Allison Transmission

DRIVING TRANSMISSION TECHNOLOGY®



PARTS CATALOG

5000/6000 SERIES

OFF-HIGHWAY TRANSMISSIONS

PC1860EN

TECHNICAL PUB

Parts Catalog

2013 FEBRUARY 01

PC1860EN

Allison Transmission

OFF-HIGHWAY MODELS

5000 and 6000 Product Families

CLBT 5861*	CLT 5963*	M 5620A(R)	S 5620H(R)	S 6620M
CLBT 5961*	CLT 6061*	M 6600A(R)*	S 5620M	VCLBT 5861*
CLBT 5962*	CLT 6062*	M 6610A(R)*	S 6600AR*	VCLBT 5961*
CLBT 5963*	CLT 6063*	M 6620A(R)	S 6600H(R)*	VCLBT 6061*
CLBT 6061*	H 5610A(R)*	S 5600H(R)*	S 6600M(R)*	VCLT 5861*
CLBT 6062*	H 5620A(R)	S 5600M(R)*	S 6610A*	VCLT 5961*
CLBT 6063*	H 6610A(R)*	S 5610A*	S 6610H(R)*	
CLT 5861*	H 6620A(R)	S 5610H(R)*	S 6610M(R)*	
CLT 5961*	M 5600A(R)*	S 5610M(R)*	S 6620A	
CLT 5962*	M 5610A(R)*	S 5620AR	S 6620H(R)	

* Not a current model

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SERVICE LITERATURE

This service literature provides fully illustrated instructions for operation, maintenance, service, overhaul, and parts support for your transmission. For maximum performance and service life from your unit, you may order additional publications via web, fax or phone.

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GENERAL INFORMATION

THIS CATALOG ALSO AVAILABLE ON CD-ROM (CD1860EN)

Faster customer service is possible by using your PC to more rapidly find parts information. Order CD1860EN and begin using this technology to your advantage.

MODELS COVERED

A complete A/N listing of all 5000/6000 Series models covered by this catalog can be found starting on Page 22.

TRANSMISSION ASSEMBLY PART NUMBER (A/N)

To use this catalog you must know the Allison Transmission assembly part number (A/N) found on the transmission nameplate. The nameplate is attached either to the rear cover (straight-through models) or to the transfer gear housing (dropbox models).

SERVICE KITS

Available service parts kits are listed starting on Page 16.

NUMERICAL INDEX

A numerical index is included in the rear of this catalog. This index is cross-referenced to indicate the history of parts. Parts, both current and superseded, appear in numerical order in the Part No. Column. Current part numbers refer to the figure and reference numbers of the parts. Parts replacing older parts are followed by the older part number in the history column. Parts that have been replaced are followed by the part number of the replacing part. Footnote symbols show when a part is replaced by (RB), or when a part replaces (R) an older part. Parts no longer available from Allison Transmission Division are followed by three asterisks (***). Parts not illustrated in the catalog are indicated with NI.

CROSS-SECTION

Typical cross-sectional views of the transmissions are shown on foldouts at the back of this catalog.

HOW TO ORDER PARTS

If an assembly or subassembly is ordered, all subassemblies and detail parts indented beneath it are included.

If a detail part is ordered, only the detail part is sent unless its part number is starred (*). A starred (*) part number means the part is not serviced separately. Order the assembly or subassembly under which it is indented.



NOTE: All parts must be ordered through an authorized Allison Transmission dealer or distributor. Always include the unit model and serial number when ordering parts. Be sure to include the part name and part number.

WARRANTY

Allison Transmission sincerely believes it offers the finest parts warranty in the industry. It is constantly reviewed to assure it remains competitive. We urge you to ask about it at your local Allison Transmission Distributor.

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HOW TO USE THIS CATALOG

Example: To find the part number of the converter pump assembly, follow the procedure outlined below.

1 Obtain the transmission assembly part number (P/N or A/N) and serial number shown on the nameplate Figure 1. The example assembly number below reads 29528046.

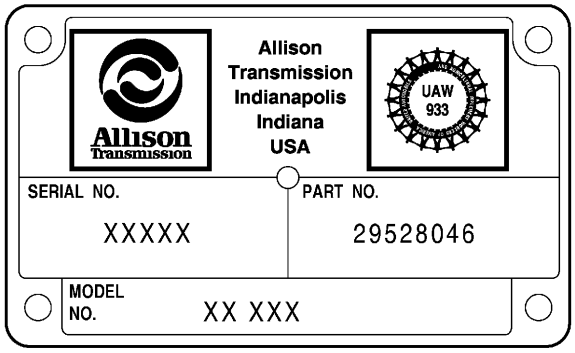


Figure 1. Allison Transmission Nameplate

2 Turn to the pictorial index of exploded parts. The Torque Converter Pump Assembly is found in Section 5 Torque Converter. The pictorial index for the torque converter should be similar to the example below Figure 2.

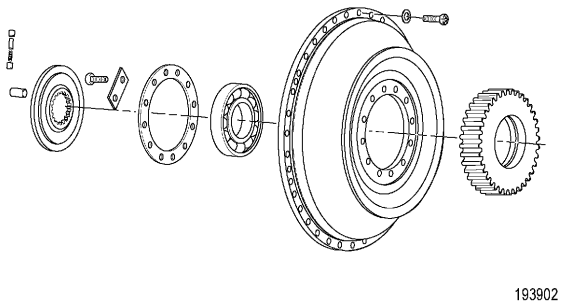
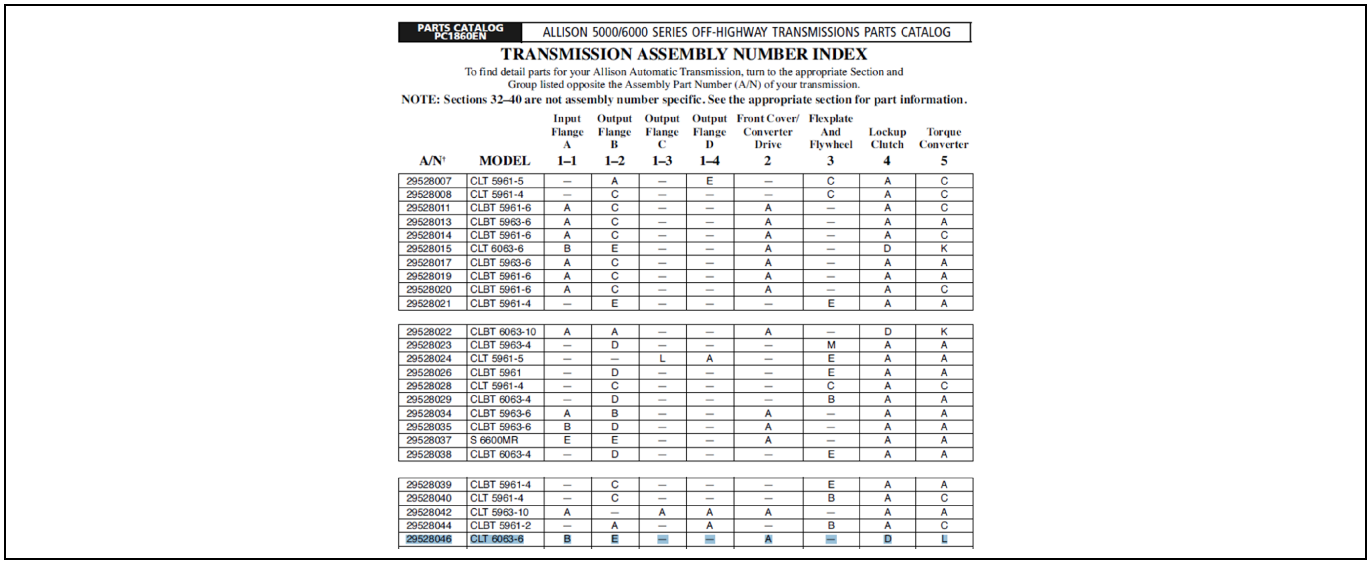


Figure 2. Torque Converter Pump Assembly

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HOW TO USE THIS CATALOG *(cont'd)*

3 Next, locate the TRANSMISSION ASSEMBLY NUMBER INDEX. In the example, Figure 3, under the A/N column, find P/N 29528046. Opposite this number, under the Group listing column for Section 5, find the letter L.



PARTS CATALOG PC1860EN — ALLISON 5000/6000 SERIES OFF-HIGHWAY TRANSMISSIONS PARTS CATALOG

TRANSMISSION ASSEMBLY NUMBER INDEX

To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

NOTE: Sections 32–40 are not assembly number specific. See the appropriate section for part information.

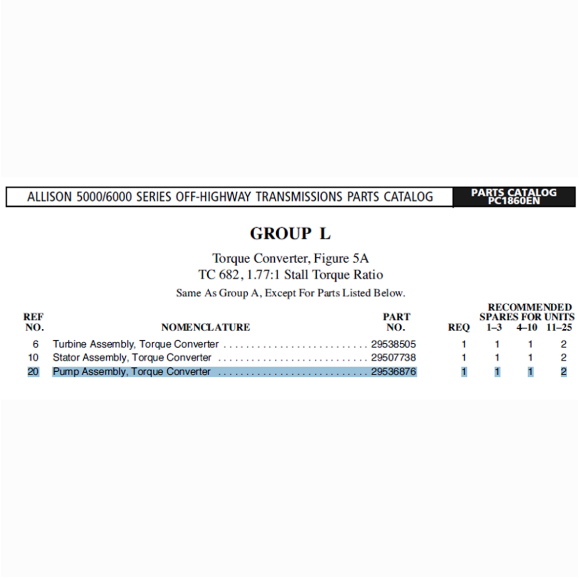
A/N[1]	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate And Flywheel 3	Lockup Clutch 4	Torque Converter 5
29528007	CLT 5961-5	—	A	—	E	—	C	A	C
29528008	CLT 5961-4	—	C	—	—	—	C	A	C
29528011	CLBT 5961-6	A	C	—	—	A	—	A	C
29528013	CLBT 5963-6	A	C	—	—	A	—	A	A
29528014	CLBT 5961-6	A	C	—	—	A	—	A	C
29528015	CLT 6063-6	B	E	—	—	A	—	D	K
29528017	CLBT 5963-6	A	C	—	—	A	—	A	A
29528019	CLBT 5961-6	A	C	—	—	A	—	A	A
29528020	CLBT 5961-6	A	C	—	—	A	—	A	C
29528021	CLBT 5961-4	—	E	—	—	—	E	A	A
29528022	CLBT 6063-10	A	A	—	—	A	—	D	K
29528023	CLBT 5963-4	—	D	—	—	—	M	A	A
29528024	CLT 5961-5	—	—	L	A	—	E	A	A
29528026	CLBT 5961	—	D	—	—	—	E	A	A
29528028	CLT 5961-4	—	C	—	—	—	C	A	C
29528029	CLBT 6063-4	—	D	—	—	—	B	A	A
29528034	CLBT 5963-6	A	B	—	—	A	—	A	A
29528035	CLBT 5963-6	B	D	—	—	A	—	A	A
29528037	S 6600MR	E	E	—	—	A	—	A	A
29528038	CLBT 6063-4	—	D	—	—	—	E	A	A
29528039	CLBT 5961-4	—	C	—	—	—	E	A	A
29528040	CLT 5961-4	—	C	—	—	—	B	A	C
29528042	CLT 5963-10	A	—	A	A	A	—	A	A
29528044	CLBT 5961-2	—	A	—	A	—	B	A	C
29528046	CLT 6063-6	B	E	—	—	A	—	D	L

Figure 3. Transmission Assembly Number Index

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HOW TO USE THIS CATALOG *(cont'd)*

4 Turn to Section 5 and locate Group L. The example below, Figure 4, shows that Group L refers to Figure 5. Figure 5 shows the torque converter pump assembly as callout 20. Go to reference number 20 in the Group L text and note that the part number is listed as P/N 29536876. To the right of the part number are recommended spare parts quantities, based on the quantity of units (transmissions) indicated in the heading.



ALLISON 5000/6000 SERIES OFF-HIGHWAY TRANSMISSIONS PARTS CATALOG | PARTS CATALOG PC1860EN

GROUP L

Torque Converter, Figure 5A
TC 682, 1.77:1 Stall Torque Ratio
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1–3	4–10	11–25
6	Turbine Assembly, Torque Converter	29538505	1	1	1	2
10	Stator Assembly, Torque Converter	29507738	1	1	1	2
20	Pump Assembly, Torque Converter	29536876	1	1	1	2

Figure 4. Section 5 Group L

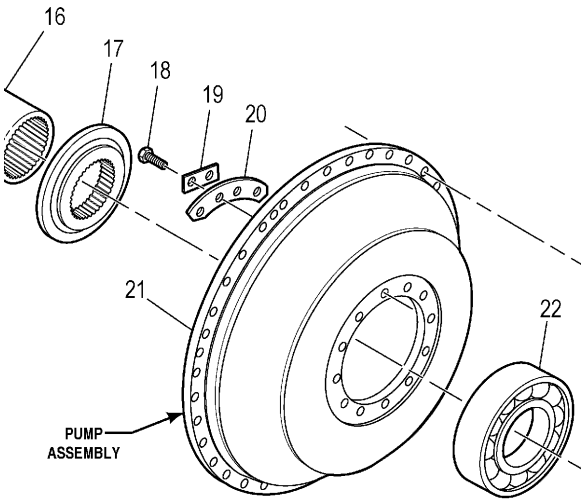


Figure 5

V07446.01.00

Figure 5. Figure 5

NOTE: Use the basic procedure explained above to locate any part number required. Also, refer to Page 6 for numerical usage and additional parts ordering information. If your transmission is an Allison remanufactured transmission, use the stamped reference number shown on the nameplate as a serial number for part listing breakpoints.

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MODEL DESIGNATION CODE

(Stamped on the Transmission Nameplate)

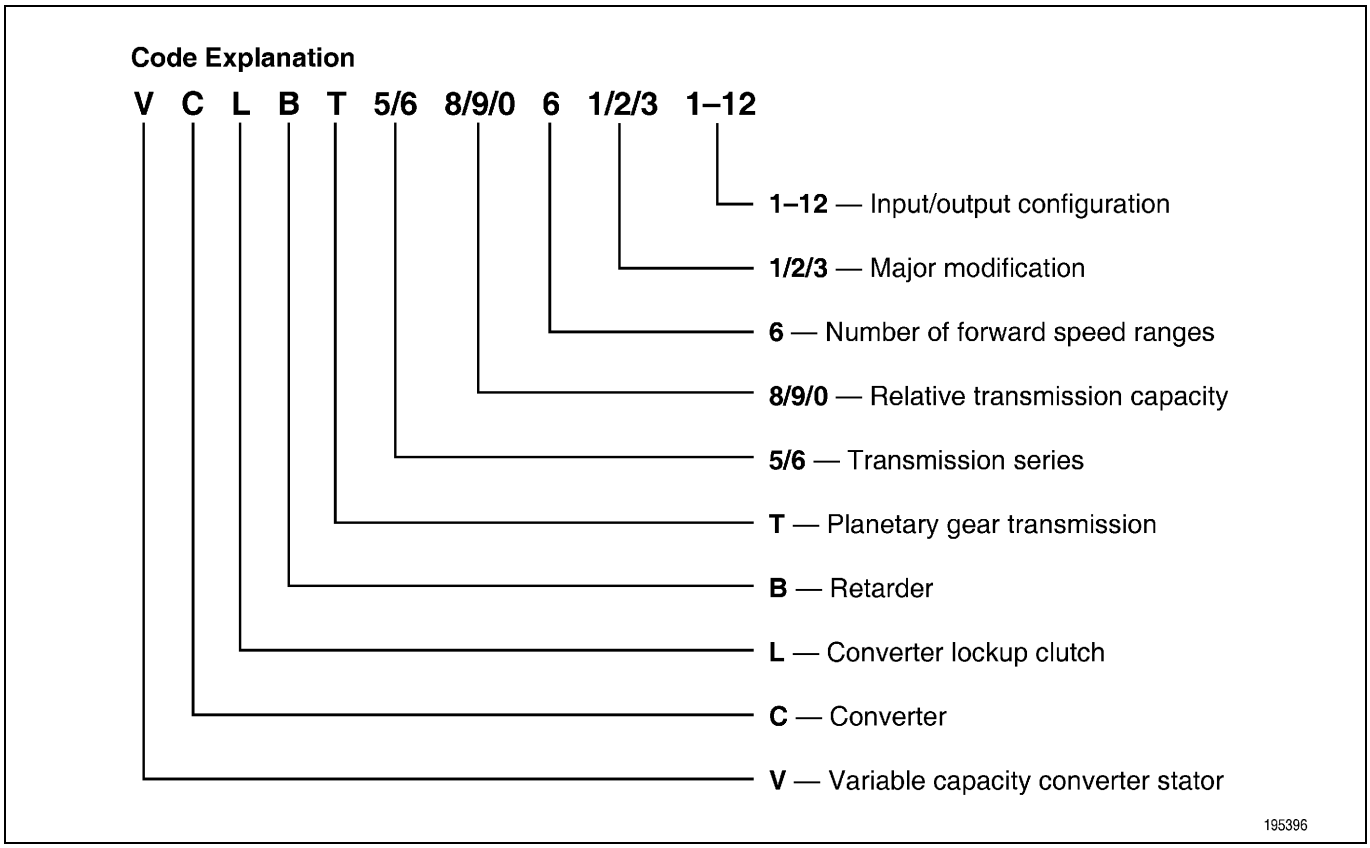


Figure 1. Code Explanation

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MODEL DESIGNATION CODE *(cont'd)*

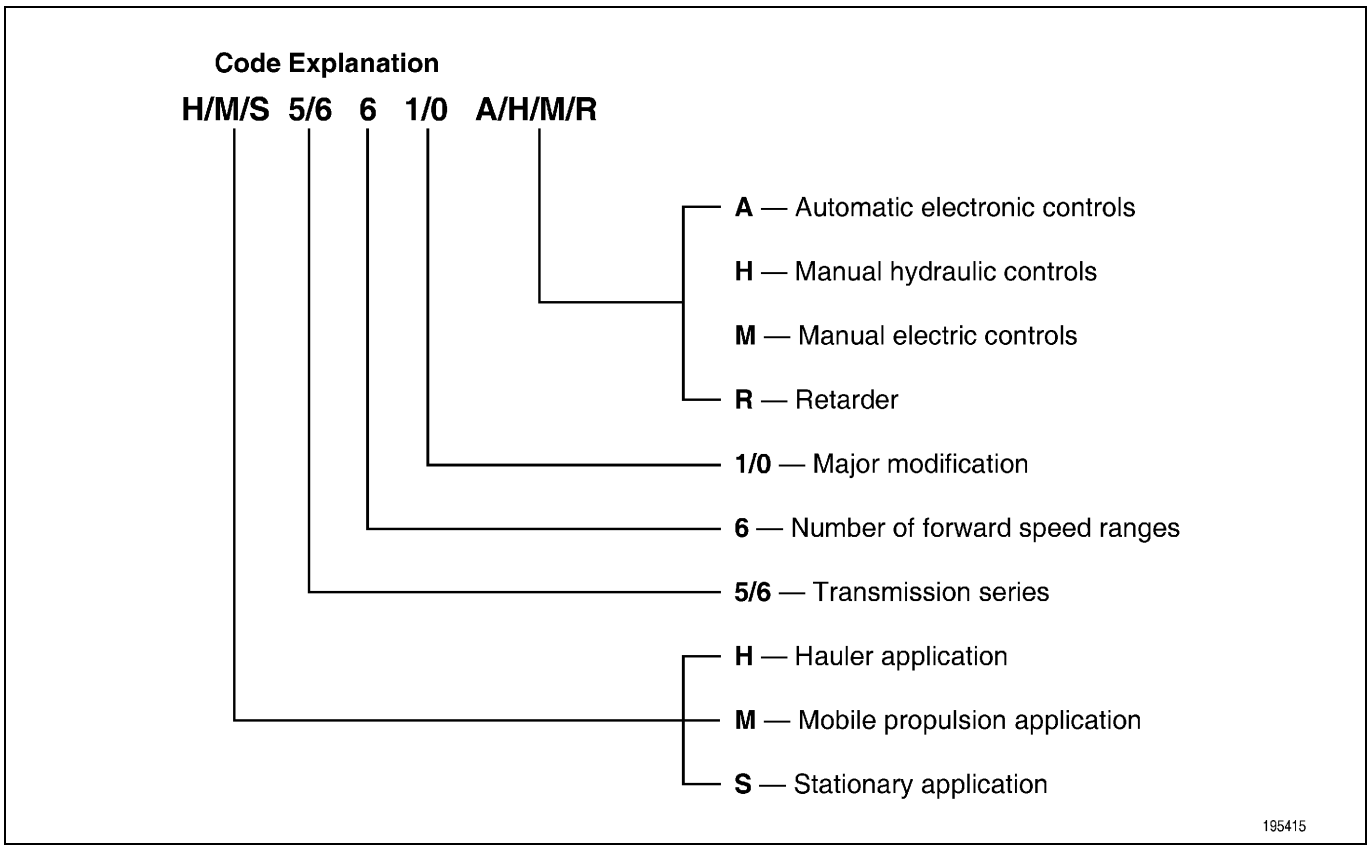
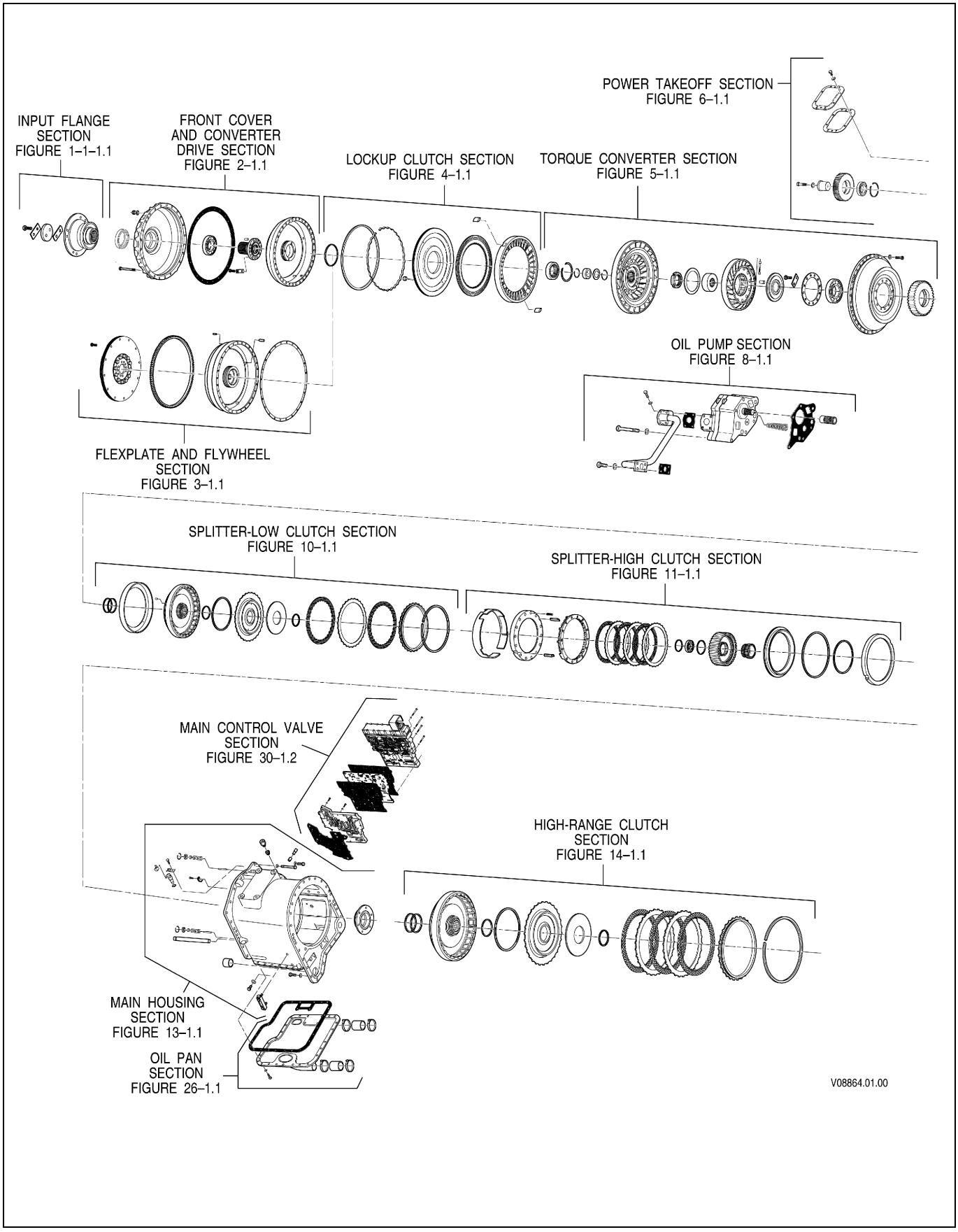


Figure 2. Code Explanation

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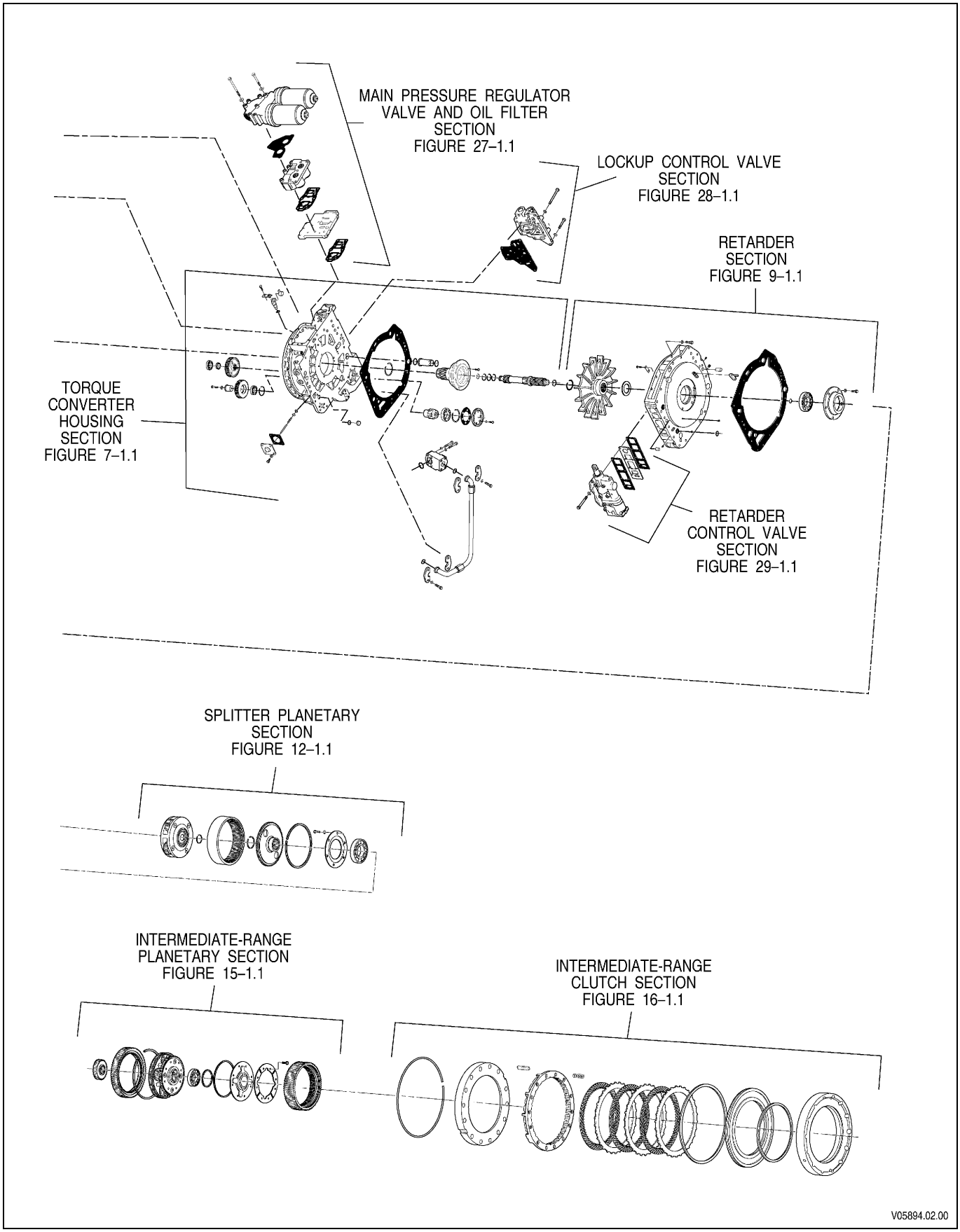
To Get The Right Part, You Must Know Your Assembly Or Group Number, Found On The Transmission Nameplate.



Sheet 1. 5000/6000 Series Off-Highway Transmissions Pictorial Index

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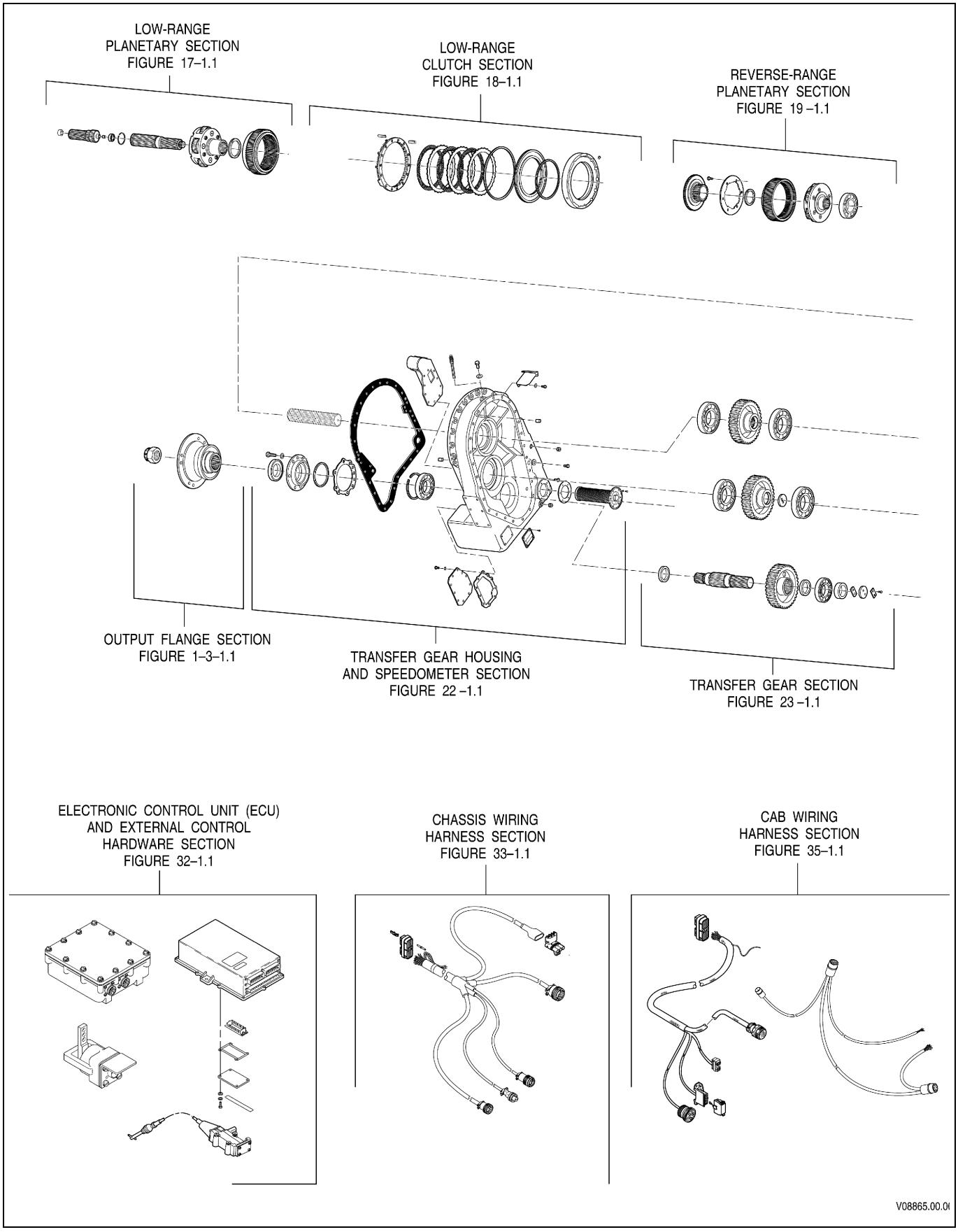
To Get The Right Part, You Must Know Your Assembly Or Group Number, Found On The Transmission Nameplate.



Sheet 2. 5000/6000 Series Off-Highway Transmissions Pictorial Index

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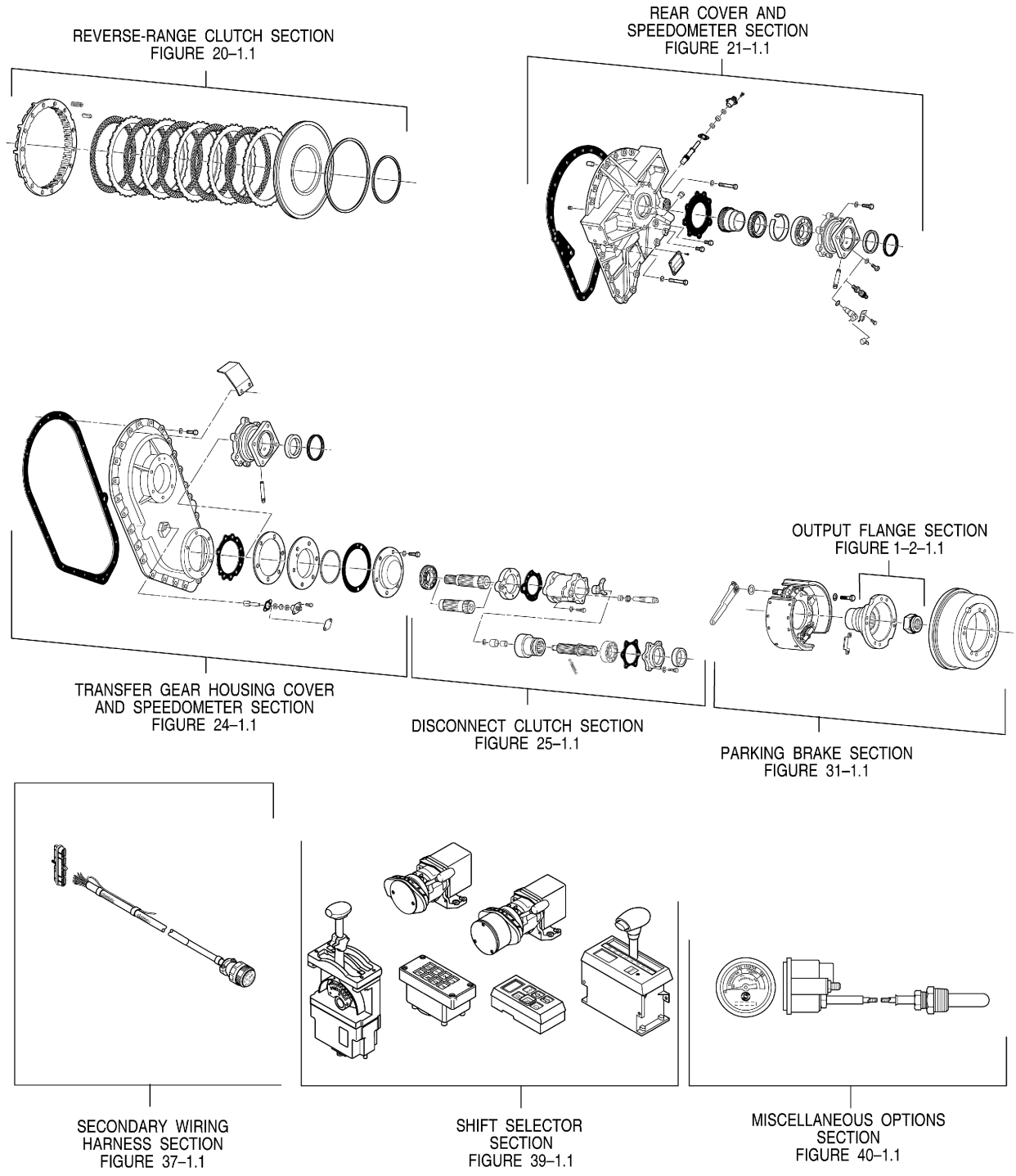
To Get The Right Part, You Must Know Your Assembly Or Group Number, Found On The Transmission Nameplate.



Sheet 3. 5000/6000 Series Off-Highway Transmissions Pictorial Index

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To Get The Right Part, You Must Know Your Assembly Or Group Number, Found On The Transmission Nameplate.



Sheet 4. 5000/6000 Series Off-Highway Transmissions Pictorial Index

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SERVICE KITS

RECOMMENDED SPARES FOR UNITS
1-3 4-10 11-25

PARKING BRAKE LINING KIT—P/N 29514503
Contains linings and rivets for Bendix 12 x 5 inch parking brake.

PARKING BRAKE OVERHAUL KIT—P/N 29529654
Contains parts necessary for overhaul of Bendix 12 x 5 inch parking brake.

Part No.	Qty	Description
2344798	1	Socket, Brake Adjusting Screw
2344799	1	Spring, Self Adjuster.
2344802	1	Pivot Nut, Brake Adjusting Screw
2399048	2	Spring, Shoe Return.
2399050	1	Brace, Anchor Pin
2405951	1	Washer, Spring
6830410	1	Screw, Brake Adjusting

ELECTRIC CONTROL VALVE GASKET KIT—P/N 29551734
Contains seals and gaskets to service electric control valve.

Part No.	Qty	Description
6779833	1	Gasket, Solenoid Cover
6837164	1	Solenoid Repair Kit
6880178	1	Gasket, Solenoid Mounting Plate
9415545	34	Washer, Flat Copper, 3/8 inch
23016647	1	Gasket, Solenoid Mounting Plate
29541384	1	Gasket, Trimmer Valve Cover
29546336	1	Gasket, Separator-To-Oil Transfer Plate
29546337	1	Gasket, Separator Plate-To-Control Valve Body
29547616	1	Gasket, Oil Transfer Plate
29547681	1	Instruction Sheet No. 349

CEC2 Valve Body Gasket Upgrade Kit—P/N 29551732
For Use With Non-Contoured Valve Body Casting. See SIL 09-TR-11.

Part No.	Qty	Description
103339	1	Washer, Flat, 0.25, Plain
6830003	1	Washer, Flat 0.406 Id
9415545	1	Washer, Flat
29513464	1	Gasket, Cover, Solenoid
29547616	1	Gasket, Oil Transfer Plate
29547651	1	Gasket, Separator To Valve Body
29547652	1	Gasket, Separator To Channel Plate
29547681	1	Instruction Sheet No. 349

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SERVICE KITS *(cont'd)*

PARKING BRAKE KIT—P/N 29543240

Part No.	Qty	Description	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
103323	8	Lockwasher, 1/2 inch			
181427	8	Bolt, 1/2-20 x 1 inch			
2405951	1	Washer, Spring			
6768827	4	Washer, Flat, 5/8 inch			
6772551	1	Lever, Brake Apply			
29506141	1	Brake Assembly, 12 x 5 inch			
29518544	1	Drum, Brake, 12 x 5 inch			

BASIC SEAL AND GASKET KIT—P/N 29547650

Contains seals and gaskets necessary for complete transmission rebuild.

Part No.	Qty	Description
552868	1	Gasket, Speedometer Drive Sleeve
5181902	1	Gasket, Converter Housing Front Cover
6703225	1	O-ring, 0.612 inch ID
6750558	1	O-ring, 0.364 inch ID
6752848	1	Sealring, 15.667 inch ID
6752849	1	Sealring, 5.310 inch ID
6755269	3	Lockstrip
6755672	2	Gasket, Bearing Retainer
6756002	1	Gasket, Input Pump Body
6756124	1	Gasket, Input Pump Plate
6756313	1	Gasket, Transfer Gear Housing Cover
6756369	1	Ring, Compression, 17.125 inch OD
6758218	2	Gasket, Scavenge Oil Discharge Tube
6758380	1	Gasket, Retarder Control Valve Cover
6758381	2	Gasket, Retarder Control Valve Body
6758415	1	Lockstrip
6758437	1	Gasket, Oil Pan
6758442	2	Gasket, PTO Cover
6758563	2	Gasket, Bearing Retainer
6759270	1	Gasket, Trimmer Valve Cover
6759379	3	Hose, Jumper
6760112	1	Gasket, Annular Copper, 1.406 ID x 1 3/4 inch OD
6764333	1	O-ring, 1.036 inch ID
6768417	1	Seal Assembly, Oil, 0.691 inch OD
6768418	1	Washer, Flat, 3/8 inch
6768688	4	Lockstrip
6769289	1	Sealring, 9.060 inch ID
6769413	1	Gasket, Scavenge Pump Body
6770521	2	Gasket, Oil Filter Base
6770578	6	Lockstrip
6770623	2	Sealring, 3.600 inch ID
6770879	2	Gasket, Inspection Cover
6771005	2	O-ring, 0.729 inch ID

(continued on next page)

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SERVICE KITS *(cont'd)*

RECOMMENDED SPARES FOR UNITS
1-3 4-10 11-25

BASIC SEAL AND GASKET KIT—P/N 29547650 *(cont'd)*

Contains seals and gaskets necessary for complete transmission rebuild.

Part No.	Qty	Description
6772012	2	Gasket, Output Disconnect Clutch Housing
6772162	1	Gasket, Rear Cover
6772740	2	Gasket, Annular Copper, 0.885 ID x 1.115 inch OD
6773186	1	Seal Assembly, Oil, 5.256 inch OD
6773189	1	Gasket, Trimmer Valve Cover
6773193	1	Gasket, Control Valve Body
6773311	2	Seal Assembly, Oil, 4.756 inch OD
6773331	1	Valve Seal Kit
6773402	1	Ring, Retaining, External, 1.310 inch ID
6774290	1	O-ring, 2.217 inch ID
6778451	1	Gasket, Control Valve Body
6779038	1	Gasket, Output Disconnect Clutch Housing Adapter
6779451	2	Gasket, Converter Housing
6779833	1	Gasket, Solenoid Cover
6830007	3	O-ring, 1.478 inch ID
6830021	2	O-ring, 1.541 inch ID
6832481	2	Sealring, External Lip-Type, 10.570 inch ID
6832482	1	Sealring, External Lip-Type, 16.195 inch ID
6832483	1	Sealring, External Lip-Type, 14.695 inch ID
6832484	4	Sealring, External Lip-Type, 16.445 inch ID
6832485	1	Sealring, Internal Lip-Type, 13.180 inch OD
6832486	2	Sealring, Internal Lip-Type, 12.055 inch OD
6832487	1	Sealring, External Lip-Type, 7.695 inch ID
6833409	1	Valve Seal Kit
6833619	1	Gasket, Oil Drain Cover
6836923	2	O-ring, 1.421 inch ID
6838043	1	Gasket, Bearing Retainer
6838403	1	Ring, Retaining, External, 1.601 inch ID
6880178	1	Gasket, Solenoid Mounting Plate
6880860	1	Gasket, Lockup Valve Body
6882702	2	Gasket, Oil Strainer Or Accessory Drive Cover
6884080	1	O-ring, 6.484 inch ID
9415545	38	Washer, Flat Copper, 3/8 inch
23014064	2	Seal Assembly, Oil, 1.878 inch OD
23014065	2	Seal, Rod Wiper, 1.878 inch OD
23016548	2	Gasket, Main Pressure Regulator Valve Body
23019649	3	Sealring Kit, Kit Contains One 23016654 Sealring
23019650	4	Sealring Kit, Kit Contains One 23016679 Sealring
23019729	1	Sealring Kit, Kit Contains One 23016653 Sealring
23019730	1	Sealring Kit, Kit Contains One 23016655 Sealring
23019731	1	Sealring Kit, Kit Contains One 23016656 Sealring
23045094	2	Seal Assembly, Oil, 4.506 inch OD
23045876	1	Gasket, Lockup Solenoid Cover
29503803	1	Gasket, Lube Valve Cover

(continued on next page)

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SERVICE KITS *(cont'd)*

RECOMMENDED SPARES FOR UNITS
1-3 4-10 11-25

BASIC SEAL AND GASKET KIT—P/N 29547650 *(cont'd)*

Contains seals and gaskets necessary for complete transmission rebuild.

Part No.	Qty	Description
29513464	1	Gasket, Trim Boost Solenoid Cover
29520046	1	Gasket, Oil Strainer
29540469	1	Gasket, Trimmer Valve Cover
29541384	1	Gasket, Trimmer Valve Cover
29544515	2	O-ring, AC Filter Canister
29544516	2	Washer, AC Filter, Center Shell Stud
29544517	1	Washer, AC Filter Bypass Valve Plug
29544518	1	Washer, AC Filter Pressure Switch
29544561	1	Washer, 3/8 ID x 21/32 OD x 3/32 inch
29546336	1	Gasket, Separator Plate-To-Oil Transfer Plate
29546337	1	Gasket, Separator Plate-To-Control Valve Body
29547615	1	Sealring Kit, Kit Contains One 29544549 Sealring
29547616	1	Gasket, Oil Transfer Plate
29547645	1	O-ring, Sight Gauge
29547651	1	Gasket, Separator Plate-To-Control Valve Body
29547652	1	Gasket, Separator Plate-To-Oil Transfer Plate
29547681	1	Instruction Sheet No. 349

UPGRADE KIT—P/N 29547655

Part No.	Qty	Description
23019651	2	Sealring Kit
29544500	1	Sleeve, Ground
29544519	1	Bearing Assembly, Ball
29544520	1	Backplate, Stator
29544521	1	Race, Stator Freewheel Rotor
29544524	1	Ring, Retaining, Internal, Lightly Loaded
29544538	1	Nut, Lock, 3.125-16
29544548	1	Gear, Input Accessory Drive
29544559	1	Spacer, Bearing
29544567	1	Turbine Assembly, Torque Converter
29547615	1	Sealring Kit
29547653	1	Shaft Assembly, Turbine, Non-Retarder
29549470	1	Plate, Friction, Internally Splined

BLOCK SERVICING KIT—P/N 29544234

Part No.	Qty	Description
103322	4	Lockwasher, 7/16
179867	2	Bolt, 7/16-14 x 21/4
179868	2	Bolt, 7/16-14 x 21/2
6830007	1	Sealring
29544227	1	Block, Hose Connection

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SERVICE KITS *(cont'd)*

RECOMMENDED SPARES FOR UNITS
1-3 4-10 11-25

INPUT PRESSURE HOSE SERVICING KIT—P/N 29544228

Part No.	Qty	Description
103322	4	Lockwasher, 7/16
179867	2	Bolt, 7/16-14 x 21/4
179868	2	Bolt, 7/16-14 x 21/2
6830007	1	Sealring
23046148	1	Hose Assembly, Input Pressure
29501462	2	Split Flange Assembly
29544227	1	Block, Hose Connection

6620 BASIC UPGRADE KIT—P/N 29547706

Part No.	Qty	Description
23019651	2	Sealring Kit
29544500	1	Sleeve, Ground
29544519	1	Bearing Assembly, Ball
29544520	1	Backplate, Stator
29544521	1	Race, Stator Freewheel Rotor
29544524	1	Ring, Retaining, Internal, Lightly Loaded
29544538	1	Nut, Lock, 3.125-16
29544548	1	Gear, Input Accessory Drive
29544559	1	Spacer, Bearing
29544567	1	Turbine Assembly, Torque Converter
29547615	1	Sealring Kit
29547654	1	Shaft Assembly, Turbine, With-Retarder
29549470	1	Plate, Friction, Internally Splined

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NOTES

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
6776034	CLBT 6061-4	–	D	–	–	–	H	B	H
6776035	CLBT 6061-4	–	D	–	–	–	A	B	H
6776793	CLBT 6061-4	–	F	–	–	–	H	B	H
6776931	CLBT 6061-4	–	F	–	–	–	A	B	H
6776932	CLBT 6061-4	–	F	–	–	–	H	B	H
6776982	CLBT 6061-4	–	E	–	–	–	H	B	H
6777141	CLBT 6061-4	–	D	–	–	–	J	B	H
6777258	CLBT 6061-4	–	F	–	–	–	H	B	H
6777259	CLBT 6061-6	E	D	–	–	A	–	B	H
6777309	CLBT 6061-4	–	F	–	–	–	A	B	H
6777334	CLBT 6061-4	–	–	–	–	–	H	B	H
6777335	CLBT 6061	–	–	–	–	–	H	B	H
6777427	CLBT 6061-4	–	F	–	–	–	H	B	H
6777461	CLT 6061-4	–	F	–	–	–	A	B	H
6777462	CLBT 6061-4	–	K	–	–	–	H	B	H
6778187	CLBT 6061-4	–	D	–	–	–	A	B	H
6778214	CLT 6061-4	–	D	–	–	–	A	B	H
6778348	CLT 6061-4	–	F	–	–	–	A	B	H
6778672	CLBT 6061-4	–	D	–	–	–	H	B	H
6778882	CLBT 6061-4	–	F	–	–	–	A	B	M
6778883	CLT 6061-4	–	F	–	–	–	H	B	H
6778923	CLBT 6061-3	E	–	N	F	A	–	B	H
6778937	CLT 6061-4	–	F	–	–	–	A	B	H
6779019	VCLBT 6061-4	–	D	–	–	–	L	B	H
6779265	CLBT 6061-6	E	E	–	–	A	–	B	H
6779590	CLBT 6061-4	–	F	–	–	–	H	B	H
6779591	CLBT 6061-4	–	F	–	–	–	H	B	H
6829959	CLT 6061-4	–	F	–	–	–	H	B	H
6830426	CLBT 6061-6	E	–	–	–	A	–	B	H
6830462	CLT 6061-4	–	F	–	–	–	A	B	H
6830696	CLBT 6061-4	–	E	–	–	–	A	B	H
6831116	CLBT 6061-4	–	D	–	–	–	A	B	H
6831199	CLBT 6061-4	–	D	–	–	–	H	B	H
6832396	CLBT 6061-4	–	F	–	–	–	H	B	M
6832660	CLBT 6061-4	–	D	–	–	–	H	B	H
6832801	CLBT 6061-4	–	D	–	–	–	H	B	H
6832815	CLBT 6061-4	–	–	–	–	–	A	B	H
6833063	CLT 6061-4	–	F	–	–	–	A	B	H
6833064	CLT 6061-4	–	F	–	–	–	H	B	H
6833065	CLT 6061-4	–	F	–	–	–	H	B	H

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	6776034
A	A	A	A	A	A	A	A	A	6776035
A	A	A	A	A	A	A	A	A	6776793
A	A	A	A	A	A	A	A	A	6776931
B	A	A	A	A	A	A	A	A	6776932
A	A	A	A	A	A	A	A	A	6776982
A	A	A	A	A	A	A	A	A	6777141
A	A	A	A	A	A	A	A	A	6777258
A	A	A	A	A	A	A	A	A	6777259
A	A	A	A	A	A	A	A	A	6777309
B	A	A	A	A	A	A	A	A	6777334
A	A	A	A	A	A	A	C	A	6777335
A	A	A	A	A	A	A	A	A	6777427
B	D	A	–	A	B	A	B	A	6777461
A	A	A	A	A	A	A	A	A	6777462
A	A	A	A	A	A	A	A	A	6778187
B	D	A	–	A	B	A	B	A	6778214
A	D	A	–	A	B	A	B	A	6778348
B	A	A	A	A	A	A	A	A	6778672
A	A	A	A	A	A	A	A	A	6778882
A	D	A	–	A	B	A	B	A	6778883
B	A	A	A	A	A	A	C	A	6778923
A	D	A	–	A	B	A	B	A	6778937
A	B	A	A	A	A	A	A	A	6779019
A	A	A	A	A	A	A	A	A	6779265
A	A	A	A	A	A	A	A	A	6779590
A	A	A	A	A	A	A	A	A	6779591
B	D	A	–	A	B	A	B	A	6829959
A	A	A	A	A	A	A	A	A	6830426
B	D	A	–	A	B	A	B	A	6830462
A	A	A	A	A	A	A	A	A	6830696
A	A	A	A	A	A	A	A	A	6831116
A	A	A	A	A	A	A	A	A	6831199
A	A	A	A	A	A	A	A	A	6832396
A	A	A	A	A	A	A	A	A	6832660
A	A	A	A	A	A	A	A	A	6832801
A	A	A	A	A	A	A	A	A	6832815
A	D	A	–	A	B	A	B	A	6833063
B	D	A	–	A	B	A	B	A	6833064
B	D	A	–	A	B	A	B	A	6833065

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
6776034	CLBT 6061-4	B	B	A	A	B	A	B	–
6776035	CLBT 6061-4	B	B	A	A	B	A	B	–
6776793	CLBT 6061-4	B	B	A	A	B	A	B	–
6776931	CLBT 6061-4	B	B	A	A	B	A	B	–
6776932	CLBT 6061-4	B	B	A	A	B	A	B	–
6776982	CLBT 6061-4	B	B	A	A	B	A	B	–
6777141	CLBT 6061-4	B	B	A	A	B	A	B	–
6777258	CLBT 6061-4	B	B	A	A	B	A	B	–
6777259	CLBT 6061-6	B	B	A	A	B	A	B	–
6777309	CLBT 6061-4	B	B	A	A	B	A	B	–
6777334	CLBT 6061-4	B	B	A	A	B	A	B	–
6777335	CLBT 6061	B	B	A	A	B	A	–	–
6777427	CLBT 6061-4	B	B	A	A	B	A	B	–
6777461	CLT 6061-4	B	B	A	A	B	A	B	–
6777462	CLBT 6061-4	B	B	A	A	B	A	B	–
6778187	CLBT 6061-4	B	B	A	A	B	A	B	–
6778214	CLT 6061-4	B	B	A	A	B	A	B	–
6778348	CLT 6061-4	B	B	A	A	B	A	B	–
6778672	CLBT 6061-4	B	B	A	A	B	A	B	–
6778882	CLBT 6061-4	B	B	A	A	B	A	B	–
6778883	CLT 6061-4	B	B	A	A	B	A	B	–
6778923	CLBT 6061-3	B	B	A	A	B	A	–	J
6778937	CLT 6061-4	B	B	A	A	B	A	B	–
6779019	VCLBT 6061-4	B	B	A	A	B	A	B	–
6779265	CLBT 6061-6	B	B	A	A	B	A	B	–
6779590	CLBT 6061-4	B	B	A	A	B	A	B	–
6779591	CLBT 6061-4	B	B	A	A	B	A	B	–
6829959	CLT 6061-4	B	B	A	A	B	A	B	–
6830426	CLBT 6061-6	B	B	A	A	B	A	B	–
6830462	CLT 6061-4	B	B	A	A	B	A	B	–
6830696	CLBT 6061-4	B	B	A	A	B	A	B	–
6831116	CLBT 6061-4	B	B	A	A	B	A	B	–
6831199	CLBT 6061-4	B	B	A	A	B	A	B	–
6832396	CLBT 6061-4	B	B	A	A	B	A	B	–
6832660	CLBT 6061-4	B	B	A	A	B	A	B	–
6832801	CLBT 6061-4	B	B	A	A	B	A	B	–
6832815	CLBT 6061-4	B	B	A	A	B	A	B	–
6833063	CLT 6061-4	B	B	A	A	B	A	B	–
6833064	CLT 6061-4	B	B	A	A	B	A	B	–
6833065	CLT 6061-4	B	B	A	A	B	A	B	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A	A	A	A	–	6776034
–	–	–	A	A	A	A	A	–	6776035
–	–	–	A	A	A	A	A	B	6776793
–	–	–	A	A	J	A	A	–	6776931
–	–	–	A	A	A	A	A	–	6776932
–	–	–	A	A	A	A	A	B	6776982
–	–	–	A	A	A	A	A	B	6777141
–	–	–	A	A	A	A	A	B	6777258
–	–	–	A	A	A	A	A	C	6777259
–	–	–	A	A	A	A	A	–	6777309
–	–	–	A	A	J	A	A	–	6777334
–	–	–	E	A	J	A	A	–	6777335
–	–	–	A	A	A	A	A	–	6777427
–	–	–	A	A	A	–	A	B	6777461
–	–	–	A	A	E	A	A	–	6777462
–	–	–	A	A	J	A	A	C	6778187
–	–	–	A	A	J	–	A	–	6778214
–	–	–	A	A	E	–	A	B	6778348
–	–	–	A	A	J	A	A	–	6778672
–	–	–	A	A	A	A	A	B	6778882
–	–	–	A	A	A	–	A	–	6778883
A	–	–	E	A	A	A	A	–	6778923
–	–	–	A	A	F	–	A	B	6778937
–	–	–	A	B	J	A	A	–	6779019
–	–	–	A	A	A	A	A	B	6779265
–	–	–	A	A	J	A	A	–	6779590
–	–	–	A	A	J	A	A	B	6779591
–	–	–	A	A	F	–	A	–	6829959
–	–	–	A	A	A	A	A	B	6830426
–	–	–	A	A	J	–	A	–	6830462
–	–	–	A	A	J	A	A	B	6830696
–	–	–	A	A	A	A	A	–	6831116
–	–	–	A	A	A	A	A	–	6831199
–	–	–	A	A	L	A	A	–	6832396
–	–	–	A	A	J	A	A	–	6832660
–	–	–	A	A	A	A	A	–	6832801
–	–	–	A	A	J	A	A	–	6832815
–	–	–	A	A	E	–	A	–	6833063
–	–	–	A	A	D	–	A	–	6833064
–	–	–	A	A	F	–	A	–	6833065

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
6833066	CLT 6061-4	–	F	–	–	–	A	B	H
6833068	CLBT 6061-4	–	D	–	–	–	H	B	H
6833069	CLBT 6061-4	–	D	–	–	–	A	B	H
6833070	CLBT 6061-4	–	F	–	–	–	A	B	H
6833071	CLBT 6061-4	–	F	–	–	–	H	B	H
6833073	CLBT 6061-4	–	F	–	–	–	H	B	H
6833075	CLBT 6061-4	–	F	–	–	–	H	B	H
6833078	CLBT 6061-4	–	D	–	–	–	A	B	H
6833079	CLBT 6061-4	–	D	–	–	–	H	B	H
6833081	CLBT 6061-4	–	F	–	–	–	A	B	M
6833082	CLBT 6061-6	E	E	–	–	A	–	B	H
6833085	CLBT 6061-6	E	D	–	–	A	–	B	H
6833087	CLBT 6061-4	–	D	–	–	–	A	B	H
6833088	CLBT 6061-4	–	D	–	–	–	H	B	H
6833089	CLBT 6061-4	–	F	–	–	–	H	B	H
6833090	CLBT 6061-4	–	D	–	–	–	H	B	H
6833091	CLBT 6061-4	–	D	–	–	–	A	B	H
6833114	CLBT 6061-4	–	F	–	–	–	A	B	H
6834109	CLBT 6061-4	–	E	–	–	–	A	B	H
6834191	CLBT 6061-6	E	F	–	–	A	–	B	H
6834204	CLBT 6061-6	A	F	–	–	A	–	B	H
6834213	CLBT 6061-4	–	F	–	–	–	A	B	H
6834626	CLT 6061-4	–	C	–	–	–	K	B	H
6835186	CLT 6061-4	–	C	–	–	–	A	B	H
6835214	CLBT 6061-6	F	F	–	–	A	–	B	H
6835220	CLT 6061-4	–	F	–	–	–	K	B	H
6835251	CLBT 6061-4	–	D	–	–	–	H	B	H
6835677	CLT 6061-4	–	D	–	–	–	A	B	H
6835832	CLBT 6061-4	–	E	–	–	–	H	B	H
6836232	CLBT 6061-4	–	D	–	–	–	H	B	H
6836233	CLBT 6061-4	–	D	–	–	–	A	B	H
6836302	CLT 6061-4	C	D	–	–	A	–	B	H
6836401	CLBT 6061-4	–	E	–	–	–	A	A	A
6836401	CLBT 6061-4	–	E	–	–	–	A	A	A
6836683	CLT 6061-4	–	E	–	–	–	H	B	H
6836804	CLBT 6061-6	E	E	–	–	A	–	B	H
6836922	CLBT 6061-6	E	D	–	–	A	–	B	H
6837710	CLBT 6061-4	–	C	–	–	–	H	B	H
6837828	CLBT 6061-4	–	F	–	–	–	A	B	H
6837829	CLBT 6061-6	F	F	–	–	A	–	B	H

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
B	D	A	–	A	B	A	B	A	6833066
B	A	A	A	A	A	A	A	A	6833068
B	A	A	A	A	A	A	A	A	6833069
A	A	A	A	A	A	A	A	A	6833070
A	A	A	A	A	A	A	A	A	6833071
B	A	A	A	A	A	A	A	A	6833073
A	A	A	A	A	A	A	A	A	6833075
A	A	A	A	A	A	A	A	A	6833078
B	A	A	A	A	A	A	A	A	6833079
A	A	A	A	A	A	A	A	A	6833081
B	A	A	A	A	A	A	A	A	6833082
A	A	A	A	A	A	A	A	A	6833085
A	A	A	A	A	A	A	A	A	6833087
A	A	A	A	A	A	A	A	A	6833088
A	A	A	A	A	A	A	A	A	6833089
A	A	A	A	A	A	A	A	A	6833090
A	A	A	A	A	A	A	A	A	6833091
A	A	A	A	A	A	A	A	A	6833114
A	A	A	A	A	A	A	A	A	6834109
A	A	A	A	A	A	A	A	A	6834191
A	A	A	A	A	A	A	A	A	6834204
A	A	A	A	A	A	A	A	A	6834213
B	D	A	–	A	B	A	B	A	6834626
B	D	A	–	A	B	A	B	A	6835186
A	A	A	A	A	A	A	A	A	6835214
B	D	A	–	A	B	A	B	A	6835220
B	A	A	A	A	A	A	A	A	6835251
B	D	A	–	A	B	A	B	A	6835677
A	A	A	A	A	A	A	A	A	6835832
A	A	A	A	A	A	A	A	A	6836232
A	A	A	A	A	A	A	A	A	6836233
B	D	A	–	A	B	A	A	A	6836302
A	A	A	A	A	A	A	A	A	6836401
A	A	A	A	A	A	A	A	A	6836401
A	D	A	–	A	B	A	B	A	6836683
B	A	A	A	A	A	A	A	A	6836804
A	A	A	A	A	A	A	A	A	6836922
A	A	A	A	A	A	A	A	A	6837710
A	A	A	A	A	A	A	A	A	6837828
A	A	A	A	A	A	A	A	A	6837829

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
6833066	CLT 6061-4	B	B	A	A	B	A	B	–
6833068	CLBT 6061-4	B	B	A	A	B	A	B	–
6833069	CLBT 6061-4	B	B	A	A	B	A	B	–
6833070	CLBT 6061-4	B	B	A	A	B	A	B	–
6833071	CLBT 6061-4	B	B	A	A	B	A	B	–
6833073	CLBT 6061-4	B	B	A	A	B	A	B	–
6833075	CLBT 6061-4	B	B	A	A	B	A	B	–
6833078	CLBT 6061-4	B	B	A	A	B	A	B	–
6833079	CLBT 6061-4	B	B	A	A	B	A	B	–
6833081	CLBT 6061-4	B	B	A	A	B	A	B	–
6833082	CLBT 6061-6	B	B	A	A	B	A	B	–
6833085	CLBT 6061-6	B	B	A	A	B	A	B	–
6833087	CLBT 6061-4	B	B	A	A	B	A	B	–
6833088	CLBT 6061-4	B	B	A	A	B	A	B	–
6833089	CLBT 6061-4	B	B	A	A	B	A	B	–
6833090	CLBT 6061-4	B	B	A	A	B	A	B	–
6833091	CLBT 6061-4	B	B	A	A	B	A	B	–
6833114	CLBT 6061-4	B	B	A	A	B	A	B	–
6834109	CLBT 6061-4	B	B	A	A	B	A	B	–
6834191	CLBT 6061-6	B	B	A	A	B	A	B	–
6834204	CLBT 6061-6	B	B	A	A	B	A	B	–
6834213	CLBT 6061-4	B	B	A	A	B	A	B	–
6834626	CLT 6061-4	B	B	A	A	B	A	B	–
6835186	CLT 6061-4	B	B	A	A	B	A	B	–
6835214	CLBT 6061-6	B	B	A	A	B	A	B	–
6835220	CLT 6061-4	B	B	A	A	B	A	B	–
6835251	CLBT 6061-4	B	B	A	A	B	A	B	–
6835677	CLT 6061-4	B	B	A	A	B	A	B	–
6835832	CLBT 6061-4	B	B	A	A	B	A	A	–
6836232	CLBT 6061-4	B	B	A	A	B	A	B	–
6836233	CLBT 6061-4	B	B	A	A	B	A	B	–
6836302	CLT 6061-4	B	B	A	A	B	A	B	–
6836401	CLBT 6061-4	B	B	A	A	B	A	A	–
6836401	CLBT 6061-4	B	B	A	A	B	A	A	–
6836683	CLT 6061-4	B	B	A	A	B	A	B	–
6836804	CLBT 6061-6	B	B	A	A	B	A	B	–
6836922	CLBT 6061-6	B	B	A	A	B	A	B	–
6837710	CLBT 6061-4	B	B	A	A	B	A	B	–
6837828	CLBT 6061-4	B	B	A	A	B	A	B	–
6837829	CLBT 6061-6	B	B	A	A	B	A	A	–

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A	J	–	A	B	6833066
–	–	–	A	A	A	A	A	–	6833068
–	–	–	A	A	A	A	A	–	6833069
–	–	–	A	A	J	A	A	–	6833070
–	–	–	A	A	D	A	A	B	6833071
–	–	–	A	A	A	A	A	B	6833073
–	–	–	A	A	A	A	A	–	6833075
–	–	–	A	A	J	A	A	C	6833078
–	–	–	A	A	J	A	A	–	6833079
–	–	–	A	A	A	A	A	B	6833081
–	–	–	A	A	A	A	A	B	6833082
–	–	–	A	A	D	A	A	–	6833085
–	–	–	A	A	D	A	A	–	6833087
–	–	–	A	A	D	A	A	–	6833088
–	–	–	A	A	L	A	A	–	6833089
–	–	–	A	A	A	A	A	–	6833090
–	–	–	A	A	J	A	A	–	6833091
–	–	–	A	A	A	A	A	–	6833114
–	–	–	A	A	A	A	A	B	6834109
–	–	–	A	A	A	A	A	–	6834191
–	–	–	A	A	A	A	A	–	6834204
–	–	–	A	A	A	A	A	–	6834213
–	–	–	A	A	C	–	A	–	6834626
–	–	–	A	A	J	–	A	B	6835186
–	–	–	A	A	D	A	A	–	6835214
–	–	–	A	A	A	–	A	–	6835220
–	–	–	A	A	A	A	A	–	6835251
–	–	–	A	A	A	–	A	–	6835677
–	–	–	A	A	D	A	C	B	6835832
–	–	–	A	A	D	A	C	–	6836232
–	–	–	A	A	A	A	C	–	6836233
–	–	–	A	A	A	–	A	–	6836302
–	–	–	A	A‡	A	A	C	B	6836401
–	–	–	A	E‡‡	A	A	C	B	6836401
–	–	–	A	A	A	–	A	B	6836683
–	–	–	A	A	A	A	B	B	6836804
–	–	–	A	A	A	A	B	–	6836922
–	–	–	A	A	A	A	B	C	6837710
–	–	–	A	A	A	A	C	–	6837828
–	–	–	A	A	A	A	C	–	6837829

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
6838382	CLT 6061-4	–	F	–	–	–	A	B	H
6838602	CLBT 6061-4	–	C	–	–	–	H	B	H
6838736	CLBT 6061-4	–	D	–	–	–	H	B	H
6838737	CLBT 6061-4	–	D	–	–	–	A	B	H
6838966	CLT 6061-3	E	–	A	B	A	–	B	H
6839121	CLT 6061-4	–	C	–	–	–	A	B	H
6839931	CLT 6061-6	E	F	–	–	A	–	B	H
6880380	CLBT 6061-6	A	B	–	–	A	–	B	H
6880579	CLBT 6061-6	E	E	–	–	A	–	B	H
6880870	CLBT 6061-6	E	E	–	–	A	–	B	H
6881022	CLT 6061-4	–	C	–	–	–	K	B	H
6881158	CLBT 6061-4	–	B	–	–	–	K	B	H
6882318	CLBT 6061-1	B	D	–	–	A	–	B	H
6882349	CLT 6061-4	–	F	–	–	–	K	B	H
6882614	CLT 6061-3	–	A	–	–	–	A	B	H
6883030	CLT 5961-3	–	A	–	–	–	A	A	B
6883153	CLBT 6061-4	–	E	–	–	–	E	B	H
6883204	CLT 6061-4	–	C	–	–	–	A	B	H
6883602	CLBT 6061-6	A	B	–	–	A	–	B	H
6883656	CLBT 6061-4	–	E	–	–	–	A	B	H
6883900	CLT 6061-4	–	C	–	–	–	H	B	H
6883942	CLT 6061-4	–	C	–	–	–	B	B	H
6883956	CLT 6061-6	–	C	–	–	–	H	B	H
6884101	CLBT 6061-6	E	E	–	–	A	–	B	H
6884102	CLBT 5861-6	D	C	–	–	A	–	B	E
6884250	CLT 6061-4	–	F	–	–	–	H	B	H
6884251	CLT 6061-4	–	C	–	–	–	A	B	H
6884252	CLT 6061-4	–	C	–	–	–	H	B	H
6884253	CLBT 6061-4	–	F	–	–	–	H	B	H
6884254	CLBT 6061-6	E	D	–	–	A	–	B	H
6884255	CLBT 6061-6	F	F	–	–	A	–	B	H
6884256	CLBT 6061-6	E	E	–	–	A	–	B	H
6884264	CLBT 6061-6	E	F	–	–	A	–	B	H
6884909	CLT 6061-4	–	C	–	–	–	A	B	H
6885307	CLBT 6061-6	A	F	–	–	A	–	B	H
6885308	CLT 6061-6	E	C	–	–	A	–	B	H
6885331	CLBT 6061-6	E	F	–	–	A	–	B	H
6885388	CLBT 6061-4	–	D	–	–	–	A	B	H
6885390	CLT 6061-4	–	F	–	–	–	H	B	H
23010016	CLT 6061-4	–	C	–	–	–	A	A	A

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
B	D	A	–	A	B	A	B	A	6838382
B	A	A	A	A	A	A	A	A	6838602
A	A	A	A	A	A	A	A	A	6838736
A	A	A	A	A	A	A	A	A	6838737
A	D	A	–	A	B	A	D	A	6838966
A	D	A	–	A	B	A	B	A	6839121
B	D	A	–	A	A	A	B	A	6839931
B	A	A	A	A	A	A	A	A	6880380
B	A	A	A	A	A	A	A	A	6880579
B	A	A	A	A	A	A	A	A	6880870
A	D	A	–	A	B	A	B	A	6881022
A	A	A	A	A	A	A	A	A	6881158
B	A	A	A	A	A	A	A	A	6882318
A	D	A	–	A	B	A	B	A	6882349
A	D	A	–	A	B	A	B	A	6882614
A	D	A	–	A	B	A	B	A	6883030
A	A	A	A	A	A	A	A	A	6883153
A	D	A	–	A	B	A	B	A	6883204
B	A	A	A	A	A	A	A	A	6883602
A	A	A	A	A	A	A	A	A	6883656
A	D	A	–	A	B	A	B	A	6883900
A	D	A	–	A	B	A	B	A	6883942
A	D	A	–	A	B	A	B	A	6883956
B	A	A	A	A	A	A	A	A	6884101
B	A	A	A	A	C	A	A	A	6884102
B	D	A	–	A	B	A	B	A	6884250
B	D	A	–	A	B	A	B	A	6884251
A	D	A	–	A	B	A	B	A	6884252
A	A	A	A	A	A	A	A	A	6884253
A	A	A	A	A	A	A	A	A	6884254
A	A	A	A	A	A	A	A	A	6884255
B	A	A	A	A	A	A	A	A	6884256
B	A	A	A	A	A	A	A	A	6884264
A	D	A	–	A	B	A	B	A	6884909
A	A	A	A	A	A	A	A	A	6885307
A	D	A	–	A	B	A	B	A	6885308
A	A	A	A	A	A	A	A	A	6885331
A	A	A	A	A	A	A	A	A	6885388
A	D	A	–	A	B	A	B	A	6885390
A	D	A	–	A	B	A	B	A	23010016

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
6838382	CLT 6061-4	B	B	A	A	B	A	B	–
6838602	CLBT 6061-4	B	B	A	A	B	A	B	–
6838736	CLBT 6061-4	B	B	A	A	B	A	B	–
6838737	CLBT 6061-4	B	B	A	A	B	A	B	–
6838966	CLT 6061-3	B	B	A	A	B	A	–	J
6839121	CLT 6061-4	B	B	A	A	B	A	B	–
6839931	CLT 6061-6	B	B	A	A	B	A	B	–
6880380	CLBT 6061-6	B	B	A	A	B	A	B	–
6880579	CLBT 6061-6	B	B	A	A	B	A	B	–
6880870	CLBT 6061-6	B	B	A	A	B	A	B	–
6881022	CLT 6061-4	B	B	A	A	B	A	B	–
6881158	CLBT 6061-4	B	B	A	A	B	A	B	–
6882318	CLBT 6061-1	B	B	A	A	B	A	B	–
6882349	CLT 6061-4	B	B	A	A	B	A	B	–
6882614	CLT 6061-3	B	B	C	A	B	A	H	–
6883030	CLT 5961-3	A	A	C	A	A	A	H	–
6883153	CLBT 6061-4	B	B	A	A	B	A	B	–
6883204	CLT 6061-4	B	B	A	A	B	A	A	–
6883602	CLBT 6061-6	B	B	A	A	B	A	B	–
6883656	CLBT 6061-4	B	B	A	A	B	A	B	–
6883900	CLT 6061-4	B	B	A	A	B	A	B	–
6883942	CLT 6061-4	B	B	A	A	B	A	B	–
6883956	CLT 6061-6	B	B	A	A	B	A	B	–
6884101	CLBT 6061-6	B	B	A	A	B	A	A	–
6884102	CLBT 5861-6	A	A	A	A	A	A	A	–
6884250	CLT 6061-4	B	B	A	A	B	A	A	–
6884251	CLT 6061-4	B	B	A	A	B	A	A	–
6884252	CLT 6061-4	B	B	A	A	B	A	A	–
6884253	CLBT 6061-4	B	B	A	A	B	A	A	–
6884254	CLBT 6061-6	B	B	A	A	B	A	A	–
6884255	CLBT 6061-6	B	B	A	A	B	A	A	–
6884256	CLBT 6061-6	B	B	A	A	B	A	A	–
6884264	CLBT 6061-6	B	B	A	A	B	A	A	–
6884909	CLT 6061-4	B	B	A	A	B	A	A	–
6885307	CLBT 6061-6	B	B	A	A	B	A	A	–
6885308	CLT 6061-6	B	B	A	A	B	A	B	–
6885331	CLBT 6061-6	B	B	A	A	B	A	A	–
6885388	CLBT 6061-4	B	B	A	A	B	A	A	–
6885390	CLT 6061-4	B	B	A	A	B	A	A	–
23010016	CLT 6061-4	B	B	A	A	B	A	A	–

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A	C	–	B	–	6838382
–	–	–	A	A	F	A	A	–	6838602
–	–	–	A	A	D	A	B	–	6838736
–	–	–	A	A	D	A	B	–	6838737
A	–	–	E	A	D	–	B	–	6838966
–	–	–	A	A	E	–	A	–	6839121
–	–	–	A	A	D	–	B	–	6839931
–	–	–	A	A	A	A	A	–	6880380
–	–	–	A	A	D	A	A	–	6880579
–	–	–	A	C	A	A	A	B	6880870
–	–	–	A	A	A	–	C	–	6881022
–	–	–	A	A	A	A	C	–	6881158
–	–	–	A	A	J	A	B	C	6882318
–	–	–	A	A	A	–	A	–	6882349
–	–	–	A	A	A	–	B	–	6882614
–	–	–	A	A	A	–	C	–	6883030
–	–	–	A	A	A	A	C	–	6883153
–	–	–	A	A	A	–	C	C	6883204
–	–	–	A	A	A	A	B	–	6883602
–	–	–	A	A	A	A	B	–	6883656
–	–	–	A	A	A	–	A	–	6883900
–	–	–	A	A	A	–	A	–	6883942
–	–	–	A	A	A	–	F	–	6883956
–	–	–	A	C	A	A	B	B	6884101
–	–	–	A	C	A	A	B	C	6884102
–	–	–	A	A	F	–	B	–	6884250
–	–	–	A	A	J	–	B	–	6884251
–	–	–	A	A	D	–	B	–	6884252
–	–	–	A	A	D	A	B	B	6884253
–	–	–	A	A	D	A	B	–	6884254
–	–	–	A	A	D	A	B	–	6884255
–	–	–	A	A	D	A	B	–	6884256
–	–	–	A	A	A	A	C	–	6884264
–	–	–	A	A	J	–	G	C	6884909
–	–	–	A	A	J	A	B	–	6885307
–	–	–	A	A	A	–	C	–	6885308
–	–	–	A	A	A	A	C	–	6885331
–	–	–	A	A	D	A	C	–	6885388
–	–	–	A	A	D	–	C	–	6885390
–	–	–	A	A	A	–	G	C	23010016

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23010356	CLBT 6061-6	E	F	–	–	A	–	B	H
23010785	CLBT 6061-4	–	C	–	–	–	H	B	H
23010994	CLT 6061-4	–	F	–	–	–	H	B	H
23011408	CLT 6061-4	–	D	–	–	–	H	B	H
23011448	CLT 6061-4	–	E	–	–	–	B	B	H
23011517	CLBT 6061-4	–	B	–	–	–	E	B	H
23011518	CLT 6061-4	–	B	–	–	–	F	B	H
23011889	CLBT 6061-6	F	F	–	–	A	–	B	H
23012057	CLT 6061-4	–	C	–	–	–	A	B	H
23012057	CLT 6061-4	–	C	–	–	–	A	B	H
23012091	CLBT 6061-6	E	C	–	–	A	–	B	M
23012217	CLBT 6061-6	E	C	–	–	A	–	B	M
23012468	CLT 6061-4	–	C	–	–	–	A	B	M
23012469	CLT 6061-4	–	C	–	–	–	B	B	H
23012482	CLBT 6061-6	A	E	–	–	A	–	B	H
23012484	CLT 6061-6	E	C	–	–	A	–	B	M
23012607	CLT 6061-4	–	C	–	–	–	K	B	H
23012647	CLT 6061-6	E	C	–	–	A	–	B	M
23012709	CLBT 6061-1	A	E	–	–	A	–	B	H
23012765	CLBT 6061-4	–	E	–	–	–	H	B	H
23013369	CLT 6061-4	–	C	–	–	–	E	B	H
23013538	CLT 6061-4	–	D	–	–	–	K	B	H
23013777	CLT 5961-3	–	K	–	E	–	B	B	M
23013836	CLT 6061-4	–	C	–	–	–	E	A	A
23014252	CLBT 6061-6	E	E	–	–	A	–	A	A
23014252	CLBT 6061-6	E	E	–	–	A	–	A	A
23014253	CLBT 5861-4	–	C	–	–	–	C	A	C
23014253	CLBT 5861-4	–	C	–	–	–	C	A	C
23014254	CLBT 6061-4	–	C	–	–	–	C	A	A
23014254	CLBT 6061-4	–	C	–	–	–	C	A	A
23014255	CLT 5861-5	–	K	–	E	–	C	A	C
23014255	CLT 5861-5	–	K	–	E	–	C	A	C
23014256	CLBT 5861-2	–	K	–	E	–	C	A	C
23014257	CLBT 6061-6	E	E	–	–	A	–	A	A
23014258	CLBT 5861-6	D	C	–	–	A	–	A	E
23014259	CLBT 5861-6	D	C	–	–	A	–	A	C
23014260	CLBT 5861-6	E	C	–	–	A	–	A	C
23014261	CLBT 5861-6	E	F	–	–	A	–	A	C
23014262	CLBT 5861-4	–	C	–	–	–	C	A	C
23014262	CLBT 5861-4	–	C	–	–	–	C	A	C

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	23010356
A	A	A	A	A	A	A	A	A	23010785
A	D	A	–	A	B	A	B	A	23010994
A	D	A	–	A	B	A	B	A	23011408
A	D	A	–	A	B	A	B	A	23011448
A	A	A	A	A	A	A	A	A	23011517
A	D	A	–	A	B	A	B	A	23011518
A	A	A	A	A	A	A	A	A	23011889
A	D	A	–	A	B	A	B	A	23012057
A	D	A	–	A	B	A	B	A	23012057
B	A	A	A	A	A	A	A	A	23012091
B	A	A	A	A	A	A	A	A	23012217
B	D	A	–	A	B	A	B	A	23012468
A	D	A	–	A	B	A	B	A	23012469
B	A	A	A	A	A	A	A	A	23012482
B	D	A	–	A	B	A	B	A	23012484
A	D	A	–	A	B	A	B	A	23012607
B	D	A	–	A	B	A	B	A	23012647
A	A	A	A	A	A	A	A	A	23012709
A	A	A	A	A	A	A	A	A	23012765
A	D	A	–	A	B	A	B	A	23013369
A	D	A	–	A	B	A	B	A	23013538
A	D	A	–	A	B	A	D	A	23013777
A	D	A	–	A	B	A	B	A	23013836
A	A	A	A	A	A	A	A	A	23014252
A	A	A	A	A	A	A	A	A	23014252
A	A	A	A	A	C	A	A	A	23014253
A	A	A	A	A	C	A	A	A	23014253
A	A	A	A	A	A	A	A	A	23014254
A	A	A	A	A	A	A	A	A	23014254
A	D	A	–	A	D	A	D	A	23014255
A	D	A	–	A	D	A	D	A	23014255
A	A	A	A	A	C	A	C	A	23014256
A	A	A	A	A	A	A	A	A	23014257
A	A	A	A	A	C	A	A	A	23014258
A	A	A	A	A	C	A	A	A	23014259
A	A	A	A	A	C	A	A	A	23014260
A	A	A	A	A	C	A	A	A	23014261
A	A	A	A	A	C	A	A	A	23014262
A	A	A	A	A	C	A	A	A	23014262

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23010356	CLBT 6061-6	B	B	A	A	B	A	A	–
23010785	CLBT 6061-4	B	B	A	A	B	A	B	–
23010994	CLT 6061-4	B	B	A	A	B	A	A	–
23011408	CLT 6061-4	B	B	A	A	B	A	B	–
23011448	CLT 6061-4	B	B	A	A	B	A	B	–
23011517	CLBT 6061-4	B	B	A	A	B	A	A	–
23011518	CLT 6061-4	B	B	A	A	B	A	A	–
23011889	CLBT 6061-6	B	B	A	A	B	A	A	–
23012057	CLT 6061-4	B	B	A	A	B	A	A	–
23012057	CLT 6061-4	B	B	A	A	B	A	A	–
23012091	CLBT 6061-6	B	B	A	A	B	A	D	–
23012217	CLBT 6061-6	B	B	A	A	B	A	A	–
23012468	CLT 6061-4	B	B	A	A	B	A	D	–
23012469	CLT 6061-4	B	B	A	A	B	A	B	–
23012482	CLBT 6061-6	B	B	A	A	B	A	B	–
23012484	CLT 6061-6	B	B	A	A	B	A	A	–
23012607	CLT 6061-4	B	B	A	A	B	A	B	–
23012647	CLT 6061-6	B	B	A	A	B	A	D	–
23012709	CLBT 6061-1	B	B	A	A	B	A	A	–
23012765	CLBT 6061-4	B	B	A	A	B	A	A	–
23013369	CLT 6061-4	B	B	A	A	B	A	B	–
23013538	CLT 6061-4	B	B	A	A	B	A	B	–
23013777	CLT 5961-3	A	A	D	A	A	A	–	C
23013836	CLT 6061-4	B	B	A	A	B	A	A	–
23014252	CLBT 6061-6	B	B	A	A	B	A	A	–
23014252	CLBT 6061-6	B	B	A	A	B	A	A	–
23014253	CLBT 5861-4	A	A	A	A	A	A	A	–
23014253	CLBT 5861-4	A	A	A	A	A	A	A	–
23014254	CLBT 6061-4	B	B	A	A	B	A	A	–
23014254	CLBT 6061-4	B	B	A	A	B	A	A	–
23014255	CLT 5861-5	A	A	D	A	A	A	–	C
23014255	CLT 5861-5	A	A	D	A	A	A	–	C
23014256	CLBT 5861-2	A	A	D	A	A	A	–	C
23014257	CLBT 6061-6	B	B	A	A	B	A	A	–
23014258	CLBT 5861-6	A	A	A	A	A	A	A	–
23014259	CLBT 5861-6	A	A	A	A	A	A	A	–
23014260	CLBT 5861-6	A	A	A	A	A	A	A	–
23014261	CLBT 5861-6	A	A	A	A	A	A	A	–
23014262	CLBT 5861-4	A	A	A	A	A	A	A	–
23014262	CLBT 5861-4	A	A	A	A	A	A	A	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A	A	A	C	B	23010356
–	–	–	A	A	A	A	B	–	23010785
–	–	–	A	A	A	–	C	–	23010994
–	–	–	A	A	D	–	A	–	23011408
–	–	–	A	A	A	–	C	–	23011448
–	–	–	A	A	A	A	B	–	23011517
–	–	–	A	A	A	–	B	–	23011518
–	–	–	A	A	A	A	C	B	23011889
–	–	–	A	A‡	A	–	G	–	23012057
–	–	–	A	E‡‡	A	–	G	–	23012057
–	–	–	A	A	A	A	B	–	23012091
–	–	–	A	A	A	A	C	–	23012217
–	–	–	A	A	A	–	C	–	23012468
–	–	–	A	A	A	–	G	–	23012469
–	–	–	A	A	D	A	B	–	23012482
–	–	–	A	A	A	–	C	–	23012484
–	–	–	A	A	A	–	A	–	23012607
–	–	–	A	A	A	–	C	–	23012647
–	–	–	A	A	D	A	B	–	23012709
–	–	–	A	A	A	A	B	–	23012765
–	–	–	A	A	E	–	A	–	23013369
–	–	–	A	A	F	–	A	–	23013538
B	B	B	E	A	A	–	A	–	23013777
–	–	–	A	A	A	–	G	–	23013836
–	–	–	A	A‡	A	A	B	B	23014252
–	–	–	A	E‡‡	A	A	B	B	23014252
–	–	–	A	A‡	A	A	A	C	23014253
–	–	–	A	E‡‡	A	A	A	C	23014253
–	–	–	A	A‡	A	A	B	C	23014254
–	–	–	A	E‡‡	A	A	B	C	23014254
B	B	B	E	A‡	A	–	A	–	23014255
B	B	B	E	E‡‡	A	–	A	–	23014255
B	B	B	E	A	A	A	A	–	23014256
–	–	–	A	D	A	A	B	B	23014257
–	–	–	A	C	A	A	B	C	23014258
–	–	–	A	C	A	A	B	C	23014259
–	–	–	A	A	A	A	B	A	23014260
–	–	–	A	A	A	A	B	A	23014261
–	–	–	A	A‡	A	A	B	C	23014262
–	–	–	A	E‡‡	A	A	B	C	23014262

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23014264	CLT 5861-5	–	K	–	E	–	B	A	C
23014264	CLT 5861-5	–	K	–	E	–	B	A	C
23014265	CLBT 5861-2	–	K	–	E	–	C	A	F
23014266	CLBT 5861-2	–	K	–	E	–	B	A	C
23014267	CLT 5861-5	–	K	–	E	–	C	A	F
23014267	CLT 5861-5	–	K	–	E	–	C	A	F
23014268	CLBT 5861-6	C	C	–	–	A	–	A	C
23014269	CLBT 5961-4	–	C	–	–	–	C	A	B
23014270	CLBT 5961-6	A	C	–	–	A	–	A	B
23014270	CLBT 5961-6	A	C	–	–	A	–	A	B
23014271	CLT 5861-5	–	K	–	E	–	C	A	E
23014271	CLT 5861-5	–	K	–	E	–	C	A	E
23014286	CLBT 6061-4	–	E	–	–	–	F	A	A
23014346	CLT 6061-4	–	F	–	–	–	C	A	A
23014346	CLT 6061-4	–	F	–	–	–	C	A	A
23014347	CLBT 5961-4	–	C	–	–	–	C	A	B
23014348	CLT 5861-4	–	C	–	–	–	C	A	C
23014348	CLT 5861-4	–	C	–	–	–	C	A	C
23014349	CLBT 6061-4	–	D	–	–	–	C	A	A
23014350	CLBT 6061-4	–	D	–	–	–	A	A	A
23014351	CLT 6061-4	–	C	–	–	–	A	A	A
23014351	CLT 6061-4	–	C	–	–	–	A	A	A
23014352	CLT 5961-4	–	C	–	–	–	C	A	B
23014352	CLT 5961-4	–	C	–	–	–	C	A	B
23014353	CLBT 5861-3	–	–	K	B	–	C	A	C
23014353	CLBT 5861-3	–	–	K	B	–	C	A	C
23014354	CLBT 5961-4	–	J	–	–	–	A	A	B
23014355	VCLBT 5861-7	C	A	–	–	A	–	B	D
23014356	VCLT 5861-7	–	A	–	–	–	C	B	D
23014357	CLBT 5861-4	–	C	–	–	–	C	A	F
23014357	CLBT 5861-4	–	C	–	–	–	C	A	F
23014359	CLBT 6061-6	A	B	–	–	A	–	A	A
23014360	CLBT 5961-6	A	D	–	–	A	–	A	A
23014360	CLBT 5961-6	A	D	–	–	A	–	A	A
23014361	CLT 5861-1	B	–	E	–	A	–	A	E
23014361	CLT 5861-1	B	–	E	–	A	–	A	E
23014362	CLT 6061-4	–	C	–	–	–	B	A	A
23014362	CLT 6061-4	–	C	–	–	–	B	A	A
23014363	CLT 5861-1	E	–	F	–	A	–	A	C
23014364	CLT 5861-1	E	–	F	–	A	–	A	E

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	D	A	D	A	23014264
A	D	A	–	A	D	A	D	A	23014264
A	A	A	A	A	C	A	C	A	23014265
A	A	A	A	A	C	A	C	A	23014266
A	D	A	–	A	D	A	D	A	23014267
A	D	A	–	A	D	A	D	A	23014267
A	A	A	A	A	C	A	A	A	23014268
A	A	A	A	A	A	A	A	A	23014269
A	A	A	A	A	A	A	A	A	23014270
A	A	A	A	A	A	A	A	A	23014270
A	D	A	–	A	D	A	D	A	23014271
A	D	A	–	A	D	A	D	A	23014271
A	A	A	A	A	A	A	A	A	23014286
A	D	A	–	A	B	A	B	A	23014346
A	D	A	–	A	B	A	B	A	23014346
A	A	A	A	A	A	A	A	A	23014347
A	D	A	–	A	D	A	B	A	23014348
A	D	A	–	A	D	A	B	A	23014348
A	A	A	A	A	A	A	A	A	23014349
A	A	A	A	A	A	A	A	A	23014350
A	D	A	–	A	B	A	B	A	23014351
A	D	A	–	A	B	A	B	A	23014351
A	D	A	–	A	B	A	B	A	23014352
A	D	A	–	A	B	A	B	A	23014352
A	A	A	A	A	C	A	C	A	23014353
A	A	A	A	A	C	A	C	A	23014353
A	A	A	A	A	A	A	A	A	23014354
A	B	A	A	A	C	A	A	A	23014355
A	C	A	–	A	D	A	B	A	23014356
A	A	A	A	A	C	A	A	A	23014357
A	A	A	A	A	C	A	A	A	23014357
A	A	A	A	A	A	A	A	A	23014359
A	A	A	A	A	A	A	A	A	23014360
A	A	A	A	A	A	A	A	A	23014360
A	D	A	–	A	D	A	D	A	23014361
A	D	A	–	A	D	A	D	A	23014361
A	D	A	–	A	B	A	B	A	23014362
A	D	A	–	A	B	A	B	A	23014362
A	D	A	–	A	D	A	D	A	23014363
A	D	A	–	A	D	A	D	A	23014364

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23014264	CLT 5861-5	A	A	D	A	A	A	–	C
23014264	CLT 5861-5	A	A	D	A	A	A	–	C
23014265	CLBT 5861-2	A	A	D	A	A	A	–	C
23014266	CLBT 5861-2	A	A	D	A	A	A	–	C
23014267	CLT 5861-5	A	A	D	A	A	A	–	C
23014267	CLT 5861-5	A	A	D	A	A	A	–	C
23014268	CLBT 5861-6	A	A	A	A	A	A	A	–
23014269	CLBT 5961-4	A	A	A	A	A	A	A	–
23014270	CLBT 5961-6	A	A	A	A	A	A	A	–
23014270	CLBT 5961-6	A	A	A	A	A	A	A	–
23014271	CLT 5861-5	A	A	D	A	A	A	–	C
23014271	CLT 5861-5	A	A	D	A	A	A	–	C
23014286	CLBT 6061-4	B	B	A	A	B	A	A	–
23014346	CLT 6061-4	B	B	A	A	B	A	A	–
23014346	CLT 6061-4	B	B	A	A	B	A	A	–
23014347	CLBT 5961-4	A	A	A	A	A	A	A	–
23014348	CLT 5861-4	A	A	A	A	A	A	A	–
23014348	CLT 5861-4	A	A	A	A	A	A	A	–
23014349	CLBT 6061-4	B	B	A	A	B	A	A	–
23014350	CLBT 6061-4	B	B	A	A	B	A	A	–
23014351	CLT 6061-4	B	B	A	A	B	A	A	–
23014351	CLT 6061-4	B	B	A	A	B	A	A	–
23014352	CLT 5961-4	A	A	A	A	A	A	A	–
23014352	CLT 5961-4	A	A	A	A	A	A	A	–
23014353	CLBT 5861-3	A	A	A	A	A	A	–	K
23014353	CLBT 5861-3	A	A	A	A	A	A	–	K
23014354	CLBT 5961-4	A	A	C	A	A	A	G	–
23014355	VCLBT 5861-7	A	A	C	A	A	A	H	–
23014356	VCLT 5861-7	A	A	C	A	A	A	H	–
23014357	CLBT 5861-4	A	A	A	A	A	A	A	–
23014357	CLBT 5861-4	A	A	A	A	A	A	A	–
23014359	CLBT 6061-6	B	B	A	A	B	A	A	–
23014360	CLBT 5961-6	A	A	A	A	A	A	A	–
23014360	CLBT 5961-6	A	A	A	A	A	A	A	–
23014361	CLT 5861-1	A	A	B	A	A	A	–	A
23014361	CLT 5861-1	A	A	B	A	A	A	–	A
23014362	CLT 6061-4	B	B	A	A	B	A	A	–
23014362	CLT 6061-4	B	B	A	A	B	A	A	–
23014363	CLT 5861-1	A	A	B	A	A	A	–	A
23014364	CLT 5861-1	A	A	B	A	A	A	–	A

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	B	B	E	A‡	A	–	A	–	23014264
B	B	B	E	E‡‡	A	–	A	–	23014264
B	B	B	E	A	A	A	A	–	23014265
B	B	B	E	A	A	A	A	–	23014266
B	B	B	E	A‡	A	–	A	–	23014267
B	B	B	E	E‡‡	A	–	A	–	23014267
–	–	–	A	A	A	A	B	C	23014268
–	–	–	A	A	A	A	B	C	23014269
–	–	–	A	A‡	A	A	C	C	23014270
–	–	–	A	E‡‡	A	A	C	C	23014270
B	B	B	E	A‡	A	–	A	–	23014271
B	B	B	E	E‡‡	A	–	A	–	23014271
–	–	–	A	A	A	A	B	–	23014286
–	–	–	A	A‡	A	–	A	–	23014346
–	–	–	A	E‡‡	A	–	A	–	23014346
–	–	–	A	A	A	A	B	–	23014347
–	–	–	A	A‡	A	–	A	–	23014348
–	–	–	A	E‡‡	A	–	A	–	23014348
–	–	–	A	A	A	A	B	–	23014349
–	–	–	A	A	A	A	B	–	23014350
–	–	–	A	A‡	A	–	A	–	23014351
–	–	–	A	E‡‡	A	–	A	–	23014351
–	–	–	A	A‡	A	–	A	–	23014352
–	–	–	A	E‡‡	A	–	A	–	23014352
A	–	–	E	A‡	A	A	A	–	23014353
A	–	–	E	E‡‡	A	A	A	–	23014353
–	–	–	A	A	G	A	B	–	23014354
–	–	–	A	B	G	A	B	–	23014355
–	–	–	A	B	G	–	F	–	23014356
–	–	–	A	A‡	A	A	A	–	23014357
–	–	–	A	E‡‡	A	A	A	–	23014357
–	–	–	A	A	A	A	B	–	23014359
–	–	–	A	A‡	A	A	B	–	23014360
–	–	–	A	E‡‡	A	A	B	–	23014360
H	–	–	D	A‡	G	–	B	–	23014361
H	–	–	D	E‡‡	G	–	B	–	23014361
–	–	–	A	A‡	A	–	A	–	23014362
–	–	–	A	E‡‡	A	–	A	–	23014362
H	–	–	D	A	G	–	B	–	23014363
H	–	–	D	A	G	–	B	–	23014364

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23014365	CLBT 5961-1	B	–	G	–	A	–	A	B
23014366	CLBT 5961-6	A	C	–	–	A	–	A	B
23014366	CLBT 5961-6	A	C	–	–	A	–	A	B
23014367	CLBT 6061-6	E	D	–	–	A	–	A	A
23014367	CLBT 6061-6	E	D	–	–	A	–	A	A
23014368	CLT 5861-1	A	–	C	–	A	–	A	E
23014369	CLBT 5861-9	A	–	C	–	A	–	A	E
23014370	CLBT 5861-3	–	–	K	B	–	D	A	E
23014370	CLBT 5861-3	–	–	K	B	–	D	A	E
23014371	CLBT 5861-4	–	C	–	–	–	D	A	E
23014371	CLBT 5861-4	–	C	–	–	–	D	A	E
23014372	CLT 5861-4	–	C	–	–	–	D	A	E
23014372	CLT 5861-4	–	C	–	–	–	D	A	E
23014373	CLBT 5861-4	–	C	–	–	–	C	A	C
23014373	CLBT 5861-4	–	C	–	–	–	C	A	C
23014374	CLT 5961-10	A	–	A	D	A	–	A	A
23014374	CLT 5961-10	A	–	A	D	A	–	A	A
23014375	CLT 5961-3	–	A	–	–	–	D	A	A
23014376	CLBT 5961-6	E	C	–	–	A	–	A	B
23014377	CLT 6061-4	–	D	–	–	–	C	A	A
23014377	CLT 6061-4	–	D	–	–	–	C	A	A
23014378	CLT 6061-4	–	E	–	–	–	B	A	A
23014378	CLT 6061-4	–	E	–	–	–	B	A	A
23014379	CLBT 5861-4	–	C	–	–	–	B	A	C
23014379	CLBT 5861-4	–	C	–	–	–	B	A	C
23014381	CLBT 6061-6	E	C	–	–	A	–	A	B
23014381	CLBT 6061-6	E	C	–	–	A	–	A	B
23014382	CLBT 5961-6	A	B	–	–	A	–	A	B
23014383	CLT 5861-4	–	C	–	–	–	B	A	C
23014383	CLT 5861-4	–	C	–	–	–	B	A	C
23014384	CLBT 5861-4	–	C	–	–	–	E	A	B
23014384	CLBT 5861-4	–	C	–	–	–	E	A	B
23014385	CLBT 5961-4	–	D	–	–	–	E	A	B
23014385	CLBT 5961-4	–	D	–	–	–	E	A	B
23014386	CLT 5961-5	–	K	–	E	–	C	A	B
23014386	CLT 5961-5	–	K	–	E	–	C	A	B
23014387	VCLT 5961-1	B	–	G	–	A	–	B	D
23014388	VCLBT 5961-9	B	–	G	–	A	–	B	D
23014389	CLBT 5861-6	A	B	–	–	A	–	A	E
23014390	CLT 6061-4	–	C	–	–	–	E	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	C	A	23014365
A	A	A	A	A	A	A	A	A	23014366
A	A	A	A	A	A	A	A	A	23014366
A	A	A	A	A	A	A	A	A	23014367
A	A	A	A	A	A	A	A	A	23014367
A	D	A	–	A	D	A	D	A	23014368
A	A	A	A	A	C	A	C	A	23014369
A	A	A	A	A	C	A	C	A	23014370
A	A	A	A	A	C	A	C	A	23014370
A	A	A	A	A	C	A	A	A	23014371
A	A	A	A	A	C	A	A	A	23014371
A	D	A	–	A	D	A	B	A	23014372
A	D	A	–	A	D	A	B	A	23014372
A	A	A	A	A	C	A	A	A	23014373
A	A	A	A	A	C	A	A	A	23014373
A	D	A	–	A	B	A	D	A	23014374
A	D	A	–	A	B	A	D	A	23014374
A	D	A	–	A	B	A	B	A	23014375
A	A	A	A	A	A	A	A	A	23014376
A	D	A	–	A	B	A	B	A	23014377
A	D	A	–	A	B	A	B	A	23014377
A	D	A	–	A	B	A	B	A	23014378
A	D	A	–	A	B	A	B	A	23014378
A	A	A	A	A	C	A	A	A	23014379
A	A	A	A	A	C	A	A	A	23014379
A	A	A	A	A	A	A	A	A	23014381
A	A	A	A	A	A	A	A	A	23014381
A	A	A	A	A	A	A	A	A	23014382
A	D	A	–	A	D	A	B	A	23014383
A	D	A	–	A	D	A	B	A	23014383
A	A	A	A	A	C	A	A	A	23014384
A	A	A	A	A	C	A	A	A	23014384
A	A	A	A	A	A	A	A	A	23014385
A	A	A	A	A	A	A	A	A	23014385
A	D	A	–	A	B	A	D	A	23014386
A	D	A	–	A	B	A	D	A	23014386
A	C	A	–	A	B	A	D	A	23014387
A	B	A	A	A	A	A	C	A	23014388
A	A	A	A	A	C	A	A	A	23014389
A	D	A	–	A	B	A	B	A	23014390

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23014365	CLBT 5961-1	A	A	B	A	A	A	–	A
23014366	CLBT 5961-6	A	A	A	A	A	A	A	–
23014366	CLBT 5961-6	A	A	A	A	A	A	A	–
23014367	CLBT 6061-6	B	B	A	A	B	A	A	–
23014367	CLBT 6061-6	B	B	A	A	B	A	A	–
23014368	CLT 5861-1	A	A	B	A	A	A	–	A
23014369	CLBT 5861-9	A	A	B	A	A	A	–	A
23014370	CLBT 5861-3	A	A	B	A	A	A	–	K
23014370	CLBT 5861-3	A	A	B	A	A	A	–	K
23014371	CLBT 5861-4	A	A	A	A	A	A	A	–
23014371	CLBT 5861-4	A	A	A	A	A	A	A	–
23014372	CLT 5861-4	A	A	A	A	A	A	A	–
23014372	CLT 5861-4	A	A	A	A	A	A	A	–
23014373	CLBT 5861-4	A	A	A	A	A	A	A	–
23014373	CLBT 5861-4	A	A	A	A	A	A	A	–
23014374	CLT 5961-10	A	A	B	A	A	A	–	K
23014374	CLT 5961-10	A	A	B	A	A	A	–	K
23014375	CLT 5961-3	A	A	C	A	A	A	H	–
23014376	CLBT 5961-6	A	A	A	A	A	A	A	–
23014377	CLT 6061-4	B	B	A	A	B	A	A	–
23014377	CLT 6061-4	B	B	A	A	B	A	A	–
23014378	CLT 6061-4	B	B	A	A	B	A	A	–
23014378	CLT 6061-4	B	B	A	A	B	A	A	–
23014379	CLBT 5861-4	A	A	A	A	A	A	A	–
23014379	CLBT 5861-4	A	A	A	A	A	A	A	–
23014381	CLBT 6061-6	B	B	A	A	B	A	A	–
23014381	CLBT 6061-6	B	B	A	A	B	A	A	–
23014382	CLBT 5961-6	A	A	A	A	A	A	A	–
23014383	CLT 5861-4	A	A	A	A	A	A	A	–
23014383	CLT 5861-4	A	A	A	A	A	A	A	–
23014384	CLBT 5861-4	A	A	A	A	A	A	A	–
23014384	CLBT 5861-4	A	A	A	A	A	A	A	–
23014385	CLBT 5961-4	A	A	A	A	A	A	A	–
23014385	CLBT 5961-4	A	A	A	A	A	A	A	–
23014386	CLT 5961-5	A	A	D	A	A	A	–	C
23014386	CLT 5961-5	A	A	D	A	A	A	–	C
23014387	VCLT 5961-1	A	A	B	A	A	A	–	A
23014388	VCLBT 5961-9	A	A	B	A	A	A	–	A
23014389	CLBT 5861-6	A	A	A	A	A	A	A	–
23014390	CLT 6061-4	B	B	A	A	B	A	A	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
H	–	–	D	A	G	A	B	–	23014365
–	–	–	A	A‡	A	A	B	–	23014366
–	–	–	A	E‡‡	A	A	B	–	23014366
–	–	–	A	A‡	A	A	B	–	23014367
–	–	–	A	E‡‡	A	A	B	–	23014367
H	–	–	D	A	G	–	B	–	23014368
H	–	–	D	A	G	A	B	–	23014369
A	–	–	E	A‡	A	A	A	–	23014370
A	–	–	E	E‡‡	A	A	A	–	23014370
–	–	–	A	A‡	A	A	A	–	23014371
–	–	–	A	E‡‡	A	A	A	–	23014371
–	–	–	A	A‡	A	–	A	–	23014372
–	–	–	A	E‡‡	A	–	A	–	23014372
–	–	–	A	A‡	A	A	A	–	23014373
–	–	–	A	E‡‡	A	A	A	–	23014373
A	–	–	E	A‡	A	–	C	–	23014374
A	–	–	E	E‡‡	A	–	C	–	23014374
–	–	–	A	A	A	–	C	–	23014375
–	–	–	A	A	A	A	C	–	23014376
–	–	–	A	A‡	A	–	A	–	23014377
–	–	–	A	E‡‡	A	–	A	–	23014377
–	–	–	A	A‡	A	–	C	–	23014378
–	–	–	A	E‡‡	A	–	C	–	23014378
–	–	–	A	A‡	A	A	A	–	23014379
–	–	–	A	E‡‡	A	A	A	–	23014379
–	–	–	A	A‡	A	A	C	–	23014381
–	–	–	A	E‡‡	A	A	C	–	23014381
–	–	–	A	A	A	A	B	–	23014382
–	–	–	A	A‡	G	–	A	–	23014383
–	–	–	A	E‡‡	G	–	A	–	23014383
–	–	–	A	A‡	A	A	B	–	23014384
–	–	–	A	E‡‡	A	A	B	–	23014384
–	–	–	A	A‡	G	A	D	–	23014385
–	–	–	A	E‡‡	G	A	D	–	23014385
B	B	B	E	A‡	A	–	A	–	23014386
B	B	B	E	E‡‡	A	–	A	–	23014386
H	–	–	D	B	G	–	B	–	23014387
H	–	–	D	B	G	A	B	–	23014388
–	–	–	A	A	A	A	B	–	23014389
–	–	–	A	A	A	–	A	–	23014390

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23014391	CLBT 5861-4	–	D	–	–	–	C	A	B
23014391	CLBT 5861-4	–	D	–	–	–	C	A	B
23014392	CLT 6061-4	–	D	–	–	–	D	A	A
23014392	CLT 6061-4	–	D	–	–	–	D	A	A
23014419	CLBT 6061-4	–	C	–	–	–	H	B	H
23014438	CLBT 6061-4	–	C	–	–	–	C	A	A
23014438	CLBT 6061-4	–	C	–	–	–	C	A	A
23014439	CLT 5861-4	–	C	–	–	–	B	A	B
23014439	CLT 5861-4	–	C	–	–	–	B	A	B
23014453	CLT 6061	–	C	–	–	–	B	A	A
23014479	CLT 6061-4	–	C	–	–	–	B	A	A
23014479	CLT 6061-4	–	C	–	–	–	B	A	A
23014480	CLT 5961-5	–	K	–	E	–	D	A	B
23014480	CLT 5961-5	–	K	–	E	–	D	A	B
23014481	CLT 6061-4	–	C	–	–	–	D	A	A
23014481	CLT 6061-4	–	C	–	–	–	D	A	A
23014482	CLBT 6061-4	–	E	–	–	–	E	A	A
23014483	CLT 5961-4	–	C	–	–	–	C	A	B
23014483	CLT 5961-4	–	C	–	–	–	C	A	B
23014484	CLBT 6061-6	A	E	–	–	A	–	A	A
23014485	CLBT 5961-4	–	C	–	–	–	E	A	B
23014486	CLT 6061-4	–	F	–	–	–	C	A	A
23014486	CLT 6061-4	–	F	–	–	–	C	A	A
23014487	CLBT 6061-4	–	E	–	–	–	C	A	A
23014487	CLBT 6061-4	–	E	–	–	–	C	A	A
23014509	CLT 6061-4	–	B	–	–	–	E	A	A
23014510	CLBT 6061	–	D	–	–	–	E	A	A
23014511	CLBT 6061-4	–	B	–	–	–	E	A	A
23014511	CLBT 6061-4	–	B	–	–	–	E	A	A
23014520	CLBT 5961-4	–	D	–	–	–	C	A	B
23014535	CLBT 5861	B	–	E	–	A	–	A	E
23014655	CLT 5861-4	–	C	–	–	–	C	A	B
23014655	CLT 5861-4	–	C	–	–	–	C	A	B
23014664	CLT 5961-4	–	C	–	–	–	B	A	B
23014679	CLBT 6061-4	–	C	–	–	–	A	A	A
23014686	VCLT 5961	–	–	A	B	–	C	B	D
23014690	CLT 5861-4	–	C	–	–	–	B	A	C
23014690	CLT 5861-4	–	C	–	–	–	B	A	C
23014693	CLT 6061-4	–	F	–	–	–	D	A	A
23014693	CLT 6061-4	–	F	–	–	–	D	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	C	A	A	A	23014391
A	A	A	A	A	C	A	A	A	23014391
A	D	A	–	A	B	A	B	A	23014392
A	D	A	–	A	B	A	B	A	23014392
A	A	A	A	A	A	A	A	A	23014419
A	A	A	A	A	A	A	A	A	23014438
A	A	A	A	A	A	A	A	A	23014438
A	D	A	–	A	D	A	B	A	23014439
A	D	A	–	A	D	A	B	A	23014439
A	D	A	–	A	B	A	B	A	23014453
A	D	A	–	A	B	A	B	A	23014479
A	D	A	–	A	B	A	B	A	23014479
A	D	A	–	A	B	A	D	A	23014480
A	D	A	–	A	B	A	D	A	23014480
A	D	A	–	A	B	A	B	A	23014481
A	D	A	–	A	B	A	B	A	23014481
A	A	A	A	A	A	A	A	A	23014482
A	D	A	–	A	B	A	B	A	23014483
A	D	A	–	A	B	A	B	A	23014483
A	A	A	A	A	A	A	A	A	23014484
A	A	A	A	A	A	A	A	A	23014485
A	D	A	–	A	B	A	B	A	23014486
A	D	A	–	A	B	A	B	A	23014486
A	A	A	A	A	A	A	A	A	23014487
A	A	A	A	A	A	A	A	A	23014487
A	D	A	–	A	B	A	B	A	23014509
A	A	A	A	A	A	A	A	A	23014510
A	A	A	A	A	A	A	A	A	23014511
A	A	A	A	A	A	A	A	A	23014511
A	A	A	A	A	A	A	A	A	23014520
A	A	A	A	A	C	A	C	A	23014535
A	D	A	–	A	D	A	B	A	23014655
A	D	A	–	A	D	A	B	A	23014655
A	D	A	–	A	B	A	B	A	23014664
A	A	A	A	A	A	A	A	A	23014679
A	C	A	–	A	B	A	D	A	23014686
A	D	A	–	A	D	A	B	A	23014690
A	D	A	–	A	D	A	B	A	23014690
A	D	A	–	A	B	A	B	A	23014693
A	D	A	–	A	B	A	B	A	23014693

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23014391	CLBT 5861-4	A	A	A	A	A	A	A	–
23014391	CLBT 5861-4	A	A	A	A	A	A	A	–
23014392	CLT 6061-4	B	B	A	A	B	A	A	–
23014392	CLT 6061-4	B	B	A	A	B	A	A	–
23014419	CLBT 6061-4	B	B	A	A	B	A	A	–
23014438	CLBT 6061-4	B	B	A	A	B	A	A	–
23014438	CLBT 6061-4	B	B	A	A	B	A	A	–
23014439	CLT 5861-4	A	A	A	A	A	A	A	–
23014439	CLT 5861-4	A	A	A	A	A	A	A	–
23014453	CLT 6061	B	B	A	A	B	A	B	–
23014479	CLT 6061-4	B	B	A	A	B	A	A	–
23014479	CLT 6061-4	B	B	A	A	B	A	A	–
23014480	CLT 5961-5	A	A	D	A	A	A	–	C
23014480	CLT 5961-5	A	A	D	A	A	A	–	C
23014481	CLT 6061-4	B	B	A	A	B	A	A	–
23014481	CLT 6061-4	B	B	A	A	B	A	A	–
23014482	CLBT 6061-4	B	B	A	A	B	A	A	–
23014483	CLT 5961-4	A	A	A	A	A	A	A	–
23014483	CLT 5961-4	A	A	A	A	A	A	A	–
23014484	CLBT 6061-6	B	B	A	A	B	A	A	–
23014485	CLBT 5961-4	A	A	A	A	A	A	A	–
23014486	CLT 6061-4	B	B	A	A	B	A	A	–
23014486	CLT 6061-4	B	B	A	A	B	A	A	–
23014487	CLBT 6061-4	B	B	A	A	B	A	A	–
23014487	CLBT 6061-4	B	B	A	A	B	A	A	–
23014509	CLT 6061-4	B	B	A	A	B	A	A	–
23014510	CLBT 6061	B	B	A	A	B	A	A	–
23014511	CLBT 6061-4	B	B	A	A	B	A	A	–
23014511	CLBT 6061-4	B	B	A	A	B	A	A	–
23014520	CLBT 5961-4	A	A	A	A	A	A	A	–
23014535	CLBT 5861	A	A	A	A	A	A	–	A
23014655	CLT 5861-4	A	A	A	A	A	A	A	–
23014655	CLT 5861-4	A	A	A	A	A	A	A	–
23014664	CLT 5961-4	A	A	A	A	A	A	A	–
23014679	CLBT 6061-4	B	B	A	A	B	A	A	–
23014686	VCLT 5961	A	A	B	A	A	A	–	F
23014690	CLT 5861-4	A	A	A	A	A	A	A	–
23014690	CLT 5861-4	A	A	A	A	A	A	A	–
23014693	CLT 6061-4	B	B	A	A	B	A	A	–
23014693	CLT 6061-4	B	B	A	A	B	A	A	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A‡	A	A	B	–	23014391
–	–	–	A	E‡‡	A	A	B	–	23014391
–	–	–	A	A‡	A	–	A	–	23014392
–	–	–	A	E‡‡	A	–	A	–	23014392
–	–	–	A	A	D	A	B	–	23014419
–	–	–	A	A‡	A	A	B	–	23014438
–	–	–	A	E‡‡	A	A	B	–	23014438
–	–	–	A	A‡	A	–	A	–	23014439
–	–	–	A	E‡‡	A	–	A	–	23014439
–	–	–	A	A	E	–	B	–	23014453
–	–	–	A	A‡	A	–	G	–	23014479
–	–	–	A	E‡‡	A	–	G	–	23014479
B	B	B	E	A‡	A	–	A	–	23014480
B	B	B	E	E‡‡	A	–	A	–	23014480
–	–	–	A	A‡	A	–	A	–	23014481
–	–	–	A	E‡‡	A	–	A	–	23014481
–	–	–	A	A	A	A	C	–	23014482
–	–	–	A	A‡	A	–	B	–	23014483
–	–	–	A	E‡‡	A	–	B	–	23014483
–	–	–	A	A	A	A	B	–	23014484
–	–	–	A	A	A	A	C	–	23014485
–	–	–	A	A‡	A	–	C	–	23014486
–	–	–	A	E‡‡	A	–	C	–	23014486
–	–	–	A	A‡	A	A	B	–	23014487
–	–	–	A	E‡‡	A	A	B	–	23014487
–	–	–	A	A	A	–	B	–	23014509
–	–	–	A	A	A	A	B	C	23014510
–	–	–	A	A‡	A	A	B	–	23014511
–	–	–	A	E‡‡	A	A	B	–	23014511
–	–	–	A	A	G	A	C	–	23014520
H	–	–	D	A	G	A	B	–	23014535
–	–	–	A	A‡	A	–	A	–	23014655
–	–	–	A	E‡‡	A	–	A	–	23014655
–	–	–	A	A	A	–	B	–	23014664
–	–	–	A	A	A	A	B	–	23014679
D	D	D	E	B	A	–	B	C	23014686
–	–	–	A	A‡	A	–	A	A	23014690
–	–	–	A	E‡‡	A	–	A	A	23014690
–	–	–	A	A‡	A	–	G	–	23014693
–	–	–	A	E‡‡	A	–	G	–	23014693

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23014698	CLT 5861-4	–	C	–	–	–	D	A	B
23014698	CLT 5861-4	–	C	–	–	–	D	A	B
23014703	CLBT 5961-1	E	A	K	B	A	–	A	B
23014708	CLT 5861-1	E	–	B	–	A	–	A	F
23014708	CLT 5861-1	E	–	B	–	A	–	A	F
23014900	CLBT 5861-9	A	–	B	–	A	–	A	E
23014912	CLBT 5961-4	–	D	–	–	–	E	A	B
23014915	CLT 5861-9	A	–	B	–	A	–	A	E
23014915	CLT 5861-9	A	–	B	–	A	–	A	E
23014928	CLBT 5861-4	–	C	–	–	–	E	A	E
23014936	CLT 6061-4	–	C	–	–	–	C	A	A
23014936	CLT 6061-4	–	C	–	–	–	C	A	A
23014957	CLBT 5961-6	D	C	–	–	A	–	A	A
23014963	CLBT 5861-2	–	K	–	E	–	B	A	B
23014963	CLBT 5861-2	–	K	–	E	–	B	A	B
23014969	CLT 6061-4	–	C	–	–	–	D	A	B
23014985	CLBT 5861-4	–	D	–	–	–	E	A	C
23014985	CLBT 5861-4	–	D	–	–	–	E	A	C
23014987	CLT 5861-5	–	K	–	E	–	D	A	B
23014987	CLT 5861-5	–	K	–	E	–	D	A	B
23014989	CLBT 5861-4	–	C	–	–	–	E	A	E
23015012	CLBT 5861-4	–	C	–	–	–	E	A	F
23015013	VCLBT 5961-5	–	A	–	–	–	C	B	D
23015021	CLBT 5961-2	–	–	B	–	–	C	A	A
23015021	CLBT 5961-2	–	–	B	–	–	C	A	A
23015030	CLT 5861-5	–	K	–	E	–	B	A	B
23015030	CLT 5861-5	–	K	–	E	–	B	A	B
23015038	CLT 5861-4	–	C	–	–	–	E	A	E
23015107	CLBT 6061-4	–	E	–	–	–	E	A	A
23015108	CLT 5961-5	–	–	H	C	–	E	A	B
23015108	CLT 5961-5	–	–	H	C	–	E	A	B
23015118	CLBT 5961-6	E	C	–	–	A	–	A	B
23015140	CLBT 5961-6	D	C	–	–	A	–	A	A
23015217	CLBT 6061-6	E	C	–	–	A	–	A	B
23015233	CLBT 5861-9	A	–	B	–	A	–	A	E
23015233	CLBT 5861-9	A	–	B	–	A	–	A	E
23015234	CLBT 5961-1	B	–	G	–	A	–	A	B
23015234	CLBT 5961-1	B	–	G	–	A	–	A	B
23015237	CLT 5861-1	E	–	B	–	A	–	A	F
23015265	CLT 5961-3	A	A	–	–	A	–	A	A

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	D	A	B	A	23014698
A	D	A	–	A	D	A	B	A	23014698
A	A	A	A	A	A	A	C	A	23014703
A	D	A	–	A	D	A	D	A	23014708
A	D	A	–	A	D	A	D	A	23014708
A	A	A	A	A	C	A	C	A	23014900
A	A	A	A	A	A	A	A	A	23014912
A	D	A	–	A	D	A	D	A	23014915
A	D	A	–	A	D	A	D	A	23014915
A	A	A	A	A	C	A	A	A	23014928
A	D	A	–	A	B	A	B	A	23014936
A	D	A	–	A	B	A	B	A	23014936
A	A	A	A	A	A	A	A	A	23014957
A	A	A	A	A	C	A	C	A	23014963
A	A	A	A	A	C	A	C	A	23014963
A	D	A	–	A	B	A	B	A	23014969
A	A	A	A	A	C	A	A	A	23014985
A	A	A	A	A	C	A	A	A	23014985
A	D	A	–	A	D	A	D	A	23014987
A	D	A	–	A	D	A	D	A	23014987
A	A	A	A	A	C	A	A	A	23014989
A	A	A	A	A	C	A	A	A	23015012
A	B	A	A	A	A	A	A	A	23015013
A	A	A	A	A	A	A	C	A	23015021
A	A	A	A	A	A	A	C	A	23015021
A	D	A	–	A	D	A	D	A	23015030
A	D	A	–	A	D	A	D	A	23015030
A	D	A	–	A	D	A	B	A	23015038
A	A	A	A	A	A	A	A	A	23015107
A	D	A	–	A	B	A	D	A	23015108
A	D	A	–	A	B	A	D	A	23015108
A	A	A	A	A	A	A	A	A	23015118
A	A	A	A	A	A	A	A	A	23015140
A	A	A	A	A	A	A	A	A	23015217
A	A	A	A	A	C	A	C	A	23015233
A	A	A	A	A	C	A	C	A	23015233
A	A	A	A	A	A	A	C	A	23015234
A	A	A	A	A	A	A	C	A	23015234
A	D	A	–	A	D	A	D	A	23015237
A	D	A	–	A	B	A	B	A	23015265

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23014698	CLT 5861-4	A	A	A	A	A	A	A	–
23014698	CLT 5861-4	A	A	A	A	A	A	A	–
23014703	CLBT 5961-1	A	A	D	A	A	A	–	F
23014708	CLT 5861-1	A	A	B	A	A	A	–	K
23014708	CLT 5861-1	A	A	B	A	A	A	–	K
23014900	CLBT 5861-9	A	A	B	A	A	A	–	K
23014912	CLBT 5961-4	A	A	A	A	A	A	A	–
23014915	CLT 5861-9	A	A	B	A	A	A	–	K
23014915	CLT 5861-9	A	A	B	A	A	A	–	K
23014928	CLBT 5861-4	A	A	A	A	A	A	A	–
23014936	CLT 6061-4	B	B	A	A	B	A	A	–
23014936	CLT 6061-4	B	B	A	A	B	A	A	–
23014957	CLBT 5961-6	A	A	A	A	A	A	A	–
23014963	CLBT 5861-2	A	A	D	A	A	A	–	C
23014963	CLBT 5861-2	A	A	D	A	A	A	–	C
23014969	CLT 6061-4	B	B	A	A	B	A	A	–
23014985	CLBT 5861-4	A	A	A	A	A	A	A	–
23014985	CLBT 5861-4	A	A	A	A	A	A	A	–
23014987	CLT 5861-5	A	A	D	A	A	A	–	C
23014987	CLT 5861-5	A	A	D	A	A	A	–	C
23014989	CLBT 5861-4	A	A	A	A	A	A	A	–
23015012	CLBT 5861-4	A	A	A	A	A	A	A	–
23015013	VCLBT 5961-5	A	A	C	A	A	A	H	–
23015021	CLBT 5961-2	A	A	D	A	A	A	–	K
23015021	CLBT 5961-2	A	A	D	A	A	A	–	K
23015030	CLT 5861-5	A	A	D	A	A	A	–	C
23015030	CLT 5861-5	A	A	D	A	A	A	–	C
23015038	CLT 5861-4	A	A	A	A	A	A	A	–
23015107	CLBT 6061-4	B	B	A	A	B	A	A	–
23015108	CLT 5961-5	A	A	B	A	A	A	–	F
23015108	CLT 5961-5	A	A	B	A	A	A	–	F
23015118	CLBT 5961-6	A	A	A	A	A	A	A	–
23015140	CLBT 5961-6	A	A	A	A	A	A	A	–
23015217	CLBT 6061-6	B	B	A	A	B	A	A	–
23015233	CLBT 5861-9	A	A	B	A	A	A	–	H
23015233	CLBT 5861-9	A	A	B	A	A	A	–	H
23015234	CLBT 5961-1	A	A	B	A	A	A	–	A
23015234	CLBT 5961-1	A	A	B	A	A	A	–	A
23015237	CLT 5861-1	A	A	B	A	A	A	–	K
23015265	CLT 5961-3	A	A	C	A	A	A	H	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A‡	G	–	A	–	23014698
–	–	–	A	E‡‡	G	–	A	–	23014698
C	C	C	E	A	A	A	B	–	23014703
F	–	–	E	A‡	G	–	A	–	23014708
F	–	–	E	E‡‡	G	–	A	–	23014708
F	–	–	E	A	G	A	B	–	23014900
–	–	–	A	E	A	A	B	–	23014912
F	–	–	E	A‡	G	–	B	–	23014915
F	–	–	E	E‡‡	G	–	B	–	23014915
–	–	–	A	A	A	D	B	–	23014928
–	–	–	A	A‡	A	–	B	–	23014936
–	–	–	A	E‡‡	A	–	B	–	23014936
–	–	–	A	A	A	A	B	–	23014957
B	B	B	E	A‡	A	A	A	–	23014963
B	B	B	E	E‡‡	A	A	A	–	23014963
–	–	–	A	A	A	–	A	–	23014969
–	–	–	A	A‡	A	A	B	–	23014985
–	–	–	A	E‡‡	A	A	B	–	23014985
B	B	B	E	A‡	A	–	A	–	23014987
B	B	B	E	E‡‡	A	–	A	–	23014987
–	–	–	A	A	A	D	A	–	23014989
–	–	–	A	A	A	D	C	C	23015012
–	–	–	A	B	G	A	F	–	23015013
F	E	E	E	A‡	G	A	D	–	23015021
F	E	E	E	E‡‡	G	A	D	–	23015021
B	B	B	E	A‡	A	–	A	–	23015030
B	B	B	E	E‡‡	A	–	A	–	23015030
–	–	–	A	A	A	–	A	–	23015038
–	–	–	A	A	A	A	C	B	23015107
E	D	D	E	A‡	G	–	D	C	23015108
E	D	D	E	E‡‡	G	–	D	C	23015108
–	–	–	A	C	A	A	B	C	23015118
–	–	–	A	A	A	A	B	C	23015140
–	–	–	A	A	A	A	B	–	23015217
F	–	–	D	A‡	G	A	B	–	23015233
F	–	–	D	E‡‡	G	A	B	–	23015233
H	–	–	D	A‡	G	A	B	–	23015234
H	–	–	D	E‡‡	G	A	B	–	23015234
F	–	–	E	A	K	–	A	–	23015237
–	–	–	A	A‡	A	–	C	–	23015265

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23015265	CLT 5961-3	A	A	–	–	A	–	A	A
23015389	CLBT 5861-6	D	C	–	–	A	–	A	E
23015527	CLT 5861-5	–	K	–	E	–	B	A	E
23015527	CLT 5861-5	–	K	–	E	–	B	A	E
23015528	CLBT 5861-6	D	C	–	–	A	–	A	C
23015529	CLT 5861-5	–	K	–	E	–	D	A	C
23015529	CLT 5861-5	–	K	–	E	–	D	A	C
23015659	CLBT 5861-2	–	K	–	E	–	D	A	C
23015659	CLBT 5861-2	–	K	–	E	–	D	A	C
23015713	CLBT 6061-4	–	C	–	–	–	C	A	A
23015856	CLT 5861-4	–	C	–	–	–	A	A	E
23015862	CLBT 5861-6	D	C	–	–	A	–	A	F
23015863	CLBT 6061-6	E	C	–	–	A	–	A	A
23017142	CLBT 5861	D	C	–	–	A	–	A	F
23017142	CLBT 5861	D	C	–	–	A	–	A	F
23017343	CLBT 5861-4	–	C	–	–	–	C	A	E
23017343	CLBT 5861-4	–	C	–	–	–	C	A	E
23017623	CLBT 5961-4	–	E	–	–	–	A	A	B
23017623	CLBT 5961-4	–	E	–	–	–	A	A	B
23017721	CLBT 6061-6	E	E	–	–	A	–	A	A
23018505	VCLT 5961-5	–	–	M	C	–	E	B	D
23018718	CLT 5961-5	–	–	M	C	–	E	A	B
23018718	CLT 5961-5	–	–	M	C	–	E	A	B
23019055	CLBT 6061-10	E	A	–	–	A	–	A	B
23019055	CLBT 6061-10	E	A	–	–	A	–	A	B
23019056	CLBT 6061-6	–	B	–	–	–	A	A	A
23019056	CLBT 6061-6	–	B	–	–	–	A	A	A
23019072	CLBT 6061-4	E	E	–	–	A	–	A	A
23019072	CLBT 6061-4	E	E	–	–	A	–	A	A
23019127	CLBT 5861	–	–	A	–	–	C	A	G
23019236	CLBT 5861-4	–	C	–	–	–	C	A	F
23019236	CLBT 5861-4	–	C	–	–	–	C	A	F
23019241	CLBT 5861-4	–	–	B	–	–	C	A	G
23019242	CLBT 5961-1	B	–	G	–	A	–	A	B
23019282	CLT 5861-4	–	C	–	–	–	C	A	F
23019282	CLT 5861-4	–	C	–	–	–	C	A	F
23019317	CLBT 5961-4	–	C	–	–	–	C	A	B
23019357	CLBT 5861-4	–	B	–	–	–	C	A	G
23019357	CLBT 5861-4	–	B	–	–	–	C	A	G
23019358	CLBT 6061-4	–	C	–	–	–	A	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	23015265
A	A	A	A	A	C	A	A	A	23015389
A	D	A	–	A	D	A	D	A	23015527
A	D	A	–	A	D	A	D	A	23015527
A	A	A	A	A	C	A	A	A	23015528
A	D	A	–	A	D	A	D	A	23015529
A	D	A	–	A	D	A	D	A	23015529
A	A	A	A	A	C	A	C	A	23015659
A	A	A	A	A	C	A	C	A	23015659
A	A	A	A	A	A	A	A	A	23015713
A	D	A	–	A	D	A	B	A	23015856
A	A	A	A	A	C	A	A	A	23015862
A	A	A	A	A	A	A	A	A	23015863
A	A	A	A	A	C	A	A	A	23017142
A	A	A	A	A	C	A	A	A	23017142
A	A	A	A	A	C	A	A	A	23017343
A	A	A	A	A	C	A	A	A	23017343
A	A	A	A	A	A	A	A	A	23017623
A	A	A	A	A	A	A	A	A	23017623
A	A	A	A	A	A	A	A	A	23017721
A	C	A	–	A	B	A	D	A	23018505
A	D	A	–	A	B	A	D	A	23018718
A	D	A	–	A	B	A	D	A	23018718
A	A	A	A	A	A	A	A	A	23019055
A	A	A	A	A	A	A	A	A	23019055
A	A	A	A	A	A	A	A	A	23019056
A	A	A	A	A	A	A	A	A	23019056
A	A	A	A	A	A	A	A	A	23019072
A	A	A	A	A	A	A	A	A	23019072
A	A	A	A	A	C	A	C	A	23019127
A	A	A	A	A	C	A	A	A	23019236
A	A	A	A	A	C	A	A	A	23019236
A	A	A	A	A	C	A	C	A	23019241
A	A	A	A	A	A	A	C	A	23019242
A	D	A	–	A	D	A	B	A	23019282
A	D	A	–	A	D	A	B	A	23019282
A	A	A	A	A	A	A	A	A	23019317
A	A	A	A	A	C	A	A	A	23019357
A	A	A	A	A	C	A	A	A	23019357
A	A	A	A	A	A	A	A	A	23019358

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23015265	CLT 5961-3	A	A	C	A	A	A	H	–
23015389	CLBT 5861-6	A	A	A	A	A	A	A	–
23015527	CLT 5861-5	A	A	D	A	A	A	–	C
23015527	CLT 5861-5	A	A	D	A	A	A	–	C
23015528	CLBT 5861-6	A	A	A	A	A	A	A	–
23015529	CLT 5861-5	A	A	D	A	A	A	–	C
23015529	CLT 5861-5	A	A	D	A	A	A	–	C
23015659	CLBT 5861-2	A	A	D	A	A	A	–	C
23015659	CLBT 5861-2	A	A	D	A	A	A	–	C
23015713	CLBT 6061-4	B	B	A	A	B	A	A	–
23015856	CLT 5861-4	A	A	A	A	A	A	A	–
23015862	CLBT 5861-6	A	A	A	A	A	A	A	–
23015863	CLBT 6061-6	B	B	A	A	B	A	A	–
23017142	CLBT 5861	A	A	A	A	A	A	A	–
23017142	CLBT 5861	A	A	A	A	A	A	A	–
23017343	CLBT 5861-4	A	A	A	A	A	A	A	–
23017343	CLBT 5861-4	A	A	A	A	A	A	A	–
23017623	CLBT 5961-4	A	A	A	A	A	A	A	–
23017623	CLBT 5961-4	A	A	A	A	A	A	A	–
23017721	CLBT 6061-6	B	B	A	A	B	A	A	–
23018505	VCLT 5961-5	A	A	B	A	A	A	–	F
23018718	CLT 5961-5	A	A	B	A	A	A	–	F
23018718	CLT 5961-5	A	A	B	A	A	A	–	F
23019055	CLBT 6061-10	B	B	C	A	B	A	H	–
23019055	CLBT 6061-10	B	B	C	A	B	A	H	–
23019056	CLBT 6061-6	B	B	A	A	B	A	A	–
23019056	CLBT 6061-6	B	B	A	A	B	A	A	–
23019072	CLBT 6061-4	B	B	A	A	B	A	A	–
23019072	CLBT 6061-4	B	B	A	A	B	A	A	–
23019127	CLBT 5861	A	A	B	A	A	A	–	H
23019236	CLBT 5861-4	A	A	A	A	A	A	A	–
23019236	CLBT 5861-4	A	A	A	A	A	A	A	–
23019241	CLBT 5861-4	A	A	B	A	A	A	–	K
23019242	CLBT 5961-1	A	A	B	A	A	A	–	B
23019282	CLT 5861-4	A	A	A	A	A	A	A	–
23019282	CLT 5861-4	A	A	A	A	A	A	A	–
23019317	CLBT 5961-4	A	A	A	A	A	A	A	–
23019357	CLBT 5861-4	A	A	A	A	A	A	A	–
23019357	CLBT 5861-4	A	A	A	A	A	A	A	–
23019358	CLBT 6061-4	B	B	A	A	B	A	A	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E‡‡	A	–	C	–	23015265
–	–	–	A	A	A	A	B	C	23015389
B	B	B	E	A‡	A	–	A	–	23015527
B	B	B	E	E‡‡	A	–	A	–	23015527
–	–	–	A	A	A	A	B	C	23015528
B	B	B	E	A‡	A	–	A	–	23015529
B	B	B	E	E‡‡	A	–	A	–	23015529
B	B	B	E	A‡	A	A	A	–	23015659
B	B	B	E	E‡‡	A	A	A	–	23015659
–	–	–	A	A	A	A	C	C	23015713
–	–	–	A	A	A	–	A	–	23015856
–	–	–	A	A	A	A	B	C	23015862
–	–	–	A	A	A	A	C	–	23015863
–	–	–	A	A‡	A	A	B	C	23017142
–	–	–	A	E‡‡	A	A	B	C	23017142
–	–	–	A	A‡	A	A	A	C	23017343
–	–	–	A	E‡‡	A	A	A	C	23017343
–	–	–	A	A‡	A	A	A	A	23017623
–	–	–	A	E‡‡	A	A	A	A	23017623
–	–	–	B	D	A	A	B	B	23017721
E	D	D	E	B	G	–	B	C	23018505
E	D	D	E	A‡	G	–	D	C	23018718
E	D	D	E	E‡‡	G	–	D	C	23018718
–	–	–	A	A‡	A	A	B	–	23019055
–	–	–	A	E‡‡	A	A	B	–	23019055
–	–	–	A	A‡	A	A	B	–	23019056
–	–	–	A	E‡‡	A	A	B	–	23019056
–	–	–	A	A‡	A	A	B	–	23019072
–	–	–	A	E‡‡	A	A	B	–	23019072
G	–	–	D	H	G	A	F	–	23019127
–	–	–	A	A‡	A	A	B	–	23019236
–	–	–	A	E‡‡	A	A	B	–	23019236
F	–	–	E	H	G	A	F	–	23019241
H	–	–	E	A	G	A	B	–	23019242
–	–	–	A	A‡	A	–	A	–	23019282
–	–	–	A	E‡‡	A	–	A	–	23019282
–	–	–	A	E	A	A	B	–	23019317
–	–	–	A	A‡	A	A	A	–	23019357
–	–	–	A	E‡‡	A	A	A	–	23019357
–	–	–	A	A	A	D	C	C	23019358

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23019629	CLBT 5961-4	–	D	–	–	–	C	A	B
23019629	CLBT 5961-4	–	D	–	–	–	C	A	B
23019630	CLBT 5961-4	–	D	–	–	–	B	A	B
23019630	CLBT 5961-4	–	D	–	–	–	B	A	B
23019631	CLBT 5861-4	–	C	–	–	–	E	A	E
23019631	CLBT 5861-4	–	C	–	–	–	E	A	E
23019739	CLBT 5961-6	D	C	–	–	A	–	A	A
23019772	CLT 5961-7	–	K	–	E	–	E	A	B
23019772	CLT 5961-7	–	K	–	E	–	E	A	B
23019895	CLBT 6061-4	–	E	–	–	–	C	A	A
23019895	CLBT 6061-4	–	E	–	–	–	C	A	A
23019914	CLBT 6061-4	–	C	–	–	–	E	A	A
23019914	CLBT 6061-4	–	C	–	–	–	E	A	A
23019967	CLT 6061-3	–	A	–	–	–	C	A	A
23019967	CLT 6061-3	–	A	–	–	–	C	A	A
23040216	CLBT 6061	–	C	–	–	–	G	A	B
23040423	CLBT 5961-1	B	–	G	–	A	–	A	B
23040451	CLBT 5861-4	–	D	–	–	–	E	A	B
23040451	CLBT 5861-4	–	D	–	–	–	E	A	B
23040492	CLBT 5861	–	–	A	–	–	C	A	G
23040493	CLBT 5961-1	B	–	G	–	A	–	A	B
23040496	CLBT 5961-6	–	B	–	–	A	–	A	A
23040497	CLBT 5861-4	–	D	–	–	–	C	A	B
23040498	CLT 5861-1	E	–	B	–	A	–	A	F
23040499	CLBT 5961-6	D	C	–	–	A	–	A	A
23040500	CLBT 6061-4	–	D	–	–	–	C	A	A
23040501	CLBT 6061-4	–	D	–	–	–	A	A	A
23040502	CLBT 6061-6	A	B	–	–	A	–	A	A
23040572	CLBT 5861-2	–	–	A	B	–	E	A	E
23040573	CLT 5861-4	–	C	–	–	–	E	A	E
23040576	CLBT 5961-4	–	B	–	–	–	E	A	B
23040577	CLT 5861-6	E	C	–	–	A	–	A	B
23040626	CLBT 5861-4	–	C	–	–	–	B	A	C
23040658	CLBT 6061-6	B	D	–	–	A	–	A	A
23040681	CLT 5961-10	A	–	A	D	A	–	A	A
23040730	CLBT 5961-11	–	K	–	E	–	D	A	B
23040763	CLT 6061-4	–	C	–	–	–	C	A	A
23040835	CLBT 6061-4	–	C	–	–	–	E	A	A
23040898	CLT 5961-6	D	C	–	–	A	–	A	A
23040956	CLT 6061-4	–	B	–	–	–	E	A	B

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	23019629
A	A	A	A	A	A	A	A	A	23019629
A	A	A	A	A	A	A	A	A	23019630
A	A	A	A	A	A	A	A	A	23019630
A	A	A	A	A	C	A	B	A	23019631
A	A	A	A	A	C	A	B	A	23019631
A	A	A	A	A	A	A	A	A	23019739
A	D	A	–	A	B	A	D	A	23019772
A	D	A	–	A	B	A	D	A	23019772
A	A	A	A	A	A	A	A	A	23019895
A	A	A	A	A	A	A	A	A	23019895
A	A	A	A	A	A	A	A	A	23019914
A	A	A	A	A	A	A	A	A	23019914
A	D	A	–	A	B	A	B	A	23019967
A	D	A	–	A	B	A	B	A	23019967
A	A	A	A	A	A	A	A	A	23040216
A	A	A	A	A	A	A	C	A	23040423
A	A	A	A	A	C	A	A	A	23040451
A	A	A	A	A	C	A	A	A	23040451
A	A	A	A	A	C	A	C	A	23040492
A	A	A	A	A	A	A	C	A	23040493
A	A	A	A	A	A	A	A	A	23040496
A	A	A	A	A	C	A	A	A	23040497
A	D	A	–	A	D	A	D	A	23040498
A	A	A	A	A	A	A	A	A	23040499
A	A	A	A	A	A	A	A	A	23040500
A	A	A	A	A	A	A	A	A	23040501
A	A	A	A	A	A	A	A	A	23040502
A	A	A	A	A	C	A	C	A	23040572
A	D	A	–	A	D	A	B	A	23040573
A	A	A	A	A	A	A	A	A	23040576
A	D	A	–	A	D	A	B	A	23040577
A	A	A	A	A	C	A	A	A	23040626
A	A	A	A	A	A	A	A	A	23040658
A	D	A	–	A	B	A	D	A	23040681
A	A	A	A	A	A	A	C	A	23040730
A	D	A	–	A	B	A	B	A	23040763
A	A	A	A	A	A	A	A	A	23040835
B	D	A	–	A	B	A	B	A	23040898
A	D	A	–	A	B	A	B	A	23040956

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23019629	CLBT 5961-4	A	A	A	A	A	A	A	–
23019629	CLBT 5961-4	A	A	A	A	A	A	A	–
23019630	CLBT 5961-4	A	A	A	A	A	A	A	–
23019630	CLBT 5961-4	A	A	A	A	A	A	A	–
23019631	CLBT 5861-4	A	A	A	A	A	A	A	–
23019631	CLBT 5861-4	A	A	A	A	A	A	A	–
23019739	CLBT 5961-6	A	A	A	A	A	A	A	–
23019772	CLT 5961-7	A	A	D	A	A	A	–	C
23019772	CLT 5961-7	A	A	D	A	A	A	–	C
23019895	CLBT 6061-4	B	B	A	A	B	A	A	–
23019895	CLBT 6061-4	B	B	A	A	B	A	A	–
23019914	CLBT 6061-4	B	B	A	A	B	A	A	–
23019914	CLBT 6061-4	B	B	A	A	B	A	A	–
23019967	CLT 6061-3	B	B	C	A	B	A	H	–
23019967	CLT 6061-3	B	B	C	A	B	A	H	–
23040216	CLBT 6061	B	B	A	A	B	A	A	–
23040423	CLBT 5961-1	A	A	B	A	A	A	–	A
23040451	CLBT 5861-4	A	A	A	A	A	A	A	–
23040451	CLBT 5861-4	A	A	A	A	A	A	A	–
23040492	CLBT 5861	A	A	B	A	A	A	–	H
23040493	CLBT 5961-1	A	A	B	A	A	A	–	A
23040496	CLBT 5961-6	A	A	A	A	A	A	A	–
23040497	CLBT 5861-4	A	A	A	A	A	A	A	–
23040498	CLT 5861-1	A	A	B	A	A	A	–	K
23040499	CLBT 5961-6	A	A	A	A	A	A	A	–
23040500	CLBT 6061-4	B	B	A	A	B	A	A	–
23040501	CLBT 6061-4	B	B	A	A	B	A	A	–
23040502	CLBT 6061-6	B	B	A	A	B	A	A	–
23040572	CLBT 5861-2	A	A	B	A	A	A	–	K
23040573	CLT 5861-4	A	A	A	A	A	A	A	–
23040576	CLBT 5961-4	A	A	A	A	A	A	A	–
23040577	CLT 5861-6	A	A	A	A	A	A	A	–
23040626	CLBT 5861-4	A	A	A	A	A	A	A	–
23040658	CLBT 6061-6	B	B	A	A	B	A	A	–
23040681	CLT 5961-10	A	A	B	A	A	A	–	K
23040730	CLBT 5961-11	A	A	D	A	A	A	–	C
23040763	CLT 6061-4	B	B	A	A	B	A	A	–
23040835	CLBT 6061-4	B	B	A	A	B	A	A	–
23040898	CLT 5961-6	A	A	A	A	A	A	A	–
23040956	CLT 6061-4	B	B	A	A	B	A	A	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	A‡	A	A	B	–	23019629
–	–	–	A	E‡‡	A	A	B	–	23019629
–	–	–	A	A‡	G	A	E	–	23019630
–	–	–	A	E‡‡	G	A	E	–	23019630
–	–	–	A	A‡	A	D	B	–	23019631
–	–	–	A	E‡‡	A	D	B	–	23019631
–	–	–	B	A	A	A	B	C	23019739
B	B	B	E	A‡	A	–	A	–	23019772
B	B	B	E	E‡‡	A	–	A	–	23019772
–	–	–	A	A‡	A	A	A	B	23019895
–	–	–	A	E‡‡	A	A	A	B	23019895
–	–	–	A	A‡	A	A	B	–	23019914
–	–	–	A	E‡‡	A	A	B	–	23019914
–	–	–	A	A‡	G	–	D	–	23019967
–	–	–	A	E‡‡	G	–	D	–	23019967
–	–	–	A	A	A	D	B	–	23040216
H	–	–	D	E	G	A	D	–	23040423
–	–	–	A	A‡	A	A	B	–	23040451
–	–	–	A	E‡‡	A	A	B	–	23040451
G	–	–	D	G	H	B	F	–	23040492
H	–	–	D	E	H	A	B	–	23040493
–	–	–	A	F	A	A	B	–	23040496
–	–	–	A	F	A	A	B	–	23040497
F	–	–	E	E	K	–	A	–	23040498
–	–	–	B	F	A	A	B	C	23040499
–	–	–	A	F	A	A	B	–	23040500
–	–	–	A	F	A	A	B	–	23040501
–	–	–	A	F	A	A	B	–	23040502
A	–	–	E	A	A	A	A	–	23040572
–	–	–	A	A	A	–	A	–	23040573
–	–	–	A	F	A	A	C	–	23040576
–	–	–	A	E	A	–	A	–	23040577
–	–	–	A	F	A	A	A	–	23040626
–	–	–	A	F	B	A	B	–	23040658
A	–	–	E	E	F	–	G	–	23040681
B	B	B	E	E	G	A	A	–	23040730
–	–	–	A	E	A	–	F	–	23040763
–	–	–	A	F	A	A	B	–	23040835
–	–	–	B	F	A	–	B	C	23040898
–	–	–	A	E	A	–	B	–	23040956

‡ Used Prior To S/N 3110093029.
‡‡ Used Starting With S/N 3110093029.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23040958	CLBT 5961-4	–	D	–	–	–	E	A	A
23040959	CLBT 5961-4	–	D	–	–	–	C	A	A
23040960	CLBT 6061	–	D	–	–	–	E	A	A
23041016	CLBT 5961-6	A	B	–	–	A	–	A	A
23041017	CLBT 6061-6	A	B	–	–	A	–	A	A
23041047	CLBT 6061-6	E	C	–	–	A	–	A	B
23041061	CLBT 6061-6	A	C	–	–	A	–	A	A
23041062	CLT 5961-3	A	A	–	–	A	–	A	A
23041079	CLBT 5861	–	K	K	E	–	D	A	C
23041080	CLBT 5861	–	K	K	E	–	D	A	E
23041133	CLBT 5961-2	–	–	D	–	–	C	A	A
23041134	CLBT 5961-6	E	C	–	–	A	–	A	B
23041145	CLBT 6061-4	–	C	–	–	–	E	A	B
23041153	CLBT 5962-1	B	–	G	–	A	–	A	B
23041154	CLBT 5962-1	B	–	G	–	A	–	A	B
23041156	CLBT 5962-2	–	–	B	–	–	C	A	A
23041157	CLBT 5962-2	–	–	D	–	–	C	A	A
23041158	CLBT 5962-4	–	D	–	–	–	E	A	B
23041159	CLBT 5962-4	–	D	–	–	–	C	A	B
23041160	CLBT 5962-4	–	B	–	–	–	E	A	B
23041161	CLBT 5962-6	A	C	–	–	A	–	A	B
23041162	CLBT 5962-6	E	C	–	–	A	–	A	B
23041163	CLBT 5962-6	E	C	–	–	A	–	A	B
23041164	CLBT 5962-6	A	B	–	–	A	–	A	A
23041165	CLBT 5962-6	D	C	–	–	A	–	A	A
23041166	CLBT 5962-6	D	C	–	–	A	–	A	A
23041167	CLBT 6062	–	D	–	–	–	E	A	A
23041168	CLBT 6062-10	E	A	–	–	A	–	A	B
23041169	CLBT 6062-4	–	C	–	–	–	C	A	A
23041170	CLBT 6062-4	–	E	–	–	–	C	A	A
23041171	CLBT 6062-4	–	B	–	–	–	E	A	A
23041172	CLBT 6062-4	–	C	–	–	–	E	A	A
23041173	CLBT 6062-4	–	D	–	–	–	A	A	A
23041174	CLBT 6062-4	–	C	–	–	–	E	A	A
23041175	CLBT 6062-4	A	C	–	–	A	–	A	A
23041176	CLBT 6062-6	E	D	–	–	A	–	A	A
23041177	CLBT 6062-6	E	C	–	–	A	–	A	B
23041178	CLBT 6062-6	A	B	–	–	–	A	A	A
23041179	CLBT 6062-6	E	E	–	–	A	–	A	A
23041180	CLBT 6062-6	A	B	–	–	A	–	A	A

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	23040958
A	A	A	A	A	A	A	A	A	23040959
A	A	A	A	A	A	A	A	A	23040960
B	A	A	A	A	A	A	A	A	23041016
B	A	A	A	A	A	A	A	A	23041017
B	A	A	A	A	A	A	A	A	23041047
A	A	A	A	A	A	A	A	A	23041061
B	D	A	–	A	B	A	B	A	23041062
A	A	A	A	A	C	A	C	A	23041079
A	A	A	A	A	C	A	C	A	23041080
A	A	A	A	A	A	A	C	A	23041133
A	A	A	A	A	A	A	A	A	23041134
B	A	A	A	A	A	A	A	A	23041145
A	A	A	A	A	A	A	C	A	23041153
A	A	A	A	A	A	A	C	A	23041154
A	A	A	A	A	A	A	C	A	23041156
A	A	A	A	A	A	A	C	A	23041157
A	A	A	A	A	A	A	A	A	23041158
A	A	A	A	A	A	A	A	A	23041159
A	A	A	A	A	A	A	A	A	23041160
A	A	A	A	A	A	A	A	A	23041161
A	A	A	A	A	A	A	A	A	23041162
A	A	A	A	A	A	A	A	A	23041163
A	A	A	A	A	A	A	A	A	23041164
A	A	A	A	A	A	A	A	A	23041165
B	A	A	A	A	A	A	A	A	23041166
A	A	A	A	A	A	A	A	A	23041167
A	A	A	A	A	A	A	A	A	23041168
A	A	A	A	A	A	A	A	A	23041169
A	A	A	A	A	A	A	A	A	23041170
A	A	A	A	A	A	A	A	A	23041171
A	A	A	A	A	A	A	A	A	23041172
A	A	A	A	A	A	A	A	A	23041173
A	A	A	A	A	A	A	A	A	23041174
A	A	A	A	A	A	A	A	A	23041175
A	A	A	A	A	A	A	A	A	23041176
A	A	A	A	A	A	A	A	A	23041177
A	A	A	A	A	A	A	A	A	23041178
A	A	A	A	A	A	A	A	A	23041179
A	A	A	A	A	A	A	A	A	23041180

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23040958	CLBT 5961-4	A	A	A	A	A	A	A	–
23040959	CLBT 5961-4	A	A	A	A	A	A	A	–
23040960	CLBT 6061	B	B	A	A	B	A	A	–
23041016	CLBT 5961-6	A	A	A	A	A	A	A	–
23041017	CLBT 6061-6	B	B	A	A	B	A	A	–
23041047	CLBT 6061-6	B	B	A	A	B	A	A	–
23041061	CLBT 6061-6	B	B	A	A	B	A	A	–
23041062	CLT 5961-3	A	A	C	A	A	A	H	–
23041079	CLBT 5861	A	A	D	A	A	A	–	F
23041080	CLBT 5861	A	A	D	A	A	A	–	F
23041133	CLBT 5961-2	A	A	D	A	A	A	–	K
23041134	CLBT 5961-6	A	A	A	A	A	A	A	–
23041145	CLBT 6061-4	B	B	A	A	B	A	A	–
23041153	CLBT 5962-1	A	A	B	A	A	A	–	A
23041154	CLBT 5962-1	A	A	B	A	A	A	–	A
23041156	CLBT 5962-2	A	A	D	A	A	A	–	J
23041157	CLBT 5962-2	A	A	D	A	A	A	–	J
23041158	CLBT 5962-4	A	A	A	A	A	A	C	–
23041159	CLBT 5962-4	A	A	A	A	A	A	C	–
23041160	CLBT 5962-4	A	A	A	A	A	A	C	–
23041161	CLBT 5962-6	A	A	A	A	A	A	C	–
23041162	CLBT 5962-6	A	A	A	A	A	A	C	–
23041163	CLBT 5962-6	A	A	A	A	A	A	C	–
23041164	CLBT 5962-6	A	A	A	A	A	A	C	–
23041165	CLBT 5962-6	A	A	A	A	A	A	C	–
23041166	CLBT 5962-6	A	A	A	A	A	A	C	–
23041167	CLBT 6062	B	B	A	A	B	A	C	–
23041168	CLBT 6062-10	B	B	C	A	B	A	H	–
23041169	CLBT 6062-4	B	B	A	A	B	A	C	–
23041170	CLBT 6062-4	B	B	A	A	B	A	C	–
23041171	CLBT 6062-4	B	B	A	A	B	A	C	–
23041172	CLBT 6062-4	B	B	A	A	B	A	C	–
23041173	CLBT 6062-4	B	B	A	A	B	A	C	–
23041174	CLBT 6062-4	B	B	A	A	B	A	C	–
23041175	CLBT 6062-4	B	B	A	A	B	A	C	–
23041176	CLBT 6062-6	B	B	A	A	B	A	C	–
23041177	CLBT 6062-6	B	B	A	A	B	A	C	–
23041178	CLBT 6062-6	B	B	A	A	B	A	C	–
23041179	CLBT 6062-6	B	B	A	A	B	A	C	–
23041180	CLBT 6062-6	B	B	A	A	B	A	C	–

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	C	A	B	–	23040958
–	–	–	A	F	B	A	A	–	23040959
–	–	–	A	F	C	A	B	–	23040960
–	–	–	A	E	A	A	B	–	23041016
–	–	–	A	F	A	A	B	–	23041017
–	–	–	A	F	A	A	B	–	23041047
–	–	–	A	F	A	A	B	–	23041061
–	–	–	A	F	A	–	C	–	23041062
B	A	A	E	A	A	A	A	–	23041079
B	A	A	E	A	A	A	A	–	23041080
F	–	–	E	E	G	A	D	–	23041133
–	–	–	A	E	A	A	B	C	23041134
–	–	–	A	E	A	A	B	–	23041145
H	–	–	D	E	M	A	H	–	23041153
H	–	–	D	E	M	A	H	–	23041154
F	E	E	E	E	M	A	H	–	23041156
F	E	E	E	E	M	A	H	–	23041157
–	–	–	A	E	M	A	H	–	23041158
–	–	–	A	E	M	A	H	–	23041159
–	–	–	A	F	M	A	H	–	23041160
–	–	–	A	E	M	A	H	C	23041161
–	–	–	A	E	M	A	H	–	23041162
–	–	–	A	E	M	A	H	C	23041163
–	–	–	A	F	M	A	H	–	23041164
–	–	–	B	F	M	A	H	C	23041165
–	–	–	B	F	M	A	H	C	23041166
–	–	–	A	F	M	A	H	–	23041167
–	–	–	A	E	M	A	H	–	23041168
–	–	–	A	E	M	A	H	C	23041169
–	–	–	A	E	M	A	H	–	23041170
–	–	–	A	E	M	A	H	–	23041171
–	–	–	A	E	M	A	H	–	23041172
–	–	–	A	F	M	A	H	–	23041173
–	–	–	A	F	M	A	H	–	23041174
–	–	–	A	E	M	A	H	–	23041175
–	–	–	A	E	M	A	H	–	23041176
–	–	–	A	E	M	A	H	–	23041177
–	–	–	A	E	M	A	H	–	23041178
–	–	–	A	E	M	A	H	–	23041179
–	–	–	A	F	M	A	H	–	23041180

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23041181	CLBT 6062-6	E	E	–	–	A	–	A	A
23041182	CLT 5962-10	A	–	A	D	A	–	A	A
23041183	CLT 5962-10	A	–	A	D	A	–	A	A
23041184	CLT 5962-3	A	A	–	–	A	–	A	A
23041185	CLT 5962-5	–	–	H	C	–	E	A	B
23041186	CLT 5962-5	–	–	M	C	–	E	A	B
23041187	CLT 5962-6	D	C	–	–	A	–	A	A
23041188	CLT 6062-3	–	A	–	–	–	C	A	A
23041189	CLT 6062-4	–	C	–	–	–	A	A	A
23041190	CLT 6062-4	–	C	–	–	–	B	A	A
23041191	CLT 6062-4	–	C	–	–	–	C	A	A
23041192	CLT 6062-4	–	C	–	–	–	C	A	A
23041193	CLT 6062-4	–	B	–	–	–	E	A	B
23041271	CLBT 6061-4	–	E	–	–	–	E	A	A
23041289	CLT 6061-3	–	A	–	–	–	D	A	A
23041304	CLT 5861-5	–	K	–	E	–	C	A	A
23041305	CLBT 5961-4	–	C	–	–	–	C	A	C
23041306	CLT 5961-5	–	K	–	E	–	C	A	E
23041307	CLT 5961-4	–	C	–	–	–	C	A	C
23041308	CLBT 5961-3	–	–	K	B	–	D	A	E
23041309	CLBT 5961-4	–	C	–	–	–	D	A	E
23041310	CLT 5961-4	–	C	–	–	–	D	A	E
23041311	CLBT 5961-4	–	C	–	–	–	C	A	C
23041312	CLT 5961-4	–	C	–	–	–	B	A	C
23041313	CLBT 5961-4	–	D	–	–	–	E	A	B
23041314	CLBT 5961-1	–	–	A	–	–	C	A	G
23041315	CLBT 5961-4	–	D	–	–	–	C	A	B
23041316	CLT 5961-1	E	–	B	–	A	–	A	F
23041317	CLT 5961-6	E	C	–	–	A	–	A	B
23041318	CLBT 5961-6	E	F	–	–	A	–	A	C
23041319	CLBT 5961-6	D	C	–	–	A	–	A	E
23041320	CLBT 5961-6	D	C	–	–	A	–	A	C
23041321	CLT 5961-11	–	K	–	E	–	B	A	C
23041322	CLBT 5961-4	–	C	–	–	–	C	A	C
23041385	CLT 5961-6	E	C	–	–	A	–	A	B
23041438	CLBT 5961-1	B	–	G	–	A	–	C	H
23041439	CLBT 5961-9	–	–	A	–	–	E	C	J
23041440	CLBT 5961-9	–	–	A	–	–	C	C	J
23041491	CLT 6061-6	–	B	–	–	–	D	A	A
23041521	CLBT 5961-4	–	D	–	–	–	E	A	C

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	23041181
A	D	A	–	A	B	A	D	A	23041182
A	D	A	–	A	B	A	D	A	23041183
A	D	A	–	A	B	A	B	A	23041184
A	D	A	–	A	B	A	D	A	23041185
A	D	A	–	A	B	A	D	A	23041186
B	D	A	–	A	B	A	B	A	23041187
A	D	A	–	A	B	A	B	A	23041188
A	D	A	–	A	B	A	B	A	23041189
A	D	A	–	A	B	A	B	A	23041190
A	D	A	–	A	B	A	B	A	23041191
A	D	A	–	A	B	A	B	A	23041192
A	D	A	–	A	B	A	B	A	23041193
B	A	A	A	A	A	A	A	A	23041271
A	D	A	–	A	B	A	B	A	23041289
A	D	A	–	A	D	A	D	A	23041304
A	A	A	A	A	A	A	A	A	23041305
A	D	A	–	A	B	A	D	A	23041306
A	D	A	–	A	B	A	B	A	23041307
A	A	A	A	A	A	A	C	A	23041308
A	A	A	A	A	A	A	A	A	23041309
A	D	A	–	A	B	A	B	A	23041310
A	A	A	A	A	A	A	A	A	23041311
A	D	A	–	A	B	A	B	A	23041312
A	A	A	A	A	A	A	A	A	23041313
A	A	A	A	A	A	A	C	A	23041314
A	A	A	A	A	A	A	A	A	23041315
A	D	A	–	A	B	A	D	A	23041316
A	D	A	–	A	B	A	B	A	23041317
A	A	A	A	A	A	A	A	A	23041318
A	A	A	A	A	A	A	A	A	23041319
A	A	A	A	A	A	A	A	A	23041320
A	D	A	–	A	B	A	D	A	23041321
A	A	A	A	A	A	A	A	A	23041322
A	D	A	–	A	B	A	B	A	23041385
B	A	A	A	A	A	A	C	A	23041438
B	A	A	A	A	A	A	C	A	23041439
B	A	A	A	A	A	A	C	A	23041440
A	D	A	–	A	B	A	B	A	23041491
A	A	A	A	A	A	A	A	A	23041521

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23041181	CLBT 6062-6	B	B	A	A	B	A	C	–
23041182	CLT 5962-10	A	A	B	A	A	A	–	J
23041183	CLT 5962-10	A	A	B	A	A	A	–	J
23041184	CLT 5962-3	A	A	C	A	A	A	H	–
23041185	CLT 5962-5	A	A	B	A	A	A	–	E
23041186	CLT 5962-5	A	A	B	A	A	A	–	E
23041187	CLT 5962-6	A	A	A	A	A	A	C	–
23041188	CLT 6062-3	B	B	C	A	B	A	H	–
23041189	CLT 6062-4	B	B	C	A	B	A	C	–
23041190	CLT 6062-4	B	B	A	A	B	A	C	–
23041191	CLT 6062-4	B	B	A	A	B	A	C	–
23041192	CLT 6062-4	B	B	A	A	B	A	C	–
23041193	CLT 6062-4	B	B	A	A	B	A	C	–
23041271	CLBT 6061-4	B	B	A	A	B	A	A	–
23041289	CLT 6061-3	B	B	A	A	B	A	H	–
23041304	CLT 5861-5	A	A	D	A	A	A	–	C
23041305	CLBT 5961-4	A	A	A	A	A	A	A	–
23041306	CLT 5961-5	A	A	D	A	A	A	–	C
23041307	CLT 5961-4	A	A	A	A	A	A	A	–
23041308	CLBT 5961-3	A	A	B	A	A	A	–	K
23041309	CLBT 5961-4	A	A	A	A	A	A	A	–
23041310	CLT 5961-4	A	A	A	A	A	A	A	–
23041311	CLBT 5961-4	A	A	A	A	A	A	A	–
23041312	CLT 5961-4	A	A	A	A	A	A	A	–
23041313	CLBT 5961-4	A	A	A	A	A	A	A	–
23041314	CLBT 5961-1	A	A	B	A	A	A	–	H
23041315	CLBT 5961-4	A	A	A	A	A	A	A	–
23041316	CLT 5961-1	A	A	B	A	A	A	–	K
23041317	CLT 5961-6	A	A	A	A	A	A	A	–
23041318	CLBT 5961-6	A	A	A	A	A	A	A	–
23041319	CLBT 5961-6	A	A	A	A	A	A	A	–
23041320	CLBT 5961-6	A	A	A	A	A	A	A	–
23041321	CLT 5961-11	A	A	D	A	A	A	–	C
23041322	CLBT 5961-4	A	A	A	A	A	A	A	–
23041385	CLT 5961-6	A	A	A	A	A	A	A	–
23041438	CLBT 5961-1	A	A	B	A	A	A	–	A
23041439	CLBT 5961-9	A	A	B	A	A	A	–	H
23041440	CLBT 5961-9	A	A	B	A	A	A	–	H
23041491	CLT 6061-6	B	B	A	A	B	A	A	–
23041521	CLBT 5961-4	A	A	A	A	A	A	A	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	B	F	M	A	H	B	23041181
A	–	–	E	E	M	–	H	–	23041182
A	–	–	E	E	M	–	K	–	23041183
–	–	–	A	E	M	–	H	–	23041184
E	D	D	E	E	M	–	H	C	23041185
E	D	D	E	E	M	–	H	C	23041186
–	–	–	B	F	M	–	H	C	23041187
–	–	–	A	E	M	–	H	–	23041188
–	–	–	A	E	M	–	K	–	23041189
–	–	–	A	E	M	–	K	–	23041190
–	–	–	A	E	M	–	H	–	23041191
–	–	–	A	E	M	–	K	–	23041192
–	–	–	A	E	M	–	H	–	23041193
–	–	–	A	E	A	A	B	–	23041271
–	–	–	A	F	A	–	A	–	23041289
B	B	B	E	E	A	–	A	–	23041304
–	–	–	A	E	A	A	B	C	23041305
B	B	B	E	E	A	–	A	–	23041306
–	–	–	A	E	A	–	A	–	23041307
A	–	–	E	E	A	A	A	–	23041308
–	–	–	A	E	A	A	A	–	23041309
–	–	–	A	E	A	–	A	–	23041310
–	–	–	A	E	A	A	A	–	23041311
–	–	–	A	E	A	–	A	A	23041312
–	–	–	A	E	A	A	B	–	23041313
G	–	–	D	G	H	B	F	–	23041314
–	–	–	A	F	A	A	B	–	23041315
F	–	–	E	E	K	–	A	–	23041316
–	–	–	A	E	A	–	A	–	23041317
–	–	–	A	F	A	A	B	A	23041318
–	–	–	A	F	A	A	B	C	23041319
–	–	–	A	F	A	A	B	C	23041320
B	B	B	E	F	A	–	A	–	23041321
–	–	–	A	F	A	A	A	C	23041322
–	–	–	A	E	A	–	F	C	23041385
H	–	–	D	E	H	A	D	–	23041438
G	–	–	D	G	H	B	F	–	23041439
G	–	–	D	G	H	B	F	–	23041440
–	–	–	A	F	A	–	A	–	23041491
–	–	–	A	E	A	A	B	–	23041521

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23041600	CLBT 5961-2	–	–	M	–	–	C	A	A
23041817	CLBT 5961-6	A	B	–	–	A	–	A	B
23041929	CLT 5961-4	–	C	–	–	–	C	A	F
23041958	CLBT 5962-4	–	B	–	–	–	D	A	A
23041992	CLBT 5962-6	B	D	–	–	A	–	A	A
23042029	CLBT 5961-6	D	C	–	–	A	–	A	A
23042066	CLBT 5962-6	–	D	–	–	–	E	A	A
23042088	CLBT 6062-6	A	B	–	–	A	–	B	H
23042120	CLBT 5961-3	E	–	K	B	A	–	A	B
23042293	CLBT 6061-4	–	C	–	–	–	C	A	B
23042506	CLBT 6062-6	–	B	–	–	–	A	A	A
23042588	CLBT 5961-4	–	C	–	–	–	D	A	B
23042649	CLT 5961-4	–	C	–	–	–	E	A	A
23042650	CLBT 5961-3	–	–	K	B	–	E	A	A
23042792	CLBT 5961-1	B	–	G	–	A	–	A	E
23042808	CLBT 6062-4	–	C	–	–	–	C	A	B
23043019	CLBT 6062	E	C	–	–	A	–	A	A
23043187	CLT 5961-4	–	C	–	–	–	B	A	A
23043236	CLT 5961-1	A	–	B	–	A	–	A	E
23043318	CLBT 5962-4	D	C	–	–	A	–	A	B
23043389	CLBT 5962-4	–	C	–	–	–	C	A	A
23043391	CLBT 6062-6	–	B	–	–	–	E	A	A
23043410	CLT 6062-6	A	E	–	–	A	–	A	A
23043460	CLBT 6061-6	E	E	–	–	A	–	A	A
23045355	CLBT 5861-6	D	C	–	–	A	–	A	E
23045356	CLBT 5861-6	E	F	–	–	A	–	A	C
23045357	CLBT 5961-4	–	C	–	–	–	C	A	B
23045358	CLBT 5861-6	D	C	–	–	A	–	A	E
23045359	CLBT 5861-6	D	C	–	–	A	–	A	C
23045460	CLT 5861	–	K	–	E	–	B	A	C
23045461	CLBT 5861	–	C	–	–	–	C	A	C
23045518	CLBT 6061-6	E	E	–	–	A	–	A	A
23046168	CLBT 5961-12	–	K	K	E	–	D	A	C
23046606	CLT 6061-6	E	E	–	–	A	–	A	A
23046614	CLT 6062-6	E	E	–	–	A	–	A	A
23046697	CLBT 6061-6	E	E	–	–	A	–	A	A
23046943	CLT 5961-11	–	K	–	E	–	C	A	C
23046980	CLT 5961-11	–	K	–	E	–	B	A	B
23046998	CLBT 5961-2	–	K	–	E	–	C	A	F
23047058	CLBT 6062-6	B	D	–	–	A	–	A	A

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	C	A	23041600
A	A	A	A	A	A	A	A	A	23041817
A	D	A	–	A	B	A	B	A	23041929
A	A	A	A	A	A	A	A	A	23041958
B	A	A	A	A	A	A	A	A	23041992
B	A	A	A	A	A	A	A	A	23042029
A	A	A	A	A	A	A	A	A	23042066
B	A	A	A	A	A	A	A	A	23042088
A	A	A	A	A	A	A	C	A	23042120
B	A	A	A	A	A	A	A	A	23042293
A	A	A	A	A	A	A	A	A	23042506
A	A	A	A	A	A	A	A	A	23042588
A	D	A	–	A	B	A	B	A	23042649
A	A	A	A	A	A	A	C	A	23042650
A	A	A	A	A	A	A	C	A	23042792
A	A	A	A	A	A	A	A	A	23042808
A	A	A	A	A	A	A	A	A	23043019
A	D	A	–	A	B	A	B	A	23043187
A	D	A	–	A	B	A	D	A	23043236
A	A	A	A	A	A	A	A	A	23043318
A	A	A	A	A	A	A	A	A	23043389
A	A	A	A	A	A	A	A	A	23043391
B	D	A	–	A	B	A	B	A	23043410
A	A	A	A	A	A	A	A	A	23043460
A	A	A	A	A	C	A	A	A	23045355
A	A	A	A	A	C	A	A	A	23045356
A	A	A	A	A	A	A	A	A	23045357
A	A	A	A	A	C	A	A	A	23045358
A	A	A	A	A	C	A	A	A	23045359
A	D	A	–	A	D	A	D	A	23045460
A	A	A	A	A	C	A	A	A	23045461
A	A	A	A	A	A	A	A	A	23045518
A	A	A	A	A	A	A	C	A	23046168
B	D	A	–	A	B	A	B	A	23046606
B	D	A	–	A	B	A	B	A	23046614
B	A	A	A	A	A	A	A	A	23046697
A	D	A	–	A	B	A	D	A	23046943
A	D	A	–	A	B	A	D	A	23046980
A	A	A	A	A	A	A	C	A	23046998
B	A	A	A	A	A	A	A	A	23047058

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23041600	CLBT 5961-2	A	A	D	A	A	A	–	K
23041817	CLBT 5961-6	A	A	A	A	A	A	A	–
23041929	CLT 5961-4	A	A	A	A	A	A	A	–
23041958	CLBT 5962-4	A	A	A	A	A	A	C	–
23041992	CLBT 5962-6	A	A	A	A	A	A	C	–
23042029	CLBT 5961-6	A	A	A	A	A	A	A	–
23042066	CLBT 5962-6	A	A	A	A	A	A	C	–
23042088	CLBT 6062-6	B	B	A	A	B	A	C	–
23042120	CLBT 5961-3	A	A	B	A	A	A	–	K
23042293	CLBT 6061-4	B	B	A	A	B	A	A	–
23042506	CLBT 6062-6	B	B	A	A	B	A	C	–
23042588	CLBT 5961-4	A	A	A	A	A	A	A	–
23042649	CLT 5961-4	A	A	A	A	A	A	A	–
23042650	CLBT 5961-3	A	A	B	A	A	A	–	K
23042792	CLBT 5961-1	A	A	B	A	A	A	–	A
23042808	CLBT 6062-4	B	B	A	A	B	A	C	–
23043019	CLBT 6062	B	B	A	A	B	A	C	–
23043187	CLT 5961-4	A	A	A	A	A	A	A	–
23043236	CLT 5961-1	A	A	B	A	A	A	–	K
23043318	CLBT 5962-4	A	A	A	A	A	A	C	–
23043389	CLBT 5962-4	A	A	A	A	A	A	C	–
23043391	CLBT 6062-6	B	B	A	A	B	A	C	–
23043410	CLT 6062-6	B	B	A	A	B	A	C	–
23043460	CLBT 6061-6	B	B	A	A	B	A	A	–
23045355	CLBT 5861-6	A	A	A	A	A	A	A	–
23045356	CLBT 5861-6	A	A	A	A	A	A	A	–
23045357	CLBT 5961-4	A	A	A	A	A	A	A	–
23045358	CLBT 5861-6	A	A	A	A	A	A	A	–
23045359	CLBT 5861-6	A	A	A	A	A	A	A	–
23045460	CLT 5861	A	A	D	A	A	A	–	C
23045461	CLBT 5861	A	A	A	A	A	A	A	–
23045518	CLBT 6061-6	B	B	A	A	B	A	A	–
23046168	CLBT 5961-12	A	A	D	A	A	A	–	F
23046606	CLT 6061-6	B	B	A	A	B	A	A	–
23046614	CLT 6062-6	B	B	A	A	B	A	C	–
23046697	CLBT 6061-6	B	B	A	A	B	A	A	–
23046943	CLT 5961-11	A	A	D	A	A	A	–	C
23046980	CLT 5961-11	A	A	D	A	A	A	–	C
23046998	CLBT 5961-2	A	A	D	A	A	A	–	C
23047058	CLBT 6062-6	B	B	A	A	B	A	C	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
G	E	E	E	E	G	A	D	–	23041600
–	–	–	A	E	A	A	B	–	23041817
–	–	–	A	E	A	–	A	–	23041929
–	–	–	A	E	M	A	H	–	23041958
–	–	–	A	F	M	A	H	C	23041992
–	–	–	B	F	A	A	B	C	23042029
–	–	–	A	F	M	A	H	–	23042066
–	–	–	A	F	M	A	H	–	23042088
A	–	–	E	F	A	A	B	C	23042120
–	–	–	A	E	A	D	B	–	23042293
–	–	–	A	E	M	D	H	–	23042506
–	–	–	A	E	A	A	A	–	23042588
–	–	–	A	F	A	–	A	–	23042649
A	–	–	E	F	A	A	A	–	23042650
H	–	–	D	E	G	A	A	–	23042792
–	–	–	A	E	M	D	H	–	23042808
–	–	–	A	F	M	A	H	–	23043019
–	–	–	A	F	A	–	B	C	23043187
F	–	–	E	E	G	–	D	–	23043236
–	–	–	A	E	M	A	H	C	23043318
–	–	–	A	F	M	D	H	–	23043389
–	–	–	A	E	M	D	H	–	23043391
–	–	–	B	F	M	–	H	B	23043410
–	–	–	A	E	A	A	C	–	23043460
–	–	–	A	F	A	A	B	C	23045355
–	–	–	A	F	A	A	B	A	23045356
–	–	–	A	F	A	A	B	C	23045357
–	–	–	A	F	A	A	B	C	23045358
–	–	–	A	F	A	A	B	C	23045359
B	D	D	E	F	A	–	A	–	23045460
–	–	–	A	F	A	A	A	C	23045461
–	–	–	B	F	A	A	B	B	23045518
B	A	A	E	E	A	A	A	–	23046168
–	–	–	B	F	A	–	B	B	23046606
–	–	–	B	F	M	–	H	B	23046614
–	–	–	B	F	A	A	B	B	23046697
B	B	B	E	E	A	–	A	–	23046943
B	B	B	E	F	A	–	A	–	23046980
B	B	B	E	E	A	A	A	–	23046998
–	–	–	A	F	M	A	H	C	23047058

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
23048062	CLT 5961-5	–	K	–	E	–	C	A	C
23048634	CLBT 5961-11	–	K	–	E	–	B	A	B
29500214	CLBT 5961-6	E	C	–	–	A	–	A	B
29500358	CLBT 5962-4	–	D	–	–	–	E	A	B
29500396	CLT 6061-4	–	B	–	–	–	E	A	A
29500397	CLBT 5961-4	–	C	–	–	–	E	A	B
29500516	CLBT 6062-1	A	–	G	–	A	–	A	A
29500598	CLBT 5962-4	–	D	–	–	–	E	A	E
29500935	CLT 5961-5	–	K	–	E	–	D	A	C
29501083	CLBT 5962-4	–	C	–	–	–	C	A	B
29501639	CLT 6062-6	B	D	–	–	A	–	A	A
29501877	CLBT 6062-6	E	C	–	–	A	–	A	A
29501952	CLBT 6061-6	E	C	–	–	A	–	A	A
29501953	CLBT 6061-4	–	C	–	–	–	D	A	B
29501955	CLT 6062-6	A	B	–	–	A	–	A	A
29501958	CLT 5961-4	–	C	–	–	–	D	A	A
29501959	CLT 5961-4	–	C	–	–	–	E	A	A
29502335	CLBT 5961-12	–	K	K	E	–	D	A	A
29502336	CLBT 5961-12	–	A	A	A	–	D	A	B
29502337	CLBT 5961-12	–	A	A	A	–	D	A	C
29502382	CLT 6062-4	–	C	–	–	–	A	A	A
29502413	CLBT 5962-4	–	C	–	–	–	E	A	E
29502426	CLBT 6062-6	E	C	–	–	A	–	A	A
29502435	CLBT 6061-9	–	–	M	–	–	C	A	A
29502436	CLBT 5961-4	–	C	–	–	–	E	A	B
29502438	CLBT 6061-6	E	C	–	–	A	–	A	A
29502461	CLBT 6062-6	E	F	–	–	A	–	A	A
29502470	CLT 6062-6	B	E	–	–	A	–	D	K
29502471	CLT 6062-6	B	D	–	–	A	–	D	K
29502614	CLBT 6062-6	A	H	–	–	A	–	A	A
29502693	CLT 5962-6	A	D	–	–	A	–	A	A
29502702	CLBT 6061-6	E	C	–	–	A	–	A	A
29502760	CLBT 5962-4	–	B	–	–	–	E	A	B
29502782	CLBT 5962-6	B	D	–	–	A	–	A	A
29502783	CLBT 5962-6	B	D	–	–	A	–	A	A
29502784	CLT 5962-6	B	D	–	–	A	–	A	A
29502785	CLBT 6062-6	B	D	–	–	A	–	A	A
29502786	CLBT 6062-6	B	D	–	–	A	–	A	A
29502788	CLT 6062-6	B	D	–	–	A	–	D	K
29502794	CLBT 6062-6	E	C	–	–	A	–	A	B

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	D	A	23048062
A	A	A	A	A	A	A	C	A	23048634
A	A	A	A	A	A	A	A	A	29500214
A	A	A	A	A	A	A	A	A	29500358
A	D	A	–	A	B	A	B	A	29500396
A	A	A	A	A	A	A	A	A	29500397
B	A	A	A	A	A	A	C	A	29500516
A	A	A	A	A	A	A	A	A	29500598
A	D	A	–	A	B	A	D	A	29500935
A	A	A	A	A	A	A	A	A	29501083
B	D	A	–	A	B	A	B	A	29501639
B	A	A	A	A	A	A	A	A	29501877
B	A	A	A	A	A	A	A	A	29501952
A	A	A	A	A	A	A	A	A	29501953
A	D	A	–	A	B	A	B	A	29501955
A	D	A	–	A	B	A	B	A	29501958
A	D	A	–	A	B	A	B	A	29501959
A	A	A	A	A	A	A	C	A	29502335
A	A	A	A	A	A	A	C	A	29502336
A	A	A	A	A	A	A	C	A	29502337
A	D	A	–	A	B	A	B	A	29502382
B	A	A	A	A	A	A	A	A	29502413
A	A	A	A	A	A	A	A	A	29502426
A	A	A	A	A	A	A	C	A	29502435
A	A	A	A	A	A	A	A	A	29502436
A	A	A	A	A	A	A	A	A	29502438
B	A	A	A	A	A	A	A	A	29502461
B	F	A	–	A	B	A	B	A	29502470
B	F	A	–	A	B	A	B	A	29502471
A	A	A	A	A	A	A	A	A	29502614
B	D	A	–	A	B	A	B	A	29502693
B	A	A	A	A	A	A	A	A	29502702
A	A	A	A	A	A	A	A	A	29502760
B	A	A	A	A	A	A	A	A	29502782
B	A	A	A	A	A	A	A	A	29502783
B	D	A	–	A	B	A	B	A	29502784
B	A	A	A	A	A	A	A	A	29502785
B	A	A	A	A	A	A	A	A	29502786
B	F	A	–	A	B	A	B	A	29502788
A	A	A	A	A	A	A	A	A	29502794

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
23048062	CLT 5961-5	A	A	D	A	A	A	–	C
23048634	CLBT 5961-11	A	A	D	A	A	A	–	C
29500214	CLBT 5961-6	A	A	A	A	A	A	A	–
29500358	CLBT 5962-4	A	A	A	A	A	A	C	–
29500396	CLT 6061-4	B	B	A	A	B	A	A	–
29500397	CLBT 5961-4	A	A	A	A	A	A	A	–
29500516	CLBT 6062-1	B	B	B	A	B	A	–	B
29500598	CLBT 5962-4	A	A	A	A	A	A	C	–
29500935	CLT 5961-5	A	A	D	A	A	A	–	C
29501083	CLBT 5962-4	A	A	A	A	A	A	C	–
29501639	CLT 6062-6	B	B	A	A	B	A	C	–
29501877	CLBT 6062-6	B	B	A	A	B	A	C	–
29501952	CLBT 6061-6	B	B	A	A	B	A	A	–
29501953	CLBT 6061-4	B	B	A	A	B	A	A	–
29501955	CLT 6062-6	B	B	A	A	B	A	C	–
29501958	CLT 5961-4	A	A	A	A	A	A	A	–
29501959	CLT 5961-4	A	A	A	A	A	A	A	–
29502335	CLBT 5961-12	A	A	D	A	A	A	–	F
29502336	CLBT 5961-12	A	A	D	A	A	A	–	F
29502337	CLBT 5961-12	A	A	D	A	A	A	–	F
29502382	CLT 6062-4	B	B	A	A	B	A	–	–
29502413	CLBT 5962-4	A	A	A	A	A	A	C	–
29502426	CLBT 6062-6	B	B	A	A	B	A	–	–
29502435	CLBT 6061-9	B	B	D	A	B	A	–	K
29502436	CLBT 5961-4	A	A	A	A	A	A	A	–
29502438	CLBT 6061-6	B	B	A	A	B	A	A	–
29502461	CLBT 6062-6	B	B	A	A	B	A	C	–
29502470	CLT 6062-6	B	B	A	A	B	A	C	–
29502471	CLT 6062-6	B	B	A	A	B	A	C	–
29502614	CLBT 6062-6	B	B	A	A	B	A	C	–
29502693	CLT 5962-6	A	A	A	A	A	A	C	–
29502702	CLBT 6061-6	B	B	A	A	B	A	A	–
29502760	CLBT 5962-4	A	A	A	A	A	A	C	–
29502782	CLBT 5962-6	A	A	A	A	A	A	C	–
29502783	CLBT 5962-6	A	A	A	A	A	A	C	–
29502784	CLT 5962-6	A	A	A	A	A	A	C	–
29502785	CLBT 6062-6	B	B	A	A	B	A	C	–
29502786	CLBT 6062-6	B	B	A	A	B	A	C	–
29502788	CLT 6062-6	B	B	A	A	B	A	C	–
29502794	CLBT 6062-6	B	B	A	A	B	A	C	–

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	B	B	E	E	A	–	A	–	23048062
B	B	B	E	F	A	A	A	–	23048634
–	–	–	A	E	A	A	C	–	29500214
–	–	–	A	E	M	D	H	–	29500358
–	–	–	A	E	A	–	F	–	29500396
–	–	–	A	E	A	A	A	–	29500397
H	–	–	E	F	M	D	H	–	29500516
–	–	–	A	E	M	A	H	–	29500598
B	B	B	E	E	A	–	A	–	29500935
–	–	–	A	F	M	A	H	C	29501083
–	–	–	A	F	M	–	H	C	29501639
–	–	–	A	F	M	A	H	–	29501877
–	–	–	A	F	A	A	B	–	29501952
–	–	–	A	E	A	A	A	–	29501953
–	–	–	A	F	M	–	H	–	29501955
–	–	–	A	E	A	–	A	–	29501958
–	–	–	A	E	A	–	A	–	29501959
B	A	A	E	E	A	A	A	–	29502335
B	A	A	E	E	A	A	A	–	29502336
B	A	A	E	E	A	A	A	–	29502337
–	–	–	A	E	N	–	J	–	29502382
–	–	–	A	E	M	A	H	–	29502413
–	–	–	A	F	M	A	H	C	29502426
G	E	E	E	E	A	A	B	–	29502435
–	–	–	A	F	A	A	A	–	29502436
–	–	–	A	E	A	A	C	–	29502438
–	–	–	A	F	M	A	H	–	29502461
–	–	–	B	F	M	–	H	B	29502470
–	–	–	A	F	M	–	H	C	29502471
–	–	–	A	E	M	A	H	–	29502614
–	–	–	A	F	M	–	H	C	29502693
–	–	–	A	F	A	A	C	–	29502702
–	–	–	A	E	M	D	H	–	29502760
–	–	–	A	F	M	C	H	C	29502782
–	–	–	B	F	M	C	H	C	29502783
–	–	–	B	F	M	–	H	C	29502784
–	–	–	A	F	M	C	H	C	29502785
–	–	–	B	F	M	C	H	C	29502786
–	–	–	B	F	M	–	H	C	29502788
–	–	–	A	F	M	D	H	–	29502794

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29502806	CLT 6061-4	–	C	–	–	–	D	A	A
29502910	CLBT 6062-4	–	D	–	–	–	B	A	A
29502981	CLT 5961-4	–	C	–	–	–	D	A	B
29503664	CLT 5962-6	A	B	–	–	A	–	A	B
29505111	CLT 5961-4	–	C	–	–	–	B	A	A
29505116	CLBT 5962-4	A	–	A	A	A	–	A	E
29505125	CLT 5961-4	–	B	–	–	–	D	A	A
29505126	CLT 5962-1	A	–	A	A	A	–	A	E
29505133	CLT 6061-4	–	C	–	–	–	D	A	A
29505148	CLBT 5962-6	D	C	–	–	A	–	A	A
29505164	CLT 6062-4	–	B	–	–	–	D	D	K
29505220	CLBT 6061-12	–	A	A	A	–	D	A	A
29505262	CLBT 5962-6	E	C	–	–	A	–	A	B
29505392	CLBT 6062-4	–	D	–	–	–	B	A	B
29505393	CLBT 5961-6	E	F	–	–	A	–	A	C
29505435	CLBT 6061-6	E	C	–	–	A	–	A	A
29505457	CLBT 6062	E	C	–	–	A	–	D	K
29505484	CLBT 5961-6	E	C	–	–	A	–	A	B
29506921	CLBT 6062-6	B	D	–	–	A	–	A	A
29507005	CLBT 5962-6	E	C	–	–	A	–	A	A
29507077	CLT 6062-4	–	B	–	–	–	D	D	K
29507137	CLBT 5962-6	A	B	–	–	A	–	A	B
29507393	CLT 5962-6	A	D	–	–	A	–	A	B
29507394	CLBT 5962-6	A	D	–	–	A	–	A	A
29507704	CLT 6061-4	–	B	–	–	–	D	A	A
29507754	CLT 6061-4	–	B	–	–	–	B	D	K
29507976	CLBT 5961-1	B	–	G	–	A	–	C	M
29507977	CLBT 5961-9	–	–	A	–	–	C	C	J
29507978	CLBT 5961-9	–	–	A	–	–	E	C	J
29508014	CLT 6061-4	–	E	–	–	–	B	A	A
29508108	CLBT 5961-11	–	K	–	E	–	C	A	C
29508112	CLBT 6061-4	–	D	–	–	–	B	A	A
29508203	CLT 5961-4	–	C	–	–	–	C	A	C
29508204	CLT 6061-4	–	C	–	–	–	A	A	A
29508489	CLT 6062-6	B	D	–	–	A	–	A	A
29508551	CLT 6062-6	B	E	–	–	A	–	D	L
29508673	CLBT 6062-6	E	E	–	–	A	–	D	K
29509326	CLT 5962-6	D	G	–	–	A	–	A	A
29509327	CLT 6062-6	B	E	–	–	A	–	D	K
29509427	CLT 5961-4	–	B	–	–	–	E	A	C

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	29502806
A	A	A	A	A	A	A	A	A	29502910
A	D	A	–	A	B	A	B	A	29502981
A	D	A	–	A	B	A	B	A	29503664
A	D	A	–	A	B	A	B	A	29505111
A	D	A	–	A	B	A	D	A	29505116
A	D	A	–	A	B	A	B	A	29505125
A	D	A	–	A	B	A	D	A	29505126
A	D	A	–	A	B	A	B	A	29505133
A	A	A	A	A	A	A	A	A	29505148
B	F	A	–	A	B	A	B	A	29505164
A	A	A	A	A	A	A	C	A	29505220
B	A	A	A	A	A	A	A	A	29505262
A	A	A	A	A	A	A	A	A	29505392
A	A	A	A	A	A	A	A	A	29505393
A	A	A	A	A	A	A	A	A	29505435
A	H	A	A	A	A	A	A	A	29505457
B	A	A	A	A	A	A	A	A	29505484
A	A	A	A	A	A	A	A	A	29506921
A	A	A	A	A	A	A	A	A	29507005
B	F	A	–	A	B	A	B	A	29507077
A	A	A	A	A	A	A	A	A	29507137
A	D	A	–	A	B	A	B	A	29507393
A	A	A	A	A	A	A	A	A	29507394
A	D	A	–	A	B	A	B	A	29507704
A	F	A	–	A	B	A	B	A	29507754
B	A	A	A	A	A	A	C	A	29507976
B	A	A	A	A	A	A	C	A	29507977
B	A	A	A	A	A	A	C	A	29507978
A	D	A	–	A	B	A	B	A	29508014
A	A	A	A	A	A	A	C	A	29508108
A	A	A	A	A	A	A	A	A	29508112
A	D	A	–	A	B	A	B	A	29508203
A	D	A	–	A	B	A	B	A	29508204
B	D	A	–	A	B	A	B	A	29508489
B	F	A	–	A	B	A	B	A	29508551
B	H	A	A	A	A	A	A	A	29508673
B	D	A	–	A	B	A	B	A	29509326
B	F	A	–	A	B	A	B	A	29509327
A	D	A	–	A	B	A	B	A	29509427

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29502806	CLT 6061-4	B	B	A	A	B	A	A	–
29502910	CLBT 6062-4	B	B	A	A	B	A	C	–
29502981	CLT 5961-4	A	A	A	A	A	A	A	–
29503664	CLT 5962-6	A	A	A	A	A	A	C	–
29505111	CLT 5961-4	A	A	A	A	A	A	A	–
29505116	CLBT 5962-4	A	A	B	A	A	A	–	E
29505125	CLT 5961-4	A	A	A	A	A	A	A	–
29505126	CLT 5962-1	A	A	B	A	A	A	–	E
29505133	CLT 6061-4	B	B	A	A	B	A	A	–
29505148	CLBT 5962-6	A	A	A	A	A	A	C	–
29505164	CLT 6062-4	B	B	A	A	B	A	C	–
29505220	CLBT 6061-12	B	B	D	A	B	A	–	F
29505262	CLBT 5962-6	A	A	A	A	A	A	C	–
29505392	CLBT 6062-4	B	B	A	A	B	A	C	–
29505393	CLBT 5961-6	A	A	A	A	A	A	A	–
29505435	CLBT 6061-6	B	B	A	A	B	A	A	–
29505457	CLBT 6062	B	B	A	A	B	A	C	–
29505484	CLBT 5961-6	A	A	A	A	A	A	A	–
29506921	CLBT 6062-6	B	B	A	A	B	A	C	–
29507005	CLBT 5962-6	A	A	A	A	A	A	C	–
29507077	CLT 6062-4	B	B	A	A	B	A	C	–
29507137	CLBT 5962-6	A	A	A	A	A	A	C	–
29507393	CLT 5962-6	A	A	A	A	A	A	C	–
29507394	CLBT 5962-6	A	A	A	A	A	A	C	–
29507704	CLT 6061-4	B	B	A	A	B	A	A	–
29507754	CLT 6061-4	B	B	A	A	B	A	A	–
29507976	CLBT 5961-1	A	A	B	A	A	A	–	A
29507977	CLBT 5961-9	A	A	B	A	A	A	–	H
29507978	CLBT 5961-9	A	A	B	A	A	A	–	H
29508014	CLT 6061-4	B	B	A	A	B	A	A	–
29508108	CLBT 5961-11	A	A	D	A	A	A	–	C
29508112	CLBT 6061-4	B	B	A	A	B	A	A	–
29508203	CLT 5961-4	A	A	A	A	A	A	A	–
29508204	CLT 6061-4	B	B	A	A	B	A	A	–
29508489	CLT 6062-6	B	B	A	A	B	A	C	–
29508551	CLT 6062-6	B	B	A	A	B	A	C	–
29508673	CLBT 6062-6	B	B	A	A	B	A	C	–
29509326	CLT 5962-6	A	A	A	A	A	A	C	–
29509327	CLT 6062-6	B	B	A	A	B	A	C	–
29509427	CLT 5961-4	A	A	A	A	A	A	A	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	A	–	G	–	29502806
–	–	–	A	F	M	A	H	–	29502910
–	–	–	A	F	A	–	A	–	29502981
–	–	–	A	F	M	–	H	–	29503664
–	–	–	B	F	A	–	B	C	29505111
E	D	D	E	F	M	A	H	A	29505116
–	–	–	A	E	A	–	A	–	29505125
E	D	D	E	F	M	–	H	–	29505126
–	–	–	A	E	A	–	F	–	29505133
–	–	–	B	F	M	A	H	–	29505148
–	–	–	A	E	M	–	H	–	29505164
B	A	A	E	E	A	A	A	–	29505220
–	–	–	A	F	M	A	H	–	29505262
–	–	–	A	F	M	A	H	–	29505392
–	–	–	A	F	A	A	A	A	29505393
–	–	–	A	E	A	A	C	C	29505435
–	–	–	A	F	M	A	H	–	29505457
–	–	–	A	E	A	A	B	–	29505484
–	–	–	A	E	M	A	H	–	29506921
–	–	–	B	F	M	A	H	–	29507005
–	–	–	B	E	M	–	H	–	29507077
–	–	–	A	E	M	A	H	–	29507137
–	–	–	A	F	M	–	H	–	29507393
–	–	–	A	F	M	A	H	–	29507394
–	–	–	A	F	A	–	A	–	29507704
–	–	–	A	E	A	–	A	–	29507754
H	–	–	D	E	H	A	D	–	29507976
G	–	–	D	G	H	B	F	–	29507977
G	–	–	D	G	H	B	F	–	29507978
–	–	–	A	E	A	–	C	–	29508014
B	B	B	E	F	A	A	A	–	29508108
–	–	–	A	F	A	A	B	–	29508112
–	–	–	A	F	A	–	A	C	29508203
–	–	–	A	E	A	–	A	–	29508204
–	–	–	B	F	M	–	H	C	29508489
–	–	–	B	F	M	–	H	B	29508551
–	–	–	B	F	M	A	H	B	29508673
–	–	–	B	F	M	–	H	C	29509326
–	–	–	B	F	M	–	H	B	29509327
–	–	–	A	E	A	–	A	–	29509427

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29509671	CLT 5962-5	–	–	M	C	–	E	A	A
29509737	CLBT 6061-4	–	D	–	–	–	B	A	A
29509880	CLT 5961-4	–	C	–	–	–	B	A	C
29509881	CLBT 5961-4	–	C	–	–	–	D	A	E
29510304	CLBT 5961-12	A	K	K	E	A	–	A	B
29510527	CLBT 5961-6	D	C	–	–	A	–	A	E
29510776	CLBT 6061-6	E	E	–	–	A	–	A	A
29510840	CLBT 5961-6	D	C	–	–	A	–	A	C
29510882	CLT 5961-5	–	A	–	A	–	D	A	B
29510890	CLT 5961-4	–	C	–	–	–	B	A	B
29511635	CLT 6062-6	A	B	–	–	A	–	D	K
29511642	CLBT 5961-6	E	C	–	–	A	–	A	C
29512308	CLT 5961-11	–	K	–	E	–	D	A	A
29512315	CLT 5961-5	–	–	L	E	–	E	A	A
29512615	CLT 5961-4	–	C	–	–	–	C	A	B
29512848	CLBT 6062-4	–	C	–	–	–	B	A	B
29513066	CLT 5961-1	E	–	J	–	A	–	A	C
29513284	CLBT 5961-4	–	E	–	–	–	A	A	B
29513441	CLT 6063-6	B	E	–	–	A	–	D	K
29513469	CLBT 5961-6	E	F	–	–	A	–	A	A
29513514	CLT 6063-6	B	E	–	–	A	–	D	L
29513620	CLT 6061-4	–	C	–	–	–	B	A	B
29513621	CLBT 5961-6	E	F	–	–	A	–	A	E
29513735	CLT 5961-12	E	K	K	E	A	–	A	B
29513774	CLBT 5961-4	–	C	–	–	–	D	A	B
29513775	CLT 5961-4	–	C	–	–	–	B	A	C
29513779	CLBT 6062-6	B	E	–	–	A	–	D	K
29513789	CLBT 5961-6	D	C	–	–	A	–	A	C
29514047	CLBT 6062-6	A	B	–	–	A	–	D	K
29514189	CLT 5961-11	–	K	–	E	–	B	A	A
29514274	CLBT 6062-6	A	B	–	–	A	–	D	K
29514475	CLBT 6061-6	E	E	–	–	A	–	A	A
29514561	CLBT 6061-4	–	G	–	–	–	D	D	K
29514575	CLT 6061-4	–	C	–	–	–	D	A	P
29514960	CLBT 5961-11	–	K	–	E	–	B	A	B
29514961	CLT 6061-4	–	E	–	–	–	B	A	A
29515003	CLBT 5963-1	B	–	G	–	A	–	A	B
29515004	CLBT 5963-1	B	–	G	–	A	–	A	B
29515005	CLBT 5963-2	–	–	B	–	–	C	A	A
29515006	CLBT 5963-2	–	–	D	–	–	C	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	D	A	29509671
A	A	A	A	A	A	A	A	A	29509737
A	D	A	–	A	B	A	B	A	29509880
A	A	A	A	A	A	A	A	A	29509881
A	A	A	A	A	A	A	C	A	29510304
A	A	A	A	A	A	A	A	A	29510527
A	A	A	A	A	A	A	A	A	29510776
A	A	A	A	A	A	A	A	A	29510840
A	D	A	–	A	B	A	D	A	29510882
A	D	A	–	A	B	A	B	A	29510890
A	F	A	–	A	B	A	B	A	29511635
B	A	A	A	A	A	A	A	A	29511642
A	D	A	–	A	B	A	D	A	29512308
A	D	A	–	A	B	A	D	A	29512315
A	D	A	–	A	B	A	B	A	29512615
A	A	A	A	A	A	A	A	A	29512848
B	D	A	–	A	B	A	D	A	29513066
B	A	A	A	A	A	A	A	A	29513284
B	F	A	–	A	B	A	B	A	29513441
B	A	A	A	A	A	A	A	A	29513469
B	F	A	–	A	B	A	B	A	29513514
B	D	A	–	A	B	A	B	A	29513620
A	A	A	A	A	A	A	A	A	29513621
A	D	A	–	A	B	A	D	A	29513735
A	A	A	A	A	A	A	A	A	29513774
A	D	A	–	A	B	A	B	A	29513775
B	H	A	A	A	A	A	A	A	29513779
A	A	A	A	A	A	A	A	A	29513789
A	H	A	A	A	A	A	A	A	29514047
A	D	A	–	A	B	A	D	A	29514189
A	H	A	A	A	A	A	A	A	29514274
B	A	A	A	A	A	A	A	A	29514475
A	H	A	A	A	A	A	A	A	29514561
A	F	A	–	A	B	A	B	A	29514575
A	A	A	A	A	A	A	C	A	29514960
A	D	A	–	A	B	A	B	A	29514961
A	A	A	A	A	A	A	C	A	29515003
A	A	A	A	A	A	A	C	A	29515004
A	A	A	A	A	A	A	C	A	29515005
A	A	A	A	A	A	A	C	A	29515006

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29509671	CLT 5962-5	A	A	B	A	A	A	–	E
29509737	CLBT 6061-4	B	B	A	A	B	A	A	–
29509880	CLT 5961-4	A	A	A	A	A	A	A	–
29509881	CLBT 5961-4	A	A	A	A	A	A	A	–
29510304	CLBT 5961-12	A	A	D	A	A	A	–	F
29510527	CLBT 5961-6	A	A	A	A	A	A	A	–
29510776	CLBT 6061-6	B	B	A	A	B	A	A	–
29510840	CLBT 5961-6	A	A	A	A	A	A	A	–
29510882	CLT 5961-5	A	A	D	A	A	A	–	C
29510890	CLT 5961-4	A	A	A	A	A	A	A	–
29511635	CLT 6062-6	B	B	A	A	B	A	C	–
29511642	CLBT 5961-6	A	A	A	A	A	A	A	–
29512308	CLT 5961-11	A	A	D	A	A	A	–	C
29512315	CLT 5961-5	A	A	B	A	A	A	–	K
29512615	CLT 5961-4	A	A	A	A	A	A	A	–
29512848	CLBT 6062-4	B	B	A	A	B	A	C	–
29513066	CLT 5961-1	A	A	B	A	A	A	–	H
29513284	CLBT 5961-4	A	A	A	A	A	A	A	–
29513441	CLT 6063-6	B	B	A	A	B	A	C	–
29513469	CLBT 5961-6	A	A	A	A	A	A	A	–
29513514	CLT 6063-6	B	B	A	A	B	A	C	–
29513620	CLT 6061-4	B	B	A	A	B	A	A	–
29513621	CLBT 5961-6	A	A	A	A	A	A	A	–
29513735	CLT 5961-12	A	A	D	A	A	A	–	F
29513774	CLBT 5961-4	A	A	A	A	A	A	A	–
29513775	CLT 5961-4	A	A	A	A	A	A	A	–
29513779	CLBT 6062-6	B	B	A	A	B	A	C	–
29513789	CLBT 5961-6	A	A	A	A	A	A	A	–
29514047	CLBT 6062-6	B	B	A	A	B	A	C	–
29514189	CLT 5961-11	A	A	D	A	A	A	–	C
29514274	CLBT 6062-6	B	B	A	A	B	A	C	–
29514475	CLBT 6061-6	B	B	A	A	B	A	A	–
29514561	CLBT 6061-4	B	B	A	A	B	A	A	–
29514575	CLT 6061-4	B	B	A	A	B	A	A	–
29514960	CLBT 5961-11	A	A	D	A	A	A	–	C
29514961	CLT 6061-4	B	B	A	A	B	A	A	–
29515003	CLBT 5963-1	A	A	B	A	A	A	–	A
29515004	CLBT 5963-1	A	A	B	A	A	A	–	A
29515005	CLBT 5963-2	A	A	D	A	A	A	–	J
29515006	CLBT 5963-2	A	A	D	A	A	A	–	J

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
E	D	D	E	E	M	–	H	–	29509671
–	–	–	A	E	A	A	B	–	29509737
–	–	–	A	F	A	–	A	A	29509880
–	–	–	A	F	A	A	A	–	29509881
B	A	A	E	F	A	A	B	–	29510304
–	–	–	A	E	A	A	B	C	29510527
–	–	–	A	F	A	A	B	B	29510776
–	–	–	A	G	A	A	B	C	29510840
B	B	B	E	E	A	–	A	–	29510882
–	–	–	A	E	A	–	A	–	29510890
–	–	–	B	F	M	–	H	–	29511635
–	–	–	A	E	A	A	A	A	29511642
B	B	B	E	E	A	–	A	–	29512308
A	–	–	E	E	A	–	B	–	29512315
–	–	–	A	E	A	–	B	–	29512615
–	–	–	A	F	M	D	H	–	29512848
G	–	–	D	E	G	–	A	–	29513066
–	–	–	A	E	A	A	C	–	29513284
–	–	–	B	F	M	–	L	B	29513441
–	–	–	A	E	A	A	A	A	29513469
–	–	–	B	F	M	–	L	B	29513514
–	–	–	A	F	A	–	A	–	29513620
–	–	–	A	E	A	A	A	–	29513621
B	A	A	E	E	A	–	A	–	29513735
–	–	–	A	F	A	A	A	–	29513774
–	–	–	A	E	A	–	A	–	29513775
–	–	–	B	F	M	A	H	B	29513779
–	–	–	A	E	A	A	B	C	29513789
–	–	–	B	F	M	A	H	–	29514047
B	B	B	E	E	A	–	A	–	29514189
–	–	–	B	F	M	A	H	–	29514274
–	–	–	A	E	A	A	A	B	29514475
–	–	–	A	F	A	A	A	–	29514561
–	–	–	B	F	A	–	B	C	29514575
B	B	B	E	F	A	A	A	–	29514960
–	–	–	A	E	A	–	C	–	29514961
H	–	–	D	E	M	A	L	–	29515003
H	–	–	D	E	M	A	L	–	29515004
F	E	E	E	E	M	A	L	–	29515005
F	E	E	E	E	M	A	L	–	29515006

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29515007	CLBT 5963-4	–	D	–	–	–	E	A	B
29515008	CLBT 5963-4	–	D	–	–	–	C	A	B
29515009	CLBT 5963-4	–	B	–	–	–	E	A	B
29515010	CLBT 5963-4	A	B	–	–	A	–	C	M
29515011	CLBT 5963-4	D	C	–	–	A	–	A	B
29515012	CLBT 5963-4	–	C	–	–	–	C	A	A
29515013	CLBT 5963-4	–	D	–	–	–	E	A	B
29515014	CLBT 5963-4	–	D	–	–	–	E	A	E
29515015	CLBT 5963-4	–	C	–	–	–	C	A	B
29515016	CLBT 5963-4	–	C	–	–	–	E	A	E
29515017	CLBT 5963-4	–	B	–	–	–	E	A	B
29515018	CLBT 5963-4	A	–	A	A	A	–	A	E
29515019	CLBT 5963-6	A	C	–	–	A	–	A	B
29515020	CLBT 5963-6	E	C	–	–	A	–	A	B
29515021	CLBT 5963-6	E	C	–	–	A	–	A	B
29515022	CLBT 5963-6	A	B	–	–	A	–	A	A
29515023	CLBT 5963-6	D	C	–	–	A	–	A	A
29515024	CLBT 5963-6	D	C	–	–	A	–	A	A
29515025	CLBT 5963-6	B	D	–	–	A	–	A	A
29515026	CLBT 5963-6	–	D	–	–	–	E	A	A
29515027	CLBT 5963-6	B	D	–	–	A	–	A	A
29515028	CLBT 5963-6	B	D	–	–	A	–	A	A
29515029	CLBT 5963-6	D	C	–	–	A	–	A	A
29515030	CLBT 5963-6	E	C	–	–	A	–	A	B
29515031	CLBT 5963-6	E	C	–	–	A	–	A	A
29515032	CLBT 5963-6	A	B	–	–	A	–	A	B
29515033	CLBT 5963-6	A	D	–	–	A	–	A	A
29515034	CLT 6063-4	–	C	–	–	–	A	A	A
29515035	CLT 6063-4	–	C	–	–	–	B	A	A
29515036	CLT 6063-4	–	C	–	–	–	C	A	A
29515037	CLT 5963-1	A	–	A	A	A	–	A	E
29515038	CLT 5963-10	A	–	A	D	A	–	A	A
29515039	CLT 5963-10	A	–	A	D	A	–	A	A
29515040	CLT 5963-3	A	A	–	–	A	–	A	A
29515041	CLT 5963-5	–	–	H	C	–	E	A	B
29515042	CLT 5963-5	–	–	M	C	–	E	A	B
29515043	CLT 5963-5	–	–	M	C	–	E	A	A
29515044	CLT 5963-6	D	C	–	–	A	–	A	A
29515045	CLT 5963-6	B	D	–	–	A	–	A	A
29515046	CLT 5963-6	B	D	–	–	A	–	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	29515007
A	A	A	A	A	A	A	A	A	29515008
A	A	A	A	A	A	A	A	A	29515009
A	A	A	A	A	A	A	A	A	29515010
A	A	A	A	A	A	A	A	A	29515011
A	A	A	A	A	A	A	A	A	29515012
A	A	A	A	A	A	A	A	A	29515013
A	A	A	A	A	A	A	A	A	29515014
A	A	A	A	A	A	A	A	A	29515015
B	A	A	A	A	A	A	A	A	29515016
A	A	A	A	A	A	A	A	A	29515017
A	D	A	–	A	B	A	D	A	29515018
A	A	A	A	A	A	A	A	A	29515019
A	A	A	A	A	A	A	A	A	29515020
A	A	A	A	A	A	A	A	A	29515021
A	A	A	A	A	A	A	A	A	29515022
A	A	A	A	A	A	A	A	A	29515023
B	A	A	A	A	A	A	A	A	29515024
B	A	A	A	A	A	A	A	A	29515025
A	A	A	A	A	A	A	A	A	29515026
B	A	A	A	A	A	A	A	A	29515027
B	A	A	A	A	A	A	A	A	29515028
A	A	A	A	A	A	A	A	A	29515029
B	A	A	A	A	A	A	A	A	29515030
A	A	A	A	A	A	A	A	A	29515031
A	A	A	A	A	A	A	A	A	29515032
A	A	A	A	A	A	A	A	A	29515033
A	D	A	–	A	B	A	B	A	29515034
A	D	A	–	A	B	A	B	A	29515035
A	D	A	–	A	B	A	B	A	29515036
A	D	A	–	A	B	A	D	A	29515037
A	D	A	–	A	B	A	D	A	29515038
A	D	A	–	A	B	A	D	A	29515039
A	D	A	–	A	B	A	B	A	29515040
A	D	A	–	A	B	A	D	A	29515041
A	D	A	–	A	B	A	D	A	29515042
A	D	A	–	A	B	A	D	A	29515043
B	D	A	–	A	B	A	B	A	29515044
B	D	A	–	A	B	A	B	A	29515045
B	D	A	–	A	B	A	B	A	29515046

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29515007	CLBT 5963-4	A	A	A	A	A	A	C	–
29515008	CLBT 5963-4	A	A	A	A	A	A	C	–
29515009	CLBT 5963-4	A	A	A	A	A	A	C	–
29515010	CLBT 5963-4	A	A	A	A	A	A	C	–
29515011	CLBT 5963-4	A	A	A	A	A	A	C	–
29515012	CLBT 5963-4	A	A	A	A	A	A	C	–
29515013	CLBT 5963-4	A	A	A	A	A	A	C	–
29515014	CLBT 5963-4	A	A	A	A	A	A	C	–
29515015	CLBT 5963-4	A	A	A	A	A	A	C	–
29515016	CLBT 5963-4	A	A	A	A	A	A	C	–
29515017	CLBT 5963-4	A	A	A	A	A	A	C	–
29515018	CLBT 5963-4	A	A	B	A	A	A	–	E
29515019	CLBT 5963-6	A	A	A	A	A	A	C	–
29515020	CLBT 5963-6	A	A	A	A	A	A	C	–
29515021	CLBT 5963-6	A	A	A	A	A	A	C	–
29515022	CLBT 5963-6	A	A	A	A	A	A	C	–
29515023	CLBT 5963-6	A	A	A	A	A	A	C	–
29515024	CLBT 5963-6	A	A	A	A	A	A	C	–
29515025	CLBT 5963-6	A	A	A	A	A	A	C	–
29515026	CLBT 5963-6	A	A	A	A	A	A	C	–
29515027	CLBT 5963-6	A	A	A	A	A	A	C	–
29515028	CLBT 5963-6	A	A	A	A	A	A	C	–
29515029	CLBT 5963-6	A	A	A	A	A	A	C	–
29515030	CLBT 5963-6	A	A	A	A	A	A	C	–
29515031	CLBT 5963-6	A	A	A	A	A	A	C	–
29515032	CLBT 5963-6	A	A	A	A	A	A	C	–
29515033	CLBT 5963-6	A	A	A	A	A	A	C	–
29515034	CLT 6063-4	B	B	A	A	B	A	C	–
29515035	CLT 6063-4	B	B	A	A	B	A	C	–
29515036	CLT 6063-4	B	B	A	A	B	A	C	–
29515037	CLT 5963-1	A	A	B	A	A	A	–	E
29515038	CLT 5963-10	A	A	B	A	A	A	–	J
29515039	CLT 5963-10	A	A	B	A	A	A	–	J
29515040	CLT 5963-3	A	A	C	A	A	A	H	–
29515041	CLT 5963-5	A	A	B	A	A	A	–	E
29515042	CLT 5963-5	A	A	B	A	A	A	–	E
29515043	CLT 5963-5	A	A	B	A	A	A	–	E
29515044	CLT 5963-6	A	A	A	A	A	A	C	–
29515045	CLT 5963-6	A	A	A	A	A	A	C	–
29515046	CLT 5963-6	A	A	A	A	A	A	C	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	M	A	L	–	29515007
–	–	–	A	E	M	A	L	–	29515008
–	–	–	A	F	M	A	L	–	29515009
–	–	–	A	E	M	A	L	–	29515010
–	–	–	A	E	M	A	L	C	29515011
–	–	–	A	F	M	D	L	–	29515012
–	–	–	A	E	M	D	L	–	29515013
–	–	–	A	E	M	A	L	–	29515014
–	–	–	A	F	M	A	L	C	29515015
–	–	–	A	E	M	A	L	–	29515016
–	–	–	A	E	M	D	L	–	29515017
E	D	D	E	F	M	A	L	A	29515018
–	–	–	A	E	M	A	L	C	29515019
–	–	–	A	E	M	A	L	–	29515020
–	–	–	A	E	M	A	L	C	29515021
–	–	–	A	F	M	A	L	–	29515022
–	–	–	B	F	M	A	L	C	29515023
–	–	–	B	F	M	A	L	C	29515024
–	–	–	A	F	M	A	L	C	29515025
–	–	–	A	F	M	A	L	–	29515026
–	–	–	A	F	M	C	L	C	29515027
–	–	–	B	F	M	C	L	C	29515028
–	–	–	B	F	M	A	L	–	29515029
–	–	–	A	F	M	A	L	–	29515030
–	–	–	B	F	M	A	L	–	29515031
–	–	–	A	E	M	A	L	–	29515032
–	–	–	A	F	M	A	L	–	29515033
–	–	–	A	E	M	–	M	–	29515034
–	–	–	A	E	M	–	M	–	29515035
–	–	–	A	E	M	–	M	–	29515036
E	D	D	E	F	M	–	L	–	29515037
A	–	–	E	E	M	–	L	–	29515038
A	–	–	E	E	M	–	L	–	29515039
–	–	–	A	E	M	–	L	–	29515040
E	D	D	E	E	M	–	L	C	29515041
E	D	D	E	E	M	–	L	C	29515042
E	D	D	E	E	M	–	L	–	29515043
–	–	–	B	F	M	–	L	C	29515044
–	–	–	A	F	M	–	L	C	29515045
–	–	–	B	F	M	–	L	C	29515046

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29515047	CLT 5963-6	A	B	–	–	A	–	A	B
29515048	CLT 5963-6	A	D	–	–	A	–	A	B
29515049	CLT 5963-6	D	G	–	–	A	–	A	A
29515054	CLBT 6063-6	–	D	–	–	–	E	A	A
29515055	CLBT 6063-6	E	C	–	–	A	–	A	A
29515056	CLBT 6063-6	E	C	–	–	A	–	D	K
29515057	CLBT 6063-1	A	–	G	–	A	–	A	A
29515058	CLBT 6063-10	E	A	–	–	A	–	A	B
29515061	CLBT 6063-4	–	C	–	–	–	C	A	A
29515062	CLBT 6063-4	–	E	–	–	–	C	A	A
29515063	CLBT 6063-4	–	B	–	–	–	E	A	A
29515064	CLBT 6063-4	–	C	–	–	–	E	A	A
29515065	CLBT 6063-4	–	D	–	–	–	A	A	A
29515066	CLBT 6063-4	–	C	–	–	–	E	A	A
29515067	CLBT 6063-4	A	C	–	–	A	–	A	A
29515068	CLBT 6063-4	–	C	–	–	–	C	A	B
29515069	CLBT 6063-4	–	D	–	–	–	B	A	A
29515070	CLBT 6063-4	–	D	–	–	–	B	A	B
29515071	CLBT 6063-4	–	C	–	–	–	B	A	B
29515072	CLBT 6063-6	E	D	–	–	A	–	A	A
29515073	CLBT 6063-6	E	C	–	–	A	–	A	B
29515074	CLBT 6063-6	A	B	–	–	–	A	A	A
29515075	CLBT 6063-6	E	E	–	–	A	–	A	A
29515076	CLBT 6063-6	A	B	–	–	A	–	A	A
29515077	CLBT 6063-6	E	E	–	–	A	–	A	A
29515078	CLBT 6063-6	A	B	–	–	A	–	B	H
29515079	CLBT 6063-6	–	B	–	–	–	A	A	A
29515080	CLBT 6063-6	–	B	–	–	–	E	A	A
29515081	CLBT 6063-6	B	D	–	–	A	–	A	A
29515082	CLBT 6063-6	E	C	–	–	A	–	A	A
29515083	CLBT 6063-6	E	C	–	–	A	–	A	A
29515084	CLBT 6063-6	E	F	–	–	A	–	A	A
29515085	CLBT 6063-6	A	H	–	–	A	–	A	A
29515086	CLBT 6063-6	B	D	–	–	A	–	A	A
29515087	CLBT 6063-6	B	D	–	–	A	–	A	A
29515088	CLBT 6063-6	E	C	–	–	A	–	A	B
29515089	CLBT 6063-6	B	D	–	–	A	–	A	A
29515090	CLBT 6063-6	E	E	–	–	A	–	D	K
29515091	CLBT 6063-6	B	E	–	–	A	–	D	K
29515092	CLBT 6063-6	A	B	–	–	A	–	D	K

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	29515047
A	D	A	–	A	B	A	B	A	29515048
B	D	A	–	A	B	A	B	A	29515049
A	A	A	A	A	A	A	A	A	29515054
A	A	A	A	A	A	A	A	A	29515055
A	H	A	A	A	A	A	A	A	29515056
B	A	A	A	A	A	A	C	A	29515057
A	A	A	A	A	A	A	A	A	29515058
A	A	A	A	A	A	A	A	A	29515061
A	A	A	A	A	A	A	A	A	29515062
A	A	A	A	A	A	A	A	A	29515063
A	A	A	A	A	A	A	A	A	29515064
A	A	A	A	A	A	A	A	A	29515065
A	A	A	A	A	A	A	A	A	29515066
A	A	A	A	A	A	A	A	A	29515067
A	A	A	A	A	A	A	A	A	29515068
A	A	A	A	A	A	A	A	A	29515069
A	A	A	A	A	A	A	A	A	29515070
A	A	A	A	A	A	A	A	A	29515071
A	A	A	A	A	A	A	A	A	29515072
A	A	A	A	A	A	A	A	A	29515073
A	A	A	A	A	A	A	A	A	29515074
A	A	A	A	A	A	A	A	A	29515075
A	A	A	A	A	A	A	A	A	29515076
A	A	A	A	A	A	A	A	A	29515077
B	A	A	A	A	A	A	A	A	29515078
A	A	A	A	A	A	A	A	A	29515079
A	A	A	A	A	A	A	A	A	29515080
B	A	A	A	A	A	A	A	A	29515081
B	A	A	A	A	A	A	A	A	29515082
A	A	A	A	A	A	A	A	A	29515083
B	A	A	A	A	A	A	A	A	29515084
A	A	A	A	A	A	A	A	A	29515085
B	A	A	A	A	A	A	A	A	29515086
B	A	A	A	A	A	A	A	A	29515087
A	A	A	A	A	A	A	A	A	29515088
A	A	A	A	A	A	A	A	A	29515089
B	H	A	A	A	A	A	A	A	29515090
B	H	A	A	A	A	A	A	A	29515091
A	H	A	A	A	A	A	A	A	29515092

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29515047	CLT 5963-6	A	A	A	A	A	A	C	–
29515048	CLT 5963-6	A	A	A	A	A	A	C	–
29515049	CLT 5963-6	A	A	A	A	A	A	C	–
29515054	CLBT 6063-6	B	B	A	A	B	A	C	–
29515055	CLBT 6063-6	B	B	A	A	B	A	C	–
29515056	CLBT 6063-6	B	B	A	A	B	A	C	–
29515057	CLBT 6063-1	B	B	B	A	B	A	–	B
29515058	CLBT 6063-10	B	B	C	A	B	A	H	–
29515061	CLBT 6063-4	B	B	A	A	B	A	C	–
29515062	CLBT 6063-4	B	B	A	A	B	A	C	–
29515063	CLBT 6063-4	B	B	A	A	B	A	C	–
29515064	CLBT 6063-4	B	B	A	A	B	A	C	–
29515065	CLBT 6063-4	B	B	A	A	B	A	C	–
29515066	CLBT 6063-4	B	B	A	A	B	A	C	–
29515067	CLBT 6063-4	B	B	A	A	B	A	C	–
29515068	CLBT 6063-4	B	B	A	A	B	A	C	–
29515069	CLBT 6063-4	B	B	A	A	B	A	C	–
29515070	CLBT 6063-4	B	B	A	A	B	A	C	–
29515071	CLBT 6063-4	B	B	A	A	B	A	C	–
29515072	CLBT 6063-6	B	B	A	A	B	A	C	–
29515073	CLBT 6063-6	B	B	A	A	B	A	C	–
29515074	CLBT 6063-6	B	B	A	A	B	A	C	–
29515075	CLBT 6063-6	B	B	A	A	B	A	C	–
29515076	CLBT 6063-6	B	B	A	A	B	A	C	–
29515077	CLBT 6063-6	B	B	A	A	B	A	C	–
29515078	CLBT 6063-6	B	B	A	A	B	A	C	–
29515079	CLBT 6063-6	B	B	A	A	B	A	C	–
29515080	CLBT 6063-6	B	B	A	A	B	A	C	–
29515081	CLBT 6063-6	B	B	A	A	B	A	C	–
29515082	CLBT 6063-6	B	B	A	A	B	A	C	–
29515083	CLBT 6063-6	B	B	A	A	B	A	C	–
29515084	CLBT 6063-6	B	B	A	A	B	A	C	–
29515085	CLBT 6063-6	B	B	A	A	B	A	C	–
29515086	CLBT 6063-6	B	B	A	A	B	A	C	–
29515087	CLBT 6063-6	B	B	A	A	B	A	C	–
29515088	CLBT 6063-6	B	B	A	A	B	A	C	–
29515089	CLBT 6063-6	B	B	A	A	B	A	C	–
29515090	CLBT 6063-6	B	B	A	A	B	A	C	–
29515091	CLBT 6063-6	B	B	A	A	B	A	C	–
29515092	CLBT 6063-6	B	B	A	A	B	A	C	–

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	M	–	L	–	29515047
–	–	–	A	F	M	–	L	–	29515048
–	–	–	B	F	M	–	L	C	29515049
–	–	–	A	F	M	A	L	–	29515054
–	–	–	A	F	M	A	L	–	29515055
–	–	–	A	F	M	A	L	–	29515056
H	–	–	E	F	M	D	L	–	29515057
–	–	–	A	E	M	A	L	–	29515058
–	–	–	A	E	M	A	L	C	29515061
–	–	–	A	E	M	A	L	–	29515062
–	–	–	A	E	M	A	L	–	29515063
–	–	–	A	E	M	A	L	–	29515064
–	–	–	A	F	M	A	L	–	29515065
–	–	–	A	F	M	A	L	–	29515066
–	–	–	A	E	M	A	L	–	29515067
–	–	–	A	E	M	D	L	–	29515068
–	–	–	A	F	M	A	L	–	29515069
–	–	–	A	F	M	A	L	–	29515070
–	–	–	A	F	M	D	L	–	29515071
–	–	–	A	E	M	A	L	–	29515072
–	–	–	A	E	M	A	L	–	29515073
–	–	–	A	E	M	A	L	–	29515074
–	–	–	A	E	M	A	L	–	29515075
–	–	–	A	F	M	A	L	–	29515076
–	–	–	B	F	M	A	L	B	29515077
–	–	–	A	F	M	A	L	–	29515078
–	–	–	A	E	M	D	L	–	29515079
–	–	–	A	E	M	D	L	–	29515080
–	–	–	A	F	M	A	L	C	29515081
–	–	–	A	F	M	A	L	–	29515082
–	–	–	A	F	M	A	L	C	29515083
–	–	–	A	F	M	A	L	–	29515084
–	–	–	A	E	M	A	L	–	29515085
–	–	–	A	F	M	C	L	C	29515086
–	–	–	B	F	M	C	L	C	29515087
–	–	–	A	F	M	D	L	–	29515088
–	–	–	A	E	M	A	L	–	29515089
–	–	–	B	F	M	A	L	B	29515090
–	–	–	B	F	M	A	L	B	29515091
–	–	–	B	F	M	A	L	–	29515092

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29515093	CLBT 6063-6	A	B	–	–	A	–	D	K
29515208	CLT 6063-3	–	A	–	–	–	C	A	A
29515209	CLT 6063-4	–	C	–	–	–	C	A	A
29515210	CLT 6063-4	–	B	–	–	–	E	A	B
29515211	CLT 6063-4	–	B	–	–	–	D	D	K
29515212	CLT 6063-4	–	B	–	–	–	D	D	K
29515213	CLT 6063-6	B	E	–	–	A	–	A	A
29515214	CLT 6063-6	E	E	–	–	A	–	A	A
29515215	CLT 6063-6	B	D	–	–	A	–	A	A
29515216	CLT 6063-6	A	B	–	–	A	–	A	A
29515217	CLT 6063-6	B	E	–	–	A	–	D	K
29515218	CLT 6063-6	B	D	–	–	A	–	D	K
29515219	CLT 6063-6	B	D	–	–	A	–	D	K
29515220	CLT 6063-6	B	D	–	–	A	–	A	A
29515221	CLT 6063-6	B	E	–	–	A	–	D	L
29515222	CLT 6063-6	B	E	–	–	A	–	D	K
29515223	CLT 6063-6	A	B	–	–	A	–	D	K
29515713	CLT 6061-4	–	C	–	–	–	B	D	K
29515726	CLT 5963-6	D	G	–	–	A	–	D	K
29515783	CLBT 5961-2	–	K	–	E	–	B	A	F
29515797	CLT 6061-4	–	G	–	–	–	D	D	L
29516063	CLT 5961-12	–	K	K	E	–	D	A	E
29516354	CLT 5961-4	–	C	–	–	–	D	D	L
29516418	CLBT 5961-12	–	K	K	E	–	D	A	B
29516534	CLBT 6061	–	C	–	–	–	D	D	K
29516535	CLBT 6063	–	C	–	–	–	E	D	K
29516595	CLBT 6063-6	B	E	–	–	A	–	D	K
29518034	CLT 6061-4	–	G	–	–	–	D	D	L
29518057	CLT 6061-4	–	E	–	–	–	D	D	L
29519011	CLT 6063-6	A	B	–	–	A	–	D	L
29519012	CLBT 6063-6	A	B	–	–	A	–	D	L
29519032	CLBT 6061-6	E	E	–	–	A	–	D	L
29519033	CLBT 5961-6	D	C	–	–	A	–	C	J
29519034	CLBT 5961-6	D	C	–	–	A	–	A	F
29519298	CLBT 6063-6	A	H	–	–	A	–	D	K
29519299	CLT 6063-6	A	B	–	–	A	–	D	L
29520489	CLT 6061-4	–	E	–	–	–	B	A	A
29520692	CLBT 5961-4	–	C	–	–	–	A	A	B
29520693	CLBT 5961-4	–	C	–	–	–	E	A	B
29520694	CLBT 6063-10	D	A	–	–	A	–	D	K

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	H	A	A	A	A	A	A	A	29515093
A	D	A	–	A	B	A	B	A	29515208
A	D	A	–	A	B	A	B	A	29515209
A	D	A	–	A	B	A	B	A	29515210
B	F	A	–	A	B	A	B	A	29515211
B	F	A	–	A	B	A	B	A	29515212
B	D	A	–	A	B	A	B	A	29515213
B	D	A	–	A	B	A	B	A	29515214
B	D	A	–	A	B	A	B	A	29515215
A	D	A	–	A	B	A	B	A	29515216
B	F	A	–	A	B	A	B	A	29515217
B	F	A	–	A	B	A	B	A	29515218
B	F	A	–	A	B	A	B	A	29515219
B	D	A	–	A	B	A	B	A	29515220
B	F	A	–	A	B	A	B	A	29515221
B	F	A	–	A	B	A	B	A	29515222
A	F	A	–	A	B	A	B	A	29515223
A	F	A	–	A	B	A	B	A	29515713
B	F	A	–	A	B	A	B	A	29515726
A	A	A	A	A	A	A	C	A	29515783
A	F	A	–	A	B	A	B	A	29515797
A	D	A	–	A	B	A	D	A	29516063
A	F	A	–	A	B	A	B	A	29516354
A	A	A	A	A	A	A	C	A	29516418
A	H	A	A	A	A	A	A	A	29516534
A	H	A	A	A	A	A	A	A	29516535
B	H	A	A	A	A	A	A	A	29516595
A	F	A	–	A	B	A	B	A	29518034
A	F	A	–	A	B	A	B	A	29518057
A	F	A	–	A	B	A	B	A	29519011
A	H	A	A	A	A	A	A	A	29519012
A	H	A	A	A	A	A	A	A	29519032
B	A	A	A	A	A	A	A	A	29519033
B	A	A	A	A	A	A	A	A	29519034
A	H	A	A	A	A	A	A	A	29519298
A	F	A	–	A	B	A	B	A	29519299
A	D	A	–	A	B	A	B	A	29520489
B	A	A	A	A	A	A	A	A	29520692
B	A	A	A	A	A	A	A	A	29520693
B	H	A	A	A	A	A	A	A	29520694

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29515093	CLBT 6063-6	B	B	A	A	B	A	C	–
29515208	CLT 6063-3	B	B	C	A	B	A	H	–
29515209	CLT 6063-4	B	B	A	A	B	A	C	–
29515210	CLT 6063-4	B	B	A	A	B	A	C	–
29515211	CLT 6063-4	B	B	A	A	B	A	C	–
29515212	CLT 6063-4	B	B	A	A	B	A	C	–
29515213	CLT 6063-6	B	B	A	A	B	A	C	–
29515214	CLT 6063-6	B	B	A	A	B	A	C	–
29515215	CLT 6063-6	B	B	A	A	B	A	C	–
29515216	CLT 6063-6	B	B	A	A	B	A	C	–
29515217	CLT 6063-6	B	B	A	A	B	A	C	–
29515218	CLT 6063-6	B	B	A	A	B	A	C	–
29515219	CLT 6063-6	B	B	A	A	B	A	C	–
29515220	CLT 6063-6	B	B	A	A	B	A	C	–
29515221	CLT 6063-6	B	B	A	A	B	A	C	–
29515222	CLT 6063-6	B	B	A	A	B	A	C	–
29515223	CLT 6063-6	B	B	A	A	B	A	C	–
29515713	CLT 6061-4	B	B	A	A	B	A	A	–
29515726	CLT 5963-6	A	A	A	A	A	A	C	–
29515783	CLBT 5961-2	A	A	D	A	A	A	–	C
29515797	CLT 6061-4	B	B	A	A	B	A	A	–
29516063	CLT 5961-12	A	A	D	A	A	A	–	F
29516354	CLT 5961-4	A	A	A	A	A	A	A	–
29516418	CLBT 5961-12	A	A	D	A	A	A	–	F
29516534	CLBT 6061	B	B	A	A	B	A	A	–
29516535	CLBT 6063	B	B	A	A	B	A	C	–
29516595	CLBT 6063-6	B	B	A	A	B	A	C	–
29518034	CLT 6061-4	B	B	A	A	B	A	A	–
29518057	CLT 6061-4	B	B	A	A	B	A	A	–
29519011	CLT 6063-6	B	B	A	A	B	A	C	–
29519012	CLBT 6063-6	B	B	A	A	B	A	C	–
29519032	CLBT 6061-6	B	B	A	A	B	A	A	–
29519033	CLBT 5961-6	A	A	A	A	A	A	A	–
29519034	CLBT 5961-6	A	A	A	A	A	A	A	–
29519298	CLBT 6063-6	B	B	A	A	B	A	C	–
29519299	CLT 6063-6	B	B	A	A	B	A	C	–
29520489	CLT 6061-4	B	B	A	A	B	A	A	–
29520692	CLBT 5961-4	A	A	A	A	A	A	A	–
29520693	CLBT 5961-4	A	A	A	A	A	A	A	–
29520694	CLBT 6063-10	B	B	C	A	B	A	H	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	B	F	M	A	L	–	29515093
–	–	–	A	E	M	–	L	–	29515208
–	–	–	A	E	M	–	L	–	29515209
–	–	–	A	E	M	–	L	–	29515210
–	–	–	A	E	M	–	L	–	29515211
–	–	–	B	E	M	–	L	–	29515212
–	–	–	B	F	M	–	L	B	29515213
–	–	–	B	F	M	–	L	B	29515214
–	–	–	A	F	M	–	L	C	29515215
–	–	–	A	F	M	–	L	–	29515216
–	–	–	B	F	M	–	L	B	29515217
–	–	–	A	F	M	–	L	C	29515218
–	–	–	B	F	M	–	L	C	29515219
–	–	–	B	F	M	–	L	C	29515220
–	–	–	B	F	M	–	L	B	29515221
–	–	–	B	F	M	–	L	B	29515222
–	–	–	B	F	M	–	L	–	29515223
–	–	–	A	E	A	–	F	–	29515713
–	–	–	A	F	M	–	L	C	29515726
B	B	B	E	E	A	A	A	–	29515783
–	–	–	A	E	A	–	C	–	29515797
B	A	A	E	E	A	–	A	–	29516063
–	–	–	A	E	A	–	A	–	29516354
B	A	A	E	F	A	A	A	–	29516418
–	–	–	A	E	G	A	A	–	29516534
–	–	–	A	F	M	C	L	–	29516535
–	–	–	B	F	M	A	L	B	29516595
–	–	–	A	E	A	–	A	C	29518034
–	–	–	A	F	A	–	A	–	29518057
–	–	–	B	F	M	–	L	–	29519011
–	–	–	B	F	M	A	L	–	29519012
–	–	–	A	E	A	A	B	–	29519032
–	–	–	A	E	A	A	B	C	29519033
–	–	–	A	E	A	A	C	–	29519034
–	–	–	A	E	M	A	L	–	29519298
–	–	–	B	F	M	–	L	–	29519299
–	–	–	A	E	A	–	C	B	29520489
–	–	–	A	E	A	A	A	–	29520692
–	–	–	A	E	A	A	A	–	29520693
–	–	–	B	G	M	D	L	–	29520694

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29520752	CLT 6063-4	–	C	–	–	–	B	D	K
29521595	CLBT 5961-4	–	D	–	–	–	C	A	B
29522465	CLBT 5961-4	–	D	–	–	–	E	A	B
29522621	CLT 6061-4	–	C	–	–	–	D	A	P
29522752	CLT 5961-11	E	K	–	E	A	–	A	E
29522808	CLT 5963-6	E	E	–	–	A	–	D	K
29522816	CLBT 5961-1	B	–	G	–	A	–	A	B
29522892	CLBT 5961-12	–	K	K	E	–	D	A	B
29522899	CLBT 5961-4	–	C	–	–	–	B	A	C
29523260	CLBT 5963-6	E	C	–	–	A	–	A	B
29523337	CLT 5961-11	–	K	–	E	–	B	A	C
29523392	CLBT 6061-4	–	D	–	–	–	C	A	A
29523393	CLBT 5963-4	–	D	–	–	–	M	A	B
29523442	CLT 5961-12	–	K	K	E	–	C	A	C
29523815	CLT 5963-6	A	B	–	–	A	–	A	B
29523816	CLBT 5963-6	A	B	–	–	A	–	A	A
29523827	CLT 6063-6	B	E	–	–	A	–	A	N
29523865	CLBT 5963-6	A	B	–	–	A	–	A	B
29523916	CLBT 5961-2	–	A	–	E	–	C	A	F
29523917	CLBT 5961-2	–	A	–	E	–	C	A	C
29523950	CLBT 6063-6	B	E	–	–	A	–	A	N
29523976	CLBT 5963-6	A	B	–	–	A	–	A	B
29523983	CLBT 5961-6	D	C	–	–	A	–	A	A
29524497	CLBT 5963-4	–	D	–	–	–	M	A	A
29524506	CLT 6063-6	B	D	–	–	A	–	D	L
29524584	CLBT 5961-6	A	B	–	–	A	–	A	A
29524585	CLT 5961-4	–	C	–	–	–	C	A	E
29524609	CLBT 5961-12	–	K	K	E	–	C	A	F
29524635	CLT 5961-12	E	K	K	E	A	–	A	B
29524802	CLBT 6063-6	A	B	–	–	A	–	D	K
29524838	CLBT 6063-6	B	D	–	–	A	–	A	N
29524877	CLBT 6063-6	B	E	–	–	A	–	A	N
29524878	CLT 5963-6	B	E	–	–	A	–	D	K
29524981	CLBT 6063-6	B	E	–	–	A	–	D	L
29524991	CLT 5961-6	E	C	–	–	A	–	A	A
29525070	CLBT 6063-4	–	D	–	–	–	B	A	B
29525202	CLBT 6061-6	E	C	–	–	A	–	B	B
29525203	CLT 5963-6	D	G	–	–	A	–	D	K
29525223	CLT 5961-4	–	C	–	–	–	C	A	C
29525237	CLT 5963-6	B	H	–	–	A	–	D	K

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	F	A	–	A	B	A	B	A	29520752
A	A	A	A	A	A	A	A	A	29521595
A	A	A	A	A	A	A	A	A	29522465
A	F	A	–	A	B	A	B	A	29522621
A	D	A	–	A	B	A	D	A	29522752
B	F	A	–	A	B	A	B	A	29522808
A	A	A	A	A	A	A	C	A	29522816
A	A	A	A	A	A	A	C	A	29522892
A	A	A	A	A	A	A	A	A	29522899
A	A	A	A	A	A	A	A	A	29523260
A	D	A	–	A	B	A	D	A	29523337
A	A	A	A	A	A	A	A	A	29523392
A	A	A	A	A	A	A	A	A	29523393
A	D	A	–	A	B	A	D	A	29523442
A	D	A	–	A	B	A	B	A	29523815
A	A	A	A	A	A	A	A	A	29523816
B	F	A	–	A	B	A	B	A	29523827
A	A	A	A	A	A	A	A	A	29523865
A	A	A	A	A	A	A	C	A	29523916
A	A	A	A	A	A	A	C	A	29523917
B	A	A	A	A	A	A	A	A	29523950
A	A	A	A	A	A	A	A	A	29523976
B	A	A	A	A	A	A	A	A	29523983
A	A	A	A	A	A	A	A	A	29524497
B	F	A	–	A	B	A	B	A	29524506
A	A	A	A	A	A	A	A	A	29524584
A	D	A	–	A	B	A	B	A	29524585
A	A	A	A	A	A	A	C	A	29524609
A	D	A	–	A	B	A	D	A	29524635
A	H	A	A	A	A	A	A	A	29524802
B	A	A	A	A	A	A	A	A	29524838
B	H	A	A	A	A	A	A	A	29524877
B	F	A	–	A	B	A	B	A	29524878
B	H	A	A	A	A	A	A	A	29524981
A	D	A	–	A	B	A	B	A	29524991
A	H	A	A	A	A	A	A	A	29525070
A	A	A	A	A	A	A	A	A	29525202
B	F	A	–	A	B	A	B	A	29525203
A	D	A	–	A	B	A	B	A	29525223
B	F	A	–	A	B	A	B	A	29525237

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29520752	CLT 6063-4	B	B	A	A	B	A	C	–
29521595	CLBT 5961-4	A	A	A	A	A	A	A	–
29522465	CLBT 5961-4	A	A	A	A	A	A	A	–
29522621	CLT 6061-4	B	B	A	A	B	A	A	–
29522752	CLT 5961-11	A	A	D	A	A	A	–	C
29522808	CLT 5963-6	A	A	A	A	A	A	C	–
29522816	CLBT 5961-1	A	A	B	A	A	A	–	A
29522892	CLBT 5961-12	A	A	D	A	A	A	–	F
29522899	CLBT 5961-4	A	A	A	A	A	A	A	–
29523260	CLBT 5963-6	A	A	A	A	A	A	C	–
29523337	CLT 5961-11	A	A	D	A	A	A	–	C
29523392	CLBT 6061-4	B	B	A	A	B	A	A	–
29523393	CLBT 5963-4	A	A	A	A	A	A	C	–
29523442	CLT 5961-12	A	A	D	A	A	A	–	F
29523815	CLT 5963-6	A	A	A	A	A	A	C	–
29523816	CLBT 5963-6	A	A	A	A	A	A	C	–
29523827	CLT 6063-6	B	B	A	A	B	A	C	–
29523865	CLBT 5963-6	A	A	A	A	A	A	C	–
29523916	CLBT 5961-2	A	A	D	A	A	A	–	C
29523917	CLBT 5961-2	A	A	D	A	A	A	–	C
29523950	CLBT 6063-6	B	B	A	A	B	A	C	–
29523976	CLBT 5963-6	A	A	A	A	A	A	C	–
29523983	CLBT 5961-6	A	A	A	A	A	A	A	–
29524497	CLBT 5963-4	A	A	A	A	A	A	C	–
29524506	CLT 6063-6	B	B	A	A	B	A	C	–
29524584	CLBT 5961-6	A	A	A	A	A	A	A	–
29524585	CLT 5961-4	A	A	A	A	A	A	A	–
29524609	CLBT 5961-12	A	A	D	A	A	A	–	F
29524635	CLT 5961-12	A	A	D	A	A	A	–	F
29524802	CLBT 6063-6	B	B	A	A	B	A	C	–
29524838	CLBT 6063-6	B	B	A	A	B	A	C	–
29524877	CLBT 6063-6	B	B	A	A	B	A	C	–
29524878	CLT 5963-6	A	A	A	A	A	A	C	–
29524981	CLBT 6063-6	B	B	A	A	B	A	C	–
29524991	CLT 5961-6	A	A	A	A	A	A	A	–
29525070	CLBT 6063-4	B	B	A	A	B	A	C	–
29525202	CLBT 6061-6	B	B	A	A	B	A	A	–
29525203	CLT 5963-6	A	A	A	A	A	A	C	–
29525223	CLT 5961-4	A	A	A	A	A	A	A	–
29525237	CLT 5963-6	A	A	A	A	A	A	C	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	M	–	M	–	29520752
–	–	–	A	E	A	A	B	A	29521595
–	–	–	A	E	G	A	E	–	29522465
–	–	–	A	E	A	–	C	C	29522621
B	B	B	E	E	A	–	A	–	29522752
–	–	–	A	F	M	–	L	B	29522808
H	–	–	D	E	G	A	B	–	29522816
B	A	A	E	E	A	A	A	–	29522892
–	–	–	A	E	A	A	A	C	29522899
–	–	–	A	E	M	A	L	C	29523260
B	B	B	E	E	A	–	A	–	29523337
–	–	–	A	F	A	A	B	–	29523392
–	–	–	A	E	M	A	L	–	29523393
B	A	A	E	E	A	–	A	–	29523442
–	–	–	B	F	M	–	L	–	29523815
–	–	–	B	F	M	A	L	–	29523816
–	–	–	B	F	M	–	L	B	29523827
–	–	–	B	F	M	A	L	–	29523865
B	B	B	E	E	A	A	A	–	29523916
B	B	B	E	E	A	A	A	–	29523917
–	–	–	B	F	M	A	L	B	29523950
–	–	–	A	F	M	A	L	–	29523976
–	–	–	A	E	A	A	B	C	29523983
–	–	–	A	E	M	A	L	–	29524497
–	–	–	B	F	M	–	L	C	29524506
–	–	–	A	F	A	A	A	–	29524584
–	–	–	A	E	A	–	A	–	29524585
B	A	A	E	E	A	A	A	–	29524609
B	A	A	E	E	A	–	A	–	29524635
–	–	–	A	E	M	A	L	–	29524802
–	–	–	A	F	M	A	L	C	29524838
–	–	–	B	F	M	A	L	B	29524877
–	–	–	A	F	M	–	L	B	29524878
–	–	–	B	F	M	A	L	B	29524981
–	–	–	A	E	A	–	A	–	29524991
–	–	–	A	F	M	A	L	–	29525070
–	–	–	A	E	A	A	C	–	29525202
–	–	–	B	F	M	–	L	–	29525203
–	–	–	A	F	A	–	A	–	29525223
–	–	–	A	F	M	–	L	B	29525237

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29525260	CLT 5961-12	–	K	K	E	–	D	A	A
29525262	CLT 6063-4	–	D	–	–	–	E	A	N
29525365	CLT 5963-6	B	E	–	–	A	–	D	K
29526940	CLBT 5961-4	–	C	–	–	–	C	A	C
29526944	CLT 6061-4	–	B	–	–	–	E	A	P
29527193	CLBT 5961-9	–	–	A	–	–	E	A	C
29527220	CLBT 5961-11	–	K	–	E	–	D	A	A
29527249	CLT 6061-4	–	C	–	–	–	E	A	A
29527794	CLBT 5961-4	–	D	–	–	–	C	A	A
29527800	CLT 5963-1	A	–	A	A	A	–	A	C
29527801	CLBT 5963-4	–	D	–	–	–	E	A	C
29527802	CLBT 5963-4	–	D	–	–	–	M	A	A
29527803	CLBT 5961-4	–	D	–	–	–	E	A	A
29527804	CLT 6063-4	–	C	–	–	–	C	A	A
29527805	CLBT 5961-2	–	A	–	E	–	C	A	C
29527806	CLT 6063-4	–	B	–	–	–	E	A	A
29527807	CLT 5963-6	A	B	–	–	A	–	A	A
29527808	CLBT 5961-6	A	B	–	–	A	–	A	A
29527809	CLT 5963-6	A	D	–	–	A	–	A	A
29527810	CLT 6063-4	–	C	–	–	–	C	A	A
29527811	CLT 5963-6	B	D	–	–	A	–	A	A
29527812	CLBT 5961-6	E	C	–	–	A	–	A	A
29527813	CLT 5963-5	–	–	A	A	–	E	A	A
29527814	CLBT 5961-6	A	C	–	–	A	–	A	C
29527815	CLT 5963-5	–	–	A	A	–	E	A	A
29527816	CLBT 5961-6	E	B	–	–	A	–	A	C
29527817	CLBT 5961-4	–	D	–	–	–	E	A	A
29527818	CLT 5963-5	–	–	A	A	–	E	A	A
29527819	CLBT 5961-4	–	C	–	–	–	D	A	C
29527820	CLT 5963-3	A	A	–	–	A	–	A	A
29527821	CLBT 5961-4	–	C	–	–	–	C	A	C
29527822	CLBT 5961-6	E	C	–	–	A	–	A	C
29527823	CLBT 5961-6	A	D	–	–	A	–	A	A
29527824	CLT 5961-12	E	K	K	E	A	–	A	A
29527825	CLBT 5961-4	–	D	–	–	–	E	A	C
29527826	CLBT 5961-4	–	C	–	–	–	D	A	A
29527827	CLBT 5961-12	–	K	K	E	–	D	A	A
29527828	CLBT 5963-4	–	D	–	–	–	C	A	A
29527829	CLBT 5963-1	B	–	G	–	A	–	A	A
29527830	CLBT 5963-4	–	B	–	–	–	E	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	D	A	29525260
B	F	A	–	A	B	A	B	A	29525262
B	F	A	–	A	B	A	B	A	29525365
A	A	A	A	A	A	A	A	A	29526940
A	F	A	–	A	B	A	B	A	29526944
B	A	A	A	A	A	A	C	A	29527193
A	A	A	A	A	A	A	C	A	29527220
A	D	A	–	A	B	A	B	A	29527249
A	H	A	A	A	A	A	A	A	29527794
A	D	A	–	A	B	A	D	A	29527800
A	H	A	A	A	A	A	A	A	29527801
A	H	A	A	A	A	A	A	A	29527802
A	H	A	A	A	A	A	A	A	29527803
A	D	A	–	A	B	A	B	A	29527804
A	A	A	A	A	A	A	C	A	29527805
A	D	A	–	A	B	A	B	A	29527806
A	D	A	–	A	B	A	B	A	29527807
B	H	A	A	A	A	A	A	A	29527808
A	D	A	–	A	B	A	B	A	29527809
A	D	A	–	A	B	A	B	A	29527810
B	D	A	–	A	B	A	B	A	29527811
B	H	A	A	A	A	A	A	A	29527812
A	D	A	–	A	B	A	D	A	29527813
A	H	A	A	A	A	A	A	A	29527814
A	D	A	–	A	B	A	D	A	29527815
A	H	A	A	A	A	A	A	A	29527816
A	H	A	A	A	A	A	A	A	29527817
A	D	A	–	A	B	A	D	A	29527818
A	H	A	A	A	A	A	A	A	29527819
A	D	A	–	A	B	A	B	A	29527820
A	H	A	A	A	A	A	A	A	29527821
B	H	A	A	A	A	A	A	A	29527822
A	H	A	A	A	A	A	A	A	29527823
A	D	A	–	A	B	A	D	A	29527824
A	H	A	A	A	A	A	A	A	29527825
A	H	A	A	A	A	A	A	A	29527826
A	A	A	A	A	A	A	C	A	29527827
A	H	A	A	A	A	A	A	A	29527828
A	A	A	A	A	A	A	C	A	29527829
A	H	A	A	A	A	A	A	A	29527830

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29525260	CLT 5961-12	A	A	D	A	A	A	–	F
29525262	CLT 6063-4	B	B	A	A	B	A	C	–
29525365	CLT 5963-6	A	A	A	A	A	A	C	–
29526940	CLBT 5961-4	A	A	A	A	A	A	A	–
29526944	CLT 6061-4	B	B	A	A	B	A	A	–
29527193	CLBT 5961-9	A	A	B	A	A	A	–	G
29527220	CLBT 5961-11	A	A	D	A	A	A	–	C
29527249	CLT 6061-4	B	B	A	A	B	A	A	–
29527794	CLBT 5961-4	A	A	A	A	A	A	E	–
29527800	CLT 5963-1	A	A	B	A	A	A	–	E
29527801	CLBT 5963-4	A	A	A	A	A	A	E	–
29527802	CLBT 5963-4	A	A	A	A	A	A	E	–
29527803	CLBT 5961-4	A	A	A	A	A	A	E	–
29527804	CLT 6063-4	B	B	A	A	B	A	E	–
29527805	CLBT 5961-2	A	A	D	A	A	A	–	D
29527806	CLT 6063-4	B	B	A	A	B	A	E	–
29527807	CLT 5963-6	A	A	A	A	A	A	E	–
29527808	CLBT 5961-6	A	A	A	A	A	A	E	–
29527809	CLT 5963-6	A	A	A	A	A	A	E	–
29527810	CLT 6063-4	B	B	A	A	B	A	E	–
29527811	CLT 5963-6	A	A	A	A	A	A	E	–
29527812	CLBT 5961-6	A	A	A	A	A	A	E	–
29527813	CLT 5963-5	A	A	B	A	A	A	–	E
29527814	CLBT 5961-6	A	A	A	A	A	A	E	–
29527815	CLT 5963-5	A	A	B	A	A	A	–	E
29527816	CLBT 5961-6	A	A	A	A	A	A	E	–
29527817	CLBT 5961-4	A	A	A	A	A	A	E	–
29527818	CLT 5963-5	A	A	B	A	A	A	–	E
29527819	CLBT 5961-4	A	A	A	A	A	A	E	–
29527820	CLT 5963-3	A	A	C	A	A	A	H	–
29527821	CLBT 5961-4	A	A	A	A	A	A	E	–
29527822	CLBT 5961-6	A	A	A	A	A	A	E	–
29527823	CLBT 5961-6	A	A	A	A	A	A	E	–
29527824	CLT 5961-12	A	A	D	A	A	A	–	E
29527825	CLBT 5961-4	A	A	A	A	A	A	E	–
29527826	CLBT 5961-4	A	A	A	A	A	A	E	–
29527827	CLBT 5961-12	A	A	D	A	A	A	–	E
29527828	CLBT 5963-4	A	A	A	A	A	A	E	–
29527829	CLBT 5963-1	A	A	B	A	A	A	–	B
29527830	CLBT 5963-4	A	A	A	A	A	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	A	A	E	E	A	–	A	–	29525260
–	–	–	A	F	M	–	L	–	29525262
–	–	–	B	F	M	–	L	B	29525365
–	–	–	A	E	A	A	A	–	29526940
–	–	–	A	E	A	–	F	–	29526944
G	–	–	D	F	A	B	F	–	29527193
B	B	B	E	E	A	A	A	–	29527220
–	–	–	A	E	A	–	G	–	29527249
–	–	–	C	F	A	A	B	–	29527794
E	D	D	E	F	M	–	L	–	29527800
–	–	–	A	E	M	A	L	–	29527801
–	–	–	A	E	M	A	L	–	29527802
–	–	–	A	E	A	A	B	–	29527803
–	–	–	A	E	M	–	L	–	29527804
B	B	B	E	E	A	A	A	–	29527805
–	–	–	A	E	M	–	L	–	29527806
–	–	–	A	F	M	–	L	–	29527807
–	–	–	A	F	A	A	B	–	29527808
–	–	–	A	F	M	–	L	–	29527809
–	–	–	A	E	M	–	M	–	29527810
–	–	–	B	F	M	–	L	C	29527811
–	–	–	A	E	A	A	B	–	29527812
E	D	D	E	E	M	–	L	–	29527813
–	–	–	A	E	A	A	B	C	29527814
E	D	D	E	E	M	–	L	C	29527815
–	–	–	A	E	A	A	A	–	29527816
–	–	–	A	E	G	A	D	–	29527817
E	D	D	E	E	M	–	L	C	29527818
–	–	–	A	E	A	A	A	–	29527819
–	–	–	A	E	M	–	L	–	29527820
–	–	–	A	F	A	A	A	C	29527821
–	–	–	A	E	A	A	A	–	29527822
–	–	–	A	E	A	A	B	–	29527823
B	A	A	E	E	A	–	A	–	29527824
–	–	–	A	E	A	A	B	–	29527825
–	–	–	A	F	A	A	A	–	29527826
B	A	A	E	F	A	A	A	–	29527827
–	–	–	A	E	M	A	L	–	29527828
H	–	–	E	E	M	A	L	–	29527829
–	–	–	A	F	M	A	L	–	29527830

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29527831	CLBT 6063-6	E	C	–	–	A	–	A	A
29527832	CLT 6063-3	–	A	–	–	–	C	A	A
29527833	CLBT 6063-6	E	B	–	–	A	–	A	A
29527834	CLBT 6063-6	A	H	–	–	A	–	A	A
29527836	CLT 5961-5	–	A	–	A	–	D	A	A
29527837	CLBT 6063-6	B	D	–	–	A	–	A	A
29527838	CLBT 6063-6	E	C	–	–	A	–	A	A
29527839	CLBT 6063-6	B	D	–	–	A	–	A	A
29527840	CLBT 6063-6	B	E	–	–	A	–	A	N
29527841	CLBT 6063-6	E	E	–	–	A	–	D	K
29527842	CLBT 6063-6	A	H	–	–	A	–	D	K
29527843	CLBT 6063-6	B	E	–	–	A	–	A	N
29527844	CLBT 6063-6	A	B	–	–	A	–	D	K
29527845	CLBT 6063-6	B	E	–	–	A	–	D	L
29527846	S 6600MR	E	E	–	–	A	–	A	A
29527847	CLBT 5963-4	–	B	–	–	–	D	A	A
29527848	CLBT 5963-4	A	C	–	–	A	–	A	A
29527849	CLBT 5963-1	B	–	G	–	A	–	A	A
29527850	CLT 6063-4	–	C	–	–	–	B	D	K
29527851	CLBT 5963-4	–	C	–	–	–	C	A	A
29527852	S 6600MR	E	E	–	–	A	–	A	A
29527853	CLT 6063-4	–	D	–	–	–	E	A	N
29527855	CLT 6063-4	–	C	–	–	–	B	A	A
29527856	CLT 5963-6	B	H	–	–	A	–	D	K
29527857	S 6600M	–	C	–	–	–	B	A	A
29527858	CLT 6063-6	B	E	–	–	A	–	A	A
29527859	CLBT 6063-10	E	A	–	–	A	–	A	A
29527860	CLT 5963-6	A	B	–	–	A	–	A	A
29527861	CLT 6063-6	B	D	–	–	A	–	A	A
29527864	CLT 6063-6	B	D	–	–	A	–	D	L
29527865	CLT 5961-1	E	–	A	–	A	–	A	C
29527866	CLT 5961-4	–	C	–	–	–	D	A	C
29527868	CLT 5963-6	A	B	–	–	A	–	A	A
29527869	CLT 6063-6	B	D	–	–	A	–	D	K
29527870	CLT 5961-4	–	C	–	–	–	D	A	A
29527871	CLT 5961-4	–	C	–	–	–	C	A	C
29527872	CLT 6063-6	B	D	–	–	A	–	D	K
29527873	CLT 5961-4	–	C	–	–	–	E	A	A
29527874	CLT 5961-4	–	B	–	–	–	D	A	A
29527875	CLT 6063-6	B	D	–	–	A	–	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	H	A	A	A	A	A	A	A	29527831
A	D	A	–	A	B	A	B	A	29527832
B	H	A	A	A	A	A	A	A	29527833
A	H	A	A	A	A	A	A	A	29527834
A	D	A	–	A	B	A	D	A	29527836
B	H	A	A	A	A	A	A	A	29527837
A	H	A	A	A	A	A	A	A	29527838
A	H	A	A	A	A	A	A	A	29527839
B	H	A	A	A	A	A	A	A	29527840
B	H	A	A	A	A	A	A	A	29527841
A	H	A	A	A	A	A	A	A	29527842
B	H	A	A	A	A	A	A	A	29527843
A	H	A	A	A	A	A	A	A	29527844
B	H	A	A	A	A	A	A	A	29527845
A	A	A	A	C	E	B	A	A	29527846
A	H	A	A	A	A	A	A	A	29527847
A	H	A	A	A	A	A	A	A	29527848
A	A	A	A	A	A	A	C	A	29527849
A	F	A	–	A	B	A	B	A	29527850
A	H	A	A	A	A	A	A	A	29527851
A	A	A	A	C	E	B	A	A	29527852
B	F	A	–	A	B	A	A	A	29527853
A	D	A	–	A	B	A	B	A	29527855
B	F	A	–	A	B	A	B	A	29527856
A	D	A	–	C	F	B	B	A	29527857
B	D	A	–	A	B	A	B	A	29527858
A	H	A	A	A	A	A	A	A	29527859
A	D	A	–	A	B	A	B	A	29527860
B	D	A	–	A	B	A	B	A	29527861
B	F	A	–	A	B	A	B	A	29527864
B	D	A	–	A	B	A	D	A	29527865
A	D	A	–	A	B	A	B	A	29527866
B	D	A	–	A	B	A	B	A	29527868
B	F	A	–	A	B	A	B	A	29527869
A	D	A	–	A	B	A	B	A	29527870
A	F	A	–	A	B	A	B	A	29527871
B	F	A	–	A	B	A	B	A	29527872
A	F	A	–	A	B	A	B	A	29527873
A	D	A	–	A	B	A	B	A	29527874
B	D	A	–	A	B	A	B	A	29527875

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29527831	CLBT 6063-6	B	B	A	A	B	A	E	–
29527832	CLT 6063-3	B	B	C	A	B	A	H	–
29527833	CLBT 6063-6	B	B	A	A	B	A	E	–
29527834	CLBT 6063-6	B	B	A	A	B	A	E	–
29527836	CLT 5961-5	A	A	D	A	A	A	–	D
29527837	CLBT 6063-6	B	B	A	A	B	A	E	–
29527838	CLBT 6063-6	B	B	A	A	B	A	E	–
29527839	CLBT 6063-6	B	B	A	A	B	A	E	–
29527840	CLBT 6063-6	B	B	A	A	B	A	E	–
29527841	CLBT 6063-6	B	B	A	A	B	A	E	–
29527842	CLBT 6063-6	B	B	A	A	B	A	E	–
29527843	CLBT 6063-6	B	B	A	A	B	A	E	–
29527844	CLBT 6063-6	B	B	A	A	B	A	E	–
29527845	CLBT 6063-6	B	B	A	A	B	A	E	–
29527846	S 6600MR	B	B	A	B	B	A	E	–
29527847	CLBT 5963-4	A	A	A	A	A	A	E	–
29527848	CLBT 5963-4	A	A	A	A	A	A	E	–
29527849	CLBT 5963-1	A	A	B	A	A	A	–	A
29527850	CLT 6063-4	B	B	A	A	B	A	E	–
29527851	CLBT 5963-4	A	A	A	A	A	A	E	–
29527852	S 6600MR	B	B	A	B	B	A	E	–
29527853	CLT 6063-4	B	B	A	A	B	A	E	–
29527855	CLT 6063-4	B	B	A	A	B	A	E	–
29527856	CLT 5963-6	A	A	A	A	A	A	E	–
29527857	S 6600M	B	B	A	B	B	A	E	–
29527858	CLT 6063-6	B	B	A	A	B	A	E	–
29527859	CLBT 6063-10	B	B	C	A	B	A	H	–
29527860	CLT 5963-6	A	A	A	A	A	A	E	–
29527861	CLT 6063-6	B	B	A	A	B	A	E	–
29527864	CLT 6063-6	B	B	A	A	B	A	E	–
29527865	CLT 5961-1	A	A	B	A	A	A	–	G
29527866	CLT 5961-4	A	A	A	A	A	A	E	–
29527868	CLT 5963-6	A	A	A	A	A	A	E	–
29527869	CLT 6063-6	B	B	A	A	B	A	E	–
29527870	CLT 5961-4	A	A	A	A	A	A	E	–
29527871	CLT 5961-4	A	A	A	A	A	A	E	–
29527872	CLT 6063-6	B	B	A	A	B	A	E	–
29527873	CLT 5961-4	A	A	A	A	A	A	E	–
29527874	CLT 5961-4	A	A	A	A	A	A	E	–
29527875	CLT 6063-6	B	B	A	A	B	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	M	A	L	C	29527831
–	–	–	A	E	M	–	L	–	29527832
–	–	–	A	F	M	A	L	–	29527833
–	–	–	A	E	M	A	L	–	29527834
B	B	B	E	E	A	–	A	–	29527836
–	–	–	B	F	M	A	L	C	29527837
–	–	–	A	F	M	D	L	–	29527838
–	–	–	A	E	M	A	L	–	29527839
–	–	–	B	F	M	A	L	B	29527840
–	–	–	B	F	M	A	L	B	29527841
–	–	–	A	E	M	A	L	–	29527842
–	–	–	B	F	M	A	L	B	29527843
–	–	–	A	E	M	A	L	–	29527844
–	–	–	B	F	M	A	L	B	29527845
–	–	–	C	E	A	A	C	–	29527846
–	–	–	A	E	M	A	L	–	29527847
–	–	–	A	E	M	A	L	C	29527848
H	–	–	D	E	M	A	L	–	29527849
–	–	–	A	E	M	–	M	–	29527850
–	–	–	A	F	M	D	L	–	29527851
–	–	–	C	F	A	A	B	B	29527852
–	–	–	A	F	M	–	L	–	29527853
–	–	–	A	E	M	–	M	–	29527855
–	–	–	A	F	M	–	L	B	29527856
–	–	–	C	E	A	–	G	–	29527857
–	–	–	B	F	M	–	L	B	29527858
–	–	–	A	E	M	A	L	–	29527859
–	–	–	B	F	M	–	L	–	29527860
–	–	–	A	F	M	–	L	C	29527861
–	–	–	B	F	M	–	L	C	29527864
G	–	–	D	E	G	–	A	–	29527865
–	–	–	A	E	A	–	A	–	29527866
–	–	–	B	F	M	–	L	–	29527868
–	–	–	A	F	M	–	L	C	29527869
–	–	–	A	E	A	–	A	–	29527870
–	–	–	A	F	A	–	A	–	29527871
–	–	–	B	F	M	–	L	C	29527872
–	–	–	A	E	A	–	A	–	29527873
–	–	–	A	E	A	–	A	–	29527874
–	–	–	B	F	M	–	L	C	29527875

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29527876	CLT 5961-4	–	B	–	–	–	E	A	C
29527877	CLBT 6063-6	E	C	–	–	A	–	A	A
29527878	CLBT 6063-6	–	B	–	–	–	E	A	A
29527879	CLT 5961-12	–	K	K	E	–	D	A	C
29527880	CLBT 6063-6	E	E	–	–	A	–	A	A
29527881	CLBT 5961-1	B	–	G	–	A	–	A	A
29527882	CLBT 6063-6	A	B	–	–	A	–	A	A
29527883	CLBT 6063-6	E	E	–	–	A	–	A	A
29527884	CLBT 5963-6	E	C	–	–	A	–	A	A
29527885	CLBT 5963-6	E	C	–	–	A	–	A	A
29527886	CLBT 5963-6	A	C	–	–	A	–	A	A
29527887	CLBT 5963-6	–	D	–	–	–	E	A	A
29527888	CLBT 5963-6	B	D	–	–	A	–	A	A
29527889	S 6600MR	–	E	–	–	–	C	A	A
29527890	S 6600MR	–	D	–	–	–	B	A	A
29527891	S 6600MR	–	D	–	–	–	C	A	A
29527892	CLBT 6063-6	B	D	–	–	A	–	A	N
29527893	S 6600M	–	C	–	–	–	D	A	A
29527895	S 6600M	E	E	–	–	A	–	A	A
29527896	CLT 5963-6	B	E	–	–	A	–	D	K
29527897	CLT 6063-4	–	B	–	–	–	D	D	K
29527899	CLT 5961-11	–	K	–	E	–	B	A	A
29527900	CLT 5961-12	A	K	K	E	A	–	A	A
29527901	CLBT 5963-6	E	C	–	–	A	–	A	A
29527902	CLBT 5963-6	E	C	–	–	A	–	A	A
29527903	CLBT 5963-4	–	D	–	–	–	E	A	A
29527904	CLBT 5963-4	–	C	–	–	–	C	A	A
29527905	CLBT 5963-4	–	C	–	–	–	E	A	C
29527906	CLBT 5963-4	–	B	–	–	–	E	A	A
29527907	CLT 6063-4	–	C	–	–	–	E	A	A
29527908	CLBT 6063-4	–	C	–	–	–	B	A	A
29527909	CLBT 6063-6	E	C	–	–	A	–	A	A
29527910	CLBT 6063-6	E	C	–	–	A	–	D	K
29527911	CLBT 6063-6	E	D	–	–	A	–	A	A
29527912	CLBT 6063-6	E	C	–	–	A	–	A	A
29527913	CLBT 5961-4	–	C	–	–	–	E	A	A
29527914	CLBT 6063-4	–	C	–	–	–	E	A	A
29527915	CLBT 5961-6	A	B	–	–	A	–	A	A
29527917	CLBT 6063-4	–	C	–	–	–	C	A	A
29527918	CLBT 5961-4	–	C	–	–	–	B	A	C

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	29527876
B	H	A	A	A	A	A	A	A	29527877
A	H	A	A	A	A	A	A	A	29527878
A	D	A	–	A	B	A	D	A	29527879
A	H	A	A	A	A	A	A	A	29527880
B	A	A	A	A	A	A	C	A	29527881
A	H	A	A	A	A	A	A	A	29527882
A	H	A	A	A	A	A	A	A	29527883
A	H	A	A	A	A	A	A	A	29527884
A	H	A	A	A	A	A	A	A	29527885
A	H	A	A	A	A	A	A	A	29527886
A	H	A	A	A	A	A	A	A	29527887
B	H	A	A	A	A	A	A	A	29527888
A	A	A	A	C	E	B	A	A	29527889
A	A	A	A	C	E	B	A	A	29527890
A	A	A	A	C	E	B	A	A	29527891
B	H	A	A	A	A	A	A	A	29527892
A	D	A	–	C	F	B	B	A	29527893
B	D	A	–	C	F	B	B	A	29527895
B	F	A	–	A	B	A	B	A	29527896
B	F	A	–	A	B	A	B	A	29527897
A	D	A	–	A	B	A	D	A	29527899
A	D	A	–	A	B	A	D	A	29527900
B	H	A	A	A	A	A	A	A	29527901
A	H	A	A	A	A	A	A	A	29527902
A	H	A	A	A	A	A	A	A	29527903
A	H	A	A	A	A	A	A	A	29527904
B	H	A	A	A	A	A	A	A	29527905
A	H	A	A	A	A	A	A	A	29527906
A	D	A	–	A	B	A	B	A	29527907
A	H	A	A	A	A	A	A	A	29527908
A	H	A	A	A	A	A	A	A	29527909
A	H	A	A	A	A	A	A	A	29527910
A	H	A	A	A	A	A	A	A	29527911
A	H	A	A	A	A	A	A	A	29527912
B	H	A	A	A	A	A	A	A	29527913
A	H	A	A	A	A	A	A	A	29527914
A	H	A	A	A	A	A	A	A	29527915
A	H	A	A	A	A	A	A	A	29527917
A	H	A	A	A	A	A	A	A	29527918

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29527876	CLT 5961-4	A	A	A	A	A	A	E	–
29527877	CLBT 6063-6	B	B	A	A	B	A	E	–
29527878	CLBT 6063-6	B	B	A	A	B	A	E	–
29527879	CLT 5961-12	A	A	D	A	A	A	–	E
29527880	CLBT 6063-6	B	B	A	A	B	A	E	–
29527881	CLBT 5961-1	A	A	B	A	A	A	–	A
29527882	CLBT 6063-6	B	B	A	A	B	A	E	–
29527883	CLBT 6063-6	B	B	A	A	B	A	E	–
29527884	CLBT 5963-6	A	A	A	A	A	A	E	–
29527885	CLBT 5963-6	A	A	A	A	A	A	E	–
29527886	CLBT 5963-6	A	A	A	A	A	A	E	–
29527887	CLBT 5963-6	A	A	A	A	A	A	E	–
29527888	CLBT 5963-6	A	A	A	A	A	A	E	–
29527889	S 6600MR	B	B	A	B	B	A	E	–
29527890	S 6600MR	B	B	A	B	B	A	E	–
29527891	S 6600MR	B	B	A	B	B	A	E	–
29527892	CLBT 6063-6	B	B	A	A	B	A	E	–
29527893	S 6600M	B	B	A	B	B	A	E	–
29527895	S 6600M	B	B	A	B	B	A	E	–
29527896	CLT 5963-6	A	A	A	A	A	A	E	–
29527897	CLT 6063-4	B	B	A	A	B	A	E	–
29527899	CLT 5961-11	A	A	D	A	A	A	–	D
29527900	CLT 5961-12	A	A	D	A	A	A	–	E
29527901	CLBT 5963-6	A	A	A	A	A	A	E	–
29527902	CLBT 5963-6	A	A	A	A	A	A	E	–
29527903	CLBT 5963-4	A	A	A	A	A	A	E	–
29527904	CLBT 5963-4	A	A	A	A	A	A	E	–
29527905	CLBT 5963-4	A	A	A	A	A	A	E	–
29527906	CLBT 5963-4	A	A	A	A	A	A	E	–
29527907	CLT 6063-4	B	B	A	A	B	A	E	–
29527908	CLBT 6063-4	B	B	A	A	B	A	E	–
29527909	CLBT 6063-6	B	B	A	A	B	A	E	–
29527910	CLBT 6063-6	B	B	A	A	B	A	E	–
29527911	CLBT 6063-6	B	B	A	A	B	A	E	–
29527912	CLBT 6063-6	B	B	A	A	B	A	E	–
29527913	CLBT 5961-4	A	A	A	A	A	A	E	–
29527914	CLBT 6063-4	B	B	A	A	B	A	E	–
29527915	CLBT 5961-6	A	A	A	A	A	A	E	–
29527917	CLBT 6063-4	B	B	A	A	B	A	E	–
29527918	CLBT 5961-4	A	A	A	A	A	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	A	–	A	–	29527876
–	–	–	A	F	M	A	L	–	29527877
–	–	–	A	E	M	A	L	–	29527878
B	A	A	E	E	A	–	A	–	29527879
–	–	–	A	E	M	A	L	–	29527880
H	–	–	D	E	G	A	D	–	29527881
–	–	–	A	F	M	A	L	–	29527882
–	–	–	B	F	M	A	L	B	29527883
–	–	–	A	E	M	A	L	C	29527884
–	–	–	A	E	M	A	L	–	29527885
–	–	–	A	E	M	A	L	C	29527886
–	–	–	A	F	M	A	L	–	29527887
–	–	–	B	F	M	A	L	C	29527888
–	–	–	C	E	A	A	B	–	29527889
–	–	–	C	F	A	A	B	–	29527890
–	–	–	C	F	A	A	B	–	29527891
–	–	–	A	F	M	A	L	C	29527892
–	–	–	C	E	A	–	F	–	29527893
–	–	–	C	F	A	–	B	B	29527895
–	–	–	A	F	M	–	L	B	29527896
–	–	–	A	E	M	–	L	–	29527897
B	B	B	E	E	A	–	A	–	29527899
B	A	A	E	E	A	–	A	–	29527900
–	–	–	A	F	M	A	L	–	29527901
–	–	–	B	F	M	A	L	–	29527902
–	–	–	A	E	M	D	L	–	29527903
–	–	–	A	F	M	A	L	C	29527904
–	–	–	A	E	M	A	L	–	29527905
–	–	–	A	E	M	D	L	–	29527906
–	–	–	A	E	M	–	M	–	29527907
–	–	–	A	F	M	D	L	–	29527908
–	–	–	A	F	M	A	L	–	29527909
–	–	–	A	F	M	A	L	–	29527910
–	–	–	A	E	M	A	L	–	29527911
–	–	–	A	E	M	A	L	–	29527912
–	–	–	A	E	A	A	A	–	29527913
–	–	–	A	F	M	A	L	–	29527914
–	–	–	A	F	A	A	A	–	29527915
–	–	–	A	E	M	D	L	–	29527917
–	–	–	A	E	A	A	A	C	29527918

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29527919	CLBT 5961-1	B	–	G	–	A	–	A	A
29527921	CLBT 6063-4	–	C	–	–	–	C	A	A
29527922	CLBT 6063-4	–	E	–	–	–	C	A	A
29527923	CLT 6063-6	B	E	–	–	A	–	D	K
29527924	CLT 5963-6	B	D	–	–	A	–	A	A
29527927	CLT 5961-6	E	C	–	–	A	–	A	A
29527928	CLBT 6063-6	–	B	–	–	–	E	A	A
29527940	S 6600MR	A	B	–	–	A	–	A	A
29527942	S 6600MR	A	B	–	–	A	–	A	A
29527943	S 6600MR	E	C	–	–	A	–	A	A
29527946	S 6600HR	E	E	–	–	A	–	A	A
29527948	CLBT 5963-6	A	B	–	–	A	–	A	A
29527950	CLBT 5963-6	A	D	–	–	A	–	A	A
29527951	CLBT 5963-6	E	C	–	–	A	–	A	A
29527953	CLBT 5961-12	–	K	K	E	–	C	A	C
29527958	CLBT 6063-4	–	C	–	–	–	E	A	A
29527961	CLBT 5961-4	–	C	–	–	–	E	A	A
29527962	CLBT 6063-4	A	C	–	–	A	–	A	A
29527963	CLBT 5961-4	–	D	–	–	–	C	A	A
29527971	CLBT 6063-6	B	E	–	–	A	–	D	K
29527974	CLBT 6063-6	A	D	–	–	A	–	A	A
29527983	CLBT 6063-1	A	–	G	–	A	–	A	A
29527985	CLBT 6063-6	A	B	–	–	A	–	A	A
29527986	S 6600MR	E	C	–	–	A	–	A	A
29527987	CLBT 6063	–	C	–	–	–	E	D	K
29527988	CLBT 5961-1	B	–	G	–	A	–	A	A
29527990	CLBT 5963-6	A	C	–	–	A	–	A	A
29527992	CLBT 5961-6	A	C	–	–	A	–	A	C
29527993	CLT 5963-6	A	C	–	–	A	–	A	A
29527994	CLBT 5961-6	A	C	–	–	A	–	A	A
29527995	CLBT 5963-9	–	–	A	–	–	C	A	A
29527996	S 6600M	–	C	–	–	–	B	A	A
29527997	CLT 5961-4	–	C	–	–	–	B	A	C
29527998	CLT 5963-6	A	B	–	–	A	–	D	K
29527999	CLT 6063-3	–	A	–	–	–	C	A	A
29528001	S 6600H	–	C	–	–	–	E	A	A
29528002	CLBT 5963-6	A	B	–	–	A	–	A	A
29528003	CLBT 5963-6	A	B	–	–	A	–	A	A
29528005	CLBT 5963-6	A	B	–	–	A	–	A	A
29528006	CLBT 5961-6	A	C	–	–	A	–	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	C	A	29527919
A	H	A	A	A	A	A	A	A	29527921
A	H	A	A	A	A	A	A	A	29527922
B	F	A	–	A	B	A	B	A	29527923
B	D	A	–	A	B	A	B	A	29527924
A	F	A	–	A	B	A	B	A	29527927
A	H	A	A	A	A	A	A	A	29527928
A	A	A	A	C	E	B	A	A	29527940
B	A	A	A	C	E	B	A	A	29527942
B	A	A	A	C	E	B	A	A	29527943
B	A	A	A	C	E	B	A	A	29527946
A	H	A	A	A	A	A	A	A	29527948
A	H	A	A	A	A	A	A	A	29527950
A	H	A	A	A	A	A	A	A	29527951
A	A	A	A	A	A	A	C	A	29527953
A	H	A	A	A	A	A	A	A	29527958
A	H	A	A	A	A	A	A	A	29527961
A	H	A	A	A	A	A	A	A	29527962
A	H	A	A	A	A	A	A	A	29527963
B	H	A	A	A	A	A	A	A	29527971
B	H	A	A	A	A	A	A	A	29527974
B	A	A	A	A	A	A	C	A	29527983
B	H	A	A	A	A	A	A	A	29527985
A	A	A	A	C	E	B	A	A	29527986
A	H	A	A	A	A	A	A	A	29527987
A	A	A	A	A	A	A	C	A	29527988
B	H	A	A	A	A	A	A	A	29527990
B	H	A	A	A	A	A	A	A	29527992
B	D	A	–	A	B	A	B	A	29527993
A	H	A	A	A	A	A	A	A	29527994
A	A	A	A	A	A	A	C	A	29527995
A	D	A	–	C	F	B	B	A	29527996
A	D	A	–	A	B	A	B	A	29527997
B	F	A	–	A	B	A	B	A	29527998
A	D	A	–	A	B	A	B	A	29527999
A	D	A	–	C	F	B	B	A	29528001
A	H	A	A	A	A	A	A	A	29528002
A	H	A	A	A	A	A	A	A	29528003
A	H	A	A	A	A	A	A	A	29528005
B	H	A	A	A	A	A	A	A	29528006

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29527919	CLBT 5961-1	A	A	B	A	A	A	–	A
29527921	CLBT 6063-4	B	B	A	A	B	A	E	–
29527922	CLBT 6063-4	B	B	A	A	B	A	E	–
29527923	CLT 6063-6	B	B	A	A	B	A	E	–
29527924	CLT 5963-6	A	A	A	A	A	A	E	–
29527927	CLT 5961-6	A	A	A	A	A	A	E	–
29527928	CLBT 6063-6	B	B	A	A	B	A	E	–
29527940	S 6600MR	B	B	A	B	B	A	E	–
29527942	S 6600MR	B	B	A	B	B	A	E	–
29527943	S 6600MR	B	B	A	B	B	A	E	–
29527946	S 6600HR	B	B	A	B	B	A	E	–
29527948	CLBT 5963-6	A	A	A	A	A	A	E	–
29527950	CLBT 5963-6	A	A	A	A	A	A	E	–
29527951	CLBT 5963-6	A	A	A	A	A	A	E	–
29527953	CLBT 5961-12	A	A	D	A	A	A	–	E
29527958	CLBT 6063-4	B	B	A	A	B	A	E	–
29527961	CLBT 5961-4	A	A	A	A	A	A	E	–
29527962	CLBT 6063-4	B	B	A	A	B	A	E	–
29527963	CLBT 5961-4	A	A	A	A	A	A	E	–
29527971	CLBT 6063-6	B	B	A	A	B	A	E	–
29527974	CLBT 6063-6	B	B	A	A	B	A	E	–
29527983	CLBT 6063-1	B	B	B	A	B	A	–	B
29527985	CLBT 6063-6	B	B	A	A	B	A	E	–
29527986	S 6600MR	B	B	A	B	B	A	E	–
29527987	CLBT 6063	B	B	A	A	B	A	E	–
29527988	CLBT 5961-1	A	A	B	A	A	A	–	B
29527990	CLBT 5963-6	A	A	A	A	A	A	E	–
29527992	CLBT 5961-6	A	A	A	A	A	A	E	–
29527993	CLT 5963-6	A	A	A	A	A	A	E	–
29527994	CLBT 5961-6	A	A	A	A	A	A	E	–
29527995	CLBT 5963-9	A	A	D	A	A	A	–	J
29527996	S 6600M	B	B	A	B	B	A	E	–
29527997	CLT 5961-4	A	A	A	A	A	A	E	–
29527998	CLT 5963-6	A	A	A	A	A	A	E	–
29527999	CLT 6063-3	B	B	C	A	B	A	H	–
29528001	S 6600H	B	B	A	B	B	A	E	–
29528002	CLBT 5963-6	A	A	A	A	A	A	E	–
29528003	CLBT 5963-6	A	A	A	A	A	A	E	–
29528005	CLBT 5963-6	A	A	A	A	A	A	E	–
29528006	CLBT 5961-6	A	A	A	A	A	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
H	–	–	D	E	G	A	B	–	29527919
–	–	–	A	E	M	A	L	C	29527921
–	–	–	A	E	M	A	L	–	29527922
–	–	–	B	F	M	–	L	B	29527923
–	–	–	A	F	M	–	L	C	29527924
–	–	–	A	E	A	–	A	–	29527927
–	–	–	A	E	M	D	L	–	29527928
–	–	–	C	F	A	A	B	–	29527940
–	–	–	C	F	A	A	B	–	29527942
–	–	–	C	F	A	A	B	–	29527943
–	–	–	C	E	A	A	A	B	29527946
–	–	–	A	E	M	A	L	–	29527948
–	–	–	A	F	M	A	L	–	29527950
–	–	–	A	E	M	A	L	C	29527951
B	A	A	E	E	A	A	A	–	29527953
–	–	–	A	E	M	A	L	–	29527958
–	–	–	A	F	A	A	A	–	29527961
–	–	–	A	E	M	A	L	–	29527962
–	–	–	A	E	A	A	B	–	29527963
–	–	–	B	F	M	A	L	B	29527971
–	–	–	A	F	M	A	L	C	29527974
H	–	–	E	F	M	D	L	–	29527983
–	–	–	A	F	M	A	L	–	29527985
–	–	–	C	E	A	A	D	–	29527986
–	–	–	A	F	M	A	L	–	29527987
H	–	–	E	E	G	A	D	–	29527988
–	–	–	B	F	M	A	L	C	29527990
–	–	–	A	E	A	A	C	–	29527992
–	–	–	B	F	M	–	L	C	29527993
–	–	–	A	E	A	A	C	C	29527994
G	–	–	E	E	M	A	L	–	29527995
–	–	–	C	F	G	–	D	C	29527996
–	–	–	A	F	A	–	A	–	29527997
–	–	–	B	F	M	–	L	–	29527998
–	–	–	A	E	M	–	L	–	29527999
–	–	–	C	E	A	–	A	–	29528001
–	–	–	A	F	M	A	L	–	29528002
–	–	–	B	F	M	A	L	–	29528003
–	–	–	A	F	M	A	L	–	29528005
–	–	–	B	F	A	A	B	C	29528006

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29528007	CLT 5961-5	–	A	–	E	–	C	A	C
29528008	CLT 5961-4	–	C	–	–	–	C	A	C
29528011	CLBT 5961-6	A	C	–	–	A	–	A	C
29528013	CLBT 5963-6	A	C	–	–	A	–	A	A
29528014	CLBT 5961-6	A	C	–	–	A	–	A	C
29528015	CLT 6063-6	B	E	–	–	A	–	D	K
29528017	CLBT 5963-6	A	C	–	–	A	–	A	A
29528019	CLBT 5961-6	A	C	–	–	A	–	A	A
29528020	CLBT 5961-6	A	C	–	–	A	–	A	C
29528021	CLBT 5961-4	–	E	–	–	–	E	A	A
29528022	CLBT 6063-10	A	A	–	–	A	–	D	K
29528023	CLBT 5963-4	–	D	–	–	–	M	A	A
29528024	CLT 5961-5	–	–	L	A	–	E	A	A
29528026	CLBT 5961	–	D	–	–	–	E	A	A
29528028	CLT 5961-4	–	C	–	–	–	C	A	C
29528029	CLBT 6063-4	–	D	–	–	–	B	A	A
29528034	CLBT 5963-6	A	B	–	–	A	–	A	A
29528035	CLBT 5963-6	B	D	–	–	A	–	A	A
29528037	S 6600MR	E	E	–	–	A	–	A	A
29528038	CLBT 6063-4	–	D	–	–	–	E	A	A
29528039	CLBT 5961-4	–	C	–	–	–	E	A	A
29528040	CLT 5961-4	–	C	–	–	–	B	A	C
29528042	CLT 5963-10	A	–	A	A	A	–	A	A
29528044	CLBT 5961-2	–	A	–	A	–	B	A	C
29528046	CLT 6063-6	B	E	–	–	A	–	D	L
29528081	M 6600A	B	E	–	–	A	–	A	N
29528087	S 6600H	–	E	–	–	–	D	A	N
29528089	S 6600HR	–	B	–	–	–	D	A	N
29528090	CLT 6063-6	B	E	–	–	A	–	A	N
29528092	S 6600H	–	A	–	–	–	D	A	A
29528093	CLT 5963-6	B	E	–	–	A	–	D	K
29528106	CLBT 6063-6	A	E	–	–	A	–	A	A
29528107	CLT 6063-3	B	A	–	–	A	–	D	L
29528108	CLBT 6063-6	A	E	–	–	A	–	A	N
29528119	CLBT 6063-6	B	D	–	–	A	–	A	A
29528168	CLBT 6063-4	–	E	–	–	–	B	A	N
29528169	CLBT 6063-4	–	E	–	–	–	B	A	B
29528173	CLT 6063-3	B	A	–	–	A	–	D	L
29528370	CLT 5961-12	E	K	K	E	A	–	A	A
29528371	CLT 6061-6	E	G	–	–	A	–	A	A

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	D	A	29528007
A	F	A	–	A	B	A	B	A	29528008
A	H	A	A	A	A	A	A	A	29528011
A	H	A	A	A	A	A	A	A	29528013
B	H	A	A	A	A	A	A	A	29528014
B	F	A	–	A	B	A	B	A	29528015
A	H	A	A	A	A	A	A	A	29528017
A	H	A	A	A	A	A	A	A	29528019
A	H	A	A	A	A	A	A	A	29528020
B	H	A	A	A	A	A	A	A	29528021
B	H	A	A	A	A	A	A	A	29528022
A	H	A	A	A	A	A	A	A	29528023
A	D	A	–	A	B	A	D	A	29528024
A	H	A	A	A	A	A	A	A	29528026
A	F	A	–	A	B	A	B	A	29528028
A	H	A	A	A	A	A	A	A	29528029
A	H	A	A	A	A	A	A	A	29528034
B	H	A	A	A	A	A	A	A	29528035
A	A	A	A	C	E	B	A	A	29528037
A	H	A	A	A	A	A	A	A	29528038
B	H	A	A	A	A	A	A	A	29528039
A	D	A	–	A	B	A	B	A	29528040
A	D	A	–	A	B	A	D	A	29528042
A	A	A	A	A	A	A	C	A	29528044
B	F	A	–	A	B	A	B	A	29528046
B	G	A	–	D	F	B	B	A	29528081
A	F	A	–	C	F	B	B	A	29528087
A	H	A	A	C	E	B	A	A	29528089
B	F	A	–	A	B	A	B	A	29528090
A	D	A	–	C	F	B	B	A	29528092
B	F	A	–	A	B	A	B	A	29528093
A	H	A	A	A	A	A	A	A	29528106
A	F	A	–	A	B	A	B	A	29528107
A	H	A	A	A	A	A	A	A	29528108
B	A	A	A	A	A	A	A	A	29528119
A	H	A	A	A	A	A	A	A	29528168
A	A	A	A	A	A	A	A	A	29528169
A	F	A	–	A	B	A	B	A	29528173
A	D	A	–	A	B	A	D	A	29528370
A	D	A	–	A	B	A	B	A	29528371

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29528007	CLT 5961-5	A	A	D	A	A	A	–	D
29528008	CLT 5961-4	A	A	A	A	A	A	E	–
29528011	CLBT 5961-6	A	A	A	A	A	A	E	–
29528013	CLBT 5963-6	A	A	A	A	A	A	E	–
29528014	CLBT 5961-6	A	A	A	A	A	A	E	–
29528015	CLT 6063-6	B	B	A	A	B	A	E	–
29528017	CLBT 5963-6	A	A	A	A	A	A	E	–
29528019	CLBT 5961-6	A	A	A	A	A	A	E	–
29528020	CLBT 5961-6	A	A	A	A	A	A	E	–
29528021	CLBT 5961-4	A	A	A	A	A	A	E	–
29528022	CLBT 6063-10	B	B	C	A	B	A	H	–
29528023	CLBT 5963-4	A	A	A	A	A	A	E	–
29528024	CLT 5961-5	A	A	B	A	A	A	–	J
29528026	CLBT 5961	A	A	A	A	A	A	E	–
29528028	CLT 5961-4	A	A	A	A	A	A	E	–
29528029	CLBT 6063-4	B	B	A	A	B	A	E	–
29528034	CLBT 5963-6	A	A	A	A	A	A	E	–
29528035	CLBT 5963-6	A	A	A	A	A	A	E	–
29528037	S 6600MR	B	B	A	B	B	A	E	–
29528038	CLBT 6063-4	B	B	A	A	B	A	E	–
29528039	CLBT 5961-4	A	A	A	A	A	A	E	–
29528040	CLT 5961-4	A	A	A	A	A	A	E	–
29528042	CLT 5963-10	A	A	B	A	A	A	–	J
29528044	CLBT 5961-2	A	A	D	A	A	A	–	D
29528046	CLT 6063-6	B	B	A	A	B	A	E	–
29528081	M 6600A	B	B	A	B	B	A	E	–
29528087	S 6600H	B	B	A	B	B	A	E	–
29528089	S 6600HR	B	B	A	B	B	A	E	–
29528090	CLT 6063-6	B	B	A	A	B	A	E	–
29528092	S 6600H	B	B	C	B	B	A	H	–
29528093	CLT 5963-6	A	A	A	A	A	A	E	–
29528106	CLBT 6063-6	B	B	A	A	B	A	E	–
29528107	CLT 6063-3	B	B	C	A	B	A	H	–
29528108	CLBT 6063-6	B	B	A	A	B	A	E	–
29528119	CLBT 6063-6	B	B	A	A	B	A	C	–
29528168	CLBT 6063-4	B	B	A	A	B	A	C	–
29528169	CLBT 6063-4	B	B	A	A	B	A	C	–
29528173	CLT 6063-3	B	B	C	A	B	A	H	–
29528370	CLT 5961-12	A	A	D	A	A	A	–	F
29528371	CLT 6061-6	B	B	A	A	B	A	A	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	B	B	E	E	A	–	A	–	29528007
–	–	–	A	E	A	–	A	–	29528008
–	–	–	A	E	A	A	B	C	29528011
–	–	–	B	F	M	A	L	C	29528013
–	–	–	A	E	A	A	B	C	29528014
–	–	–	B	F	M	–	L	B	29528015
–	–	–	B	F	M	A	L	–	29528017
–	–	–	B	F	A	A	B	C	29528019
–	–	–	A	E	A	A	B	C	29528020
–	–	–	A	E	A	A	C	–	29528021
–	–	–	A	E	M	D	L	–	29528022
–	–	–	A	E	M	A	L	–	29528023
A	–	–	E	E	A	–	B	–	29528024
–	–	–	A	F	A	A	B	–	29528026
–	–	–	A	E	A	–	A	–	29528028
–	–	–	A	F	M	A	L	–	29528029
–	–	–	B	F	M	A	L	–	29528034
–	–	–	A	F	M	A	L	C	29528035
–	–	–	C	E	A	A	B	B	29528037
–	–	–	A	F	M	A	L	–	29528038
–	–	–	A	E	A	A	A	–	29528039
–	–	–	A	E	A	–	A	–	29528040
A	–	–	E	E	M	–	L	–	29528042
B	B	B	E	E	A	A	A	–	29528044
–	–	–	B	F	M	–	L	B	29528046
–	–	–	C	F	M	–	L	B	29528081
–	–	–	C	F	A	–	A	–	29528087
–	–	–	C	F	A	A	A	–	29528089
–	–	–	B	F	M	–	L	B	29528090
–	–	–	A	F	A	–	A	–	29528092
–	–	–	B	F	M	–	L	B	29528093
–	–	–	A	E	M	A	L	B	29528106
–	–	–	A	F	M	–	L	–	29528107
–	–	–	A	E	M	A	L	B	29528108
–	–	–	A	F	M	A	L	C	29528119
–	–	–	A	F	M	A	L	B	29528168
–	–	–	A	F	M	A	L	B	29528169
–	–	–	A	F	M	–	L	–	29528173
B	A	A	E	E	A	–	A	–	29528370
–	–	–	A	E	A	–	A	–	29528371

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29528386	CLT 5961-4	–	D	–	–	–	C	A	E
29528425	M 6600AR	B	E	–	–	A	–	A	N
29528473	S 6600HR	–	A	A	A	–	D	A	A
29528474	CLT 5961-12	–	K	K	E	–	C	A	C
29528475	CLT 5961-12	–	K	K	E	–	D	A	A
29528476	S 6600M	–	B	–	–	–	E	A	P
29528477	S 6600MR	E	D	–	–	A	–	A	P
29528478	CLBT 5961-11	–	K	–	E	–	D	A	A
29528479	CLBT 5961-4	–	D	–	–	–	C	A	A
29528482	CLT 6063-6	A	B	–	–	A	–	D	K
29528483	CLT 6063-6	A	B	–	–	A	–	D	L
29528484	CLBT 6063-6	A	B	–	–	A	–	D	L
29528530	CLBT 6063-9	–	–	G	–	–	C	A	P
29529095	S 6600H	–	C	–	–	–	B	A	A
29529097	CLT 6063-6	B	E	–	–	A	–	A	N
29529098	CLT 5961-4	–	C	–	–	–	B	A	A
29529099	CLT 5963-6	B	E	–	–	A	–	D	K
29529100	S 6600HR	–	C	–	–	–	D	A	N
29529169	CLT 5961-4	–	B	–	–	–	C	A	N
29529170	S 6600M	–	B	–	–	–	E	A	A
29529181	CLT 6063-6	B	E	–	–	A	–	D	L
29529203	S 6600M	–	C	–	–	–	D	A	P
29529209	S 6600HR	–	C	–	–	–	D	A	A
29529229	CLT 5963-4	–	B	–	–	–	D	A	A
29529230	CLT 5961-4	–	C	–	–	–	C	A	A
29529236	CLBT 5963-2	–	–	A	E	–	E	A	A
29529252	S 6600H	–	B	–	–	–	D	A	P
29529264	S 6600HR	–	B	–	–	–	D	A	N
29529661	M 6600AR	B	E	–	–	A	–	A	N
29529662	M 6600A	B	E	–	–	A	–	A	N
29529719	CLBT 5963-4	–	D	–	–	–	M	A	N
29530106	S 5600MR	–	D	–	–	–	E	A	A
29530107	S 5600MR	B	–	G	–	A	–	A	A
29530108	S 5600MR	B	–	G	–	A	–	A	A
29530109	S 5600MR	B	–	G	–	A	–	A	A
29530110	S 5600HR	–	A	–	E	–	C	A	C
29530111	S 5600HR	–	A	–	A	–	B	A	C
29530112	S 5600MR	–	D	–	–	–	E	A	A
29530113	S 5600MR	–	D	–	–	–	E	A	A
29530114	S 5600HR	–	C	–	–	–	D	A	C

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	29528386
B	H	A	A	D	E	B	A	A	29528425
A	A	A	A	C	E	B	C	A	29528473
A	D	A	–	A	B	A	D	A	29528474
A	D	A	–	A	B	A	D	A	29528475
A	F	A	–	C	F	B	B	A	29528476
A	H	A	A	C	E	B	A	A	29528477
A	A	A	A	A	A	A	C	A	29528478
A	H	A	A	A	A	A	A	A	29528479
A	F	A	–	A	B	A	B	A	29528482
A	F	A	–	A	B	A	B	A	29528483
A	H	A	A	A	A	A	A	A	29528484
A	H	A	A	A	A	A	C	A	29528530
A	D	A	–	C	F	B	B	A	29529095
B	F	A	–	A	B	A	B	A	29529097
A	D	A	–	A	B	A	B	A	29529098
B	F	A	–	A	B	A	B	A	29529099
A	H	A	A	C	E	B	A	A	29529100
A	F	A	–	A	B	A	B	A	29529169
A	D	A	–	C	F	B	B	A	29529170
B	F	A	–	A	B	A	B	A	29529181
A	F	A	–	C	F	B	B	A	29529203
A	H	A	A	C	E	B	A	A	29529209
B	D	A	–	A	B	A	B	A	29529229
A	D	A	–	A	B	A	B	A	29529230
B	A	A	A	A	A	A	C	A	29529236
A	F	A	–	C	F	B	B	A	29529252
A	H	A	A	C	E	B	A	A	29529264
B	H	A	B	D	E	B	A	A	29529661
B	G	A	–	D	F	B	B	A	29529662
A	H	A	A	A	A	A	A	A	29529719
A	A	A	A	A	A	A	A	A	29530106
B	A	A	A	A	A	A	C	A	29530107
A	A	A	A	A	A	A	C	A	29530108
A	A	A	A	A	A	A	C	A	29530109
A	A	A	A	A	A	A	C	A	29530110
A	A	A	A	A	A	A	C	A	29530111
A	A	A	A	A	A	A	A	A	29530112
A	A	A	A	A	A	A	A	A	29530113
A	A	A	A	A	A	A	A	A	29530114

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29528386	CLT 5961-4	A	A	A	A	A	A	A	–
29528425	M 6600AR	B	B	A	B	B	A	E	–
29528473	S 6600HR	B	B	D	B	B	A	–	E
29528474	CLT 5961-12	A	A	D	A	A	A	–	E
29528475	CLT 5961-12	A	A	D	A	A	A	–	E
29528476	S 6600M	B	B	A	B	B	A	E	–
29528477	S 6600MR	B	B	A	B	B	A	E	–
29528478	CLBT 5961-11	A	A	D	A	A	A	–	D
29528479	CLBT 5961-4	A	A	A	A	A	A	E	–
29528482	CLT 6063-6	B	B	A	A	B	A	E	–
29528483	CLT 6063-6	B	B	A	A	B	A	E	–
29528484	CLBT 6063-6	B	B	A	A	B	A	E	–
29528530	CLBT 6063-9	B	B	B	A	B	A	–	A
29529095	S 6600H	B	B	A	B	B	A	E	–
29529097	CLT 6063-6	B	B	A	A	B	A	E	–
29529098	CLT 5961-4	A	A	A	A	A	A	E	–
29529099	CLT 5963-6	A	A	A	A	A	A	E	–
29529100	S 6600HR	B	B	A	B	B	A	E	–
29529169	CLT 5961-4	A	A	A	A	A	A	E	–
29529170	S 6600M	B	B	A	B	B	A	E	–
29529181	CLT 6063-6	B	B	A	A	B	A	E	–
29529203	S 6600M	B	B	A	B	B	A	E	–
29529209	S 6600HR	B	B	A	B	B	A	E	–
29529229	CLT 5963-4	A	A	A	A	A	A	E	–
29529230	CLT 5961-4	A	A	A	A	A	A	E	–
29529236	CLBT 5963-2	A	A	B	A	A	A	–	E
29529252	S 6600H	B	B	A	B	B	A	E	–
29529264	S 6600HR	B	B	A	B	B	A	E	–
29529661	M 6600AR	B	B	A	B	B	A	E	–
29529662	M 6600A	B	B	A	B	B	A	E	–
29529719	CLBT 5963-4	A	A	A	A	A	A	E	–
29530106	S 5600MR	B	B	A	A	B	A	E	–
29530107	S 5600MR	B	B	B	A	B	A	–	A
29530108	S 5600MR	B	B	B	A	B	A	–	A
29530109	S 5600MR	B	B	B	A	B	A	–	B
29530110	S 5600HR	B	B	D	A	B	A	–	D
29530111	S 5600HR	B	B	D	A	B	A	–	D
29530112	S 5600MR	B	B	A	A	B	A	E	–
29530113	S 5600MR	B	B	A	A	B	A	E	–
29530114	S 5600HR	B	B	A	A	B	A	E	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	A	–	A	–	29528386
–	–	–	C	F	M	A	L	B	29528425
B	A	A	E	E	A	A	A	–	29528473
B	A	A	E	E	A	–	A	–	29528474
B	A	A	E	E	A	–	A	–	29528475
–	–	–	C	E	A	–	F	–	29528476
–	–	–	C	E	A	A	B	–	29528477
B	B	B	E	E	A	A	A	–	29528478
–	–	–	A	F	A	A	B	–	29528479
–	–	–	B	F	M	–	L	–	29528482
–	–	–	B	F	M	–	L	–	29528483
–	–	–	B	F	M	A	L	–	29528484
H	–	–	D	E	M	A	L	–	29528530
–	–	–	C	E	A	–	A	–	29529095
–	–	–	B	F	M	–	L	B	29529097
–	–	–	B	F	A	–	B	C	29529098
–	–	–	B	F	M	–	L	B	29529099
–	–	–	C	E	A	A	A	–	29529100
–	–	–	A	E	A	–	A	–	29529169
–	–	–	C	E	A	–	F	–	29529170
–	–	–	B	F	M	–	L	B	29529181
–	–	–	C	E	A	–	F	–	29529203
–	–	–	C	E	A	A	A	–	29529209
–	–	–	A	F	M	–	L	–	29529229
–	–	–	A	E	A	–	A	–	29529230
E	D	D	E	E	M	D	L	–	29529236
–	–	–	C	E	A	–	A	–	29529252
–	–	–	C	E	A	A	A	–	29529264
–	–	–	C	F	M	A	L	B	29529661
–	–	–	C	F	M	–	L	B	29529662
–	–	–	A	E	M	A	L	–	29529719
–	–	–	A	F	A	A	B	–	29530106
H	–	–	D	E	G	A	D	–	29530107
H	–	–	D	E	A	A	B	–	29530108
H	–	–	E	E	G	A	D	–	29530109
B	B	B	E	E	A	A	A	–	29530110
B	B	B	E	E	A	A	A	–	29530111
–	–	–	A	E	A	A	B	–	29530112
–	–	–	A	E	G	A	D	–	29530113
–	–	–	A	E	A	A	A	–	29530114

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29530115	S 5600HR	–	C	–	–	–	C	A	C
29530116	S 5600MR	–	D	–	–	–	E	A	C
29530117	S 5600HR	–	C	–	–	–	D	A	A
29530118	S 5600HR	–	C	–	–	–	E	A	A
29530119	S 5600HR	–	C	–	–	–	B	A	C
29530120	S 5600HR	–	C	–	–	–	E	A	A
29530121	S 5600MR	–	D	–	–	–	C	A	A
29530123	S 5600MR	–	E	–	–	–	E	A	A
29530125	S 5600MR	A	B	–	–	A	–	A	A
29530126	S 5600MR	E	C	–	–	A	–	A	A
29530127	S 5600MR	A	C	–	–	A	–	A	C
29530128	S 5600HR	E	B	–	–	A	–	A	C
29530129	S 5600HR	E	C	–	–	A	–	A	C
29530130	S 5600MR	A	D	–	–	A	–	A	A
29530131	S 5600HR	A	B	–	–	A	–	A	A
29530132	S 5600MR	A	C	–	–	A	–	A	C
29530133	S 5600MR	A	C	–	–	A	–	A	A
29530134	S 5600MR	A	C	–	–	A	–	A	A
29530135	S 5600MR	A	C	–	–	A	–	A	C
29530136	S 5600MR	A	C	–	–	A	–	A	A
29530137	S 5600MR	–	–	A	–	–	E	A	C
29530138	S 5600HR	–	K	–	E	–	D	A	A
29530139	S 5600H	E	K	K	E	A	–	A	A
29530140	S 5600HR	–	K	K	E	–	D	A	A
29530141	S 5600HR	–	K	K	E	–	C	A	C
29530142	M 5600AR	B	–	G	–	A	–	A	A
29530143	M 5600AR	B	–	G	–	A	–	A	A
29530144	M 5600AR	–	–	A	A	–	E	A	A
29530145	M 5600AR	–	D	–	–	–	E	A	C
29530146	M 5600AR	–	D	–	–	–	C	A	A
29530147	M 5600AR	–	B	–	–	–	E	A	A
29530148	M 5600AR	–	B	–	–	–	D	A	A
29530149	M 5600AR	A	C	–	–	A	–	A	A
29530150	M 5600AR	–	C	–	–	–	C	A	A
29530151	M 5600AR	–	D	–	–	–	E	A	A
29530152	M 5600AR	–	C	–	–	–	C	A	A
29530153	M 5600AR	–	C	–	–	–	E	A	C
29530154	M 5600AR	–	B	–	–	–	E	A	A
29530155	M 5600AR	–	D	–	–	–	M	A	A
29530156	M 5600AR	–	D	–	–	–	M	A	N

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	A	A	A	A	A	A	29530115
A	A	A	A	A	A	A	A	A	29530116
A	A	A	A	A	A	A	A	A	29530117
B	A	A	A	A	A	A	A	A	29530118
A	A	A	A	A	A	A	A	A	29530119
A	A	A	A	A	A	A	A	A	29530120
A	A	A	A	A	A	A	A	A	29530121
B	A	A	A	A	A	A	A	A	29530123
B	A	A	A	A	A	A	A	A	29530125
B	A	A	A	A	A	A	A	A	29530126
A	A	A	A	A	A	A	A	A	29530127
A	A	A	A	A	A	A	A	A	29530128
B	A	A	A	A	A	A	A	A	29530129
A	A	A	A	A	A	A	A	A	29530130
A	A	A	A	A	A	A	A	A	29530131
B	A	A	A	A	A	A	A	A	29530132
A	A	A	A	A	A	A	A	A	29530133
B	A	A	A	A	A	A	A	A	29530134
B	A	A	A	A	A	A	A	A	29530135
A	A	A	A	A	A	A	A	A	29530136
B	A	A	A	A	A	A	C	A	29530137
A	A	A	A	A	A	A	C	A	29530138
A	D	A	–	A	B	A	D	A	29530139
A	A	A	A	A	A	A	C	A	29530140
A	A	A	A	A	A	A	C	A	29530141
A	A	A	B	A	A	A	C	A	29530142
A	A	A	B	A	A	A	C	A	29530143
B	A	A	B	A	A	A	C	A	29530144
A	A	A	B	A	A	A	A	A	29530145
A	A	A	B	A	A	A	A	A	29530146
A	A	A	B	A	A	A	A	A	29530147
A	A	A	B	A	A	A	A	A	29530148
A	A	A	B	A	A	A	A	A	29530149
A	A	A	B	A	A	A	A	A	29530150
A	A	A	B	A	A	A	A	A	29530151
A	A	A	B	A	A	A	A	A	29530152
B	A	A	B	A	A	A	A	A	29530153
A	A	A	B	A	A	A	A	A	29530154
A	A	A	B	A	A	A	A	A	29530155
A	H	A	B	A	A	A	A	A	29530156

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29530115	S 5600HR	B	B	A	A	B	A	E	–
29530116	S 5600MR	B	B	A	A	B	A	E	–
29530117	S 5600HR	B	B	A	A	B	A	E	–
29530118	S 5600HR	B	B	A	A	B	A	E	–
29530119	S 5600HR	B	B	A	A	B	A	E	–
29530120	S 5600HR	B	B	A	A	B	A	E	–
29530121	S 5600MR	B	B	A	A	B	A	E	–
29530123	S 5600MR	B	B	A	A	B	A	E	–
29530125	S 5600MR	B	B	A	A	B	A	E	–
29530126	S 5600MR	B	B	A	A	B	A	E	–
29530127	S 5600MR	B	B	A	A	B	A	E	–
29530128	S 5600HR	B	B	A	A	B	A	E	–
29530129	S 5600HR	B	B	A	A	B	A	E	–
29530130	S 5600MR	B	B	A	A	B	A	E	–
29530131	S 5600HR	B	B	A	A	B	A	E	–
29530132	S 5600MR	B	B	A	A	B	A	E	–
29530133	S 5600MR	B	B	A	A	B	A	E	–
29530134	S 5600MR	B	B	A	A	B	A	E	–
29530135	S 5600MR	B	B	A	A	B	A	E	–
29530136	S 5600MR	B	B	A	A	B	A	E	–
29530137	S 5600MR	B	B	B	A	B	A	–	G
29530138	S 5600HR	B	B	D	A	B	A	–	D
29530139	S 5600H	B	B	D	A	B	A	–	E
29530140	S 5600HR	B	B	D	A	B	A	–	E
29530141	S 5600HR	B	B	D	A	B	A	–	E
29530142	M 5600AR	B	B	B	A	B	A	–	B
29530143	M 5600AR	B	B	B	A	B	A	–	A
29530144	M 5600AR	B	B	B	A	B	A	–	E
29530145	M 5600AR	B	B	A	A	B	A	E	–
29530146	M 5600AR	B	B	A	A	B	A	E	–
29530147	M 5600AR	B	B	A	A	B	A	E	–
29530148	M 5600AR	B	B	A	A	B	A	E	–
29530149	M 5600AR	B	B	A	A	B	A	E	–
29530150	M 5600AR	B	B	A	A	B	A	E	–
29530151	M 5600AR	B	B	A	A	B	A	E	–
29530152	M 5600AR	B	B	A	A	B	A	E	–
29530153	M 5600AR	B	B	A	A	B	A	E	–
29530154	M 5600AR	B	B	A	A	B	A	E	–
29530155	M 5600AR	B	B	A	A	B	A	E	–
29530156	M 5600AR	B	B	A	A	B	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	A	A	A	C	29530115
–	–	–	A	E	A	A	B	–	29530116
–	–	–	A	F	A	A	A	–	29530117
–	–	–	A	E	A	A	A	–	29530118
–	–	–	A	E	A	A	A	C	29530119
–	–	–	A	F	A	A	A	–	29530120
–	–	–	A	E	A	A	B	–	29530121
–	–	–	A	E	A	A	C	–	29530123
–	–	–	A	F	A	A	B	–	29530125
–	–	–	A	E	A	A	B	–	29530126
–	–	–	A	E	A	A	B	C	29530127
–	–	–	A	E	A	A	A	–	29530128
–	–	–	A	E	A	A	A	–	29530129
–	–	–	A	E	A	A	B	–	29530130
–	–	–	A	F	A	A	A	–	29530131
–	–	–	A	E	A	A	C	–	29530132
–	–	–	A	E	A	A	C	C	29530133
–	–	–	B	F	A	A	B	C	29530134
–	–	–	A	E	A	A	B	C	29530135
–	–	–	B	F	A	A	B	C	29530136
G	–	–	D	F	A	B	F	–	29530137
B	B	B	E	E	A	A	A	–	29530138
B	A	A	E	E	A	–	A	–	29530139
B	A	A	E	F	A	A	A	–	29530140
B	A	A	E	E	A	A	A	–	29530141
H	–	–	E	E	M	A	L	–	29530142
H	–	–	D	E	M	A	L	–	29530143
E	D	D	E	E	M	D	L	–	29530144
–	–	–	A	E	M	A	L	–	29530145
–	–	–	A	E	M	A	L	–	29530146
–	–	–	A	F	M	A	L	–	29530147
–	–	–	A	E	M	A	L	–	29530148
–	–	–	A	E	M	A	L	C	29530149
–	–	–	A	F	M	D	L	–	29530150
–	–	–	A	E	M	D	L	–	29530151
–	–	–	A	F	M	A	L	C	29530152
–	–	–	A	E	M	A	L	–	29530153
–	–	–	A	E	M	D	L	–	29530154
–	–	–	A	E	M	A	L	–	29530155
–	–	–	A	E	M	A	L	–	29530156

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29530157	M 5600AR	E	C	–	–	A	–	A	A
29530158	M 5600AR	E	C	–	–	A	–	A	A
29530159	M 5600AR	–	D	–	–	–	E	A	A
29530160	M 5600AR	B	D	–	–	A	–	A	A
29530161	M 5600AR	E	C	–	–	A	–	A	A
29530162	M 5600AR	E	C	–	–	A	–	A	A
29530163	M 5600AR	A	B	–	–	A	–	A	A
29530164	M 5600AR	A	D	–	–	A	–	A	A
29530165	M 5600AR	E	C	–	–	A	–	A	A
29530166	M 5600AR	A	C	–	–	A	–	A	A
29530167	M 5600AR	A	B	–	–	A	–	A	A
29530168	M 5600AR	A	B	–	–	A	–	A	A
29530169	M 5600AR	A	C	–	–	A	–	A	A
29530170	M 5600AR	A	C	–	–	A	–	A	A
29530171	M 5600AR	B	D	–	–	A	–	A	A
29530172	M 5600AR	–	–	A	–	–	C	A	A
29530173	S 5600H	E	–	A	–	A	–	A	C
29530174	S 5600H	–	C	–	–	–	D	A	C
29530175	S 5600H	–	C	–	–	–	D	A	A
29530176	S 5600H	–	C	–	–	–	C	A	C
29530177	S 5600H	–	C	–	–	–	E	A	A
29530178	S 5600H	–	B	–	–	–	D	A	A
29530179	S 5600H	–	B	–	–	–	E	A	C
29530180	S 5600H	–	C	–	–	–	B	A	C
29530181	S 5600H	–	C	–	–	–	C	A	C
29530182	S 5600H	–	C	–	–	–	B	A	C
29530183	S 5600M	–	C	–	–	–	B	A	A
29530184	S 5600H	–	C	–	–	–	C	A	A
29530185	S 5600H	–	A	–	A	–	D	A	A
29530186	S 5600H	–	A	–	E	–	C	A	C
29530187	S 5600M	–	–	L	A	–	E	A	A
29530188	S 5600H	E	C	–	–	A	–	A	A
29530189	S 5600H	–	K	–	E	–	B	A	A
29530190	S 5600H	–	K	K	E	–	D	A	C
29530191	S 5600H	A	K	K	E	A	–	A	A
29530192	S 5600H	E	K	K	E	A	–	A	A
29530193	S 5600H	–	K	K	E	–	C	A	C
29530194	S 5600H	–	K	K	E	–	D	A	A
29530195	M 5600A	A	A	–	–	A	–	A	A
29530196	M 5600A	–	–	A	A	–	E	A	A

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	B	A	A	A	A	A	29530157
A	A	A	B	A	A	A	A	A	29530158
A	A	A	B	A	A	A	A	A	29530159
B	A	A	B	A	A	A	A	A	29530160
B	A	A	B	A	A	A	A	A	29530161
A	A	A	B	A	A	A	A	A	29530162
A	A	A	B	A	A	A	A	A	29530163
A	A	A	B	A	A	A	A	A	29530164
A	A	A	B	A	A	A	A	A	29530165
B	A	A	B	A	A	A	A	A	29530166
A	A	A	B	A	A	A	A	A	29530167
A	A	A	B	A	A	A	A	A	29530168
A	A	A	B	A	A	A	A	A	29530169
A	A	A	B	A	A	A	A	A	29530170
B	A	A	B	A	A	A	A	A	29530171
A	A	A	B	A	A	A	C	A	29530172
B	D	A	–	A	B	A	D	A	29530173
A	D	A	–	A	B	A	B	A	29530174
A	D	A	–	A	B	A	B	A	29530175
A	D	A	–	A	B	A	B	A	29530176
A	D	A	–	A	B	A	B	A	29530177
A	D	A	–	A	B	A	B	A	29530178
A	D	A	–	A	B	A	B	A	29530179
A	D	A	–	A	B	A	B	A	29530180
A	D	A	–	A	B	A	B	A	29530181
A	D	A	–	A	B	A	B	A	29530182
A	D	A	–	A	B	A	B	A	29530183
A	D	A	–	A	B	A	B	A	29530184
A	D	A	–	A	B	A	D	A	29530185
A	D	A	–	A	B	A	D	A	29530186
A	D	A	–	A	B	A	D	A	29530187
A	D	A	–	A	B	A	B	A	29530188
A	D	A	–	A	B	A	D	A	29530189
A	D	A	–	A	B	A	D	A	29530190
A	D	A	–	A	B	A	D	A	29530191
A	D	A	–	A	B	A	D	A	29530192
A	D	A	–	A	B	A	D	A	29530193
A	D	A	–	A	B	A	D	A	29530194
A	E	A	–	A	B	A	B	A	29530195
A	E	A	–	A	B	A	D	A	29530196

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29530157	M 5600AR	B	B	A	A	B	A	E	–
29530158	M 5600AR	B	B	A	A	B	A	E	–
29530159	M 5600AR	B	B	A	A	B	A	E	–
29530160	M 5600AR	B	B	A	A	B	A	E	–
29530161	M 5600AR	B	B	A	A	B	A	E	–
29530162	M 5600AR	B	B	A	A	B	A	E	–
29530163	M 5600AR	B	B	A	A	B	A	E	–
29530164	M 5600AR	B	B	A	A	B	A	E	–
29530165	M 5600AR	B	B	A	A	B	A	E	–
29530166	M 5600AR	B	B	A	A	B	A	E	–
29530167	M 5600AR	B	B	A	A	B	A	E	–
29530168	M 5600AR	B	B	A	A	B	A	E	–
29530169	M 5600AR	B	B	A	A	B	A	E	–
29530170	M 5600AR	B	B	A	A	B	A	E	–
29530171	M 5600AR	B	B	A	A	B	A	E	–
29530172	M 5600AR	B	B	D	A	B	A	–	J
29530173	S 5600H	B	B	B	A	B	A	–	G
29530174	S 5600H	B	B	A	A	B	A	E	–
29530175	S 5600H	B	B	A	A	B	A	E	–
29530176	S 5600H	B	B	A	A	B	A	E	–
29530177	S 5600H	B	B	A	A	B	A	E	–
29530178	S 5600H	B	B	A	A	B	A	E	–
29530179	S 5600H	B	B	A	A	B	A	E	–
29530180	S 5600H	B	B	A	A	B	A	E	–
29530181	S 5600H	B	B	A	A	B	A	E	–
29530182	S 5600H	B	B	A	A	B	A	E	–
29530183	S 5600M	B	B	A	A	B	A	E	–
29530184	S 5600H	B	B	A	A	B	A	E	–
29530185	S 5600H	B	B	D	A	B	A	–	D
29530186	S 5600H	B	B	D	A	B	A	–	D
29530187	S 5600M	B	B	B	A	B	A	–	J
29530188	S 5600H	B	B	A	A	B	A	E	–
29530189	S 5600H	B	B	D	A	B	A	–	D
29530190	S 5600H	B	B	D	A	B	A	–	E
29530191	S 5600H	B	B	D	A	B	A	–	E
29530192	S 5600H	B	B	D	A	B	A	–	E
29530193	S 5600H	B	B	D	A	B	A	–	E
29530194	S 5600H	B	B	D	A	B	A	–	E
29530195	M 5600A	B	B	C	A	B	A	H	–
29530196	M 5600A	B	B	B	A	B	A	–	E

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	M	A	L	C	29530157
–	–	–	A	E	M	A	L	–	29530158
–	–	–	A	F	M	A	L	–	29530159
–	–	–	B	F	M	A	L	C	29530160
–	–	–	A	F	M	A	L	–	29530161
–	–	–	B	F	M	A	L	–	29530162
–	–	–	A	E	M	A	L	–	29530163
–	–	–	A	F	M	A	L	–	29530164
–	–	–	A	E	M	A	L	C	29530165
–	–	–	B	F	M	A	L	C	29530166
–	–	–	A	F	M	A	L	–	29530167
–	–	–	B	F	M	A	L	–	29530168
–	–	–	B	F	M	A	L	C	29530169
–	–	–	B	F	M	A	L	–	29530170
–	–	–	A	F	M	A	L	C	29530171
G	E	E	E	E	M	A	L	–	29530172
G	–	–	D	E	G	–	A	–	29530173
–	–	–	A	E	A	–	A	–	29530174
–	–	–	A	E	A	–	A	–	29530175
–	–	–	A	F	A	–	A	–	29530176
–	–	–	A	E	A	–	A	–	29530177
–	–	–	A	E	A	–	A	–	29530178
–	–	–	A	E	A	–	A	–	29530179
–	–	–	A	F	A	–	A	–	29530180
–	–	–	A	E	A	–	A	–	29530181
–	–	–	A	E	A	–	A	–	29530182
–	–	–	B	F	A	–	B	C	29530183
–	–	–	A	E	A	–	A	–	29530184
B	B	B	E	E	A	–	A	–	29530185
B	B	B	E	E	A	–	A	–	29530186
A	–	–	E	E	A	–	B	–	29530187
–	–	–	A	E	A	–	A	–	29530188
B	B	B	E	F	A	–	A	–	29530189
B	A	A	E	E	A	–	A	–	29530190
B	A	A	E	E	A	–	A	–	29530191
B	A	A	E	E	A	–	A	–	29530192
B	A	A	E	E	A	–	A	–	29530193
B	A	A	E	E	A	–	A	–	29530194
–	–	–	A	E	M	–	L	–	29530195
E	D	D	E	E	M	–	L	–	29530196

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29530197	M 5600A	–	–	A	A	–	E	A	A
29530198	M 5600A	–	–	A	A	–	E	A	A
29530199	M 5600A	A	B	–	–	A	–	A	A
29530200	M 5600A	A	D	–	–	A	–	A	A
29530201	M 5600A	B	D	–	–	A	–	A	A
29530202	M 5600A	B	H	–	–	A	–	D	K
29530203	M 5600A	A	B	–	–	A	–	A	A
29530204	M 5600A	A	B	–	–	A	–	A	A
29530205	M 5600A	B	E	–	–	A	–	D	K
29530206	M 5600A	B	D	–	–	A	–	A	A
29530207	M 5600A	A	C	–	–	A	–	A	A
29530208	M 5600A	A	B	–	–	A	–	D	K
29530209	M 5600A	B	E	–	–	A	–	D	K
29530210	M 5600A	B	E	–	–	A	–	D	K
29530211	M 5600A	A	–	A	A	A	–	A	A
29530212	M 5600A	–	B	–	–	–	D	A	A
29530213	M 5600A	A	–	A	A	A	–	A	C
29530237	M 6600A	A	B	–	–	A	–	A	P
29530238	M 6600AR	A	H	–	–	A	–	A	N
29530257	CLT 6063-4	–	B	–	–	–	D	A	A
29530700	M 6600A	B	A	–	–	A	–	A	P
29530731	S 5600MR	–	D	–	–	–	C	A	A
29532470	M 6600AR	E	C	–	–	A	–	A	P
29532503	M 5600AR	–	–	G	–	–	C	A	P
29532694	M 6600A	–	B	–	–	–	B	A	A
29532703	M 5600AR	E	C	–	–	A	–	A	P
29532705	M 6600AR	–	B	–	–	–	E	A	P
29532927	S 6600H	–	C	–	–	–	B	A	N
29532933	M 6600A	B	D	–	–	A	–	A	N
29532961	M 6600AR	–	B	–	–	–	B	A	P
29532991	M 5600AR	–	–	G	–	–	B	A	C
29533038	M 5600A	–	B	–	–	–	D	A	A
29533055	S 6600H	–	C	–	–	–	D	A	A
29533069	S 5600HR	–	K	K	E	–	D	A	A
29533670	M 6600AR	A	B	–	–	A	–	A	P
29533760	M 5600A	B	E	–	–	A	–	D	K
29533769	M 5600AR	E	C	–	–	A	–	A	N
29534008	M 6600AR	–	D	–	–	–	B	A	A
29534009	M 6600AR	A	B	–	–	A	–	A	N
29534011	M 5600A	A	B	–	–	A	–	D	L

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	E	A	–	A	B	A	D	A	29530197
A	E	A	–	A	B	A	D	A	29530198
A	E	A	–	A	B	A	B	A	29530199
A	E	A	–	A	B	A	B	A	29530200
B	E	A	–	A	B	A	B	A	29530201
B	G	A	–	A	B	A	B	A	29530202
A	E	A	–	A	B	A	B	A	29530203
B	E	A	–	A	B	A	B	A	29530204
B	G	A	–	A	B	A	B	A	29530205
B	E	A	–	A	B	A	B	A	29530206
B	E	A	–	A	B	A	B	A	29530207
B	G	A	–	A	B	A	B	A	29530208
B	G	A	–	A	B	A	B	A	29530209
B	G	A	–	A	B	A	B	A	29530210
A	E	A	–	A	B	A	D	A	29530211
B	E	A	–	A	B	A	B	A	29530212
A	E	A	–	A	B	A	D	A	29530213
A	G	A	–	D	F	B	B	A	29530237
A	H	A	B	D	E	B	A	A	29530238
B	F	A	–	A	B	A	B	A	29530257
A	G	A	–	D	F	B	B	A	29530700
A	A	A	A	A	A	A	A	A	29530731
A	H	A	B	D	E	B	A	A	29532470
A	H	A	B	A	A	A	C	A	29532503
B	E	A	–	D	F	B	B	A	29532694
A	H	A	B	A	A	A	A	A	29532703
A	H	A	B	D	E	B	A	A	29532705
A	F	A	–	C	F	B	B	A	29532927
B	G	A	–	D	F	B	B	A	29532933
B	H	A	B	D	E	B	A	A	29532961
A	A	A	B	A	A	A	C	A	29532991
A	E	A	–	A	B	A	B	A	29533038
A	D	A	–	C	F	B	B	A	29533055
A	A	A	A	A	A	A	C	A	29533069
A	H	A	B	D	E	B	A	A	29533670
B	G	A	–	A	B	A	B	A	29533760
A	H	A	B	A	A	A	A	A	29533769
A	A	A	B	D	E	B	A	A	29534008
A	H	A	B	D	E	B	A	A	29534009
A	G	A	–	A	B	A	B	A	29534011

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29530197	M 5600A	B	B	B	A	B	A	–	E
29530198	M 5600A	B	B	B	A	B	A	–	E
29530199	M 5600A	B	B	A	A	B	A	E	–
29530200	M 5600A	B	B	A	A	B	A	E	–
29530201	M 5600A	B	B	A	A	B	A	E	–
29530202	M 5600A	B	B	A	A	B	A	E	–
29530203	M 5600A	B	B	A	A	B	A	E	–
29530204	M 5600A	B	B	A	A	B	A	E	–
29530205	M 5600A	B	B	A	A	B	A	E	–
29530206	M 5600A	B	B	A	A	B	A	E	–
29530207	M 5600A	B	B	A	A	B	A	E	–
29530208	M 5600A	B	B	A	A	B	A	E	–
29530209	M 5600A	B	B	A	A	B	A	E	–
29530210	M 5600A	B	B	A	A	B	A	E	–
29530211	M 5600A	B	B	B	A	B	A	–	J
29530212	M 5600A	B	B	A	A	B	A	E	–
29530213	M 5600A	B	B	B	A	B	A	–	E
29530237	M 6600A	B	B	A	B	B	A	E	–
29530238	M 6600AR	B	B	A	B	B	A	E	–
29530257	CLT 6063-4	B	B	A	A	B	A	E	–
29530700	M 6600A	B	B	C	B	B	A	H	–
29530731	S 5600MR	B	B	A	A	B	A	E	–
29532470	M 6600AR	B	B	A	B	B	A	E	–
29532503	M 5600AR	B	B	B	A	B	A	–	A
29532694	M 6600A	B	B	A	B	B	A	E	–
29532703	M 5600AR	B	B	A	A	B	A	E	–
29532705	M 6600AR	B	B	A	B	B	A	E	–
29532927	S 6600H	B	B	A	B	B	A	E	–
29532933	M 6600A	B	B	A	B	B	A	E	–
29532961	M 6600AR	B	B	A	B	B	A	E	–
29532991	M 5600AR	B	B	B	A	B	A	–	A
29533038	M 5600A	B	B	A	A	B	A	E	–
29533055	S 6600H	B	B	A	B	B	A	E	–
29533069	S 5600HR	B	B	D	A	B	A	–	E
29533670	M 6600AR	B	B	A	B	B	A	E	–
29533760	M 5600A	B	B	A	A	B	A	E	–
29533769	M 5600AR	B	B	A	A	B	A	E	–
29534008	M 6600AR	B	B	A	B	B	A	E	–
29534009	M 6600AR	B	B	A	B	B	A	E	–
29534011	M 5600A	B	B	A	A	B	A	E	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
E	D	D	E	E	M	–	L	C	29530197
E	D	D	E	E	M	–	L	C	29530198
–	–	–	A	F	M	–	L	–	29530199
–	–	–	A	F	M	–	L	–	29530200
–	–	–	B	F	M	–	L	C	29530201
–	–	–	A	F	M	–	L	C	29530202
–	–	–	B	F	M	–	L	–	29530203
–	–	–	B	F	M	–	L	–	29530204
–	–	–	A	F	M	–	L	B	29530205
–	–	–	A	F	M	–	L	C	29530206
–	–	–	B	F	M	–	L	C	29530207
–	–	–	B	F	M	–	L	–	29530208
–	–	–	B	F	M	–	L	B	29530209
–	–	–	B	F	M	–	L	B	29530210
A	–	–	E	E	M	–	L	–	29530211
–	–	–	A	F	M	–	L	–	29530212
E	D	D	E	F	M	–	L	–	29530213
–	–	–	C	F	M	–	L	–	29530237
–	–	–	C	E	M	A	L	–	29530238
–	–	–	A	E	M	–	L	–	29530257
–	–	–	A	F	M	–	L	–	29530700
–	–	–	A	F	A	A	B	–	29530731
–	–	–	C	F	M	A	L	C	29532470
H	–	–	D	E	M	A	L	–	29532503
–	–	–	B	E	M	–	L	–	29532694
–	–	–	A	E	M	A	L	C	29532703
–	–	–	C	F	M	A	L	–	29532705
–	–	–	C	E	A	–	A	–	29532927
–	–	–	B	F	M	–	L	C	29532933
–	–	–	B	F	M	A	L	–	29532961
H	–	–	D	E	M	A	L	–	29532991
–	–	–	A	F	M	–	L	–	29533038
–	–	–	C	E	A	–	A	–	29533055
B	A	A	E	E	A	A	A	–	29533069
–	–	–	B	F	M	A	L	–	29533670
–	–	–	B	F	M	–	L	B	29533760
–	–	–	A	E	M	A	L	C	29533769
–	–	–	C	F	M	A	L	–	29534008
–	–	–	C	E	M	A	L	–	29534009
–	–	–	B	F	M	–	L	–	29534011

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29534012	M 6600A	–	C	–	–	–	C	A	A
29534013	M 6600A	–	B	–	–	–	E	A	A
29534014	M 6600A	–	C	–	–	–	C	A	A
29534015	M 6600AR	A	B	–	–	A	–	A	A
29534016	M 6600A	–	B	–	–	–	B	A	N
29534017	M 6600A	–	D	–	–	–	E	A	N
29534018	M 6600A	–	C	–	–	–	B	A	A
29534019	M 6600A	A	B	–	–	A	–	A	A
29534020	M 6600A	B	D	–	–	A	–	A	N
29534021	M 6600AR	–	B	–	–	–	E	A	A
29534022	M 6600AR	A	B	–	–	A	–	A	A
29534023	M 6600AR	A	B	–	–	A	–	A	N
29534024	M 6600A	–	C	–	–	–	E	A	A
29534025	M 6600AR	E	C	–	–	A	–	A	N
29534026	M 6600AR	–	B	–	–	–	C	A	A
29534027	M 6600AR	–	B	–	–	–	E	A	N
29534180	S 5600H	E	K	K	E	A	–	A	C
29534907	M 6600AR	–	B	–	–	–	B	A	A
29534908	M 6600AR	–	B	–	–	–	E	A	A
29534909	M 6600A	A	B	–	–	A	–	A	N
29534910	M 6600AR	A	B	–	–	A	–	A	P
29534911	M 6600A	–	B	–	–	–	D	A	A
29534913	M 6600A	–	B	–	–	–	D	A	N
29534914	S 5600HR	–	C	–	–	–	D	A	A
29534915	M 6600A	–	B	–	–	–	B	A	P
29534916	M 6600A	–	E	–	–	–	B	A	A
29534917	S 5600M	–	D	–	–	–	E	A	A
29534919	M 5600A	–	–	G	–	–	C	A	P
29534921	M 5600AR	–	D	–	–	–	B	A	A
29534923	M 5600A	B	E	–	–	A	–	D	K
29534924	M 6600A	B	E	–	–	A	–	A	N
29534925	M 6600AR	B	E	–	–	A	–	A	N
29534928	S 6600M	–	E	–	–	–	B	A	P
29534929	S 6600AR	–	C	–	–	–	B	A	P
29534930	M 6600AR	–	C	–	–	–	B	A	A
29534931	M 6600A	–	C	–	–	–	B	A	A
29534933	M 5600A	–	K	–	E	–	D	A	A
29536537	M 6600AR	B	A	–	–	A	–	A	P
29536538	M 5600AR	–	–	A	–	–	C	A	C
29536540	M 6600AR	B	A	–	–	A	–	A	P

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	E	A	–	D	F	B	B	A	29534012
A	E	A	–	D	F	B	B	A	29534013
A	E	A	–	D	F	B	B	A	29534014
A	A	A	B	D	E	B	A	A	29534015
A	G	A	–	D	F	B	B	A	29534016
B	G	A	–	D	F	B	B	A	29534017
A	E	A	–	D	F	B	B	A	29534018
A	E	A	–	D	F	B	B	A	29534019
B	G	A	–	D	F	B	B	A	29534020
A	A	A	B	D	E	B	A	A	29534021
A	A	A	B	D	E	B	A	A	29534022
A	H	A	B	D	E	B	A	A	29534023
A	E	A	–	D	F	B	B	A	29534024
A	H	A	B	D	E	B	A	A	29534025
A	A	A	B	D	E	B	A	A	29534026
A	H	A	B	D	E	B	A	A	29534027
A	D	A	–	A	B	A	D	A	29534180
A	A	A	B	D	E	B	A	A	29534907
A	A	A	B	D	E	B	A	A	29534908
A	G	A	–	D	F	B	B	A	29534909
A	H	A	B	D	E	B	A	A	29534910
A	E	A	–	D	F	B	B	A	29534911
B	G	A	–	D	F	B	B	A	29534913
A	A	A	A	A	A	A	A	A	29534914
B	G	A	–	D	F	B	B	A	29534915
B	E	A	–	D	F	B	B	A	29534916
A	D	A	–	A	B	A	B	A	29534917
A	G	A	–	A	B	A	D	A	29534919
A	A	A	B	A	A	A	A	A	29534921
B	G	A	–	A	B	A	B	A	29534923
B	G	A	–	D	F	B	B	A	29534924
B	H	A	B	D	E	B	A	A	29534925
A	F	A	–	C	F	B	B	A	29534928
A	H	A	B	D	E	B	A	A	29534929
B	A	A	B	D	E	B	A	A	29534930
B	E	A	–	D	F	B	B	A	29534931
A	E	A	–	A	B	A	D	A	29534933
A	H	A	B	D	E	B	A	A	29536537
B	A	A	B	A	A	A	C	A	29536538
A	H	A	B	D	E	B	A	A	29536540

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29534012	M 6600A	B	B	A	B	B	A	E	–
29534013	M 6600A	B	B	A	B	B	A	E	–
29534014	M 6600A	B	B	A	B	B	A	E	–
29534015	M 6600AR	B	B	A	B	B	A	E	–
29534016	M 6600A	B	B	A	B	B	A	E	–
29534017	M 6600A	B	B	A	B	B	A	E	–
29534018	M 6600A	B	B	A	B	B	A	E	–
29534019	M 6600A	B	B	A	B	B	A	E	–
29534020	M 6600A	B	B	A	B	B	A	E	–
29534021	M 6600AR	B	B	A	B	B	A	E	–
29534022	M 6600AR	B	B	A	B	B	A	E	–
29534023	M 6600AR	B	B	A	B	B	A	E	–
29534024	M 6600A	B	B	A	B	B	A	E	–
29534025	M 6600AR	B	B	A	B	B	A	E	–
29534026	M 6600AR	B	B	A	B	B	A	E	–
29534027	M 6600AR	B	B	A	B	B	A	E	–
29534180	S 5600H	B	B	D	A	B	A	–	E
29534907	M 6600AR	B	B	A	B	B	A	E	–
29534908	M 6600AR	B	B	A	B	B	A	E	–
29534909	M 6600A	B	B	A	B	B	A	E	–
29534910	M 6600AR	B	B	A	B	B	A	E	–
29534911	M 6600A	B	B	A	B	B	A	E	–
29534913	M 6600A	B	B	A	B	B	A	E	–
29534914	S 5600HR	B	B	A	A	B	A	E	–
29534915	M 6600A	B	B	A	B	B	A	E	–
29534916	M 6600A	B	B	A	B	B	A	E	–
29534917	S 5600M	B	B	A	A	B	A	E	–
29534919	M 5600A	B	B	B	A	B	A	–	A
29534921	M 5600AR	B	B	A	A	B	A	E	–
29534923	M 5600A	B	B	A	A	B	A	E	–
29534924	M 6600A	B	B	A	B	B	A	E	–
29534925	M 6600AR	B	B	A	B	B	A	E	–
29534928	S 6600M	B	B	A	B	B	A	E	–
29534929	S 6600AR	B	B	A	B	B	A	E	–
29534930	M 6600AR	B	B	A	B	B	A	E	–
29534931	M 6600A	B	B	A	B	B	A	E	–
29534933	M 5600A	B	B	D	A	B	A	–	D
29536537	M 6600AR	B	B	C	B	B	A	H	–
29536538	M 5600AR	B	B	B	A	B	A	–	G
29536540	M 6600AR	B	B	C	B	B	A	H	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	C	E	M	–	L	–	29534012
–	–	–	C	E	M	–	L	–	29534013
–	–	–	C	E	M	–	M	–	29534014
–	–	–	C	E	M	A	L	–	29534015
–	–	–	C	E	M	–	M	–	29534016
–	–	–	C	F	M	–	L	–	29534017
–	–	–	C	E	M	–	M	–	29534018
–	–	–	C	F	M	–	L	–	29534019
–	–	–	C	F	M	–	L	C	29534020
–	–	–	C	E	M	A	L	–	29534021
–	–	–	C	F	M	A	L	–	29534022
–	–	–	C	F	M	A	L	–	29534023
–	–	–	C	E	M	–	M	–	29534024
–	–	–	C	F	M	A	L	–	29534025
–	–	–	C	E	M	A	L	–	29534026
–	–	–	C	F	M	A	L	–	29534027
B	A	A	E	E	A	–	A	–	29534180
–	–	–	C	F	M	A	L	–	29534907
–	–	–	C	F	M	A	L	–	29534908
–	–	–	C	F	M	–	L	–	29534909
–	–	–	C	F	M	A	L	–	29534910
–	–	–	C	E	M	–	L	–	29534911
–	–	–	C	E	M	–	L	–	29534913
–	–	–	A	E	A	A	A	–	29534914
–	–	–	B	E	M	–	L	–	29534915
–	–	–	A	F	M	–	L	–	29534916
–	–	–	A	E	A	–	B	–	29534917
H	–	–	D	E	M	–	L	–	29534919
–	–	–	A	E	M	A	L	–	29534921
–	–	–	B	F	M	–	L	–	29534923
–	–	–	C	F	M	–	L	–	29534924
–	–	–	C	F	M	A	L	–	29534925
–	–	–	C	E	A	–	G	B	29534928
–	–	–	A	F	M	A	M	–	29534929
–	–	–	A	F	M	A	L	–	29534930
–	–	–	A	F	M	–	L	–	29534931
B	B	B	E	E	M	–	L	–	29534933
–	–	–	A	F	M	D	L	–	29536537
G	–	–	D	E	M	A	M	–	29536538
–	–	–	A	F	M	A	L	–	29536540

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29536542	S 5600M	–	D	–	–	–	B	A	P
29536543	S 6600M	–	C	–	–	–	D	A	P
29536544	S 6600M	–	C	–	–	–	D	A	A
29536545	S 5600H	–	C	–	–	–	B	A	A
29536547	S 6600H	E	C	–	–	A	–	A	N
29536551	M 5600AR	A	B	–	–	A	–	A	N
29536555	S 6600M	–	B	–	–	–	N	A	P
29536556	S 5600H	–	–	A	E	–	B	A	A
29536558	S 5610H	–	K	K	E	–	B	A	A
29536559	M 5610AR	A	B	–	–	A	–	A	N
29536560	S 6610M	–	B	–	–	–	N	A	P
29536561	S 5610H	–	–	A	B	–	B	A	A
29537453	S 5610HR	–	C	–	–	–	C	A	C
29537454	S 5610HR	–	C	–	–	–	D	A	A
29537455	S 5610HR	–	K	–	E	–	D	A	A
29537456	M 5610AR	–	D	–	–	–	M	A	A
29537457	M 5610AR	–	D	–	–	–	M	A	N
29537458	M 5610AR	E	C	–	–	A	–	A	A
29537459	M 5610AR	A	B	–	–	A	–	A	A
29537460	M 5610AR	A	B	–	–	A	–	A	A
29537461	S 5610H	–	C	–	–	–	D	A	A
29537462	S 5610H	–	B	–	–	–	D	A	A
29537463	S 5610H	–	A	–	A	–	D	A	A
29537464	M 5610A	A	B	–	–	A	–	A	A
29537465	M 5610AR	E	C	–	–	A	–	A	P
29537466	S 5610HR	–	K	K	E	–	D	A	A
29537467	M 5610A	B	E	–	–	A	–	A	N
29537468	S 5610HR	–	C	–	–	–	D	A	A
29537469	M 5610A	B	E	–	–	A	–	A	N
29537470	S 5610H	–	C	–	–	–	B	A	A
29537471	S 6610H	–	E	–	–	–	D	A	N
29537472	S 6610HR	–	A	A	A	–	D	A	A
29537473	S 6610M	–	B	–	–	–	E	A	P
29537474	S 6610HR	–	C	–	–	–	D	A	N
29537475	S 6610H	–	B	–	–	–	D	A	P
29537476	S 6610HR	–	B	–	–	–	D	A	N
29537477	M 6610AR	B	E	–	–	A	–	A	N
29537478	M 6610A	B	E	–	–	A	–	A	N
29537479	M 6610A	A	B	–	–	A	–	A	P
29537480	M 6610AR	–	C	–	–	–	E	A	P

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	F	A	–	A	B	A	B	A	29536542
A	F	A	–	C	F	B	B	A	29536543
A	D	A	–	C	F	B	B	A	29536544
A	D	A	–	A	B	A	B	A	29536545
A	F	A	–	C	F	B	B	A	29536547
A	H	A	B	A	A	A	A	A	29536551
A	F	A	–	C	F	B	B	A	29536555
A	D	A	–	A	B	A	D	A	29536556
A	D	A	–	A	B	A	D	A	29536558
A	H	A	B	B	A	A	A	A	29536559
A	F	A	–	C	F	B	B	A	29536560
A	D	A	–	A	B	A	D	A	29536561
A	A	A	A	A	A	A	A	A	29537453
A	A	A	A	A	A	A	A	A	29537454
A	A	A	A	A	A	A	C	A	29537455
A	A	A	B	B	A	A	A	A	29537456
A	H	A	B	B	A	A	A	A	29537457
A	A	A	B	B	A	A	A	A	29537458
A	A	A	B	B	A	A	A	A	29537459
A	A	A	B	B	A	A	A	A	29537460
A	D	A	–	A	B	A	B	A	29537461
A	D	A	–	A	B	A	B	A	29537462
A	D	A	–	A	B	A	D	A	29537463
A	E	A	–	B	B	A	B	A	29537464
A	H	A	B	B	A	A	A	A	29537465
A	A	A	A	A	A	A	C	A	29537466
A	G	A	–	B	B	A	B	A	29537467
A	A	A	A	A	A	A	A	A	29537468
A	G	A	–	B	B	A	B	A	29537469
A	D	A	–	A	B	A	B	A	29537470
A	F	A	–	C	F	B	B	A	29537471
A	A	A	A	C	E	B	C	A	29537472
A	F	A	–	C	F	B	B	A	29537473
A	H	A	A	C	E	B	A	A	29537474
A	F	A	–	C	F	B	B	A	29537475
A	H	A	A	C	E	B	A	A	29537476
A	H	A	B	E	E	B	A	A	29537477
A	G	A	–	E	F	B	B	A	29537478
A	G	A	–	E	F	B	B	A	29537479
A	H	A	B	E	E	B	A	A	29537480

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29536542	S 5600M	B	B	A	A	B	A	E	–
29536543	S 6600M	B	B	A	B	B	A	E	–
29536544	S 6600M	B	B	A	B	B	A	E	–
29536545	S 5600H	B	B	A	A	B	A	E	–
29536547	S 6600H	B	B	A	B	B	A	E	–
29536551	M 5600AR	B	B	A	A	B	A	E	–
29536555	S 6600M	B	B	A	B	B	A	E	–
29536556	S 5600H	B	B	B	A	B	A	–	J
29536558	S 5610H	B	B	D	A	B	A	–	E
29536559	M 5610AR	B	B	A	A	B	A	F	–
29536560	S 6610M	B	B	A	B	B	A	F	–
29536561	S 5610H	B	B	B	A	B	A	–	J
29537453	S 5610HR	B	B	A	A	B	A	F	–
29537454	S 5610HR	B	B	A	A	B	A	F	–
29537455	S 5610HR	B	B	D	A	B	A	–	D
29537456	M 5610AR	B	B	A	A	B	A	F	–
29537457	M 5610AR	B	B	A	A	B	A	F	–
29537458	M 5610AR	B	B	A	A	B	A	F	–
29537459	M 5610AR	B	B	A	A	B	A	F	–
29537460	M 5610AR	B	B	A	A	B	A	F	–
29537461	S 5610H	B	B	A	A	B	A	F	–
29537462	S 5610H	B	B	A	A	B	A	F	–
29537463	S 5610H	B	B	D	A	B	A	–	D
29537464	M 5610A	B	B	A	A	B	A	F	–
29537465	M 5610AR	B	B	A	A	B	A	F	–
29537466	S 5610HR	B	B	D	A	B	A	–	E
29537467	M 5610A	B	B	A	A	B	A	F	–
29537468	S 5610HR	B	B	A	A	B	A	F	–
29537469	M 5610A	B	B	A	A	B	A	F	–
29537470	S 5610H	B	B	A	A	B	A	F	–
29537471	S 6610H	B	B	A	B	B	A	F	–
29537472	S 6610HR	B	B	D	B	B	A	–	E
29537473	S 6610M	B	B	A	B	B	A	F	–
29537474	S 6610HR	B	B	A	B	B	A	F	–
29537475	S 6610H	B	B	A	B	B	A	F	–
29537476	S 6610HR	B	B	A	B	B	A	F	–
29537477	M 6610AR	B	B	A	B	B	A	F	–
29537478	M 6610A	B	B	A	B	B	A	F	–
29537479	M 6610A	B	B	A	B	B	A	F	–
29537480	M 6610AR	B	B	A	B	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	A	–	F	–	29536542
–	–	–	C	E	N	–	J	–	29536543
–	–	–	C	E	A	–	G	–	29536544
–	–	–	A	F	A	–	A	C	29536545
–	–	–	C	E	A	–	A	–	29536547
–	–	–	A	E	M	A	L	–	29536551
–	–	–	C	E	A	–	F	–	29536555
A	–	–	E	E	A	–	A	–	29536556
B	A	A	E	E	A	–	A	–	29536558
–	–	–	A	E	P	A	N	–	29536559
–	–	–	C	E	A	–	F	–	29536560
A	–	–	E	E	A	–	A	–	29536561
–	–	–	A	F	A	A	A	C	29537453
–	–	–	A	F	A	A	A	–	29537454
B	B	B	E	E	A	A	A	–	29537455
–	–	–	A	E	P	A	N	–	29537456
–	–	–	A	E	P	A	N	–	29537457
–	–	–	B	F	P	A	N	–	29537458
–	–	–	A	E	P	A	N	–	29537459
–	–	–	B	F	P	A	N	–	29537460
–	–	–	A	E	A	–	A	–	29537461
–	–	–	A	E	A	–	A	–	29537462
B	B	B	E	E	A	–	A	–	29537463
–	–	–	B	F	P	–	N	–	29537464
–	–	–	A	E	P	A	N	C	29537465
B	A	A	E	E	A	A	A	–	29537466
–	–	–	B	F	P	–	N	B	29537467
–	–	–	A	E	A	A	A	–	29537468
–	–	–	B	F	P	–	N	–	29537469
–	–	–	A	E	A	–	A	C	29537470
–	–	–	C	F	A	–	A	–	29537471
B	A	A	E	E	A	A	A	–	29537472
–	–	–	C	E	A	–	F	–	29537473
–	–	–	C	E	A	A	A	–	29537474
–	–	–	C	E	A	–	A	–	29537475
–	–	–	C	E	A	A	A	–	29537476
–	–	–	C	F	P	A	N	B	29537477
–	–	–	C	F	P	–	N	B	29537478
–	–	–	C	F	P	–	N	–	29537479
–	–	–	C	F	P	A	N	–	29537480

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29537481	M 6610A	B	D	–	–	A	–	A	N
29537482	S 6610H	–	C	–	–	–	D	A	A
29537483	M 6610AR	A	B	–	–	A	–	A	N
29537484	M 6610AR	E	C	–	–	A	–	A	N
29537485	M 6610AR	A	B	–	–	A	–	A	P
29537486	M 6610A	–	B	–	–	–	B	A	P
29537487	M 6610A	–	E	–	–	–	B	A	A
29537488	M 6610A	B	E	–	–	A	–	A	N
29537489	M 6610AR	B	E	–	–	A	–	A	N
29537490	S 6610M	–	E	–	–	–	B	A	P
29537491	M 6610A	–	C	–	–	–	B	A	A
29537492	S 6610M	–	C	–	–	–	D	A	P
29538167	M 5600AR	–	D	–	–	–	M	A	N
29538168	M 5600A	–	B	–	–	–	B	A	P
29538169	M 6600A	–	C	–	–	–	E	A	A
29538170	S 6610M	–	E	–	–	–	N	A	P
29538171	M 6610A	A	B	–	–	A	–	A	N
29538172	S 6610M	–	C	–	–	–	D	A	A
29538173	S 6610H	–	C	–	–	–	B	A	A
29538174	S 6610M	–	C	–	–	–	D	A	P
29538175	S 5610H	–	K	–	E	–	B	A	A
29538176	S 5610H	–	K	K	E	–	D	A	A
29538177	S 5610M	–	D	–	–	–	E	A	A
29538178	M 6610A	–	C	–	–	–	N	A	P
29538179	S 5610H	–	A	–	A	–	B	A	A
29538181	M 5610A	A	–	A	–	A	–	A	P
29538182	S 5610H	E	C	–	–	A	–	A	A
29538185	M 6600A	B	D	–	–	A	–	A	N
29538186	M 6600AR	B	A	–	–	A	–	A	P
29538187	M 6610AR	–	B	–	–	–	C	A	P
29538188	S 5600MR	A	B	–	–	A	–	A	A
29538189	MS 6610AR	B	A	–	–	A	–	A	P
29538190	S 5610H	–	C	–	–	–	C	A	A
29538192	S 5610H	E	K	K	E	A	–	A	A
29538193	S 5610H	–	–	–	G	–	B	A	A
29538194	M 5610AR	A	B	–	–	A	–	A	A
29538196	M 6600AR	A	B	–	–	A	–	A	P
29538393	M 5600AR	E	C	–	–	A	–	A	P
29538394	M 6610A	–	B	–	–	–	B	A	P
29538395	M 5610AR	A	B	–	–	A	–	A	N

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	G	A	–	E	F	B	B	A	29537481
A	D	A	–	C	F	B	B	A	29537482
A	H	A	B	E	E	B	A	A	29537483
A	H	A	B	E	E	B	A	A	29537484
A	H	A	B	E	E	B	A	A	29537485
A	G	A	–	E	F	B	B	A	29537486
A	E	A	–	E	F	B	B	A	29537487
A	G	A	–	E	F	B	B	A	29537488
A	H	A	B	E	E	B	A	A	29537489
A	F	A	–	C	F	B	B	A	29537490
A	E	A	–	E	F	B	B	A	29537491
A	F	A	–	C	F	B	B	A	29537492
A	H	A	A	B	A	A	A	A	29538167
A	E	A	–	B	B	A	B	A	29538168
A	E	A	–	E	F	B	B	A	29538169
A	F	A	–	C	F	B	B	A	29538170
A	G	A	–	E	F	B	B	A	29538171
A	D	A	–	C	F	B	B	A	29538172
A	D	A	–	C	F	B	B	A	29538173
A	F	A	–	C	F	B	B	A	29538174
A	D	A	–	A	B	A	D	A	29538175
A	D	A	–	A	B	A	D	A	29538176
A	D	A	–	A	B	A	B	A	29538177
A	G	A	–	E	F	B	B	A	29538178
A	D	A	–	A	B	A	D	A	29538179
A	G	A	–	B	B	A	D	A	29538181
A	D	A	–	A	B	A	B	A	29538182
A	G	A	–	E	F	B	B	A	29538185
A	H	A	B	E	E	B	A	A	29538186
A	H	A	B	E	E	B	A	A	29538187
A	A	A	A	A	A	A	A	A	29538188
A	H	A	B	E	E	B	A	A	29538189
A	D	A	–	A	B	A	B	A	29538190
A	D	A	–	A	B	A	D	A	29538192
A	D	A	–	A	B	A	D	A	29538193
A	A	A	B	B	A	A	A	A	29538194
A	H	A	B	E	E	B	A	A	29538196
A	H	A	B	B	A	A	A	A	29538393
A	G	A	–	E	F	B	B	A	29538394
A	H	A	B	B	A	A	A	A	29538395

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29537481	M 6610A	B	B	A	B	B	A	F	–
29537482	S 6610H	B	B	A	B	B	A	F	–
29537483	M 6610AR	B	B	A	B	B	A	F	–
29537484	M 6610AR	B	B	A	B	B	A	F	–
29537485	M 6610AR	B	B	A	B	B	A	F	–
29537486	M 6610A	B	B	A	B	B	A	F	–
29537487	M 6610A	B	B	A	B	B	A	F	–
29537488	M 6610A	B	B	A	B	B	A	F	–
29537489	M 6610AR	B	B	A	B	B	A	F	–
29537490	S 6610M	B	B	A	B	B	A	F	–
29537491	M 6610A	B	B	A	B	B	A	F	–
29537492	S 6610M	B	B	A	B	B	A	F	–
29538167	M 5600AR	B	B	A	A	B	A	E	–
29538168	M 5600A	B	B	A	A	B	A	E	–
29538169	M 6600A	B	B	A	B	B	A	E	–
29538170	S 6610M	B	B	A	B	B	A	F	–
29538171	M 6610A	B	B	A	B	B	A	F	–
29538172	S 6610M	B	B	A	B	B	A	F	–
29538173	S 6610H	B	B	A	B	B	A	F	–
29538174	S 6610M	B	B	A	B	B	A	F	–
29538175	S 5610H	B	B	D	A	B	A	–	D
29538176	S 5610H	B	B	D	A	B	A	–	E
29538177	S 5610M	B	B	A	A	B	A	F	–
29538178	M 6610A	B	B	A	B	B	A	F	–
29538179	S 5610H	B	B	D	A	B	A	–	D
29538181	M 5610A	B	B	B	A	B	A	–	E
29538182	S 5610H	B	B	A	A	B	A	F	–
29538185	M 6600A	B	B	A	B	B	A	E	–
29538186	M 6600AR	B	B	C	B	B	A	H	–
29538187	M 6610AR	B	B	A	B	B	A	F	–
29538188	S 5600MR	B	B	A	A	B	A	E	–
29538189	MS 6610AR	B	B	C	B	B	A	H	–
29538190	S 5610H	B	B	A	A	B	A	F	–
29538192	S 5610H	B	B	D	A	B	A	–	E
29538193	S 5610H	B	B	B	A	B	A	–	B
29538194	M 5610AR	B	B	A	A	B	A	F	–
29538196	M 6600AR	B	B	A	B	B	A	E	–
29538393	M 5600AR	B	B	A	A	B	A	E	–
29538394	M 6610A	B	B	A	B	B	A	F	–
29538395	M 5610AR	B	B	A	A	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	B	F	P	–	N	C	29537481
–	–	–	C	E	A	–	A	–	29537482
–	–	–	C	E	P	A	N	–	29537483
–	–	–	C	F	P	A	N	–	29537484
–	–	–	C	F	P	A	N	–	29537485
–	–	–	B	E	P	–	N	–	29537486
–	–	–	A	F	P	–	N	–	29537487
–	–	–	C	F	P	–	N	–	29537488
–	–	–	C	F	P	A	N	–	29537489
–	–	–	C	E	A	–	G	B	29537490
–	–	–	A	F	P	–	N	–	29537491
–	–	–	C	E	N	–	J	–	29537492
–	–	–	A	E	M	A	L	–	29538167
–	–	–	B	E	M	–	L	–	29538168
–	–	–	C	E	M	–	M	–	29538169
–	–	–	C	E	A	–	G	–	29538170
–	–	–	C	F	P	–	N	–	29538171
–	–	–	C	E	A	–	F	–	29538172
–	–	–	C	E	A	–	A	–	29538173
–	–	–	C	E	A	–	F	–	29538174
B	B	B	E	F	A	–	A	–	29538175
B	A	A	E	E	A	–	A	–	29538176
–	–	–	A	E	A	–	B	–	29538177
–	–	–	C	F	P	–	N	–	29538178
B	B	B	E	E	A	–	A	–	29538179
E	D	D	E	E	P	–	N	–	29538181
–	–	–	A	E	A	–	A	–	29538182
–	–	–	B	F	M	–	L	C	29538185
–	–	–	A	F	M	A	L	–	29538186
–	–	–	C	E	P	A	N	–	29538187
–	–	–	A	F	A	A	B	–	29538188
–	–	–	A	F	P	A	N	–	29538189
–	–	–	A	E	A	–	A	–	29538190
B	A	A	E	E	A	–	A	–	29538192
H	–	–	E	E	A	–	A	–	29538193
–	–	–	A	E	P	A	Q	–	29538194
–	–	–	C	F	M	A	L	–	29538196
–	–	–	A	E	M	A	L	C	29538393
–	–	–	A	E	P	–	Q	–	29538394
–	–	–	A	E	P	A	Q	–	29538395

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29538396	M 5610AR	E	C	–	–	A	–	A	P
29538397	S 6610M	–	C	–	–	–	D	A	P
29538399	M 6610AR	–	B	–	–	–	E	A	P
29538402	S 6610M	–	E	–	–	–	N	A	P
29538403	S 6610H	E	C	–	–	A	–	A	N
29538404	M 5610A	E	C	–	–	A	–	A	P
29538405	M 6610A	–	C	–	–	–	N	A	P
29538406	M 6610A	E	K	–	E	A	–	A	P
29538409	S 5610H	–	–	–	E	–	B	A	A
29538411	M 5610A	–	C	–	–	–	B	A	A
29538412	S 5610H	–	–	–	E	–	B	A	A
29538413	S 6610H	–	C	–	–	–	N	A	P
29538414	M 5610A	E	–	K	B	A	–	A	A
29538416	S 6610H	–	C	–	–	–	D	A	P
29538417	M 5610AR	–	D	–	–	–	E	A	P
29538418	S 6610H	–	B	–	–	–	B	A	P
29538419	S 6610HR	–	C	–	–	–	B	A	N
29538420	S 5610A	–	C	–	–	–	E	A	P
29538421	S 5610HR	–	C	–	–	–	C	A	C
29538422	M 6610A	–	E	–	–	–	B	A	P
29539768	S 6610H	–	B	–	–	–	E	A	P
29539769	S 6610H	–	C	–	–	–	B	A	A
29539770	S 6610H	–	C	–	–	–	D	A	A
29539771	M 5610AR	E	K	–	E	A	–	A	P
29539772	S 5610H	–	C	–	–	–	D	A	A
29539773	M 5610A	B	E	–	–	A	–	A	P
29539774	S 6610M	–	E	–	–	–	D	A	P
29539775	M 5610A	–	–	A	A	–	B	A	A
29539788	M 5610AR	–	–	–	G	–	C	A	P
29539789	M 6600AR	B	A	–	–	A	–	A	P
29539790	M 6610A	–	B	–	–	–	B	A	P
29539791	S 6610M	–	E	–	–	–	D	A	P
29541175	M 6600A	B	E	–	–	A	–	A	N
29541176	M 6600A	B	E	–	–	A	–	A	N
29541178	S 5610M	–	D	–	–	–	B	A	P
29541179	M 5610AR	B	D	–	–	A	–	A	A
29541181	S 5610M	–	K	–	E	–	E	A	A
29541182	S 5610M	–	K	–	E	–	B	A	P
29541184	S 6610H	E	E	–	–	A	–	A	N
29541185	S 5610H	–	B	–	–	–	D	A	C

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	H	A	B	B	A	A	A	A	29538396
A	F	A	–	C	F	B	B	A	29538397
A	H	A	B	E	E	B	A	A	29538399
A	F	A	–	C	F	B	B	A	29538402
A	F	A	–	C	F	B	B	A	29538403
A	G	A	–	B	B	A	B	A	29538404
A	G	A	–	E	F	B	B	A	29538405
A	G	A	–	E	F	B	D	A	29538406
A	D	A	–	A	B	A	D	A	29538409
A	E	A	–	B	B	A	B	A	29538411
A	D	A	–	A	B	A	D	A	29538412
A	F	A	–	C	F	B	B	A	29538413
A	E	A	–	B	B	A	D	A	29538414
A	F	A	–	C	F	B	B	A	29538416
A	H	A	B	B	A	A	A	A	29538417
A	F	A	–	C	F	B	B	A	29538418
A	H	A	A	C	E	B	A	A	29538419
A	F	A	–	B	B	A	B	A	29538420
A	A	A	A	A	A	A	A	A	29538421
A	G	A	–	E	F	B	B	A	29538422
A	F	A	–	C	F	B	B	A	29539768
A	D	A	–	C	F	B	B	A	29539769
A	D	A	–	C	F	B	B	A	29539770
A	H	A	B	B	A	A	C	A	29539771
A	D	A	–	A	B	A	B	A	29539772
A	G	A	–	B	B	A	B	A	29539773
A	F	A	–	C	F	B	B	A	29539774
A	E	A	–	B	B	A	D	A	29539775
A	H	A	B	B	A	A	C	A	29539788
A	G	A	–	E	E	B	B	A	29539789
A	G	A	–	E	F	B	B	A	29539790
A	F	A	–	C	F	B	B	A	29539791
A	G	A	–	E	F	B	B	A	29541175
A	G	A	–	E	F	B	B	A	29541176
A	G	A	–	B	B	A	B	A	29541178
A	A	A	B	B	A	A	A	A	29541179
A	D	A	–	A	B	A	D	A	29541181
A	F	A	–	A	B	A	D	–	29541182
A	F	A	–	C	F	B	B	A	29541184
A	D	A	–	A	B	A	B	A	29541185

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29538396	M 5610AR	B	B	A	A	B	A	F	–
29538397	S 6610M	B	B	A	B	B	A	F	–
29538399	M 6610AR	B	B	A	B	B	A	F	–
29538402	S 6610M	B	B	A	B	B	A	F	–
29538403	S 6610H	B	B	A	B	B	A	E	–
29538404	M 5610A	B	B	A	A	B	A	F	–
29538405	M 6610A	B	B	A	B	B	A	F	–
29538406	M 6610A	B	B	D	B	B	A	–	D
29538409	S 5610H	B	B	D	A	B	A	–	J
29538411	M 5610A	B	B	A	A	B	A	F	–
29538412	S 5610H	B	B	D	A	B	A	–	D
29538413	S 6610H	B	B	A	B	B	A	F	–
29538414	M 5610A	B	B	B	A	B	A	–	E
29538416	S 6610H	B	B	A	B	B	A	F	–
29538417	M 5610AR	B	B	A	A	B	A	F	–
29538418	S 6610H	B	B	A	B	B	A	F	–
29538419	S 6610HR	B	B	A	B	B	A	F	–
29538420	S 5610A	B	B	A	A	B	A	F	–
29538421	S 5610HR	B	B	A	A	B	A	F	–
29538422	M 6610A	B	B	A	B	B	A	F	–
29539768	S 6610H	B	B	A	B	B	A	F	–
29539769	S 6610H	B	B	A	B	B	A	F	–
29539770	S 6610H	B	B	A	B	B	A	F	–
29539771	M 5610AR	B	B	D	A	B	A	–	D
29539772	S 5610H	B	B	A	A	B	A	F	–
29539773	M 5610A	B	B	A	A	B	A	F	–
29539774	S 6610M	B	B	A	B	B	A	F	–
29539775	M 5610A	B	B	B	A	B	A	–	J
29539788	M 5610AR	B	B	B	A	B	A	–	B
29539789	M 6600AR	B	B	C	B	B	A	H	–
29539790	M 6610A	B	B	A	B	B	A	F	–
29539791	S 6610M	B	B	A	B	B	A	F	–
29541175	M 6600A	B	B	A	B	B	A	E	–
29541176	M 6600A	B	B	A	B	B	A	E	–
29541178	S 5610M	B	B	A	A	B	A	F	–
29541179	M 5610AR	B	B	A	A	B	A	F	–
29541181	S 5610M	B	B	D	A	B	A	–	L
29541182	S 5610M	B	B	D	A	B	A	–	L
29541184	S 6610H	B	B	A	B	B	A	F	–
29541185	S 5610H	B	B	A	A	B	A	F	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	P	A	Q	C	29538396
–	–	–	C	E	Q	–	F	–	29538397
–	–	–	A	E	P	A	N	–	29538399
–	–	–	C	E	A	–	G	B	29538402
–	–	–	C	E	A	–	A	–	29538403
–	–	–	A	F	P	–	N	–	29538404
–	–	–	C	F	P	–	N	C	29538405
B	B	B	E	F	P	–	N	–	29538406
G	F	F	E	E	A	–	A	–	29538409
–	–	–	A	F	P	–	N	–	29538411
B	B	B	E	E	A	–	A	–	29538412
–	–	–	C	E	A	–	A	–	29538413
E	D	D	E	F	P	–	N	–	29538414
–	–	–	C	E	A	–	A	–	29538416
–	–	–	A	E	P	A	N	–	29538417
–	–	–	C	E	A	–	A	–	29538418
–	–	–	C	E	A	A	A	–	29538419
–	–	–	A	E	P	–	P	–	29538420
–	–	–	A	E	A	A	A	C	29538421
–	–	–	A	E	P	–	N	–	29538422
–	–	–	C	E	A	–	A	–	29539768
–	–	–	C	E	A	–	A	C	29539769
–	–	–	C	E	A	–	A	C	29539770
B	B	B	E	E	P	A	N	–	29539771
–	–	–	A	E	A	–	A	C	29539772
–	–	–	B	F	P	–	N	–	29539773
–	–	–	C	E	N	–	J	–	29539774
A	–	–	E	E	P	–	N	–	29539775
H	–	–	E	E	P	A	N	–	29539788
–	–	–	A	F	M	–	L	–	29539789
–	–	–	B	E	P	–	Q	–	29539790
–	–	–	C	E	A	–	F	–	29539791
–	–	–	C	F	M	–	L	–	29541175
–	–	–	C	F	M	–	L	B	29541176
–	–	–	A	E	Q	–	B	–	29541178
–	–	–	B	F	P	A	N	C	29541179
J	G	G	E	E	A	–	B	–	29541181
J	G	G	E	E	A	–	B	–	29541182
–	–	–	C	F	A	–	A	–	29541184
–	–	–	A	E	A	–	A	–	29541185

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29541202	S 5600H	–	C	–	–	–	B	A	A
29541203	S 5600HR	–	C	–	–	–	B	A	A
29541204	S 5610H	–	C	–	–	–	B	A	A
29541205	S 5610HR	–	C	–	–	–	B	A	A
29541206	M 5610A	–	D	–	–	–	P	A	P
29541225	M 6610A	E	C	–	–	A	–	A	P
29541760	S 6610M	–	E	–	–	–	N	A	P
29541761	S 5610H	–	K	–	E	–	C	A	C
29541762	M 5610A	–	A	–	A	–	D	A	A
29541763	M 6610AR	–	C	–	–	–	E	A	P
29541764	M 6610A	–	B	–	–	–	B	A	P
29541765	S 5610H	–	A	A	A	–	D	A	C
29541767	M 6610AR	E	E	–	–	A	–	A	P
29541768	S 6610M	–	C	–	–	–	D	A	P
29541769	M 5610AR	–	K	–	E	–	D	A	P
29541770	S 6610H	E	E	–	–	A	–	A	N
29541771	M 5610AR	A	B	–	–	A	–	A	P
29541772	M 6610AR	B	D	–	–	A	–	A	P
29541773	M 5610AR	–	C	–	–	–	D	A	P
29541774	S 6610M	–	E	–	–	–	B	A	A
29541775	M 5610A	A	B	–	–	A	–	A	A
29541776	M 5610AR	A	B	–	–	A	–	A	A
29541777	M 5610AR	A	B	–	–	A	–	A	P
29541778	M 6610AR	A	B	–	–	A	–	A	P
29541781	M 5610A	–	A	–	A	–	B	A	A
29541792	M 5610A	E	C	–	–	A	–	A	P
29541793	M 5610A	–	K	–	E	–	D	A	P
29541795	M 5610A	–	K	–	E	–	B	A	A
29541797	S 6610HR	–	B	–	–	–	D	A	P
29541798	M 6610A	–	B	–	–	–	D	A	P
29541801	M 6610AR	–	C	–	–	–	D	A	P
29541802	M 6610A	–	E	–	–	–	E	A	N
29541805	S 6610M	–	E	–	–	–	D	A	P
29541806	S 5610H	–	K	–	E	–	D	A	A
29541807	S 5610HR	–	B	–	–	–	D	A	A
29541808	S 6610M	–	C	–	–	–	B	A	P
29541809	S 6610M	–	C	–	–	–	E	A	P
29541810	S 6610M	–	C	–	–	–	E	A	P
29543439	M 5610A	–	K	–	E	–	D	A	A
29543448	S 5610H	–	–	–	A	–	D	A	A

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	D	A	–	A	B	A	B	A	29541202
A	A	A	A	A	A	A	A	A	29541203
A	D	A	–	A	B	A	B	A	29541204
A	A	A	A	A	A	A	A	A	29541205
A	G	A	–	B	B	A	B	A	29541206
A	G	A	–	E	F	B	B	A	29541225
A	F	A	–	C	F	B	B	A	29541760
A	D	A	–	A	B	A	D	A	29541761
A	E	A	–	B	B	A	D	A	29541762
A	H	A	B	E	E	B	A	A	29541763
A	G	A	–	E	F	B	B	A	29541764
A	D	A	–	A	B	A	D	A	29541765
A	H	A	B	E	E	B	A	A	29541767
A	F	A	–	C	F	B	B	A	29541768
A	H	A	B	B	A	A	C	A	29541769
A	F	A	–	C	F	B	B	A	29541770
A	H	A	B	B	A	A	A	A	29541771
A	H	A	B	E	E	B	A	A	29541772
A	H	A	B	B	A	A	A	A	29541773
A	D	A	–	C	F	B	B	A	29541774
A	E	A	–	B	B	A	B	A	29541775
A	A	A	B	B	A	A	A	A	29541776
A	H	A	B	B	A	A	A	A	29541777
A	H	A	B	E	E	B	A	A	29541778
A	E	A	–	B	B	A	D	A	29541781
A	G	A	–	B	B	A	B	A	29541792
A	G	A	–	B	B	A	D	A	29541793
A	E	A	–	B	B	A	D	A	29541795
A	H	A	A	C	E	B	A	A	29541797
A	G	A	–	E	F	B	B	A	29541798
A	H	A	B	E	E	B	A	A	29541801
A	H	A	B	E	E	B	A	A	29541802
A	F	A	–	C	F	B	B	A	29541805
A	D	A	–	A	B	A	D	A	29541806
A	A	A	A	A	A	A	A	A	29541807
A	F	A	–	C	F	B	B	A	29541808
A	F	A	–	C	F	B	B	A	29541809
A	F	A	–	C	F	B	B	A	29541810
A	E	A	–	B	B	A	D	A	29543439
A	D	A	–	A	B	A	D	A	29543448

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29541202	S 5600H	B	B	A	A	B	A	E	–
29541203	S 5600HR	B	B	A	A	B	A	E	–
29541204	S 5610H	B	B	A	A	B	A	F	–
29541205	S 5610HR	B	B	A	A	B	A	F	–
29541206	M 5610A	B	B	A	A	B	A	F	–
29541225	M 6610A	B	B	A	B	B	A	F	–
29541760	S 6610M	B	B	A	B	B	A	F	–
29541761	S 5610H	B	B	D	A	B	A	–	D
29541762	M 5610A	B	B	D	A	B	A	–	D
29541763	M 6610AR	B	B	A	B	B	A	F	–
29541764	M 6610A	B	B	A	B	B	A	F	–
29541765	S 5610H	B	B	D	A	B	A	–	E
29541767	M 6610AR	B	B	A	B	B	A	F	–
29541768	S 6610M	B	B	A	B	B	A	F	–
29541769	M 5610AR	B	B	D	A	B	A	–	D
29541770	S 6610H	B	B	A	B	B	A	F	–
29541771	M 5610AR	B	B	A	A	B	A	F	–
29541772	M 6610AR	B	B	A	B	B	A	F	–
29541773	M 5610AR	B	B	A	A	B	A	F	–
29541774	S 6610M	B	B	A	B	B	A	F	–
29541775	M 5610A	B	B	A	A	B	A	F	–
29541776	M 5610AR	B	B	A	A	B	A	F	–
29541777	M 5610AR	B	B	A	A	B	A	F	–
29541778	M 6610AR	B	B	A	B	B	A	F	–
29541781	M 5610A	B	B	D	A	B	A	–	D
29541792	M 5610A	B	B	A	A	B	A	F	–
29541793	M 5610A	B	B	D	A	B	A	–	D
29541795	M 5610A	B	B	D	A	B	A	–	D
29541797	S 6610HR	B	B	A	B	B	A	F	–
29541798	M 6610A	B	B	A	B	B	A	F	–
29541801	M 6610AR	B	B	A	B	B	A	F	–
29541802	M 6610A	B	B	A	B	B	A	F	–
29541805	S 6610M	B	B	A	B	B	A	F	–
29541806	S 5610H	B	B	D	A	B	A	–	D
29541807	S 5610HR	B	B	A	A	B	A	F	–
29541808	S 6610M	B	B	A	B	B	A	F	–
29541809	S 6610M	B	B	A	B	B	A	F	–
29541810	S 6610M	B	B	A	B	B	A	F	–
29543439	M 5610A	B	B	D	A	B	A	–	D
29543448	S 5610H	B	B	D	A	B	A	–	J

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	F	A	–	A	–	29541202
–	–	–	A	F	A	A	A	–	29541203
–	–	–	A	F	A	–	A	C	29541204
–	–	–	A	F	A	A	A	C	29541205
–	–	–	A	F	P	–	N	–	29541206
–	–	–	C	F	P	–	N	C	29541225
–	–	–	C	E	A	–	F	–	29541760
B	B	B	E	E	A	–	A	–	29541761
B	B	B	E	E	P	–	N	–	29541762
–	–	–	C	F	P	A	N	–	29541763
–	–	–	C	E	P	–	Q	–	29541764
B	A	A	E	E	A	–	A	–	29541765
–	–	–	A	E	P	A	N	–	29541767
–	–	–	A	E	A	–	G	–	29541768
B	B	B	E	E	P	A	N	–	29541769
–	–	–	C	E	A	–	A	–	29541770
–	–	–	B	F	P	A	N	–	29541771
–	–	–	C	F	P	A	N	C	29541772
–	–	–	A	E	P	A	N	–	29541773
–	–	–	C	E	A	–	C	–	29541774
–	–	–	B	J	P	–	N	–	29541775
–	–	–	B	J	P	A	N	–	29541776
–	–	–	B	J	P	A	N	–	29541777
–	–	–	C	J	P	A	N	–	29541778
B	B	B	E	E	P	–	N	–	29541781
–	–	–	A	F	P	–	N	C	29541792
B	B	B	E	E	P	–	N	–	29541793
B	B	B	E	E	P	–	N	–	29541795
–	–	–	C	E	A	A	A	–	29541797
–	–	–	A	E	P	–	N	–	29541798
–	–	–	B	J	P	A	N	–	29541801
–	–	–	A	E	P	A	N	–	29541802
–	–	–	A	E	A	–	G	–	29541805
B	B	B	E	F	A	–	A	–	29541806
–	–	–	A	E	A	A	A	–	29541807
–	–	–	C	E	A	–	F	–	29541808
–	–	–	C	E	A	–	G	–	29541809
–	–	–	C	E	A	–	F	–	29541810
B	B	B	E	E	P	–	N	–	29543439
G	F	F	E	E	A	–	A	–	29543448

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29544038	M 5610A	–	C	–	–	–	B	A	A
29544039	M 5610A	–	K	–	E	–	B	A	P
29544041	S 5600MR	–	D	–	–	–	C	A	A
29544043	M 5610A	–	C	–	–	–	D	A	A
29544045	M 5610A	–	C	–	–	–	D	A	A
29544046	S 5600MR	A	B	–	–	A	–	A	A
29544047	M 5610A	B	E	–	–	A	–	A	N
29544048	M 5610A	B	E	–	–	A	–	A	P
29544049	M 6610A	B	E	–	–	A	–	A	N
29544050	M 6610AR	B	E	–	–	A	–	A	N
29544054	M 6600A	B	E	–	–	A	–	A	N
29544056	M 6610AR	B	A	–	–	A	–	A	P
29544057	S 5610HR	–	K	K	E	–	D	A	A
29544060	M 6610A	E	C	–	–	A	–	A	P
29544061	M 5610AR	A	B	–	–	A	–	A	A
29544062	M 6610A	–	C	–	–	–	D	A	P
29544071	S 5610M	–	C	–	–	–	B	A	A
29544072	S 6610H	–	C	–	–	–	B	A	P
29544073	S 5610M	–	C	–	–	–	B	A	P
29544076	M 5600A	B	E	–	–	A	–	A	N
29544077	S 5610H	–	C	–	–	–	B	A	P
29544079	S 5610MR	–	B	–	–	–	D	A	A
29544081	M 5610A	–	C	–	–	–	B	A	P
29544082	M 6610A	–	C	–	–	–	N	A	P
29544084	H 5610A	B	E	–	–	A	–	A	P
29544085	H 5610A	A	B	–	–	A	–	A	A
29544086	H 5610AR	A	B	–	–	A	–	A	A
29544087	H 5610AR	A	B	–	–	A	–	A	N
29544088	H 5610AR	E	C	–	–	A	–	A	P
29544089	H 6610A	B	E	–	–	A	–	A	N
29544090	H 6610AR	A	B	–	–	A	–	A	P
29544091	H 6610AR	A	B	–	–	A	–	A	N
29544097	S 5610HR	–	B	–	–	–	B	A	A
29544098	S 5600H	–	C	–	–	–	B	A	A
29544099	S 5610H	–	C	–	–	–	D	A	P
29544232	S 6610M	–	E	–	–	–	D	A	P
29544233	S 6610M	–	C	–	–	–	D	A	P
29545243	H 6610AR	B	A	–	–	A	–	A	P
29545244	H 6610AR	–	C	–	–	–	E	A	P
29545245	H 5610A	B	E	–	–	A	–	A	N

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	E	A	–	B	B	A	B	A	29544038
A	G	A	–	B	B	A	D	A	29544039
A	A	A	A	A	A	A	A	A	29544041
A	E	A	–	B	B	A	B	A	29544043
A	E	A	–	B	B	A	B	A	29544045
A	A	A	A	A	A	A	A	A	29544046
A	G	A	–	B	B	A	B	A	29544047
A	G	A	–	B	B	A	B	A	29544048
A	G	A	–	E	F	B	B	A	29544049
A	H	A	B	E	E	B	A	A	29544050
A	G	A	–	E	F	B	B	A	29544054
A	H	A	B	E	E	B	A	A	29544056
A	A	A	A	A	A	A	C	A	29544057
A	G	A	–	E	F	B	B	A	29544060
A	A	A	B	B	A	A	A	A	29544061
A	G	A	–	E	F	B	B	A	29544062
A	D	A	–	A	B	A	B	A	29544071
A	F	A	–	C	F	B	B	A	29544072
A	F	A	–	A	B	A	B	A	29544073
A	G	A	–	B	B	A	B	A	29544076
A	F	A	–	A	B	A	B	A	29544077
A	A	A	A	A	A	A	A	A	29544079
A	G	A	–	B	B	A	B	A	29544081
A	G	A	–	E	F	B	B	A	29544082
A	G	A	–	B	B	A	B	A	29544084
A	E	A	–	B	B	A	B	A	29544085
A	A	A	B	B	A	A	A	A	29544086
A	H	A	B	B	A	A	A	A	29544087
A	H	A	B	B	A	A	A	A	29544088
A	G	A	–	E	F	B	B	A	29544089
A	H	A	B	E	E	B	A	A	29544090
A	H	A	B	E	E	B	A	A	29544091
A	A	A	A	A	A	A	A	A	29544097
A	D	A	–	A	B	A	B	A	29544098
A	F	A	–	A	B	A	B	A	29544099
A	F	A	–	E	F	B	B	A	29544232
A	F	A	–	E	F	B	B	A	29544233
A	H	A	B	E	E	B	A	A	29545243
A	H	A	B	E	E	B	A	A	29545244
A	G	A	–	B	B	A	B	A	29545245

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29544038	M 5610A	B	B	A	A	B	A	F	–
29544039	M 5610A	B	B	D	A	B	A	–	D
29544041	S 5600MR	B	B	A	A	B	A	E	–
29544043	M 5610A	B	B	A	A	B	A	F	–
29544045	M 5610A	B	B	A	A	B	A	F	–
29544046	S 5600MR	B	B	A	A	B	A	E	–
29544047	M 5610A	B	B	A	A	B	A	F	–
29544048	M 5610A	B	B	A	A	B	A	F	–
29544049	M 6610A	B	B	A	B	B	A	F	–
29544050	M 6610AR	B	B	A	B	B	A	F	–
29544054	M 6600A	B	B	A	B	B	A	E	–
29544056	M 6610AR	B	B	C	B	B	A	H	–
29544057	S 5610HR	B	B	D	A	B	A	–	E
29544060	M 6610A	B	B	A	B	B	A	F	–
29544061	M 5610AR	B	B	A	A	B	A	F	–
29544062	M 6610A	B	B	A	B	B	A	F	–
29544071	S 5610M	B	B	A	A	B	A	F	–
29544072	S 6610H	B	B	A	B	B	A	F	–
29544073	S 5610M	B	B	A	A	B	A	F	–
29544076	M 5600A	B	B	A	A	B	A	E	–
29544077	S 5610H	B	B	A	A	B	A	F	–
29544079	S 5610MR	B	B	A	A	B	A	F	–
29544081	M 5610A	B	B	A	A	B	A	F	–
29544082	M 6610A	B	B	A	B	B	A	F	–
29544084	H 5610A	B	B	A	A	B	A	F	–
29544085	H 5610A	B	B	A	A	B	A	F	–
29544086	H 5610AR	B	B	A	A	B	A	F	–
29544087	H 5610AR	B	B	A	A	B	A	F	–
29544088	H 5610AR	B	B	A	A	B	A	F	–
29544089	H 6610A	B	B	A	B	B	A	F	–
29544090	H 6610AR	B	B	A	B	B	A	F	–
29544091	H 6610AR	B	B	A	B	B	A	F	–
29544097	S 5610HR	B	B	A	A	B	A	F	–
29544098	S 5600H	B	B	A	A	B	A	E	–
29544099	S 5610H	B	B	A	A	B	A	F	–
29544232	S 6610M	B	B	A	B	C	B	F	–
29544233	S 6610M	B	B	A	B	C	B	F	–
29545243	H 6610AR	B	B	C	B	B	A	H	–
29545244	H 6610AR	B	B	A	B	B	A	F	–
29545245	H 5610A	B	B	A	A	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	P	–	N	–	29544038
B	B	B	E	E	P	–	N	–	29544039
–	–	–	A	F	A	A	B	–	29544041
–	–	–	A	E	P	–	N	–	29544043
–	–	–	A	F	P	–	N	C	29544045
–	–	–	A	E	A	A	B	–	29544046
–	–	–	B	F	P	–	N	–	29544047
–	–	–	B	F	P	–	N	–	29544048
–	–	–	C	F	P	–	N	–	29544049
–	–	–	C	F	P	A	N	–	29544050
–	–	–	C	F	M	–	L	–	29544054
–	–	–	A	F	P	A	N	–	29544056
B	A	A	E	E	A	A	A	–	29544057
–	–	–	C	E	P	–	N	–	29544060
–	–	–	B	F	P	A	N	–	29544061
–	–	–	A	E	P	–	N	–	29544062
–	–	–	A	E	A	–	G	–	29544071
–	–	–	C	E	A	–	A	–	29544072
–	–	–	A	E	A	–	G	–	29544073
–	–	–	B	F	M	–	L	B	29544076
–	–	–	A	F	A	–	A	–	29544077
–	–	–	A	E	A	A	F	–	29544079
–	–	–	A	E	P	–	N	–	29544081
–	–	–	C	E	P	–	N	–	29544082
–	–	–	B	F	P	–	N	–	29544084
–	–	–	B	J	P	–	N	–	29544085
–	–	–	B	J	P	A	N	–	29544086
–	–	–	A	E	P	A	Q	–	29544087
–	–	–	A	E	P	A	Q	C	29544088
–	–	–	C	F	P	–	N	–	29544089
–	–	–	C	J	P	A	N	–	29544090
–	–	–	C	E	P	A	N	–	29544091
–	–	–	A	E	A	A	A	–	29544097
–	–	–	A	E	A	–	A	–	29544098
–	–	–	A	E	A	–	A	–	29544099
–	–	–	C	E	N	–	T	–	29544232
–	–	–	C	E	N	–	T	–	29544233
–	–	–	A	F	P	A	N	–	29545243
–	–	–	C	F	P	A	N	–	29545244
–	–	–	B	F	P	–	N	–	29545245

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29545246	H 6610AR	B	E	–	–	A	–	A	N
29545247	S 6610H	–	C	–	–	–	B	A	P
29545249	M 6610A	–	C	–	–	–	B	A	P
29545251	H 5610AR	B	D	–	–	A	–	A	P
29545252	S 6610M	–	C	–	–	–	B	A	A
29545255	M 5610A	–	C	–	–	–	B	A	C
29545256	M 5610AR	–	B	–	–	–	B	A	A
29545257	M 5610AR	–	B	–	–	–	D	A	A
29545258	M 5610AR	–	K	K	E	–	D	A	A
29545259	S 5610H	–	B	–	–	–	D	A	A
29545261	M 6610AR	–	B	–	–	–	D	A	P
29545263	M 6610A	–	E	–	–	–	B	A	A
29545264	H 5610AR	A	B	–	–	A	–	A	P
29545265	M 5610AR	–	A	–	–	–	B	A	A
29545266	M 5610AR	–	A	–	–	–	D	A	A
29545267	S 6610M	–	B	–	–	–	D	A	P
29545269	M 5610A	E	C	–	–	A	–	A	A
29545270	S 6610M	E	C	–	–	A	–	A	P
29545272	S 5610HR	–	B	–	–	–	D	A	P
29545273	M 6610AR	–	B	–	–	–	D	A	A
29545274	S 6610M	–	C	–	–	–	B	A	A
29545275	S 6610H	–	C	–	–	–	B	A	A
29545276	M 6610AR	–	B	–	–	–	D	A	N
29545277	S 6610H	–	E	–	–	–	D	A	N
29545278	S 6610H	–	C	–	–	–	B	A	P
29545280	M 6610A	–	C	–	–	–	D	A	P
29545281	S 6610M	–	C	–	–	–	B	A	P
29545282	S 6610M	–	C	–	–	–	B	A	P
29545283	S 6610M	–	B	–	–	–	D	A	P
29545284	M 5610A	–	K	K	E	–	D	A	A
29545285	M 5610A	–	K	–	E	–	C	A	C
29545289	S 5610M	–	C	–	–	–	B	A	A
29546348	M 5610A	–	A	–	A	–	B	A	P
29546351	S 6610A	–	C	–	–	–	B	A	P
29546352	S 6610A	–	C	–	–	–	B	A	P
29546353	M 5610A	–	–	K	E	–	B	A	A
29546354	S 6610H	–	C	–	–	–	P	A	P
29546355	S 6610M	–	E	–	–	–	D	A	P
29546357	S 6610M	–	C	–	–	–	D	A	P
29546362	S 6610H	–	E	–	–	–	D	A	P

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	H	A	B	E	E	B	A	A	29545246
A	F	A	–	C	F	B	B	A	29545247
A	G	A	–	E	F	B	B	A	29545249
A	H	A	B	B	A	A	A	A	29545251
A	D	A	–	C	F	B	B	A	29545252
A	E	A	–	B	B	A	B	A	29545255
A	A	A	B	B	A	A	A	A	29545256
A	A	A	B	B	A	A	A	A	29545257
A	A	A	B	B	A	A	C	A	29545258
A	D	A	–	A	B	A	B	A	29545259
A	H	A	B	E	E	B	A	A	29545261
A	E	A	–	E	F	B	B	A	29545263
A	H	A	B	B	A	A	A	A	29545264
A	A	A	B	B	A	A	A	A	29545265
A	A	A	B	B	A	A	A	A	29545266
A	F	A	–	C	F	B	B	A	29545267
A	E	A	–	B	B	A	B	A	29545269
A	F	A	–	C	F	B	B	A	29545270
A	H	A	A	A	A	A	A	A	29545272
A	A	A	B	E	E	B	C	A	29545273
A	D	A	–	C	F	B	B	A	29545274
A	D	A	–	C	F	B	B	A	29545275
A	H	A	B	E	E	B	A	A	29545276
A	F	A	–	C	F	B	B	A	29545277
A	F	A	–	C	F	B	B	A	29545278
A	G	A	–	E	F	B	B	A	29545280
A	F	A	–	C	F	B	B	A	29545281
A	F	A	–	C	F	B	B	A	29545282
A	F	A	–	C	F	B	B	A	29545283
A	E	A	–	B	B	A	D	A	29545284
A	E	A	–	B	B	A	D	A	29545285
A	D	A	–	A	B	A	B	A	29545289
A	G	A	–	B	B	A	D	A	29546348
A	G	A	–	E	F	B	B	A	29546351
A	G	A	–	E	F	B	B	A	29546352
A	E	A	–	B	B	A	D	A	29546353
A	F	A	–	C	F	B	B	A	29546354
A	F	A	–	C	F	B	B	A	29546355
A	F	A	–	C	F	B	B	A	29546357
A	F	A	–	C	F	B	B	A	29546362

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29545246	H 6610AR	B	B	A	B	B	A	F	–
29545247	S 6610H	B	B	A	B	B	A	F	–
29545249	M 6610A	B	B	A	B	B	A	F	–
29545251	H 5610AR	B	B	A	A	B	A	F	–
29545252	S 6610M	B	B	A	B	B	A	F	–
29545255	M 5610A	B	B	A	A	B	A	F	–
29545256	M 5610AR	B	B	A	A	B	A	F	–
29545257	M 5610AR	B	B	A	A	B	A	F	–
29545258	M 5610AR	B	B	D	A	B	A	–	E
29545259	S 5610H	B	B	A	A	B	A	F	–
29545261	M 6610AR	B	B	A	B	B	A	F	–
29545263	M 6610A	B	B	A	B	B	A	F	–
29545264	H 5610AR	B	B	A	A	B	A	F	–
29545265	M 5610AR	B	B	C	A	B	A	H	–
29545266	M 5610AR	B	B	C	A	B	A	H	–
29545267	S 6610M	B	B	A	B	B	A	F	–
29545269	M 5610A	B	B	A	A	B	A	F	–
29545270	S 6610M	B	B	A	B	B	A	F	–
29545272	S 5610HR	B	B	A	A	B	A	F	–
29545273	M 6610AR	B	B	D	B	B	A	–	E
29545274	S 6610M	B	B	A	B	B	A	F	–
29545275	S 6610H	B	B	A	B	B	A	F	–
29545276	M 6610AR	B	B	A	B	B	A	F	–
29545277	S 6610H	B	B	A	B	B	A	F	–
29545278	S 6610H	B	B	A	B	B	A	F	–
29545280	M 6610A	B	B	A	B	B	A	F	–
29545281	S 6610M	B	B	A	B	B	A	F	–
29545282	S 6610M	B	B	A	B	B	A	F	–
29545283	S 6610M	B	B	A	B	B	A	F	–
29545284	M 5610A	B	B	D	A	B	A	–	E
29545285	M 5610A	B	B	D	A	B	A	–	D
29545289	S 5610M	B	B	A	A	B	A	F	–
29546348	M 5610A	B	B	D	A	B	A	–	L
29546351	S 6610A	B	B	A	B	B	A	F	–
29546352	S 6610A	B	B	A	B	B	A	F	–
29546353	M 5610A	B	B	B	A	B	A	–	M
29546354	S 6610H	B	B	A	B	B	A	F	–
29546355	S 6610M	B	B	A	B	B	A	F	–
29546357	S 6610M	B	B	A	B	B	A	F	–
29546362	S 6610H	B	B	A	B	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	C	F	P	A	N	–	29545246
–	–	–	C	F	A	–	A	–	29545247
–	–	–	C	F	P	–	N	–	29545249
–	–	–	A	J	P	A	Q	–	29545251
–	–	–	C	E	A	–	G	–	29545252
–	–	–	A	F	P	–	N	–	29545255
–	–	–	A	E	P	A	N	–	29545256
–	–	–	A	E	P	A	N	–	29545257
B	A	A	E	E	P	A	N	–	29545258
–	–	–	A	F	A	–	A	–	29545259
–	–	–	A	E	P	A	N	–	29545261
–	–	–	A	E	P	–	N	–	29545263
–	–	–	B	J	P	A	N	–	29545264
–	–	–	A	E	P	A	N	–	29545265
–	–	–	A	E	P	A	N	–	29545266
–	–	–	C	E	A	–	F	–	29545267
–	–	–	A	F	P	–	N	C	29545269
–	–	–	C	E	A	–	G	–	29545270
–	–	–	A	E	A	A	A	–	29545272
B	A	A	E	E	P	A	N	–	29545273
–	–	–	C	E	A	–	G	C	29545274
–	–	–	C	F	A	–	A	–	29545275
–	–	–	C	E	P	A	N	–	29545276
–	–	–	C	E	A	–	A	–	29545277
–	–	–	C	E	A	–	A	–	29545278
–	–	–	C	J	P	–	N	–	29545280
–	–	–	C	E	A	–	G	–	29545281
–	–	–	C	E	A	–	G	–	29545282
–	–	–	C	E	A	–	G	–	29545283
B	A	A	E	E	P	–	N	–	29545284
B	B	B	E	E	P	–	N	–	29545285
–	–	–	A	E	A	–	B	–	29545289
J	G	G	E	E	P	–	N	–	29546348
–	–	–	C	E	P	–	P	–	29546351
–	–	–	C	E	P	–	P	C	29546352
K	H	H	E	E	P	–	N	–	29546353
–	–	–	C	E	A	–	A	–	29546354
–	–	–	C	E	A	–	G	–	29546355
–	–	–	C	E	A	–	G	–	29546357
–	–	–	C	E	A	–	A	–	29546362

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29546363	M 5610AR	–	A	–	A	–	B	A	A
29546364	H 5610AR	–	–	–	G	–	C	A	P
29546365	M 5610AR	–	A	–	A	–	D	A	A
29546367	H 5610A	E	C	–	–	A	–	A	P
29546368	H 5610A	A	B	–	–	A	–	A	P
29546370	M 6610A	A	C	–	–	A	–	A	P
29546371	M 6610AR	–	B	–	–	–	B	A	P
29546372	M 6610AR	–	B	–	–	–	D	A	P
29546374	S 5610H	–	–	–	E	–	D	A	A
29546377	M 6610A	–	K	–	E	–	B	A	A
29546378	H 6610AR	B	D	–	–	A	–	A	P
29546379	H 6610A	B	D	–	–	A	–	A	P
29546380	S 5610M	–	C	–	–	–	D	A	A
29546381	S 6610M	–	E	–	–	–	N	A	P
29546382	S 6610M	–	C	–	–	–	E	A	P
29546383	M 5610AR	–	K	K	E	–	D	A	P
29546385	H 5610AR	A	B	–	–	A	–	A	P
29546386	S 6610H	–	C	–	–	–	D	A	A
29546387	M 5610A	–	K	–	E	–	P	A	A
29546389	S 6610M	–	C	–	–	–	B	A	A
29546390	M 5610A	–	K	K	E	–	B	A	A
29546391	H 6610A	B	D	–	–	A	–	A	P
29546392	H 6610AR	B	D	–	–	A	–	A	P
29546397	M 5610AR	–	A	A	A	–	B	A	A
29547473	M 5610AR	–	A	A	A	–	D	A	A
29547474	M 5610AR	–	K	–	E	–	B	A	A
29547477	S 5610M	–	C	–	–	–	D	A	A
29547482	M 6610AR	E	C	–	–	A	–	A	P
29547484	M 5610A	–	K	–	E	–	P	A	P
29547485	M 5610A	–	C	–	–	–	P	A	P
29547488	S 6610M	–	E	–	–	–	P	A	P
29547490	S 6610MR	–	C	–	–	–	D	A	P
29547491	M 6610A	–	B	–	–	–	E	A	P
29547492	S 6610M	–	E	–	–	–	D	A	P
29547498	S 6610M	–	E	–	–	–	B	A	P
29547499	S 6610H	–	B	–	–	–	D	A	P
29547501	S 5610M	–	B	–	–	–	B	A	A
29547502	M 5610AR	A	B	–	–	A	–	A	P
29547504	M 6610AR	–	C	–	–	–	E	A	P
29547505	S 6610M	–	E	–	–	–	N	A	P

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	A	A	B	B	A	A	C	A	29546363
A	H	A	B	B	A	A	C	A	29546364
A	A	A	B	B	A	A	C	A	29546365
A	G	A	–	B	B	A	B	A	29546367
A	G	A	–	E	F	B	B	A	29546368
A	G	A	–	E	F	B	B	A	29546370
A	H	A	B	E	E	B	A	A	29546371
A	H	A	B	E	E	B	A	A	29546372
A	D	A	–	A	B	A	D	A	29546374
A	E	A	–	E	F	B	D	A	29546377
A	H	A	B	E	E	B	A	A	29546378
A	G	A	–	E	F	B	B	A	29546379
A	D	A	–	A	B	A	B	A	29546380
A	G	A	–	E	F	B	B	A	29546381
A	F	A	–	C	F	B	B	A	29546382
A	H	A	B	B	A	A	C	A	29546383
A	H	A	B	B	A	A	A	A	29546385
A	D	A	–	C	F	B	B	A	29546386
A	E	A	–	B	B	A	D	A	29546387
A	D	A	–	C	F	B	B	A	29546389
A	E	A	–	B	B	A	D	A	29546390
A	G	A	–	E	F	B	B	A	29546391
A	H	A	B	E	E	B	A	A	29546392
A	A	A	B	B	A	A	C	A	29546397
A	A	A	B	B	A	A	C	A	29547473
A	A	A	B	B	A	A	C	A	29547474
A	D	A	–	A	B	A	B	A	29547477
A	H	A	B	E	E	B	A	A	29547482
A	G	A	–	B	B	A	D	A	29547484
A	G	A	–	B	B	A	B	A	29547485
A	F	A	–	C	F	B	B	A	29547488
A	H	A	A	C	E	B	A	A	29547490
A	G	A	–	E	F	B	B	A	29547491
A	G	A	–	E	F	B	B	A	29547492
A	G	A	–	E	F	B	B	A	29547498
A	F	A	–	C	F	B	B	A	29547499
A	D	A	–	A	B	A	B	A	29547501
A	H	A	B	B	A	A	A	A	29547502
A	H	A	B	E	E	B	A	A	29547504
A	G	A	–	E	F	B	B	–	29547505

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29546363	M 5610AR	B	B	D	A	B	A	–	D
29546364	H 5610AR	B	B	B	A	B	A	–	B
29546365	M 5610AR	B	B	D	A	B	A	–	D
29546367	H 5610A	B	B	A	A	B	A	F	–
29546368	H 5610A	B	B	A	B	B	A	F	–
29546370	M 6610A	B	B	A	B	B	A	F	–
29546371	M 6610AR	B	B	A	B	B	A	F	–
29546372	M 6610AR	B	B	A	B	B	A	F	–
29546374	S 5610H	B	B	D	A	B	A	–	J
29546377	M 6610A	B	B	D	B	B	A	–	D
29546378	H 6610AR	B	B	A	B	B	A	F	–
29546379	H 6610A	B	B	A	B	B	A	F	–
29546380	S 5610M	B	B	A	A	B	A	F	–
29546381	S 6610M	B	B	A	B	B	A	F	–
29546382	S 6610M	B	B	A	B	B	A	F	–
29546383	M 5610AR	B	B	D	A	B	A	–	E
29546385	H 5610AR	B	B	A	A	B	A	F	–
29546386	S 6610H	B	B	A	B	B	A	F	–
29546387	M 5610A	B	B	D	A	B	A	–	D
29546389	S 6610M	B	B	A	B	B	A	F	–
29546390	M 5610A	B	B	D	A	B	A	–	E
29546391	H 6610A	B	B	A	B	B	A	F	–
29546392	H 6610AR	B	B	A	B	B	A	F	–
29546397	M 5610AR	B	B	D	A	B	A	–	E
29547473	M 5610AR	B	B	D	A	B	A	–	E
29547474	M 5610AR	B	B	D	A	B	A	–	D
29547477	S 5610M	B	B	A	A	B	A	F	–
29547482	M 6610AR	B	B	A	B	B	A	F	–
29547484	M 5610A	B	B	D	A	B	A	–	D
29547485	M 5610A	B	B	A	A	B	A	F	–
29547488	S 6610M	B	B	A	B	B	A	F	–
29547490	S 6610MR	B	B	A	B	B	A	F	–
29547491	M 6610A	B	B	A	B	B	A	F	–
29547492	S 6610M	B	B	A	B	B	A	F	–
29547498	S 6610M	B	A/B	–	B	B	A	F	–
29547499	S 6610H	B	B	A	B	B	A	F	–
29547501	S 5610M	B	B	A	A	B	A	F	–
29547502	M 5610AR	B	B	A	A	B	A	F	–
29547504	M 6610AR	B	B	A	B	B	A	F	–
29547505	S 6610M	A/B	B	A	B	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	B	B	E	E	P	A	N	–	29546363
H	–	–	E	E	P	A	N	–	29546364
B	B	B	E	E	P	A	N	–	29546365
–	–	–	A	E	P	–	Q	C	29546367
–	–	–	C	J	P	–	N	–	29546368
–	–	–	C	J	P	–	N	–	29546370
–	–	–	C	E	P	A	N	–	29546371
–	–	–	C	E	P	A	N	–	29546372
G	F	F	E	E	A	–	A	–	29546374
B	B	B	E	E	P	–	N	–	29546377
–	–	–	C	J	P	A	N	C	29546378
–	–	–	C	J	P	–	N	C	29546379
–	–	–	A	E	A	–	G	–	29546380
–	–	–	C	E	N	–	J	–	29546381
–	–	–	C	E	A	–	G	C	29546382
B	A	A	E	E	P	A	N	–	29546383
–	–	–	A	E	P	A	Q	–	29546385
–	–	–	A	E	A	–	A	–	29546386
B	B	B	E	E	P	–	N	–	29546387
–	–	–	C	E	A	–	F	–	29546389
B	A	A	E	E	P	–	N	–	29546390
–	–	–	C	J	P	–	N	–	29546391
–	–	–	C	J	P	A	N	–	29546392
B	A	A	E	E	P	A	N	–	29546397
B	A	A	E	E	P	A	N	–	29547473
B	B	B	E	E	P	A	N	–	29547474
–	–	–	A	E	A	–	F	–	29547477
–	–	–	C	E	P	A	N	–	29547482
B	B	B	E	E	P	–	N	–	29547484
–	–	–	A	E	P	–	N	–	29547485
–	–	–	C	E	A	–	G	–	29547488
–	–	–	C	E	A	A	F	–	29547490
–	–	–	C	E	P	–	N	–	29547491
–	–	–	C	E	N	–	J	–	29547492
–	–	–	C	F	N	–	J	–	29547498
–	–	–	C	F	A	–	A	–	29547499
–	–	–	A	F	A	–	F	–	29547501
–	–	–	A	E	P	A	N	–	29547502
–	–	–	C	J	P	A	N	–	29547504
–	–	–	C	E	N	–	J	B	29547505

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29547508	M 6610AR	–	B	–	–	–	B	A	P
29547509	M 6610AR	A	B	–	–	A	–	A	P
29547510	M 6610A	–	K	–	E	–	B	A	P
29547515	S 6610M	–	C	–	–	–	P	A	P
29547516	H 6610AR	–	C	–	–	–	E	A	P
29547517	H 6610AR	E	C	–	–	A	–	A	P
29547519	S 5610HR	A	B	–	–	A	–	A	P
29549416	S 6610M	–	E	–	–	–	D	A	P
29549419	H 5610AR	A	B	–	–	A	–	A	A
29549420	H 6610AR	E	C	–	–	A	–	A	P
29549422	M 5610A	–	–	A	E	–	D	A	A
29549423	S 5610M	–	C	–	–	–	B	A	A
29549427	H 6610AR	A	–	–	E	A	–	A	P
29549428	M 6610AR	E	C	–	–	A	–	A	P
29549430	M 5610A	E	–	K	B	A	–	A	A
29549431	M 5610A	E	–	K	B	A	–	A	A
29549439	S 5610H	–	E	–	–	–	D	A	P
29549441	M 5610AR	–	K	–	E	–	B	A	A
29549442	S 6610H	E	C	–	–	–	D	A	P
29549444	S 6610M	–	C	–	–	–	N	A	P
29549445	S 6610H	–	B	–	–	–	D	A	P
29549446	H 5610AR	A	B	–	–	A	–	A	P
29549448	M 6610A	–	C	–	–	–	B	A	P
29549449	H 6610A	–	C	–	–	–	D	A	P
29549451	S 6610A	–	B	–	–	–	E	A	P
29549452	S 5610A	–	C	–	–	–	E	A	P
29549453	S 6610A	–	C	–	–	–	B	A	P
29549454	S 6610A	–	C	–	–	–	B	A	P
29549455	S 6610A	–	B	–	–	–	E	A	P
29549458	M 6610A	B	E	–	–	A	–	A	N
29549460	H 6610A	E	C	–	–	A	–	A	P
29549461	M 5610A	E	–	K	–	A	–	A	P
29549462	S 6610M	–	C	–	–	–	D	A	P
29549463	S 6610M	–	C	–	–	–	D	A	P
29549465	S 6610A	–	E	–	–	–	D	A	P
29549795	H 5610AR	A	B	–	–	A	–	A	P
29549796	H 6610AR	A	B	–	–	A	–	A	N
29549797	M 5610AR	–	C	–	–	–	B	A	A
29549798	M 5610AR	–	–	K	B	–	B	A	P
29549800	H 5610A	A	B	–	–	A	–	A	P

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	H	A	B	E	E	B	A	A	29547508
A	H	A	B	E	E	B	A	A	29547509
A	G	A	–	E	F	B	D	A	29547510
A	F	A	–	C	F	B	B	A	29547515
A	H	A	B	E	E	B	A	A	29547516
A	H	A	B	E	E	B	A	A	29547517
A	H	A	A	A	A	A	A	A	29547519
A	F	A	–	C	F	B	B	A	29549416
A	A	A	B	B	A	A	A	A	29549419
A	H	A	B	E	E	B	A	A	29549420
A	E	A	–	B	B	A	D	A	29549422
A	D	A	–	A	B	A	B	A	29549423
A	H	A	B	E	E	B	C	A	29549427
A	H	A	B	E	E	B	A	A	29549428
A	E	A	–	B	B	A	D	A	29549430
A	E	A	–	B	B	A	D	A	29549431
A	F	A	–	A	B	A	B	A	29549439
A	A	A	B	B	A	A	C	A	29549441
A	H	A	B	E	E	B	A	A	29549442
A	F	A	–	C	F	B	B	A	29549444
A	F	A	–	C	F	B	B	A	29549445
A	H	A	B	B	A	A	A	A	29549446
A	G	A	–	E	F	B	B	A	29549448
A	G	A	–	E	F	B	B	A	29549449
A	G	A	–	E	F	B	B	A	29549451
A	F	A	–	B	B	A	B	A	29549452
A	G	A	–	E	F	B	B	A	29549453
A	G	A	–	E	F	B	B	A	29549454
A	G	A	–	E	F	B	B	A	29549455
A	G	A	–	E	F	B	B	A	29549458
A	G	A	B	E	F	B	B	A	29549460
A	G	A	–	B	B	A	D	A	29549461
A	F	A	–	E	F	B	B	A	29549462
A	F	A	–	C	F	B	B	A	29549463
A	F	A	–	E	F	B	B	A	29549465
A	J	A	A	B	A	A	E	A	29549795
A	J	A	A	E	E	B	E	A	29549796
A	A	A	B	B	A	A	A	A	29549797
A	F	A	–	B	B	A	D	A	29549798
A	F	A	–	B	B	A	B	A	29549800

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29547508	M 6610AR	B	B	A	B	B	A	F	–
29547509	M 6610AR	B	B	A	B	B	A	F	–
29547510	M 6610A	B	B	D	B	B	A	–	D
29547515	S 6610M	B	B	A	B	B	A	F	–
29547516	H 6610AR	B	B	A	B	B	A	F	–
29547517	H 6610AR	B	B	A	B	B	A	F	–
29547519	S 5610HR	B	B	A	A	B	A	F	–
29549416	S 6610M	B	B	A	B	B	A	F	–
29549419	H 5610AR	B	B	A	A	B	A	F	–
29549420	H 6610AR	B	B	A	B	B	A	F	–
29549422	M 5610A	B	B	D	A	B	A	–	J
29549423	S 5610M	B	B	A	A	B	A	F	–
29549427	H 6610AR	B	B	D	B	B	A	–	J
29549428	M 6610AR	B	B	A	B	B	A	F	–
29549430	M 5610A	B	B	B	A	B	A	–	B
29549431	M 5610A	B	B	B	A	B	A	–	B
29549439	S 5610H	B	B	A	A	B	A	F	–
29549441	M 5610AR	B	B	D	A	B	A	–	D
29549442	S 6610H	B	B	A	B	B	A	F	–
29549444	S 6610M	B	B	A	B	B	A	F	–
29549445	S 6610H	B	B	C	B	B	A	H	–
29549446	H 5610AR	B	B	A	A	B	A	F	–
29549448	M 6610A	B	B	A	B	B	A	F	–
29549449	H 6610A	B	B	A	B	B	A	F	–
29549451	S 6610A	B	B	A	B	B	A	F	–
29549452	S 5610A	B	B	A	A	B	A	F	–
29549453	S 6610A	B	B	A	B	B	A	F	–
29549454	S 6610A	B	B	A	B	B	A	F	–
29549455	S 6610A	B	B	A	B	B	A	F	–
29549458	M 6610A	B	B	A	B	B	A	F	–
29549460	H 6610A	B	B	A	B	B	A	F	–
29549461	M 5610A	B	B	B	A	B	A	–	N
29549462	S 6610M	B	B	A	B	B	A	F	–
29549463	S 6610M	B	B	A	B	B	A	F	–
29549465	S 6610A	B	B	A	B	B	A	F	–
29549795	H 5610AR	B	B	A	A	B	A	F	–
29549796	H 6610AR	B	B	A	B	B	A	F	–
29549797	M 5610AR	B	B	A	A	B	A	F	–
29549798	M 5610AR	B	B	B	A	B	A	–	J
29549800	H 5610A	B	B	A	A	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	P	A	N	–	29547508
–	–	–	–	–	–	–	N	–	29547509
B	B	B	E	E	P	–	S	–	29547510
–	–	–	C	E	A	–	G	–	29547515
–	–	–	C	J	P	A	S	–	29547516
–	–	–	C	E	P	A	N	–	29547517
–	–	–	A	E	A	A	A	–	29547519
–	–	–	C	E	A	–	G	B	29549416
–	–	–	A	E	P	A	N	–	29549419
–	–	–	C	J	P	A	N	–	29549420
G	F	F	E	E	P	–	N	–	29549422
–	–	–	A	E	A	–	F	–	29549423
G	F	F	E	J	P	A	N	–	29549427
–	–	–	C	J	P	A	N	–	29549428
A	D	D	E	E	P	–	N	C	29549430
A	D	D	E	E	P	–	N	C	29549431
–	–	–	A	E	A	–	A	B	29549439
B	B	B	E	E	P	A	N	–	29549441
–	–	–	C	E	P	A	N	–	29549442
–	–	–	C	E	A	–	F	–	29549444
–	–	–	A	E	A	–	A	–	29549445
–	–	–	A	J	P	A	N	–	29549446
–	–	–	A	F	P	–	N	C	29549448
–	–	–	C	J	P	–	N	–	29549449
–	–	–	C	J	P	–	P	–	29549451
–	–	–	A	E	P	–	P	–	29549452
–	–	–	C	E	P	–	P	C	29549453
–	–	–	C	E	P	–	P	–	29549454
–	–	–	C	J	P	–	P	–	29549455
–	–	–	C	F	P	–	N	–	29549458
–	–	–	C	J	P	–	N	–	29549460
L	F	F	E	E	P	–	N	–	29549461
–	–	–	C	E	N	–	J	–	29549462
–	–	–	C	E	A	–	B	–	29549463
–	–	–	C	E	P	–	R	–	29549465
–	–	–	A	E	P	A	Q	–	29549795
–	–	–	C	E	P	A	N	–	29549796
–	–	–	A	E	P	A	N	–	29549797
A	–	–	E	E	P	–	N	–	29549798
–	–	–	A	E	P	–	Q	–	29549800

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29549801	H 5610A	–	B	–	–	–	B	A	P
29549802	H 6610AR	A	B	–	–	A	–	A	N
29549803	H 6610A	–	B	–	–	–	N	A	N
29549804	S 5610M	–	E	–	–	–	D	A	P
29549806	H 6610AR	A	A	–	–	A	–	A	P
29549807	M 6610A	–	C	–	–	–	P	A	P
29549808	S 5610A	–	E	–	–	–	D	A	P
29549810	S 6610M	–	C	–	–	–	D	A	P
29549811	S 6610M	–	E	–	–	–	D	A	P
29549812	S 6610M	–	E	–	–	–	D	A	P
29549813	S 6610M	–	C	–	–	–	D	A	P
29549816	H 5610AR	G	L	–	–	–	–	A	A
29549817	H 6610AR	H	M	–	–	–	–	A	P
29549819	S 5610H	–	B	–	–	–	B	A	A
29549821	S 6610A	–	E	–	–	–	D	A	P
29549822	S 5610H	–	C	–	–	–	B	A	A
29549823	H 6620AR	A	B	–	–	A	–	E	R
29549824	H 5620AR	A	B	–	–	A	–	E	S
29549825	S 6620M	–	C	–	–	–	N	E	R
29549826	H 6620AR	B	A	–	–	A	–	E	R
29549827	H 5620A	B	E	–	–	A	–	E	R
29549828	H 6620A	B	E	–	–	A	–	E	Q
29549829	H 5610AR	B	D	–	–	A	–	A	P
29549830	S 6610M	–	E	–	–	–	E	A	P
29549831	S 6610M	–	C	–	–	–	E	A	P
29549834	M 6610A	–	A	–	–	–	B	A	P
29549835	H 6620AR	–	C	–	–	–	E	E	R
29549838	S 6620M	–	B	–	–	–	D	E	R
29549840	S 6620M	–	E	–	–	–	D	E	R
29549843	S 6620H	–	B	–	–	–	D	E	R
29549844	M 5610AR	–	C	–	–	–	D	A	A
29549849	S 6620M	–	C	–	–	–	D	E	R
29549851	H 6620A	A	B	–	–	A	–	A	Q
29549852	H 6620AR	A	B	–	–	A	–	A	Q
29549853	S 5620H	–	C	–	–	–	B	E	S
29549855	S 6620H	–	C	–	–	–	D	E	R
29549856	H 5620A	A	B	–	–	A	–	A	R
29549857	H 5620AR	A	B	–	–	A	–	A	R
29549858	S 6620H	E	C	–	–	A	–	E	S
29549859	H 6620AR	–	C	–	–	–	E	E	R

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	F	A	–	B	B	A	B	A	29549801
A	F	A	–	E	E	B	B	A	29549802
A	F	A	–	E	F	B	B	A	29549803
A	F	A	–	A	A	A	B	A	29549804
A	H	A	A	E	E	B	A	A	29549806
A	G	A	–	E	F	B	B	A	29549807
A	F	A	–	B	B	A	B	A	29549808
A	F	A	–	E	F	B	B	A	29549810
A	F	A	–	E	F	B	B	A	29549811
A	F	A	–	E	F	B	B	A	29549812
A	F	A	–	E	F	B	B	A	29549813
A	A	A	A	B	A	A	A	A	29549816
A	H	A	A	E	E	B	A	A	29549817
A	D	A	–	A	A	A	B	A	29549819
A	F	A	–	E	F	B	B	A	29549821
A	D	A	–	A	B	A	B	A	29549822
A	L	A	B	E	E	B	A	A	29549823
A	M	A	B	B	A	A	A	A	29549824
A	K	A	–	C	F	B	B	A	29549825
A	L	A	B	E	E	B	A	A	29549826
A	K	A	–	B	B	A	B	A	29549827
A	K	A	–	E	F	B	B	A	29549828
A	H	A	B	B	A	A	A	A	29549829
A	F	A	–	C	F	B	B	A	29549830
A	F	A	–	C	F	B	B	A	29549831
A	G	A	–	E	F	B	B	A	29549834
A	L	A	B	E	E	B	A	A	29549835
A	K	A	–	C	F	B	B	A	29549838
A	K	A	–	E	F	B	B	A	29549840
A	K	A	–	C	F	B	B	A	29549843
A	A	A	B	B	A	A	A	A	29549844
A	K	A	–	C	F	B	B	A	29549849
A	K	A	–	E	E	B	B	A	29549851
A	M	A	B	E	E	B	E	A	29549852
A	N	A	–	A	B	A	B	A	29549853
A	K	A	–	C	B	B	B	A	29549855
A	K	A	–	B	B	A	B	A	29549856
A	M	A	A	B	A	A	E	A	29549857
A	H	A	B	E	E	B	A	A	29549858
A	L	A	B	E	E	B	A	A	29549859

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29549801	H 5610A	B	B	A	A	B	A	F	–
29549802	H 6610AR	B	B	A	B	B	A	F	–
29549803	H 6610A	B	B	A	B	B	A	F	–
29549804	S 5610M	B	B	A	A	B	A	F	–
29549806	H 6610AR	B	B	C	B	B	A	H	–
29549807	M 6610A	B	B	A	B	B	A	F	–
29549808	S 5610A	B	B	A	A	B	A	F	–
29549810	S 6610M	B	B	A	B	B	A	F	–
29549811	S 6610M	B	B	A	B	B	A	F	–
29549812	S 6610M	B	B	A	B	C	B	F	–
29549813	S 6610M	B	B	A	B	C	B	F	–
29549816	H 5610AR	B	B	A	A	B	A	F	–
29549817	H 6610AR	B	B	A	B	B	A	F	–
29549819	S 5610H	B	B	A	A	B	A	F	–
29549821	S 6610A	B	B	A	B	C	B	F	–
29549822	S 5610H	B	B	A	A	B	A	F	–
29549823	H 6620AR	B	B	A	B	B	A	F	–
29549824	H 5620AR	B	B	A	A	B	A	F	–
29549825	S 6620M	B	B	A	B	B	A	F	–
29549826	H 6620AR	B	B	C	B	B	A	H	–
29549827	H 5620A	B	B	A	A	B	A	F	–
29549828	H 6620A	B	B	A	B	B	A	F	–
29549829	H 5610AR	B	B	A	A	B	A	F	–
29549830	S 6610M	B	B	A	B	B	A	F	–
29549831	S 6610M	B	B	A	B	B	A	F	–
29549834	M 6610A	B	B	C	B	B	A	H	–
29549835	H 6620AR	B	B	A	B	B	A	F	–
29549838	S 6620M	B	B	A	B	B	A	F	–
29549840	S 6620M	B	B	A	B	C	B	F	–
29549843	S 6620H	B	B	A	B	B	A	F	–
29549844	M 5610AR	B	B	A	A	B	A	F	–
29549849	S 6620M	B	B	A	B	B	A	F	–
29549851	H 6620A	B	B	A	B	B	A	F	–
29549852	H 6620AR	B	B	A	B	B	A	F	–
29549853	S 5620H	B	B	A	A	B	A	F	–
29549855	S 6620H	B	B	A	B	B	A	F	–
29549856	H 5620A	B	B	A	A	B	A	F	–
29549857	H 5620AR	B	B	A	A	B	A	F	–
29549858	S 6620H	B	B	A	B	B	A	F	–
29549859	H 6620AR	B	B	A	B	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	P	–	Q	–	29549801
–	–	–	C	E	P	–	N	–	29549802
–	–	–	C	E	P	–	N	–	29549803
–	–	–	A	E	A	–	G	B	29549804
–	–	–	A	J	P	A	N	–	29549806
–	–	–	B	E	P	–	N	–	29549807
–	–	–	A	E	P	–	P	B	29549808
–	–	–	C	E	R	–	S	–	29549810
–	–	–	C	E	R	–	S	–	29549811
–	–	–	C	E	R	–	T	–	29549812
–	–	–	C	E	R	–	T	–	29549813
–	–	–	B	J	P	A	N	–	29549816
–	–	–	C	J	P	A	N	–	29549817
–	–	–	A	E	A	–	A	–	29549819
–	–	–	C	E	S	–	U	–	29549821
–	–	–	A	E	A	–	A	–	29549822
–	–	–	C	J	P	A	N	–	29549823
–	–	–	B	J	P	A	N	–	29549824
–	–	–	C	E	A	–	F	–	29549825
–	–	–	A	F	P	A	N	–	29549826
–	–	–	B	F	P	–	N	–	29549827
–	–	–	C	F	P	–	N	–	29549828
–	–	–	A	J	P	A	Q	C	29549829
–	–	–	C	E	A	–	G	–	29549830
–	–	–	C	E	A	–	B	–	29549831
–	–	–	A	E	P	–	N	–	29549834
–	–	–	C	J	P	A	S	–	29549835
–	–	–	C	E	A	–	F	–	29549838
–	–	–	C	E	R	–	T	–	29549840
–	–	–	C	E	A	–	A	–	29549843
–	–	–	A	E	P	A	N	–	29549844
–	–	–	C	E	A	–	F	–	29549849
–	–	–	C	E	P	–	N	–	29549851
–	–	–	C	E	P	A	N	–	29549852
–	–	–	A	E	A	–	A	C	29549853
–	–	–	C	E	A	–	A	–	29549855
–	–	–	A	E	P	–	Q	–	29549856
–	–	–	A	E	P	A	Q	–	29549857
–	–	–	C	E	P	A	N	–	29549858
–	–	–	C	J	P	A	S	–	29549859

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29549860	M 5620A	–	K	E	–	–	B	E	S
29549861	H 5620AR	E	C	–	–	A	–	E	R
29549862	H 6620AR	B	D	–	–	A	–	E	R
29549863	H 6620A	B	D	–	–	A	–	E	R
29549864	M 5620AR	–	K	E	–	–	D	E	S
29549866	S 6620H	–	C	–	–	–	B	E	R
29549867	S 6620H	E	C	–	–	A	–	E	S
29549868	S 6620M	–	B	–	–	–	E	E	R
29549869	S 6620H	–	C	–	–	–	N	E	R
29549870	S 6620M	E	C	–	–	A	–	E	R
29549871	S 6620M	–	C	–	–	–	E	E	R
29549872	M 6620A	–	B	–	–	–	E	E	R
29549873	S 6620H	–	C	–	–	–	P	E	R
29549874	S 6620M	–	B	–	–	–	E	E	R
29549875	S 6620M	–	E	–	–	–	D	E	R
29549876	S 5620M	–	E	–	–	–	D	E	R
29549877	S 6620A	–	E	–	–	–	D	E	R
29549878	H 6620AR	A	B	–	–	A	–	A	R
29549879	H 5620AR	A	B	–	–	A	–	E	R
29549880	S 5620H	–	C	–	–	–	D	E	S
29549881	S 5620H	–	B	–	–	–	D	E	S
29549882	M 5620AR	–	K	E	–	–	B	E	S
29549883	M 5620AR	–	C	–	–	–	D	E	S
29549884	M 6620AR	–	C	–	–	–	D	E	R
29549885	S 6620M	–	C	–	–	–	B	E	R
29549886	M 5620A	–	C	–	–	–	B	E	S
29549887	M 5620A	–	C	–	–	–	D	E	S
29549888	M 5620A	–	C	–	–	–	D	E	S
29552390	S 5620H	–	C	–	–	–	B	E	R
29552391	M 5620AR	–	B	–	–	–	D	E	S
29552392	M 6620AR	–	B	–	–	–	D	E	R
29552393	S 6620M	–	C	–	–	–	P	E	R
29552394	S 6620A	–	E	–	–	–	E	E	R
29552395	S 6620H	–	E	–	–	–	D	E	Q
29552397	M 6620AR	–	C	–	–	–	P	E	S
29552398	H 6620AR	E	C	–	–	A	–	E	R
29552399	S 6620M	–	E	–	–	–	N	E	R
29552400	H 6620A	E	C	–	–	A	–	A	R
29552401	S 6620M	–	E	–	–	–	N	E	R
29552402	M 6620AR	–	B	–	–	–	D	E	Q

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	N	A	–	B	B	A	D	A	29549860
A	L	A	B	B	A	A	E	A	29549861
A	L	A	B	E	A	B	E	A	29549862
A	K	A	–	E	B	B	B	A	29549863
A	M	A	B	B	B	A	C	A	29549864
A	K	A	–	C	B	B	B	A	29549866
A	H	A	B	E	E	B	A	A	29549867
A	K	A	–	C	F	B	B	A	29549868
A	K	A	–	C	F	B	B	A	29549869
A	K	A	–	C	F	B	B	A	29549870
A	F	A	–	C	F	B	B	A	29549871
A	K	A	–	E	F	B	B	A	29549872
A	K	A	–	C	F	B	B	A	29549873
A	F	A	–	C	F	B	B	A	29549874
A	K	A	–	C	F	B	B	A	29549875
A	K	A	–	A	B	A	B	A	29549876
A	K	A	–	E	F	B	B	A	29549877
A	L	A	B	E	E	B	E	A	29549878
A	L	A	B	B	A	A	E	A	29549879
B	N	A	–	A	B	A	B	A	29549880
A	D	A	–	A	B	A	B	A	29549881
A	M	A	B	B	B	A	C	A	29549882
A	M	A	B	B	A	A	A	A	29549883
A	L	A	B	E	E	B	A	A	29549884
A	K	A	–	C	F	B	B	A	29549885
A	N	A	–	B	B	A	B	A	29549886
A	N	A	–	B	B	A	B	A	29549887
A	N	A	–	B	B	A	B	A	29549888
A	K	A	–	A	B	A	B	A	29552390
A	M	A	B	B	A	A	A	A	29552391
A	L	A	B	E	E	B	A	A	29552392
A	K	A	–	C	F	B	B	A	29552393
A	K	A	–	E	F	B	B	A	29552394
A	K	A	–	C	F	B	B	A	29552395
A	M	A	B	E	E	B	A	A	29552397
A	L	A	B	E	E	B	E	A	29552398
A	K	A	–	C	B	B	B	A	29552399
A	K	A	–	E	E	B	B	A	29552400
A	K	A	–	E	F	B	B	A	29552401
A	L	A	B	E	E	B	E	A	29552402

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29549860	M 5620A	B	B	D	A	B	A	–	D
29549861	H 5620AR	B	B	A	A	B	A	F	–
29549862	H 6620AR	B	B	A	B	B	A	F	–
29549863	H 6620A	B	B	A	B	B	A	F	–
29549864	M 5620AR	B	B	D	A	B	A	–	D
29549866	S 6620H	B	B	A	B	B	A	F	–
29549867	S 6620H	B	B	A	B	B	A	F	–
29549868	S 6620M	B	B	A	B	B	A	F	–
29549869	S 6620H	B	B	A	B	B	A	F	–
29549870	S 6620M	B	B	A	B	B	A	F	–
29549871	S 6620M	B	B	A	B	B	A	F	–
29549872	M 6620A	B	B	A	B	B	A	F	–
29549873	S 6620H	B	B	A	B	B	A	F	–
29549874	S 6620M	B	B	A	B	B	B	F	–
29549875	S 6620M	B	B	A	B	B	A	F	–
29549876	S 5620M	B	B	A	A	B	A	F	–
29549877	S 6620A	B	B	A	B	C	B	F	–
29549878	H 6620AR	B	B	A	B	B	A	F	–
29549879	H 5620AR	B	B	A	A	B	A	F	–
29549880	S 5620H	B	B	A	A	B	A	F	–
29549881	S 5620H	B	B	A	A	B	A	F	–
29549882	M 5620AR	B	B	D	A	B	A	–	D
29549883	M 5620AR	B	B	A	A	B	A	F	–
29549884	M 6620AR	B	B	A	B	B	A	F	–
29549885	S 6620M	B	B	A	B	B	A	F	–
29549886	M 5620A	B	B	A	A	B	A	F	–
29549887	M 5620A	B	B	A	A	B	A	F	–
29549888	M 5620A	B	B	A	A	B	A	F	–
29552390	S 5620H	B	B	A	A	B	A	F	–
29552391	M 5620AR	B	B	A	A	B	A	F	–
29552392	M 6620AR	B	B	A	B	B	A	F	–
29552393	S 6620M	B	B	A	B	B	A	F	–
29552394	S 6620A	B	B	A	B	C	B	F	–
29552395	S 6620H	B	B	A	B	B	A	F	–
29552397	M 6620AR	B	B	A	B	B	A	F	–
29552398	H 6620AR	B	B	A	B	B	A	F	–
29552399	S 6620M	B	B	A	B	B	A	F	–
29552400	H 6620A	B	B	A	B	B	A	F	–
29552401	S 6620M	B	B	A	B	B	A	F	–
29552402	M 6620AR	B	B	A	B	B	A	F	–

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Sections 32–40 are not assembly number specific. See the appropriate section for part information.

Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
B	B	B	E	E	P	–	N	–	29549860
–	–	–	A	E	P	A	Q	C	29549861
–	–	–	C	J	P	A	N	–	29549862
–	–	–	C	J	P	–	N	–	29549863
B	B	B	E	E	P	A	N	–	29549864
–	–	–	C	E	A	–	A	–	29549866
–	–	–	C	E	P	A	N	C	29549867
–	–	–	C	E	A	–	F	–	29549868
–	–	–	C	E	A	–	A	–	29549869
–	–	–	C	E	A	–	G	–	29549870
–	–	–	C	E	A	–	G	–	29549871
–	–	–	C	E	P	–	N	–	29549872
–	–	–	C	E	A	–	A	–	29549873
–	–	–	C	E	A	–	V	–	29549874
–	–	–	C	E	A	–	F	–	29549875
–	–	–	A	E	A	–	F	–	29549876
–	–	–	C	E	S	–	U	–	29549877
–	–	–	C	J	P	A	N	–	29549878
–	–	–	B	J	P	A	N	–	29549879
–	–	–	A	E	A	–	A	–	29549880
–	–	–	A	E	A	–	A	–	29549881
B	B	B	E	E	P	A	N	–	29549882
–	–	–	A	E	P	A	N	–	29549883
–	–	–	B	J	P	A	N	–	29549884
–	–	–	C	E	A	–	F	–	29549885
–	–	–	A	E	P	–	N	–	29549886
–	–	–	A	E	P	–	N	–	29549887
–	–	–	A	F	P	–	N	C	29549888
–	–	–	A	F	A	–	A	–	29552390
–	–	–	A	E	P	A	N	–	29552391
–	–	–	C	E	P	A	N	–	29552392
–	–	–	C	E	A	–	G	–	29552393
–	–	–	C	E	S	–	U	–	29552394
–	–	–	C	E	A	–	A	–	29552395
–	–	–	C	E	P	A	N	–	29552397
–	–	–	C	J	P	A	N	–	29552398
–	–	–	C	E	A	–	G	B	29552399
–	–	–	C	F	P	–	N	–	29552400
–	–	–	C	E	N	–	J	–	29552401
–	–	–	C	E	P	A	N	–	29552402

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29552403	M 5620AR	–	B	–	–	–	B	E	S
29552405	S 6620H	–	C	–	–	–	B	E	S
29552406	S 6620A	–	C	–	–	–	D	E	R
29552407	M 6620A	E	K	K	E	A	–	E	S
29552409	M 6620AR	–	B	–	–	–	B	E	R
29552410	S 6620M	–	E	–	–	–	N	E	R
29552411	M 5620A	–	K	–	E	–	C	E	T
29552412	M 6620AR	–	C	–	–	–	D	E	Q
29552413	M 5620A	–	K	–	E	–	P	E	R
29552415	H 5620AR	A	B	–	–	A	–	E	R
29552416	S 6620M	–	C	–	–	–	P	E	R
29552417	M 5620AR	–	A	–	A	–	B	E	S
29552418	H 6620AR	A	A	–	–	A	–	E	R
29552419	M 6620A	–	B	–	–	–	D	E	R
29552420	H 6620AR	A	B	–	–	A	–	E	Q
29552421	M 5620AR	B	D	–	–	A	–	E	S
29552423	S 5620M	–	C	–	–	–	B	E	S
29552424	H 5620AR	A	B	–	–	A	–	E	R
29552425	S 6620M	–	B	–	–	–	D	E	R
29552429	S 6620A	–	C	–	–	–	D	E	R
29552430	M 6620AR	–	C	–	–	–	D	E	R
29552431	S 6620M	–	C	–	–	–	B	E	R
29552432	S 5620H	–	C	–	–	–	B	E	S
29552433	S 5620AR	–	C	–	–	–	D	E	R
29552434	M 5620AR	E	C	–	–	A	–	E	S
29552435	M 5620AR	–	K	–	E	–	D	E	R
29552436	S 6620H	E	E	–	–	A	–	E	Q
29552437	S 6620M	–	C	–	–	–	D	E	R
29552438	S 6620H	–	B	–	–	–	D	E	R
29552786	M 6620A	–	B	–	–	–	D	E	R
29552787	S 5620AR	–	D	–	–	–	M	E	Q
29552788	S 6620M	–	B	–	–	–	N	E	R
29552789	S 6620A	–	B	–	–	–	D	E	R
29552790	S 5620H	–	C	–	–	–	C	E	T
29552793	H 5620AR	G	L	–	–	A	–	E	S
29552794	H 5620AR	G	L	–	–	A	–	E	R
29552795	H 6620AR	H	M	–	–	A	–	E	R
29552796	S 5620M	–	D	–	–	–	B	E	R
29552797	S 6620M	–	C	–	–	–	D	E	R
29552798	S 6620A	–	B	–	–	–	E	E	R

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	M	A	B	B	A	A	E	A	29552403
A	N	A	–	C	B	B	B	A	29552405
A	K	A	–	E	F	B	B	A	29552406
A	N	A	–	E	F	B	D	A	29552407
A	L	A	B	E	E	B	A	A	29552409
A	K	A	–	C	B	B	B	A	29552410
A	N	A	–	B	B	A	D	A	29552411
A	L	A	B	E	E	B	E	A	29552412
B	N	A	–	B	B	A	D	A	29552413
A	L	A	B	B	A	A	E	A	29552415
A	K	A	–	C	F	B	B	A	29552416
A	M	A	B	B	B	A	C	A	29552417
A	L	A	B	E	A	B	E	A	29552418
A	K	A	–	E	B	B	B	A	29552419
A	L	A	B	E	A	B	E	A	29552420
A	M	A	B	B	B	A	E	A	29552421
B	N	A	–	A	B	A	B	A	29552423
A	L	A	B	B	A	A	E	A	29552424
A	K	A	–	C	F	B	B	A	29552425
A	K	A	–	E	F	B	B	A	29552429
A	L	A	B	E	E	B	E	A	29552430
A	K	A	–	C	B	B	B	A	29552431
A	N	A	–	A	B	A	B	A	29552432
A	L	A	B	B	E	A	E	A	29552433
A	M	A	B	B	B	A	E	A	29552434
A	L	A	B	B	B	A	C	A	29552435
A	K	A	–	C	B	B	B	A	29552436
A	K	A	–	E	B	B	B	A	29552437
A	K	A	–	C	F	B	B	A	29552438
A	K	A	–	E	B	B	B	A	29552786
A	L	A	B	B	E	A	E	A	29552787
A	K	A	–	C	F	B	B	A	29552788
A	K	A	–	E	F	B	B	A	29552789
A	N	A	–	A	B	A	B	A	29552790
A	M	A	B	B	A	A	A	A	29552793
A	L	A	B	B	A	A	E	A	29552794
A	L	A	B	E	E	B	A	A	29552795
A	K	A	–	B	B	A	B	A	29552796
A	P	A	–	C	F	B	B	A	29552797
A	K	A	–	E	B	B	B	A	29552798

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To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29552403	M 5620AR	B	B	A	A	B	A	F	–
29552405	S 6620H	B	B	A	B	B	A	F	–
29552406	S 6620A	B	B	A	B	B	A	F	–
29552407	M 6620A	B	B	D	B	B	A	–	D
29552409	M 6620AR	B	B	A	B	B	A	F	–
29552410	S 6620M	B	B	A	B	B	A	F	–
29552411	M 5620A	B	B	D	A	B	A	–	D
29552412	M 6620AR	B	B	A	B	B	A	F	–
29552413	M 5620A	B	B	D	A	B	A	–	D
29552415	H 5620AR	B	B	A	A	B	A	F	–
29552416	S 6620M	B	B	A	B	B	A	F	–
29552417	M 5620AR	B	B	D	A	B	A	–	D
29552418	H 6620AR	B	B	C	B	B	A	H	–
29552419	M 6620A	B	B	A	B	B	A	F	–
29552420	H 6620AR	B	B	A	B	B	A	F	–
29552421	M 5620AR	B	B	A	A	B	A	F	–
29552423	S 5620M	B	B	A	A	B	A	F	–
29552424	H 5620AR	B	B	A	A	B	A	F	–
29552425	S 6620M	B	B	A	B	B	A	F	–
29552429	S 6620A	B	B	A	B	C	B	F	–
29552430	M 6620AR	B	B	A	B	B	A	F	–
29552431	S 6620M	B	B	A	B	B	A	F	–
29552432	S 5620H	B	B	A	A	B	A	F	–
29552433	S 5620AR	B	B	A	A	B	A	F	–
29552434	M 5620AR	B	B	A	A	B	A	F	–
29552435	M 5620AR	B	B	D	A	B	A	–	D
29552436	S 6620H	B	B	A	B	B	A	F	–
29552437	S 6620M	B	B	A	B	B	A	F	–
29552438	S 6620H	B	B	A	B	B	A	F	–
29552786	M 6620A	B	B	A	B	B	A	F	–
29552787	S 5620AR	B	B	A	A	B	A	E	–
29552788	S 6620M	B	B	A	B	B	A	F	–
29552789	S 6620A	B	B	A	B	C	B	F	–
29552790	S 5620H	B	B	A	A	B	A	F	–
29552793	H 5620AR	B	B	A	A	B	A	F	–
29552794	H 5620AR	B	B	A	A	B	A	F	–
29552795	H 6620AR	B	B	A	B	B	A	F	–
29552796	S 5620M	B	B	A	B	B	A	F	–
29552797	S 6620M	B	B	A	A	B	B	F	–
29552798	S 6620A	B	B	A	A	B	A	F	–

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Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	A	E	P	A	N	–	29552403
–	–	–	C	E	A	–	A	–	29552405
–	–	–	C	J	S	–	W	–	29552406
B	B	B	E	J	P	–	N	–	29552407
–	–	–	C	E	P	A	N	–	29552409
–	–	–	C	E	A	–	F	B	29552410
B	B	B	E	E	P	–	N	–	29552411
–	–	–	C	E	P	A	N	–	29552412
B	B	B	E	E	P	–	N	–	29552413
–	–	–	C	J	P	A	N	–	29552415
–	–	–	C	E	A	–	F	–	29552416
B	B	B	E	E	P	A	N	–	29552417
–	–	–	A	J	P	A	N	–	29552418
–	–	–	A	E	P	–	N	–	29552419
–	–	–	C	E	P	A	N	–	29552420
–	–	–	B	F	P	A	N	C	29552421
–	–	–	A	E	A	–	F	–	29552423
–	–	–	A	E	P	A	Q	–	29552424
–	–	–	C	E	A	–	G	–	29552425
–	–	–	C	E	S	–	U	–	29552429
–	–	–	C	E	P	A	N	–	29552430
–	–	–	C	E	A	–	B	–	29552431
–	–	–	A	E	A	–	A	–	29552432
–	–	–	A	E	P	A	N	–	29552433
–	–	–	B	F	P	A	N	–	29552434
B	B	B	E	E	P	A	N	–	29552435
–	–	–	C	F	A	–	A	–	29552436
–	–	–	C	E	N	–	J	–	29552437
–	–	–	B	E	A	–	A	–	29552438
–	–	–	C	F	P	–	N	–	29552786
–	–	–	A	E	M	A	L	–	29552787
–	–	–	C	E	A	–	F	–	29552788
–	–	–	C	E	P	–	X	–	29552789
–	–	–	A	E	A	–	A	–	29552790
–	–	–	B	J	P	A	N	–	29552793
–	–	–	B	J	P	A	N	–	29552794
–	–	–	C	J	P	A	N	–	29552795
–	–	–	A	E	Q	–	B	–	29552796
–	–	–	C	E	A	–	V	–	29552797
–	–	–	C	E	P	–	N	–	29552798

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A/N	MODEL	Input Flange A 1–1	Output Flange B 1–2	Output Flange C 1–3	Output Flange D 1–4	Front Cover/ Converter Drive 2	Flexplate and Flywheel 3	Lockup Clutch 4	Torque Converter 5
29552800	S 6620M	–	C	–	–	–	N	E	R
29552801	M 5620AR	–	C	–	–	–	B	E	S
29552802	M 5620A	–	–	A	E	–	D	E	S
29552805	M 5620A	–	K	–	E	–	P	E	S
29552806	S 6620M	–	–	–	–	–	P	E	R
29552809	M 5620A	–	K	–	E	–	B	E	R
29552810	H 6620A	–	B	–	–	A	D	A	R
29552811	M 6620A	–	C	–	–	–	D	E	R
29552812	S 6620M	–	E	–	–	–	E	E	R
29552813	M 5620AR	–	A	A	A	–	B	E	S
29552814	H 5620AR	A	B	–	–	A	–	E	R
29553057	S 6620HR	–	F	–	–	–	D	E	Q
29553058	S 5620HR	–	F	–	–	–	D	E	S
29553223	H 6620AR	A	–	E	–	A	–	E	R
29553295	S 6620A	–	C	–	–	–	B	E	R
29553336	M 6620AR	E	E	–	–	A	–	E	R
29553337	M 6620A	E	C	–	–	A	–	E	R
29553338	M 6620A	–	C	–	–	–	D	E	R
29553442	H 6620AR	G	D	–	–	A	–	E	R
29553506	S 6620M	–	C	–	–	–	D	E	R
29553549	M 5620A	–	K	E	–	–	D	E	R
29553702	M 6620A	E	C	–	–	A	–	E	R
29553721	S 6620H	–	F	–	–	–	E	E	R
29553722	M 6620A	–	E	–	–	–	B	E	S
29553774	S 6620M	–	C	–	–	–	E	E	R
29553914	M 6620A	–	C	–	–	–	D	E	R
29554078	S 5620H	E	C	–	–	A	–	E	S
29554138	M 5620AR	–	C	–	–	–	E	E	S
29554323	H 6620AR	G	L	–	–	A	–	E	R
29554324	S 5620H	–	C	–	–	–	D	E	R
29554326	M 5620A	–	K	K	E	–	D	E	S
29554415	M 5620A	E	–	K	B	A	–	E	S
29554458	M 6620A	–	C	–	–	–	B	E	S
29554474	M 6620A	–	C	–	–	–	N	E	R

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PTO 6	Torque Converter Housing 7	Oil Pump 8	Retarder 9	Splitter-Low Clutch 10	Splitter-High Clutch 11	Splitter Planetary 12	Main Housing 13	High-Range Clutch 14	A/N
A	P	A	–	C	F	B	B	A	29552800
A	M	A	B	B	A	A	E	A	29552801
A	N	A	–	B	B	A	D	A	29552802
A	N	A	–	B	B	A	D	A	29552805
A	K	A	–	C	F	B	B	A	29552806
B	K	A	–	B	B	A	D	A	29552809
A	K	A	–	E	E	B	B	A	29552810
A	K	A	–	E	B	B	B	A	29552811
A	F	A	–	C	F	B	B	A	29552812
A	M	A	B	B	B	A	C	A	29552813
A	L	A	B	B	A	A	E	A	29552814
A	L	A	A	C	E	B	E	A	29553057
A	M	A	A	A	E	A	E	A	29553058
A	L	A	B	E	E	B	C	A	29553223
A	K	A	B	E	F	B	B	A	29553295
A	L	A	B	E	E	B	E	A	29553336
A	K	A	B	E	F	B	B	A	29553337
A	K	A	B	E	F	B	B	A	29553338
A	L	A	B	E	E	B	E	A	29553442
A	K	A	–	C	F	B	B	A	29553506
A	K	A	B	B	F	A	D	A	29553549
A	K	A	B	E	F	B	B	A	29553702
A	P	A	A	C	F	B	B	A	29553721
A	N	A	B	E	F	B	C	A	29553722
A	P	A	A	C	F	B	B	A	29553774
A	K	A	B	E	F	B	B	A	29553914
A	N	A	A	A	F	A	C	A	29554078
A	M	A	B	B	E	A	E	A	29554138
A	L	A	B	E	E	B	E	A	29554323
A	P	A	–	A	B	A	B	A	29554324
A	N	A	B	B	B	A	D	A	29554326
A	N	A	–	B	B	A	D	A	29554415
A	N	A	–	E	F	B	B	A	29554458
A	P	A	–	E	F	B	B	A	29554474

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A/N	MODEL	Intermediate-Range Planetary 15	Intermediate-Range Clutch 16	Low-Range Planetary 17	Low-Range Clutch 18	Reverse-Range Planetary 19	Reverse-Range Clutch 20	Rear Cover/ Speedo 21	Transfer Gear Hsg/ Speedo 22
29552800	S 6620M	B	B	A	A	B	B	F	–
29552801	M 5620AR	B	B	A	A	B	A	F	–
29552802	M 5620A	B	B	D	A	B	A	–	J
29552805	M 5620A	B	B	D	A	B	A	–	D
29552806	S 6620M	B	B	A	B	B	A	F	–
29552809	M 5620A	B	B	D	A	B	A	–	D
29552810	H 6620A	B	B	A	B	B	A	F	–
29552811	M 6620A	B	B	A	B	B	A	F	–
29552812	S 6620M	B	B	A	B	B	A	F	–
29552813	M 5620AR	B	B	D	A	B	A	–	E
29552814	H 5620AR	B	B	A	A	B	A	F	–
29553057	S 6620HR	B	B	A	B	B	A	F	–
29553058	S 5620HR	B	B	A	A	B	A	F	–
29553223	H 6620AR	B	B	D	B	B	A	–	N
29553295	S 6620A	B	B	A	B	C	B	F	–
29553336	M 6620AR	B	B	A	B	B	A	F	–
29553337	M 6620A	B	B	A	B	B	A	F	–
29553338	M 6620A	B	B	A	B	B	A	F	–
29553442	H 6620AR	B	B	A	B	B	A	F	–
29553506	S 6620M	B	B	A	B	B	A	F	–
29553549	M 5620A	B	B	D	A	B	A	–	L
29553702	M 6620A	B	B	A	B	B	A	F	–
29553721	S 6620H	B	B	A	B	B	A	F	–
29553722	M 6620A	B	B	A	B	B	A	F	–
29553774	S 6620M	B	B	A	B	B	A	F	–
29553914	M 6620A	B	B	A	B	B	A	F	–
29554078	S 5620H	B	B	A	A	B	A	F	–
29554138	M 5620AR	B	B	A	A	B	A	F	–
29554323	H 6620AR	B	B	A	B	B	A	F	–
29554324	S 5620H	B	B	A	A	B	A	F	–
29554326	M 5620A	B	B	D	A	B	A	–	E
29554415	M 5620A	B	B	B	A	B	A	–	N
29554458	M 6620A	B	B	A	B	B	A	F	–
29554474	M 6620A	B	B	A	B	B	A	F	–

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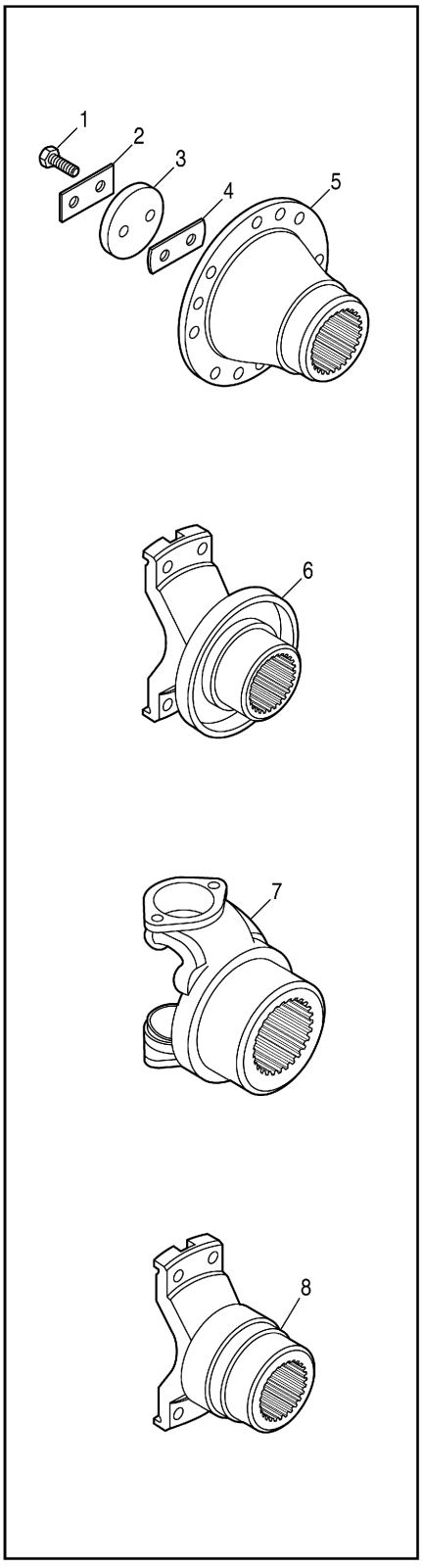
TRANSMISSION ASSEMBLY NUMBER INDEX

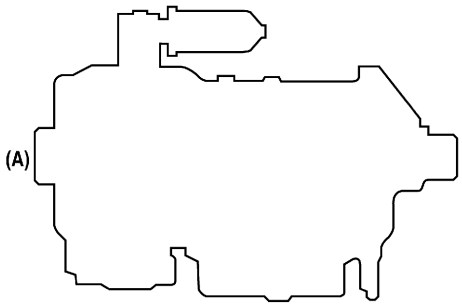
To find detail parts for your Allison Automatic Transmission, turn to the appropriate Section and Group listed opposite the Assembly Part Number (A/N) of your transmission.

Sections 32–40 are not assembly number specific. See the appropriate section for part information.

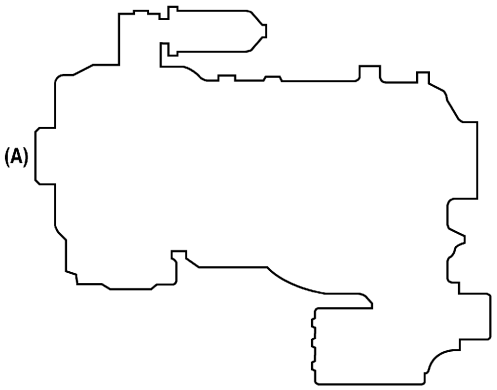
Transfer Gear 23	Trnsfer Gear Hsg Cover/ Speedo 24	Output Disconnect Clutch 25	Oil Pan 26	Main Pressure Regulator Valve/ Oil Filter 27	Lockup Control Valve 28	Retarder Control Valve 29	Main Control Valve 30	Parking Brake 31	A/N
–	–	–	C	E	A	–	V	–	29552800
–	–	–	A	E	P	A	N	–	29552801
G	F	F	E	E	P	–	N	–	29552802
B	B	B	E	E	P	–	N	–	29552805
–	–	–	C	E	A	–	F	–	29552806
B	B	B	E	E	P	–	N	–	29552809
–	–	–	C	J	P	–	N	–	29552810
–	–	–	A	E	P	–	N	–	29552811
–	–	–	C	E	A	–	G	–	29552812
B	A	A	E	E	P	A	N	–	29552813
–	–	–	C	G	P	A	N	–	29552814
–	–	–	C	E	A	A	A	–	29553057
–	–	–	A	E	A	A	A	–	29553058
G	F	F	E	J	P	A	N	–	29553223
–	–	–	A	E	S	–	U	–	29553295
–	–	–	A	E	P	A	N	–	29553336
–	–	–	C	E	P	–	N	–	29553337
–	–	–	C	J	P	–	N	–	29553338
–	–	–	C	E	P	A	N	–	29553442
–	–	–	C	E	A	–	G	–	29553506
B	B	B	E	E	P	–	N	–	29553549
–	–	–	C	F	P	–	N	C	29553702
–	–	–	C	E	A	–	A	–	29553721
–	–	–	A	F	P	–	N	–	29553722
–	–	–	C	F	A	–	F	–	29553774
–	–	–	C	E	P	–	N	–	29553914
–	–	–	A	E	A	–	A	C	29554078
–	–	–	A	E	P	A	N	–	29554138
–	–	–	C	E	P	A	N	–	29554323
–	–	–	A	E	A	–	A	–	29554324
B	A	A	E	E	P	–	N	–	29554326
L	–	–	E	E	P	–	N	C	29554415
–	–	–	A	E	P	–	N	–	29554458
–	–	–	C	F	P	–	N	–	29554474

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STRAIGHT THRU DRIVE MODEL



TRANSFER GEAR DRIVE MODEL (DROPBOX)

NOTE: *Letters in parentheses identify location of flanges and should not be confused with the alphabetical group listings.*

V08009.00.00

Figure 1-1. Input Flange - Position A

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GROUP 1-1-A

Input Flange, Figure 1-1
Input Position A

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-20 x 1 1/2 inch	29510838	2	2	4	8
2	Lockstrip	6755269	1	1	2	4
3	Plate, Flange Retainer	29515102	1	1	1	2
4	Shim, 0.025 inch	6772140	AR	1	2	4
4	Shim, 0.005 inch	6772141	AR	1	2	4
5–8	Not Used In This Group.					

GROUP 1-1-B

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Not Used In This Group.					
6	Flange Assembly, M9C	6774663	1	1	1	2
7–8	Not Used In This Group.					

GROUP 1-1-C

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–7	Not Used In This Group.					
8	Flange, M8C	6769263 ***	1			

GROUP 1-1-D

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–6	Not Used In This Group.					
7	Flange, S1700	6770785	1	1	1	2
8	Not Used In This Group.					

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GROUP 1-1-E

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Flange, S1800	6752520	1	1	1	2
6–8	Not Used In This Group.					

GROUP 1-1-F

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–7	Not Used In This Group.					
8	Flange, S1850	6834885 ***	1			

GROUP 1-1-G

Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–7	Not Used In This Group					
8	Flange, M8.5C	29549432	1	1	1	2

GROUP 1-1-H

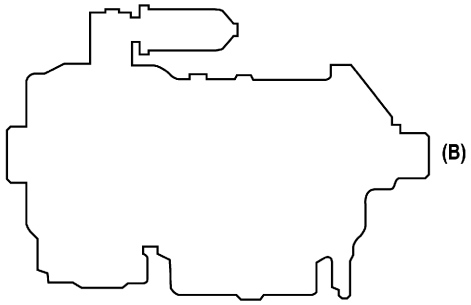
Input Flange, Figure 1-1
Input Position A

Same As Group A, Except For Parts Listed Below.

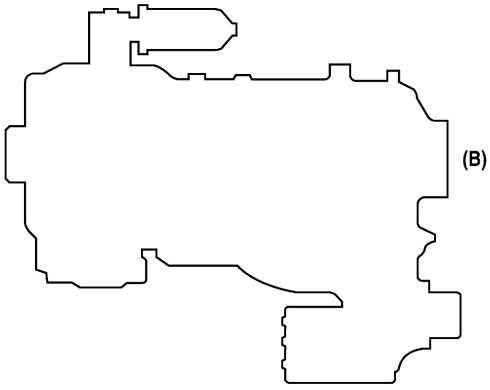
REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–7	Not Used In This Group					
8	Flange, M9C	29549434	1	1	1	2

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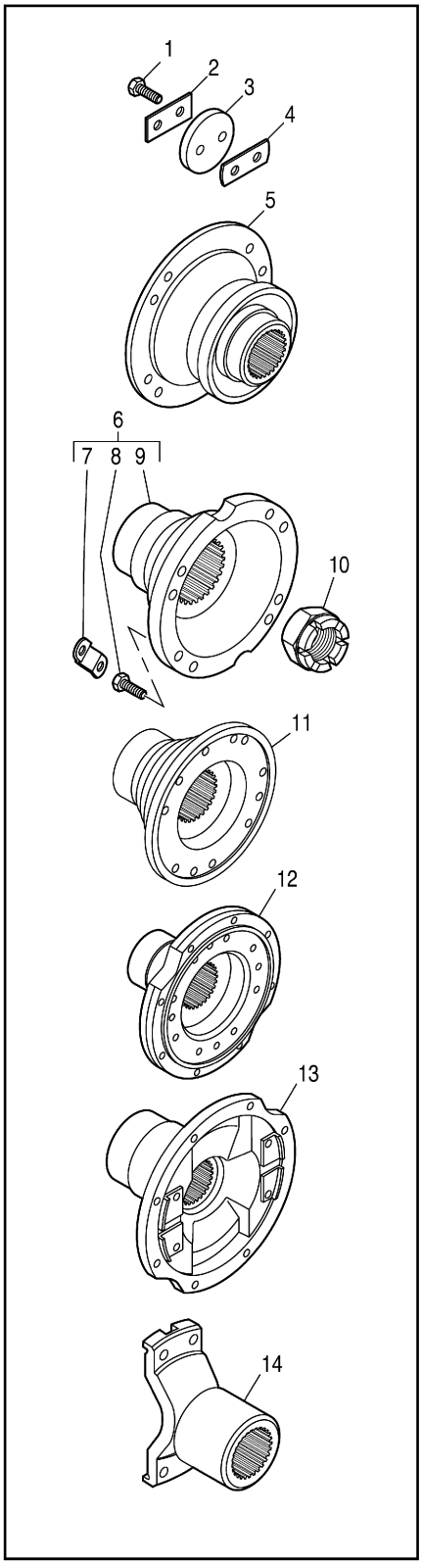


STRAIGHT THRU DRIVE MODEL



TRANSFER GEAR DRIVE MODEL (DROPBOX)

NOTE: *Letters in parentheses identify location of flanges and should not be confused with the alphabetical group listings.*



V08010.00.00

Figure 1-2. Output Flange - Position B

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NOTES

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GROUP 1-2-A

Output Flange, Figure 1-2
Output Position B

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8
2	Lockstrip	6755269	1	1	2	4
3	Plate, Flange Retainer	6768324	1	1	1	2
4	Shim, 0.025 inch	6772140	AR	1	2	4
4	Shim, 0.005 inch	6772141	AR	1	2	4
5–14	Not Used In This Group.					

GROUP 1-2-B

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11–14	Not Used In This Group.					

GROUP 1-2-C

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11	Not Used In This Group.					
12	Flange, Parking Brake, S1800	6772168	1	1	1	2
13–14	Not Used In This Group.					

GROUP 1-2-D

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11–12	Not Used In This Group.					
13	Flange, Parking Brake, M9C	6772116	1	1	1	2
14	Not Used In This Group.					

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GROUP 1-2-E

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11	Flange, S1850	6774061	1	1	1	2
12–14	Not Used In This Group.					

GROUP 1-2-F

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–5	Not Used In This Group.					
6	Flange Assembly, S1850	6772186	1	1	1	2
7	Clip	6770851	4	4	8	16
8	Bolt, 5/8-18 x 2 1/2 inch	6770856	8	8	16	32
9	Flange, S1850	6772185	1	1	1	2
10	Locknut, 2-16	6772182	1	1	2	4
11–14	Not Used In This Group.					

GROUP 1-2-G

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11	Not Used In This Group.					
12	Flange, Parking Brake, S1800	29509934 ***	1			
13–14	Not Used In This Group.					

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GROUP 1-2-H

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Locknut, 2-16	6772182	1	1	2	4
11–12	Not Used In This Group.					
13	Flange, Parking Brake, M9C	29508157	1	1	1	2
14	Not Used In This Group.					

GROUP 1-2-J

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–13	Not Used In This Group.					
14	Flange, M9C	6778892	1	1	1	2

GROUP 1-2-K

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Flange Assembly, S1800	6768543	1	1	1	2
6–14	Not Used In This Group.					

GROUP 1-2-L

Output Flange, Figure 1-2
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–13	Not Used In This Group					
14	Flange, M9C	29549433	1	1	1	2

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GROUP 1-2-M

Output Flange, Figure 1-2

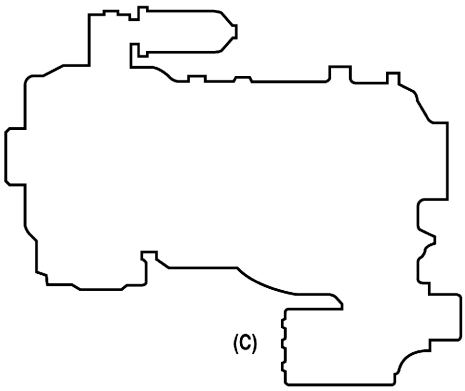
Output Position B

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–13	Not Used In This Group					
14	Flange, M10C	29549435	1	1	1	2

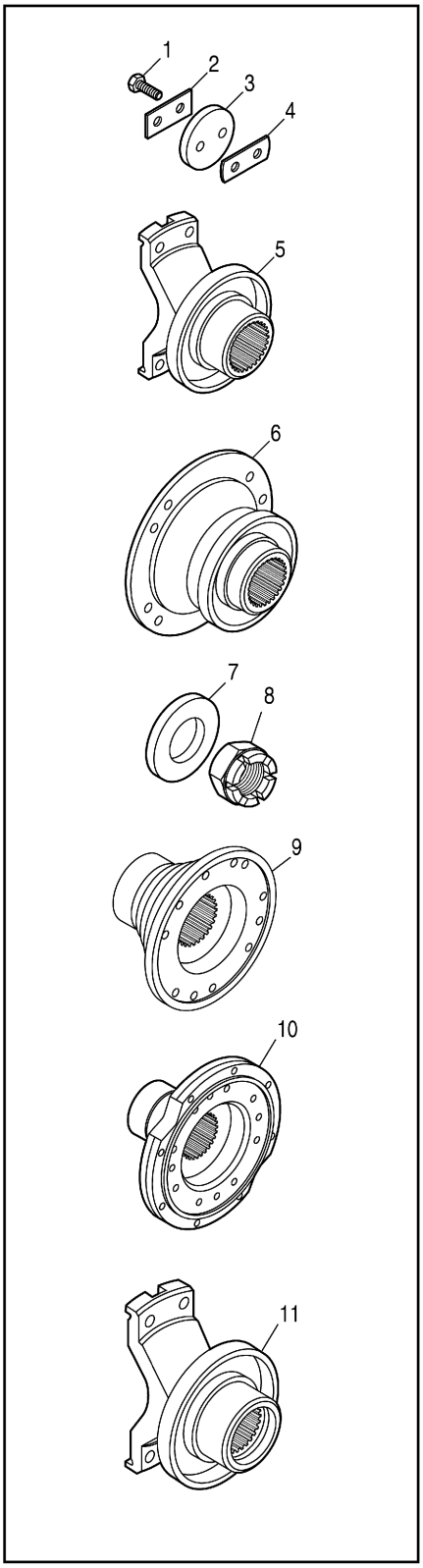
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TRANSFER GEAR DRIVE MODEL (DROPBOX)

NOTE: *Letters in parentheses identify location of flanges and should not be confused with the alphabetical group listings.*



V08011.00.00

Figure 1-3. Output Flange - Position C

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NOTES

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GROUP 1-3-A

Output Flange, Figure 1-3
Output Position C

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8
2	Lockstrip	6755269	1	1	2	4
3	Plate, Flange Retainer	6768324	1	1	1	2
4	Shim, 0.025 inch	6772140	AR	1	2	4
4	Shim, 0.005 inch	6772141	AR	1	2	4
5–11	Not Used In This Group.					

GROUP 1-3-B

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–7	Not Used In This Group.					
8	Locknut, 2-16	6772182	1	1	2	4
9–11	Not Used In This Group.					

GROUP 1-3-C

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–6	Not Used In This Group.					
7	Plate, Flange Retainer	6776246	1	1	1	2
8	Locknut, 2-16	6772182	1	1	2	4
9–11	Not Used In This Group.					

GROUP 1-3-D

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–4	Not Used In This Group.					
5	Flange Assembly, M10C	6774667	1	1	1	2
6–7	Not Used In This Group.					
8	Locknut, 2-16	6772182	1	1	2	4
9–11	Not Used In This Group.					

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GROUP 1-3-E

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–4	Not Used In This Group.					
5	Flange Assembly, M10C	6774667	1	1	1	2
6	Not Used In This Group.					
7	Plate, Flange Retainer	6776246	1	1	1	2
8	Locknut, 2-16	6772182	1	1	2	4
9–11	Not Used In This Group.					

GROUP 1-3-F

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–5	Not Used In This Group.					
6	Flange Assembly, S1850	6770847	1	1	1	2
7	Plate, Flange Retainer	6776246	1	1	1	2
8	Locknut, 2-16	6772182	1	1	2	4
9–11	Not Used In This Group.					

GROUP 1-3-G

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–6	Not Used In This Group.					
7	Plate, Flange Retainer	6776246	1	1	1	2
8	Locknut, 2-16	6772182	1	1	2	4
9–10	Not Used In This Group.					
11	Flange Assembly, M10C	6884088	1	1	1	2

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GROUP 1-3-H

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Flange Assembly, M9C. Service 6757633 Output Flange Assembly With 6768543 Flange Assembly. Driveline Modification Is Required.	6768543	1	1	1	2
6–11	Not Used In This Group.					

GROUP 1-3-J

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Flange Assembly, S1850	6770847	1	1	1	2
7–11	Not Used In This Group.					

GROUP 1-3-K

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Not Used In This Group.					
6	Flange Assembly, S1800	6768543	1	1	1	2
7–11	Not Used In This Group.					

GROUP 1-3-L

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–9	Not Used In This Group.					
10	Flange, Parking Brake, S1800	6769939	1	1	1	2
11	Not Used In This Group.					

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GROUP 1-3-M

Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–10	Not Used In This Group.					
11	Flange Assembly, M9C. Service 6769388 Output Flange Assembly With 6768543 Flange Assembly. Driveline Modification Is Required.	6768543	1	1	1	2

GROUP 1-3-N

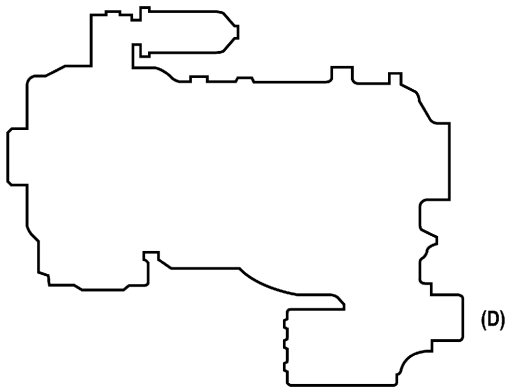
Output Flange, Figure 1-3
Output Position C

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–7	Not Used In This Group.					
8	Locknut, 2-16	6772182	1	1	2	4
9	Flange, S1850	6770661 ***	1			
10–11	Not Used In This Group.					

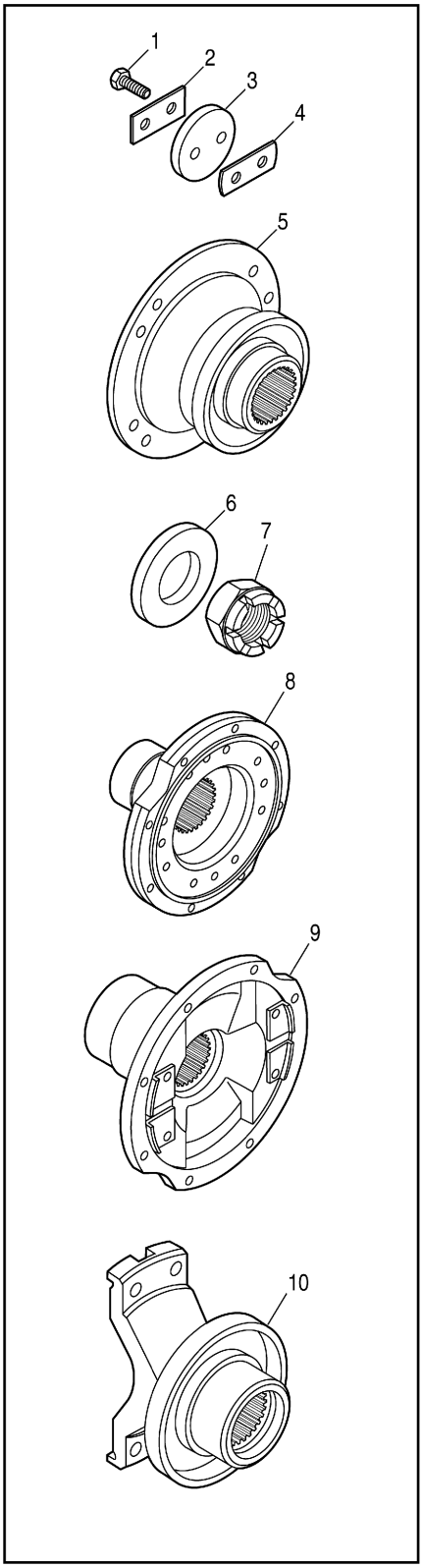
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TRANSFER GEAR DRIVE MODEL (DROPBOX)

NOTE: *Letters in parentheses identify location of flanges and should not be confused with the alphabetical group listings.*



V08012.00.00

Figure 1-4. Output Flange - Position D

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NOTES

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GROUP 1-4-A

Output Flange, Figure 1-4
Output Position D

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8
2	Lockstrip	6755269	1	1	2	4
3	Plate, Flange Retainer	6768324	1	1	1	2
4	Shim, 0.025 inch	6772140	AR	1	2	4
4	Shim, 0.005 inch	6772141	AR	1	2	4
5–10	Not Used In This Group.					

GROUP 1-4-B

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–7	Not Used In This Group.					
8	Flange, Parking Brake, S1800	6769939	1	1	1	2
9–10	Not Used In This Group.					

GROUP 1-4-C

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–8	Not Used In This Group.					
9	Flange, Parking Brake, M9C	6769940	1	1	1	2
10	Not Used In This Group.					

GROUP 1-4-D

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5–8	Not Used In This Group.					
9	Flange, Parking Brake, M8C	6775916 ***	1			
10	Not Used In This Group.					

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GROUP 1-4-E

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Flange Assembly, S1800	6768543	1	1	1	2
6–10	Not Used In This Group.					

GROUP 1-4-F

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–4	Not Used In This Group.					
5	Flange Assembly, S1850	6770847	1	1	1	2
6	Not Used In This Group.					
7	Locknut, 2-16	6772182	1	1	2	4
8–10	Not Used In This Group.					

GROUP 1-4-G

Output Flange, Figure 1-4
Output Position D

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–5	Not Used In This Group.					
6	Plate, Flange Retainer	6776246	1	1	1	2
7	Locknut, 2-16	6772182	1	1	2	4
8–9	Not Used In This Group.					
10	Flange Assembly, M10C	6884088	1	1	1	2

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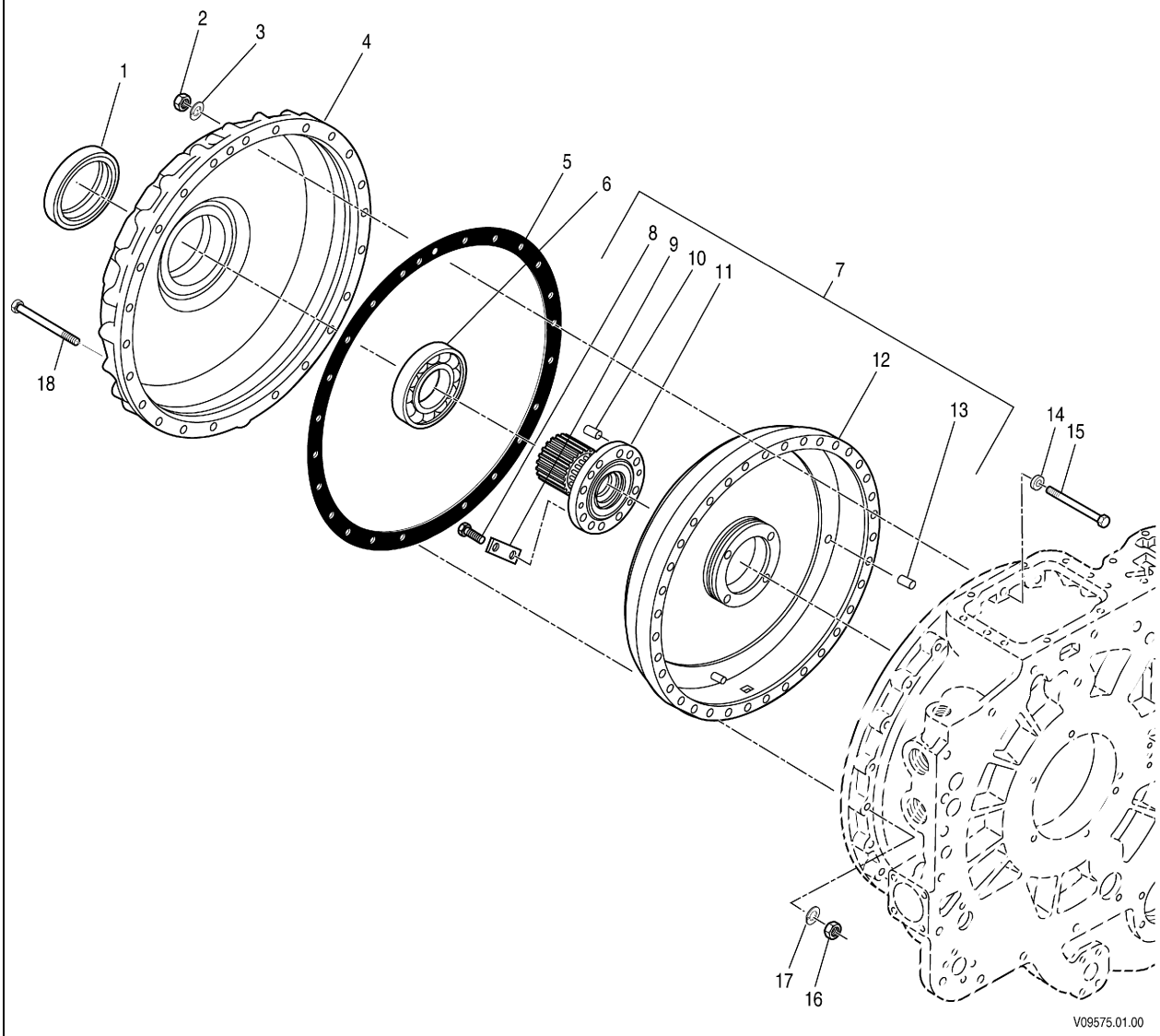


Figure 02. Front Cover and Converter Drive

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GROUP 02-A

Front Cover/Converter Drive, Figure 02

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Seal Assembly, Oil, 5.256 inch OD	6773186	1	1	2	4
2	Nut, 7/16-20	271505	3	3	6	12
3	Lockwasher, 7/16 inch	103322	3	3	6	12
4	Cover, Converter Housing Front	6768689	1	1	1	1
5	Gasket, Converter Housing Front Cover	5181902	1	1	2	4
6	Bearing Assembly, Single-Row Ball	23041458	1	1	2	4
7	Housing Assembly, Torque Converter Drive. When Replacing 29519116 Housing Assembly With 29544497 Housing Assembly, For Important Lockup Piston Service Interchangeability See SIL 07-TR-09.	29544497	1	1	1	1
8	Bolt, 9/16-18 x 1 3/8 inch	181454	8	8	16	32
9	Lockstrip	6768688	4	4	4	8
10	Pin, Dowel, 0.621 x 1 3/8 inch. Oversize Field Service Replacement For 6768710 Pin.	455366	4	4	8	16
11	Hub, Converter Drive. See SIL 35-TR-94.	29515103	1	1	1	1
12	Housing, Torque Converter Drive	29544496 *	1			
13	Pin, Dowel, 0.499 x 15/16 inch	23018502	4	4	8	16
14	Washer, Flat Copper, 7/16	29545020	3	3	6	12
15	Bolt, 7/16-20 x 4 1/4 inch	186331	3	3	6	12
16	Nut, 7/16-20	271505	18	18	36	72
17	Lockwasher, 7/16 inch	103322	18	18	36	72
18	Bolt, 7/16-20 x 4 inch	181415	18	18	36	72

02

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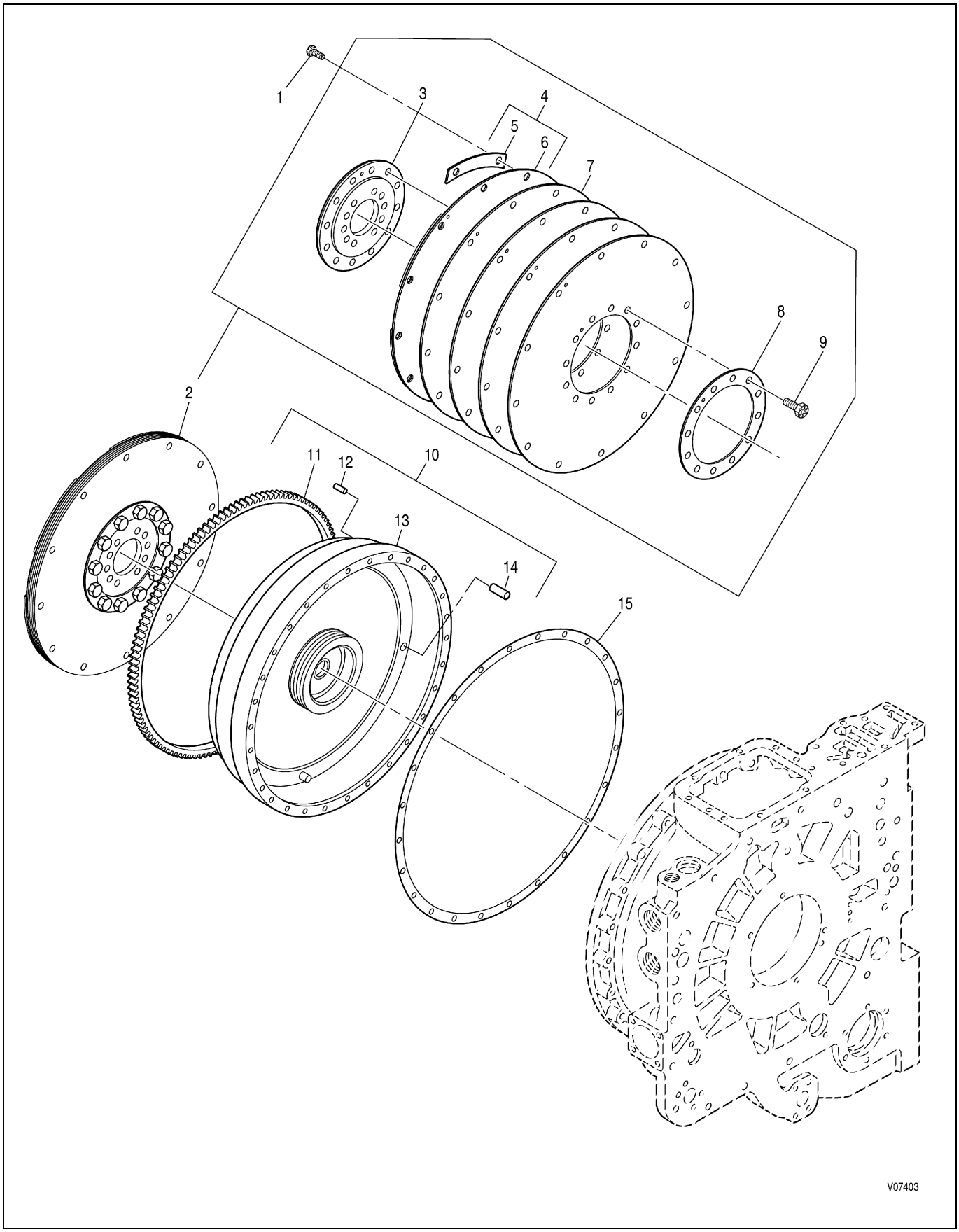


Figure 03. Flexplate And Flywheel

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GROUP 03-A

Flexplate And Flywheel, Figure 03

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, Hexlock, 1/2-20 x 1 inch	9409058	12	12	24	48
2–9	Flywheel Flexplate Assembly	@@				
10	Flywheel Assembly	23048656	1	1	1	1
11	Gear, Starter Ring	@@				
12	Pin, Spring, 1/4 x 1/2 inch	456876	1	1	2	4
13	Flywheel	23045952	1	1	1	1
14	Pin, Dowel, 0.499 x 15/16 inch	23018502	4	4	8	16
15	Housing Adapter	@@				

GROUP 03-B

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	23045956	1	1	1	1
11	Gear, Starter Ring	29538454	1	1	1	2
12	Not Used In This Group.					
13	Flywheel	23045955	1	1	1	1

GROUP 03-C

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	23045950	1	1	1	1
11	Gear, Starter Ring	29538454	1	1	1	2
13	Flywheel	23045949	1	1	1	1

GROUP 03-D

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	23045954	1	1	1	1
13	Flywheel	23045953	1	1	1	1

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GROUP 03-E

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	23048657	1	1	1	1
11	Gear, Starter Ring	6752502	1	1	1	2

GROUP 03-F

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Flexplate Assembly, Flywheel	23048614	1	1	1	1
3	Hub, Flywheel Flexplate	23048613	1	1	1	1
4	Flexplate And Washer Assembly, Flywheel	6751516	1	1	1	1
5	Washer, Flywheel Flexplate	6751518 *	6			
6	Flexplate, Flywheel	6750468	1	1	1	2
7	Flexplate, Flywheel	6750468	4	4	4	8
8	Plate, Bolt	6753364	1	1	1	1
9	Bolt, Hexlock, 1/2-20 x 3/4 inch	9409056	12	12	24	48
10	Flywheel Assembly	23048657	1	1	1	1
11	Gear, Starter Ring	6752502	1	1	1	2

GROUP 03-G

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	6839244 **	1			
11	Gear, Starter Ring	6769131	1	1	1	2
13	Flywheel. Service 6839245 Flywheel With 23045951 Flywheel Service Blank. See SIL 46-TR-82.	6839245 ***	1			

GROUP 03-H

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Flexplate Assembly, Flywheel	23046428 **	1			
3	Hub, Flywheel Flexplate	23045507	1	1	1	1
4	Flexplate And Washer Assembly, Flywheel	6751516	1	1	1	1
5	Washer, Flywheel Flexplate	6751518 *	6			
6	Flexplate, Flywheel	6750468	1	1	1	2

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GROUP 03-H *(cont'd)*

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Flexplate, Flywheel	6750468	4	4	4	8
8	Plate, Bolt	6753364	1	1	1	1
9	Bolt, Hexlock, 1/2-20 x 3/4 inch	9409056	12	12	24	48
10	Flywheel Assembly	23045950	1	1	1	1
11	Gear, Starter Ring	29538454	1	1	1	2
13	Flywheel	23045949	1	1	1	1

GROUP 03-J

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2–3	Not Used In This Group.					
4	Flexplate And Washer Assembly, Flywheel	6768382 ***	1			
5	Washer, Flywheel Flexplate	6751518 *	6			
6	Flexplate, Flywheel	6768381 ***	1			
7	Flexplate, Flywheel	6768381 ***	4			
8	Plate, Bolt	6768383 ***	1			
9	Bolt, Hexlock, 1/2-20 x 3/4 inch	9409056	12	12	24	48

GROUP 03-K

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2–3	Not Used In This Group.					
4	Flexplate And Washer Assembly, Flywheel	6751516	1	1	1	1
5	Washer, Flywheel Flexplate	6751518 *	6			
6	Flexplate, Flywheel	6750468	1	1	1	2
7	Flexplate, Flywheel	6750468	4	4	4	8
8	Plate, Bolt	6753364	1	1	1	2
9	Bolt, Hexlock, 1/2-20 x 3/4 inch	9409056	12	12	24	48
10	Flywheel Assembly	23045954	1	1	1	1
13	Flywheel	23045953	1	1	1	1

03

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GROUP 03-L

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2–3	Not Used In This Group.					
4	Flexplate And Washer Assembly, Flywheel	6751516	1	1	1	1
5	Washer, Flywheel Flexplate	6751518 *	6			
6	Flexplate, Flywheel	6750468	1	1	1	2
7	Flexplate, Flywheel	6750468	4	4	4	8
8	Plate, Bolt	6753364	1	1	1	2
9	Bolt, Hexlock, 1/2-20 x 3/4 inch	9409056	12	12	24	48

GROUP 03-M

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	29522431	1	1	1	1
12	Not Used In This Group.					
13	Flywheel	29521241	1	1	1	1

GROUP 03-N

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	29536293	1	1	1	1
11	Gear, Starter Ring	29538454	1	1	1	2
12	Not Used In This Group.					
13	Flywheel	29536292 *	1			

GROUP 03-P

Flexplate And Flywheel, Figure 03

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Flywheel Assembly	29541816	1	1	1	1
11	Gear, Starter Ring	6752502	1	1	1	2
12	Not Used In This Group.					
13	Flywheel	29541529 *	1			

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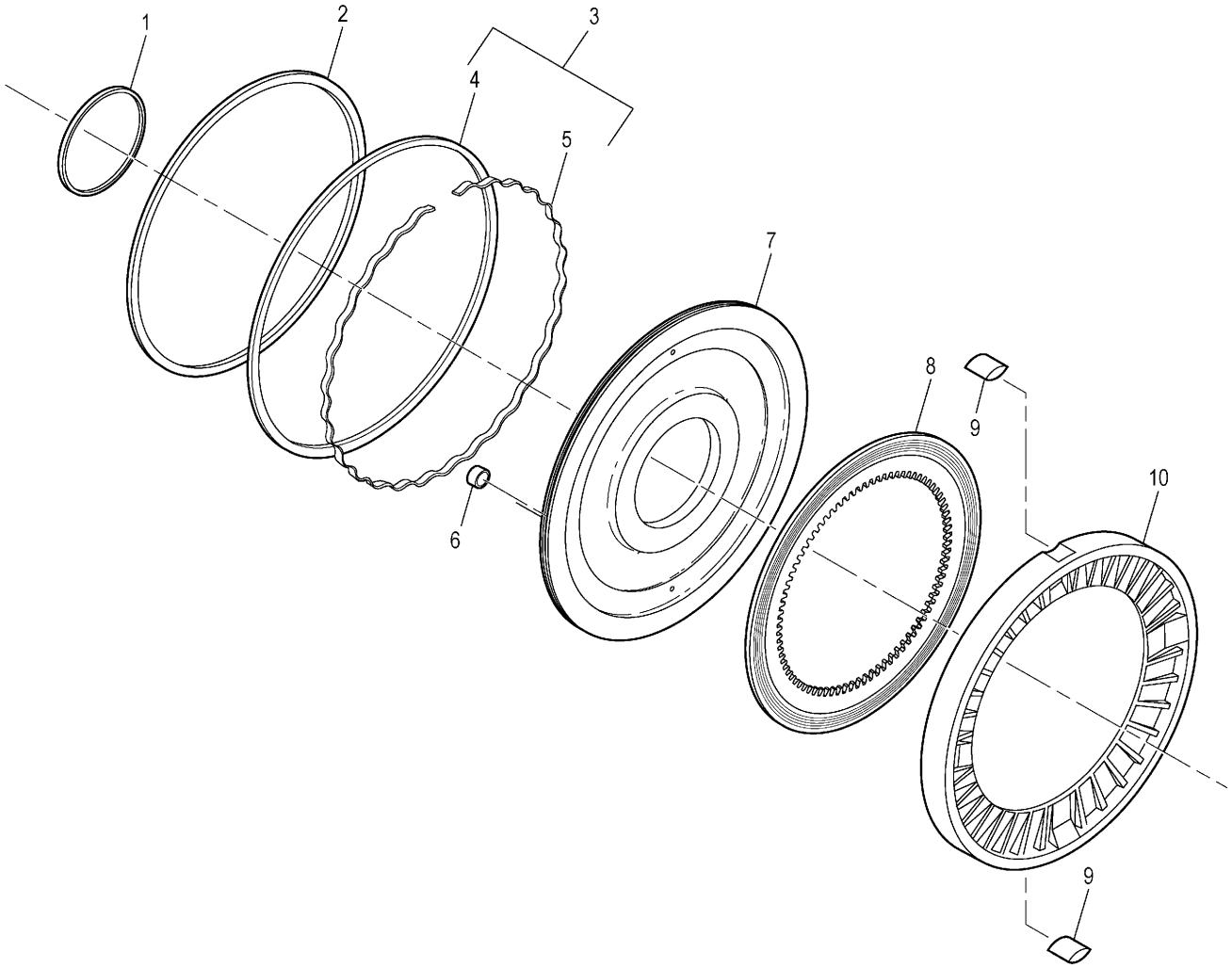


Figure 04. Lockup Clutch

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GROUP 04-A

Lockup Clutch, Figure 04
No. 3

NOTE: See SIL 09-TR-91 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Sealring, 5.310 inch ID	6752849	1	1	2	4
2	Sealring, 15.667 inch ID	6752848	1	1	2	4
3–5	Not Used In This Group.					
6	Bushing, Lockup-Clutch Piston, 0.532 ID x 0.656 OD x 0.280 inch. Used Only When Reworking Lockup-Clutch Piston, Reference 7.	6832547	4	4	8	16
7	Piston, Lockup-Clutch. See SIL 13-TR-99.	29537277	1	1	1	2
8	Plate, Internal-Splined Friction, Lockup-Clutch	6832138	1	1	2	4
9	Key, Lockup-Clutch Backplate	6772552	2	2	4	8
10	Backplate, Lockup-Clutch	23016058	1	1	1	2

GROUP 04-B

Lockup Clutch, Figure 04
No. 2

NOTE: See SIL 09-TR-91 And SIL 07-TR-09 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Seal And Expander Kit	29544570	1	1	2	4
4	Sealring, 17.323 inch ID	29544529	1	1	2	4
5	Expander	29544530	1	1	2	4
6	Not Used In This Group.					
7	Piston, Lockup-Clutch. See SIL 07-TR-09.	29544498	1	1	1	2
8	Plate, Internal-Splined Friction, Lockup-Clutch	6770590	1	1	2	4
10	Backplate, Lockup-Clutch	6770587	1	1	1	2

GROUP 04-C

Lockup Clutch, Figure 04
No. 1

NOTE: See SIL 09-TR-91 And SIL 07-TR-09 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal And Expander Kit	29544570	1	1	2	4
4	Sealring, 17.323 inch ID	29544529	1	1	2	4
5	Expander	29544530	1	1	2	4
6	Not Used In This Group.					

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GROUP 04-C *(cont'd)*

Lockup Clutch, Figure 04
No. 1

NOTE: See SIL 09-TR-91 And SIL 07-TR-09 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Piston, Lockup-Clutch. See SIL 07-TR-09.	29544498	1	1	1	2
8	Plate, Internal-Splined Friction, Lockup-Clutch	6750270	1	1	2	4
10	Backplate, Lockup-Clutch	6770587	1	1	1	2

GROUP 04-D

Lockup Clutch, Figure 04
No. 2 1/2

NOTE: See SIL 09-TR-91 And SIL 07-TR-09 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal And Expander Kit	29544570	1	1	2	4
4	Sealring, 17.323 inch ID	29544529	1	1	2	4
5	Expander	29544530	1	1	2	4
6	Not Used In This Group.					
7	Piston, Lockup-Clutch. See SIL 07-TR-09.	29544499	1	1	1	2
8	Plate, Internal-Splined Friction, Lockup-Clutch	29501209	1	1	2	4
10	Backplate, Lockup-Clutch	23048498	1	1	1	2

GROUP 04-E

Lockup Clutch, Figure 04
No. 3, 6620

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Piston, Lockup-Clutch	29537277	1	1	1	2
8	Plate, Internal-Splined Friction, Lockup-Clutch. See SIL 14-TR-11.	29549470	1	1	2	4

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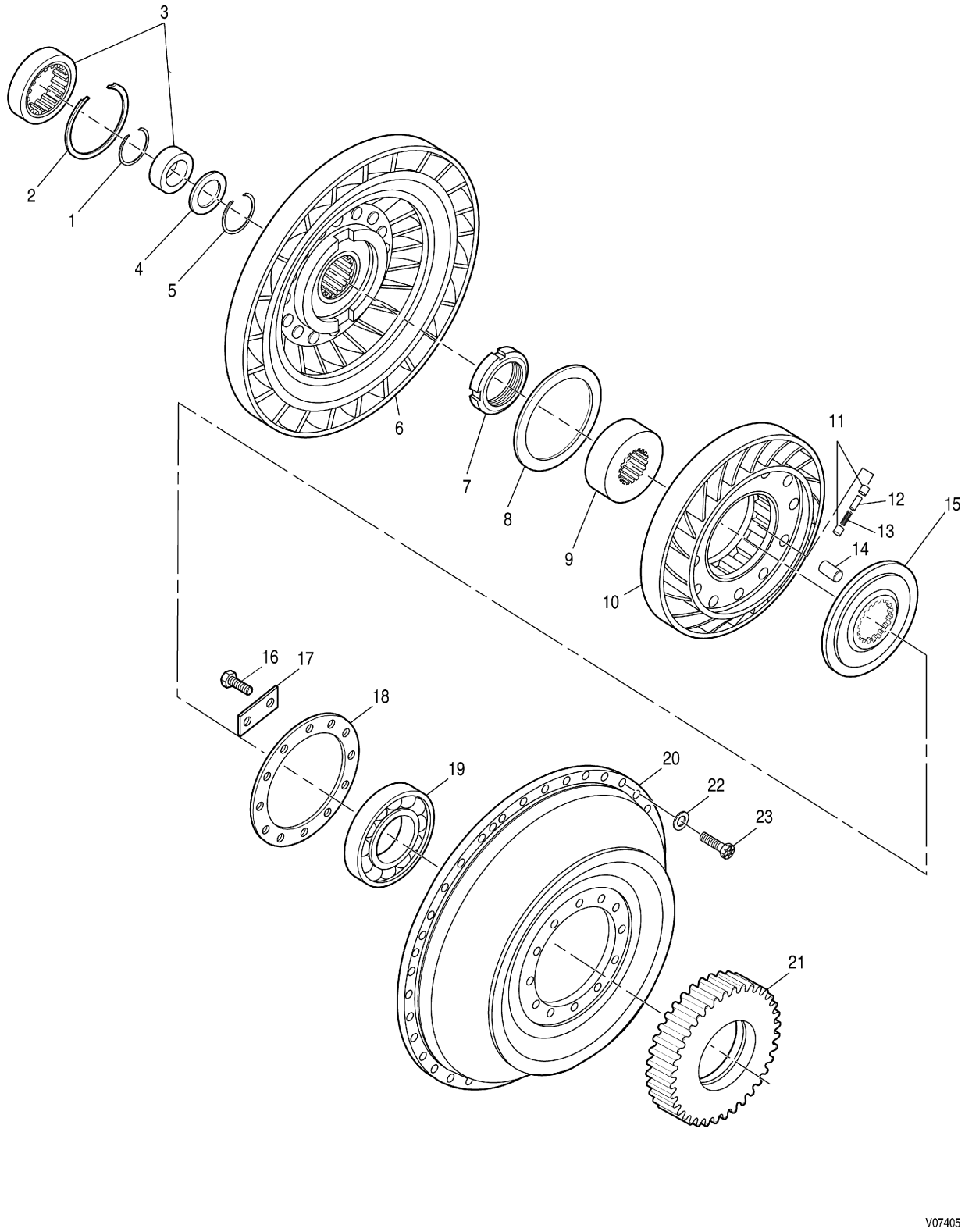


Figure 05A. Torque Converter

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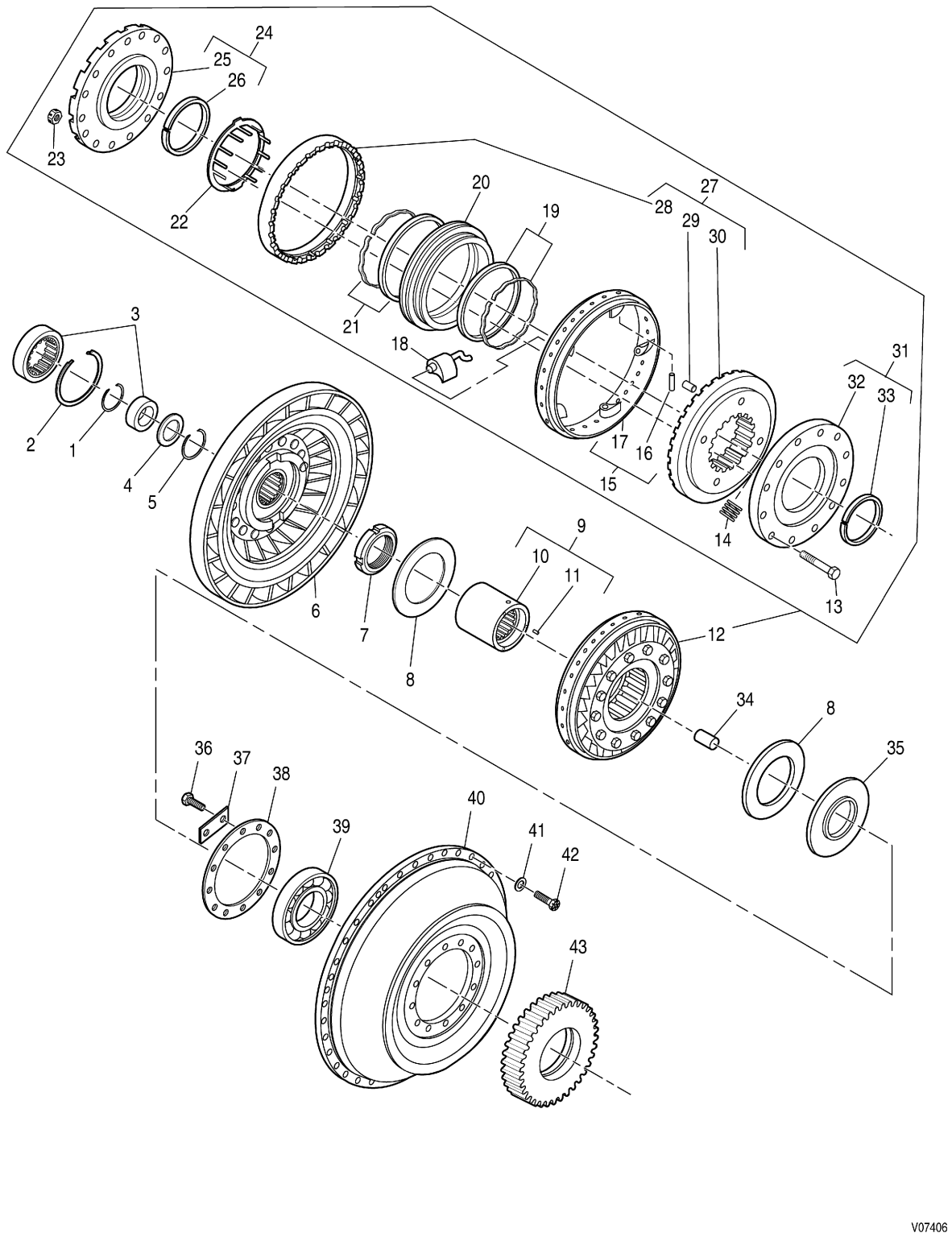


Figure 05B. Torque Converter

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GROUP 05-A

Torque Converter, Figure 05A
TC 680, 2.08:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Ring, Retaining, External, 1.601 inch ID	6838403	1	1	2	4
2	Ring, Retaining, Internal, 4.186 inch OD	6774184	1	1	2	4
3	Bearing Assembly, Roller	23041452	1	1	2	4
4	Spacer, 1.778 ID x 0.150 inch	6774704	1	1	2	4
5	Ring, Retaining, Internal, 2.354 inch OD	6774703	1	1	2	4
6	Turbine Assembly, Torque Converter	29544569	1	1	1	2
7	Locknut, 2.700-18	6774708	1	1	1	2
8	Washer, Thrust, 4.765 inch ID. See SIL 07-TR-02.	29537235	1	1	2	4
9	Race, Stator Freewheel Roller	6774709	1	1	1	2
10	Stator Assembly, Torque Converter	23045335	1	1	1	2
11	Cup, Spring	6773088	24	24	48	96
12	Pin, Spring Guide, 0.094 x 7/8 inch	6770302	12	12	24	48
13	Spring, Stator Freewheel Roller, 0.156 OD x 1.570 inch	6769276	12	12	24	48
14	Roller, Stator Freewheel, 1/2 x 1 1/4 inch	6770574	12	12	24	48
15	Backplate, Stator	6774710	1		1	2
16	Bolt, 3/8-24 x 1 1/2 inch. See SIL 08-TR-91.	181374	12	12	24	48
17	Lockstrip	6770578	6	6	12	24
18	Retainer, Converter Pump Bearing	6770585	1	1	1	2
19	Bearing Assembly, Single-Row Ball	23041915	1	1	2	4
20	Pump Assembly, Torque Converter. When Replacing 6881830 Torque Converter Pump Assembly With 29536872 Pump Assembly, Also Order 29503632 Input Gear, Thirty-Six 9420572 Bolts, And Twelve 181374 Bolts. See SIL 08-TR-91.	29536872	1	1	1	2
21	Gear, Accessory Drive Input. When Replacing 6774701 Accessory Drive Input Gear With 29503632 Gear, Also Order 29536872 Pump Assembly, Thirty-Six 9420572 Bolts, And Twelve 181374 Bolts. See SIL 08-TR-91.	29503632	1	1	1	2
22	Washer, Flat, 0.406 inch	6830003	36	36	72	144
23	Bolt, Hexlock, 3/8-24 x 1 3/8 inch. See SIL 08-TR-91.	9420572	36	36	72	144

GROUP 05-B

Torque Converter, Figure 05A
TC 690, 2.25:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Stator Assembly, Torque Converter. Service 23045334 Torque Converter Stator Assembly With 23045335 Torque Converter Stator Assembly.	23045334 ***	1			

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GROUP 05-C

Torque Converter, Figure 05A
TC 580, 2.89:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538507	1	1	1	2
10	Stator Assembly, Torque Converter. See SIL 03-TR-82.	23045336	1	1	1	2
20	Pump Assembly, Torque Converter. When Replacing 6881826 Torque Converter Pump Assembly With 29536874 Pump Assembly, See SIL 08-TR-91.	29536874	1	1	1	2

GROUP 05-D

Torque Converter, Figure 05B
Variable TC 690, 2.25:1 Stall Torque Ratio

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Ring, Retaining, External, 1.601 inch ID	6838403	1	1	2	4
2	Ring, Retaining, Internal, 4.186 inch OD	6774184	1	1	2	4
3	Bearing Assembly, Roller	23041452	1	1	2	4
4	Spacer, 1.778 ID x 0.150 inch	6774704	1	1	2	4
5	Ring, Retaining, Internal, 2.354 inch OD	6774703	1	1	2	4
6	Turbine Assembly, Torque Converter	6830721 ***	1			
7	Locknut, 2.700-18	6778439	1	1	1	2
8	Washer, Thrust, 3.765 inch ID	6778491	2	2	4	8
9	Race Assembly, Stator Freewheel Roller	6778421 ***	1			
10	Race, Stator Freewheel Roller	6778460 ***	1			
11	Pin, Dowel, 1/4 x 7/16 inch	141192 ***	3			
12	Stator Assembly, Torque Converter, Variable Pitch	6779949 ***	1			
13	Bolt, 5/16-24 x 2 3/4 inch	181350 ***	12			
14	Spring, Stator Freewheel Roller	6779083 ***	12			
15	Shroud Assembly, Variable Pitch Stator	6830526 ***	1			
16	Pin, Stepped Dowel	6830265 ***	5			
17	Shroud, Variable Pitch Stator	6830525 ***	1			
18	Blade And Crank Assembly, Variable Pitch Stator	6779936 ***	30			
19	Sealring And Expander Kit, 5.720 inch ID. Kit Contains 6778416 Sealring And 6778438 Expander.	6779006	1	1	2	4
20	Piston, Variable Pitch Stator	6778437 ***	1			
21	Sealring And Expander Kit, 7.182 inch ID. Kit Contains 6775123 Sealring And 6775142 Expander.	6777677	1	1	2	4
22	Retainer, Stator Freewheel Roller Spring	6778459 ***	1			
23	Locknut, 5/16-24	29514365	12	12	24	48
24	Plate Assembly, Side, Variable Pitch Stator	6833385 ***	1			
25	Plate, Side, Variable Pitch Stator	6833386 ***	1			
26	Bushing	6778444 ***	1			
27	Housing Assembly, Variable Pitch Stator	6778456 ***	1			

(continued on next page)

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GROUP 05-D *(cont'd)*

Torque Converter, Figure 05B
Variable TC 690, 2.25:1 Stall Torque Ratio

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
28	Housing, Piston, Variable Pitch Stator	6778455 ***	1			
29	Pin, Spring, 1/8 x 1 1/8 inch	455277 ***	3			
30	Cam, Variable Pitch Stator	6778466 ***	1			
31	Plate Assembly, Side, Variable Pitch Stator	6778420 ***	1			
32	Plate, Side, Variable Pitch Stator	6778469 ***	1			
33	Bushing	6778444 ***	1			
34	Roller, Stator Freewheel	6778407 ***	12			
35	Backplate, Stator	6778436 ***	1			
36	Bolt, 3/8-24 x 1 1/2 inch. See SIL 08-TR-91.	181374	12	12	24	48
37	Lockstrip	6770578	6	6	12	24
38	Retainer, Converter Pump Bearing	6770585	1	1	1	2
39	Bearing Assembly, Single-Row Ball	23041915	1	1	2	4
40	Pump Assembly, Torque Converter. When Replacing 6881830 Torque Converter Pump Assembly With 29536872 Pump Assembly, See SIL 08-TR-91.	29536872	1	1	1	2
41	Washer, Flat, 0.406 inch	6830003	36	36	72	144
42	Bolt, Hexlock, 3/8-24 x 1 3/8 inch. See SIL 08-TR-91.	9420572	36	36	72	144
43	Gear, Accessory Drive Input. When Replacing 6774701 Accessory Drive Input Gear With 29503632 Gear, See SIL 08-TR-91.	29503632	1	1	1	2

GROUP 05-E

Torque Converter, Figure 05A
TC 590, 2.69:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Stator Assembly, Torque Converter. See SIL 03-TR-82.	23045336	1	1	1	2

GROUP 05-F

Torque Converter, Figure 05A
TC 570, 3.12:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Stator Assembly, Torque Converter. See SIL 03-TR-82.	23045336	1	1	1	2
20	Pump Assembly, Torque Converter	29503849 ***	1			

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GROUP 05-G

Torque Converter, Figure 05A
TC 560, 2.58:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Stator Assembly, Torque Converter. See SIL 03-TR-82.	23045333 ***	1			
20	Pump Assembly, Torque Converter	29503849 ***	1			

GROUP 05-H

Torque Converter, Figure 05A
TC 680, 2.08:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538506	1	1	1	2

GROUP 05-J

Torque Converter, Figure 05A
TC 560, 2.58:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538506	1	1	1	2
10	Stator Assembly, Torque Converter. See SIL 03-TR-82.	23045333 ***	1			
20	Pump Assembly, Torque Converter	29503849 ***	1			

GROUP 05-K

Torque Converter, Figure 05A
TC 683, 1.85:1 Stall Torque Ratio

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538505	1	1	1	2
10	Stator Assembly, Torque Converter	29501262	1	1	1	2
20	Pump Assembly, Torque Converter. When Replacing 29501261 Torque Converter Pump Assembly With 29536876 Pump Assembly, See SIL 08-TR-91.	29536876	1	1	1	2

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GROUP 05-L

Torque Converter, Figure 05A
TC 682, 1.77:1 Stall Torque Ratio

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538505	1	1	1	2
10	Stator Assembly, Torque Converter	29507738	1	1	1	2
20	Pump Assembly, Torque Converter	29536876	1	1	1	2

GROUP 05-M

Torque Converter, Figure 05A
TC 690, 2.25:1 Stall Torque Ratio

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538506	1	1	1	2
10	Stator Assembly, Torque Converter. Service 23045334 Torque Converter Stator Assembly With 23045335 Torque Converter Stator Assembly.	23045334 ***	1			

GROUP 05-N

Torque Converter, Figure 05A
TC 683, 1.85:1 Stall Torque Ratio

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538507	1	1	1	2
10	Stator Assembly, Torque Converter	29501262	1	1	1	2
20	Pump Assembly, Torque Converter	29536876	1	1	1	2

GROUP 05-P

Torque Converter, Figure 05A
TC 682, 1.77:1 Stall Torque Ratio

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Turbine Assembly, Torque Converter	29538507	1	1	1	2
10	Stator Assembly, Torque Converter	29507738	1	1	1	2
20	Pump Assembly, Torque Converter	29536876	1	1	1	2

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GROUP 05-Q

Torque Converter, Figure 05A
6620, TC 683, 1.85:1 Stall Torque Ratio
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Spacer, Bearing	29544559	1	1	2	4
5	Ring, Lightly Loaded	29544524	1	1	2	4
6	Turbine Assembly, Torque Converter	29544567	1	1	1	2
7	Locknut, 3.125-16	29544538	1	1	1	2
8	Washer, Thrust, 4.765 inch ID	29537235	1	1	2	4
9	Race, Stator Freewheel Roller	29544521	1	1	1	2
10	Stator Assembly, Torque Converter	29501262	1	1	1	2
15	Backplate, Stator	29544520	1		1	2
16	Bolt, 3/8-24 x 1 1/2 inch	181374	12	12	24	48
19	Bearing Assembly, Single-Row Ball	29544519	1	1	2	4
20	Pump Assembly, Torque Converter	29536876	1	1	1	2
21	Gear, Accessory Drive Input	29544548	1	1	1	2
23	Bolt, Hexlock, 3/8-24 x 1 3/8 inch	9420572	36	36	72	144

GROUP 05-R

Torque Converter, Figure 05A
6620, TC 682, 1.77:1 Stall Torque Ratio
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Spacer, Bearing	29544559	1	1	2	4
5	Ring, Retaining, Internal, Lightly Loaded	29544524	1	1	2	4
6	Turbine Assembly, Torque Converter	29544567	1	1	1	2
7	Locknut, 3.125-16	29544538	1	1	1	2
8	Washer, Thrust, 4.765 inch ID	29537235	1	1	2	4
9	Race, Stator Freewheel Roller	29544521	1	1	1	2
10	Stator Assembly, Torque Converter	29507738	1	1	1	2
15	Backplate, Stator	29544520	1		1	2
16	Bolt, 3/8-24 x 1 1/2 inch	181374	12	12	24	48
19	Bearing Assembly, Single-Row Ball	29544519	1	1	2	4
20	Pump Assembly, Torque Converter	29536876	1	1	1	2
21	Gear, Accessory Drive Input	29544548	1	1	1	2
23	Bolt, Hexlock, 3/8-24 x 1 3/8 inch	9420572	36	36	72	144

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GROUP 05-S

Torque Converter, Figure 05A
5620, TC 680, 2.08:1 Stall Torque Ratio
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Spacer, Bearing	29544559	1	1	2	4
5	Ring, Retaining, Internal, Lightly Loaded	29544524	1	1	2	4
6	Turbine Assembly, Torque Converter	29544567	1	1	1	2
7	Locknut, 3.125-16	29544538	1	1	1	2
8	Washer, Thrust, 4.765 inch ID	29537235	1	1	2	4
9	Race, Stator Freewheel Roller	29544521	1	1	1	2
15	Backplate, Stator	29544520	1		1	2
16	Bolt, 3/8-24 x 1 1/2 inch	181374	12	12	24	48
19	Bearing Assembly, Single-Row Ball	29544519	1	1	2	4
20	Pump Assembly, Torque Converter	29536872	1	1	1	2
21	Gear, Accessory Drive Input	29544548	1	1	1	2
23	Bolt, Hexlock, 3/8-24 x 1 3/8 inch	9420572	36	36	72	144

GROUP 05-T

Torque Converter, Figure 05A
5620, TC580, 2.89:1 Stall Torque Ratio
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Spacer, Bearing	29544559	1	1	2	4
5	Ring, Lightly Loaded	29544524	1	1	2	4
6	Turbine Assembly, Torque Converter	29544567	1	1	1	2
7	Locknut, 3.125-16	29544538	1	1	1	2
8	Washer, Thrust, 4.765 inch ID	29537235	1	1	2	4
9	Race, Stator Freewheel Roller	29544521	1	1	1	2
10	Stator Assembly, Torque Converter	23045336	1	1	1	2
15	Backplate, Stator	29544520	1		1	2
16	Bolt, 3/8-24 x 1 1/2 inch	181374	12	12	24	48
19	Bearing Assembly, Single-Row Ball	29544519	1	1	2	4
20	Pump Assembly, Torque Converter	29536874	1	1	1	2
21	Gear, Accessory Drive Input	29544548	1	1	1	2
23	Bolt, Hexlock, 3/8-24 x 1 3/8 inch	9420572	36	36	72	144

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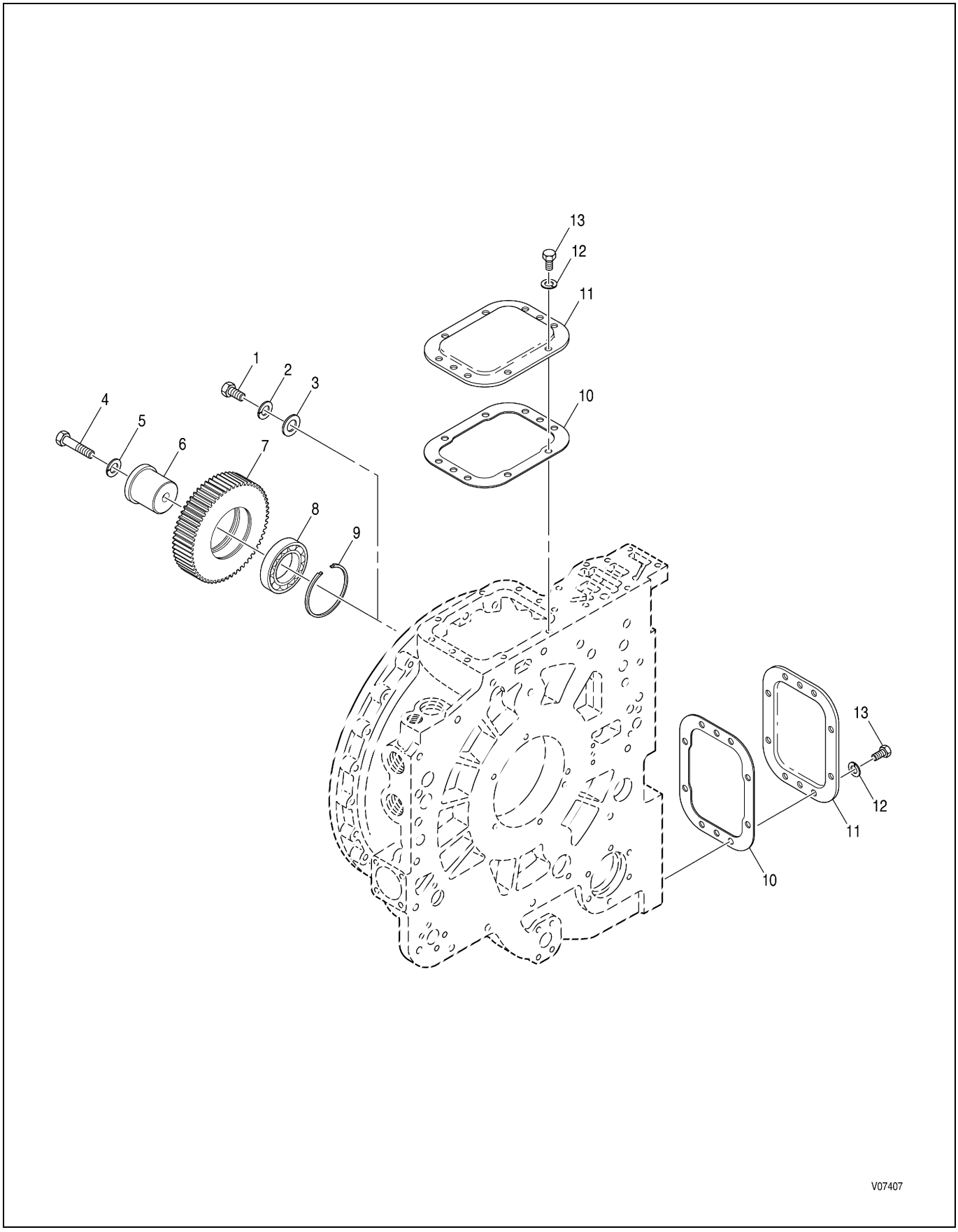


Figure 06. Power Takeoff

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GROUP 06-A

PTO, Figure 06
Top And Side

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–3	Not Used In This Group.					
4	Bolt, 1/2-13 x 2 1/2 inch	179891	1	1	2	4
5	Lockwasher, 1/2 inch	103323	1	1	2	4
6	Spindle, Idler Gear	6774736	1	1	1	2
7	Gear, PTO Idler	6774735	1	1	1	2
8	Bearing Assembly, Roller. See SIL 01-TR-02 And SIL 22-TR-96.	29539004	1	1	2	2
9	Ring, Retaining, Internal, 4.546 inch OD	8892840	1	1	2	2
10	Gasket, PTO Pad Cover	6758442	2	2	4	8
11	Cover, PTO Pad	6768990	2	2	2	4
12	Lockwasher, 7/16 inch	103322	16	16	32	64
13	Bolt, 7/16-14 x 7/8 inch	179857	16	16	32	64

GROUP 06-B

PTO, Figure 06
Side Only

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-13 x 3/4 inch	179879 ***	1			
2	Lockwasher, 1/2 inch	103323	1	1	2	4
3	Washer, Flat, 1/2 inch	103343 ***	1			
4–9	Not Used In This Group.					

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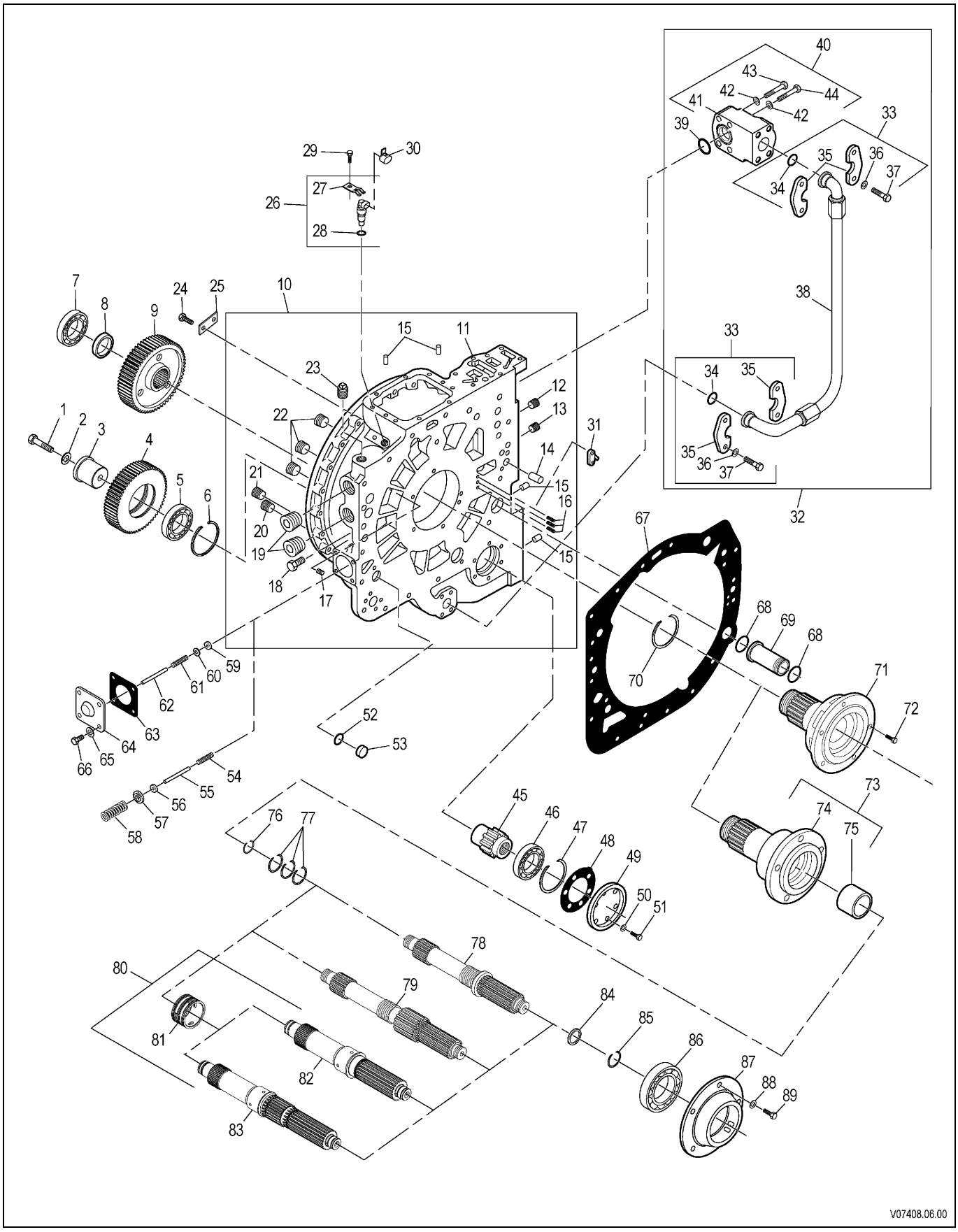


Figure 07. Torque Converter Housing

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GROUP 07-A

Torque Converter Housing, Figure 07
Non-Vented Priority Ground Sleeve, With Retarder

NOTE: See SIL 64-TR-83 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-13 x 2 1/2 inch	179891	1	1	2	4
2	Lockwasher, 1/2 inch	103323	1	1	2	4
3	Spindle, Idler Gear	6774736	1	1	1	2
4	Gear, Oil Pump Drive Idler	6774735	1	1	1	2
5	Bearing Assembly, Roller. See SIL 22-TR-96 And SIL 01-TR-02.	29539004	1	1	2	4
6	Ring, Retaining, Internal, 5.546 inch OD	8892840	1	1	2	4
7	Bearing Assembly, Single-Row Ball. See SIL 22-TR-96.	23047992	1	1	2	4
8	Spacer, Accessory Drive Gear, 1.790 ID x 2.315 OD x 0.380 inch	6756338	1	1	1	2
9	Gear, Oil Pump Drive	6755986	1	1	1	2
10	Housing Assembly, Converter. When Replacing 6835205, 23017432, Or 29525042 Converter Housing Assembly With 29537274 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537274	1	1	1	1
11	Housing, Converter	29537272 *	1			
12	Plug, Square Socket Pipe, 1/2-14	23012038	1	1	2	4
13	Plug, Square Socket Pipe, 1/4-27	444654	1	1	2	4
14	Pin, Dowel, 3/4 x 1 1/4 inch	107393 *	2			
15	Pin, Dowel, 7/16 x 1 inch	141264 *	4			
16	Plug, Hex Socket Pipe, 1/8-27	444687	3	3	6	12
17	Screw, Drive, No. 6 x 3/8 inch	145067	1	1	2	4
18	Plug, Pipe, 1/4-18. Used Prior To 29525041 Housing.	23012035	1	1	2	4
18	Plug Assembly, 1/2-20. Used Starting With 29525041 Housing. See SIL 20-TR-96.	29525046	1	1	2	4
19	Plug, Square Socket Pipe, 1 1/4-11. Used Prior To 29525041 Housing.	23012033	2	2	4	8
19	Plug Assembly, 1 5/8-12. Used Starting With 29525041 Housing. See SIL 20-TR-96.	29525051	2	2	4	8
20	Plug, Square Socket Pipe, 3/4-14. Used Prior To 29525041 Housing.	23012031	1	1	2	4
20	Plug Assembly, 1 1/16-12. Used Starting With 29525041 Housing. See SIL 20-TR-96.	29527480	1	1	2	4
21	Plug, Square Socket Pipe, 1-11 1/2. Used Prior To 29525041 Housing.	23012034	1	1	2	4
21	Plug Assembly, 1 3/16-12. Used Starting With 29525041 Housing. See SIL 20-TR-96.	29525050	1	1	2	4
22	Plug, Square Socket Pipe, 1-11 1/2	444678	3	3	6	12
23	Plug, Square Head Pipe, 1/2-14. Used Prior To 29525041 Housing. Service 23012037 Plug With 23012038 Square Socket Pipe Plug.	23012037 ***	1			
23	Plug Assembly, 3/4-16. Used Starting With 29525041 Housing. See SIL 20-TR-96.	29542780	1	1	2	4
24–25	Not Used In This Group.					

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GROUP 07-A *(cont'd)*

Torque Converter Housing, Figure 07
Non-Vented Priority Ground Sleeve, With Retarder

NOTE: See SIL 64-TR-83 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
26	Speed Sensor Assembly, Engine. Used Starting With 29537272 Housing. See SIL 8-TR-06.	29543432	1	1	1	2
27	Retainer, Speed Sensor	29503843	1	1	1	2
28	O-ring, 0.614 inch ID	29503383	1	1	2	4
29	Bolt, 5/16-18 x 1/2 inch. Used Starting With 29537272 Housing.	29542098	1	1	2	4
30	Speed Sensor Cover	29536988	1	1	2	4
31	Not Used In This Group.					
32	Hose Assembly Kit, Input Pressure	29544228	1	1	1	2
33	Split Flange Assembly	29501462	2	2	4	8
34	O-ring, 1.478 inch ID	6830007	1	1	2	4
35	Flange, Split	6779125 *	2			
36	Lockwasher, 7/16 inch	103322	4	4	8	16
37	Bolt, 7/16-14 x 1 1/4 inch	179860	4	4	8	16
38	Hose Assembly, Input Pressure	23046148	1	1	2	4
39	O-ring, 1.478 inch ID	6830007	1	1	2	4
40	Block Kit, Input Press. See SIL 01-TR-10.	29544234	1	1	2	4
41	Block, Hose Connecting	29544227	1	1	1	2
42	Lockwasher, 7/16 inch	103322	4	4	8	16
43	Bolt, 7/16-14 x 2 inch	179868	2	2	4	8
44	Bolt, 7/16-14 x 2 1/4 inch	179867	2	2	4	8
45	Hub, Oil Pump Drive Gear	6769509	1	1	1	2
46	Bearing Assembly, Single-Row Ball. See SIL 22-TR-96.	23047992	1	1	2	4
47	Ring, Retaining, Internal, 3.570 inch OD	6753487	1	1	2	4
48	Gasket, Accessory Drive Cover	6882702	1	1	2	4
49	Cover, Accessory Drive	6758337	1	1	1	2
50	Lockwasher, 3/8 inch	103321	6	6	12	24
51	Bolt, 3/8-16 x 7/8 inch	179838	6	6	12	24
52	O-ring, 1.421 inch ID	6836923	1	1	2	4
53	Plug, 0.060 inch Orifice	6837821	1	1	2	4
54	Spring, Auto Flow Regulator Valve, 0.437 ID x 1.876 inch	6770573	1	1	2	4
55	Pin, Guide, Auto Flow Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
56	Valve, Auto Flow Regulator	6758459	1	1	2	4
57	Seat, Auto Flow Regulator Valve	6773243	1	1	2	4
58	Spring, Return, Auto Flow Regulator Valve	6773365	1	1	2	4
59–62	Not Used In This Group.					
63	Gasket, Lube Pressure Regulator Valve Cover	29503803	1	1	2	4
64	Cover, Lube Pressure Regulator Valve	6758216	1	1	1	2
65	Lockwasher, 3/8 inch	103321	4	4	8	16
66	Bolt, 3/8-16 x 3/4 inch	179837	4	4	8	16
67	Gasket, Converter Housing	6779451	1	1	2	4
68	O-ring, 1.541 inch ID	6830021	2	2	4	8
69	Tube, Oil Pump Suction	6768770	1	1	1	2

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GROUP 07-A *(cont'd)*

Torque Converter Housing, Figure 07
Non-Vented Priority Ground Sleeve, With Retarder

NOTE: See SIL 64-TR-83 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
70	Sealring Kit. Kit Contains 23016656 Butt-Joint Sealring, 4.625 inch OD.	23019731	1	1	2	4
71	Sleeve, Converter Ground. See SIL 09-TR-08.	6775834	1	1	1	2
72	Bolt, Hexlock, 1/2-13 x 1 1/8 inch	9409127	5	5	10	20
73–75	Not Used In This Group.					
76	Sealring Kit. Kit Contains 23016655 Butt-Joint Sealring, 1 3/4 inch OD.	23019730	1	1	2	4
77	Sealring Kit. Kit Contains 23016654 Butt-Joint Sealring, 2.585 inch OD.	23019649	3	3	6	12
78	Not Used In This Group.					
79	Shaft, Turbine	6778435	1	1	1	2
80–83	Not Used In This Group					
84	O-ring, 2.217 inch ID	6774290	1	1	2	4
85	Sealring Kit. Kit Contains 23016653 Butt-Joint Sealring, 1 1/2 inch OD.	23019729	1	1	2	4
86–89	Not Used In This Group.					

GROUP 07-B

Torque Converter Housing, Figure 07
Variable Stator, With Retarder

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
71	Not Used In This Group.					
73	Sleeve Assembly, Converter Ground	6778441 ***	1			
74	Sleeve, Converter Ground	6778474 ***	1			
75	Sleeve, Oil Transfer	6778440 ***	1			

07

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GROUP 07-C

Torque Converter Housing, Figure 07
Variable Stator, Without Retarder, With Pitot

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter. When Replacing 6836930, 23017434, Or 29525043 Converter Housing Assembly With 29537273 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537273	1	1	1	1
16–17	Not Used In This Group.					
19	Not Used In This Group.					
24	Bolt, 5/16-24 x 2 1/2 inch	181349	2	2	4	8
25	Lockstrip	6758415	1	1	2	4
31	Tube, Pitot	6773997	1	1	1	2
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
71–72	Not Used In This Group.					
73	Sleeve Assembly, Converter Ground	6779894 ***	1			
74	Sleeve, Converter Ground	6779895 ***	1			
75	Sleeve, Oil Transfer	6778440 ***	1			
78	Shaft, Turbine	6831068	1	1	1	2
79–83	Not Used In This Group.					
86	Bearing Assembly, Single-Row Ball. See SIL 18-TR-90.	23047999	1	1	2	4
87	Hub, Oil Transfer. See SIL 18-TR-90.	6758376	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

GROUP 07-D

Torque Converter Housing, Figure 07
Vented Cascade Ground Sleeve, Without Retarder, With Pitot

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter. When Replacing 6836930, 23017434, Or 29525043 Converter Housing Assembly With 29537273 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537273	1	1	1	1
16–17	Not Used In This Group.					
19	Not Used In This Group.					
24	Bolt, 5/16-24 x 2 1/2 inch	181349	2	2	4	8

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GROUP 07-D *(cont'd)*

Torque Converter Housing, Figure 07
Vented Cascade Ground Sleeve, Without Retarder, With Pitot

NOTE: See SIL 64-TR-83 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
25	Lockstrip	6758415	1	1	2	4
31	Tube, Pitot	6773997	1	1	1	2
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
71	Sleeve, Converter Ground. Used Prior To S/N 3110096519. See SIL 18-TR-90 And SIL 09-TR-08.	6774712	1	1	1	2
71	Sleeve, Converter Ground. Used Starting With S/N 3110096519. See SIL 18-TR-90 And SIL 09-TR-08.	23048636	1	1	1	2
72–75	Not Used In This Group.					
78	Shaft, Turbine	6831068	1	1	1	2
79–83	Not Used In This Group.					
86	Bearing Assembly, Single-Row Ball. Used Prior To S/N 3110096519. See SIL 18-TR-90.	23047999	1	1	2	4
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250. Used Starting With S/N 3110096519. See SIL 18-TR-90.	29507729	1	1	2	4
87	Hub, Oil Transfer. Used Prior To S/N 3110096519. See SIL 18-TR-90.	6758376	1	1	1	2
87	Hub, Oil Transfer. Used Starting With S/N 3110096519. See SIL 18-TR-90.	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

GROUP 07-E

Torque Converter Housing, Figure 07
Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter. When Replacing 6836930, 23017434, Or 29525043 Converter Housing Assembly With 29537273 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537273	1	1	1	1
19	Not Used In This Group.					
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8

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GROUP 07-E *(cont'd)*

Torque Converter Housing, Figure 07

Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
71	Sleeve, Converter Ground. See SIL 09-TR-08.	23048636	1	1	1	2
72–75	Not Used In This Group.					
78	Shaft, Turbine	6831068	1	1	1	2
79–83	Not Used In This Group.					
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

GROUP 07-F

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, Without Retarder, With Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter. When Replacing 6836930, 23017434, Or 29525043 Converter Housing Assembly With 29537273 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537273	1	1	1	1
16–17	Not Used In This Group.					
19	Not Used In This Group.					
24	Bolt, 5/16-24 x 2 1/2 inch	181349	2	2	4	8
25	Lockstrip	6758415	1	1	2	4
31	Tube, Pitot	6773997	1	1	1	2
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
71	Sleeve, Converter Ground. See SIL 09-TR-08.	29501206	1	1	1	2
72–75	Not Used In This Group.					
78	Shaft, Turbine	6831068	1	1	1	2
79–83	Not Used In This Group.					
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

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GROUP 07-G

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter. When Replacing 6836930, 23017434, Or 29525043 Converter Housing Assembly With 29537273 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537273	1	1	1	1
19	Not Used In This Group.					
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
71	Sleeve, Converter Ground. See SIL 09-TR-08.	29501206	1	1	1	2
72–75	Not Used In This Group.					
78	Shaft, Turbine	6831068	1	1	1	2
79–83	Not Used In This Group.					
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

07

GROUP 07-H

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
54–62	Not Used In This Group.					
71	Sleeve, Converter Ground. See SIL 09-TR-08.	29501206	1	1	1	2

GROUP 07-J

Torque Converter Housing, Figure 07

Non-Vented Priority Ground Sleeve, With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Housing Assembly, Converter	29537274	1	1	1	1
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Plug Assembly, 1 5/8-12	29525051	2	2	4	8
20	Plug Assembly, 1 1/16-12	29527480	1	1	2	4

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GROUP 07-J *(cont'd)*

Torque Converter Housing, Figure 07

Non-Vented Priority Ground Sleeve, With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
21	Plug Assembly, 1 3/16-12	29525050	1	1	2	4
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4

GROUP 07-K

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Bearing Assembly, Roller	29539004	1	1	2	4
7	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
10	Housing Assembly, Converter	29537273	1	1	1	1
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Not Used In This Group.					
20	Plug Assembly, 11/16-12	29527480	1	1	2	4
21	Plug Assembly, 13/16-12	29525050	1	1	2	4
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
70	Sealring Kit. Kit Contains 29544549 Sealring.	29547615	1	1	2	4
71	Sleeve, Converter Ground	29544500	1	1	1	2
72–75	Not Used In This Group.					
77	Sealring Kit. Kit Contains Two 23016658 Butt-Joint Sealrings, 3.562 inch OD.	23019651	1	2	4	8
78–79	Not Used In This Group.					
80	Shaft Assembly, Turbine, Non-Retarder	29547653	1	1	2	4
81	Sleeve, Turbine Shaft	29547644	1	1	1	2
82	Shaft, Turbine	29544531	1	1	1	2
83	Not Used In This Group					
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

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GROUP 07-L

Torque Converter Housing, Figure 07
Non-Vented Cascade Ground Sleeve, With Retarder
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Bearing Assembly, Roller	29539004	1	1	2	4
7	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
10	Housing Assembly, Converter	29537274	1	1	1	1
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Plug Assembly, 15/8-12	29525051	2	2	4	8
20	Plug Assembly, 11/16-12	29527480	1	1	2	4
21	Plug Assembly, 13/16-12	29525050	1	1	2	4
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
54–62	Not Used In This Group.					
70	Sealring Kit. Kit Contains 29544549 Sealring.	29547615	1	1	2	4
71	Sleeve, Converter Ground	29544500	1	1	1	2
77	Sealring Kit. Kit Contains Two 23016658 Butt-Joint Sealrings, 3.562 inch OD.	23019651	1	1	2	4
78–79	Not Used In This Group.					
80	Shaft Assembly, Turbine, Retarder	29547654	1	1	2	4
81	Sleeve, Turbine Shaft	29547644	1	1	1	2
82	Not Used In This Group.					
83	Shaft, Turbine	29544532	1	1	1	2

07

GROUP 07-M

Torque Converter Housing, Figure 07
Non-Vented Priority Ground Sleeve, With Retarder

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-13 x 2 1/2 inch	179891	1	1	2	4
2	Lockwasher, 1/2 inch	103323	1	1	2	4
3	Spindle, Idler Gear	6774736	1	1	1	2
4	Gear, Oil Pump Drive Idler	6774735	1	1	1	2
5	Bearing Assembly, Roller	29539004	1	1	2	4
6	Ring, Retaining, Internal, 5.546 inch OD	8892840	1	1	2	4
7	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
8	Spacer, Accessory Drive Gear, 1.790 ID x 2.315 OD x 0.380 inch	6756338	1	1	1	2
9	Gear, Oil Pump Drive	6755986	1	1	1	2
10	Housing Assembly, Converter	29537274	1	1	1	1
11	Housing, Converter	29537272 *	1			
12	Plug, Square Socket Pipe, 1/2-14	23012038	1	1	2	4
13	Plug, Square Socket Pipe, 1/4-27	444654	1	1	2	4
14	Pin, Dowel, 3/4 x 1 1/4 inch	107393 *	2			
15	Pin, Dowel, 7/16 x 1 inch	141264 *	4			

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GROUP 07-M *(cont'd)*

Torque Converter Housing, Figure 07
Non-Vented Priority Ground Sleeve, With Retarder

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
16	Plug, Hex Socket Pipe, 1/8-27	444687	3	3	6	12
17	Screw, Drive, No. 6 x 3/8 inch	145067	1	1	2	4
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Plug Assembly, 1 5/8-12	29525051	2	2	4	8
20	Plug Assembly, 1 1/16-12	29527480	1	1	2	4
21	Plug Assembly, 1 3/16-12	29525050	1	1	2	4
22	Plug, Square Socket Pipe, 1-11 1/2	444678	3	3	6	12
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
24–25	Not Used In This Group.					
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
27	Retainer, Speed Sensor	29503843	1	1	1	2
28	O-ring, 0.614 inch ID	29503383	1	1	2	4
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
30	Speed Sensor Cover	29536988	1	1	2	4
31	Not Used In This Group.					
32	Hose Assembly Kit, Input Pressure	29544228	1	1	1	2
33	Split Flange Assembly	29501462	2	2	4	8
34	O-ring, 1.478 inch ID	6830007	1	1	2	4
35	Flange, Split	6779125 *	2			
36	Lockwasher, 7/16 inch	103322	4	4	8	16
37	Bolt, 7/16-14 x 1 1/4 inch	179860	4	4	8	16
38	Hose Assembly, Input Pressure	23046148	1	1	2	4
39	O-ring, 1.478 inch ID	6830007	1	1	2	4
40	Block Kit, Input Press. See SIL 01-TR-10.	29544234	1	1	2	4
41	Block, Hose Connecting	29544227	1	1	1	2
42	Lockwasher, 7/16 inch	103322	4	4	8	16
43	Bolt, 7/16-14 x 2 inch	179868	2	2	4	8
44	Bolt, 7/16-14 x 2 1/4 inch	179867	2	2	4	8
45	Hub, Oil Pump Drive Gear	6769509	1	1	1	2
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
47	Ring, Retaining, Internal, 3.570 inch OD	6753487	1	1	2	4
48	Gasket, Accessory Drive Cover	6882702	1	1	2	4
49	Cover, Accessory Drive	6758337	1	1	1	2
50	Lockwasher, 3/8 inch	103321	6	6	12	24
51	Bolt, 3/8-16 x 7/8 inch	179838	6	6	12	24
52	O-ring, 1.421 inch ID	6836923	1	1	2	4
53	Plug, 0.060 inch Orifice	6837821	1	1	2	4
54	Spring, Auto Flow Regulator Valve, 0.437 ID x 1.876 inch	6770573	1	1	2	4
55	Pin, Guide, Auto Flow Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
56	Valve, Auto Flow Regulator	6758459	1	1	2	4
57	Seat, Auto Flow Regulator Valve	6773243	1	1	2	4
58	Spring, Return, Auto Flow Regulator Valve	6773365	1	1	2	4
59–62	Not Used In This Group.					
63	Gasket, Lube Pressure Regulator Valve Cover	29503803	1	1	2	4
64	Cover, Lube Pressure Regulator Valve	6758216	1	1	1	2

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GROUP 07-M *(cont'd)*

Torque Converter Housing, Figure 07

Non-Vented Priority Ground Sleeve, With Retarder

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
65	Lockwasher, 3/8 inch	103321	4	4	8	16
66	Bolt, 3/8-16 x 3/4 inch	179837	4	4	8	16
67	Gasket, Converter Housing	6779451	1	1	2	4
68	O-ring, 1.541 inch ID	6830021	2	2	4	8
69	Tube, Oil Pump Suction	6768770	1	1	1	2
70	Sealring Kit. Kit Contains 29544549 Sealring.	29547615	1	1	2	4
71	Sleeve, Converter Ground	29544502	1	1	1	2
72	Bolt, Hexlock, 1/2-13 x 1 1/8 inch	9409127	5	5	10	20
73–75	Not Used In This Group.					
76	Sealring Kit. Kit Contains 23016655 Butt-Joint Sealring, 1 3/4 inch OD.	23019730	1	1	2	4
77	Sealring Kit. Kit Contains Two 23016658 Butt-Joint Sealrings, 3.562 inch OD. Three Sealrings Used In This Location	23019651	2	2	4	8
78–79	Not Used In This Group.					
80	Shaft Assembly, Turbine, Retarder	29547654	1	1	2	4
81	Sleeve, Turbine Shaft	29547644	1	1	1	2
82	Not Used In This Group					
83	Shaft, Turbine	29544532	1	1	1	2
84	O-ring, 2.217 inch ID	6774290	1	1	2	4
85	Sealring Kit. Kit Contains 23016653 Butt-Joint Sealring, 1 1/2 inch OD.	23019729	1	1	2	4
86–89	Not Used In This Group.					

07

GROUP 07-N

Torque Converter Housing, Figure 07

Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Bearing Assembly, Roller	29539004	1	1	2	4
7	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
10	Housing Assembly, Converter	29537273	1	1	1	1
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Not Used In This Group.					
20	Plug Assembly, 11/16-12	29527480	1	1	2	4
21	Plug Assembly, 13/16-12	29525050	1	1	2	4
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
54–58	Not Used In This Group.					
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8

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GROUP 07-N *(cont'd)*

Torque Converter Housing, Figure 07

Vented Cascade Ground Sleeve, Without Retarder, Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
70	Sealring Kit. Kit Contains 29544549 Sealring.	29547615	1	1	2	4
71	Sleeve, Converter Ground	29544501	1	1	1	2
72–75	Not Used In This Group.					
77	Sealring Kit. Kit Contains Two 23016658 Butt-Joint Sealrings, 3.562 inch OD. Three Sealrings Used In This Location	23019651	2	2	4	8
78–79	Not Used In This Group.					
80	Shaft Assembly, Turbine, Non-Retarder	29547653	1	1	2	4
81	Sleeve, Turbine Shaft	29547644	1	1	1	2
82	Shaft, Turbine	29544531	1	1	1	2
83	Not Used In This Group					
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

GROUP 07-P

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, Without Retarder, With Pitot

Same As Group A, Except For Parts Listed Below

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Bearing Assembly, Roller	29539004	1	1	2	4
7	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
10	Housing Assembly, Converter	29537273	1	1	1	1
16–17	Not Used In This Group.					
18	Plug Assembly, 1/2-20	29525046	1	1	2	4
19	Not Used In This Group.					
20	Plug Assembly, 11/16-12	29527480	1	1	2	4
21	Plug Assembly, 13/16-12	29525050	1	1	2	4
23	Plug Assembly, 3/4-16	29542780	1	1	2	4
24	Bolt, 5/16-24 x 2 1/2 inch	181349	2	2	4	8
25	Lockstrip	6758415	1	1	2	4
26	Speed Sensor Assembly, Engine	29543432	1	1	1	2
29	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4
31	Tube, Pitot	6773997	1	1	1	2
40	Block Kit, Input Press	29544234	1	1	2	4
46	Bearing Assembly, Single-Row Ball	23047992	1	1	2	4
54–58	Not Used In This Group.					

(continued on next page)

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GROUP 07-P *(cont'd)*

Torque Converter Housing, Figure 07

Non-Vented Cascade Ground Sleeve, Without Retarder, With Pitot

Same As Group A, Except For Parts Listed Below

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
59	Valve, Lube Pressure Regulator	6753544	1	1	2	4
60	Washer, Flat, 3/8 inch	103341	AR	2	4	8
61	Spring, Lube Pressure Regulator Valve, 0.670 OD x 3.231 inch	6771249	1	1	2	4
62	Pin, Guide, Lube Pressure Regulator Valve, 0.374 x 3.900 inch	6755403	1	1	2	4
70	Sealring Kit. Kit Contains 29544549 Sealring.	29547615	1	1	2	4
71	Sleeve, Converter Ground	29544500	1	1	1	2
72–75	Not Used In This Group.					
76	Sealring Kit. Kit Contains 23016655 Butt-Joint Sealring, 1.750 inch OD.	23019730	1	1	2	4
77	Sealring Kit. Kit Contains 23016658 Butt-Joint Sealring, 3.562 inch OD	23019651	3	3	6	12
78–79	Not Used In This Group.					
80	Shaft Assembly, Turbine, Non-Retarder	29547653	1	1	2	4
81	Sleeve, Turbine Shaft	29547644	1	1	2	4
82	Shaft, Turbine	29544531	1	1	2	4
83	Not Used In This Group					
85	Sealring Kit. Kit Contains 23016653 Butt-Joint Sealring, 1.500 inch OD.	23019729	1	1	2	4
86	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly And 29507727 Instruction Sheet No. 250.	29507729	1	1	2	4
87	Hub, Oil Transfer	23014166	1	1	1	2
88	Lockwasher, 1/2 inch	103323	5	5	10	20
89	Bolt, 1/2 x 1 3/4 inch	179887	5	5	10	20

07

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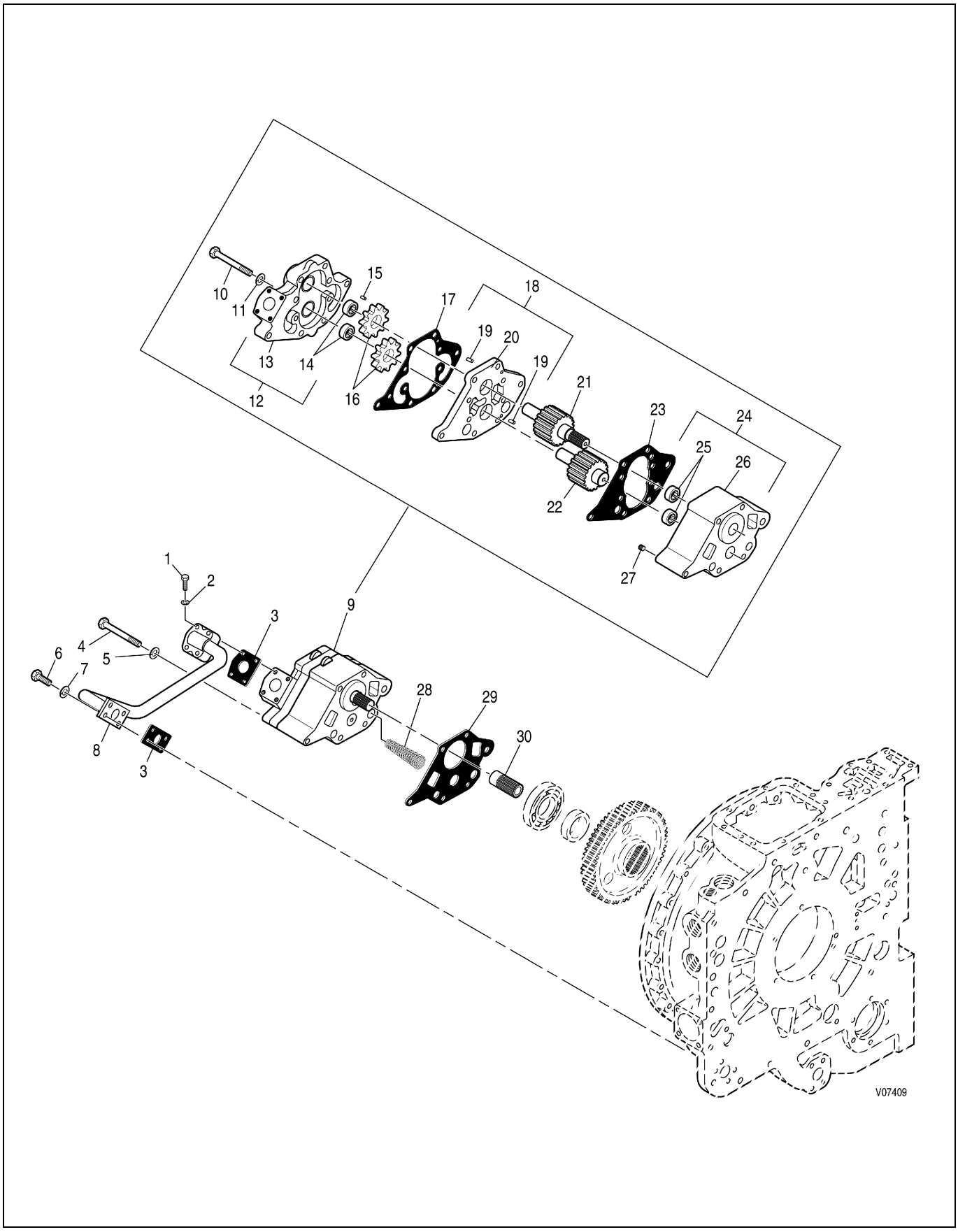


Figure 08. Oil Pump

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GROUP 08-A

Oil Pump, Figure 08

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 3/8-16 x 1 3/4 inch	179845	4	4	8	16
2	Lockwasher, 3/8 inch	103321	4	4	8	16
3	Gasket, Scavenge Oil Discharge Tube	6758218	2	2	4	8
4	Bolt, 3/8-16 x 5 inch	9418964	6	6	12	24
5	Lockwasher, 3/8 inch	103321	6	6	12	24
6	Bolt, 3/8-16 x 1 inch	179839	4	4	8	16
7	Washer, Flat Copper, 3/8 inch	9415545	4	4	8	16
8	Tube Assembly, Scavenge Oil Discharge	6769729	1	1	1	2
9	Oil Pump Assembly, Input Pressure And Scavenge	6880125	1	1	1	2
10	Bolt, 3/8-16 x 2 1/4 inch	179848	4	4	8	16
11	Lockwasher, 3/8 inch	103321	4	4	8	16
12	Body Assembly, Scavenge Pump	6834181	1	1	1	2
13	Body, Scavenge Pump	6834182 *	1			
14	Bearing Assembly, Roller	29552652	2	2	4	8
15	Bearing, Roller, 1/8 x 3/8 inch	6758530	1	1	2	4
16	Gear, Scavenge Pump	6834180	2	2	2	4
17	Gasket, Scavenge Pump Body	6769413	1	1	2	4
18	Plate Assembly, Input Pump	6834183	1	1	1	2
19	Pin, Dowel, 1/4 x 3/4 inch	6838429	2	2	4	8
20	Plate, Input Pump	6834184 *	1			
21	Gear, Drive, Input Pump	6769722	1	1	1	2
22	Gear, Idler, Input Pump	6769720	1	1	1	2
23	Gasket, Input Pump Plate	6756124	1	1	2	4
24	Body Assembly, Input Pump	6880127	1	1	1	2
25	Bearing Assembly, Roller	29552652	2	2	4	8
26	Body, Input Pump	6880128 *	1			
27	Ring, Star Tolerance	6880124	6	6	12	24
28	Screen, Scavenge Pump	6776451	1	1	2	4
29	Gasket, Input Pump Body	6756002	1	1	2	4
30	Coupling, Oil Pump Drive Gear	6881547	1	1	1	2

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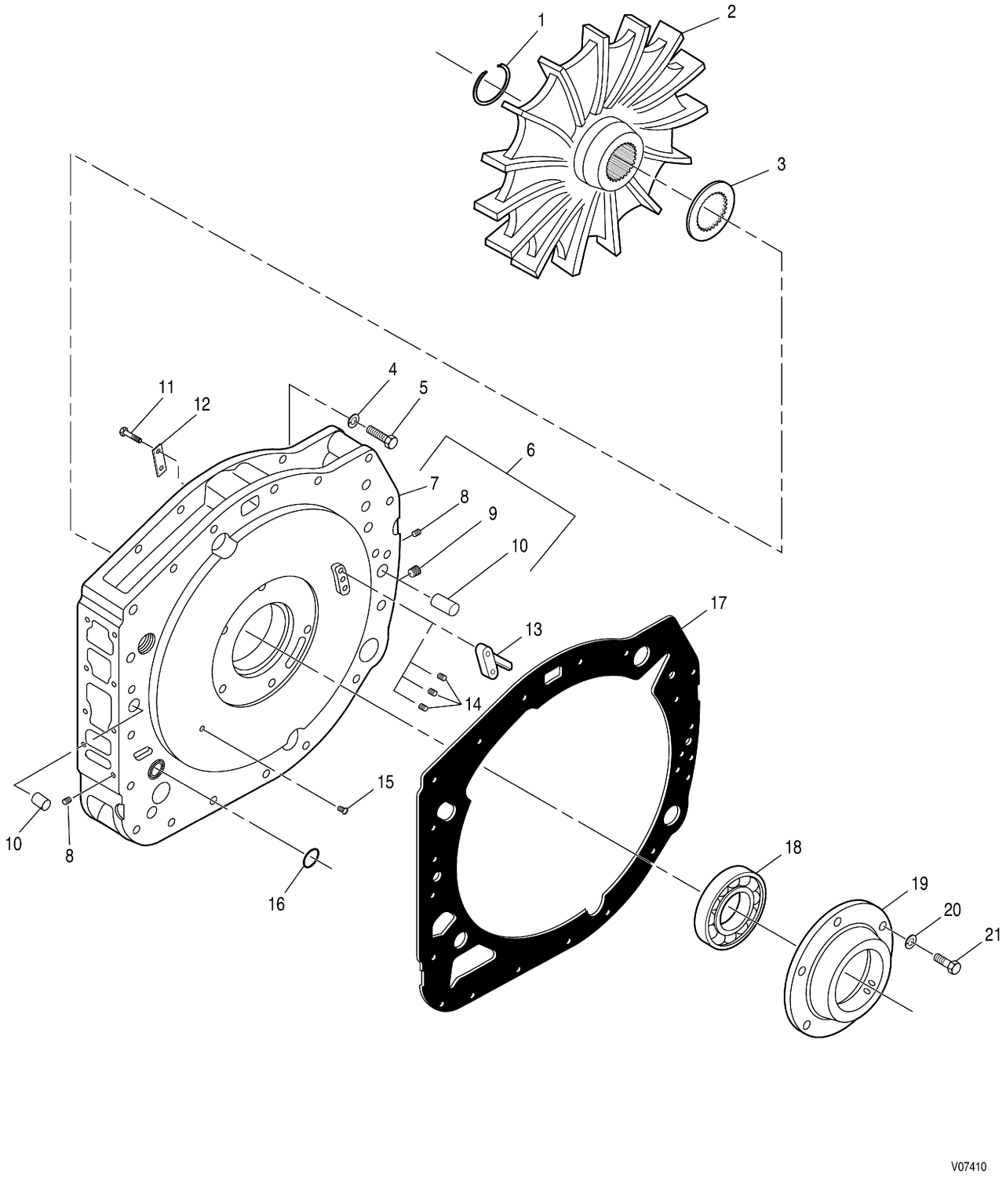


Figure 09. Retarder

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GROUP 09-A

Retarder, Figure 09
With Pitot

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Ring, Retaining, External, 2.593 inch ID	6754835	1	1	2	4
2	Rotor, Retarder	6880323	1	1	1	2
3	Washer, Retarder Rotor	6769107	1	1	2	4
4	Lockwasher, 1/2 inch	103323	7	7	14	28
5	Bolt, 1/2-13 x 1 1/2 inch	179885	7	7	14	28
6	Housing Assembly, Retarder. See SIL 18-TR-90.	23048643	1	1	1	1
7	Housing, Retarder	23048635	1	1	1	1
8	Plug, Hex Socket Pipe, 1/8-27	23014911	2	2	4	8
9	Plug, Square Socket Pipe, 1/4-27	23014599	1	1	2	4
10	Pin, Dowel, 3/4 x 1 1/4 inch	107393	2	2	4	8
11	Bolt, 5/16-24 x 2 1/8 inch	446586	2	2	4	8
12	Lockstrip	6758415	1	1	2	4
13	Tube, Pitot	6773996	1	1	1	2
14–15	Not Used In This Group.					
16	O-ring, 1.421 inch ID	6836923	1	1	2	4
17	Gasket, Retarder Housing	6779451	1	1	2	4
18	Bearing Assembly, Single-Row Ball. Used Prior To 23048635 Housing. See SIL 18-TR-90.	23047999	1	1	2	4
18	Bearing Kit. Kit Contains 29502065 Single-Row Ball Bearing Assembly. Used Starting With 23048635 Housing. See SIL 18-TR-90.	29507729	1	1	2	4
19	Hub, Oil Transfer. Used Prior To 23048635 Housing. See SIL 18-TR-90.	6758376	1	1	1	2
19	Hub, Oil Transfer. Used Starting With 23048635 Housing. See SIL 18-TR-90.	23014166	1	1	1	2
20	Lockwasher, 1/2 inch	103323	5	5	10	20
21	Bolt, 1/2-13 x 1 1/4 inch	179883	5	5	10	20

GROUP 09-B

Retarder, Figure 09
Without Pitot

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
11–13	Not Used In This Group.					
14	Plug, Hex Socket Pipe, 1/8-27	444687	3	3	6	12
15	Screw, Drive, No. 6 x 3/8 inch	145067	1	1	2	4

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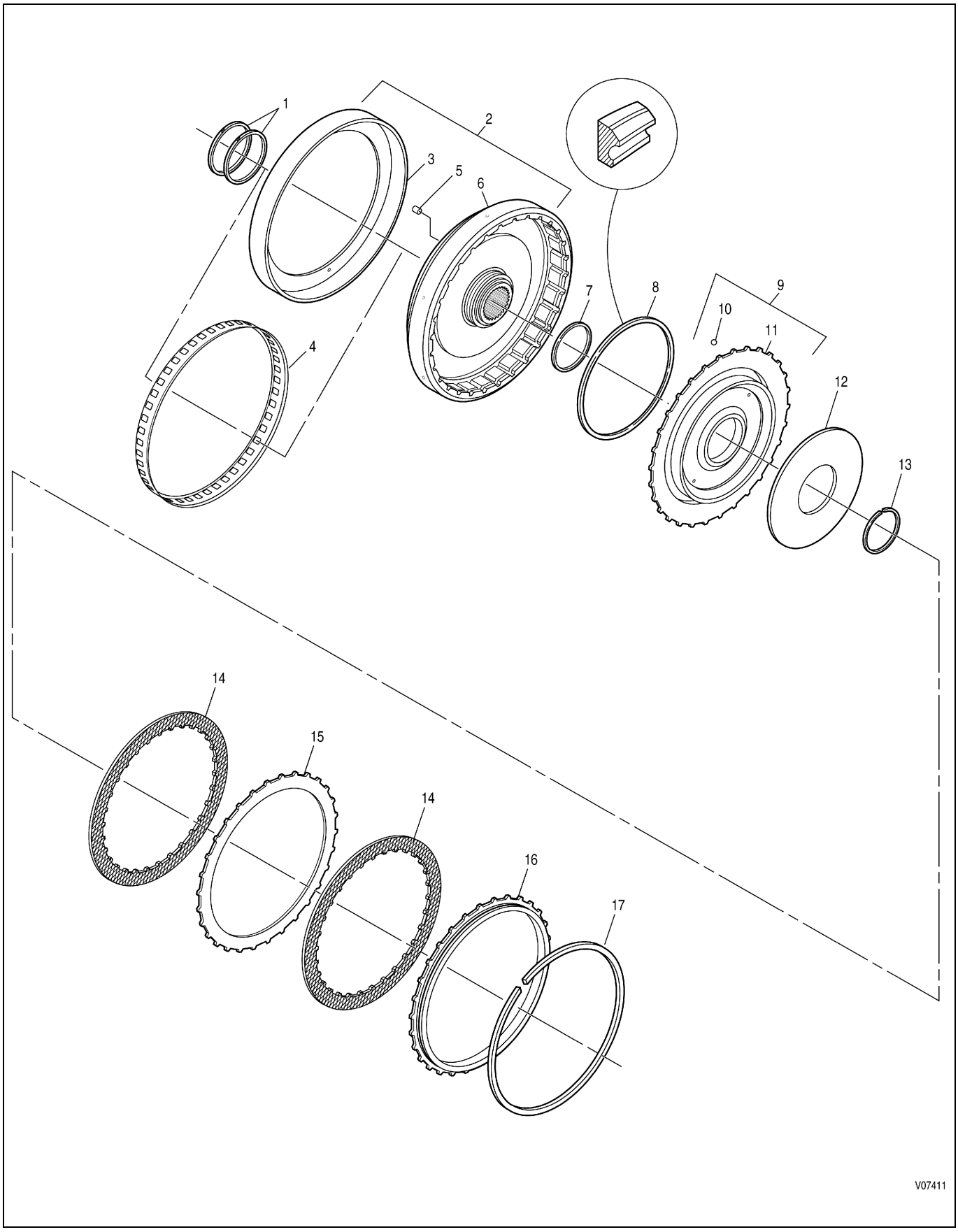


Figure 10A. Splitter-Low Clutch *(5000, 6000, 5600)*

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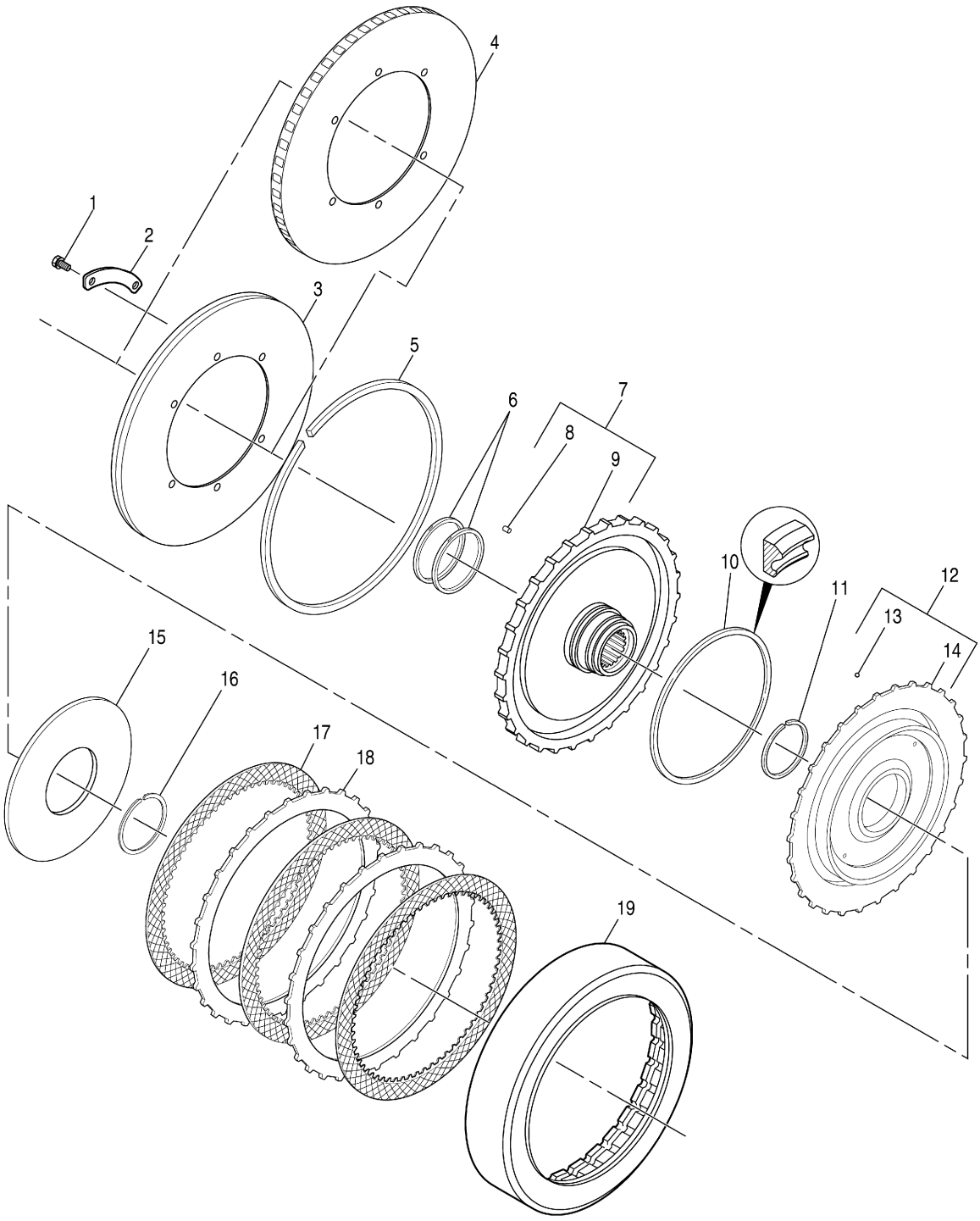


Figure 10B. Splitter-Low Clutch *(6600)*

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NOTES

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GROUP 10-A

Splitter-Low Clutch, Figure 10A
5000, 6000, 5600 With Or Without Pitot, Without Tone Wheel

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Sealring Kit. Kit Contains 23016679 Butt-Joint Sealring, 4.188 inch OD.	23019650	2	2	4	8
2	Drum Assembly, Splitter-Low Clutch	6832037	1	1	1	2
3	Ring, Pitot Collector	6758417	1	1	1	2
4	Not Used In This Group.					
5	Pin, Dowel, 0.309 x 5/16 inch	6777242 *	8			
6	Drum, Splitter-Low Clutch	6832091 *	1			
7	Sealring, 3.600 inch ID	6770623	1	1	2	4
8	Sealring, External Lip-Type, 10.570 inch ID	6832481	1	1	2	4
9	Piston Assembly, Splitter-Low Clutch	6775840	1	1	1	2
10	Ball, Check, 1/4 inch	453570 *	4			
11	Piston, Splitter-Low Clutch	6775839 *	1			
12	Spring, Piston Return, Splitter-Low Clutch	6756042	1	1	1	2
13	Ring, Retaining, External, 3.484 inch ID	6756041	1	1	2	4
14	Plate, Internal-Splined Friction, Splitter-Low Clutch	23041616	2	2	4	8
15	Plate, External-Tanged Reaction, Splitter-Low Clutch	6769326	1	1	2	4
16	Backplate, Splitter-Low Clutch	6770848	1	1	1	2
17	Ring, Retaining, Internal, 15.744 inch OD	6755100	1	1	2	4

GROUP 10-B

Splitter-Low Clutch, Figure 10A
5600 Without Pitot, With Tone Wheel

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Drum Assembly, Splitter-Low Clutch	29537450	1	1	1	2
3	Not Used In This Group.					
4	Wheel, Tone	29536773	1	1	1	2

10

GROUP 10-C

Splitter-Low Clutch, Figure 10B
6600 With Pitot, Without Tone Wheel

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, Hexlock Patchlock, 5/16-24 x 1/2 inch	23017810	6	6	12	24
2	Plate	6776626	3	3	3	6
3	Ring, Pitot Collector	6776627	1	1	1	2
4	Not Used In This Group.					
5	Ring, Retaining, Internal, 16.760 inch OD	23011150	1	1	2	4
6	Sealring Kit. Kit Contains 23016679 Butt-Joint Sealring, 4.188 inch OD.	23019650	2	2	4	8

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GROUP 10-C *(cont'd)*

Splitter-Low Clutch, Figure 10B
6600 With Pitot, Without Tone Wheel

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Hub Assembly, Splitter-Low Clutch. See SIL 24-TR-96 And SIL 05-TR-97	29533089	1	1	1	2
8	Pin, Dowel, 0.309 x 5/16 inch	6777242 *	8			
9	Hub, Splitter-Low Clutch	29533088 *	1			
10	Sealring, External Lip-Type, 10.570 inch ID	6832481	1	1	2	4
11	Sealring, 3.600 inch ID	6770623	1	1	2	4
12	Piston Assembly, Splitter-Low Clutch	6777908	1	1	1	2
13	Ball, Check, 1/4 inch	453570 *	4			
14	Piston, Splitter-Low Clutch	6777907 *	1			
15	Spring, Piston Return, Splitter-Low Clutch	6756042	1	1	2	4
16	Ring, Retaining, External, 3.484 inch ID	6756041	1	1	2	4
17	Plate, Internal-Splined Friction, Splitter-Low Clutch	23041616	3	3	6	12
18	Plate, External-Tanged Reaction, Splitter-Low Clutch	6776610	2	2	4	8
19	Drum, Splitter-Low Clutch	6777814	1	1	1	2

GROUP 10-D

Splitter-Low Clutch, Figure 10B
6600 Without Pitot, Without Tone Wheel

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–4	Not Used In This Group.					

GROUP 10-E

Splitter-Low Clutch, Figure 10B
6600 Without Pitot, With Tone Wheel

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Not Used In This Group.					
4	Wheel, Tone	29537449	1	1	1	2

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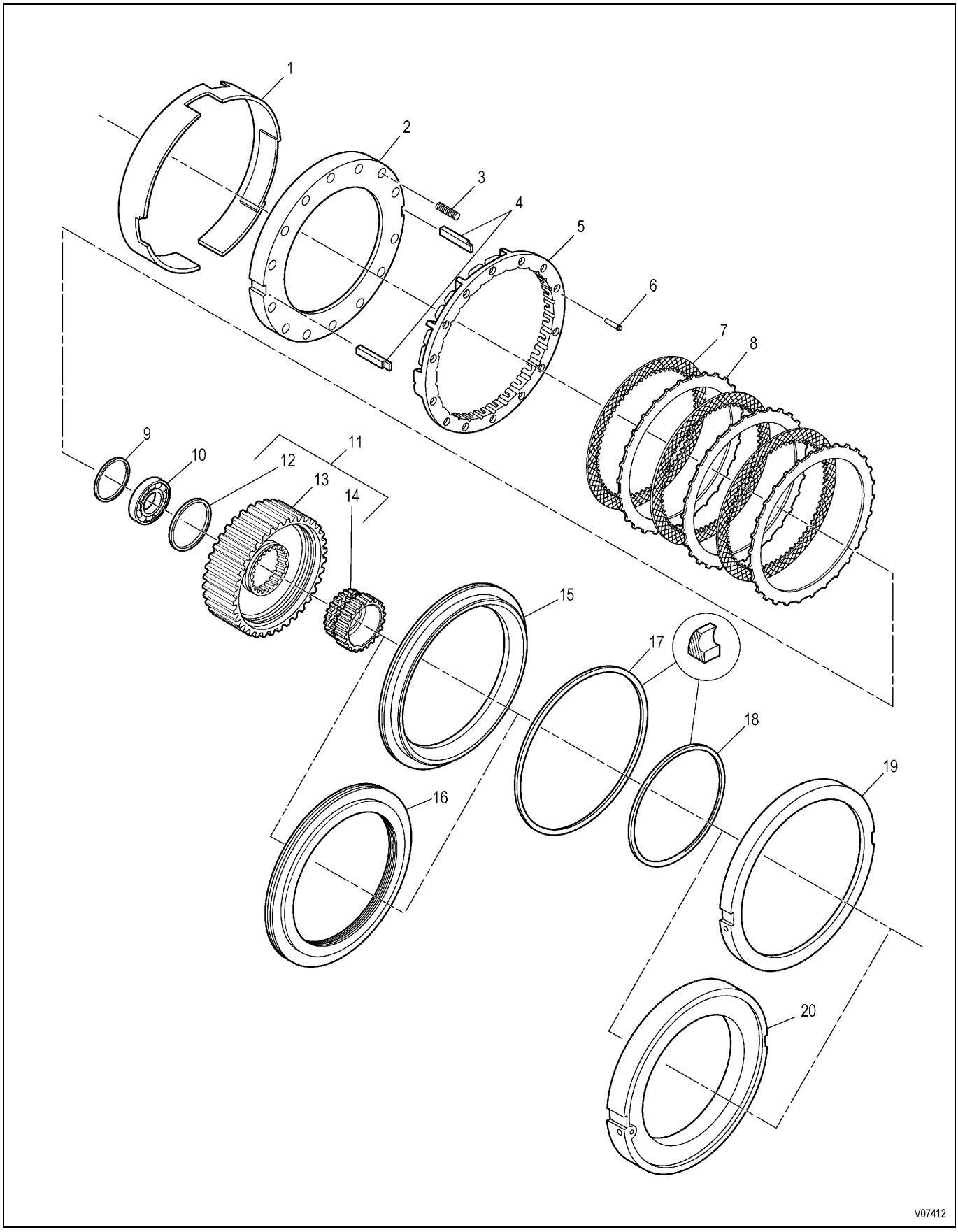


Figure 11. Splitter-High Clutch

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GROUP 11-A

Splitter-High Clutch, Figure 11
6000, 5600 With Retarder

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Spacer, Splitter-High Clutch	29537419	1	1	1	2
2	Backplate, Splitter-High Clutch	6832869	1	1	1	2
3	Spring, Piston Return, Splitter-High Clutch, 5/8 OD x 1.431 inch	6835742	14	14	28	56
4	Key, Splitter-High Clutch Anchor	6771690	2	2	2	4
5	Anchor, Splitter-High Clutch	6759340	1	1	1	2
6	Pin, Spring Guide	23017739	14	14	28	56
7	Plate, Internal-Splined Friction, Splitter-High Clutch	23041616	3	3	6	12
8	Plate, External-Tanged Reaction, Splitter-High Clutch	6769326	3	3	6	12
9	Ring, Retaining, Internal, 4.546 inch OD	8892840	1	1	2	4
10	Bearing Assembly, Single-Row Ball	23048003	1	1	2	4
11	Gear Assembly, Splitter Sun	23017460	1	1	1	2
12	Ring, Retaining, External, 4.836 inch ID	6769195	1	1	2	4
13	Hub, Splitter Clutch	23017459	1	1	1	2
14	Gear, Splitter Sun	6772143	1	1	1	2
15	Piston, Splitter-High Clutch	6831031	1	1	1	2
16	Not Used In This Group.					
17	Sealring, External Lip-Type, 16.195 inch ID	6832482	1	1	2	4
18	Sealring, External Lip-Type, 14.695 inch ID	6832483	1	1	2	4
19	Housing, Splitter-High Clutch Piston	6770591	1	1	1	2
20	Not Used In This Group.					

GROUP 11-B

Splitter-High Clutch, Figure 11
6000, 5600 Without Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Spacer, Splitter-High Clutch	29537420	1	1	1	2

11

GROUP 11-C

Splitter-High Clutch, Figure 11
5000 With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Spring, Piston Return, Splitter-High Clutch, 0.655 OD x 1.925 inch	6838224	14	14	28	56
5	Anchor, Splitter-High Clutch	6838587 ***	1			
6	Not Used In This Group.					
7	Plate, Internal-Splined Friction, Splitter-High Clutch	23041616	2	2	4	8
8	Plate, External-Tanged Reaction, Splitter-High Clutch	6769326	2	2	4	8

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GROUP 11-C *(cont'd)*

Splitter-High Clutch, Figure 11
5000 With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
11	Gear Assembly, Splitter Sun	6831848	1	1	1	2
13	Hub, Splitter Clutch	6831121	1	1	1	2
15	Not Used In This Group.					
16	Piston, Splitter-High Clutch	6838225	1	1	1	2
17	Sealring, External Lip-Type, 16.445 inch ID	6832484	1	1	2	4
18	Sealring, Internal Lip-Type, 13.180 inch OD	6832485	1	1	2	4
19	Not Used In This Group.					
20	Housing, Splitter-High Clutch Piston	6831159	1	1	1	2

GROUP 11-D

Splitter-High Clutch, Figure 11
5000 Without Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Spacer, Splitter-High Clutch	29537420	1	1	1	2
3	Spring, Piston Return, Splitter-High Clutch, 0.655 OD x 1.925 inch	6838224	14	14	28	56
5	Anchor, Splitter-High Clutch	6838587 ***	1			
6	Not Used In This Group.					
7	Plate, Internal-Splined Friction, Splitter-High Clutch	23041616	2	2	4	8
8	Plate, External-Tanged Reaction, Splitter-High Clutch	6769326	2	2	4	8
11	Gear Assembly, Splitter Sun	6831848	1	1	1	2
13	Hub, Splitter Clutch	6831121	1	1	1	2
15	Not Used In This Group.					
16	Piston, Splitter-High Clutch	6838225	1	1	1	2
17	Sealring, External Lip-Type, 16.445 inch ID	6832484	1	1	2	4
18	Sealring, Internal Lip-Type, 13.180 inch OD	6832485	1	1	2	4
19	Not Used In This Group.					
20	Housing, Splitter-High Clutch Piston	6831159	1	1	1	2

GROUP 11-E

Splitter-High Clutch, Figure 11
6600 With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Backplate, Splitter-High Clutch	6832868	1	1	1	2
7	Plate, Internal-Splined Friction, Splitter-High Clutch	23041616	4	4	8	16

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GROUP 11-E *(cont'd)*

Splitter-High Clutch, Figure 11

6600 With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
8	Plate, External-Tanged Reaction, Splitter-High Clutch	6776610	4	4	8	16
11	Gear Assembly, Splitter Sun	29513912	1	1	1	2
13	Hub, Splitter Clutch	29511631	1	1	1	2

GROUP 11-F

Splitter-High Clutch, Figure 11

6600 Without Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Spacer, Splitter-High Clutch	29537420	1	1	1	2
2	Backplate, Splitter-High Clutch	6832868	1	1	1	2
7	Plate, Internal-Splined Friction, Splitter-High Clutch	23041616	4	4	8	16
8	Plate, External-Tanged Reaction, Splitter-High Clutch	6776610	4	4	8	16
11	Gear Assembly, Splitter Sun	29513912	1	1	1	2
13	Hub, Splitter Clutch	29511631	1	1	1	2

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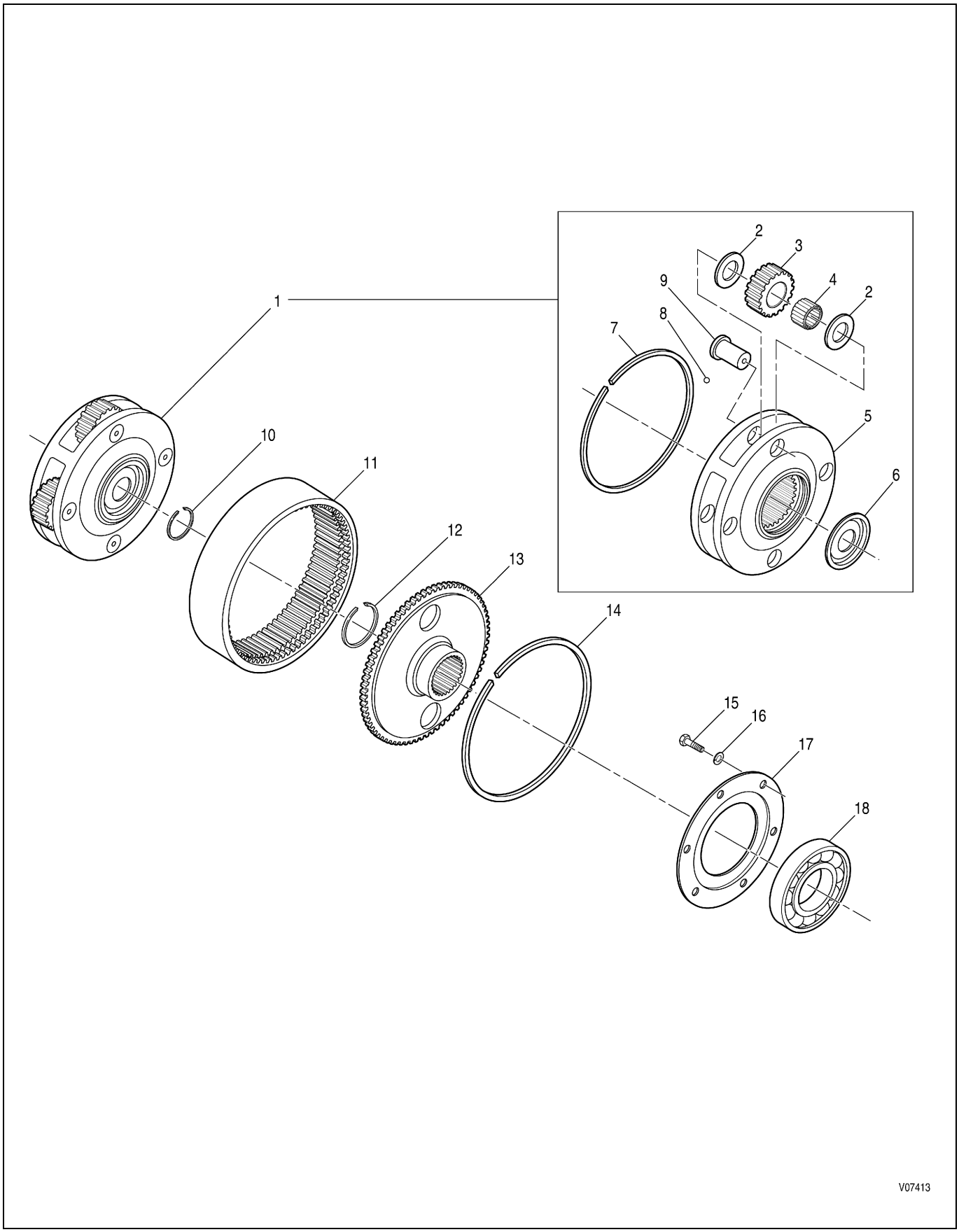


Figure 12. Splitter Planetary

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GROUP 12-A

Splitter Planetary, Figure 12
5000, 6000, 5600

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Carrier Assembly, Splitter Planetary. See SIL 64-TR-83.	6779801	1	1	1	2
2	Washer, Pinion Thrust, 1.267 inch ID	23015601	8	8	8	16
3	Gear Set, Splitter Planetary Pinion. Set Contains Four 6771295 Planetary Pinion Gears.	6771316	1	1	1	2
4	Bearing Assembly, Roller	6884835	4	4	4	8
5	Carrier, Splitter Planetary. See SIL 64-TR-83.	6779802	1	1	1	2
6	Shield, Lube	6774607	1	1	1	2
7	Ring, Retaining, Internal, 9.236 inch OD	6750027	1	1	2	4
8	Ball, Detent, 3/16 inch	453606	4	4	8	16
9	Spindle, Splitter Planetary Pinion. See SIL 03-TR-01.	6839418	4	4	4	8
10	Ring, Retaining, External, 1.310 inch ID	6773402	1	1	2	4
11	Gear, Splitter Ring	6758340	1	1	1	2
12	Ring, Retaining, External, 2.328 inch ID	6750259	1	1	2	4
13	Hub, Splitter Ring Gear	6758367	1	1	1	2
14	Ring, Retaining, Internal, 10.896 inch OD	6773806	1	1	2	4
15	Bolt, Hexlock, 1/2-20 x 1 7/8 inch	9414052	6	6	12	24
16	Lockwasher, Internal-Tooth, 1/2 inch	115551	6	6	12	24
17	Retainer, Center Support Bearing	6758497	1	1	1	2
18	Bearing Assembly, Single-Row Ball	23041458	1	1	2	4

GROUP 12-B

Splitter Planetary, Figure 12
6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
11	Gear, Splitter Ring	6884436	1	1	1	2

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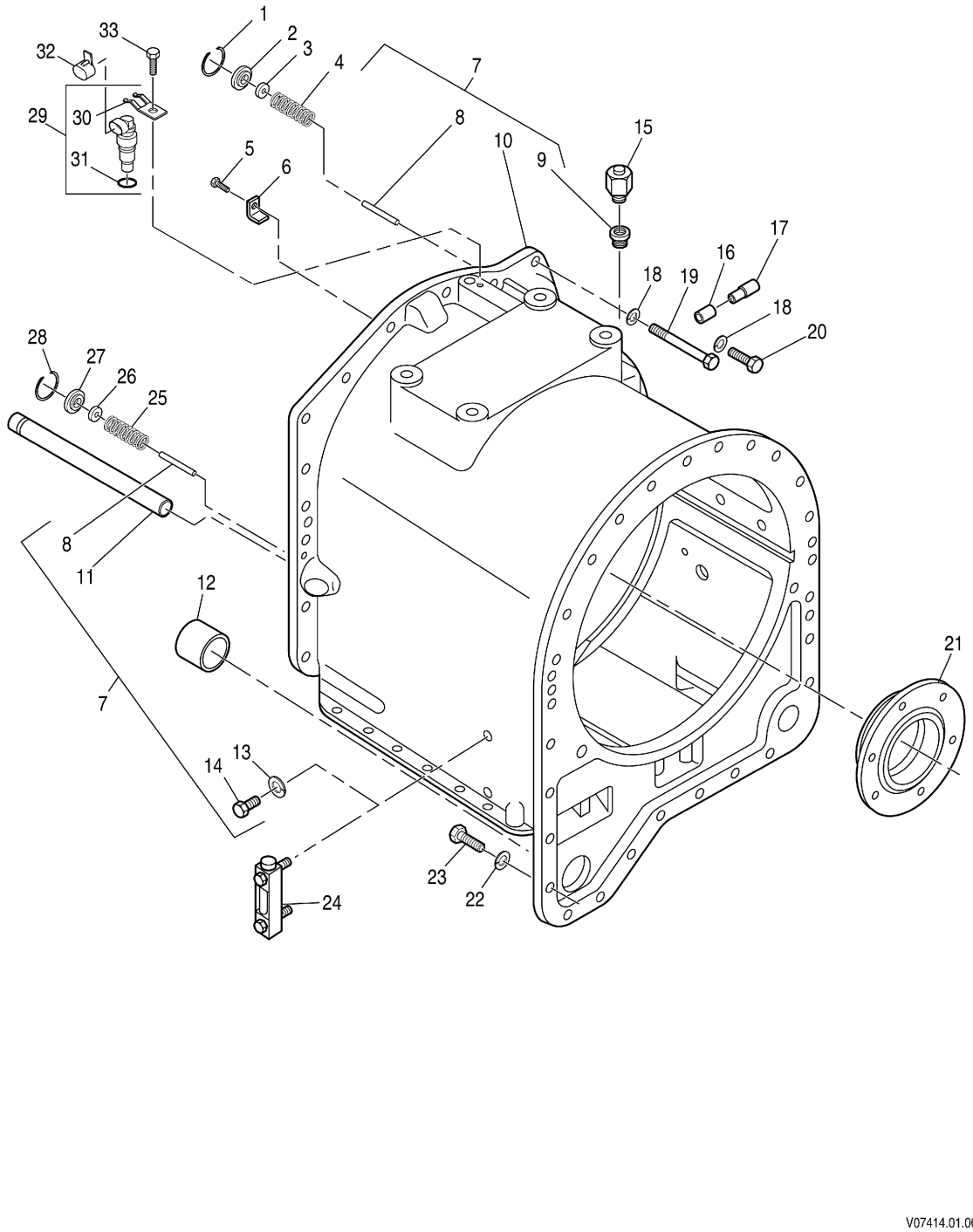


Figure 13. Main Housing

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GROUP 13-A

Main Housing, Figure 13
Straight Through, With Retarder

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Ring, Retaining, Internal, 1.726 inch OD	2219907	1	1	2	4
2	Seat, Converter Pressure Relief Valve	6770571	1	1	2	4
3	Valve, Converter Pressure Relief	6758459	1	1	2	4
4	Spring, Converter Pressure Relief Valve, 0.710 OD x 2.350 inch	6769344	1	1	2	4
5	Bolt, 3/8-16 x 3/4 inch	179837	2	2	4	8
6	Retainer, Clutch	6838686	2	2	4	8
7	Housing Assembly, Main. When Replacing 6839676 Or 23017507 Main Housing Assembly With 29537423 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537423	1	1	1	1
8	Pin, Valve Guide, 0.371 x 2.620 inch	6758462	2	2	4	8
9	Reducer, 3/8-18 x 1/4-18	444335	1	1	2	4
10	Housing, Main	29537424 *	1			
11	Tube, Oil Transfer	6758488	1	1	1	2
12–14	Not Used In This Group.					
15	Breather Assembly	6774565	1	1	2	4
16	Hose, Jumper	6759379	3	3	6	12
17	Tube, Jumper	6759381	3	3	6	12
18	Lockwasher, 1/2 inch	103323	19	19	38	76
19	Bolt, 1/2-13 x 5 inch	187152	12	12	24	48
20	Bolt, 1/2-13 x 1 3/4 inch	179887	7	7	14	28
21	Hub, Oil Transfer	6758330	1	1	1	2
22	Lockwasher, 5/8 inch	103325	27	27	54	108
23	Bolt, 5/8-11 x 1 3/4 inch	271560	27	27	54	108
24	Indicator Kit, Visual Oil Level. Kit Contains 23018751 Indicator.	6839183	1	1	2	4
25	Spring, Converter Pressure Regulator Valve, 0.404 ID x 2.660 inch	6756430	1	1	2	4
26	Valve, Converter Pressure Regulator	6758459	1	1	2	4
27	Seat, Converter Pressure Regulator Valve	6770571	1	1	2	4
28	Ring, Retaining, Internal, 1.726 inch OD	2219907	1	1	2	4
29	Speed Sensor Assembly, Turbine. Used Starting With 29537424 And 29537447 Housings. See SIL 8-TR-06.	29543432	1	1	1	2
30	Retainer, Speed Sensor	29503843	1	1	1	2
31	O-ring, 0.614 inch ID	29503383	1	1	2	4
32	Cover, Speed Sensor	29536988	1	1	2	4
33	Bolt, 5/16-18 x 1/2 inch. Used Starting With 29537424 And 29537447 Housings.	29542098	1	1	2	4

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GROUP 13-B

Main Housing, Figure 13
Straight Through, Without Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Retainer, Clutch	6838687	2	2	4	8
19	Not Used In This Group.					
20	Bolt, 1/2-13 x 1 1/2 inch	179885	19	19	38	76
25–28	Not Used In This Group.					

GROUP 13-C

Main Housing, Figure 13
Transfer Gear, With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Housing Assembly, Main. When Replacing 6773236 Or 23017508 Main Housing Assembly With 29537448 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537448	1	1	1	1
10	Housing, Main	29537447 *	1			
11	Not Used In This Group.					
12	Tube, Oil Drain	6758491	1	1	1	2
13	Washer, Flat Copper, 35/64 inch	6755074	2	2	4	8
14	Bolt, 1/2-20 x 1 inch	181427	2	2	4	8
24	Not Used In This Group.					

GROUP 13-D

Main Housing, Figure 13
Transfer Gear, Without Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Retainer, Clutch	6838687	2	2	4	8
7	Housing Assembly, Main. When Replacing 6773236 Or 23017508 Main Housing Assembly With 29537448 Housing Assembly, Also Order 29509637 Speed Sensor Assembly And 29542098 Bolt.	29537448	1	1	1	1
10	Housing, Main	29537447 *	1			
11	Not Used In This Group.					
12	Tube, Oil Drain	6758491	1	1	1	2
13	Washer, Flat Copper, 35/64 inch	6755074	2	2	4	8
14	Bolt, 1/2-20 x 1 inch	181427	2	2	4	8
19	Not Used In This Group.					
20	Bolt, 1/2-13 x 1 1/2 inch	179885	19	19	38	76
24–28	Not Used In This Group.					

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GROUP 13-E

Main Housing, Figure 13

Straight Through, With Retarder

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Housing Assembly, Main	29537423	1	1	1	1
29	Speed Sensor Assembly, Turbine	29543432	1	1	1	2
33	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4

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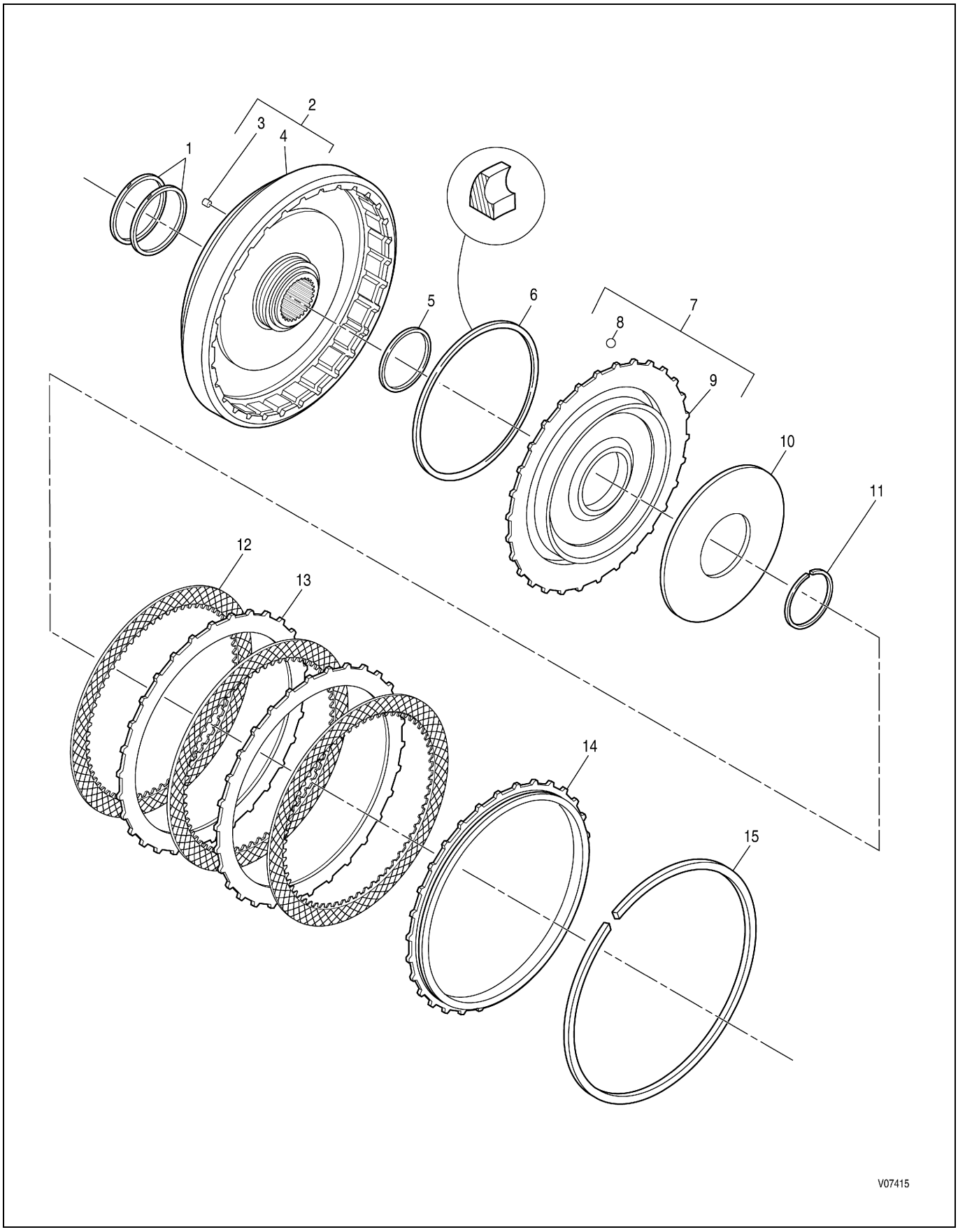


Figure 14. High-Range Clutch

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GROUP 14-A

High-Range Clutch, Figure 14

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Sealring Kit. Kit Contains 23016679 Butt-Joint Sealring, 4.188 inch OD.	23019650	2	2	4	8
2	Drum Assembly, High-Range Clutch	6832035	1	1	1	2
3	Pin, Dowel, 0.309 x 5/16 inch	6777242 *	8			
4	Drum, High-Range Clutch	6832090 *	1			
5	Sealring, 3.600 inch ID	6770623	1	1	2	4
6	Sealring, External Lip-Type, 10.570 inch ID	6832481	1	1	2	4
7	Piston Assembly, High-Range Clutch	6775840	1	1	1	2
8	Ball, Check, 1/4 inch	453570 *	4			
9	Piston, High-Range Clutch	6775839 *	1			
10	Spring, Piston Return, High-Range Clutch	6756042	1	1	1	2
11	Ring, Retaining, External, 3.484 inch ID	6756041	1	1	2	4
12	Plate, Internal-Splined Friction, High-Range Clutch	23041616	3	3	6	12
13	Plate, External-Tanged Reaction, High-Range Clutch	6769326	2	2	4	8
14	Backplate, High-Range Clutch	6770848	1	1	1	2
15	Ring, Retaining, Internal, 15.744 inch OD	6755100	1	1	2	4

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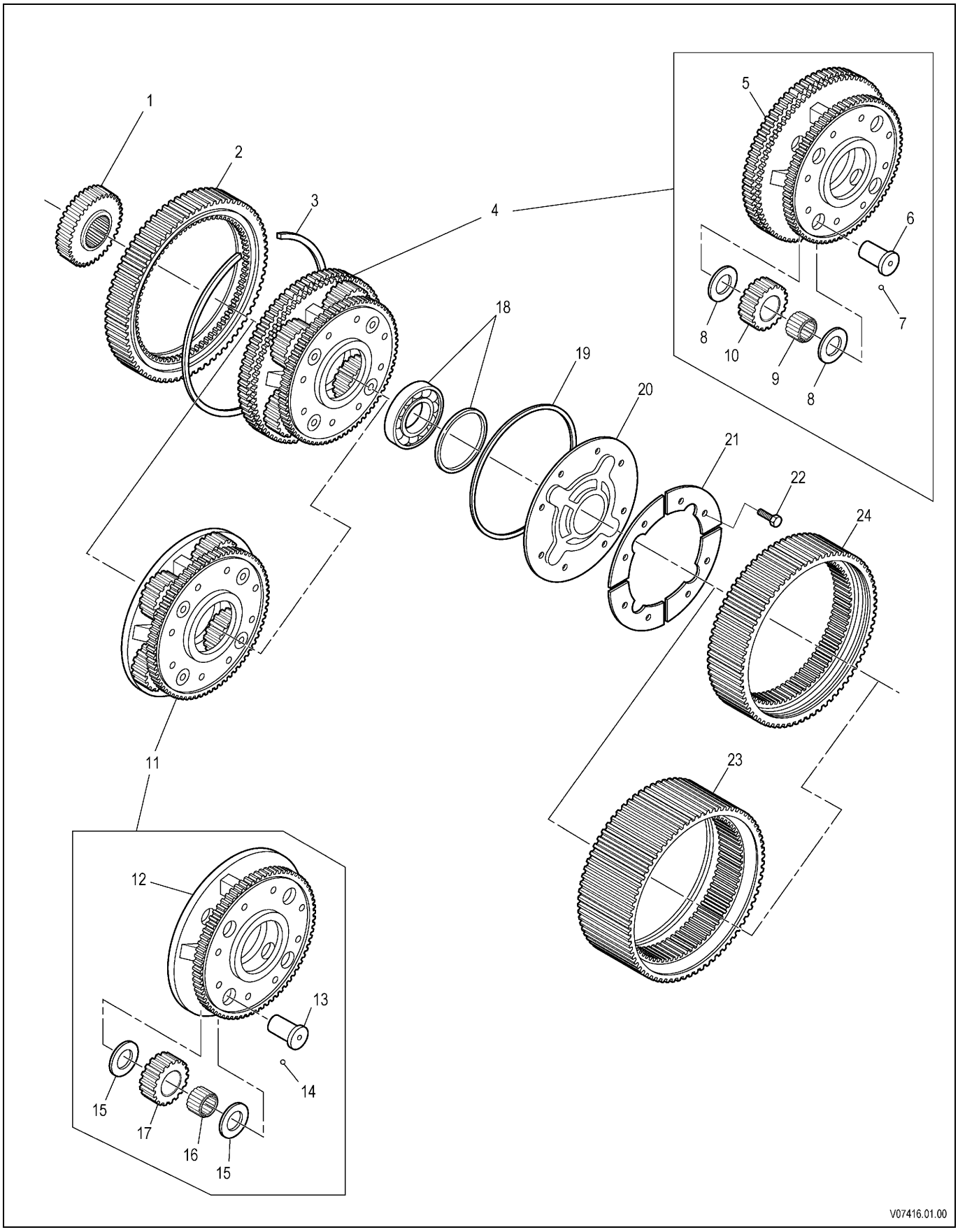


Figure 15. Intermediate-Range Planetary

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GROUP 15-A

Intermediate-Range Planetary, Figure 15
5000

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gear, Intermediate-Range Sun	6758397	1	1	1	2
2	Hub, High-Range Clutch. Used Starting With S/N 3110100300. See SIL 08-TR-94.	29512834	1	1	1	2
3	Ring, Retaining, Internal, 11.300 inch OD. Used Starting With S/N 3110100300. See SIL 08-TR-94.	29512835	1	1	1	2
4	Carrier Assembly, Intermediate-Range Planetary. Used Prior To S/N 3110100300. See SIL 08-TR-94.	23010489	1	1	1	2
5	Carrier, Intermediate-Range Planetary. Used Prior To S/N 3110100300. See SIL 08-TR-94.	6758399	1	1	1	2
6	Spindle, Intermediate-Range Planetary Pinion	6759377	4	4	4	8
7	Ball, Detent, 3/16 inch	453606	4	4	8	16
8	Washer, Pinion Thrust, 1.267 inch ID	23015601	8	8	8	16
9	Bearing Assembly, Roller	6884835	4	4	4	8
10	Gear Set, Intermediate-Range Planetary Pinion. Set Contains Four 6771295 Planetary Pinion Gears.	6771316	1	1	1	2
11	Carrier Assembly, Intermediate-Range Planetary. Used Starting With S/N 3110100300. See SIL 08-TR-94.	29512836	1	1	1	2
12	Carrier, Intermediate-Range Planetary. Used Starting With S/N 3110100300. See SIL 08-TR-94.	29512265	1	1	1	2
13	Spindle, Intermediate-Range Planetary Pinion	6759377	4	4	4	8
14	Ball, Detent, 3/16 inch	453606	4	4	8	16
15	Washer, Pinion Thrust, 1.267 inch ID	23015601	8	8	8	16
16	Bearing Assembly, Roller	6884835	4	4	4	8
17	Gear Set, Intermediate-Range Planetary Pinion. Set Contains Four 6771295 Planetary Pinion Gears.	6771316	1	1	1	2
18	Bearing Assembly, Single-Row Ball	23041530	1	1	2	4
19	Sealring, 9.060 inch ID	6769289	1	1	2	4
20	Ring, Oil Collector	6779576	1	1	1	2
21	Retainer, Low-Range Ring Gear	23016715	4	4	4	8
22	Bolt, Patchlock, 3/8-24 x 5/8 inch	23016615	8	8	16	32
23	Gear, High- And Intermediate-Range Ring. Used Prior To S/N 3110100300. See SIL 08-TR-94.	6831117	1	1	1	2
24	Gear, Intermediate-Range Ring. Used Starting With S/N 3110100300. Service 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, 6833812 Spacer, 6775854 Intermediate-Range Clutch Anchor, Two 6768396 Intermediate-Range Clutch Anchor Keys, Four 23041616 Intermediate-Range Clutch Friction Plates, Four 6769326 Intermediate-Range Clutch Reaction Plates, 6831033 Intermediate-Range Clutch Piston, 6832485 Internal Lip-Type Sealring, And 6772860 Intermediate-Range Clutch Piston Housing Assembly. See SIL 08-TR-94.	29514476 ***	1			

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GROUP 15-B

Intermediate-Range Planetary, Figure 15

6000, 5600, 6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
23	Gear, High- And Intermediate-Range Ring. Used Prior To S/N 3110100300. See SIL 08-TR-94.	6831069	1	1	1	2
24	Gear, Intermediate-Range Ring. Used Starting With S/N 3110100300. See SIL 08-TR-94.	29512264	1	1	1	2

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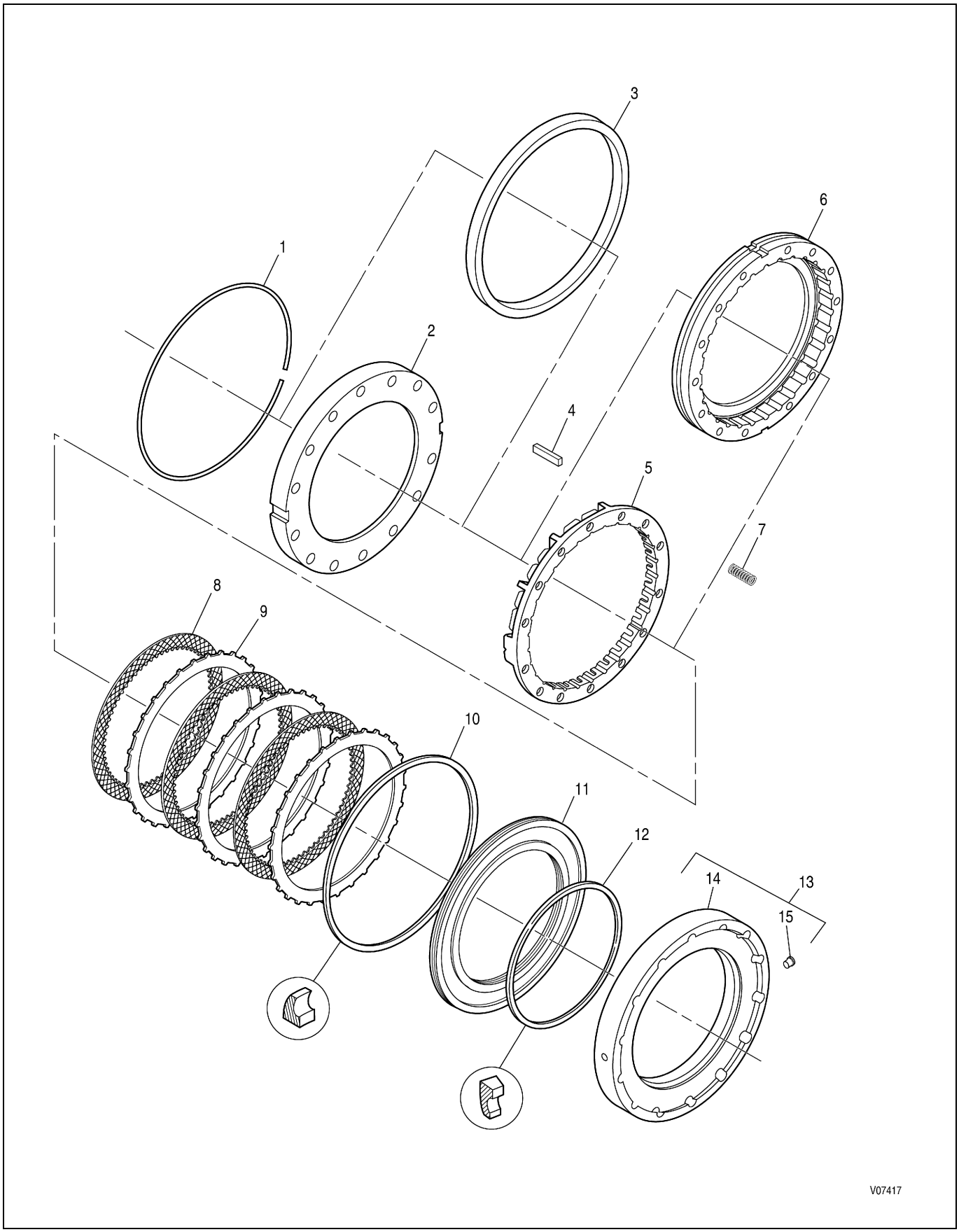


Figure 16. Intermediate-Range Clutch

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NOTES

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GROUP 16-A

Intermediate-Range Clutch, Figure 16
5000

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Ring, Aluminum Compression, 17 1/8 inch OD	6756369	1	1	2	4
2	Backplate, Intermediate-Range Clutch. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6759339 Intermediate-Range Clutch Backplate With 6833812 Spacer.	6759339	1	1	1	2
3	Not Used In This Group.					
4	Key, Intermediate-Range Clutch Anchor. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6771709 Intermediate-Range Clutch Anchor Keys With 6768396 Anchor Keys.	6771709	2	2	2	4
5	Anchor, Intermediate-Range Clutch. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6759340 Intermediate-Range Clutch Anchor With 6775854 Anchor.	6759340	1	1	1	2
6	Not Used In This Group.					
7	Spring, Piston Return, Intermediate-Range Clutch, 5/8 OD x 2.484 inch	6838590	14	14	28	56
8	Plate, Internal-Splined Friction, Intermediate-Range Clutch. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace Three 23041616 Intermediate-Range Clutch Friction Plates With Four 23041616 Plates.	23041616	3	3	6	12
9	Plate, External-Tanged Reaction, Intermediate-Range Clutch. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace Three 6769326 Intermediate-Range Clutch Reaction Plates With Four 6769326 Plates.	6769326	3	3	6	12
10	Sealring, External Lip-Type, 16.445 inch ID	6832484	1	1	2	4
11	Piston, Intermediate-Range Clutch. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6831034 Intermediate-Range Clutch Piston With 6831033 Piston.	6831034	1	1	1	2
12	Sealring, Internal Lip-Type, 12.055 inch OD. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6832486 Internal Lip-Type Sealring With 6832485 Sealring, 13.180 inch OD.	6832486	1	1	2	4
13	Housing Assembly, Intermediate-Range Clutch Piston. When Replacing 29514476 Intermediate-Range Ring Gear With 29512264 Ring Gear, Also Replace 6831155 Intermediate-Range Clutch Piston Housing Assembly With 6772860 Housing Assembly.	6831155	1	1	1	2
14	Housing, Intermediate-Range Clutch Piston	6831156 *	1			
15	Pin, Locating	6768419	2	2	4	8

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GROUP 16-B

Intermediate-Range Clutch, Figure 16
6000, 5600, 6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Spacer, Intermediate-Range Clutch	6833812	1	1	1	2
4	Key, Intermediate-Range Clutch Anchor	6768396	2	2	2	4
5	Not Used In This Group.					
6	Anchor, Intermediate-Range Clutch	6775854	1	1	1	2
8	Plate, Internal-Splined Friction, Intermediate-Range Clutch	23041616	4	4	8	16
9	Plate, External-Tanged Reaction, Intermediate-Range Clutch	6769326	4	4	8	16
11	Piston, Intermediate-Range Clutch	6831033	1	1	1	2
12	Sealring, Internal Lip-Type, 13.180 inch OD	6832485	1	1	2	4
13	Housing Assembly, Intermediate-Range Clutch Piston	6772860	1	1	1	2
14	Housing, Intermediate-Range Clutch Piston	6772859 *	1			

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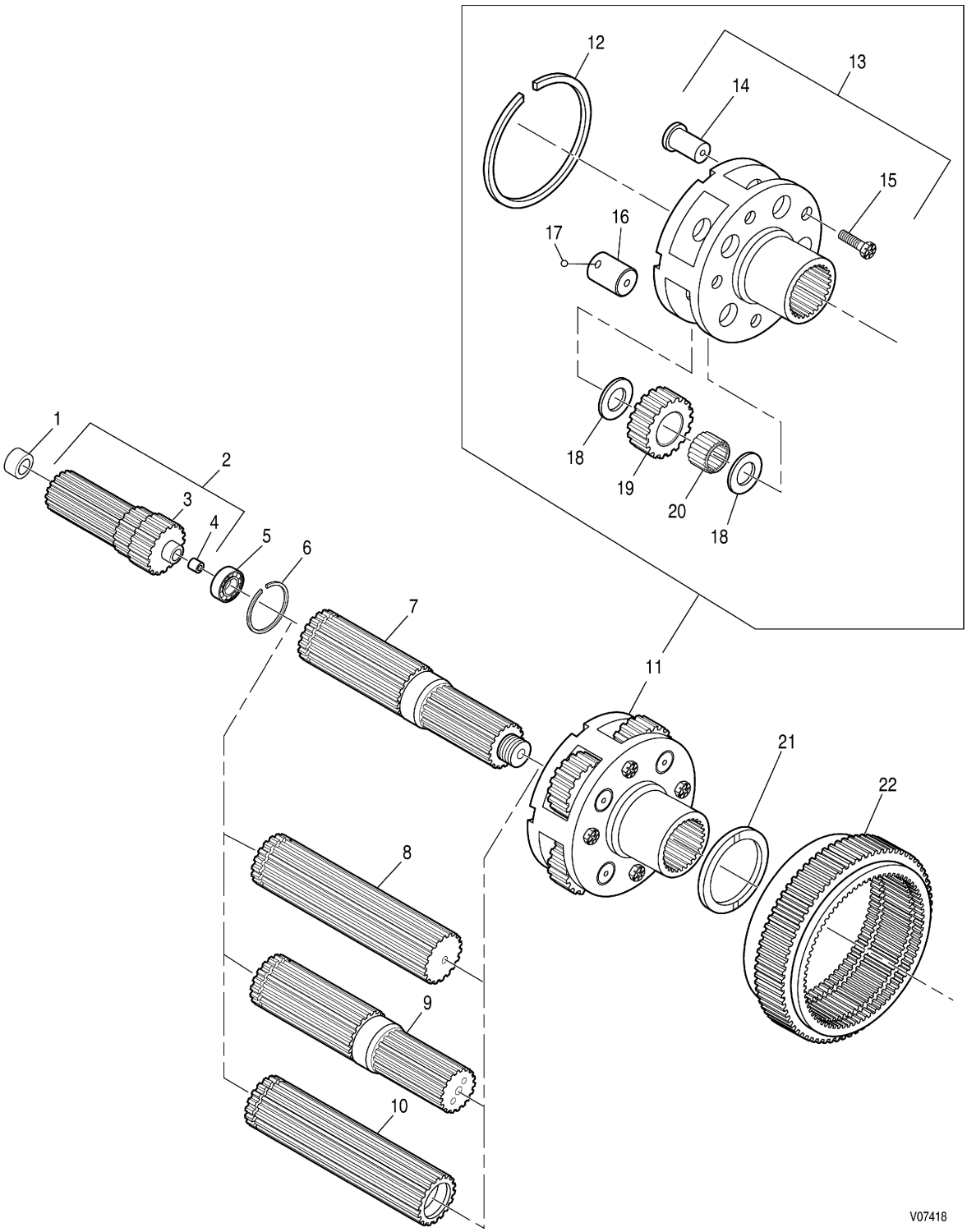


Figure 17. Low-Range Planetary

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NOTES

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GROUP 17-A

Low-Range Planetary, Figure 17

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Sleeve, Splitter Output Shaft, 1.503 ID x 1.783 OD x 0.780 inch. Used Only When Reworking Splitter Output Shaft, Reference 3.	6774690	1	1	2	4
2	Shaft Assembly, Splitter Output	29544481	1	1	1	2
3	Shaft, Splitter Output	29544480 *	1			
4	Tube, 0.094 inch Lube Orifice	6756030	1	1	2	4
5	Bearing Assembly, Double-Row Ball	23047981	1	1	2	4
6	Ring, Retaining, External, 2.593 inch ID	6754835	1	1	2	4
7	Shaft, Main Output	29536124	1	1	1	2
8–10	Not Used In This Group.					
11	Carrier Assembly, Low-Range Planetary	29542984	1	1	1	2
12	Ring, Retaining, Internal, 8.694 inch OD	6758541	1	1	2	4
13	Carrier Assembly, Low-Range Planetary	6775706	1	1	1	2
14	Pin, Retainer	6775705 *	5			
15	Bolt, Hexlock, 7/16-20 x 1 inch	9409047 *	5			
16	Spindle, Low-Range Planetary Pinion	29542985	5	5	5	10
17	Ball, Detent, 3/16 inch	453606	5	5	10	20
18	Washer, Pinion Thrust, 1.506 inch ID	23041007	10	10	10	20
19	Gear Set, Low-Range Planetary Pinion. Set Contains Five 6779648 Planetary Pinion Gears.	6832007	1	1	1	2
20	Bearing Assembly, Roller	6830333	5	5	5	10
21	Washer, Thrust, 3.945 inch ID	29538548	1	1	2	4
22	Gear, Low-Range Ring	6831120	1	1	1	2

GROUP 17-B

Low-Range Planetary, Figure 17

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Not Used In This Group.					
8	Shaft, Main Output	6770098	1	1	1	2
9–10	Not Used In This Group.					

GROUP 17-C

Low-Range Planetary, Figure 17

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–8	Not Used In This Group.					
9	Shaft, Main Output	6836669	1	1	1	2
10	Not Used In This Group.					

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GROUP 17-D

Low-Range Planetary, Figure 17

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–9	Not Used In This Group.					
10	Shaft, Main Output. When Replacing 6779035 Main Output Shaft With 23047088 Shaft, Also Replace 6779082 Transfer Drive Input Gear With 23047087 Gear.	23047088	1	1	1	2

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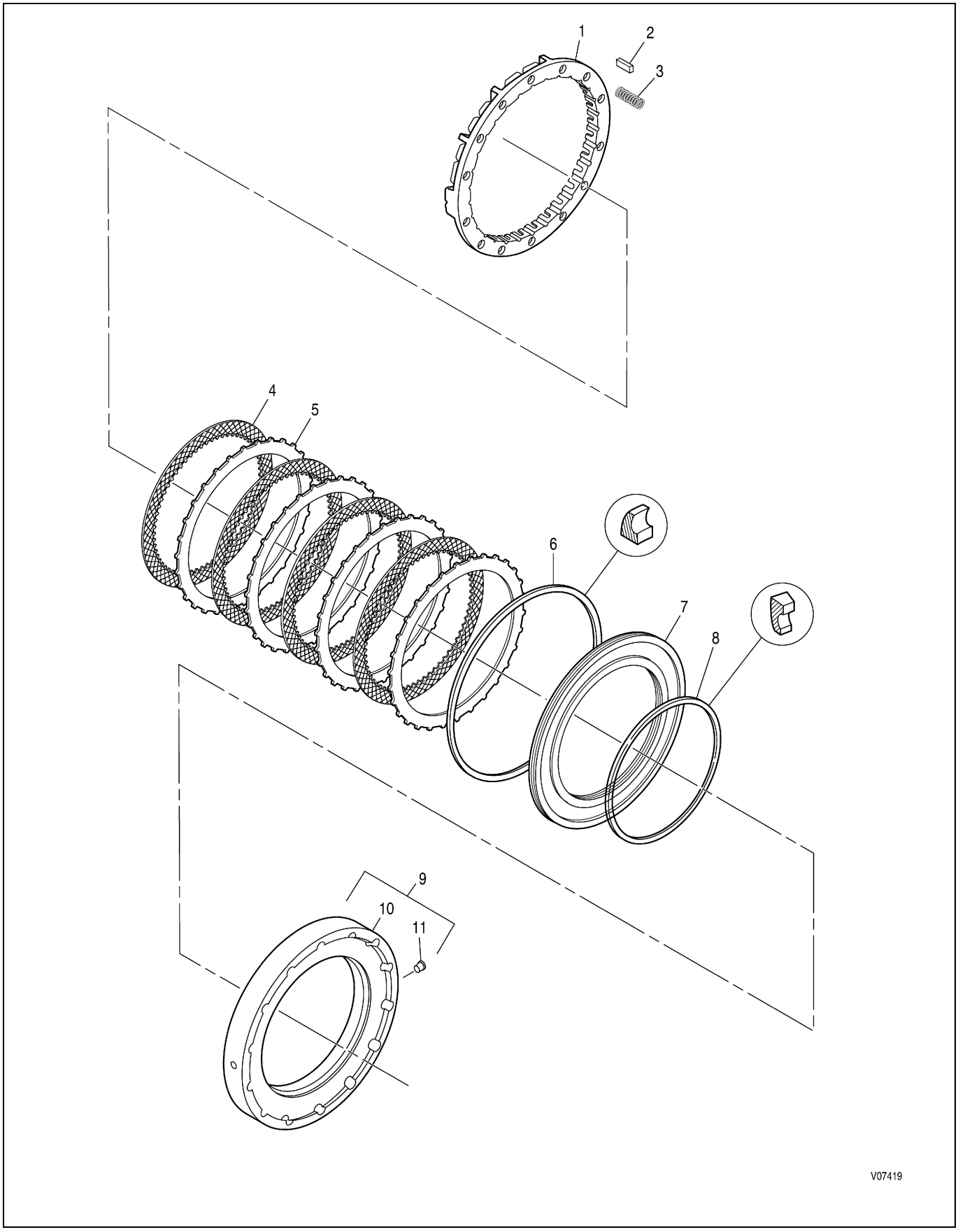


Figure 18. Low-Range Clutch

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GROUP 18-A

Low-Range Clutch, Figure 18
5000, 6000, 5600

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Anchor, Low-Range Clutch	6759414	1	1	1	2
2	Key, Low-Range Clutch Anchor	6768478	2	2	2	4
3	Spring, Piston Return, Low-Range Clutch, 5/8 OD x 2.832 inch	6838589	14	14	28	56
4	Plate, Internal-Splined Friction, Low-Range Clutch	23041616	4	4	8	16
5	Plate, External-Tanged Reaction, Low-Range Clutch	6769326	4	4	8	16
6	Sealring, External Lip-Type, 16.445 inch ID	6832484	1	1	2	4
7	Piston, Low-Range Clutch	6831034	1	1	1	2
8	Sealring, Internal Lip-Type, 12.055 inch OD	6832486	1	1	2	4
9	Housing Assembly, Low-Range Clutch Piston	6831155	1	1	1	2
10	Housing, Low-Range Clutch Piston	6831156 *	1			
11	Pin, Locating	6768419	2	2	4	8

GROUP 18-B

Low-Range Clutch, Figure 18
6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Plate, Internal-Splined Friction, Low-Range Clutch	23041616	5	5	10	20
5	Plate, External-Tanged Reaction, Low-Range Clutch	6776610	5	5	10	20

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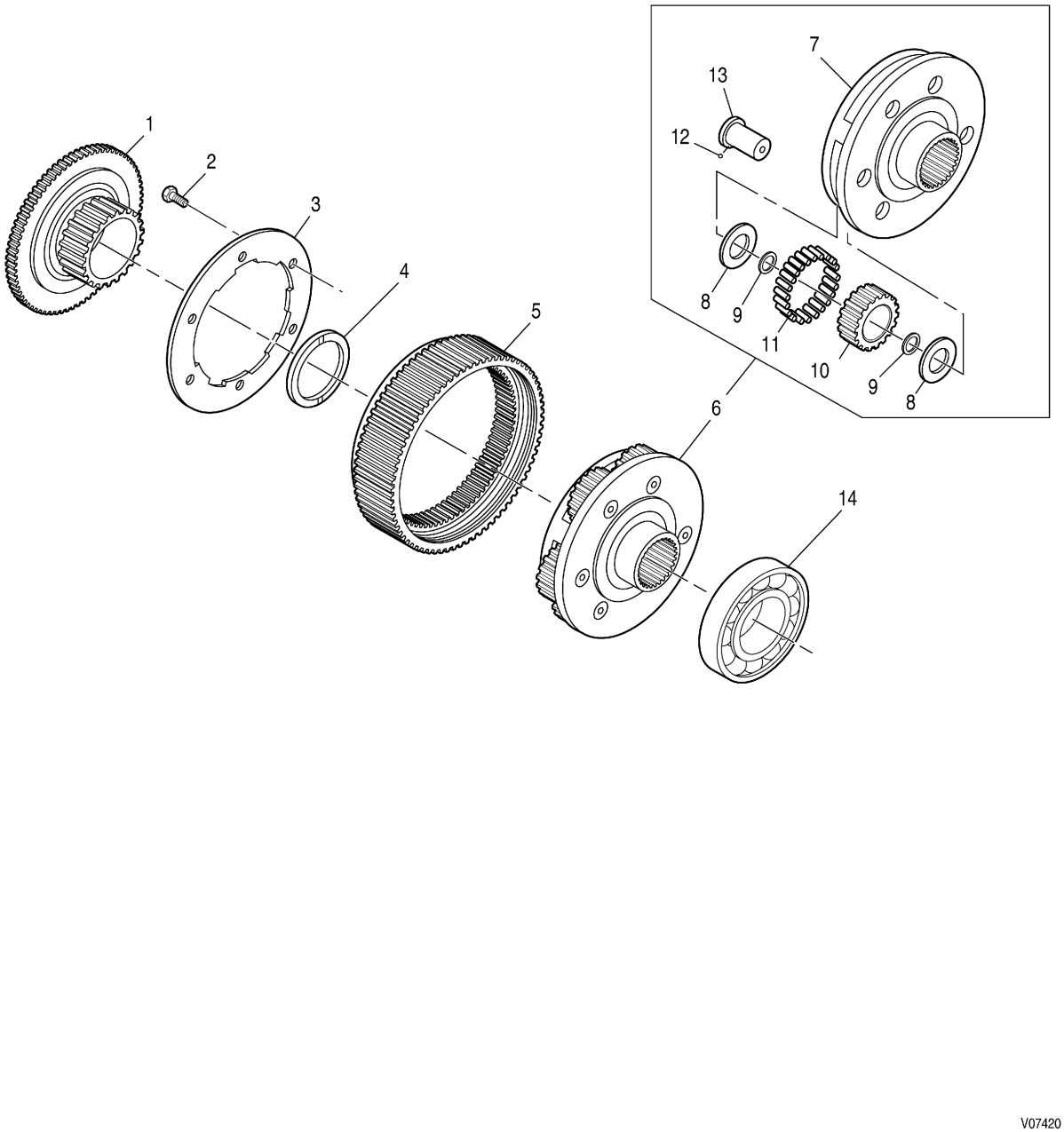


Figure 19. Reverse-Range Planetary

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GROUP 19-A

Reverse-Range Planetary, Figure 19

5000

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gear, Reverse-Range Sun. When Replacing 6771363 Reverse-Range Planetary Carrier Assembly With 6775718 Carrier Assembly And 6831118 Reverse-Range Ring Gear With 6831119 Ring Gear, Also Replace 6758496 Reverse-Range Sun Gear With 6775716 Sun Gear.	6758496	1	1	1	2
2	Bolt, Patchlock, 3/8-24 x 5/8 inch	23016615	6	6	12	24
3	Retainer, Reverse-Range Planetary Carrier	6775712	1	1	1	2
4	Washer, Thrust, 3.945 inch ID. When Replacing 6771363 Reverse-Range Planetary Carrier Assembly With 6775718 Carrier Assembly And 6831118 Reverse-Range Ring Gear With 6831119 Ring Gear, Also Replace 29538548 Thrust Washer With 29537234 Thrust Washer, 3.318 inch ID. See SIL 07-TR-02.	29538548	1	1	2	4
5	Gear, Reverse-Range Ring. Service 6831118 Reverse-Range Ring Gear With 6831119 Ring Gear, 6775718 Reverse-Range Planetary Carrier Assembly, 6775716 Reverse-Range Sun Gear, And 29537234 Thrust Washer.	6831118 ***	1			
6	Carrier Assembly, Reverse-Range Planetary	6771363 **	1			
7	Carrier, Reverse-Range Planetary. Service 6758413 Reverse-Range Planetary Carrier With 6775718 Carrier Assembly, 6831119 Reverse-Range Ring Gear, 6775716 Reverse-Range Sun Gear, And 6775699 Thrust Washer.	6758413 ***	1			
8	Washer, Pinion Thrust, 1.260 inch ID	6768499	12	12	24	48
9	Spacer, 1.263 ID x 1.630 OD x 1/8 inch	6769261	12	12	24	48
10	Gear Set, Reverse-Range Planetary Pinion. Set Contains Six 6771295 Planetary Pinion Gears.	6771315	1	1	1	2
11	Bearing, Roller, 3/16 x 1 inch	6704426	144	144	288	576
12	Ball, Detent, 3/16 inch	453606	6	6	12	24
13	Spindle, Reverse-Range Planetary Pinion. See SIL 03-TR-01.	6839418	6	6	6	12
14	Bearing Assembly, Single-Row Ball	23041147	1	1	2	4

GROUP 19-B

Reverse-Range Planetary, Figure 19

6000, 5600, 6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gear, Reverse-Range Sun	6775716	1	1	1	2
4	Washer, Thrust, 3.318 inch ID. See SIL 07-TR-02.	29537234	1	1	2	4
5	Gear, Reverse-Range Ring	6831119	1	1	1	2
6	Carrier Assembly, Reverse-Range Planetary	6775718	1	1	1	2
7	Carrier, Reverse-Range Planetary	6775717	1	1	1	2

(continued on next page)

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GROUP 19-B *(cont'd)*

Reverse-Range Planetary, Figure 19

6000, 5600, 6600

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Gear Set, Reverse-Range Planetary Pinion. Set Contains Six 6775709 Planetary Pinion Gears.	6776022	1	1	1	2
11	Bearing, Roller, 3/16 x 1 1/4 inch	6756275	144	144	144	288
12	Not Used In This Group.					
13	Spindle, Reverse-Range Planetary Pinion	6775714	6	6	6	12

GROUP 19-C

Reverse-Range Planetary, Figure 19

6600, 6610 With Electric Lock-Up, Without Reverse

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–13	Not Used In This Group.					

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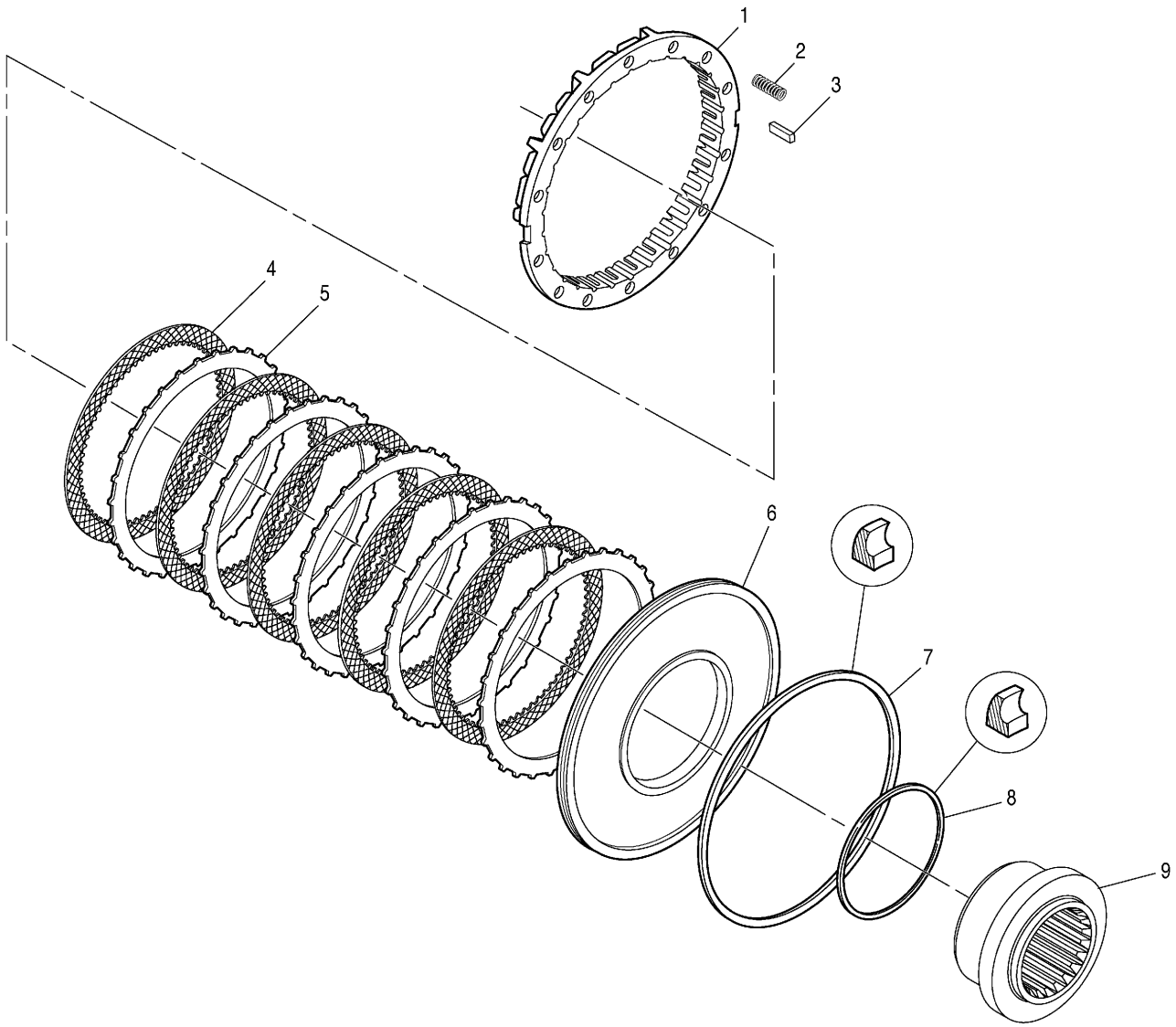


Figure 20. Reverse-Range Clutch

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NOTES

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GROUP 20-A

Reverse-Range Clutch, Figure 20

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Anchor, Reverse-Range Clutch	6759423	1	1	1	2
2	Spring, Piston Return, Reverse-Range Clutch, 5/8 OD x 3.520 inch	23017349	14	14	28	56
3	Key, Reverse-Range Clutch Anchor	6768396	2	2	2	4
4	Plate, Internal-Splined Friction, Reverse-Range Clutch	23041616	5	5	10	20
5	Plate, External-Tanged Reaction, Reverse-Range Clutch	6769326	5	5	10	20
6	Piston, Reverse-Range Clutch	6831032	1	1	1	2
7	Sealring, External Lip-Type, 16.445 inch ID	6832484	1	1	2	4
8	Sealring, External Lip-Type, 7.695 inch ID	6832487	1	1	2	4
9	Not Used In This Group					

GROUP 20-B

Reverse-Range Clutch, Figure 20

Same As Group A, Except For Parts Listed Below

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2–8	Not Used In This Group					
9	Spacer, Bearing	29544229	1	1	2	4

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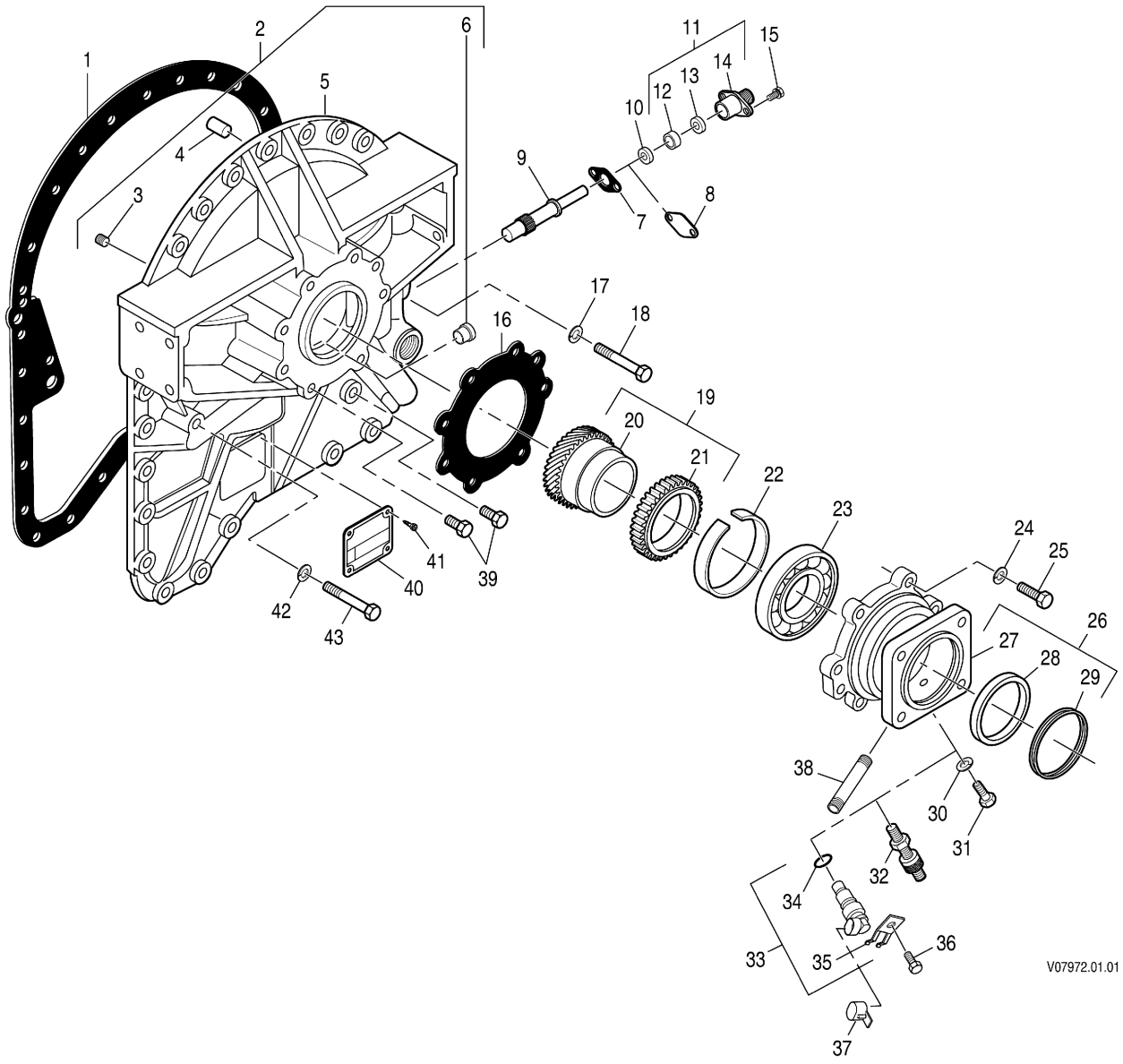


Figure 21A. Rear Cover and Speedometer

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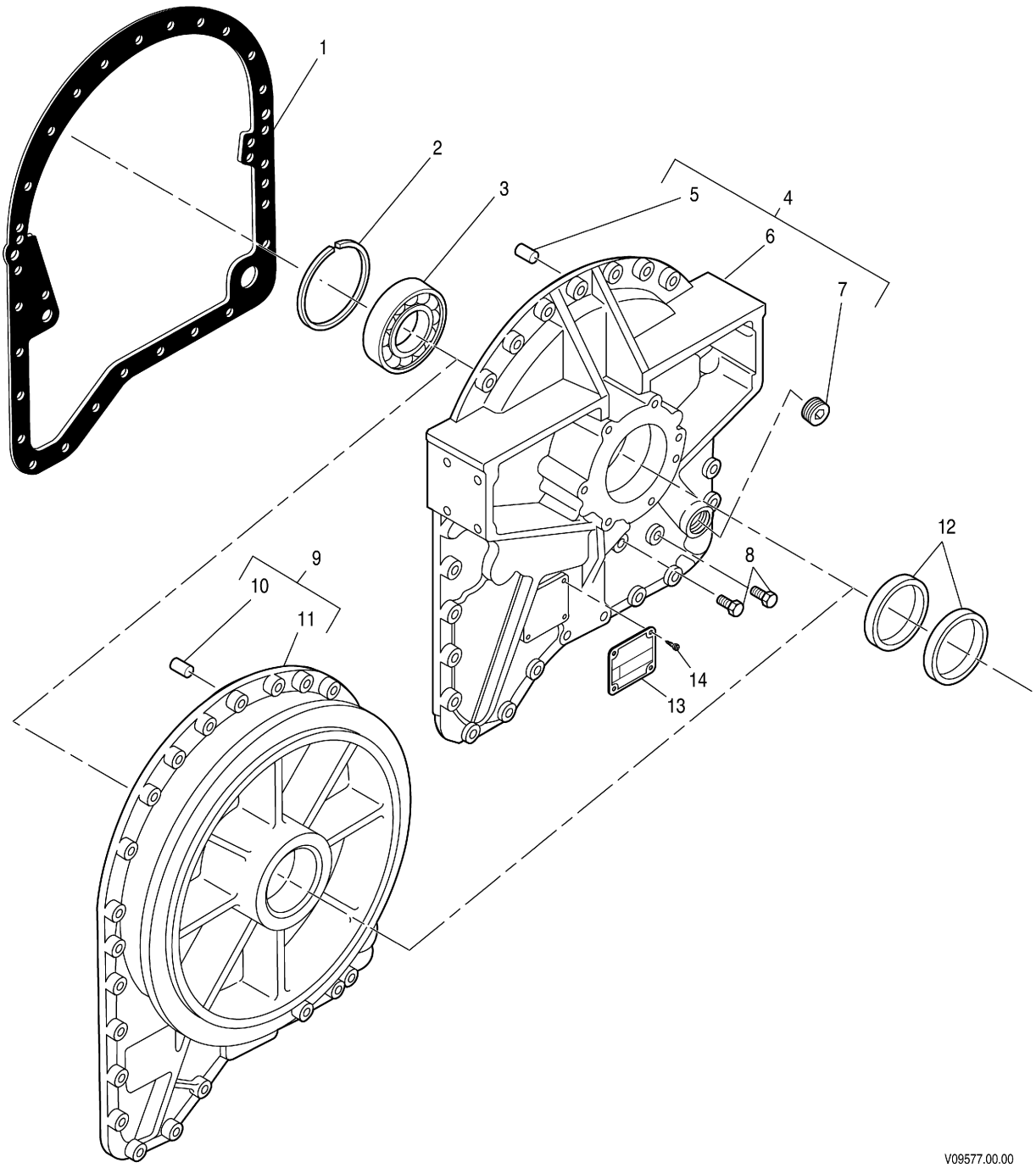


Figure 21B. Rear Cover and Speedometer

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GROUP 21-A

Rear Cover/Speedo, Figure 21A

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Rear Cover	6772162	1	1	2	4
2	Cover Assembly, Rear	29525020	1	1	1	1
3	Plug, Square Socket Pipe, 3/4-14	23012031	1	1	2	4
4	Pin, Dowel, 3/4 x 1 1/4 inch	107393	2	2	4	8
5	Cover, Rear	29525019 *	1			
6	Bushing, Speedometer Drive Shaft	29543999	1	1	2	4
7	Gasket, Speedometer Drive Sleeve	552868	1	1	2	4
8	Not Used In This Group.					
9	Shaft And Gear Assembly, Speedometer Drive	6772158	1	1	1	2
10	Washer, 3/8 ID x 21/32 OD x 3/32 inch	29544561	1	1	2	4
11	Sleeve Assembly, Speedometer Drive	6768536	1	1	2	4
12	Seal Assembly, Oil, 0.691 inch OD	6768417	1	1	2	4
13	Washer, Thrust, 3/8 ID x 11/16 OD x 5/32 inch	6768418	1	1	2	4
14	Sleeve, Speedometer Drive	2043587 *	1			
15	Screw Assembly, Spring Lock, 5/16-18 x 7/8 inch	23016147	2	2	4	8
16	Gasket, Output Bearing Retainer	6838043	1	1	2	4
17	Lockwasher, 5/8 inch	103325	1	1	2	4
18	Bolt, 5/8-11 x 3 3/4 inch	271569	1	1	2	4
19	Gear Assembly, Speedometer	6838044	1	1	1	2
20	Gear, Speedometer Drive	6838040	1	1	1	2
21	Gear, Magnetic Pickup	6838039	1	1	1	2
22	Spacer, Output Bearing, 5 ID x 5 1/2 OD x 0.980 inch	6838041	1	1	1	2
23	Bearing Assembly, Single-Row Ball	23047997	1	1	2	4
24	Washer, Flat, 5/8 inch	6768827	8	8	16	32
25	Bolt, 5/8-11 x 1 3/4 inch	223435	8	8	16	32
26	Retainer Assembly, Output Bearing	6880756	1	1	1	2
27	Retainer, Output Bearing	6838042 *	1			
28	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
29	Slinger, 4.766 inch OD	6757563	1	1	2	4
30	Washer, Flat, 5/8 inch	103345	1	1	2	4
31	Bolt, 5/8-18 x 1 inch	271579	1	1	2	4
32–36	Not Used In This Group.					
37	Cover, Speed Sensor	29536988	1	1	2	4
38	Nipple, Seal Drain, 1/4-18 x 4 inch	119247	1	1	1	2
39	Plug, Pipe, 1/4-18. Used Prior To 29525019 Cover.	23012035	2	2	4	8
39	Plug Assembly, 7/16-20. Used Starting With 29525019 Cover. See SIL 20-TR-96.	29500034	2	2	4	8
40	Nameplate	23049131	1	1	1	2
41	Screw, Drive, No. 4 x 1/4 inch	145372	4	4	4	8
42	Lockwasher, 5/8 inch	103325	1	1	2	4
43	Bolt, 5/8-11 x 3 3/4 inch	271569	1	1	2	4

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GROUP 21-B

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
19	Not Used In This Group.					
21	Not Used In This Group.					

GROUP 21-C

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
30–31	Not Used In This Group.					
32	Pickup, Magnetic	23015481	1	1	1	2
33–36	Not Used In This Group.					

GROUP 21-D

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
8	Cover, Speedometer Drive	6771300	1	1	1	2
9–14	Not Used In This Group.					

GROUP 21-E

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
8	Cover, Speedometer Drive	6771300	1	1	1	2
9–14	Not Used In This Group.					
30–31	Not Used In This Group.					
32	Pickup, Magnetic	23015481	1	1	1	2
33–36	Not Used In This Group.					

GROUP 21-F

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
8	Cover, Speedometer Drive	6771300	1	1	1	2
9–14	Not Used In This Group.					

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GROUP 21-F *(cont'd)*

Rear Cover/Speedo, Figure 21A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
26	Retainer Assembly, Output Bearing	29536893	1	1	1	2
27	Retainer, Output Bearing	29536396 *	1			
30–32	Not Used In This Group.					
33	Speed Sensor Assembly, Output. See SIL 8-TR-06.	29543432	1	1	1	2
34	O-ring, 0.614 inch ID	29503383	1	1	2	4
35	Retainer, Speed Sensor	29503843	1	1	1	2
36	Bolt, 5/16-18 x 1/2 inch	29542098	1	1	2	4

GROUP 21-G

Rear Cover/Speedo, Figure 21B

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Rear Cover	6772162	1	1	2	4
2	Ring, Retaining, Internal, 5.781 inch OD	6759109	1	1	2	4
3	Bearing Assembly, Single-Row Ball	23047997	1	1	2	4
4	Cover Assembly, Rear	6833616 **	1			
5	Pin, Dowel, 3/4 x 1 1/4 inch	107393	2	2	4	8
6	Cover, Rear	6833617 ***	1			
7	Plug, Square Socket Pipe, 1/2-14	23012038	1	1	2	4
8	Plug, Pipe, 1/4-18	23012035	2	2	4	8
9–11	Not Used In This Group.					
12	Seal Assembly, Oil, 4.506 inch OD	23045094	2	2	4	8
13	Nameplate	23049131	1	1	1	2
14	Screw, Drive, No. 4 x 1/4 inch	145372	4	4	4	8

GROUP 21-H

Rear Cover/Speedo, Figure 21B

Same As Group G, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4–7	Not Used In This Group.					
8	Plug, Pipe, 1/4-18. Used Prior To 29525021 Adapter.	23012035	2	2	4	8
8	Plug Assembly, 7/16-20. Used Starting With 29525021 Adapter. See SIL 20-TR-96.	29500034	2	2	4	8
9	Adapter Assembly, Output	29527113	1	1	1	1
10	Pin, Dowel, 3/4 x 1 1/4 inch	107393	2	2	4	8
11	Adapter, Output	29525021 *	1			

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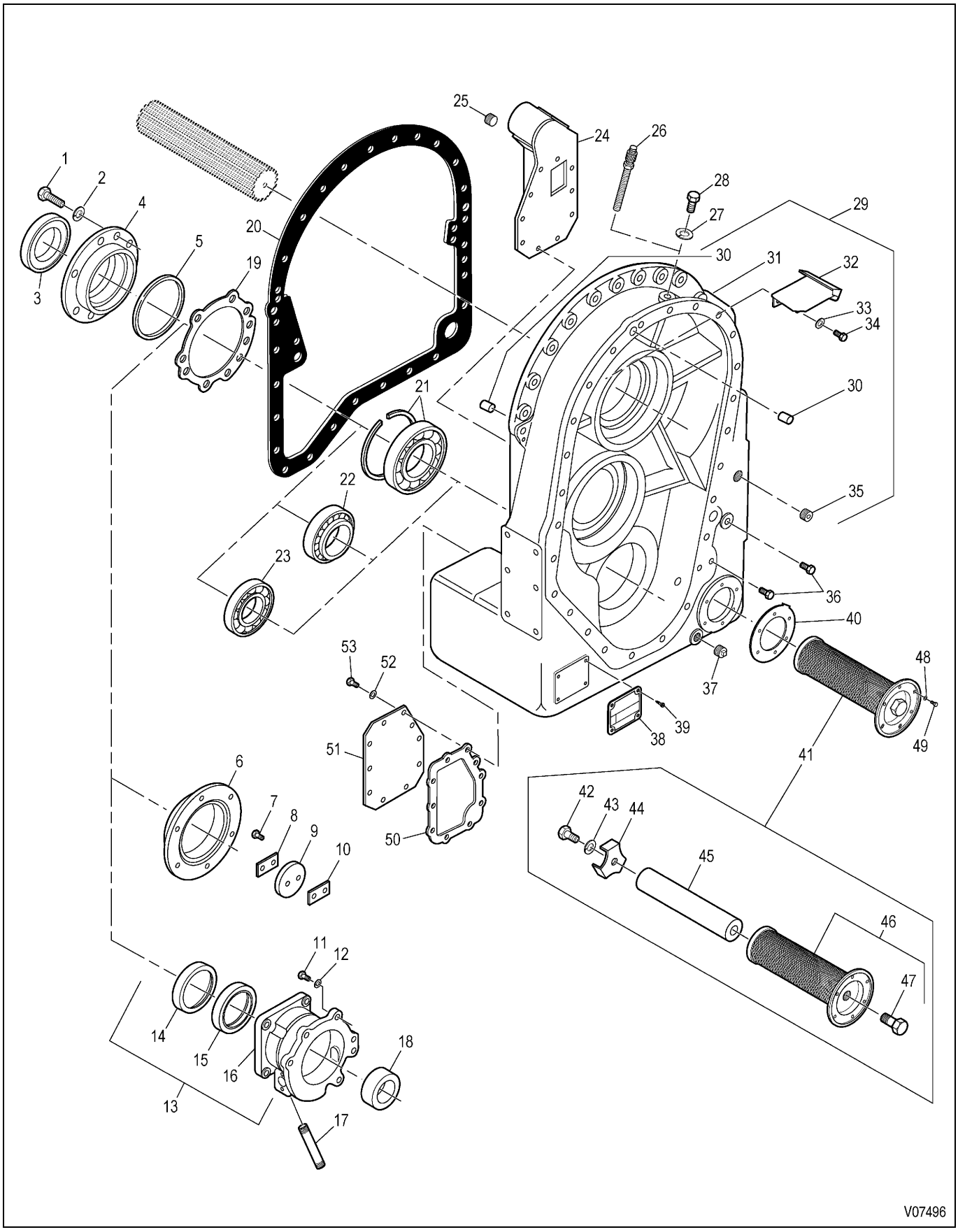


Figure 22. Transfer Gear Housing and Speedometer

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GROUP 22-A

Transfer Gear Housing/Speedo, Figure 22

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
2	Lockwasher, 1/2 inch	103323	6	6	12	24
3	Seal Assembly, Oil, 5.256 inch OD	6773186	1	1	2	4
4	Retainer, Output Bearing. When Replacing 6884085 Output Bearing Retainer With 29538481 Retainer, Also Replace 6884084 Transfer Gear Housing Assembly With 29528629 Housing Assembly, 23012035 Plugs With 29500034 Plug Assemblies, And 23017377 Plug With 29525049 Plug Assembly.	29538481	1	1	1	2
5	O-ring, 6.484 inch ID. Used With 6884085 Output Bearing Retainer Only.	6884080	1	1	2	4
6–19	Not Used In This Group.					
20	Gasket, Rear Cover	6772162	1	1	2	4
21	Not Used In This Group.					
22	Bearing Assembly, Tapered Roller	9437787	1	1	2	4
23	Not Used In This Group.					
24	Cover, Inspection	23016069	1	1	1	2
25	Plug, Square Socket Pipe, 1 1/4-11 1/2	23012033	1	1	2	4
26	Pickup, Magnetic	29544188	1	1	1	2
27–28	Not Used In This Group.					
29	Housing Assembly, Transfer Gear. When Replacing 6884084 Transfer Gear Housing Assembly With 29528629 Housing Assembly, Also Replace 6884085 Output Bearing Retainer And 6884080 O-ring With 29538481 Retainer, 23012035 Plugs With 29500034 Plug Assemblies, And 23017377 Plug With 29525049 Plug Assembly.	29528629	1	1	1	1
30	Pin, Dowel, 3/4 x 1 1/4 inch	107393	4	4	8	16
31	Housing, Transfer Gear	29528628 *	1			
32	Baffle, Oil Collector	6771140	1	1	1	2
33	Lockwasher, Internal-Tooth, 3/8 inch	115549	2	2	4	8
34	Bolt, 3/8-16 x 5/8 inch	179835	2	2	4	8
35	Plug, Square Socket Pipe, 1-11 1/2	23012034	1	1	2	4
36	Plug, Pipe, 1/4-18. Used Prior To 29528628 Housing.	23012035	2	2	4	8
36	Plug Assembly, 7/16-20. Used Starting With 29528628 Housing. See SIL 20-TR-96.	29500034	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528628 Housing.	23017377	1	1	2	4
37	Plug Assembly, 1 1/16-12. Used Starting With 29528628 Housing. See SIL 20-TR-96.	29525049	1	1	2	4
38	Nameplate	23049131	1	1	1	2
39	Screw, Drive, No, 4 x 1/4 inch	145372	4	4	4	8
40	Gasket, Oil Strainer Cover	6882702	1	1	2	4
41	Oil Strainer And Magnet Assembly	23011216	1	1	1	2
42	Bolt, 1/4-20 x 5/8 inch	186630	1	1	2	4
43	Lockwasher, 1/4 inch	103319	1	1	2	4
44	Bracket, Magnet	23011194	1	1	1	2
45	Magnet	23011195	1	1	1	2

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GROUP 22-A *(cont'd)*

Transfer Gear Housing/Speedo, Figure 22

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
46	Oil Strainer Assembly	23011196	1	1	2	4
47	Bolt, 1/4-20 x 5/8 inch. Bolt 186630 Is Brazed Into Strainer 23011196 And Cannot Be Serviced Separately In This Location	186630	1	1	2	4
48	Lockwasher, 3/8 inch	103321	6	6	12	24
49	Bolt, 3/8-16 x 7/8 inch	179838	6	6	12	24
50	Gasket, Inspection Cover	6770879	2	2	4	8
51	Cover, Inspection	6770878	1	1	1	2
52	Lockwasher, 3/8 inch	103321	20	20	40	80
53	Bolt, 3/8-16 x 7/8 inch	179838	20	20	40	80

GROUP 22-B

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
23–25	Not Used In This Group.					
51	Cover, Inspection	6770878	2	2	2	4

GROUP 22-C

Transfer Gear Housing/Speedo, Figure 22

NOTE: See SIL 62-TR-81 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 1/2-13 x 1 3/8 inch. Used Starting With S/N 3110088032.	179884	6	6	12	24
2	Lockwasher, 1/2 inch. Used Starting With S/N 3110088032.	103323	6	6	12	24
3–5	Not Used In This Group.					
6	Retainer, Bearing. Used Starting With S/N 3110088032.	6757585	1	1	1	2
7	Bolt, 1/2-20 x 1 1/4 inch. Used Starting With S/N 3110088032.	455012	2	2	4	8
8	Lockstrip. Used Starting With S/N 3110088032.	6755269	1	1	2	4
9	Retainer, Output Shaft. Used Starting With S/N 3110088032.	6769476	1	1	1	2
10	Shim, 0.025 inch. Used Starting With S/N 3110088032.	6772140	AR	1	2	4
10	Shim, 0.005 inch. Used Starting With S/N 3110088032.	6772141	AR	1	2	4
11	Bolt, 1/2-13 x 1 1/2 inch. Used Prior To S/N 3110088032.	186725	6	6	12	24
12	Lockwasher, 1/2 inch. Used Prior To S/N 3110088032.	103323	6	6	12	24
13	Retainer Assembly, Output Bearing. Used Prior To S/N 3110088032.	6768878	1	1	1	2
14	Slinger, 4.766 inch OD. Used Prior To S/N 3110088032.	6757563	1	1	2	4
15	Seal Assembly, Oil, 4.756 inch OD. Used Prior To S/N 3110088032.	6773311	1	1	2	4
16	Retainer, Output Bearing. Used Prior To S/N 3110088032.	6768877 *	1			

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GROUP 22-C *(cont'd)*

Transfer Gear Housing/Speedo, Figure 22

NOTE: See SIL 62-TR-81 For Important Service Information

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
17	Nipple, Seal Drain, 1/4-18 x 4 inch. Used Prior To S/N 3110088032.	119247	1	1	1	2
18	Spacer, Transfer Drive Output Bearing, 2.520 ID x 3.515 OD x 1.460 inch. Used Prior To S/N 3110088032.	6770677	1	1	1	2
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21–22	Not Used In This Group.					
23	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
24–26	Not Used In This Group.					
27	Washer, Flat, 5/8 inch	103345	1	1	2	4
28	Bolt, 5/8-18 x 3/4 inch	271577	1	1	2	4
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
36	Plug Assembly, 7/16-20. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29500034	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
37	Plug Assembly, 1 1/16-12. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29525049	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

GROUP 22-D

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3–5	Not Used In This Group.					
6	Retainer, Bearing	6757585	1	1	1	2
7	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8
8	Lockstrip	6755269	1	1	2	4
9	Retainer, Output Shaft	6769476	1	1	1	2
10	Shim, 0.025 inch	6772140	AR	1	2	4
10	Shim, 0.005 inch	6772141	AR	1	2	4
11–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21–22	Not Used In This Group.					
23	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
24–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8

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GROUP 22-D *(cont'd)*

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
37	Plug Assembly, 1 1/16-12. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29525049	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

GROUP 22-E

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
36	Plug Assembly, 7/16-20. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29500034	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

GROUP 22-F

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21–26	Not Used In This Group.					
27	Washer, Flat, 5/8 inch	103345	1	1	2	4
28	Bolt, 5/8-18 x 3/4 inch	271577	1	1	2	4
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

* Serviced Only As An Assembly – Not Available As A Detail Part.

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GROUP 22-G

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
22–23	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
37	Plug Assembly, 1 1/16-12. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29525049	1	1	2	4

GROUP 22-H

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
22–23	Not Used In This Group.					
26	Not Used In This Group.					
27	Washer, Flat, 5/8 inch	103345	1	1	2	4
28	Bolt, 5/8-18 x 3/4 inch	271577	1	1	2	4
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
36	Plug Assembly, 7/16-20. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29500034	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4

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GROUP 22-J

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
22–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
36	Plug Assembly, 7/16-20. Used Starting With 29528626 Housing. See SIL 20-TR-96.	29500034	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

GROUP 22-K

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
22–26	Not Used In This Group.					
27	Washer, Flat, 5/8 inch	103345	1	1	2	4
28	Bolt, 5/8-18 x 3/4 inch	271577	1	1	2	4
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug, Pipe, 1/4-18. Used Prior To 29528626 Housing.	23012035	2	2	4	8
37	Plug, Square Head Pipe, 3/4-14. Used Prior To 29528626 Housing.	23017377	1	1	2	4
51	Cover, Inspection	6770878	2	2	2	4

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GROUP 22-L

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5	Not Used In This Group.					
6	Retainer, Bearing	6757585	1	1	1	2
7	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8
8	Lockstrip	6755269	1	1	2	4
9	Retainer, Output Shaft	6769476	1	1	1	2
10	Shim, 0.025 inch	6772140	AR	1	2	4
10	Shim, 0.005 inch	6772141	AR	1	2	4
11–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
22	Not Used In This Group.					
23	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
24–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug Assembly, 7/16-20	29500034	2	2	4	8
37	Plug Assembly, 1 1/16-12	29525049	1	1	2	4

GROUP 22-M

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
22	Not Used In This Group.					
23	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
24–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug Assembly, 7/16 - 20	29500034	2	2	8	8
37	Plug Assembly, 1 1/16 - 12	29525049	1	1	4	4
51	Cover, Inspection	6770878	2	2	4	2

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GROUP 22-N

Transfer Gear Housing/Speedo, Figure 22

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
4	Retainer, Output Bearing	6757555	1	1	1	2
5–18	Not Used In This Group.					
19	Gasket, Bearing Retainer	6758563	1	1	2	4
21–22	Not Used In This Group.					
23	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
24–25	Not Used In This Group.					
29	Housing Assembly, Transfer Gear	29528627	1	1	1	1
31	Housing, Transfer Gear	29528626 *	1			
36	Plug Assembly, 7/16-20	29500034	2	2	4	8
37	Plug Assembly, 1 1/16-12	29525049	1	1	2	4
51	Cover, Inspection	6770878	2	1	1	2

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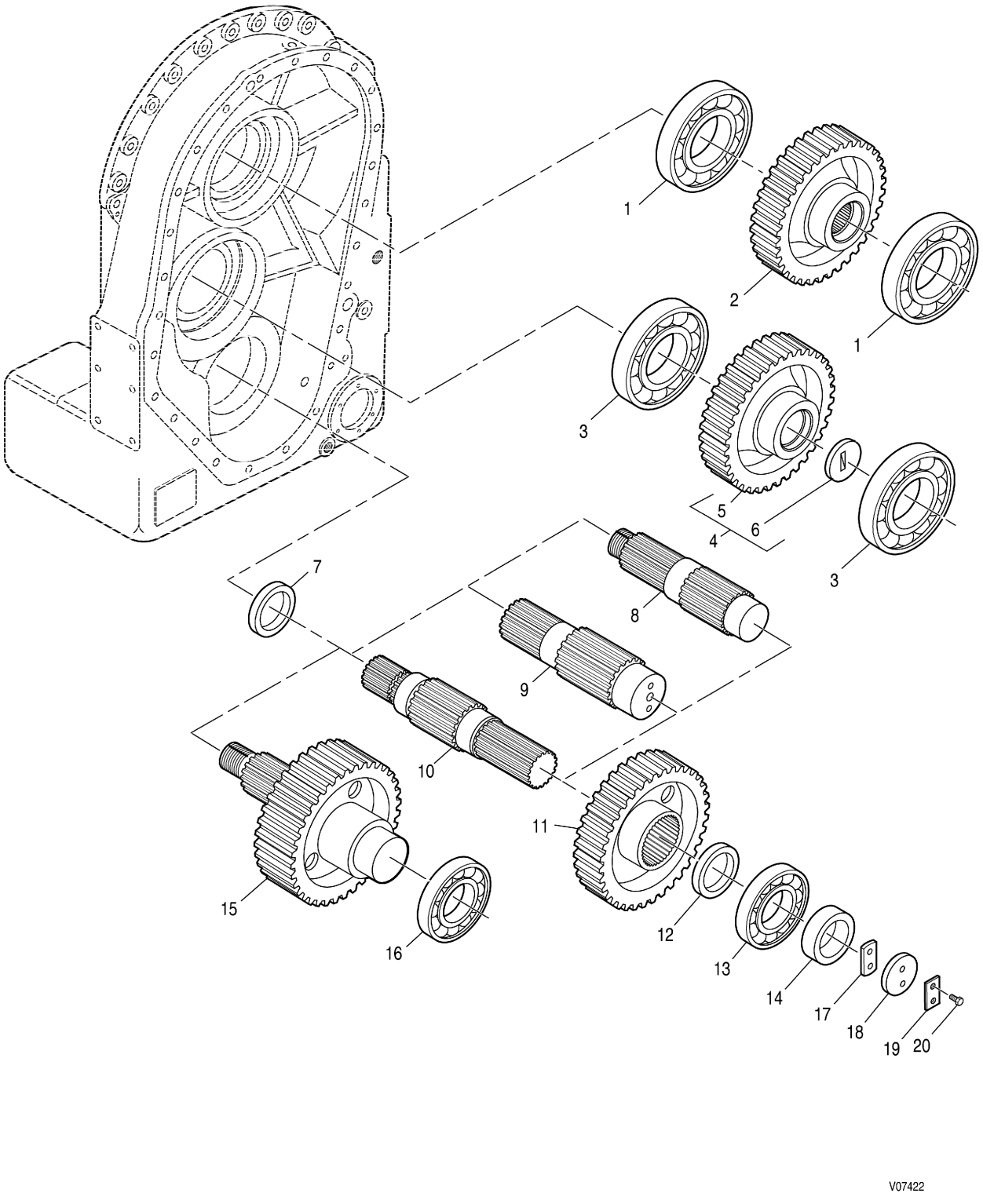


Figure 23. Transfer Gear

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GROUP 23-A

Transfer Gear, Figure 23

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bearing Kit. Kit Contains 23047974 Ball Bearing Assembly and 29507726 Instruction Sheet.	29507728	2	2	4	8
2	Gear, Transfer Drive Input	6838580	1	1	1	2
3	Bearing Assembly, Roller	29530100	2	2	4	8
4	Gear Assembly, Transfer Drive Idler	6837349	1	1	1	2
5	Gear, Transfer Drive Idler	6837350 *	1			
6	Plug, Transfer Drive Idler Gear	6757536	1	1	1	2
7	Spacer, Transfer Drive Output Gear, 2.780 ID x 3.760 OD x 0.712 inch	6757534	1	1	1	2
8–9	Not Used In This Group.					
10	Shaft, Transfer Drive Output	6774044	1	1	1	2
11	Gear, Transfer Drive Output	23012928	1	1	1	2
12	Spacer, Transfer Drive Output Gear, 2.780 ID x 3.760 OD x 0.712 inch	6757534	1	1	1	2
13	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
14	Spacer, Transfer Drive Output Bearing, 2.520 ID x 3.515 OD x 1.460 inch	6770677	1	1	1	2
15–20	Not Used In This Group.					

GROUP 23-B

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Gear, Transfer Drive Input. When Replacing 6779082 Transfer Drive Input Gear With 23047087 Gear, Also Replace 6779035 Main Output Shaft With 23047088 Shaft.	23047087	1	1	1	2
8–10	Not Used In This Group.					
12	Spacer, Transfer Drive Output Shaft, 3.360 ID x 4 OD x 0.965 inch	6759314	1	1	1	2
13–20	Not Used In This Group.					

GROUP 23-C

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Gear, Transfer Drive Input. When Replacing 6779082 Transfer Drive Input Gear With 23047087 Gear, Also Replace 6779035 Main Output Shaft With 23047088 Shaft.	23047087	1	1	1	2
7	Spacer, Transfer Drive Output Shaft, 3.360 ID x 4 OD x 0.965 inch	6759314	1	1	1	2
8–10	Not Used In This Group.					
14–20	Not Used In This Group.					

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GROUP 23-D

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Spacer, Transfer Drive Output Shaft, 3.360 ID x 4 OD x 0.965 inch . .	6759314	1	1	1	2
8–10	Not Used In This Group.					
14–20	Not Used In This Group.					

GROUP 23-E

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Spacer, Transfer Drive Output Shaft, 3.360 ID x 4 OD x 0.965 inch . .	6759314	1	1	1	2
8–10	Not Used In This Group.					

GROUP 23-F

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Gear, Transfer Drive Input. When Replacing 6779082 Transfer Drive Input Gear With 23047087 Gear, Also Replace 6779035 Main Output Shaft With 23047088 Shaft.	23047087	1	1	1	2
8	Shaft, Transfer Drive Output	6770646 ***	1			
9–10	Not Used In This Group.					
14–16	Not Used In This Group.					
17	Shim, 0.025 inch	6772140	AR	1	2	4
17	Shim, 0.005 inch	6772141	AR	1	2	4
18	Retainer, Output Shaft	6769476	1	1	1	2
19	Lockstrip	6755269	1	1	2	4
20	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8

GROUP 23-G

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Gear, Transfer Drive Input. When Replacing 6779082 Transfer Drive Input Gear With 23047087 Gear, Also Replace 6779035 Main Output Shaft With 23047088 Shaft.	23047087	1	1	1	2
8	Not Used In This Group.					
9	Shaft, Transfer Drive Output	6770094	1	1	1	2

(continued on next page)

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GROUP 23-G *(cont'd)*

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Not Used In This Group.					
14–16	Not Used In This Group.					
17	Shim, 0.025 inch	6772140	AR	1	2	4
17	Shim, 0.005 inch	6772141	AR	1	2	4
18	Retainer, Output Shaft	6769476	1	1	1	2
19	Lockstrip	6755269	1	1	2	4
20	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8

GROUP 23-H

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–14	Not Used In This Group.					
15	Gear, Transfer Drive Output	6884082	1	1	1	2
16	Bearing Assembly, Tapered Roller	9437787	1	1	2	4
17–20	Not Used In This Group.					

GROUP 23-J

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Gear, Transfer Drive Input	23047087	1	1	1	2
8	Not Used In This Group.					
9	Shaft, Transfer Drive Output	6770094	1	1	1	2
10	Not Used In This Group.					
13–16	Not Used In This Group.					
17	Shim, 0.025 inch	6772140	AR	1	2	4
17	Shim, 0.005 inch	6772141	AR	1	2	4
18	Retainer, Output Shaft	6769476	1	1	1	2
19	Lockstrip	6755269	1	1	2	4
20	Bolt, 1/2-20 x 1 1/4 inch	455012	2	2	4	8

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GROUP 23-K

Transfer Gear, Figure 23

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Not Used In This Group.					
12	Spacer, Transfer Drive Output Shaft, 3.360 ID x 4 OD x 0.965 inch . .	6759314	1	1	1	2
13–20	Not Used In This Group.					

GROUP 23-L

Transfer Gear, Figure 23

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bearing Kit. Kit Contains 23047974 Ball Bearing Assembly and 29507726 Instruction Sheet.	29507728	2	2	4	8
2	Gear, Transfer Drive Input	6838580	1	1	1	2
3	Bearing Assembly, Roller	29530100	2	2	4	8
4	Gear Assembly, Transfer Drive Idler	6837349	1	1	1	2
5	Gear, Transfer Drive Idler	6837350 *	1			
6	Plug, Transfer Drive Idler Gear	6757536	1	1	1	2
7	Spacer, Transfer Drive Output Gear, 2.780 ID x 3.760 OD x 0.712 inch	6757534	1	1	1	2
8–9	Not Used In This Group.					
10	Shaft, Transfer Drive Output	6774044	1	1	1	2
11	Gear, Transfer Drive Output	23012928	1	1	1	2
12	Spacer, Transfer Drive Output Gear, 2.780 ID x 3.760 OD x 0.712 inch	6757534	1	1	1	2
13	Bearing Assembly, Single-Row Ball	23041451	1	1	2	4
14	Spacer, Transfer Drive Output Bearing, 2.520 ID x 3.515 OD x 1.460 inch	6770677	1	1	1	2
15–20	Not Used In This Group.					

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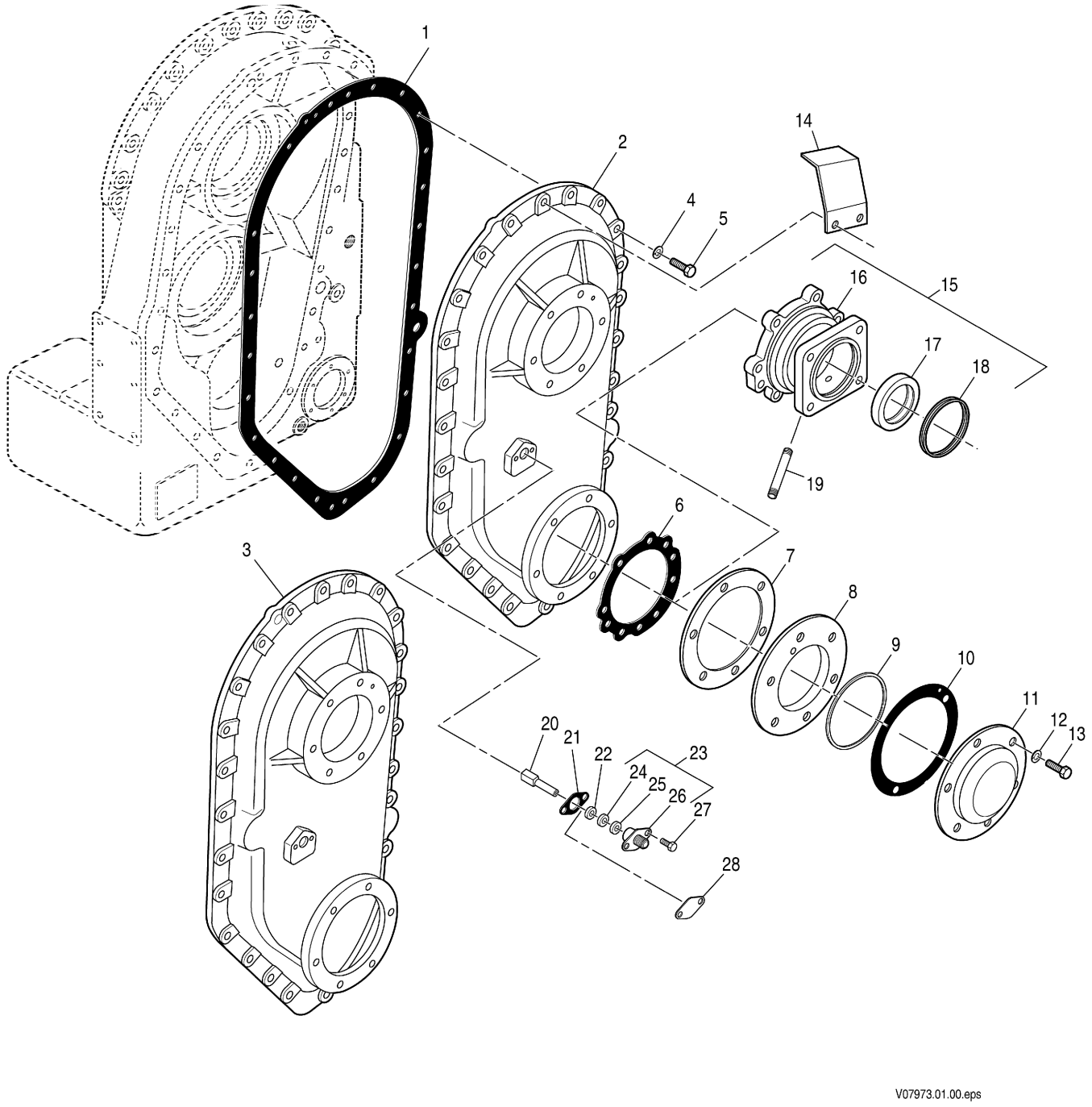


Figure 24. Transfer Gear Housing Cover and Speedometer

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NOTES

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GROUP 24-A

Transfer Gear Housing Cover/Speedo, Figure 24

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Transfer Gear Housing	6756313	1	1	2	4
2	Cover, Transfer Gear Housing	6771509	1	1	1	1
3	Not Used In This Group.					
4	Lockwasher, 1/2 inch	103323	26	26	52	104
5	Bolt, 1/2-13 x 1 3/4 inch	179887	26	26	52	104
6	Gasket, Bearing Retainer	6758563	1	1	2	4
7–11	Not Used In This Group.					
12	Lockwasher, 1/2 inch	103323	6	6	12	24
13	Bolt, 1/2-13 x 1 1/2 inch	186725	6	6	12	24
14	Not Used In This Group.					
15	Retainer Assembly, Output Bearing	6768878	1	1	1	2
16	Retainer, Output Bearing	6768877 *	1			
17	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
18	Slinger, 4.766 inch OD	6757563	1	1	2	4
19	Nipple, Seal Drain, 1/4-18 x 4 inch	119247	1	1	1	2
20	Shaft, Speedometer Drive	6757602	1	1	1	2
21	Gasket, Speedometer Drive Sleeve	552868	1	1	2	4
22	Washer, 3/8 ID x 21/32 OD x 3/32 inch	29544561	1	1	2	4
23	Sleeve Assembly, Speedometer Drive	6768536	1	1	2	4
24	Seal Assembly, Oil, 0.691 inch OD	6768417	1	1	2	4
25	Washer, Thrust, 3/8 ID x 11/16 OD x 5/32 inch	6768418	1	1	2	4
26	Sleeve, Speedometer Drive	2043587 *	1			
27	Screw Assembly, Spring Lock, 5/16-18 x 7/8 inch	23016147	2	2	4	8
28	Not Used In This Group.					

GROUP 24-B

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1
7–19	Not Used In This Group.					

GROUP 24-C

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Cover, Transfer Gear Housing	6884078	1	1	1	1
6	Not Used In This Group.					
7	Shim, Bearing Retainer, 0.003 inch, Selective	23015620	AR	1	2	4

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GROUP 24-C *(cont'd)*

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Shim, Bearing Retainer, 0.010 inch, Selective	23015621	AR	1	2	4
7	Shim, Bearing Retainer, 0.020 inch, Selective	23015622	AR	1	2	4
7	Shim, Bearing Retainer, 0.040 inch, Selective	23015623	AR	1	2	4
8	Plate, Bearing Retainer	23016152	1	1	1	2
9	O-ring, 6.484 inch ID	6884080	1	1	2	4
10	Not Used In This Group.					
11	Retainer, Bearing	6884079	1	1	1	2
13	Bolt, 1/2-13 x 1 5/8 inch	179886	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–19	Not Used In This Group.					

GROUP 24-D

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/4 inch	179884	6	6	12	24
14–19	Not Used In This Group.					

GROUP 24-E

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1

GROUP 24-F

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
14–19	Not Used In This Group.					

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GROUP 24-G

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Cover, Transfer Gear Housing	23017579	1	1	1	1
6	Not Used In This Group.					
7	Shim, Bearing Retainer, 0.003 inch, Selective	23015620	AR	1	2	4
7	Shim, Bearing Retainer, 0.010 inch, Selective	23015621	AR	1	2	4
7	Shim, Bearing Retainer, 0.020 inch, Selective	23015622	AR	1	2	4
7	Shim, Bearing Retainer, 0.040 inch, Selective	23015623	AR	1	2	4
8–9	Not Used In This Group.					
10	Gasket	6779038	1	1	2	4
11	Retainer, Bearing	29538482	1	1	1	2
13	Bolt, 1/2-13 x 1 5/8 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–19	Not Used In This Group.					

GROUP 24-H

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
14	Shield, Magnetic Pickup	6837321	1	1	1	2

GROUP 24-J

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–19	Not Used In This Group.					

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GROUP 24-K

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Cover, Transfer Gear Housing	23017579	1	1	1	1
6–9	Not Used In This Group.					
10	Gasket	6779038	1	1	2	4
11	Retainer, Bearing	29538482	1	1	1	2
13	Bolt, 1/2-13 x 1 5/8 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

GROUP 24-L

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
14–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

GROUP 24-M

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1
7–13	Not Used In This Group.					
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

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GROUP 24-N

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

GROUP 24-P

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
14	Shield, Magnetic Pickup	6837321	1	1	1	2
20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

GROUP 24-Q

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/8 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					

GROUP 24-R

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Not Used In This Group.					
3	Cover, Transfer Gear Housing	6779037	1	1	1	1

(continued on next page)

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GROUP 24-R *(cont'd)*

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–10	Not Used In This Group.					
11	Retainer, Bearing	6757585	1	1	1	2
13	Bolt, 1/2-13 x 1 3/4 inch	179884	6	6	12	24
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

GROUP 24-S

Transfer Gear Housing Cover/Speedo, Figure 24

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7–13	Not Used In This Group.					
14	Shield, Magnetic Pickup	6837321	1	1	1	2
15–20	Not Used In This Group.					
22–26	Not Used In This Group.					
28	Cover, Speedometer Drive	6771300	1	1	1	2

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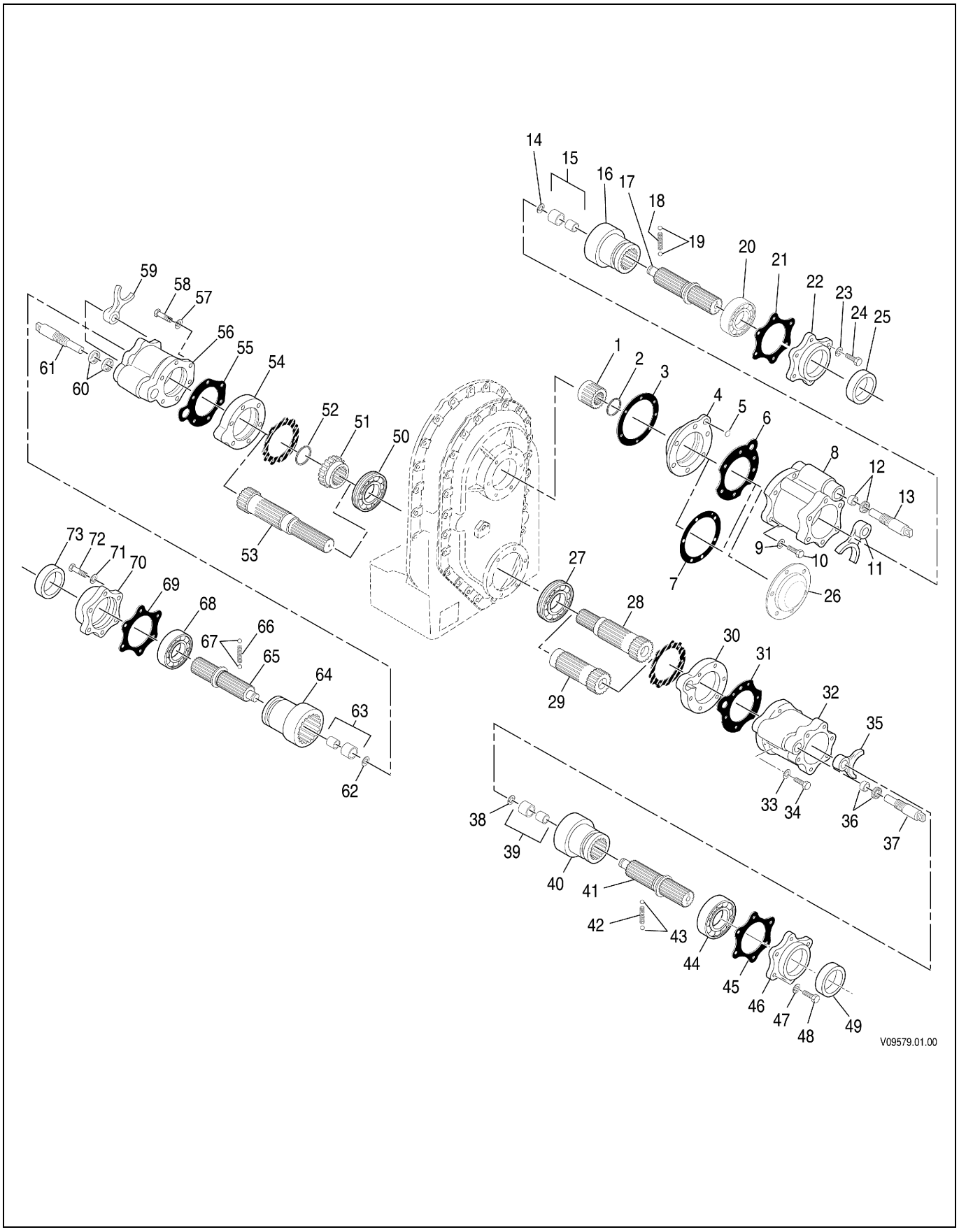


Figure 25. Disconnect Clutch

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NOTES

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GROUP 25-A

Output Disconnect Clutch, Figure 25

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Coupling, Output Drive	6779036	1	1	1	2
2	Ring, Retaining, External, 2.593 inch ID	6754835	1	1	2	4
3	Gasket, Disconnect Clutch Housing Adapter	6779038	1	1	2	4
4	Adapter, Disconnect Clutch Housing	6779039	1	1	1	2
5	Not Used In This Group.					
6	Gasket, Disconnect Clutch Housing	6772012	1	1	2	4
7	Not Used In This Group.					
8	Housing, Disconnect Clutch	6779041	1	1	1	2
9	Lockwasher, 1/2 inch	103323	6	6	12	24
10	Bolt, 1/2-13 x 1 3/4 inch	179887	6	6	12	24
11	Fork, Shifter, Disconnect Clutch	23012852	1	1	1	2
12	Rod Wiper And Oil Seal Kit. See SIL 06-TR-82.	23014948	1	1	2	4
NI	Seal Assembly, Oil, 1.878 inch OD	23014064	1	1	2	4
NI	Seal, Rod Wiper, 1.878 inch OD	23014065	1	1	2	4
NI	Instruction Sheet No. 156	23014949	1	1	2	4
13	Shaft, Disconnect Clutch Shifter Fork	6755193	1	1	1	2
14	Ring, Retaining, External, 1.030 inch ID	6751633	1	1	2	4
15	Bearing Assembly, Roller	6754783	1	1	2	4
16	Coupling, Disconnect	6751630	1	1	1	2
17	Shaft, Output	6756388	1	1	1	2
18	Spring, Detent, 7/16 OD x 2 1/8 inch	5171417	1	1	2	4
19	Ball, Detent, 1/2 inch	145657	2	2	4	8
20	Bearing Assembly, Single-Row Ball	23047977	1	1	2	4
21	Gasket, Bearing Retainer	6755672	1	1	2	4
22	Retainer, Output Bearing	6772011	1	1	1	2
23	Lockwasher, 1/2 inch	103323	6	6	12	24
24	Bolt, 1/2-13 x 1 1/2 inch	179885	6	6	12	24
25	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
26	Not Used In This Group.					
27	Bearing Assembly, Single-Row Ball	23047980	1	1	2	4
28	Shaft, Transfer Drive Output. When Replacing 29503131 Transfer Drive Output Shaft With 6880778 Shaft, Also Replace 29503132 Output Drive Coupling With 6880776 Coupling.	6880778	1	1	1	2
29	Not Used In This Group.					
30	Adapter, Disconnect Clutch Housing	6772008	1	1	1	2
31	Gasket, Disconnect Clutch Housing	6772012	1	1	2	4
32	Housing, Disconnect Clutch	6779041	1	1	1	2
33	Lockwasher, 1/2 inch	103323	6	6	12	24
34	Bolt, 1/2-13 x 2 3/4 inch	179892	6	6	12	24
35	Fork, Shifter, Disconnect Clutch	23012852	1	1	1	2
36	Rod Wiper And Oil Seal Kit. See SIL 06-TR-82.	23014948	1	1	2	4
NI	Seal Assembly, Oil, 1.878 inch OD	23014064	1	1	2	4
NI	Seal, Rod Wiper, 1.878 inch OD	23014065	1	1	2	4
NI	Instruction Sheet No. 156	23014949	1	1	2	4
37	Shaft, Disconnect Clutch Shifter Fork	6755193	1	1	1	2
38	Ring, Retaining, External, 1.030 inch ID	6751633	1	1	2	4

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GROUP 25-A *(cont'd)*

Output Disconnect Clutch, Figure 25

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
39	Bearing Assembly, Roller	6754783	1	1	2	4
40	Coupling, Disconnect	6751630	1	1	1	2
41	Shaft, Output	6756388	1	1	1	2
42	Spring, Detent, 7/16 OD x 2 1/8 inch	5171417	1	1	2	4
43	Ball, Detent, 1/2 inch	145657	2	2	4	8
44	Bearing Assembly, Single-Row Ball	23047977	1	1	1	2
45	Gasket, Bearing Retainer	6755672	1	1	2	4
46	Retainer, Output Bearing	6772011	1	1	1	2
47	Lockwasher, 1/2 inch	103323	6	6	12	24
48	Bolt, 1/2-13 x 1 1/2 inch	179885	6	6	12	24
49	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4
50	Bearing Assembly, Single-Row Ball	23047957	1	1	2	4
51	Coupling, Output Drive. When Replacing 29503131 Output Drive Coupling With 6880776 Coupling, Also Replace 29503131 Transfer Drive Output Shaft With 6880778 Shaft.	6880776	1	1	1	2
52	Ring, Retaining, External, 2.328 inch ID	6750259	1	1	2	4
53	Not Used In This Group.					
54	Adapter, Disconnect Clutch Housing	6772008	1	1	1	2
55	Gasket, Disconnect Clutch Housing	6772012	1	1	2	4
56	Housing, Disconnect Clutch	6779041	1	1	1	2
57	Lockwasher, 1/2 inch	103323	6	6	12	24
58	Bolt, 1/2-13 x 2 3/4 inch	179892	6	6	12	24
59	Fork, Shifter, Disconnect Clutch	23012852	1	1	1	2
60	Rod Wiper And Oil Seal Kit. See SIL 06-TR-82.	23014948	1	1	2	4
NI	Seal Assembly, Oil, 1.878 inch OD	23014064	1	1	2	4
NI	Seal, Rod Wiper, 1.878 inch OD	23014065	1	1	2	4
NI	Instruction Sheet No. 156	23014949	1	1	2	4
61	Shaft, Disconnect Clutch Shifter Fork	6755193	1	1	1	2
62	Ring, Retaining, External, 1.030 inch ID	6751633	1	1	2	4
63	Bearing Assembly, Roller	6754783	1	1	2	4
64	Coupling, Disconnect	6751630	1	1	1	2
65	Shaft, Output	6756388	1	1	1	2
66	Spring, Detent, 7/16 OD x 2 1/8 inch	5171417	1	1	2	4
67	Ball, Detent, 1/2 inch	145657	2	2	4	8
68	Bearing Assembly, Single-Row Ball	23047977	1	1	1	2
69	Gasket, Bearing Retainer	6755672	1	1	2	4
70	Retainer, Output Bearing	6772011	1	1	1	2
71	Lockwasher, 1/2 inch	103323	6	6	12	24
72	Bolt, 1/2-13 x 1 1/2 inch	179885	6	6	12	24
73	Seal Assembly, Oil, 4.756 inch OD	6773311	1	1	2	4

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GROUP 25-B

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
28	Shaft, Transfer Drive Output. Used Prior To S/N 3110088032. See SIL 62-TR-81.	6759323	1	1	1	2
29	Shaft, Transfer Drive Output. Used Starting With S/N 3110088032.	6779043	1	1	1	2
50–73	Not Used In This Group.					

GROUP 25-C

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
26–49	Not Used In This Group.					
50	Bearing Assembly, Single-Row Ball	23047980	1	1	2	4
51–52	Not Used In This Group.					
53	Shaft, Transfer Drive Output	6759323	1	1	1	2

GROUP 25-D

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–49	Not Used In This Group.					
50	Bearing Assembly, Single-Row Ball	23047980	1	1	2	4
51–52	Not Used In This Group.					
53	Shaft, Transfer Drive Output	6759323	1	1	1	2

GROUP 25-E

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Plug, Expansion	117919	1	1	1	2
7–8	Not Used In This Group.					
11–25	Not Used In This Group.					
26	Retainer, Bearing	6757585	1	1	1	2
27–73	Not Used In This Group.					

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GROUP 25-F

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Plug, Expansion	117919	1	1	2	4
6	Not Used In This Group.					
7	Gasket, Disconnect Clutch Housing	6779038	1	1	2	4
11–25	Not Used In This Group.					
26	Retainer, Bearing	6757585	1	1	1	2
27–73	Not Used In This Group.					

GROUP 25-G

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
26–73	Not Used In This Group.					

GROUP 25-H

Output Disconnect Clutch, Figure 25

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–5	Not Used In This Group.					
10	Bolt, 1/2 - 13 x 2 3/4 inch	179892	6	6	12	24
12	Rod Wiper And Oil Seal Kit	23014948	1	1	2	4
28	Shaft, Transfer Drive Output	6880778	1	1	1	2
36	Rod Wiper And Oil Seal Kit	23014948	1	1	2	4
51	Coupling, Output Drive	6880776	1	1	1	2
55–73	Not Used In This Group.					

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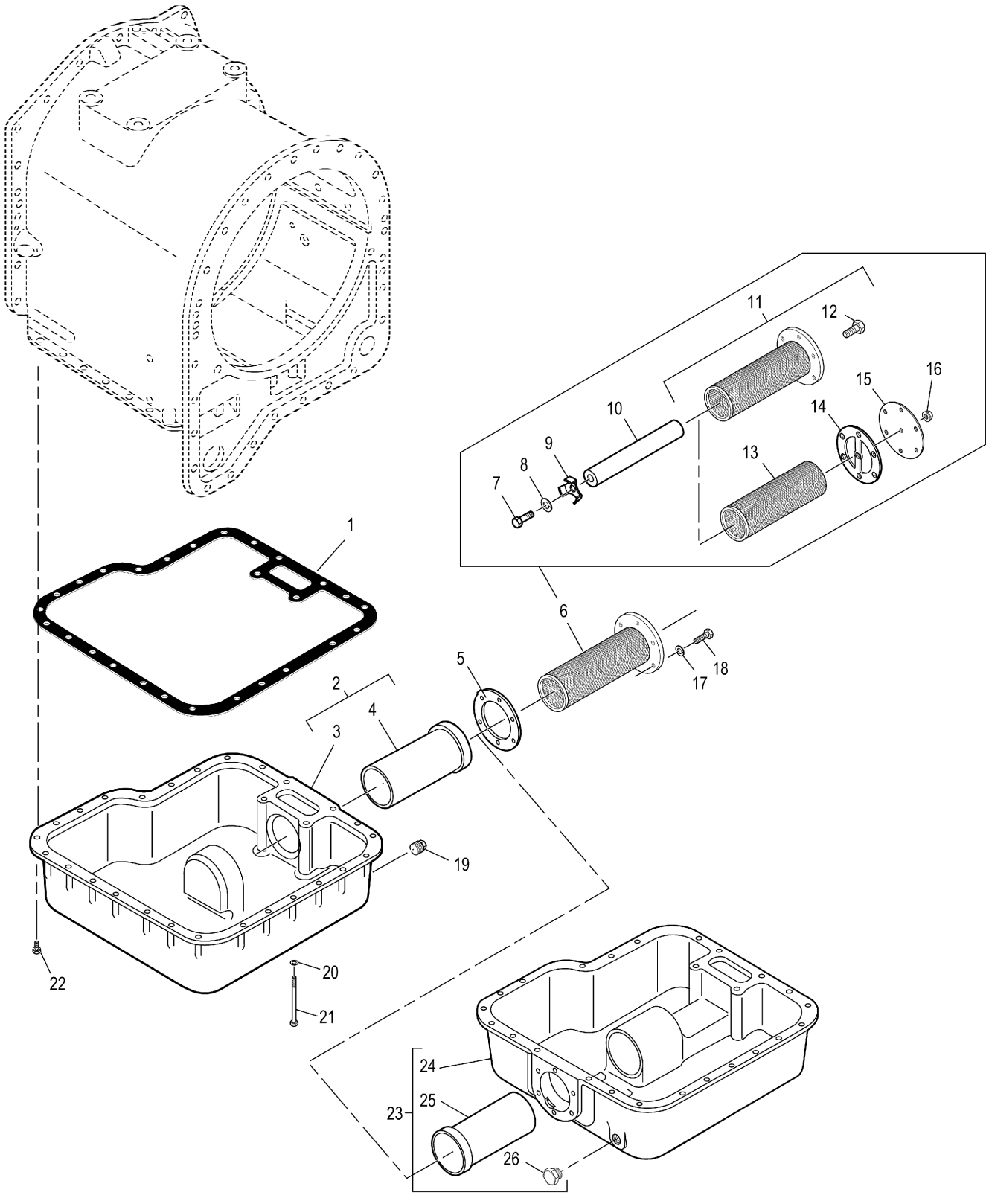


Figure 26A. Oil Pan

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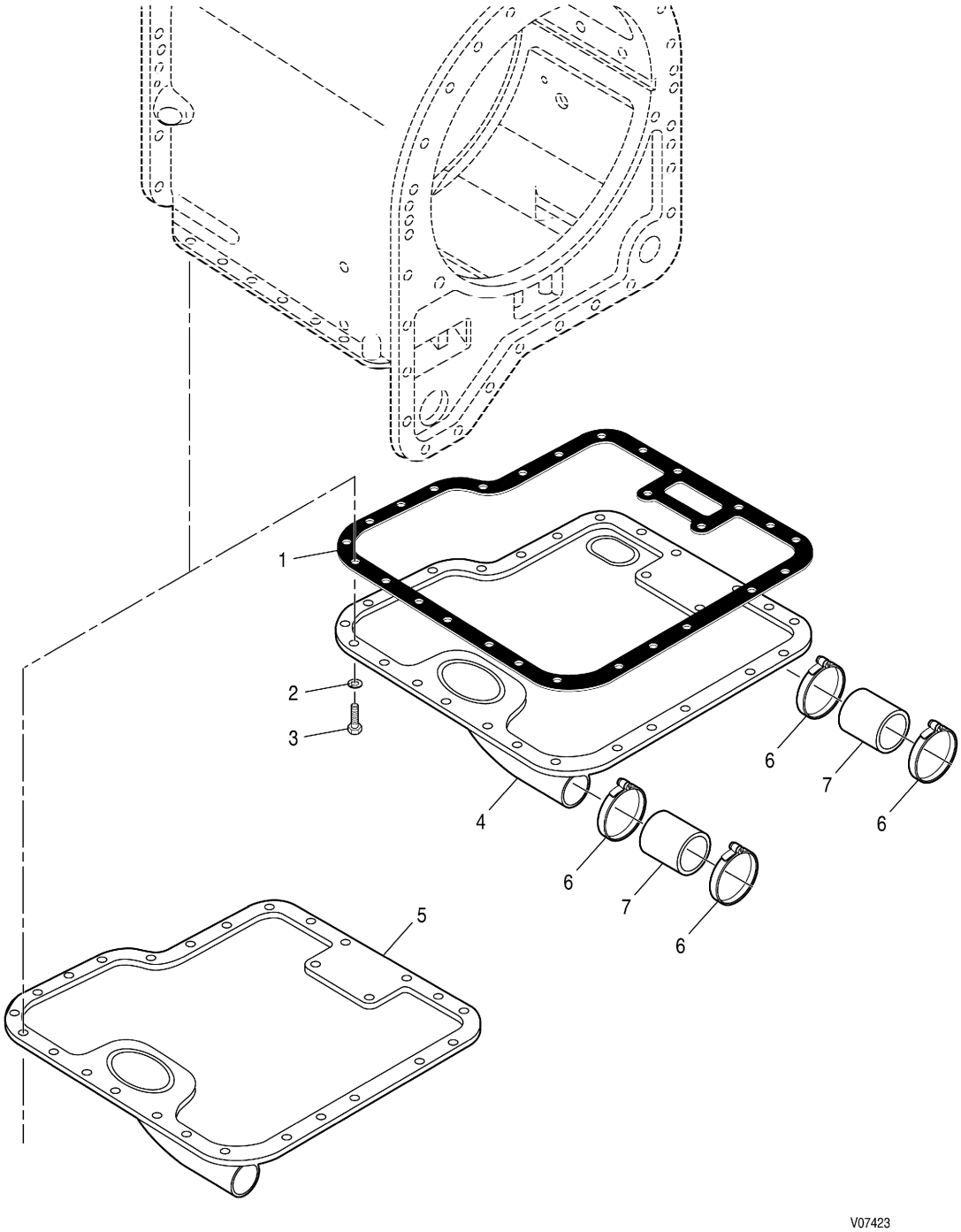


Figure 26B. Oil Pan

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GROUP 26-A

Oil Pan, Figure 26A

5 Inch Pan, Right-Side Screen

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Pan	6758437	1	1	2	4
2	Pan Assembly, Oil	29525027	1	1	1	2
3	Pan, Oil	29525026 *	1			
4	Shield, Oil Strainer	6758473	1	1	1	2
5	Gasket, Oil Strainer Cover	6882702	1	1	2	4
6	Oil Strainer And Magnet Assembly	23011216	1	1	1	2
7	Bolt, 1/4-20 x 5/8 inch	186630	1	1	2	4
8	Lockwasher, 1/4 inch	103319	1	1	2	4
9	Bracket, Magnet	23011194	1	1	1	2
10	Magnet	23011195	1	1	1	2
11	Oil Strainer Assembly	23011196	1	1	1	2
12	Bolt, 1/4-20 x 5/8 inch. Bolt 186630 Is Brazed Into Strainer 23011196 And Cannot Be Serviced Separately In This Location	186630	1	1	2	4
13–16	Not Used In This Group.					
17	Lockwasher, 3/8 inch	103321	6	6	12	24
18	Bolt, 3/8-16 x 7/8 inch	179838	6	6	12	24
19	Plug, Square Hd Pipe, 3/4-14. Used Prior To 29525024, 29525026, And 29525028 Pans.	23017377	1	1	2	4
19	Plug Assembly, 1 1/16-12. Used Starting With 29525024, 29525026, And 29525028 Pans. See SIL 20-TR-96.	29525049	1	1	2	4
20	Lockwasher, 3/8 inch	103321	4	4	8	18
21	Bolt, 3/8-16 x 5 inch	9418964	4	4	8	18
22	Screw Assembly, Spring Lock, 3/8-16 x 1 3/32 inch	23016149	24	24	48	96
23–26	Not Used In This Group.					

GROUP 26-B

Oil Pan, Figure 26A

5 Inch Pan, Left-Side Screen

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2–4	Not Used In This Group.					
19	Not Used In This Group.					
23	Pan Assembly, Oil	29525025	1	1	1	2
24	Pan, Oil	29525024 *	1			
25	Shield, Oil Strainer	6758473	1	1	1	2
26	Plug Assembly, 1 1/16-12	29525049	1	1	1	2

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GROUP 26-C

Oil Pan, Figure 26A
8 Inch Pan, Right-Side Screen

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Pan Assembly, Oil	29525029	1	1	1	2
3	Pan, Oil	29525028 *	1			
6	Oil Strainer And Magnet Assembly	29520043	1	1	1	2
11–12	Not Used In This Group.					
13	Oil Strainer Assembly	29520044	1	1	1	2
14	Gasket, Oil Strainer	29520046	1	1	2	4
15	Cover, Oil Strainer	29520047	1	1	1	2
16	Locknut, 3/8-24	23014107	1	1	2	4

GROUP 26-D

Oil Pan, Figure 26B
Dual-Drain Cover

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Drain Cover	6833619	1	1	2	4
2	Lockwasher, 3/8 inch	103321	28	28	56	112
3	Bolt, 3/8-16 x 7/8 inch	179838	28	28	56	112
4	Cover, Oil Drain	23016068	1	1	1	2
5	Not Used In This Group.					
6	Clamp, Hose	6758557	4	4	8	16
7	Hose, Drain	6758486	2	2	4	8

GROUP 26-E

Oil Pan, Figure 26B
Single-Drain Cover

Same As Group D, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Drain Cover	6768981	1	1	2	4
4	Not Used In This Group.					
5	Cover Assembly, Oil Drain	6768989	1	1	1	2
6	Clamp, Hose	6758557	2	2	4	8
7	Hose, Drain	6758486	1	1	2	4

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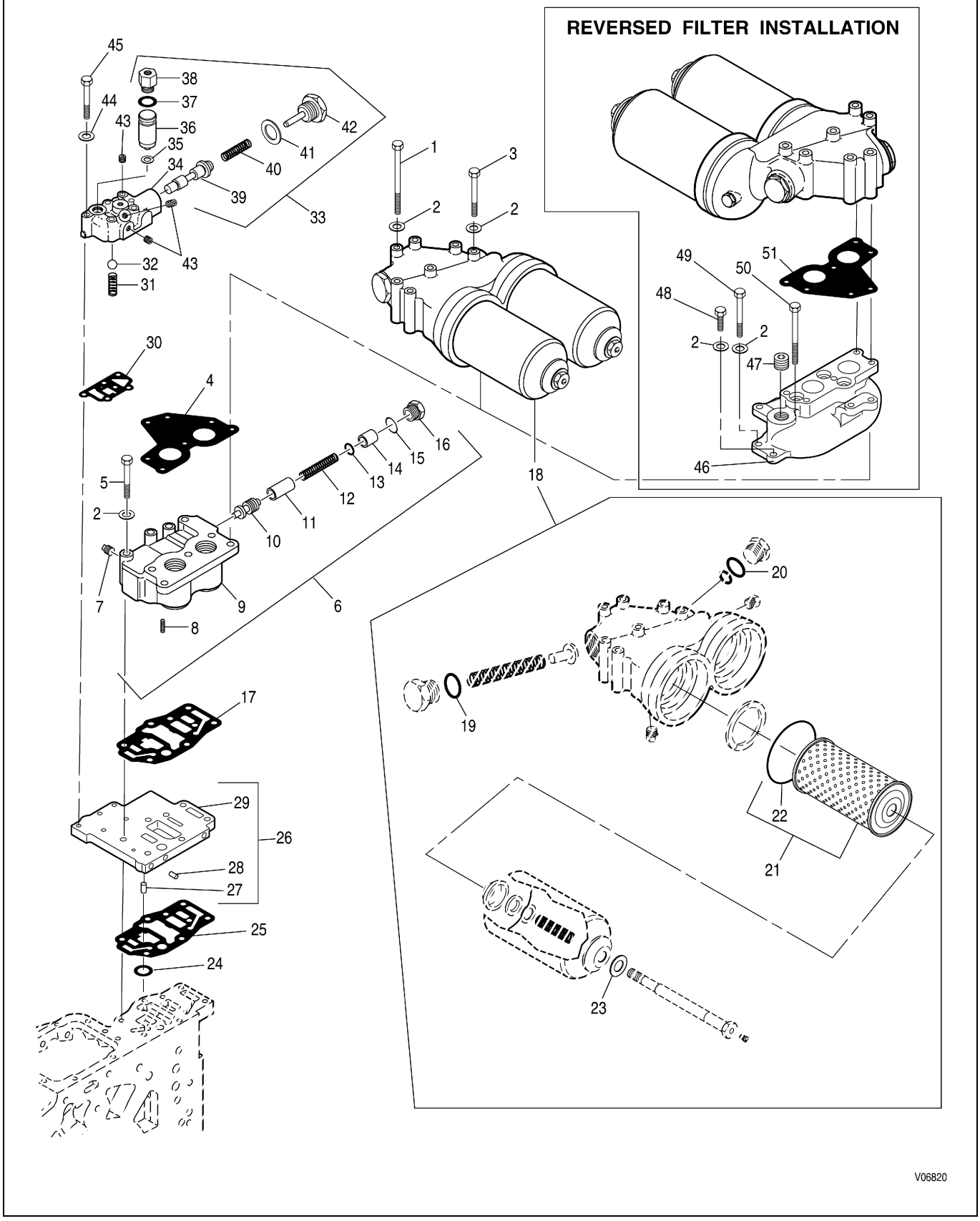


Figure 27A. Main Pressure Regulator Valve and Oil Filter

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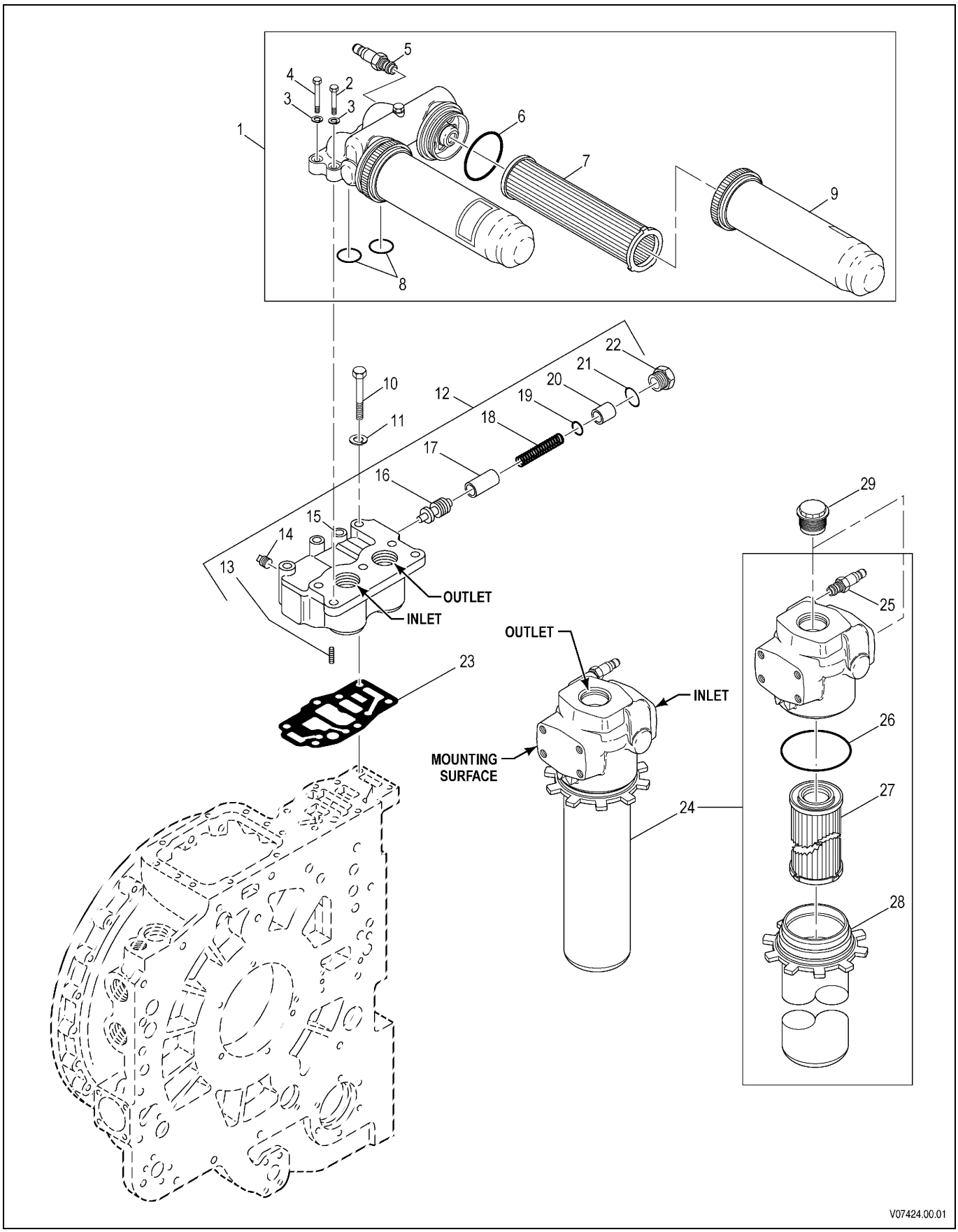


Figure 27B. Main Pressure Regulator Valve and Oil Filter

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GROUP 27-A

Main Pressure Regulator Valve/Oil Filter, Figure 27A
Direct Mount Oil Filter

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 7/16-14 x 7 inch	9415092 ***	5			
2	Washer, Flat, 7/16 inch	9422848	9	9	18	36
3	Bolt, 7/16-14 x 4 1/2 inch	29525012	2	2	4	8
4	Gasket, Oil Filter Base	6770521	1	1	2	4
5	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	2	2	4	8
6	Body Assembly, Main Pressure Regulator Valve	29525040	1	1	1	2
7	Plug, Pipe, 1/4-18. Used Prior To 29525039 Body.	23012035	1	1	2	4
7	Plug Assembly, Pressure Tap, 7/16-20. Used Starting With 29525039 Body. See SIL 20-TR-96.	29500034	1	1	2	4
8	Screw, Hex Socket Set, 5/16-18 x 1 7/32 inch	9417797	1	1	2	4
9	Body, Main Pressure Regulator Valve	29525039	1	1	1	1
10	Valve Assembly, Main Pressure Regulator	6770075	1	1	1	2
11	Stop, Main Pressure Regulator Valve	6758907	1	1	1	2
12	Spring, Main Pressure Regulator Valve, 0.800 OD x 4 1/2 inch	6758508	1	1	2	4
13	Shim, Selective, 0.048 inch	6768264	AR	2	4	8
13	Shim, Selective, 0.024 inch	6769783	AR	2	4	8
14	Plug, Main Pressure Regulator Valve	6776680	1	1	1	2
15	Gasket, Annular Copper, 1.406 ID x 1 3/4 inch OD	6760112	1	1	2	4
16	Plug, 1 3/8-12	6758461	1	1	2	4
17	Gasket, Main Pressure Regulator Valve Body	23016548	1	1	2	4
18	Filter Assembly, Oil. Service 25011747 Oil Filter Assembly With 29530556 Filter Assembly. See SIL 22-TR-84 And SIL 12-TR-93.	29530556	1	1	2	4
19	Washer, AC Filter Bypass Valve Plug	29544517	1	1	2	4
20	Washer, AC Filter Pressure Switch	29544518	1	1	2	4
21	Element Assembly, Oil Filter	25011193 ***	2			
22	O-ring, AC Filter Canister	29544515	2	2	4	8
23	O-ring, AC Filter Canister	29544516	2	2	6	20
24–51	Not Used In This Group.					

GROUP 27-B

Main Pressure Regulator Valve/Oil Filter, Figure 27A
Direct Mount Oil Filter With Variable Torque Converter Stator Control Valve

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 7/16-14 x 8 1/4 inch	9411488 ***	5			
5	Bolt, 7/16-14 x 4 1/2 inch	29525012	2	2	4	8
24	O-ring, 0.612 inch ID	6703225	1	1	2	4
25	Washer, AC Filter Center Shell Stud	23016548	1	1	2	4
26	Adapter Assembly, Variable Stator Control Valve	6778492 ***	1			
27	Tube, Jumper	6778417 ***	1			

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GROUP 27-B *(cont'd)*

Main Pressure Regulator Valve/Oil Filter, Figure 27A

Direct Mount Oil Filter With Variable Torque Converter Stator Control Valve

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
28	Pin, Dowel, 7/16 x 7/16 inch	141255	5	5	10	20
29	Adapter, Variable Stator Control Valve	6778473 ***	1			
30	Gasket, Variable Stator Control Valve Body	6778451	1	1	2	4
31	Spring, Check Ball Return, 5/16 OD x 0.710 inch	6778422 ***	1			
32	Ball, Check, 5/16 inch	6880187	1	1	2	4
33	Body Assembly, Variable Stator Control Valve	6779647 **	1			
34	Body, Variable Stator Control Valve	6779645 ***	1			
35	Gasket, Annular Copper, 0.885 ID x 1.115 inch OD	6772740	1	1	2	4
36	Plug, Cutoff, Variable Stator Control Valve	6831528	1	1	1	2
37	O-ring, 0.364 inch ID	6750558	1	1	2	4
38	Plug, Cutoff Valve Retainer	6771378	1	1	1	2
39	Valve, Variable Stator Control	6778430	1		1	2
40	Spring, Variable Stator Control Valve, 0.930 inch OD x 4.450 inch	6830323 ***	1			
41	Washer	6703212	1	1	2	4
42	Plug Assembly, Valve Stop	6778411	1	1	1	2
43	Plug, Square Socket Pipe, 1/4-27	444654	3	3	6	12
44	Washer, Flat, 3/8 inch	9422847	5	5	10	20
45	Bolt, 3/8-16 x 2 1/4 inch	179848	5	5	10	20
46–51	Not Used In This Group.					

GROUP 27-C

Main Pressure Regulator Valve/Oil Filter, Figure 27A

Reversed Direct Mount Filter

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 7/16-14 x 4 3/4 inch	274499 ***	4			
2	Washer, Flat, 7/16 inch	9422848	16	16	32	64
3	Bolt, 7/16-14 x 5 1/4 inch	187425 ***	3			
5	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	3	3	6	12
24–45	Not Used In This Group.					
46	Adapter, Oil Filter, Reversed Filter Installation	6773790	1	1	1	1
47	Plug, Square Head Pipe, 3/4-14	23017377	1	1	2	4
48	Bolt, Hexlock, 7/16-14 x 1 1/2 inch	9416011	1	1	2	4
49	Bolt, 7/16-14 x 4 inch	179874 ***	3			
50	Bolt, 7/16-14 x 6 1/4 inch	451309 ***	2			
51	Gasket, Oil Filter Adapter	6770521	1	1	2	4

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GROUP 27-D

Main Pressure Regulator Valve/Oil Filter, Figure 27A
Reversed Direct Mount Filter

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 7/16-14 x 2 inch	23045473 ***	4			
2	Washer, Flat, 7/16 inch	9422848	16	16	32	64
3	Bolt, 7/16-14 x 2 1/2 inch	23045474 ***	3			
5	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	3	3	6	12
24–45	Not Used In This Group.					
46	Adapter, Oil Filter, Reversed Filter Installation	6773790	1	1	1	1
47	Plug, Square Head Pipe, 3/4-14	23017377	1	1	2	4
48	Bolt, 7/16-14 x 1 1/2 inch	179862	1	1	2	4
49	Bolt, 7/16-14 x 4 inch	179874 ***	3			
50	Bolt, 7/16-14 x 6 1/4 inch	451309 ***	2			
51	Gasket, Oil Filter Adapter	6770521	1	1	2	4

GROUP 27-E

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Direct Mount Oil Filter

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Filter Assembly, Oil. See SIL 22-TR-84 And SIL 12-TR-93 And SIL 02-TR-86.	29530556	1	1	1	2
2	Bolt, 7/16-14 x 1 3/4 inch	9421651	2	2	4	8
3	Lockwasher, 7/16 inch	29509735	5	5	10	20
4	Bolt, 7/16-14 x 4 1/2 inch	29525012	3	3	6	12
5	Switch, Pressure Differential, 35 psi. See SIL 12-TR-93.	29529657	1	1	2	4
6	Sealring, 88.20 mm ID. See SIL 02-TR-86.	23018950	2	2	4	8
7	Element, Oil Filter. See SIL 12-TR-93.	29510910	2	2	4	8
8	O-ring, 1.860 inch ID. See SIL 02-TR-86.	29512863	2	2	4	8
9	Bowl, Filter	23040664	2	2	4	8
10	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	4	4	8	16
11	Washer, Flat, 7/16 inch	9422848	4	4	8	16
12	Body Assembly, Main Pressure Regulator Valve	29525040	1	1	1	2
13	Screw, Hex Socket Set, 5/16-18 x 1 7/32 inch	9417797	1	1	2	4
14	Plug, Pipe, 1/4-18. Used Prior To 29525039 Body.	23012035	1	1	2	4
14	Plug Assembly, Pressure Tap, 7/16-20. Used Starting With 29525039 Body. See SIL 20-TR-96.	29500034	1	1	2	4
15	Body, Main Pressure Regulator Valve	29525039	1	1	1	1
16	Valve Assembly, Main Pressure Regulator	6770075	1	1	1	2
17	Stop, Main Pressure Regulator Valve	6758907	1	1	1	2
18	Spring, Main Pressure Regulator Valve, 0.800 OD x 4 1/2 inch	6758508	1	1	2	4
19	Shim, Selective, 0.048 inch	6768264	AR	2	4	8
19	Shim, Selective, 0.024 inch	6769783	AR	2	4	8
20	Plug, Main Pressure Regulator Valve	6776680	1	1	1	2

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GROUP 27-E *(cont'd)*

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Direct Mount Oil Filter

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
21	Gasket, Annular Copper, 1.406 ID x 1 3/4 inch OD	6760112	1	1	2	4
22	Plug, 1 3/8-12	6758461	1	1	2	4
23	Gasket, Main Pressure Regulator Valve Body	23016548	1	1	2	4
24–29	Not Used In This Group.					

GROUP 27-F

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Remote Mount Oil Filter

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	7	7	14	28
11	Washer, Flat, 7/16 inch	9422848	7	7	14	28
24	Filter Assembly, Oil. See SIL 12-TR-93 And SIL 22-TR-84 And SIL 02-TR-86.	29530557	1	1	1	2
25	Switch, Pressure Differential, 35 psi. See SIL 12-TR-93.	29529657	1	1	2	4
26	O-ring, 4.734 inch ID	23018958	1	1	2	4
27	Element, Oil Filter. See SIL 12-TR-93 And SIL 02-TR-86.	29510912	1	1	2	4
28	Bowl, Filter	29510911	1	1	2	4
29	Plug Assembly, Shipping, 1 5/8-12	29519129	2	2	2	4

GROUP 27-G

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Direct Mount Oil Filter

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	7	7	14	28
11	Washer, Flat, 7/16 inch	9422848	7	7	14	28

GROUP 27-H

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Main Pressure Regulator Valve Only

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	7	7	14	28
11	Washer, Flat, 7/16 inch	9422848	7	7	14	28

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GROUP 27-J

Main Pressure Regulator Valve/Oil Filter, Figure 27B
Remote Mount Oil Filter

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–9	Not Used In This Group.					
10	Bolt, Hexlock, 7/16-14 x 3 1/2 inch	9409045	7	7	14	28
11	Washer, Flat, 7/16 inch	9422848	7	7	14	28
14	Plug Assembly, Pressure Tap, 7/16-20	29500034	1	1	2	4
24	Filter Assembly, Oil	29542419	1	1	1	2
25	Switch, Pressure Differential, 35 psi	29529657	1	1	2	4
26	O-ring, 4.734 inch ID	23018958	1	1	2	4
27	Element, Oil Filter	29510912	1	1	2	4
28	Bowl, Filter	29510911	1	1	2	4
29	Plug Assembly, Shipping, 1 5/8-12	29519129	2	2	2	4

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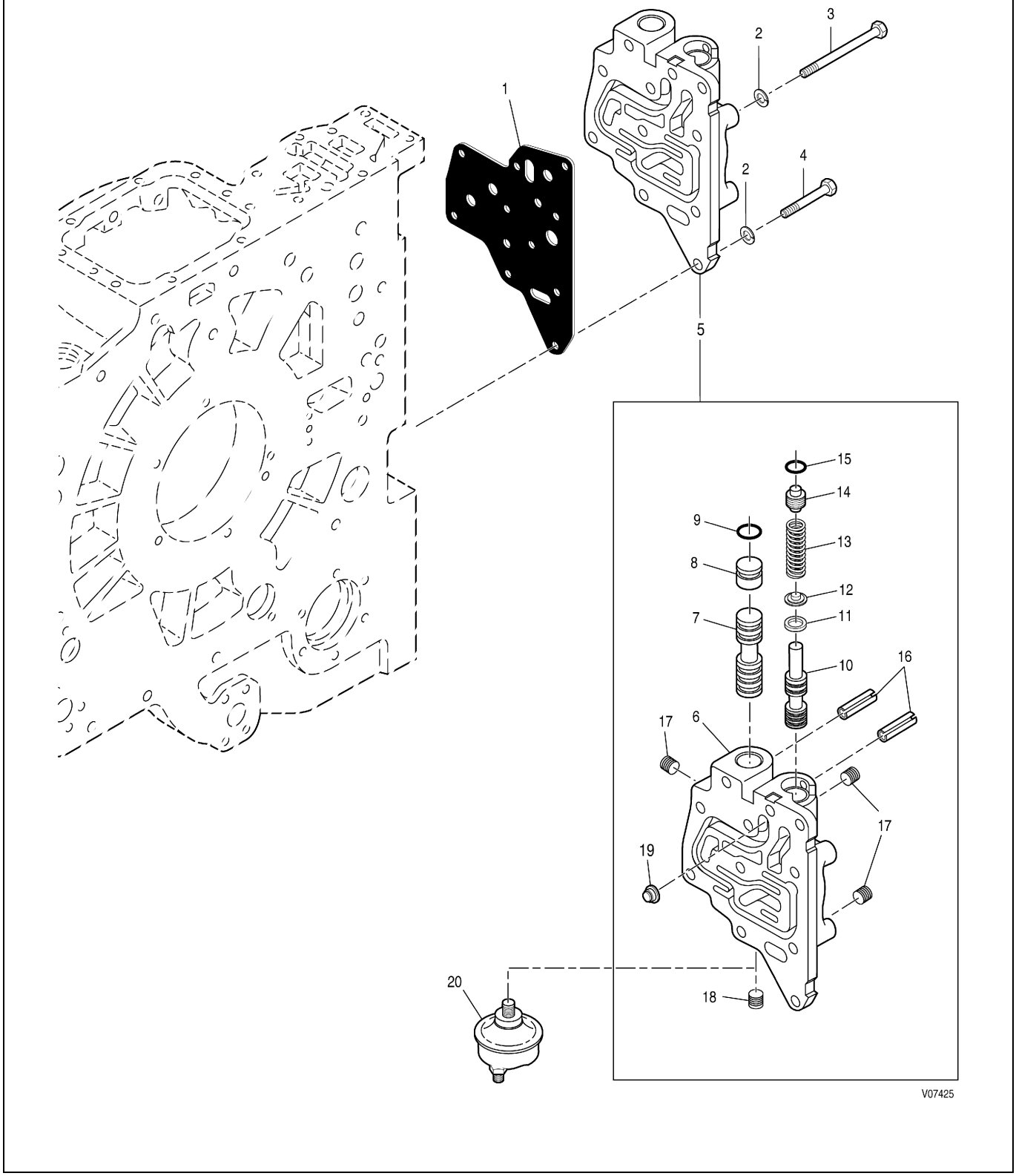


Figure 28A. Lockup Control Valve *(Hydraulic)*

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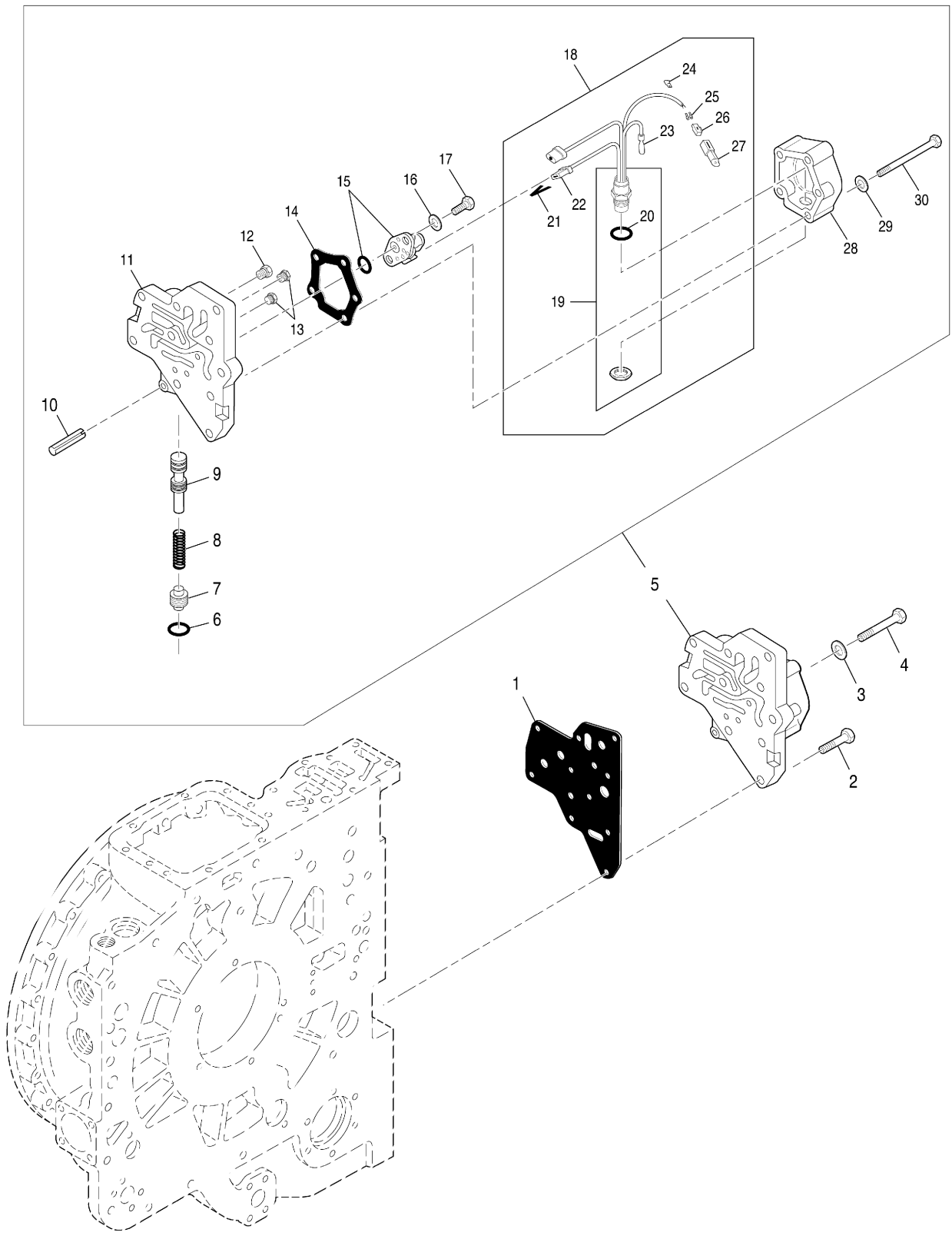


Figure 28B. Lockup Control Valve *(CEC)*

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NOTES

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GROUP 28-A

Lockup Control Valve, Figure 28A
Hydraulic 1570 rpm Lockup Out

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Lockup Control Valve Body	6880860	1	1	2	4
2	Lockwasher, 3/8 inch	103321	9	9	18	36
3	Bolt, 3/8-16 x 2 3/4 inch	179850	7	7	14	28
4	Bolt, 3/8-16 x 1 1/4 inch	179841	2	2	4	8
5	Body Assembly, Lockup Control Valve	29528618	1	1	1	2
6	Body, Lockup Control Valve	29528534	1	1	1	1
7	Valve, Lockup Cutoff	6771929	1	1	1	2
8	Plug, Lockup Cutoff Valve	6759373	1	1	1	2
9	O-ring, 1.036 inch ID	6764333	1	1	2	4
10	Valve, Lockup Control	6770023	1	1	1	2
11	Shim, 0.025 inch	6772137	AR	2	4	8
12	Not Used In This Group.					
13	Spring, Lockup Control Valve, 0.530 ID x 2.650 inch	6769252	1	1	2	4
14	Plug, Lockup Control Valve	6758543	1	1	1	2
15	O-ring, 0.729 inch ID	6771005	1	1	2	4
16	Pin, Spring, 5/16 x 2 inch	273921	2	2	4	8
17	Plug, Hex Socket Pipe, 1/8-27. Used Prior To 29528534 And 29528620 Bodies.	23014911	3	3	6	12
17	Plug Assembly, 3/8-24. Used Starting With 29528534 And 29528620 Bodies. See SIL 20-TR-96.	29525044	3	3	6	12
18	Not Used In This Group.					
19	Valve Assembly, Check	29536843	1	1	2	4
20	Switch, Pressure	29544508	1	1	2	4

GROUP 28-B

Lockup Control Valve, Figure 28A
Hydraulic 1200 rpm Lockup Out

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	23045501 **	1			
13	Spring, Lockup Control Valve, 0.530 ID x 2.840 inch	23045499	1	1	2	4

GROUP 28-C

Lockup Control Valve, Figure 28A
Hydraulic 1420 rpm Lockup Out

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	23015049 **	1			
13	Spring, Lockup Control Valve, 0.530 ID x 2.560 inch	6775812	1	1	2	4

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GROUP 28-D

Lockup Control Valve, Figure 28A
Hydraulic 1650 rpm Lockup Out

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	6771322 **	1			
13	Spring, Lockup Control Valve, 0.690 OD x 2.838 inch. Service 6758475 Lockup Control Valve Spring With 6769252 Spring And 6772137 Shims, As Required.	6758475 ***	1			
18	Plug, Hex Socket Pipe, 1/8-27	23014911	1	1	2	4
20	Not Used In This Group.					

GROUP 28-E

Lockup Control Valve, Figure 28A
Hydraulic 1850 rpm Lockup Out

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	6772032 **	1			
12	Washer, Lockup Control Valve Spring	6769406	1	1	2	4
13	Spring, Lockup Control Valve, 7/8 OD x 2.990 inch	6769407	1	1	2	4
18	Plug, Hex Socket Pipe, 1/8-27	23014911	1	1	2	4
20	Not Used In This Group.					

GROUP 28-F

Lockup Control Valve, Figure 28A
No Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	6777793 **	1			
11–12	Not Used In This Group.					
13	Spring, Lockup Control Valve, 0.794 OD x 2.810 inch	6758597 ***	1			
18	Plug, Hex Socket Pipe, 1/8-27	23014911	1	1	2	4
20	Not Used In This Group.					

GROUP 28-G

Lockup Control Valve, Figure 28A
Hydraulic 1570 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	29528619 ***	1			
6	Body, Lockup Control Valve	29528620 ***	1			

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GROUP 28-H

Lockup Control Valve, Figure 28A

Hydraulic 1250 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	23045349 **	1			
6	Body, Lockup Control Valve	29528620	1	1	1	1
13	Spring, Lockup Control Valve, 0.680 OD x 2.900 inch	23045210	1	1	2	4

GROUP 28-J

Lockup Control Valve, Figure 28A

Hydraulic 1650 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	6771238 **	1			
6	Body, Lockup Control Valve	29528620	1	1	1	1
13	Spring, Lockup Control Valve, 0.690 OD x 2.838 inch. Service 6758475 Lockup Control Valve Spring With 6769252 Spring And 6772137 Shims, As Required.	6758475 ***	1			
18	Plug, Hex Socket Pipe, 1/8-27	23014911	1	1	2	4
20	Not Used In This Group.					

GROUP 28-K

Lockup Control Valve, Figure 28A

Hydraulic 1750 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	23017052 **	1			
6	Body, Lockup Control Valve	29528620	1	1	1	1
13	Spring, Lockup Control Valve, 0.690 OD x 2.838 inch. Service 6758475 Lockup Control Valve Spring With 6769252 Spring And 6772137 Shims, As Required.	6758475 ***	1			

GROUP 28-L

Lockup Control Valve, Figure 28A

Hydraulic 1850 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	23015048 **	1			
6	Body, Lockup Clutch	29528620	1	1	1	1

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GROUP 28-L *(cont'd)*

Lockup Control Valve, Figure 28A

Hydraulic 1850 rpm Lockup Out, No First And Reverse Lockup

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
12	Washer, Lockup Control Valve Spring	6769406	1	1	1	2
13	Spring, Lockup Control Valve, 7/8 OD x 2.990 inch	6769407	1	1	2	4
18	Plug, Hex Socket Pipe, 1/8-27	23014911	1	1	2	4
20	Not Used In This Group.					

GROUP 28-M

Lockup Control Valve, Figure 28B

12V CEC1

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Lockup Control Valve Body	6880860	1	1	2	4
2	Bolt, Hexlock, 3/8-16 x 1 1/2 inch	9409231	5	5	10	20
3	Washer, Flat, 3/8 inch	9422847	3	3	6	12
4	Bolt, Hexlock, 3/8-16 x 3 inch	9409226	4	4	8	16
5	Body Assembly, Lockup Control Valve	29527367	1	1	1	2
6	O-ring, 0.729 inch ID	6771005	1	1	2	4
7	Plug, Lockup Control Valve	6758543	1	1	1	2
8	Spring, Lockup Control Valve, 0.560 ID x 2.930 inch	6838520	1	1	2	4
9	Valve, Lockup Control	6770023	1	1	1	2
10	Pin, Spring, 5/16 x 2 inch	273921	1	1	2	4
11	Body, Lockup Control Valve	29527366	1	1	1	1
12	Plug Assembly, Pressure Tap, 7/16-20. Used Starting With 29509561 Body.	29500034	1	1	2	4
13	Plug, Pipe, 1/8-27. Used Prior To 29527366 Body.	23012036	2	2	4	8
13	Plug Assembly, 3/8-24. Used Starting With 29527366 Body. See SIL 20-TR-96.	29525044	2	2	4	8
14	Gasket, Solenoid Cover	23045876	1	1	2	4
15	Solenoid, 12V	23019734	1	1	2	4
16	Washer, Flat, 1/4 inch	103339	2	2	4	8
17	Bolt, 1/4-20 x 1 inch	186647	2	2	4	8
18	Wiring Harness Assembly	23045794	1	1	1	2
19	Connector, Receptacle, 4-Way	23046474	1	1	2	4
20	O-ring, 0.676 inch ID	23016455	1	1	2	4
21	Terminal, Socket	12052410	2	2	4	8
22	Connector, 2-Way	12059716	1	1	2	4
23	Sensor, Temperature	23016824	1	1	2	4
24–27	Not Used In This Group.					
28	Cover Assembly, Solenoid	23045878	1	1	1	2
29	Washer, Flat, 1/4 inch	103339	2	2	4	8
30	Bolt, 1/4-20 x 1 1/2 inch	454815	2	2	4	8

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GROUP 28-N

Lockup Control Valve, Figure 28B
24V CEC1

Same As Group M, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	29528533	1	1	1	2
15	Solenoid, 24V	23042986	1	1	2	4

GROUP 28-P

Lockup Control Valve, Figure 28B
12V CEC2

Same As Group M, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	29536480	1	1	1	2
18	Wiring Harness Assembly	29536509	1	1	1	2
23	Not Used In This Group.					
24	Lock, Secondary	12047664	1	1	2	4
25	Terminal, Socket	12047767	AR	2	4	8
26	Connector, 2-Way	12047662	1	1	2	4
27	Sensor, Temperature	12129691	1	1	2	4

GROUP 28-Q

Lockup Control Valve, Figure 28B
Lockup Disabled

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Lockup Control Valve Body	6880860	1	1	2	4
2	Bolt, Hexlock, 3/8-16 x 1 1/2 inch	9409231	8	8	16	32
3	Not Used In This Group.					
4	Bolt, Hexlock, 3/8-16 x 3 inch	9409226	1	1	2	4
5–10	Not Used In This Group.					
11	Plate, Lockup Disabled	29537506	1	1	1	2
12–30	Not Used In This Group.					

GROUP 28-R

Lockup Control Valve, Figure 28B
24V Manual Electric, Two-Wire, SS

Same As Group M, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	29544252	1	1	1	2
15	Solenoid, 24V	23042986	1	1	2	4

(continued on next page)

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GROUP 28-R *(cont'd)*

Lockup Control Valve, Figure 28B
24V Manual Electric, Two-Wire, SS

Same As Group M, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
18	Wiring Harness Assembly	29544251	1	1	1	2
19	Connector, Receptacle, 4-Way	29544263	1	1	2	4

GROUP 28-S

Lockup Control Valve, Figure 28B
12V CEC2, SS

Same As Group M, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Body Assembly, Lockup Control Valve	29547670	1	1	1	2
12	Plug Assembly, Pressure Tap, 7/16-20	29500034	1	1	2	4
13	Plug Assembly, 3/8-24	29525044	2	2	4	8
18	Wiring Harness Assembly	29547669	1	1	1	2
19	Connector, Receptacle, 4-Way	29544263	1	1	2	4
23	Sensor, Temperature	12129691	1	1	2	4

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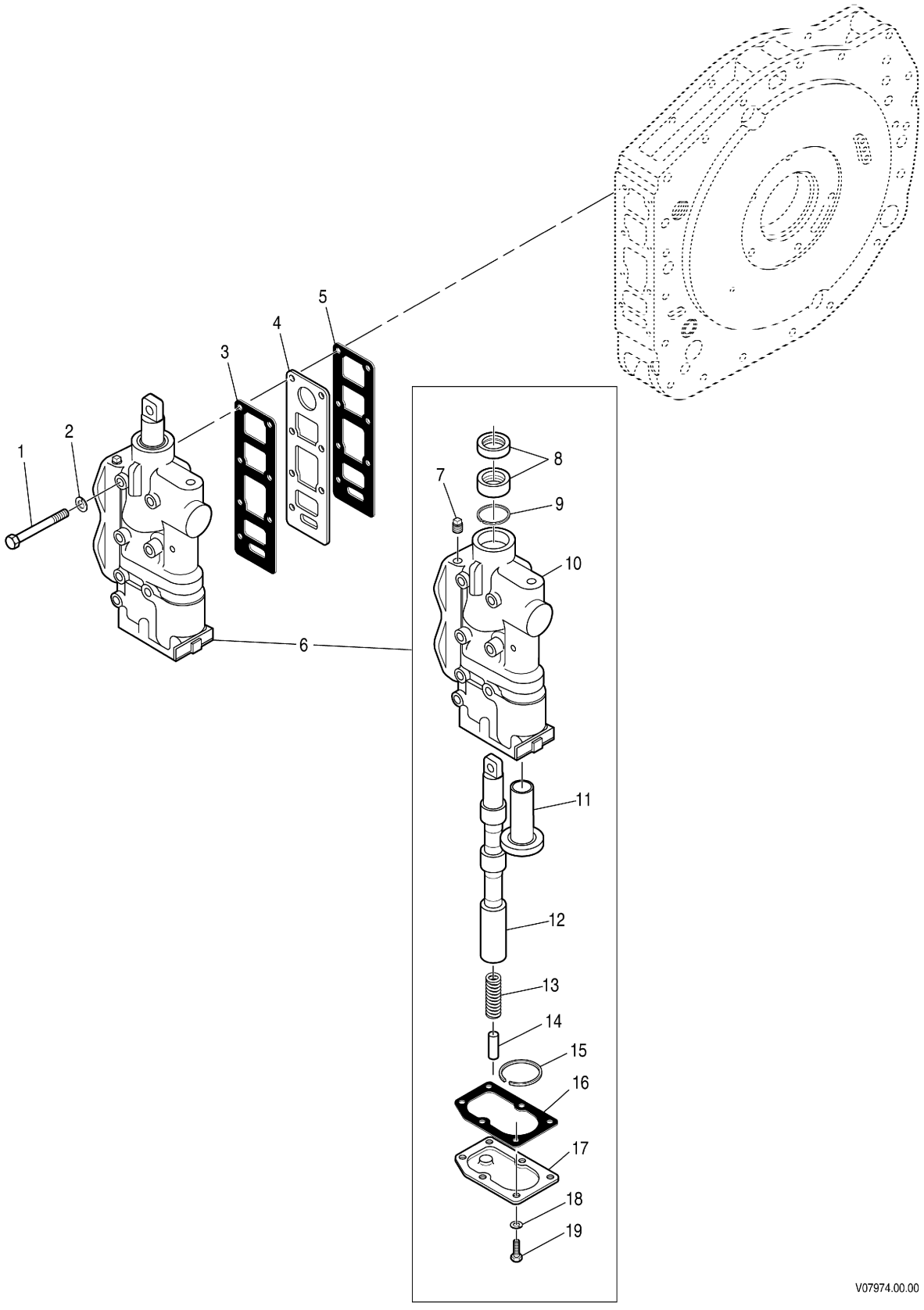


Figure 29A. Retarder Control Valve

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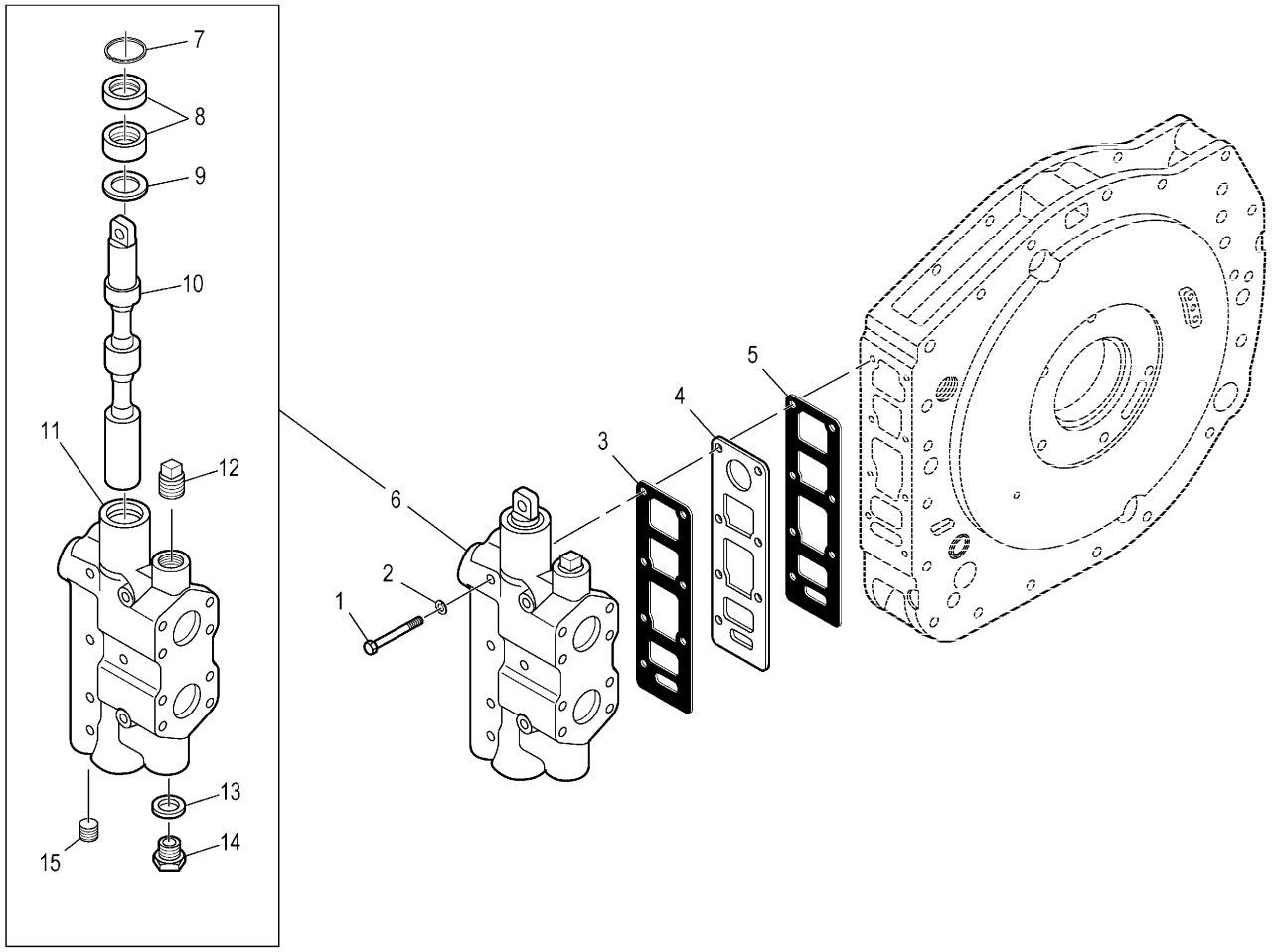


Figure 29B. Retarder Control Valve

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GROUP 29-A

Retarder Control Valve, Figure 29A

NOTE: See SIL 22-TR-04 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 3/8-16 x 4 1/4 inch	433114	7	7	14	28
2	Lockwasher, 3/8 inch	9415545	7	7	14	28
3	Gasket, Restriction Plate	6758381	1	1	2	4
4	Plate, Restriction	6880476	1	1	1	2
5	Gasket, Retarder Control Valve Body	6758381	1	1	2	4
6	Body Assembly, Retarder Control Valve	29543252	1	1	1	2
7	Plug, Square Head Pipe, 1/2-14. Used Prior To 29525030 Body. Service 23012037 Plug With 23012038 Square Socket Pipe Plug.	23012037 ***	1			
7	Plug Assembly, 3/4-16. Used Starting With 29525030 Body. See SIL 20-TR-96.	29542780	1	1	2	4
8	Seal Kit, Valve. Kit Contains 6772608 Wiper-Scraper, 2.004 inch OD, And 6832559 Oil Seal Assembly, 2.005 inch OD.	6833409	1	1	2	4
9	Ring, Retaining, Internal, 1.826 inch OD	6758523	1	1	2	4
10	Body, Retarder Control Valve	29525030	1	1	1	1
11	Sleeve Assembly, Exhaust Oil Transfer	6885031	1	1	1	2
12	Valve, Retarder Control	23018483	1	1	1	2
13	Spring, Retarder Control Valve, 1.060 OD x 7 inch	6770860	1	1	2	4
14	Not Used In This Group.					
15	Ring, Retaining, Internal, 2.792 inch OD	9425158	1	1	2	4
16	Gasket, Retarder Control Valve Cover	6758380	1	1	2	4
17	Cover, Retarder Control Valve. Used Prior To 29543252 Retarder Control Valve Body Assembly.	6758375	1	1	1	2
17	Cover, Retarder Control Valve. Used Starting With 29543252 Retarder Control Valve Body Assembly.	29543251	1	1	1	2
18	Lockwasher, 3/8 inch	9415545	6	6	12	24
19	Bolt, 3/8-16 x 1 inch	179839	6	6	12	24

GROUP 29-B

Retarder Control Valve, Figure 29A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6	Body Assembly, Retarder Control Valve	29543253 **	1			
14	Stop, Retarder Control Valve	23018484	1	1	1	2

GROUP 29-C

Retarder Control Valve, Figure 29A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Plate, Restriction	29503151 ***	1			

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GROUP 29-D

Retarder Control Valve, Figure 29B
Slim Jim Retarder

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Bolt, 3/8-16 x 3 inch	179851		7	7	14	28
2	Lockwasher, 3/8 inch	103321		7	7	14	28
3	Gasket, Restriction Plate	6758381		1	1	2	4
4	Plate, Restriction	6880476		1	1	1	2
5	Gasket, Retarder Control Valve Body	6758381		1	1	2	4
6	Body Assembly, Retarder Control Valve	29525034	**	1			
7	Ring, Retaining, Internal, 2.173 inch OD	6768574	***	1			
8	Seal Kit, Valve. Kit Contains 6772608 Wiper-Scraper, 2.004 inch OD, And 6832559 Oil Seal Assembly, 2.005 inch OD.	6833409		1	1	2	4
9	Stop, Retarder Control Valve	6768501	***	1			
10	Valve, Retarder Control	6768550	***	1			
11	Body, Retarder Control Valve	29525033	***	1			
12	Plug, Square Head Pipe, 1/2-14. Used Prior To 29525033 Body. Service 23012037 Plug With 23012038 Square Socket Pipe Plug.	23012037	***	1			
12	Plug Assembly, 3/4-16. Used Starting With 29525033 Body. See SIL 20-TR-96.	29542780		1	1	2	4
13	Gasket, Annular Copper, 1.415 ID x 2 inch OD	105458		1	1	2	4
14	Plug, 13/8-12	6758461		1	1	2	4
15	Plug, Square Socket Pipe, 1/2-14. Used Prior To 29525033 Body.	23012038		1	1	2	4
15	Plug Assembly, 3/4-16. Used Starting With 29525033 Body. See SIL 20-TR-96.	29542780		1	1	2	4

GROUP 29-E

Retarder Control Valve, Figure 29A

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
6–19	Not Used In This Group.					

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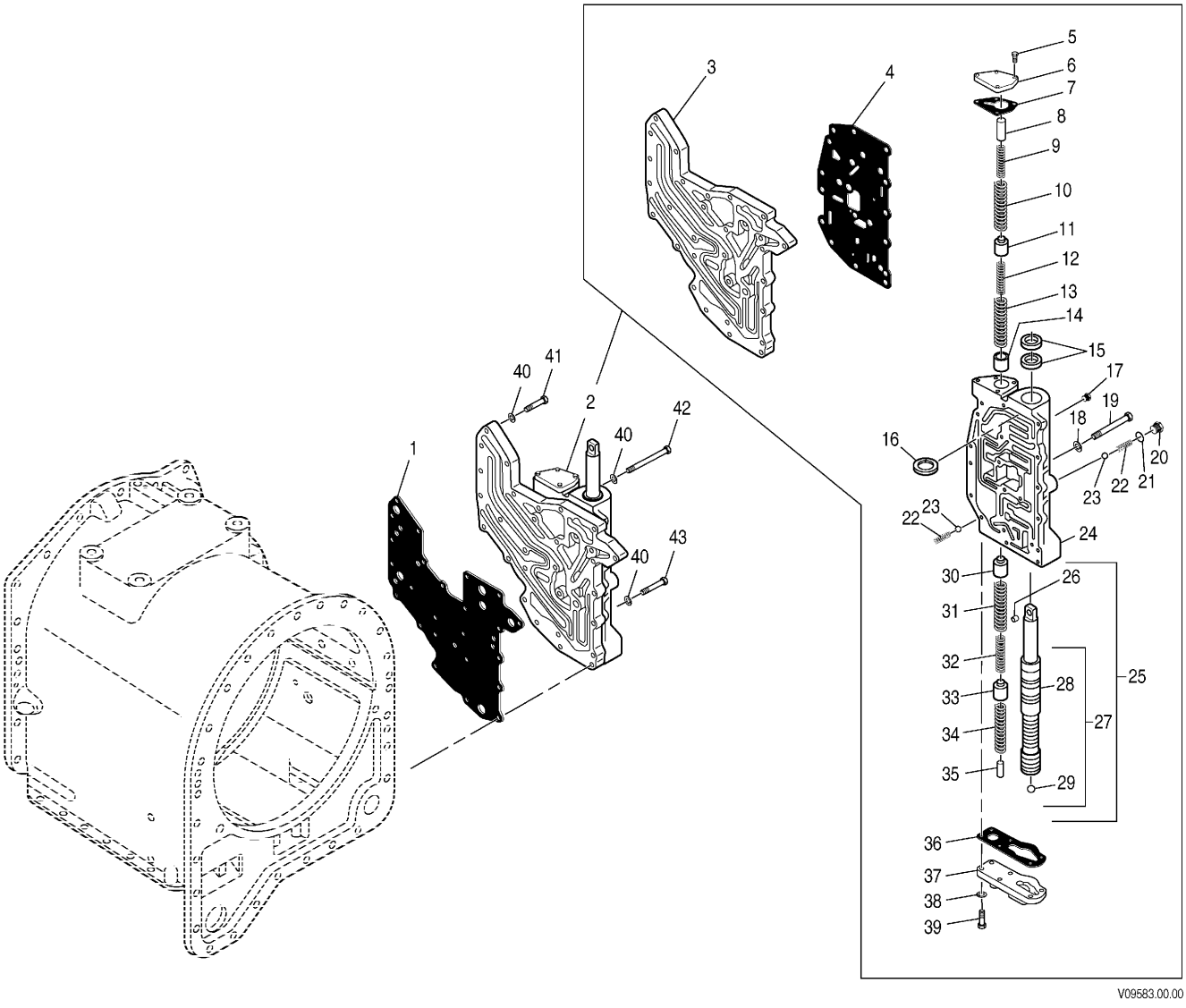


Figure 30A. Main Control Valve *(Manual Hydraulic)*

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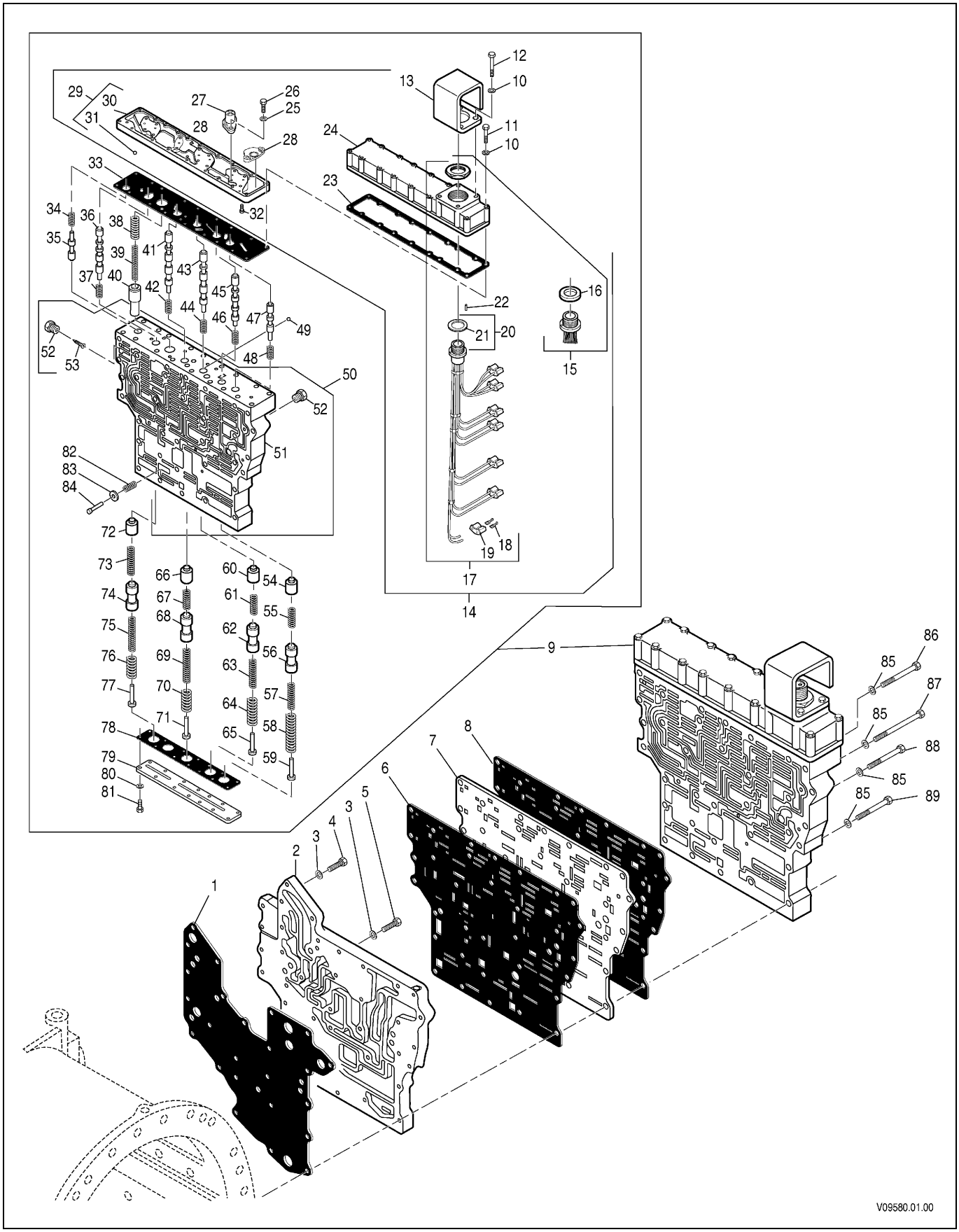


Figure 30B. Main Control Valve *(Electric/CEC)*

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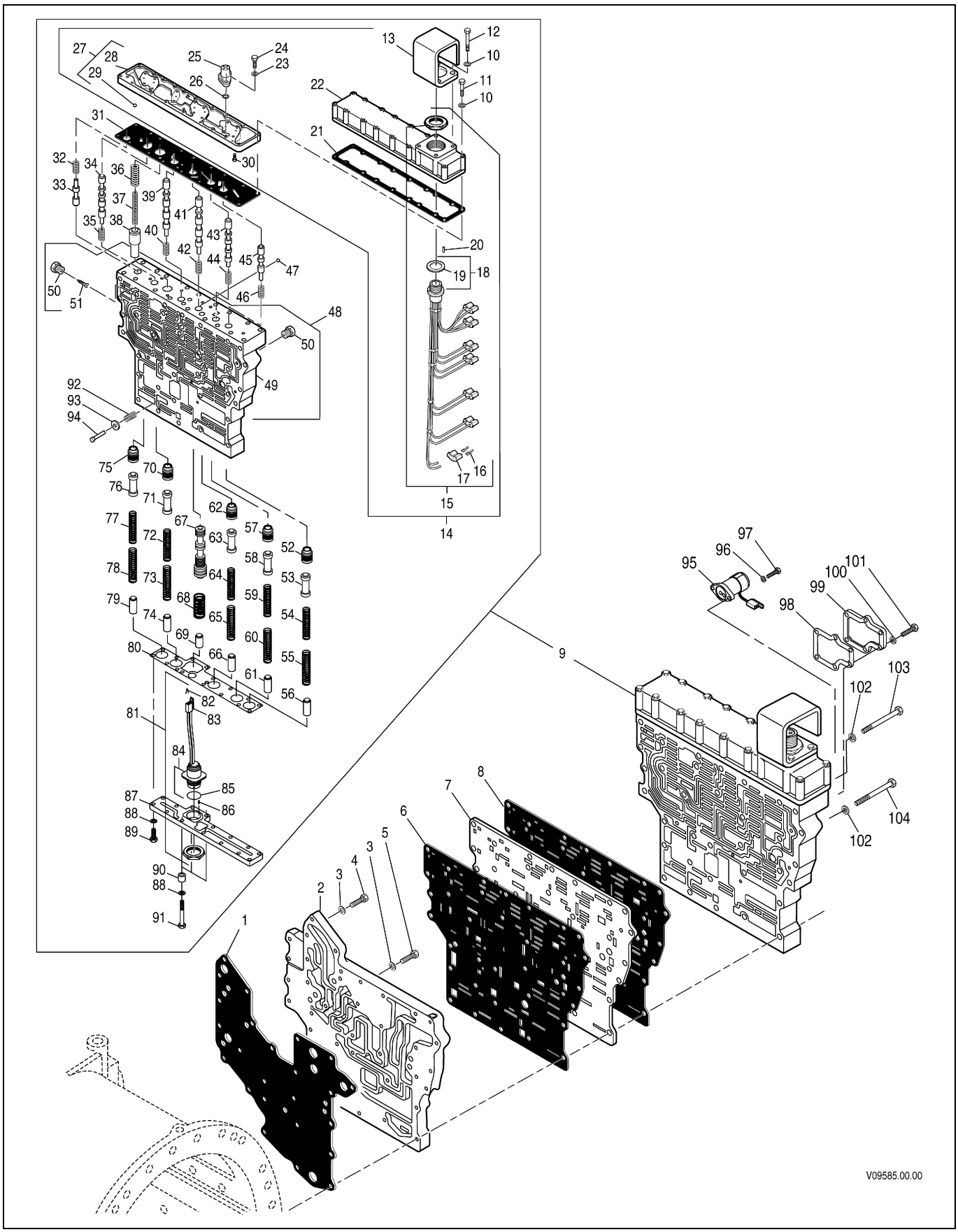


Figure 30C. Main Control Valve *(CEC)*

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NOTES

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GROUP 30-A

Main Control Valve, Figure 30A
Manual Hydraulic Control

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Transfer Plate. See SIL 09-TR-11.	29547616	1	1	2	4
2	Valve Assembly, Main Control	6776682	1	1	1	1
3	Plate, Oil Transfer	6776681	1	1	1	2
4	Gasket, Control Valve Body	6773193	1	1	2	4
5	Screw Assembly, Spring Lock, 5/16-18 x 7/8 inch	23016147	4	4	8	16
6	Cover, Trimmer Valve	6776675	1	1	1	2
7	Gasket, Trimmer Valve Cover	6759270	1	1	2	4
8	Stop, Intermediate-Range Trimmer Valve	6770530	1	1	1	2
9	Spring, Inner, Intermediate-Range Trimmer Overlap Valve, 0.730 OD x 2.971 inch	6776677	1	1	2	4
10	Spring, Outer, Intermediate-Range Trimmer Overlap Valve, 1.060 OD x 3.290 inch	6776676	1	1	2	4
11	Valve, Overlap, Intermediate-Range Trimmer	6773192	1	1	1	2
12	Spring, Inner, Intermediate-Range Trimmer Valve, 0.667 OD x 3.260 inch	6769825	1	1	2	4
13	Spring, Outer, Intermediate-Range Trimmer Valve, 0.850 OD x 4.500 inch	6759964	1	1	2	4
14	Valve, Intermediate-Range Trimmer, 0.069-0.071 inch Orifice	6776678	1	1	1	2
15	Seal Kit, Valve. Kit Contains 23045006 Wiper-Scraper, 1.504 inch OD, And 23045096 Oil Seal Assembly, 1.503 inch OD.	6773331	1	1	2	4
16	Stop, Manual Selector Valve	6773188	1	1	1	2
17	Plug, Pipe, 1/8-27. Used Prior To 1966	23012036	2	2	4	8
18	Lockwasher, 3/8 inch	103321	4	4	8	16
19	Bolt, 3/8-16 x 2 3/4 inch	179850	4	4	8	16
20	Cap, Detent Spring, 7/8-14	6774155	1	1	2	4
21	Gasket, Annular Copper, 0.885 ID x 1.115 inch OD	6772740	1	1	2	4
22	Spring, Detent, 0.450 OD x 1.099 inch	6774328	2	2	4	8
23	Ball, Detent, 1/2 inch	145657	2	2	4	8
24	Body, Main Control Valve	6773159	1	1	1	2
25	Valve Assembly, Manual Selector	6774326	1	1	1	2
26	Bushing, Manual Selector Valve	6769402	1	1	2	4
27	Valve Assembly, Manual Selector	6774320 *	1			
28	Valve, Manual Selector	6773207 *	1			
29	Ball, 9/16 inch	453580 *	1			
30	Valve, Neutral-To-Range Trimmer, 0.040-0.042 inch Orifice	6776679	1	1	1	2
31	Spring, Outer, Neutral-To-Range Trimmer Valve, 0.850 OD x 4 1/2 inch	6759964	1	1	2	4
32	Spring, Inner, Neutral-To-Range Trimmer Valve, 0.667 OD x 3.260 inch	6769825	1	1	2	4
33	Valve, Overlap, Neutral-To-Range Trimmer	6773192	1	1	1	2
34	Spring, Neutral-To-Range Trimmer Overlap Valve, 1.060 OD x 3.710 inch	6772652	1	1	2	4
35	Stop, Neutral-To-Range Trimmer Valve	6759968	1	1	1	2
36	Gasket, Trimmer Valve And Selector Valve Cover	6773189	1	1	2	4
37	Cover, Trimmer Valve And Selector Valve	6773187	1	1	1	2

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GROUP 30-A *(cont'd)*

Main Control Valve, Figure 30A
Manual Hydraulic Control

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
38	Lockwasher, 3/8 inch	103321	6	6	12	24
39	Bolt, 3/8-16 x 1 1/4 inch	179841	6	6	12	24
40	Lockwasher, 3/8 inch	103321	24	24	48	96
41	Bolt, 3/8-16 x 1 1/2 inch	179843	10	10	20	40
42	Bolt, 3/8-16 x 3 1/2 inch	186283	6	6	12	24
43	Bolt, 3/8-16 x 2 inch	179847	8	8	16	32

GROUP 30-B

Main Control Valve, Figure 30B
24V Electric Control, Lock-In-Range

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Transfer Plate. See SIL 09-TR-11.	29547616	1	1	2	4
2	Plate, Oil Transfer	6835409	1	1	1	2
3	Washer, Flat, 0.406 inch	6830003	5	5	10	20
4	Bolt, Patchlock, 3/8-16 x 1 1/4 inch	23018739	3	3	6	12
5	Bolt, Hexlock, 3/8-16 x 1 1/4 inch	9409030	2	2	4	8
6	Gasket, Separator Plate-To-Oil Transfer Plate. See SIL 01-TR-91 And SIL 09-TR-11.	29546336	1	1	2	4
7	Plate, Separator. See SIL 01-TR-91.	23048056	1	1	1	2
8	Gasket, Separator Plate-to-Control Valve Body. See SIL 01-TR-91 And SIL 09-TR-11.	29546337	1	1	2	4
9	Valve Assembly, Main Control	29541403	1	1	1	1
10	Washer, Flat, 1/4 inch	103339	18	18	36	72
11	Bolt, 1/4-20 x 3 5/8 inch	29544493	14	14	28	56
12	Bolt, 1/4-20 x 4 1/4 inch	9418116	4	4	8	16
13	Guard, Harness	23045747	1	1	1	2
14	Cover And Plate Assembly, Solenoid	23012904	1	1	1	2
15	Wiring Harness Assembly	6832705	1	1	1	2
16	Washer, Connector, 1 3/8 inch ID	6833167	1	1	2	4
17–22	Not Used In This Group.					
23	Gasket, Solenoid Cover	6779833	1	1	2	4
24	Cover, Solenoid	6832813	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	14	14	28	56
26	Bolt, 1/4-20 x 3/4 inch	443603	14	14	28	56
27	Solenoid Kit. Kit Contains 23013931 24V Solenoid And 23012017 Cable Tie.	23014422	7	7	7	14
28	Not Used In This Group					
29	Plate Assembly, Solenoid Mounting	6880179	1	1	1	2
30	Plate, Solenoid Mounting	23017435 *	1			
31	Plug, 0.037 inch Orifice	6833281	5	5	10	20

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GROUP 30-B *(cont'd)*

Main Control Valve, Figure 30B
24V Electric Control, Lock-In-Range

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
32	Screw, Hex Socket Machine, No. 10-24 x 1 inch	29524652	2	2	4	8
33	Gasket, Solenoid Mounting Plate	6880178	1	1	2	4
34	Spring, Solenoid Pressure Regulator Valve, 0.300 ID x 1.550 inch	6880795	1	1	2	4
35	Valve, Solenoid Pressure Regulator	6835405	1	1	1	2
36	Valve, Splitter Shift	6880381	1	1	1	2
37	Spring, Splitter Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
38	Spring, Outer, Priority Valve, 0.830 OD x 1.780 inch	6833223	1	1	2	4
39	Spring, Inner, Priority Valve, 0.565 OD x 4.940 inch	6830243	1	1	2	4
40	Valve, Priority	6779840	1	1	1	2
41	Valve, High-Range Shift	6880172	1	1	1	2
42	Spring, High-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
43	Valve, Intermediate-Range Shift	6880172	1	1	1	2
44	Spring, Intermediate-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
45	Valve, Low-Range Shift	6880174	1	1	1	2
46	Spring, Low-Range Shift Valve, 0.700 inch OD x 1.830 inch	6832304	1	1	2	4
47	Valve, Reverse-Range Shift	6779837	1	1	1	2
48	Spring, Reverse-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
49	Ball, Check, 5/16 inch	6880187	2	2	4	8
50	Body Assembly, Main Control Valve	29528622	1	1	1	2
51	Body, Main Control Valve	29528621 *	1			
52	Plug, Pipe, 1/8-27. Used Prior To 29528621 Body.	23012036	7	7	14	28
52	Plug Assembly, 3/8-24. Used Starting With 29528621 Body. See SIL 20-TR-96.	29525044	7	7	14	28
53	Screen Assembly, Solenoid Valve	6835614	1	1	2	4
54	Valve, Reverse-Range Trimmer, 0.045-0.048 inch Orifice	6882221	1	1	1	2
55	Spring, Reverse-Range Trimmer Valve, 0.850 inch OD x 4 1/2 inch	6759964	1	1	2	4
56	Valve, Overlap, Reverse-Range Trimmer	6882222	1		1	2
57	Spring, Inner, Reverse-Range Trimmer Overlap Valve, 0.730 inch OD x 2.971 inch	6776677	1	1	2	4
58	Spring, Outer, Reverse-Range Trimmer Overlap Valve, 1.060 inch OD x 2.065 inch	6830237	1	1	2	4
59	Stop, Reverse-Range Trimmer Valve	29541382	1	1	1	2
60	Valve, Low-Range Trimmer, 0.050-0.053 inch Orifice	6759958	1	1	1	2
61	Spring, Low-Range Trimmer Valve, 0.850 inch OD x 4 1/2 inch	6759964	1	1	2	4
62	Valve, Overlap, Low-Range Trimmer	6882222	1	1	1	2
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.769 inch OD x 3.775 inch	6830240	1	1	2	4
64	Spring, Outer, Low-Range Trimmer Overlap Valve, 1.060 inch OD x 1.600 inch	6830014	1	1	2	4

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GROUP 30-B *(cont'd)*

Main Control Valve, Figure 30B
24V Electric Control, Lock-In-Range

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
65	Stop, Low-Range Trimmer Valve	29541382	1	1	1	2
66	Valve, Intermediate-Range Trimmer, 0.050-0.053 inch Orifice	6759958	1	1	1	2
67	Spring, Intermediate-Range Trimmer Valve, 0.850 OD x 4 1/2 inch	6759964	1	1	2	4
68	Valve, Overlap, Intermediate-Range Trimmer	6882222	1	1	1	2
69	Spring, Inner, Intermediate-Range Trimmer Overlap Valve, 0.769 OD x 3.775 inch	6830240	1	1	2	4
70	Spring, Outer, Intermediate-Range Trimmer Overlap Valve, 1.060 OD x 1.600 inch	6830014	1	1	2	4
71	Stop, Intermediate-Range Trimmer Valve	29541382	1	1	1	2
72	Valve, Splitter Trimmer, 0.045-0.048 inch Orifice	6882221	1	1	1	2
73	Spring, Splitter Trimmer Valve, 0.850 OD x 4 1/2 inch	6759964	1	1	2	4
74	Valve, Overlap, Splitter Trimmer	6882222	1	1	1	2
75	Spring, Inner, Splitter Trimmer Overlap Valve, 3/4 OD x 3.775 inch	6778009	1	1	2	4
76	Spring, Outer, Splitter Trimmer Overlap Valve, 1.060 OD x 1.600 inch	6830014	1	1	2	4
77	Stop, Splitter Trimmer Valve	29541382	1	1	1	2
78	Gasket, Trimmer Valve Cover	29541384	1	1	2	4
79	Cover, Trimmer Valve. Use Only With 186647 Bolts.	6836226	1	1	1	2
79	Cover, Trimmer Valve. Use Only With 454815 Bolts.	29541385	1	1	1	2
80	Washer, Flat, 1/4 inch	103339	14	14	28	56
81	Bolt, 1/4-20 x 1 inch. Use Only With 6836226 Trimmer Valve Cover.	186647	14	14	28	56
81	Bolt, 1/4-20 x 1 1/2 inch. Used Only With 29541385 Trimmer Valve Cover.	454815	14	14	28	56
82	Spring, Exhaust Regulator Valve, 0.290 ID x 1 1/4 inch	6834536	1	1	2	4
83	Valve, Exhaust Regulator	6756164	1	1	1	2
84	Pin, Guide, Exhaust Regulator Valve	6756146	1	1	2	4
85	Washer, Flat Copper, 3/8 inch	9415545	34	34	68	136
86	Bolt, 3/8-16 x 4 1/4 inch	433114	12	12	24	48
87	Bolt, 3/8-16 x 5 inch	9418964	2	2	4	8
88	Bolt, 3/8-16 x 3 3/4 inch	186284	9	9	18	36
89	Bolt, 3/8-16 x 3 inch	179851	11	11	22	44

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GROUP 30-C

Main Control Valve, Figure 30B
12V Electric Control, Lock-In-Range

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
9	Valve Assembly, Main Control	29541401	1	1	1	1
14	Cover And Plate Assembly, Solenoid	23015776	1	1	1	2
27	Solenoid Kit. Kit Contains 23013930 Negative Ground 12V Solenoid And 23012017 Cable Tie.	23014411	7	7	7	14
27	Solenoid Kit. Kit Contains 23014951 Positive Ground 12V Solenoid And 23012017 Cable Tie. See SIL 22-TR-82.	23015011	7	7	7	14

GROUP 30-D

Main Control Valve, Figure 30B
24V Electric Control, Lock-In-Range, No First And Reverse Lockup

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator. See SIL 33-TR-80.	23011252	1	1	1	2

GROUP 30-E

Main Control Valve, Figure 30B
12V Electric Control, Lock-In-Range, No First And Reverse Lockup

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator. See SIL 33-TR-80.	23011252	1	1	1	2
9	Valve Assembly, Main Control	29528648	1	1	1	1
14	Cover And Plate Assembly, Solenoid	23015776	1	1	1	2
27	Solenoid Kit. Kit Contains 23013930 Negative Ground 12V Solenoid And 23012017 Cable Tie.	23014411	7	7	7	14
27	Solenoid Kit. Kit Contains 23014951 Positive Ground 12V Solenoid And 23012017 Cable Tie. See SIL 22-TR-82.	23015011	7	7	7	14

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GROUP 30-F

Main Control Valve, Figure 30B
24V Electric Control, Lock-To-Neutral

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	6839631	1	1	1	2
9	Valve Assembly, Main Control	29541404	1	1	1	1
14	Cover And Plate Assembly, Solenoid	23014209	1	1	1	2
15	Wiring Harness Assembly	6837880	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	10	20	40
26	Bolt, 1/4-20 x 3/4 inch	443603	10	10	20	40
27	Solenoid Kit. Kit Contains 23013931 24V Solenoid And 23012017 Cable Tie.	23014422	5	5	5	10

GROUP 30-G

Main Control Valve, Figure 30B
12V Electric Control, Lock-To-Neutral

NOTE: See SIL 01-TR-82 And SIL 63-TR-83 And SIL 16-TR-86 For Important Service Information

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	6839631	1	1	1	2
9	Valve Assembly, Main Control	29541402	1	1	1	1
14	Cover And Plate Assembly, Solenoid	23012898	1	1	1	2
15	Wiring Harness Assembly	6837880	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	10	20	40
26	Bolt, 1/4-20 x 3/4 inch	443603	10	10	20	40
27	Solenoid Kit. Kit Contains 23013930 Negative Ground 12V Solenoid And 23012017 Cable Tie.	23014411	5	5	5	10
27	Solenoid Kit. Kit Contains 23014951 Positive Ground 12V Solenoid And 23012017 Cable Tie. See SIL 22-TR-82.	23015011	5	5	5	10

GROUP 30-H

Main Control Valve, Figure 30B
12V CEC1, Lock-In-Range

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	23011252	1	1	1	2
9	Valve Assembly, Main Control	29541405	1	1	1	1
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16
14	Cover And Plate Assembly, Solenoid	23045757	1	1	1	2

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GROUP 30-H *(cont'd)*

Main Control Valve, Figure 30B
12V CEC1, Lock-In-Range

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	23045756	1	1	1	2
18	Terminal, Socket	12052410	14	14	28	56
19	Connector, 2-Way	12059716	7	7	14	28
20	Connector, Receptacle, 16-Way	23046476	1	1	2	4
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	2	2	4	8
24	Cover, Solenoid	23045748	1	1	1	2
26	Bolt, 1/4-20 x 7/8 inch	454813	14	14	28	56
27	Solenoid, 12V	23019734	7	7	7	14
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 OD x 3.020 inch	6839279	1	1	2	4

GROUP 30-J

Main Control Valve, Figure 30B
24V Electric Control, Lock-To-Neutral

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	6839631	1	1	1	2
9	Valve Assembly, Main Control	29541407	1	1	1	2
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16
14	Cover And Plate Assembly, Solenoid	23049388	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	23046170	1	1	1	2
18	Terminal, Socket	12034108	10	10	20	40
19	Connector, 2-Way	12059716	5	5	10	20
20	Connector, Receptacle, 16-Way	23046476	1	1	2	4
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	10	20	40
26	Bolt, 1/4-20 x 7/8 inch	454813	10	10	20	40
27	Solenoid, 24V	23042986	5	5	5	10
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 OD x 3.020 inch	6839279	1	1	2	4

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GROUP 30-K

Main Control Valve, Figure 30B
12V CEC1, Lock-To-Neutral

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	6839631	1	1	1	2
9	Valve Assembly, Main Control	23046167 **	1			
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16
14	Cover And Plate Assembly, Solenoid	23046169	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	23046170	1	1	1	2
18	Terminal, Socket	12034108	10	10	20	40
19	Connector, 2-Way	12059716	5	5	10	20
20	Connector, Receptacle, 16-Way	23046476	1	1	2	4
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	10	20	40
26	Bolt, 1/4-20 x 7/8 inch	454813	10	10	20	40
27	Solenoid, 12V	23019734	5	5	10	15
28	Not Used In This Group		5	5	0	0
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 OD x 3.020 inch	6839279	1	1	2	4

GROUP 30-L

Main Control Valve, Figure 30C
12V CEC1, Lock-In-Range

NOTE: See SIL 23-TR-96 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Transfer Plate. Used Only With Contoured Valve Body See SIL 09-TR-11.	6777974	1	1	2	4
1	Gasket, Oil Transfer Plate. Used Only With Solid Valve Body See SIL 09-TR-11.	29547616	1	1	1	2
2	Plate, Oil Transfer	29523167	1	1	1	2
3	Washer, Flat, 0.406 inch	6830003	5	5	10	20
4	Bolt, Patchlock, 3/8-16 x 1 1/4 inch	23018739	3	3	6	12
5	Bolt, Hexlock, 3/8-16 x 1 1/4 inch	9409030	2	2	4	8
6	Gasket, Separator Plate-To-Oil Transfer Plate. Used Only With Contoured Valve Body See SIL 09-TR-11.	29528652	1	1	2	4
6	Gasket, Separator Plate-To-Oil Transfer Plate. Used Only With Solid Valve Body See SIL 09-TR-11.	29547652	1	1	1	2
7	Plate, Separator	29528650	1	1	1	2
8	Gasket, Separator Plate-To-Control Valve Body. Used Only With Contoured Valve Body See SIL 09-TR-11.	29528651	1	1	2	4

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GROUP 30-L *(cont'd)*

Main Control Valve, Figure 30C
12V CEC1, Lock-In-Range

NOTE: See SIL 23-TR-96 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
8	Gasket, Separator Plate-To-Control Valve Body. Used Only With Solid Valve Body See SIL 09-TR-11.	29547651	1	1	1	2
9	Valve Assembly, Main Control	29541291	1	1	1	1
10	Washer, Flat, 1/4 inch	103339	18	18	36	72
11	Bolt, 1/4-20 x 3 5/8 inch	29544493	14	14	28	56
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16
13	Guard, Harness	23045747	1	1	1	2
14	Cover And Plate Assembly, Solenoid	23045757	1	1	1	2
15	Wiring Harness Assembly	23045756	1	1	1	2
16	Terminal, Socket	12052410	14	14	28	56
17	Connector, 2-Way	12059716	7	7	14	28
18	Connector, Receptacle, 16-Way	23046476	1	1	2	4
19	O-ring, 1.487 inch ID	23042786	1	1	2	4
20	Terminal, Pin	23046473	2	2	4	8
21	Gasket, Solenoid Cover	6779833	1	1	2	4
22	Cover, Solenoid	23045748	1	1	1	2
23	Washer, Flat, 1/4 inch	103339	14	14	28	56
24	Bolt, 1/4-20 x 7/8 inch	454813	14	14	28	56
25	Solenoid, 12V	23019734	7	7	7	14
26	Sealring, Solenoid, 0.630 inch ID	23046848	7	7	14	28
27	Plate Assembly, Solenoid Mounting	6880179	1	1	1	2
28	Plate, Solenoid Mounting	23017435 *	1			
29	Plug, 0.037 inch Orifice	6833281	5	5	10	20
30	Screw, Hex Socket Machine, No. 10-24 x 1 inch	29524652	2	2	4	8
31	Gasket, Solenoid Mounting Plate	6880178	1	1	2	4
32	Spring, Solenoid Pressure Regulator Valve, 0.300 ID x 1.550 inch	6880795	1	1	2	4
33	Valve, Solenoid Pressure Regulator	6835405	1	1	1	2
34	Valve, Splitter Shift	6880381	1	1	1	2
35	Spring, Splitter Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
36	Spring, Outer, Priority Valve, 0.830 OD x 1.780 inch	6833223	1	1	2	4
37	Spring, Inner, Priority Valve, 0.565 OD x 4.940 inch	6830243	1	1	2	4
38	Valve, Priority	6779840	1	1	1	2
39	Valve, High-Range Shift	6880172	1	1	1	2
40	Spring, High-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
41	Valve, Intermediate-Range Shift	6880172	1	1	1	2
42	Spring, Intermediate-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
43	Valve, Low-Range Shift	6880174	1	1	1	2
44	Spring, Low-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
45	Valve, Reverse-Range Shift	6779837	1	1	1	2
46	Spring, Reverse-Range Shift Valve, 0.700 OD x 1.830 inch	6832304	1	1	2	4
47	Ball, Check, 5/16 inch	6880187	2	2	4	8

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GROUP 30-L *(cont'd)*

Main Control Valve, Figure 30C
12V CEC1, Lock-In-Range

NOTE: See SIL 23-TR-96 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
48	Body Assembly, Main Control Valve	29544190	1	1	1	2
49	Body, Main Control Valve	29544189 *	1			
50	Plug, Pipe, 1/8-27. Used Prior To 29527535 Body.	23012036	9	9	18	36
50	Plug Assembly, 3/8-24. Used Starting With 29527535 Body. See SIL 20-TR-96.	29525044	10	8	16	32
51	Screen Assembly, Solenoid Valve	6835614	1	1	2	4
52	Valve, Reverse-Range Trimmer, 0.051 inch Orifice	29513454	1	1	1	2
53	Plug, Reverse-Range Trimmer Valve	29513456	1	1	1	2
54	Spring, Inner, Reverse-Range Trimmer Valve, 0.480 OD x 1.780 inch	6885166	1	1	2	4
55	Spring, Outer, Reverse-Range Trimmer Valve, 0.940 OD x 2.100 inch	29513457	1	1	2	4
56	Stop, Reverse-Range Trimmer Valve. See SIL 26-TR-01.	29540468	1	1	1	2
57	Valve, Low-Range Trimmer, 0.051 inch Orifice	29513454	1	1	1	2
58	Plug, Low-Range Trimmer Valve	29513456	1	1	1	2
59	Spring, Inner, Low-Range Trimmer Valve, 0.480 OD x 1.780 inch	6885166	1	1	2	4
60	Spring, Outer, Low-Range Trimmer Valve, 0.940 OD x 2.100 inch	29513457	1	1	2	4
61	Stop, Low-Range Trimmer Valve. See SIL 26-TR-01.	29540468	1	1	1	2
62	Valve, Intermediate-Range Trimmer, 0.047 inch Orifice	29513453	1	1	1	2
63	Plug, Intermediate-Range Trimmer Valve	29513456	1	1	1	2
64	Spring, Inner, Intermediate-Range Trimmer Valve, 0.480 OD x 1.780 inch	6885166	1	1	2	4
65	Spring, Outer, Intermediate-Range Trimmer Valve, 0.940 OD x 2.100 inch	29513457	1	1	2	4
66	Stop, Intermediate-Range Trimmer Valve. See SIL 26-TR-01.	29540468	1	1	1	2
67	Valve, Trim Boost Regulator	29513462	1	1	1	2
68	Spring, Trim Boost Regulator Valve, 0.480 OD x 1.780 inch	6880186	1	1	2	4
69	Stop, Trim Boost Regulator Valve	29513461	1	1	1	2
70	Valve, Splitter-High Trimmer, 0.047 inch Orifice	29513453	1	1	1	2
71	Plug, Splitter-High Trimmer Valve	29513456	1	1	1	2
72	Spring, Inner, Splitter-High Trimmer Valve, 0.690 OD x 1.800 inch	23013909	1	1	2	4
73	Spring, Outer, Splitter-High Trimmer Valve, 0.940 OD x 2.570 inch	6885047	1	1	2	4
74	Stop, Splitter-High Trimmer Valve. See SIL 26-TR-01.	29540468	1	1	1	2
75	Valve, Splitter-Low Trimmer, 0.047 inch Orifice	29513453	1	1	1	2
76	Plug, Splitter-Low Trimmer Valve	29513456	1	1	1	2
77	Spring, Inner, Splitter-Low Trimmer Valve, 0.690 OD x 1.800 inch	23013909	1	1	2	4
78	Spring, Outer, Splitter-Low Trimmer Valve, 0.940 OD x 2.570 inch	6885047	1	1	2	4

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GROUP 30-L *(cont'd)*

Main Control Valve, Figure 30C
12V CEC1, Lock-In-Range

NOTE: See SIL 23-TR-96 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
79	Stop, Splitter-Low Trimmer Valve. See SIL 26-TR-01.	29540468	1	1	1	2
80	Gasket, Trimmer Valve Cover. See SIL 26-TR-01.	29540469	1	1	2	4
81	Wiring Harness Assembly	29513460	1	1	1	2
82	Terminal, Socket	12124639	2	2	4	8
83	Connector, 2-Way	29541590	1	1	2	4
84	Connector, Receptacle, 5-Way	23046475	1	1	2	4
85	O-ring, 1.114 inch ID	23042785	1	1	2	4
86	Terminal, Pin	23046473	3	3	6	12
87	Trimmer Cover Kit, Update. When Replacing 29527105 Trimmer Valve Cover With 29538538 Trimmer Valve Cover, Order 29539555 Trimmer Cover Update Kit. Kit Contains 29538538 Trimmer Valve Cover, 29540469 Cover Gasket, 23042785 O-ring, Three 445567 Bolts, Twelve 186601 Bolts, Three 29541002 Trimmer Valve Stops And Five 29540468 Trimmer Valve Stops. NOTE: Use of Trimmer Upgrade Kit 29539555 Requires Rework Of Two Holes In Existing Valve Body Or Installation Of New Valve Body. See SIL 26-TR-01.	29539555	1	1	1	2
88	Washer, Flat, 1/4 inch	103339	15	15	30	60
89	Bolt, 1/4-20 x 1 inch. Used Prior To 29538538 Trimmer Valve Cover	186647	12	12	24	48
89	Bolt, 1/4-20 x 1 1/4 inch. Used Starting With 29538538 Trimmer Valve Cover	186601	12	12	24	48
90	Spacer, 5/16 ID x 5/8 OD x 0.530 inch	29527536	3	3	6	12
91	Bolt, 1/4-20 x 1 1/2 inch. Used Prior To 29538538 Trimmer Valve Cover	454815	3	3	6	12
91	Bolt, 1/4-20 x 1 3/4 inch. Used Starting With 29538538 Trimmer Valve Cover Service Two 445567 Bolts With Two 29554527 Bolts See SIL 14-TR-12.	445567	3	3	6	12
92	Spring, Exhaust Regulator Valve, 0.290 ID x 1.250 inch	6834536	1	1	2	4
93	Valve, Exhaust Regulator	6756164	1	1	1	2
94	Pin, Guide, Exhaust Regulator Valve	6756146	1	1	2	4
95	Solenoid, Non-Latching	29506298	1	1	1	2
96	Lockwasher, Internal-Tooth, 1/4 inch	115547	2	2	4	8
97	Screw, Hex Socket Machine, 1/4-20 x 1 inch	138202	2	2	4	8
98	Gasket, Solenoid Cover	29513464	1	1	2	4
99	Cover, Solenoid	29513463	1	1	1	2
100	Washer, Flat, 1/4 inch	103339	6	6	12	24
101	Bolt, 1/4-20 x 1 inch	186647	6	6	12	24
102	Washer, Flat Copper, 3/8 inch	9415545	34	34	68	136
103	Bolt, 3/8-16 x 4 3/4 inch	450517	3	3	6	12
104	Bolt, 3/8-16 x 3 3/4 inch	186284	31	31	62	124

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GROUP 30-M

Main Control Valve, Figure 30C
12V CEC1, Lock-To-Neutral

NOTE: See SIL 23-TR-96 For Important Service Information

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	29544285	1	1	1	2
9	Valve Assembly, Main Control	29541290	1	1	1	1
14	Cover And Plate Assembly, Solenoid	23046169	1	1	1	2
15	Wiring Harness Assembly	23046170	1	1	1	2
16	Terminal, Socket	12034108	10	10	20	40
17	Connector, 2-Way	12059716	5	5	10	20
20	Terminal, Pin	23046473	6	6	12	24
23	Washer, Flat, 1/4 inch	103339	10	10	20	40
24	Bolt, 1/4-20 x 7/8 inch	454813	10	10	20	40
25	Solenoid, 12V	23019734	5	5	5	10
26	Sealring, Solenoid, 0.630 inch ID	23046848	5	5	10	20
88	Washer, Flat, 1/4 inch. Used Prior To 29538538 Trimmer Valve Cover	103339	15	15	30	60

GROUP 30-N

Main Control Valve, Figure 30C
12V CEC2, Lock-In-Range

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
9	Valve Assembly, Main Control	29541287	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29536511	1	1	1	2
15	Wiring Harness Assembly. Used Only With CEC2.	29536510	1	1	1	2

GROUP 30-P

Main Control Valve, Figure 30C
12V CEC2, Lock-To-Neutral

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	29544285	1	1	1	2
9	Valve Assembly, Main Control	29541288	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29536514	1	1	1	2
15	Wiring Harness Assembly	29536515	1	1	1	2
16	Terminal, Socket	12052410	10	10	20	40
17	Connector, 2-Way	12059716	5	5	10	20
20	Terminal, Pin	23046473	6	6	12	24
23	Washer, Flat, 1/4 inch	103339	10	10	20	40

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GROUP 30-P *(cont'd)*

Main Control Valve, Figure 30C
12V CEC2, Lock-To-Neutral

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
24	Bolt, 1/4-20 x 7/8 inch	454813	10	10	20	40
25	Solenoid, 12V	23019734	5	5	5	10
26	Sealring, Solenoid, 0.630 inch ID	23046848	5	5	10	20

GROUP 30-Q

Main Control Valve, Figure 30C
12V CEC2, Lock-In-Range

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	29513448	1	1	1	2
9	Valve Assembly, Main Control	29541289	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29536511	1	1	1	2
15	Wiring Harness Assembly	29536510	1	1	1	2
54	Spring, Inner, Reverse-Range Trimmer Valve, 0.690 OD x 1.420 inch	6880118	1	1	2	4
59	Spring, Inner, Low-Range Trimmer Valve, 0.690 OD x 1.420 inch	6880118	1	1	2	4
64	Not Used In This Group		1	1	2	4
66	Stop, Intermediate-Range Trimmer Valve. See SIL 26-TR-01.	29541002	1	1	1	2
68	Spring, Trim Boost Regulator Valve, 0.501 OD x 1.320 inch	6839014	1	1	2	4
72	Not Used In This Group		1	1	2	4
73	Spring, Outer, Splitter-High Trimmer Valve, 0.949 OD x 2.270 inch	23012937	1	1	2	4
74	Stop, Splitter-High Trimmer Valve. See SIL 26-TR-01.	29541002	1	1	1	2
77	Not Used In This Group		1	1	2	4
78	Spring, Outer, Splitter-Low Trimmer Valve, 0.949 OD x 2.270 inch	23012937	1	1	2	4
79	Stop, Splitter-Low Trimmer Valve	29541002	1	1	1	2

GROUP 30-R

Main Control Valve, Figure 30B
12V CEC2, Lock-To-Neutral, No Trim Boost

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator. See SIL 01-TR-91.	6839631	1	1	1	2
9	Valve Assembly, Main Control	29549478	1	1	1	1
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16

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GROUP 30-R *(cont'd)*

Main Control Valve, Figure 30B

12V CEC2, Lock-To-Neutral, No Trim Boost

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
14	Cover And Plate Assembly, Solenoid	29536514	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29536515	1	1	1	2
18	Terminal, Socket	12052410	10	10	20	40
19	Connector, 2-Way	12059716	5	5	10	20
20	Connector, Receptacle, 16-Way	23046476	1	1	2	4
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 7/8 inch	454813	10	14	28	56
27	Solenoid, 12V	23019734	5	7	7	14
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 inch OD x 3.020 inch	6839279	1	1	2	4
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

GROUP 30-S

Main Control Valve, Figure 30B

24V Manual Electric, Lock-To-Neutral, Two-Wire, SS

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator. See SIL 01-TR-91.	6839631	1	1	1	2
9	Valve Assembly, Main Control	29544255	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29544254	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29544253	1	1	1	2
18	Terminal, Socket	12034108	10			
19	Connector, 2-Way	12059716	5			
20	Connector, SS	29544265	1	1	1	2
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 7/8 inch	454813	10	14	28	56
27	Solenoid, 24V	23042986	5	7	7	14
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 inch OD x 3.020 inch	6839279	1	1	2	4
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

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GROUP 30-T

Main Control Valve, Figure 30B

24V Manual Electric, Lock-To-Neutral, Two-Wire, Without Reverse, SS

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator. See SIL 01-TR-91.	6839631	1	1	1	2
9	Valve Assembly, Main Control	29544257	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29544259	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29544258	1	1	1	2
18	Terminal, Socket	12034108	8	8	16	32
19	Connector, 2-Way	12059716	4			
20	Connector, SS	29544265	1	1	1	2
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 7/8 inch	454813	10	14	28	56
27	Solenoid, 24V	23042986	4	7	7	14
28	Plate, Solenoid Blocking	29544178	1	1	1	2
47	Valve, No Reverse	29547636	1	1	1	2
48	Not Used In This Group.					
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 inch OD x 3.020 inch	6839279	1	1	2	4
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

GROUP 30-U

Main Control Valve, Figure 30B

12V CEC2, Lock-To-Neutral, No TB, Without Reverse, SS

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Transfer Plate	29547616	1	1	2	4
6	Gasket, Separator Plate-To-Oil Transfer Plate	29546336	1	1	2	4
7	Plate, Separator	6839631	1	1	1	2
8	Gasket, Separator Plate-to-Control Valve Body	29546337	1	1	2	4
9	Valve Assembly, Main Control	29547691	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29547684	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29547674	1	1	1	2
18	Terminal, Socket	12052410	8	8	16	32
19	Connector, 2-Way	12059716	4			
20	Connector, SS	29544265	1	1	1	2
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24

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GROUP 30-U *(cont'd)*

Main Control Valve, Figure 30B

12V CEC2, Lock-To-Neutral, No TB, Without Reverse, SS

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 7/8 inch	454813	10	14	28	56
27	Solenoid, 12V	23019734	4	7	7	14
28	Plate, Solenoid Blocking	29544178	1	1	1	2
47	Valve, No Reverse	29547636	1	1	1	2
48	Not Used In This Group.					
52	Plug, Pipe, 1/8-27	23012036	7	7	14	28
52	Plug Assembly, 3/8-24	29525044	7	7	14	28
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 inch OD x 3.020 inch	6839279	1	1	2	4
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

GROUP 30-V

Main Control Valve, Figure 30B

24V Manual Electric, Lock-To-Neutral, One-Wire, Without Reverse

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	6839631	1	1	1	2
9	Valve Assembly, Main Control	29551675	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29544163	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29544167	1	1	1	2
18	Terminal, Pin	2973915	5	5	10	20
19	Connector, Twin Lock	12020381	5	5	10	20
20	Receptacle, Second Ring	6833171	1	1	1	2
21	Washer, Connector, Panel Sealing	6833167	1	1	2	4
22	Wire, Adjusting	6830320	6	6	12	24
NI	Terminal, Ring, Straight	2962409	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 3/4 inch	443603	10	14	28	56
27	Solenoid, 24V	23013931	4	7	7	14
28	Plate, Solenoid Blocking	29544178	1	1	1	2
47	Valve, No Reverse	29547636	1	1	1	2
48	Not Used In This Group.					
52	Plug, Pipe, 1/8-27	23012036	7	7	14	28
52	Plug Assembly, 3/8-24	29525044	7	7	14	28
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

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GROUP 30-W

Main Control Valve, Figure 30C

12V CEC2, Lock-To-Neutral, SS

Same As Group L, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
7	Plate, Separator	29544285	1	1	1	2
9	Valve Assembly, Main Control	29547689	1	1	1	1
14	Cover And Plate Assembly, Solenoid	29547685	1	1	1	2
15	Wiring Harness Assembly	29547675	1	1	1	2
16	Terminal, Socket	12052410	10	10	20	40
17	Connector, 2-Way	12059716	5	5	10	20
18	Connector, SS	29544265	1	1	2	4
20	Terminal, Pin	23046473	6	6	12	24
23	Washer, Flat, 1/4 inch	103339	10	10	20	40
24	Bolt, 1/4-20 x 7/8 inch	454813	10	10	20	40
25	Solenoid, 12V	23019734	5	5	5	10
26	Sealring, Solenoid, 0.630 inch ID	23046848	5	5	10	20
50	Plug Assembly, 3/8-24	29525044	10	8	16	32
56	Stop, Reverse-Range Trimmer Valve	29540468	1	1	1	2
61	Stop, Low-Range Trimmer Valve	29540468	1	1	1	2
66	Stop, Intermediate-Range Trimmer Valve	29540468	1	1	1	2
74	Stop, Splitter-High Trimmer Valve	29540468	1	1	1	2
79	Stop, Splitter-Low Trimmer Valve	29540468	1	1	1	2
80	Gasket, Trimmer Valve Cover	29540469	1	1	2	4
81	Wiring Harness Assembly	29547671	1	1	1	2
84	Connector	29544264	1	1	2	4
89	Bolt, 1/4-20 x 1 1/4 inch	186601	12	12	24	48

GROUP 30-X

Main Control Valve, Figure 30B

12V CEC2, Lock-To-Neutral, No TB, Without Reverse

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gasket, Oil Transfer Plate	29547616	1	1	2	4
6	Gasket, Separator Plate-To-Oil Transfer Plate	29546336	1	1	2	4
7	Plate, Separator	6839631	1	1	1	2
8	Gasket, Separator Plate-to-Control Valve Body	29546337	1	1	2	4
9	Valve Assembly, Main Control	29551733	1	1	1	1
12	Bolt, 1/4-20 x 4 3/4 inch	9433579	4	4	8	16
14	Cover And Plate Assembly, Solenoid	29544164	1	1	1	2
15–16	Not Used In This Group.					
17	Wiring Harness Assembly	29544165	1	1	1	2
18	Terminal, Socket	12052410	10	10	20	40
19	Connector, 2-Way	12059716	5	5	10	20
20	Connector	23046476	1	1	1	2

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GROUP 30-X *(cont'd)*

Main Control Valve, Figure 30B

12V CEC2, Lock-To-Neutral, No TB, Without Reverse

Same As Group B, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
21	O-ring, 1.487 inch ID	23042786	1	1	2	4
22	Terminal, Pin	23046473	6	6	12	24
24	Cover, Solenoid	23045748	1	1	1	2
25	Washer, Flat, 1/4 inch	103339	10	14	28	56
26	Bolt, 1/4-20 x 7/8 inch	454813	10	14	28	56
27	Solenoid, 12V	23019734	4	7	7	14
28	Plate, Solenoid Blocking	29544178	1	1	1	2
47	Valve, No Reverse	29547636	1	1	1	2
48	Not Used In This Group.					
52	Plug Assembly, 3/8-24	29525044	7	7	14	28
63	Spring, Inner, Low-Range Trimmer Overlap Valve, 0.754 inch OD x 3.020 inch	6839279	1	1	2	4
79	Cover, Trimmer Valve	29541385	1	1	1	2
81	Bolt, 1/4-20 x 1 1/2 inch	454815	14	14	28	56

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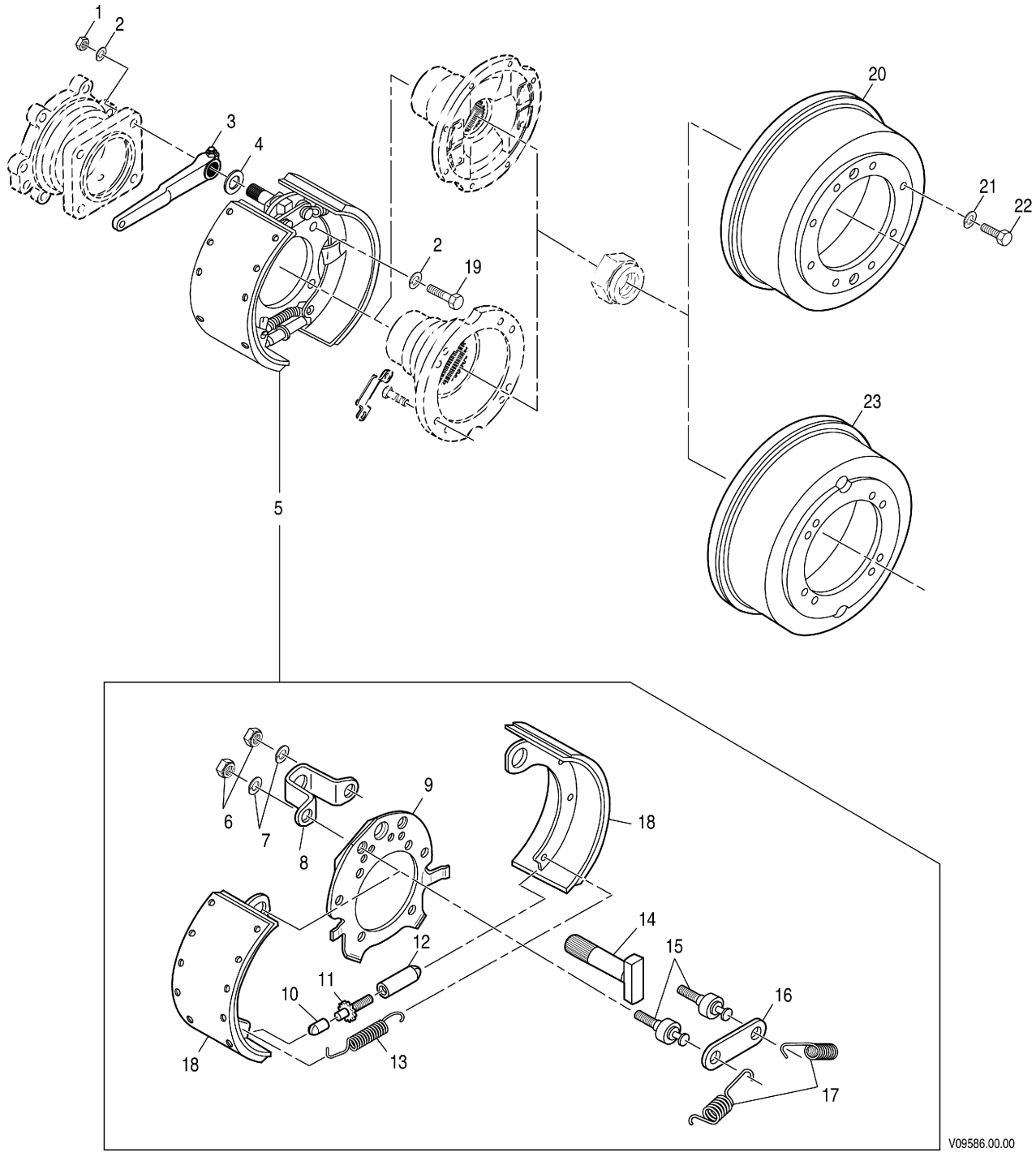


Figure 31. Parking Brake

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NOTES

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GROUP 31-A

Parking Brake, Figure 31

See The Service Kits Section

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Nut, 5/8-18	274468	4	4	8	16
2	Washer, Flat, 5/8 inch	6768827	8	8	16	32
3	Lever, Brake Apply	6772551	1	1	1	2
4	Washer, Spring	2405951	1	1	2	4
5	Brake Assembly, 12 x 5 inch	29506141	1	1	1	2
6	Nut, 3/4-16	218197	2	2	4	8
7	Lockwasher, 3/4 inch	103326	2	2	4	8
8	Bracket, Camshaft Support	2400596	1	1	1	2
9	Plate, Brake Support	2399044	1	1	1	2
10	Socket, Brake Adjusting Screw	2344798	1	1	1	2
11	Screw, Brake Adjusting	6830410	1	1	1	2
12	Pivot Nut, Brake Adjusting Screw	2344802	1	1	1	2
13	Spring, Self-Adjuster. Color Coded With Red Marks.	2344799	1	1	2	4
14	Camshaft	6830414	1	1	1	2
15	Pin, Anchor, Shoe Return Spring	2399049	2	2	2	4
16	Brace, Anchor Pin	2399050	1	1	1	2
17	Spring, Shoe Return. Color Coded Black.	2399048	2	2	4	8
18	Shoe And Lining Assembly	29514478	2	2	4	8
19	Bolt, 5/8-18 x 2 inch	223738	4	4	8	16
20–22	Not Used In This Group.					
23	Drum, Brake	@@				

GROUP 31-B

Parking Brake, Figure 31

See The Service Kits Section

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
23	Drum, Brake, 12 x 5 inch	29518544	1	1	1	2

GROUP 31-C

Parking Brake, Figure 31

See The Service Kits Section

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
20	Drum, Brake, 12 x 5 inch	29518545	1	1	1	2
21	Lockwasher, 1/2 inch	103323	8	8	16	32
22	Bolt, 1/2-20 x 1 inch	181427	8	8	16	32
23	Not Used In This Group.					

@@ Supplied By Engine Manufacturer.

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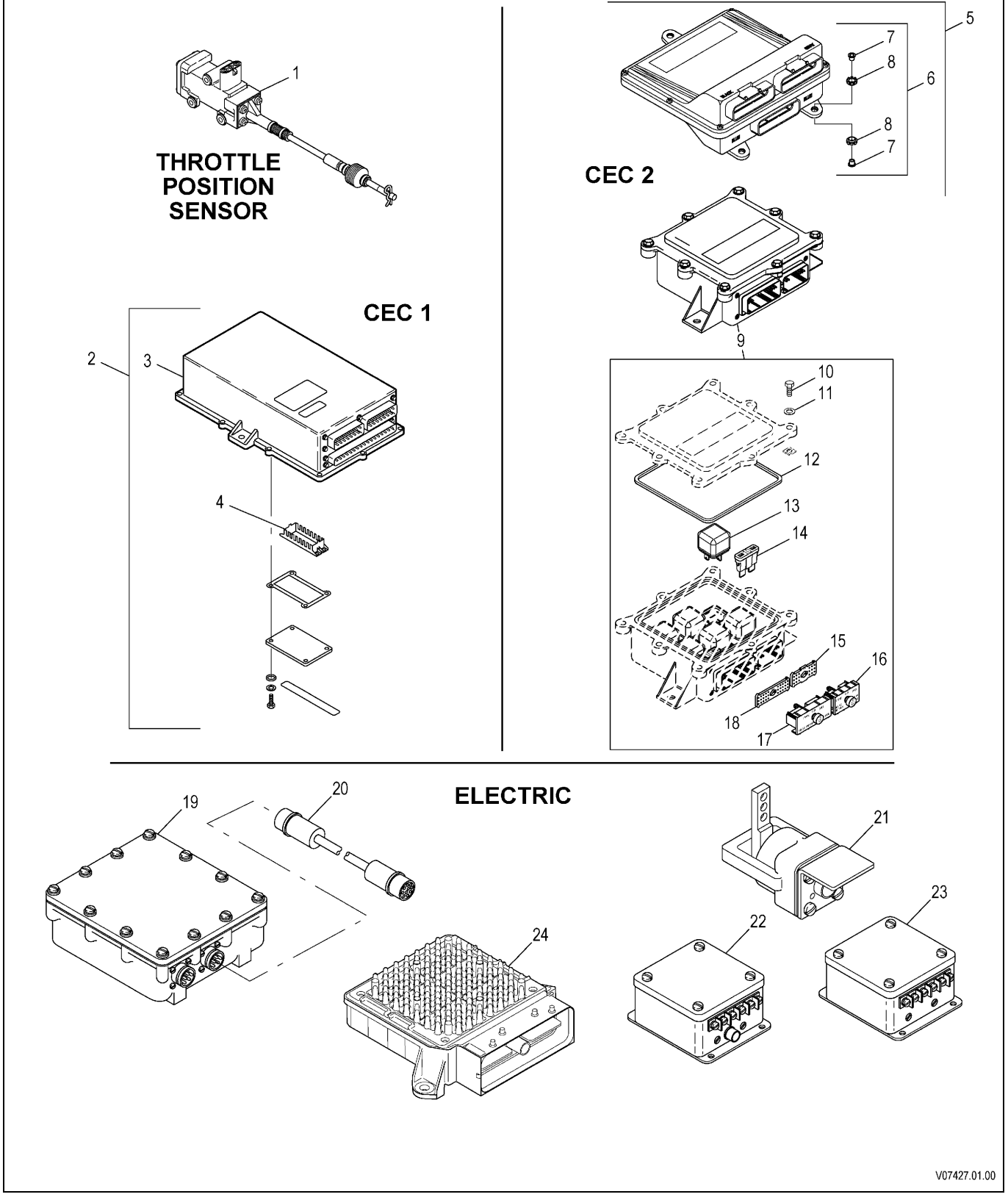


Figure 32. Electronic Control Unit *(ECU)*

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GROUP 32-A

ECU And External Control Hardware, Figure 32
CEC Throttle Position Sensor

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Sensor Assembly, Throttle Position, 43 inch Cable, Hitch-Pin Design	29507769	1			
1	Sensor Assembly, Throttle Position, 60 inch Cable, Hitch-Pin Design	29507770	1			
2–23	Not Used In This Group.					

GROUP 32-B

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Not Used In This Group.					
2	Electronic Control Unit Assembly, Sealed Plus II	16081099 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504547	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081109 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16080828	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081119 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16080835	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081129 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16080842	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081139 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16080847	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081149 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	16080854	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16081159 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504551	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16084519 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16084730	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16085369 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16085828	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16085449 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16085595	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16085519 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16085641	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16085579 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16085674	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16136789 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16136494	1			
2	Electronic Control Unit Assembly, Sealed Plus II	16136859 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	16136502	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502612 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502611	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502616 ***	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502615	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502622 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502621	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502626 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502625	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502630 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502629	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502634 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502633	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29502762 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29502761	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504528 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504527	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504530 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	29504529	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504542 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504541	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504544 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504543	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504548 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504547	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504552 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504551	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504554 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504553	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504580 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504579	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504582 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504581	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504592 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504591	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504606 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504605	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504622 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514221	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504652 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504651	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504654 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504653	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504670 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504669	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504694 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504693	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504696 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504695	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504706 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504705	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504740 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	29504739	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504744 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504743	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504746 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504745	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504768 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504767	1			
4	ECU Service PROM And Retainer Assembly Kit	29504775	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504810 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504809	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504822 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504821	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504878 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514215	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504888 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504929	1			
4	ECU Service PROM And Retainer Assembly Kit	29504889	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504894 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504893	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Electronic Control Unit Assembly, Sealed Plus II	29504900 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504899	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504910 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504929	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504912 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514247	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504918 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514217	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504920 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514219	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504922 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504921	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504924 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514223	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504926 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514225	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504928 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514227	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504930 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29504929	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504932 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514231	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504934 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514233	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504936 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514235	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504938 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514237	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504946 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514229	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29504948 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514239	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514216 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	29514215	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514218 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514217	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514220 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514219	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514222 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514221	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514226 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514225	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514228 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514227	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514230 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514229	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514232 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514231	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514234 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514233	1			
2	Electronic Control Unit Assembly, Sealed Plus II (Remanufactured)	29514236 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514235	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514238 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514237	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514240 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514239	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514244 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514243	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514248 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514247	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29514262 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29514261	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29524158 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29524157	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29524204 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29524203	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29524208 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	29524207	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29529052 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29529051	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29529078 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29529077	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29529080 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29529079	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532750 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532749	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532752 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532751	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532754 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532753	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532756 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532755	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532758 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532757	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29532764 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29532763	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534582 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534581	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534584 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534583	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534586 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534585	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534588 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534587	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534590 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534589	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534600 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534599	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534614 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534613	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534624 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32
CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	PROM And Retainer Assembly Kit	29534623	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534626 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534625	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29534628 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29534627	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29536642 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29536641	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29536644 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29536643	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29536658 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29536657	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29538114 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29538113	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29538134 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29538133	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29538150 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29538149	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29539704 **	1			

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GROUP 32-B *(cont'd)*

ECU And External Control Hardware, Figure 32

CEC1 Electronic Control Unit

NOTE: See SIL 05-TR-96 And SIL 36-TR-94 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29539703	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29539706 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29539705	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29539708 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29539707	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29539720 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 1228282 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	1228282 ***	1			
4	PROM And Retainer Assembly Kit	29539719	1			
2	Electronic Control Unit Assembly, Sealed Plus II	29542426 **	1			
3	Plus II Electronic Control Unit Without PROM, Remanufactured. ECU 16172029 Without PROM Now Serviced By Flight Systems Electronics Group See SIL 18-TR-10.	16172029	1			
4	PROM And Retainer Assembly Kit	29542425	1			
5–23	Not Used In This Group.					

GROUP 32-C

ECU And External Control Hardware, Figure 32

Electric

NOTE: See SIL 41-TR-80 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–18	Not Used In This Group.					
19	Generator, Shift Pattern, 2000 rpm	6882673 °°°	1			
19	Generator, Shift Pattern, 2100 rpm	23012090 °°°	1			
19	Generator, Shift Pattern, 2300 rpm	6882675 °°°	1			
20	Harness, Fifth- And Sixth-Range Restricter	6837318	1			
20	Harness, Sixth-Range Restricter	6837319 °°°	1			
21	Potentiometer Assembly, Throttle	23014954 °°°	1			
22	Convertor, Voltage, 12V To 24V. Only For 12V Input From Vehicle.	23011792 °°°	1			
23	Protector, Overload 24V. Only For 24V Input From Vehicle.	23011793 °°°	1			

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GROUP 32-D

ECU And External Control Hardware, Figure 32
CEC2 Electronic Control Unit

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–4	Not Used In This Group.					
5	Electronic Control Unit, Base And Labels	29543300	1			
6	ECU Isolation Kit. Kit Contains Six 29536132 Isolation Mount Grommets, Six 29536133 Isolation Mount Bushings, And 29535953 Instruction Sheet No. 286.	29535952	1			
7	Bushing, Isolation Mount	29536133 *	6			
8	Grommet, Isolation Mount	29536132 *	6			
9–23	Not Used In This Group.					

GROUP 32-E

ECU And External Control Hardware, Figure 32
CEC2 12V Vehicle Interface Module

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–8	Not Used In This Group.					
9	Vehicle Interface Module Assembly, 12V	29509886	1			
10	Screw, M5 x 0.08 x 16 mm	29506163	8			
11	Washer, Flat, M5	29506165	8			
12	O-ring, 158.34 mm ID	29505809	1			
13	Relay, 12V – K1, K2, K3, K4, K5, K6	29535907	6			
14	Fuse, 10 Amp	12004007	2			
15	Seal, 18-Way Connector	15324210	1			
16	Cover, 18-Way Connector	12040940 *	1			
17	Cover, 30-Way Connector	12040542 *	1			
18	Seal, 30-Way Connector	15324208	1			
19–23	Not Used In This Group.					

GROUP 32-F

ECU And External Control Hardware, Figure 32
CEC2 24V Vehicle Interface Module

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
9	Vehicle Interface Module Assembly, 24V	29509889	1			
13	Relay, 12V – K3, K6	29535907	2			
13	Relay, 24V – K1, K2, K4, K5	29535908	4			

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GROUP 32-G

ECU And External Control Hardware, Figure 32

CEC2 24V Vehicle Interface Module

Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
9	Vehicle Interface Module Assembly, 24V	29516036	1			
13	Relay, 24V – K1, K2, K3, K4, K5, K6	29535908	6			

GROUP 32-H

ECU And External Control Hardware, Figure 32

CEC3

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–23	Not Used In This Group.					
24	TCM, A53 12V And 24V	29545538	1	2	4	8

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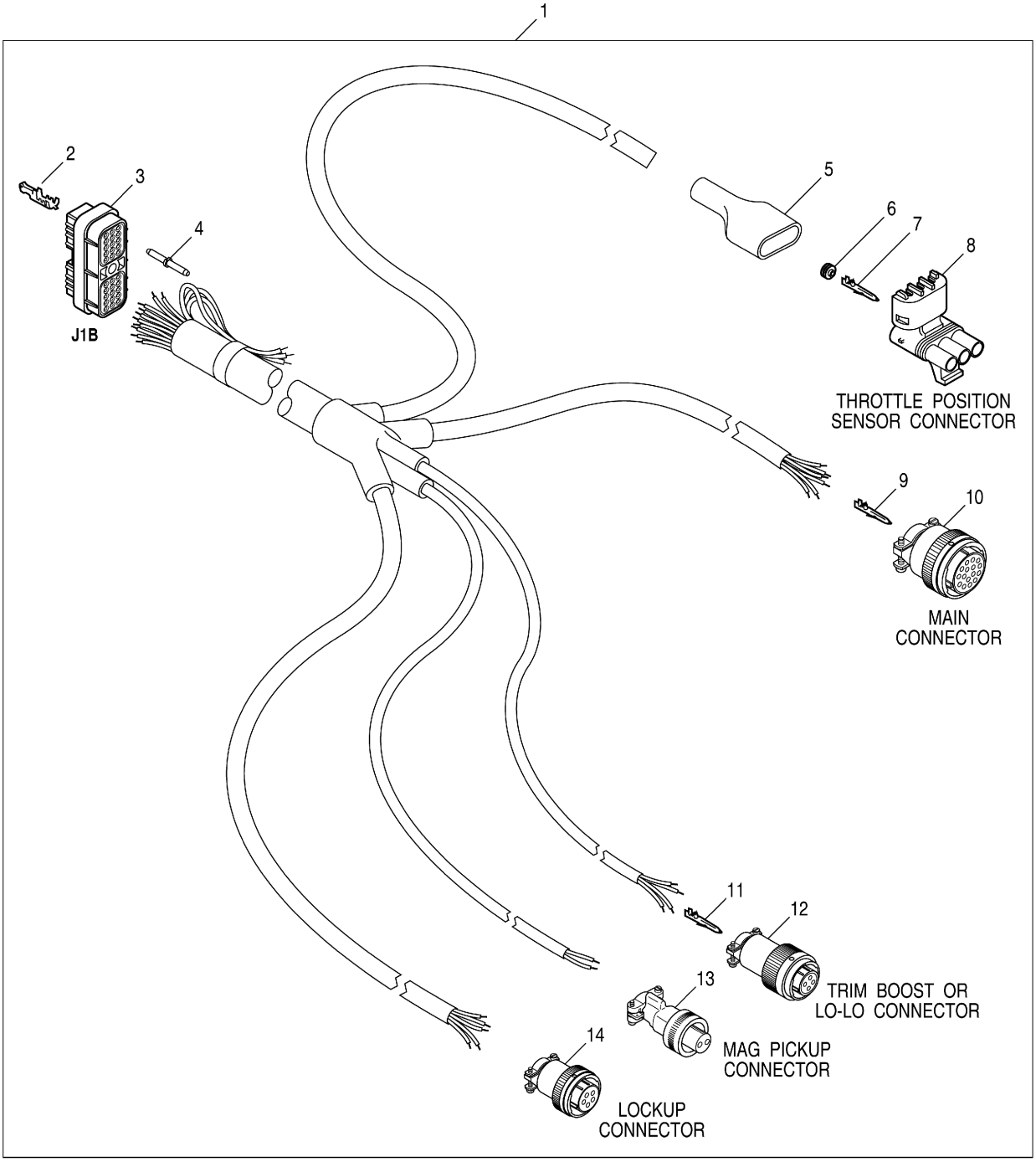


Figure 33A. Chassis Wiring Harness *(CEC1 One-Piece)*

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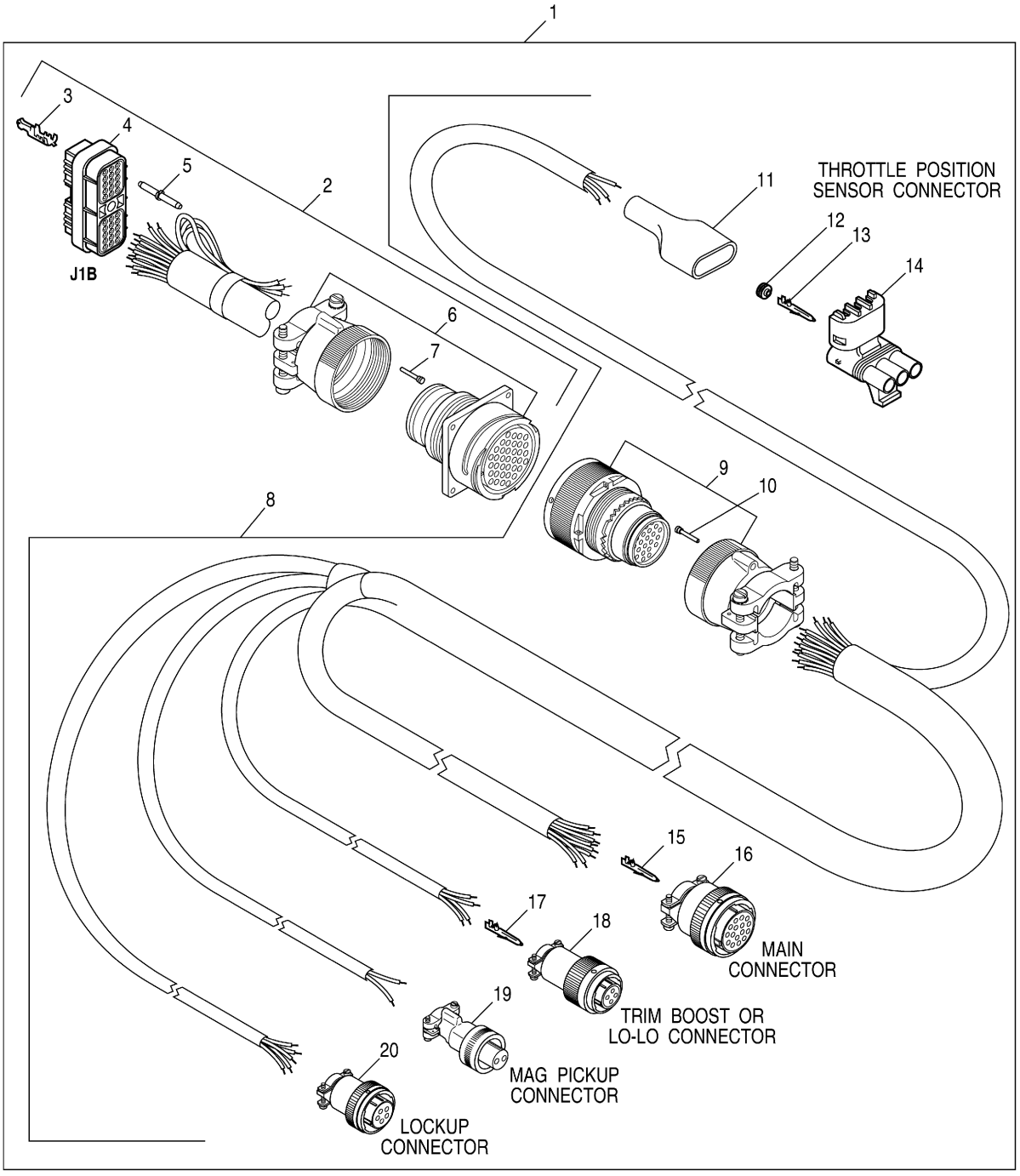


Figure 33B. Chassis Wiring Harness *(CEC1 Sectional)*

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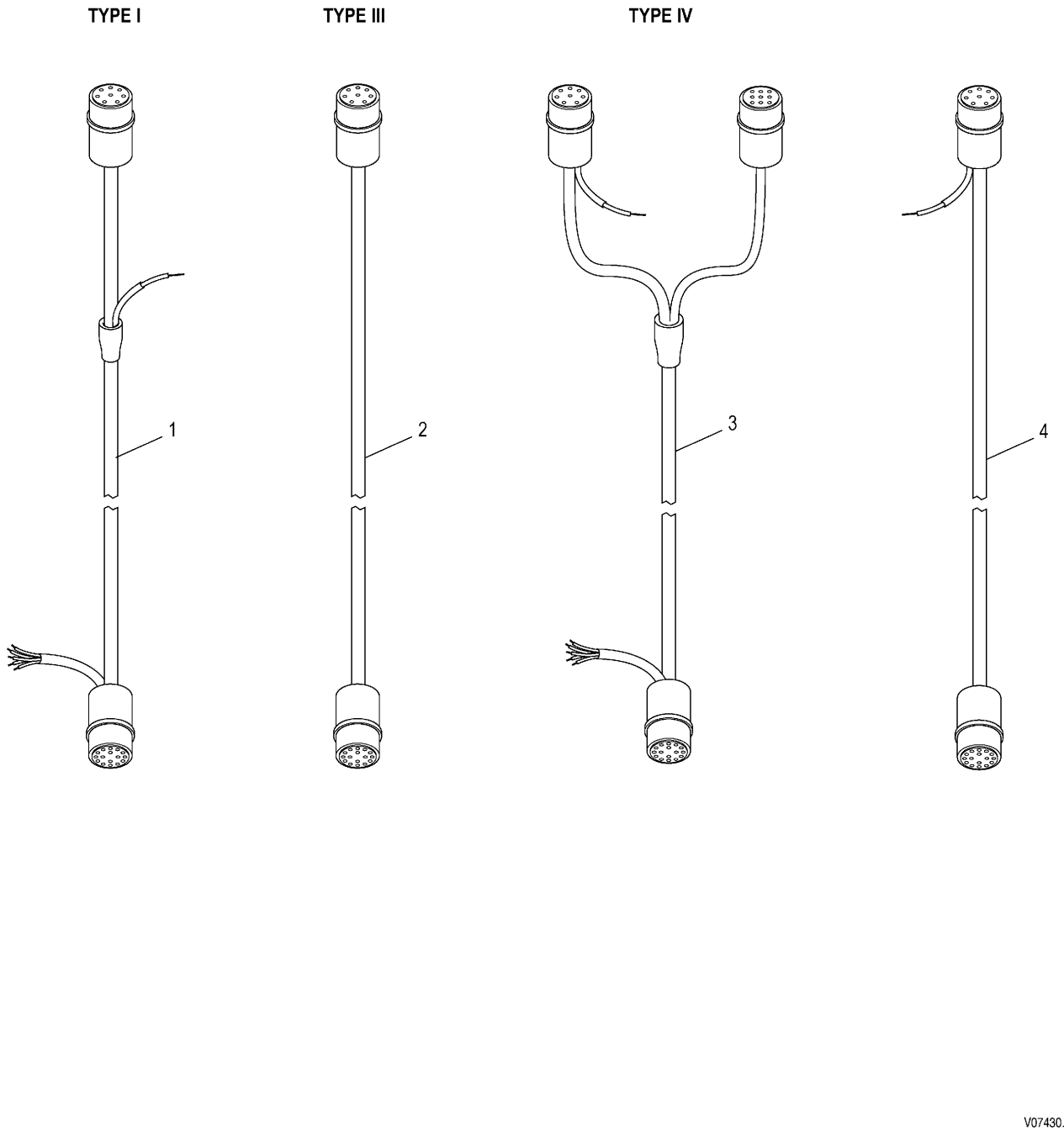


Figure 33C. Chassis Wiring Harness *(Electric)*

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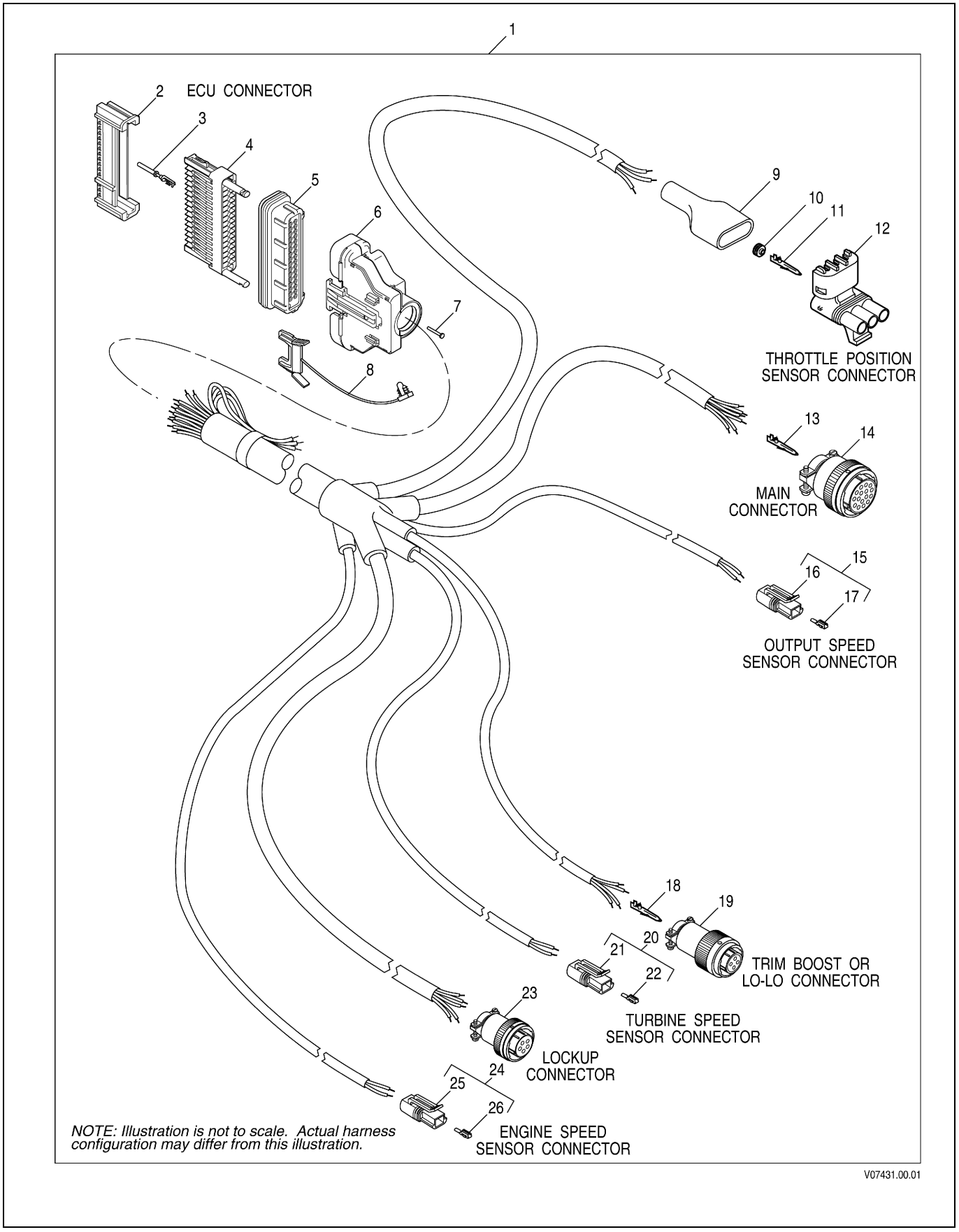


Figure 33D. Chassis Wiring Harness *(CEC2 One-Piece)*

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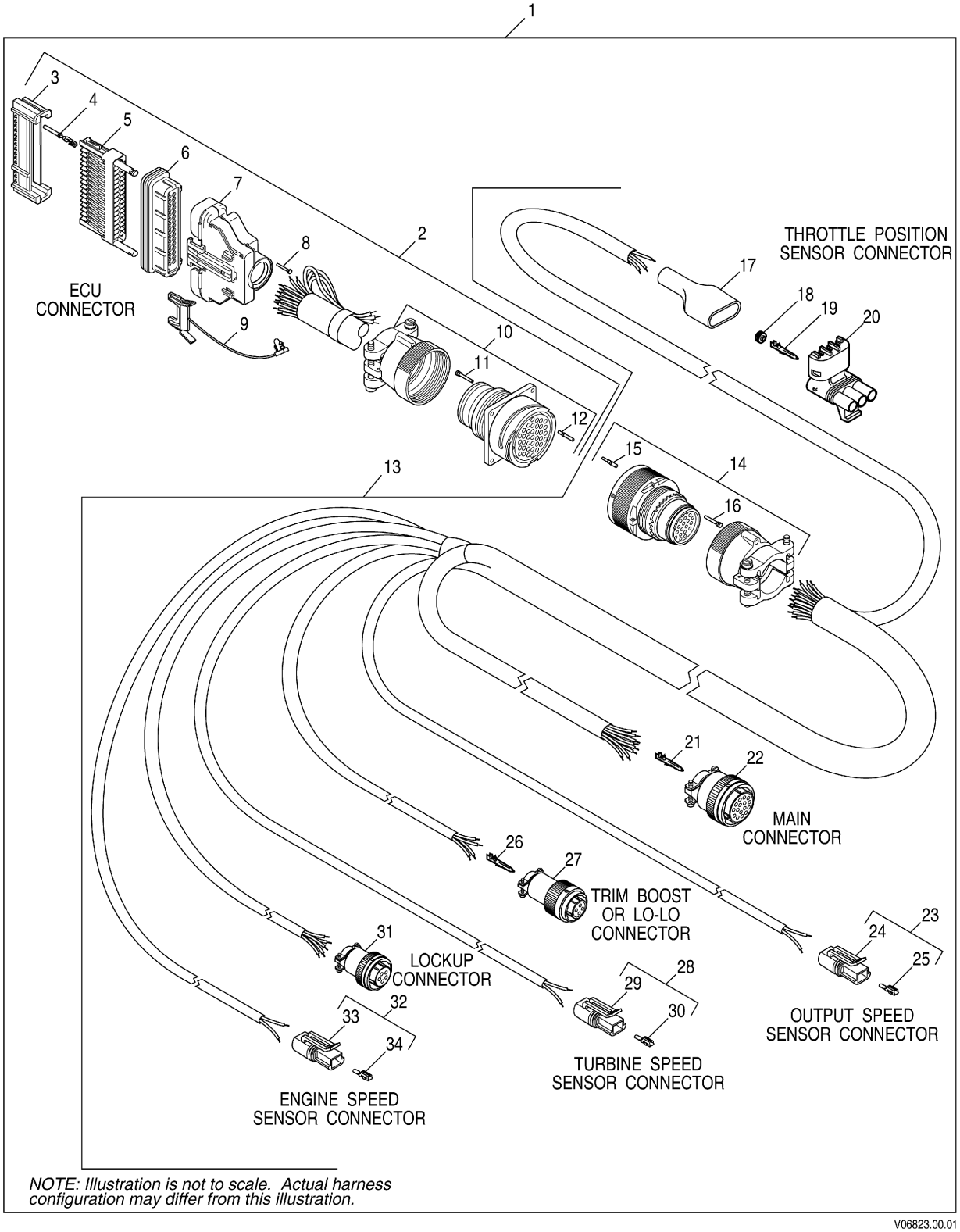
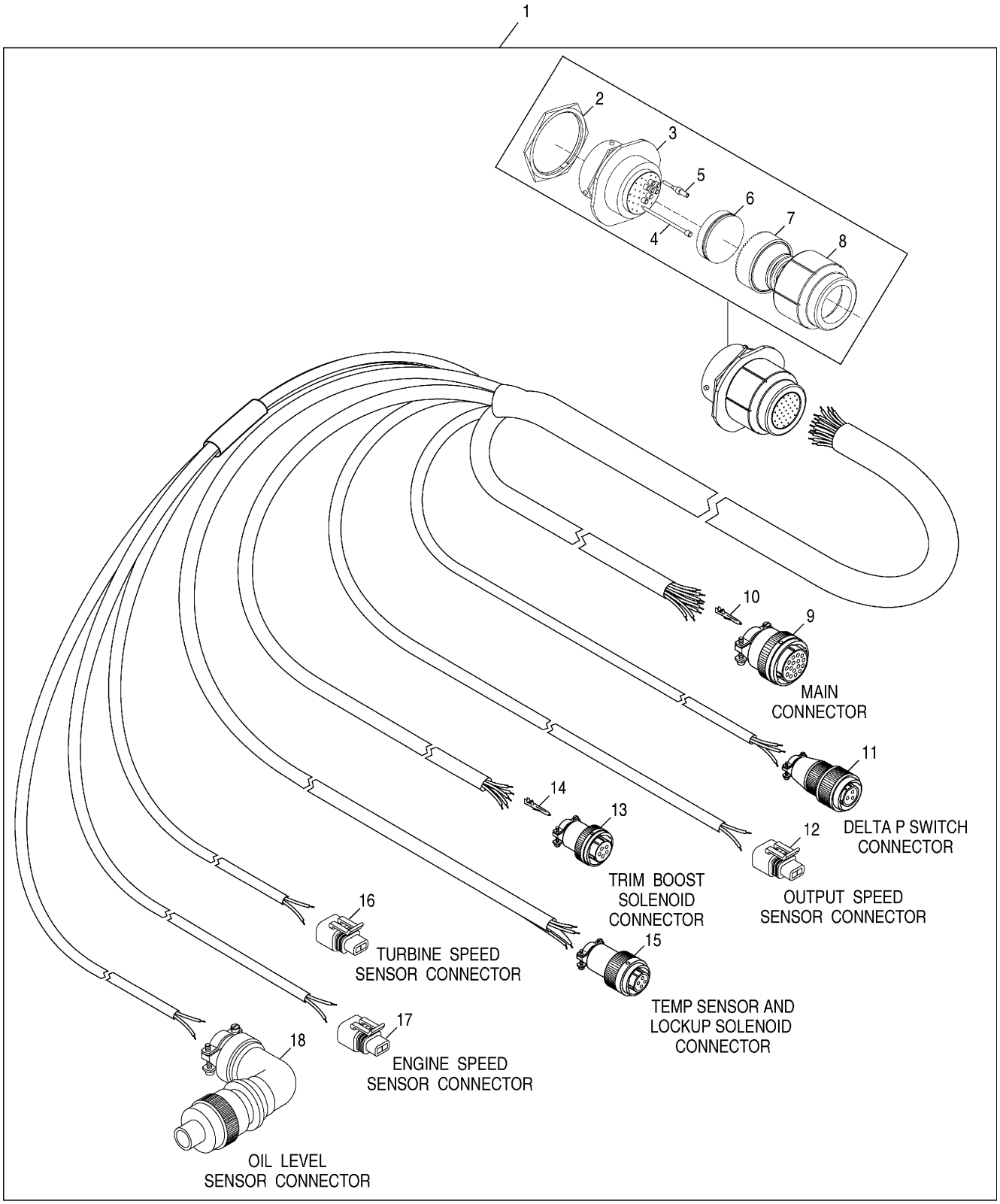


Figure 33E. Chassis Wiring Harness *(CEC2 Sectional)*

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NOTE: Illustration is not to scale. Actual harness configuration may differ from this illustration.

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Figure 33F. Chassis Wiring Harness *(CEC3 Sectional)*

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GROUP 33-A

Chassis Wiring Harness, Figure 33A
CEC1 One-Piece
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, One-Piece	29516202	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29516203	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29516204	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29516205	1			
2	Terminal, Socket	12047680	21			
3	Connector, 30-Way J1B, ECU	29545909	1			
4	Plug, Cavity	12034413	9			
5	Sleeve, Heat Shrink	23046735	1			
6	Seal, Wire	12015284	3			
7	Terminal, Pin	12089040	3			
8	Connector, 3-Way, Throttle Position Sensor	12015793	1			
9	Terminal, Pin	23046473	3			
10	Connector, 16-Way, Main Valve Body	23046469	1			
11	Terminal, Pin	23046473	3			
12	Connector, 5-Way, Trim Boost/Lo-Lo Valve Body	23046472	1			
13	Connector, Speed Sensor	23046470	1			
14	Connector, 4-Way, Lockup Valve Body	23046471	1			

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GROUP 33-B

Chassis Wiring Harness, Figure 33B
CEC1 Sectional
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	23041989 **	1			
1	Wiring Harness Assembly, Chassis, Sectional	29509511 **	1			
1	Wiring Harness Assembly, Chassis, Sectional	29533227	1			
2	Wiring Harness Assembly, Chassis, ECU End	29509512	1			
2	Wiring Harness Assembly, Chassis, ECU End	29533228	1			
3	Terminal, Socket	12047680	21			
4	Connector, 30-Way J1B, ECU	29545909	1			
5	Plug, Cavity	12034413	9			
6	Connector, Harness, Sectional	23046587	1			
7	Terminal, Pin	23046589	10			
8	Wiring Harness Assembly, Chassis, Transmission End	29509513	1			
8	Wiring Harness Assembly, Chassis, Transmission End	29533229	1			
9	Connector, Harness, Sectional	23046588	1			
10	Terminal, Pin	23046589	10			
11	Sleeve, Heat Shrink	23046735	1			
12	Seal, Wire	12015284	3			
13	Terminal, Pin	12089040	3			

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GROUP 33-B *(cont'd)*

Chassis Wiring Harness, Figure 33B
CEC1 Sectional
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
14	Connector, 3-Way, Throttle Position Sensor	12015793	1			
15	Terminal, Pin	23046473	3			
16	Connector, 16-Way, Main Valve Body	23046469	1			
17	Terminal, Pin	23046473	3			
18	Connector, 5-Way, Trim Boost/Lo-Lo Valve Body	23046472	1			
19	Connector, Speed Sensor	23046470	1			
20	Connector, 4-Way, Lockup Valve Body	23046471	1			

GROUP 33-C

Chassis Wiring Harness, Figure 33C
Electric
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, 27 Foot Manual Electric, Type I	6834075	1			
1	Wiring Harness Assembly, Chassis, 7 Foot Manual Electric, Type I	6834077	1			
1	Wiring Harness Assembly, Chassis, 20 Foot Manual Electric, Type I	6836694	1			
1	Wiring Harness Assembly, Chassis, 12 Foot Manual Electric, Type I	6885163	1			
2	Wiring Harness Assembly, Chassis, 17 Foot Manual Electric, Type III	6836602	1			
3	Wiring Harness Assembly, Chassis, 15 Foot Manual Electric, Type IV	6836600	1			
4	Wiring Harness Assembly, Chassis, 18 Foot Automatic Twin 1	6884962	1			

GROUP 33-D

Chassis Wiring Harness, Figure 33D
CEC2 One-Piece
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, One-Piece	29537703	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29537704	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29537705	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29537706	1			
1	Wiring Harness Assembly, Chassis, One-Piece	29543975	1			

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GROUP 33-D *(cont'd)*

Chassis Wiring Harness, Figure 33D
CEC2 One-Piece
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
2	Connector, 32-Way ECU	12129023	1			
3	Terminal, Socket	12084912	AR			
4	Interconnect, 32-Way	15305371 Q	1			
5	Seal, 32-Way Connector	15305333	1			
6	Strain Relief, 32-Way Connector	12191003	1			
7	Plug, Cavity	12129557	AR			
8	Retainer, CPA, 32-Way Connector	12177289	1			
9	Sleeve, Heat Shrink	23046735	1			
10	Seal, Wire	12015284	3			
11	Terminal, Pin	12089040	3			
12	Connector, 3-Way, Throttle Position Sensor	12015793	1			
13	Terminal, Pin	23046473	AR			
14	Connector, 16-Way, Main Valve Body	23046469	1			
15	Connector Assembly, 2-Way, Output Speed Sensor	29528580	1			
16	Connector, 2-Way, Output Speed Sensor	12162193	1			
17	Terminal, Socket	12103881	2			
18	Terminal, Pin	23046473	3			
19	Connector, 5-Way, Trim Boost/Lo-Lo Valve Body	23046472	1			
20	Connector Assembly, 2-Way, Turbine Speed Sensor	29528580	1			
21	Connector, 2-Way, Turbine Speed Sensor	12162193	1			
22	Terminal, Socket	12103881	2			
23	Connector, 4-Way, Lockup Valve Body	23046471	1			
24	Connector Assembly, 2-Way, Engine Speed Sensor	29528580	1			
25	Connector, 2-Way, Engine Speed Sensor	12162193	1			
26	Terminal, Socket	12103881	2			

GROUP 33-E

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537708	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537709	1			
3	Connector, 32-Way ECU	12129023	1			
4	Terminal, Socket	12084912	AR			
5	Interconnect, 32-Way	15305371 Q	1			
6	Seal, 32-Way Connector	15305333	1			
7	Strain Relief, 32-Way Connector	12191003	1			
8	Plug, Cavity	12129557	AR			
9	Retainer, CPA, 32-Way Connector	12177289	1			

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GROUP 33-E *(cont'd)*

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
10	Connector, Harness, Sectional	23046587	1			
11	Terminal, Pin	23046589	10			
12	Not Used In This Group.					
13	Wiring Harness Assembly, Chassis, Transmission End	29537710	1			
14	Connector, Harness, Sectional	23046588	1			
15	Not Used In This Group.					
16	Terminal, Pin	23046589	10			
17	Sleeve, Heat Shrink	23046735	1			
18	Seal, Wire	12015284	3			
19	Terminal, Pin	12089040	3			
20	Connector, 3-Way, Throttle Position Sensor	12015793	1			
21	Terminal, Pin	23046473	AR			
22	Connector, 16-Way, Main Valve Body	23046469	1			
23	Connector Assembly, 2-Way, Output Speed Sensor	29528580	1			
24	Connector, 2-Way, Output Speed Sensor	12162193	1			
25	Terminal, Socket	12103881	2			
26	Terminal, Pin	23046473	3			
27	Connector, 5-Way, Trim Boost/Lo-Lo Valve Body	23046472	1			
28	Connector Assembly, 2-Way, Turbine Speed Sensor	29528580	1			
29	Connector, 2-Way, Turbine Speed Sensor	12162193	1			
30	Terminal, Socket	12103881	2			
31	Connector, 4-Way, Lockup Valve Body	23046471	1			
32	Connector Assembly, 2-Way, Engine Speed Sensor	29528580	1			
33	Connector, 2-Way, Engine Speed Sensor	12162193	1			
34	Terminal, Socket	12103881	2			

GROUP 33-F

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29538032 **	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29538035	1			
17–20	Not Used In This Group.					

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GROUP 33-G

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29538433	1			
2	Wiring Harness Assembly, Chassis, ECU End	29538434	1			
10	Connector, Harness, Sectional	29538430 †††	1			
11	Plug, Cavity	29538431 †††	10			
12	Terminal, Socket	23016502	29			
13	Wiring Harness Assembly, Chassis, Transmission End	29538435	1			
14	Connector, Harness, Sectional	29538432 †††	1			
15	Terminal, Pin	23018768	29			
16	Plug, Cavity	29538431 †††	10			

GROUP 33-H

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

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REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537711	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537712	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537713	1			

GROUP 33-J

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537714	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537715	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537716	1			

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GROUP 33-K

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537717	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537718	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537719	1			

GROUP 33-L

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537720	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537721	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537722	1			

GROUP 33-M

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537723	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537718	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537724	1			

GROUP 33-N

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537974	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537718	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537975	1			

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GROUP 33-P

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29537976	1			
2	Wiring Harness Assembly, Chassis, ECU End	29537977	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29537978	1			

GROUP 33-Q

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29538031	1			
2	Wiring Harness Assembly, Chassis, ECU End	29538033	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29538034	1			

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GROUP 33-R

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29539661	1			
2	Wiring Harness Assembly, Chassis, ECU End	29539662	1			
10	Connector, Harness, Sectional	29538430 †††	1			
11	Plug, Cavity	29538431 †††	10			
12	Terminal, Socket	23016502	29			
13	Wiring Harness Assembly, Chassis, Transmission End	29539663	1			
14	Connector, Harness, Sectional	29538432 †††	1			
15	Terminal, Pin	23018768	29			
16	Plug, Cavity	29538431 †††	10			

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GROUP 33-S

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29543293	1			
2	Wiring Harness Assembly, Chassis, ECU End	29538434	1			
10	Connector, Harness, Sectional	29538430 †††	1			
11	Plug, Cavity	29538431 †††	10			
12	Terminal, Socket	23016502	29			
13	Wiring Harness Assembly, Chassis, Transmission End	29543294	1			
14	Connector, Harness, Sectional	29538432 †††	1			
15	Terminal, Pin	23018768	29			
16	Plug, Cavity	29538431 †††	10			

GROUP 33-T

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29544176	1			
2	Wiring Harness Assembly, Chassis, ECU End	29544174	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29544175	1			

GROUP 33-U

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29544242	1			
2	Wiring Harness Assembly, Chassis, ECU End	29544240	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29544241	1			

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GROUP 33-V

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29544070	1			
2	Wiring Harness Assembly, Chassis, ECU End	29544174	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29544069	1			

GROUP 33-W

Chassis Wiring Harness, Figure 33E
CEC2 Sectional
See Section 34 Chassis Wiring Harness Specifications
Same As Group E, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Chassis, Sectional	29545291	1			
2	Wiring Harness Assembly, Chassis, ECU End	29545292	1			
13	Wiring Harness Assembly, Chassis, Transmission End	29538033	1			

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GROUP 33-X

Chassis Wiring Harness, Figure 33F
CEC3 Sectional, Transmission With Bulkhead
See Section 34 Chassis Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness, Transmission With Bulkhead	29546988	1			
2	Nut, Panel	29550073	1			
3	Connector, 31-Way Receptacle	29549654	1			
4	Plug, Cavity	29511371	AR			
5	Terminal, Pin	29550075	24			
6	Grommet, Backshell	29550077	1			
7	Housing, Backshell	29550079	1			
8	Follower, Backshell	29550078	1			
9	Connector, 16-Way, Main Solenoid Harness	23046469	1			
10	Terminal, Pin	23046473	AR			
11	Not Used In This Group					
12	Connector, Output Speed Sensor	29528580	1			
13	Connector, Trim Boost	23046472	1			
14	Terminal, Pin	23046473	AR			
15	Connector, Temperature Sensor And Lockup Solenoid	23046471	1			
16	Connector, Turbine Speed Sensor	29528580	1			
17	Connector, Engine Speed Sensor	29528580	1			
18	Not Used In This Group.					

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GROUP 33-Y

Chassis Wiring Harness, Figure 33F
CEC3 Sectional, Transmission With Direct Mount Filter
See Section 34 Chassis Wiring Harness Specifications
Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness, Transmission With Direct Mount Filter	29547647	1			
11	Connector, Delta P Switch	NPN *	1			
18	Connector, Oil Level Sensor	NPN *	1			

GROUP 33-Z

Chassis Wiring Harness, Figure 33F
CEC3 Sectional, Transmission With Remote Mount Filter
See Section 34 Chassis Wiring Harness Specifications
Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness, Transmission With Remote Mount Filter	29547707	1			
11	Connector, Delta P Switch	NPN *	1			
18	Connector, Oil Level Sensor	NPN *	1			

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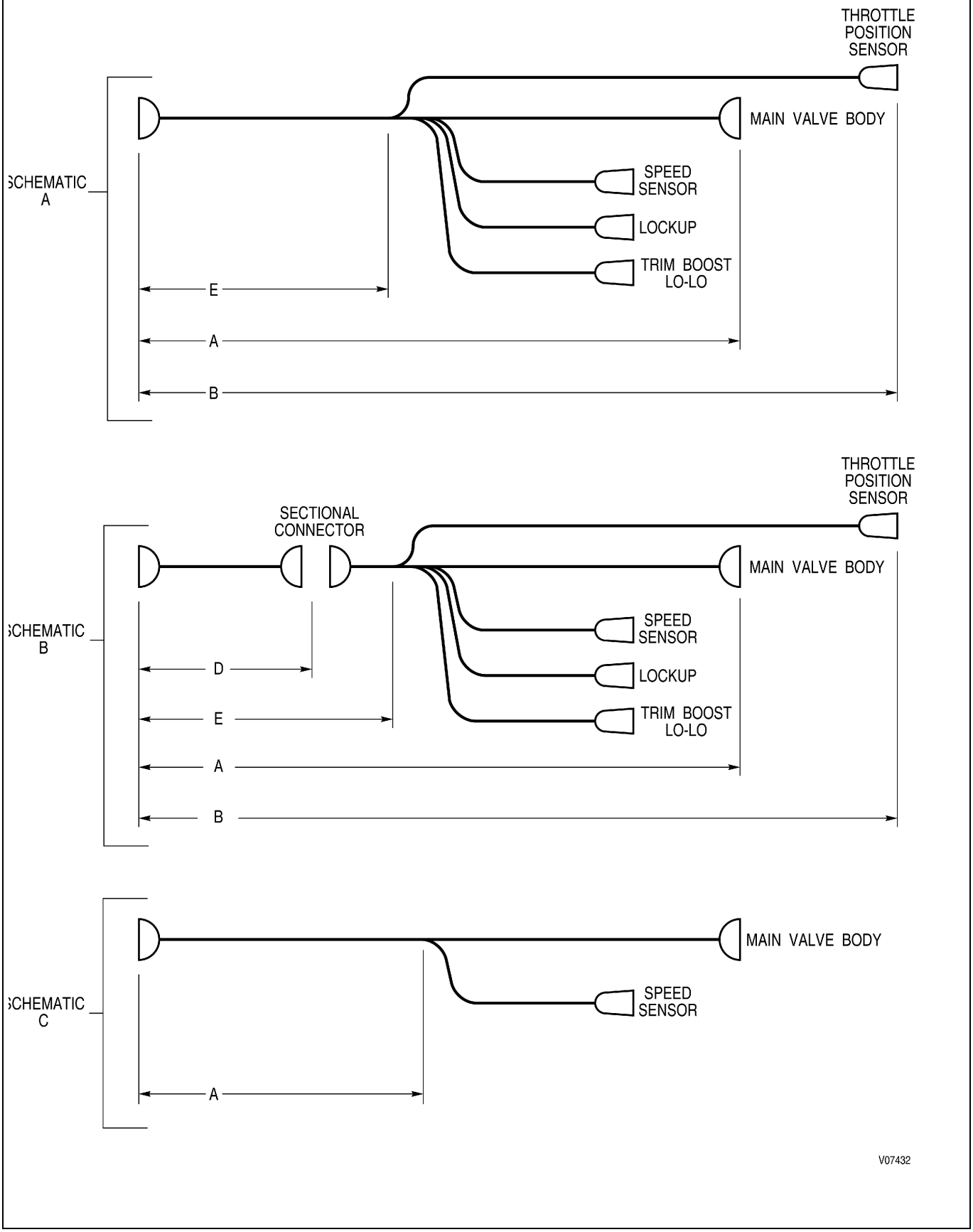


Figure 34. Chassis Wiring Harness Specifications *(1 of 3)*

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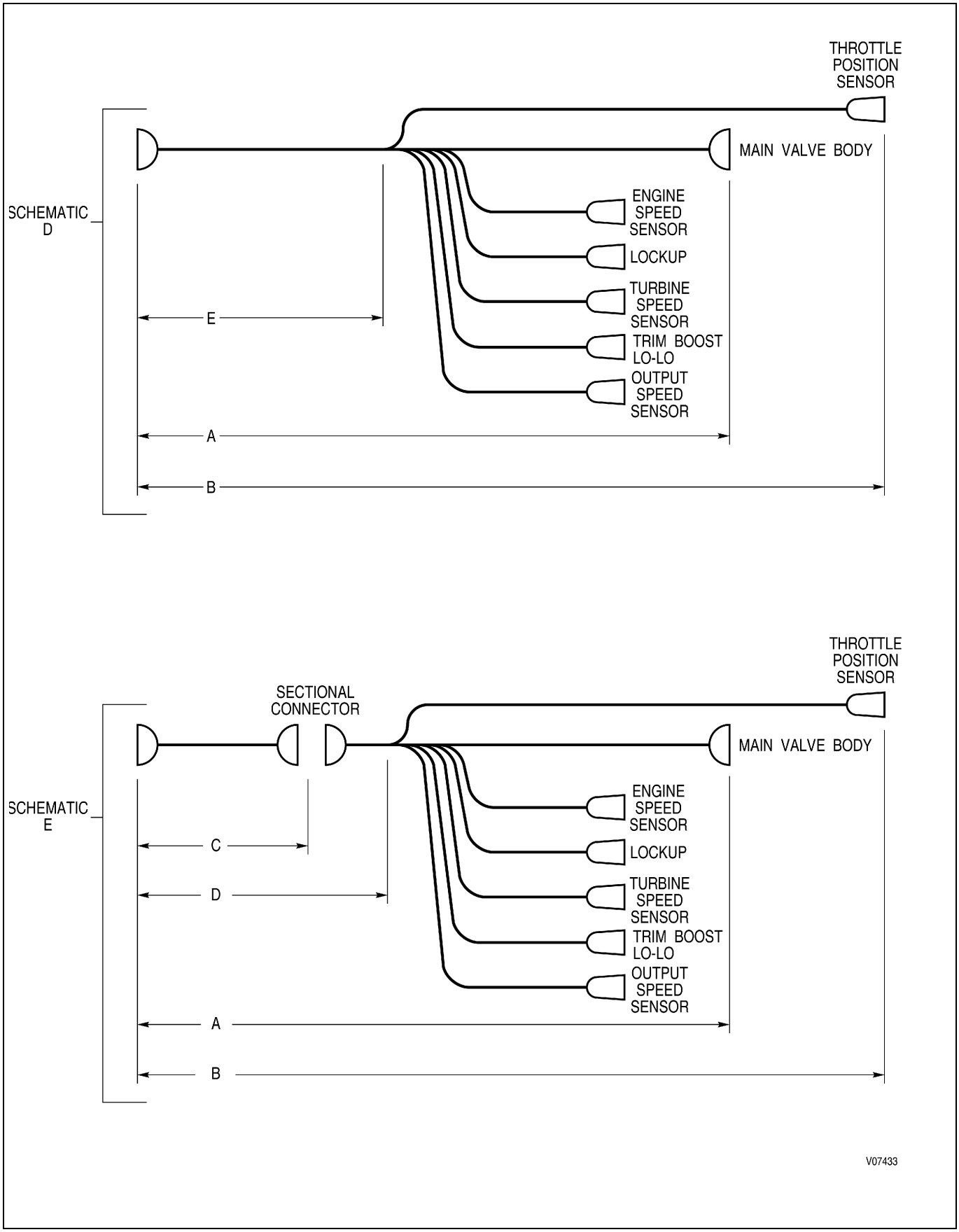


Figure 34. Chassis Wiring Harness Specifications *(2 of 3)*

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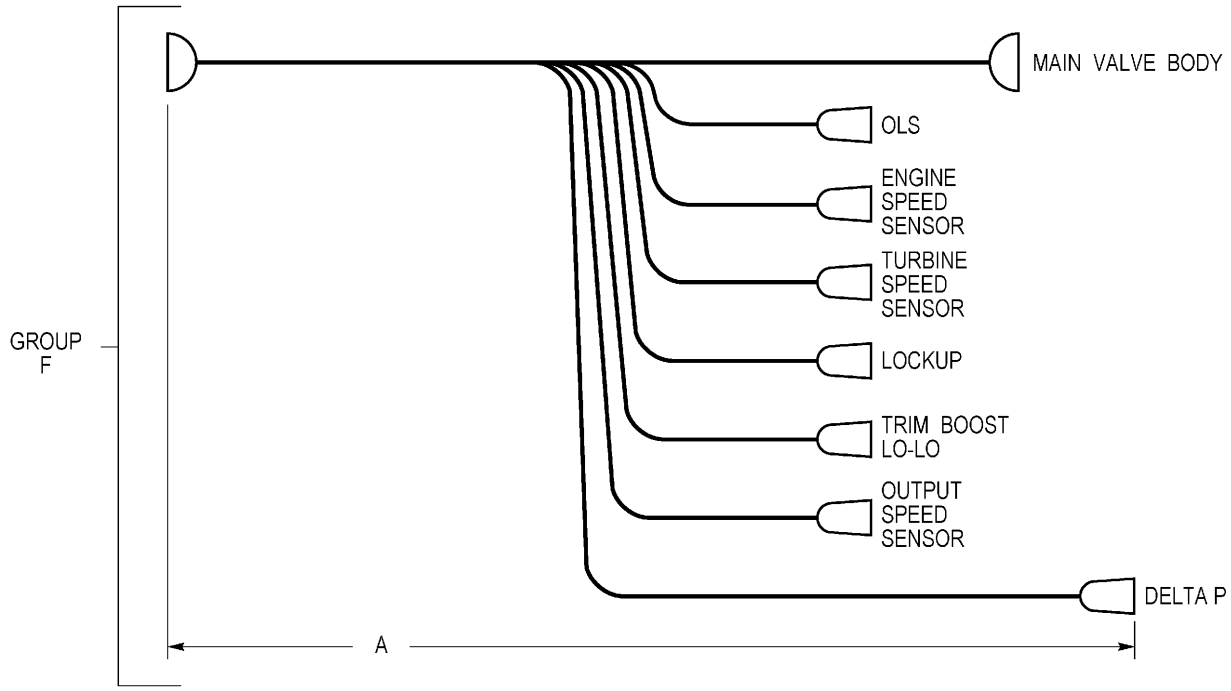


Figure 34. Chassis Wiring Harness Specifications *(3 of 3)*

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NOTES

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GROUP 34-A

Chassis Wiring Harness Specifications, Figure 34
CEC1 One-Piece
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	B	E
29516202	370.0	540.0	360.0
29516203	370.0	200.0	12.0
29516204	200.0	100.0	12.0
29516205	226.0	142.0	79.0

GROUP 34-B

Chassis Wiring Harness Specifications, Figure 34
CEC1 Sectional
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	B	C	D
23041989	780.0	950.0	600.0	770.0
29509511	780.0	672.0	600.0	612.0
29533227	460.0	156.0	140.0	146.0

GROUP 34-C

Chassis Wiring Harness Specifications, Figure 34
Electric
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Feet

P/N	A
6834075	27
6834077	7
6836600	15
6836602	17
6836694	20
6884962	18
6885163	12

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GROUP 34-D

Chassis Wiring Harness Specifications, Figure 34
CEC2 One-Piece
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	B	E
29537703	370.0	540.0	360.0
29537704	370.0	106.0	12.0
29537705	200.0	100.0	12.0
29537706	370.0	168.0	12.0
29543975	418.0	—	—

GROUP 34-E

Chassis Wiring Harness Specifications, Figure 34
CEC2 Sectional
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	B	C	D
29537708	735.0	905.0	600.0	725.0
29537711	780.0	950.0	600.0	600.0
29537714	780.0	60.0	600.0	12.0
29537717	168.0	72.0	12.0	27.0
29537720	460.0	10.0	140.0	6.0
29537723	200.0	100.0	12.0	20.0
29537974	370.0	170.0	12.0	30.0
29537976	390.0	170.0	48.0	12.0
29538031	290.0	115.0	64.0	24.0
29538032	290.0	—	64.0	—
29538433	290.0	—	64.0	—
29539661	130.0	160.0	28.0	52.0
29543293	330.0	—	64.0	—
29544070	213.0	69.0	16.0	55.0
29544176	310.0	165.0	16.0	55.0
29544242	290.0	460.0	132.0	280.0
29545291	370.0	—	64.0	—

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GROUP 34-F

Chassis Wiring Harness Specifications, Figure 34
CEC3 Sectional
See Section 33 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	G
29546988	—	—
29547643	54–56	38–40
29547707	54–56	120–124

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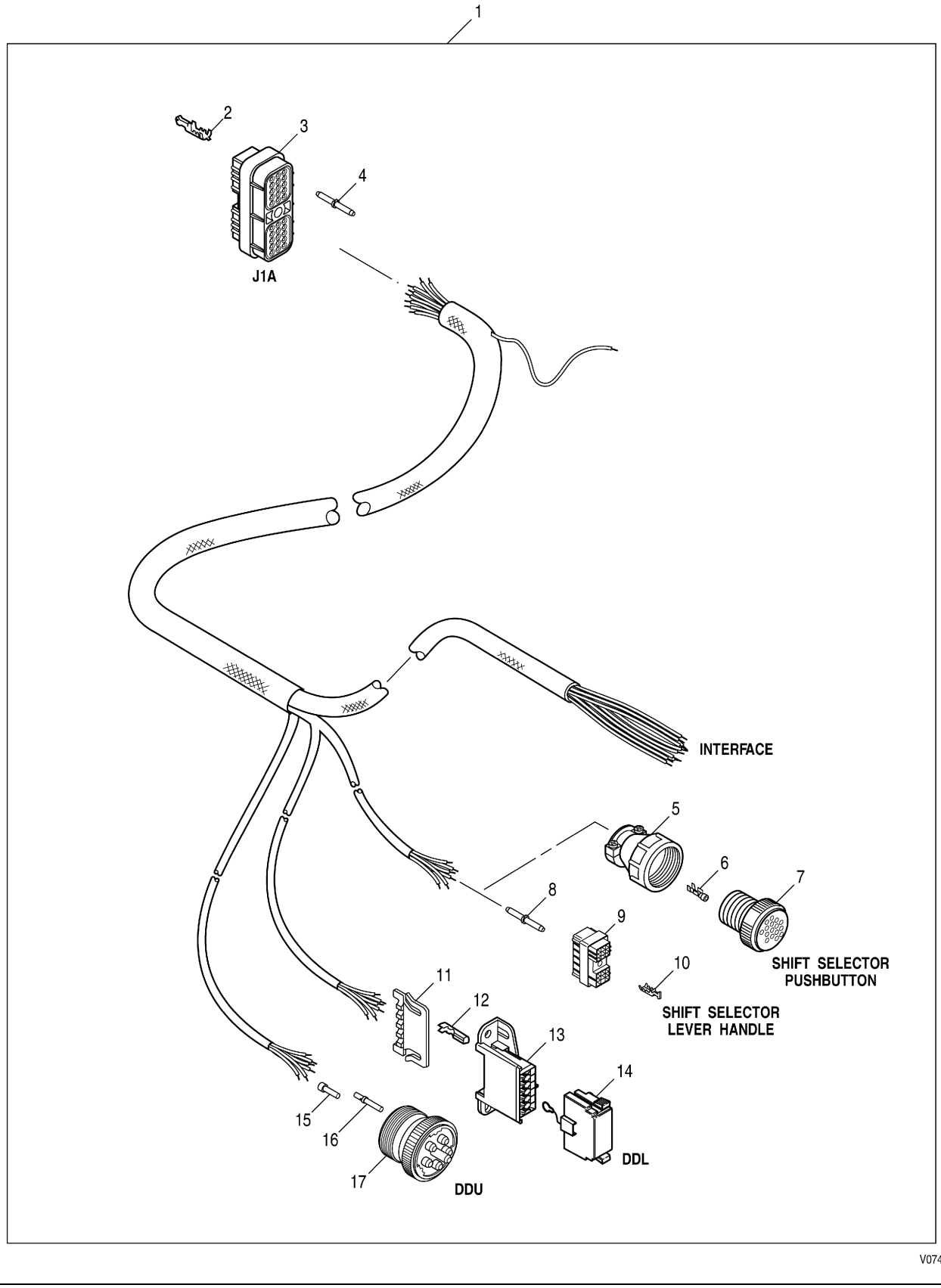


Figure 35A. Cab Wiring Harness *(CEC1)*

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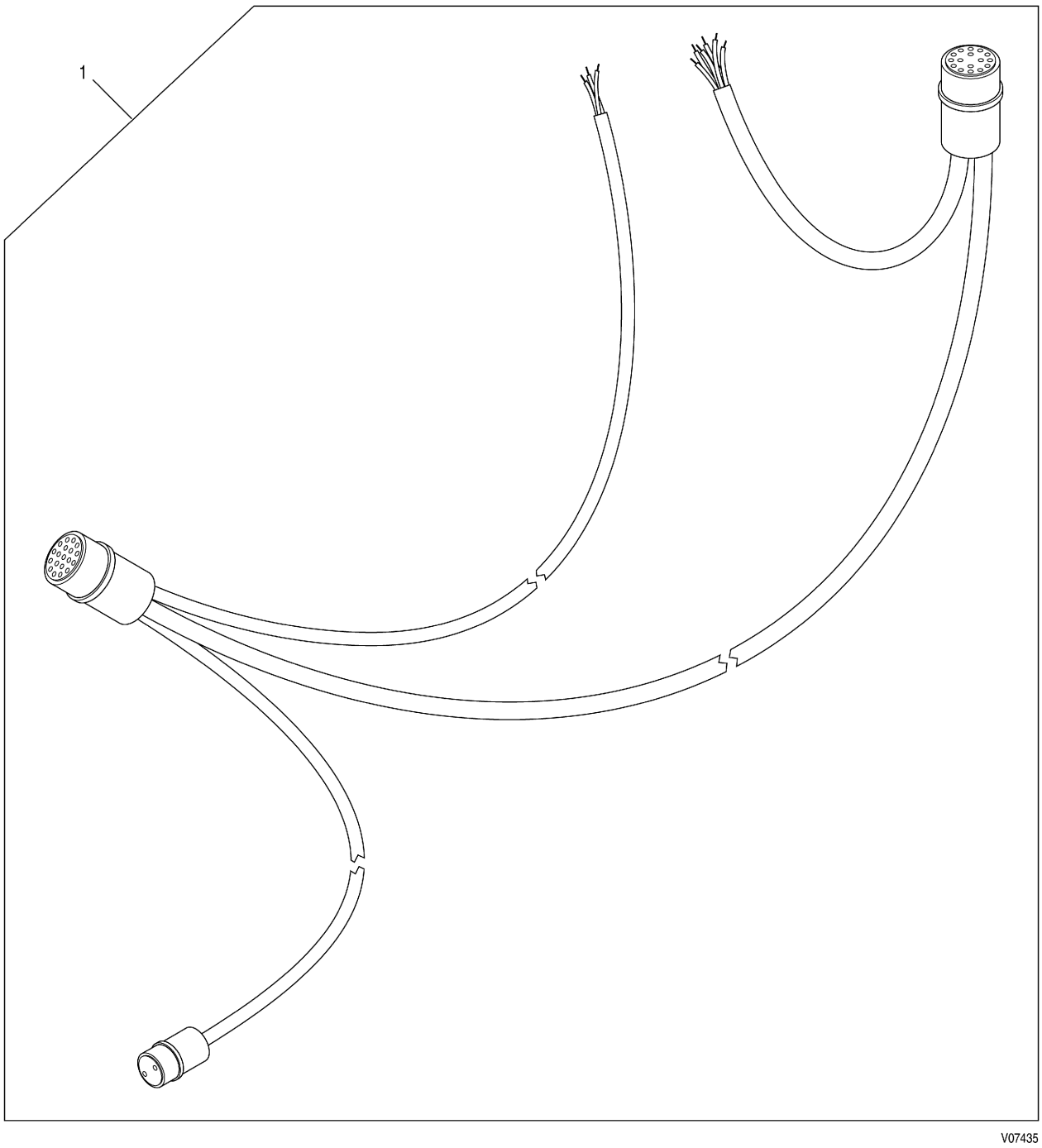


Figure 35B. Cab Wiring Harness *(Electric)*

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GROUP 35-A

Cab Wiring Harness, Figure 35A
CEC1 Lever Selector, Without DDU
See Section 36 Cab Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Cab, Lever Selector	23045904	1			
1	Wiring Harness Assembly, Cab, Lever Selector	29533972	1			
2	Terminal, Socket	12047680	24			
3	Connector, 30-Way J1A, ECU	12034404	1			
4	Plug, Cavity	12034413	6			
5–7	Not Used In This Group.					
8	Plug, Cavity	12034413	4			
9	Connector, 18-Way, Lever Selector	12040921	1			
10	Terminal, Socket	12047680	14			
11	Lock, Secondary	12020219	2			
12	Terminal, Socket	12034046	4			
13	Connector, 12-Way, DDL	12048105	1			
14	Dust Cover Assembly	12048107	1			
15–17	Not Used In This Group.					

GROUP 35-B

Cab Wiring Harness, Figure 35A
CEC1 Lever Selector, With DDU
See Section 36 Cab Wiring Harness Specifications

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Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness, Cab, Lever Selector	23047266	1			
1	Wiring Harness, Cab, Lever Selector	23047279	1			
1	Wiring Harness, Cab, Lever Selector	23047280	1			
1	Wiring Harness, Cab, Lever Selector	23048852 *	1			
15	Plug, Cavity	23016504	1			
16	Terminal, Socket	23016502	5			
17	Connector, 6-Way, DDU	23048225	1			

GROUP 35-C

Cab Wiring Harness, Figure 35A
CEC1 Pushbutton Selector, Without DDU
See Section 36 Cab Wiring Harness Specifications

Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Cab, Pushbutton Selector	23047155	1			
1	Wiring Harness Assembly, Cab, Pushbutton Selector	23047344	1			

(continued on next page)

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GROUP 35-C *(cont'd)*

Cab Wiring Harness, Figure 35A
CEC1 Pushbutton Selector, Without DDU
See Section 36 Cab Wiring Harness Specifications
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Clamp, Cable	23016490	1			
6	Terminal, Socket	23015204	15			
7	Connector, 16-Way, Pushbutton Selector	23016193	1			
8–10	Not Used In This Group.					

GROUP 35-D

Cab Wiring Harness, Figure 35A
CEC1 Pushbutton Selector, With DDU
See Section 36 Cab Wiring Harness Specifications
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Cab, Pushbutton Selector	29503257	1			
1	Wiring Harness Assembly, Cab, Pushbutton Selector	29509460 ***	1			
5	Clamp, Cable	23016490	1			
6	Terminal, Socket	23015204	15			
7	Connector, 16-Way, Pushbutton Selector	23016193	1			
8–10	Not Used In This Group.					
15	Plug, Cavity	23016504	1			
16	Terminal, Socket	23016502	5			
17	Connector, 6-Way, DDU	23048225	1			

GROUP 35-E

Cab Wiring Harness, Figure 35B
Electric
See Section 36 Cab Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Cab	29507791	1			

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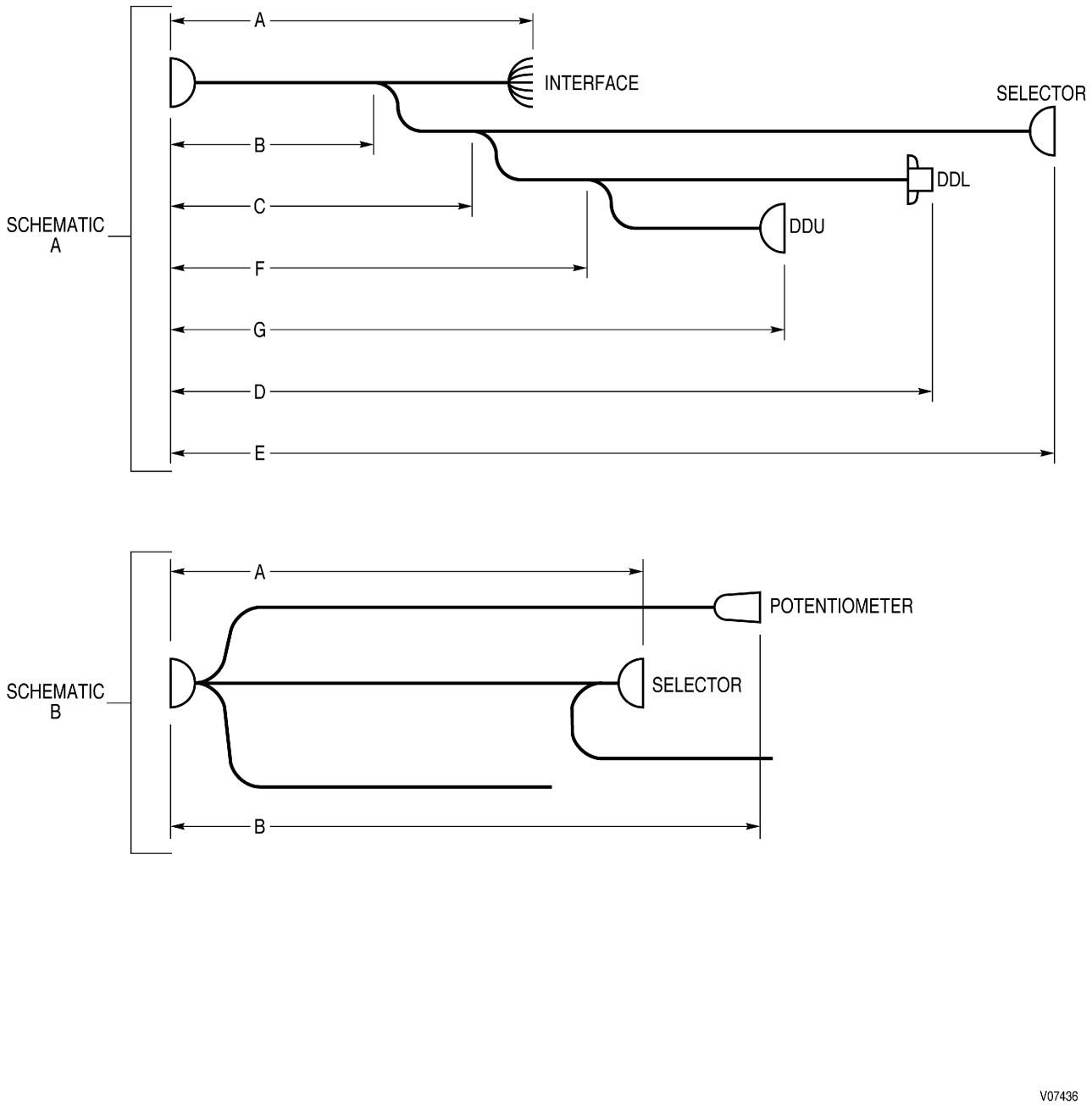


Figure 36. Cab Wiring Harness Specifications

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GROUP 36-A

Cab Wiring Harness Specifications, Figure 36
Schematic A, CEC1
See Section 35 For Chassis Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A	B	C	D	E	F	G
23045904	75.0	20.0	58.0	78.0	72.0	—	—
23047155	75.0	20.0	50.0	78.0	72.0	—	—
23047266	75.0	20.0	58.0	78.0	72.0	58.0	180.0
23047279	75.0	20.0	20.0	33.0	30.0	20.0	180.0
23047280	75.0	20.0	20.0	26.0	84.0	20.0	180.0
23047344	30.0	22.0	128.0	166.0	166.0	—	—
23048852	75.0	20.0	20.0	26.0	84.0	20.0	180.0
29503257	75.0	20.0	20.0	26.0	84.0	20.0	180.0
29509460	75.0	20.0	58.0	78.0	96.0	58.0	180.0
29533972	76.0	21.0	130.0	191.0	163.0	—	—

GROUP 36-B

Cab Wiring Harness Specifications, Figure 36
Schematic B Electric
See Section 35 For Cab Wiring Harness Details

NOTE: All Dimensions Are In Feet

P/N	A	B
29507791	6	12

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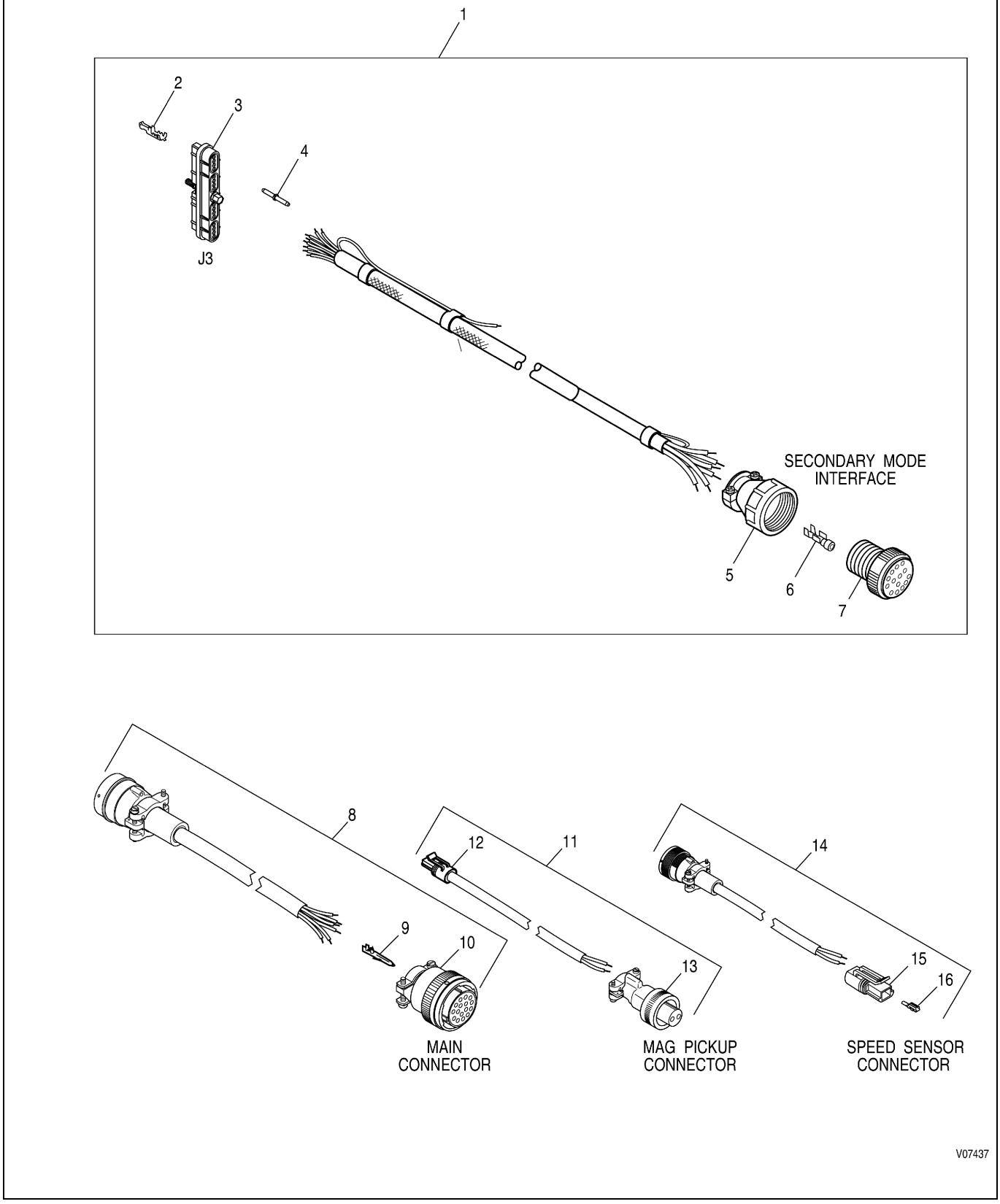


Figure 37. Auxiliary Wiring Harness *(CEC)*

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GROUP 37-A

Auxiliary Wiring Harness, Figure 37
CEC Secondary Wiring Harness
See Section 38 Auxiliary Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Secondary Mode	23047275	1			
1	Wiring Harness Assembly, Secondary Mode	23047276	1			
2	Terminal, Socket	12047680	10			
3	Connector, 16-Way J3, ECU	12034390	1			
4	Plug, Cavity	12034413	6			
5	Clamp, Cable	23016490	1			
6	Terminal, Pin	23015205	10			
7	Connector, 14-Way, Vehicle Interface	23015142	1			
8–16	Not Used In This Group.					

GROUP 37-B

Auxiliary Wiring Harness, Figure 37
CEC Secondary Wiring Harness
See Section 38 Auxiliary Wiring Harness Specifications
Same As Group A, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Wiring Harness Assembly, Secondary Mode	23047278	1			
5–16	Not Used In This Group.					

GROUP 37-C

Auxiliary Wiring Harness, Figure 37
Adapter, CEC1 Harness To CEC2 Main Control Valve
See Section 38 Auxiliary Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–7	Not Used In This Group.					
8	Adapter, Main Harness	29537242	1			
8	Adapter, Main Harness	29537606	1			
9	Terminal, Pin	23046473	AR			
10	Connector, 16-Way, Main Valve Body	23046469	1			
11–16	Not Used In This Group.					

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GROUP 37-D

Auxiliary Wiring Harness, Figure 37
Jumper, CEC2 Wiring Harness To CEC1 Speed Sensor
See Section 38 Auxiliary Wiring Harness Specifications

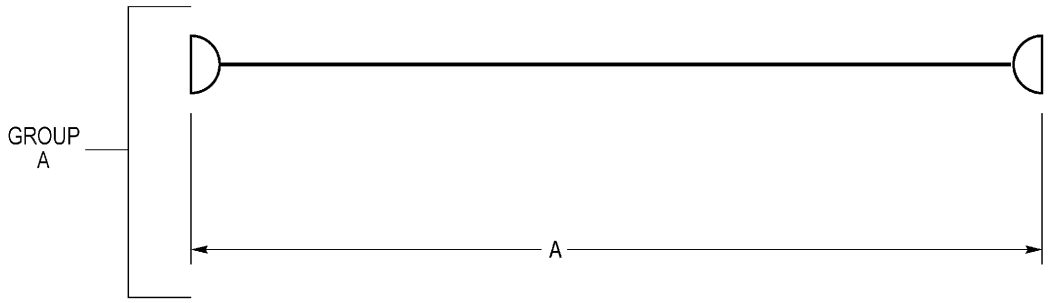
REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–10	Not Used In This Group.					
11	Jumper, Speed Sensor	29537607	1			
12	Connector, Speed Sensor	12066016	1			
13	Connector, Speed Sensor	23046470	1			
14–16	Not Used In This Group.					

GROUP 37-E

Auxiliary Wiring Harness, Figure 37
Jumper, CEC1 Wiring Harness To CEC2 Speed Sensor
See Section 38 Auxiliary Wiring Harness Specifications

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1–13	Not Used In This Group.					
14	Jumper, Speed Sensor	29537392	1			
15	Connector, 2-Way, Speed Sensor	12162193	1			
16	Terminal, Socket	12103881	2			

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Figure 38. Auxiliary Wiring Harness Specifications

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NOTES

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GROUP 38-A

Auxiliary Wiring Harness Specifications, Figure 38
Figure 38, Schematic A, CEC
See Section 37 For Auxilary Wiring Harness Details

NOTE: All Dimensions Are In Approximate Inches — To Convert To Centimeters, Multiply Inches By 2.54

P/N	A
23047275	24.0
23047276	48.0
23047278	60.0
29537242	11.5
29537392	12.0
29537606	15.0
29537607	12.0

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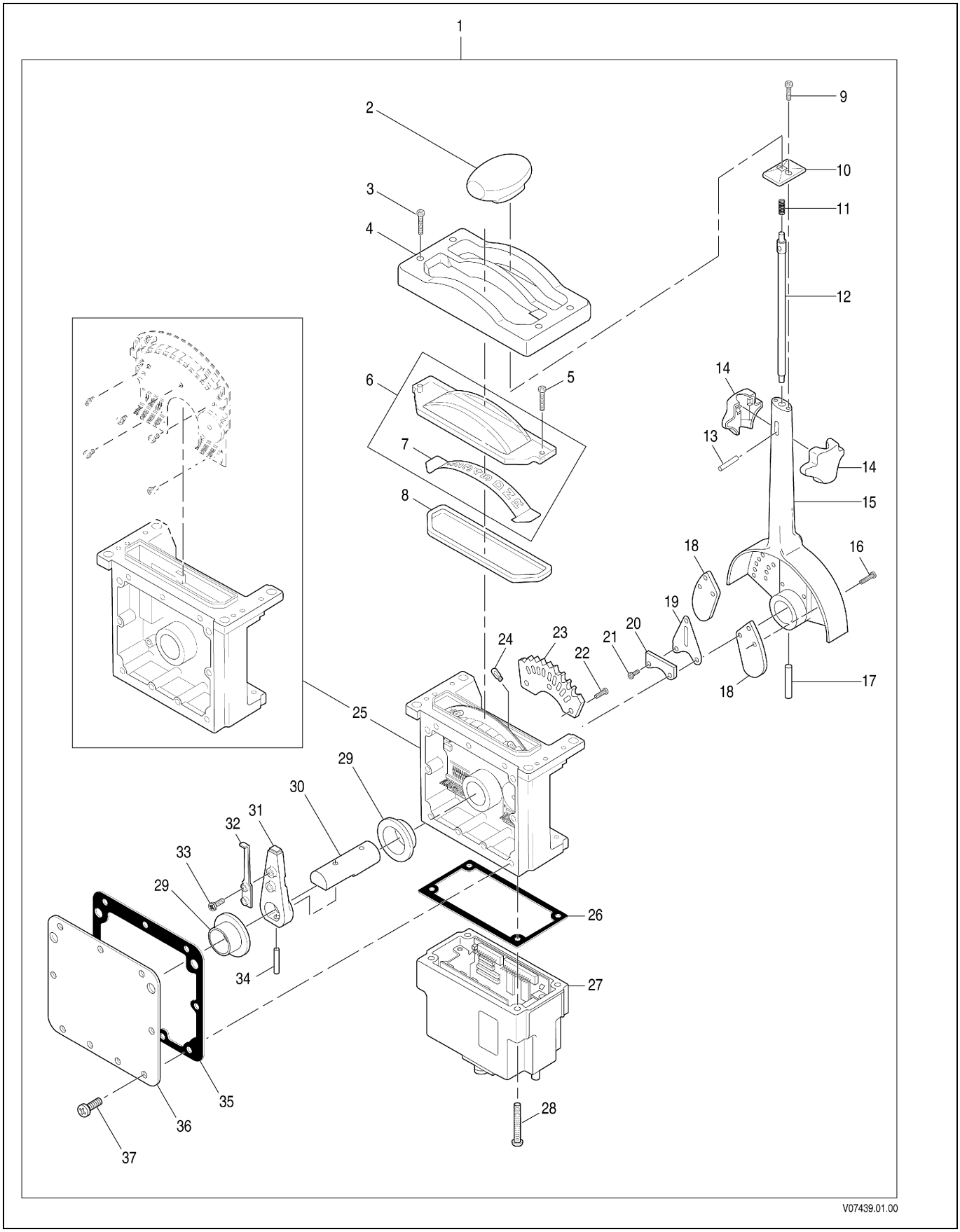


Figure 39A. Shift Selector *(CEC1 Lever)*

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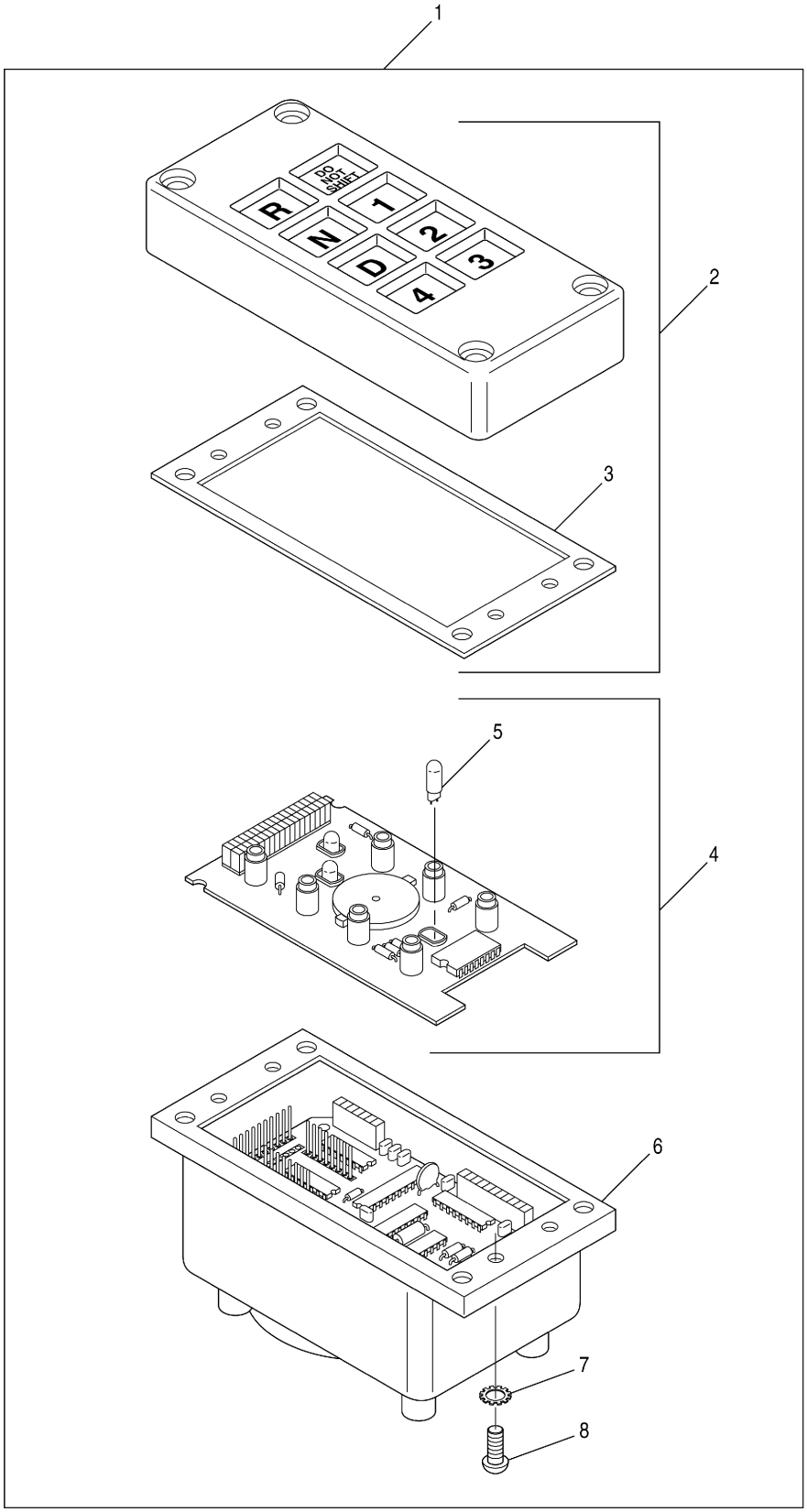


Figure 39B. Shift Selector *(CEC1 Pushbutton)*

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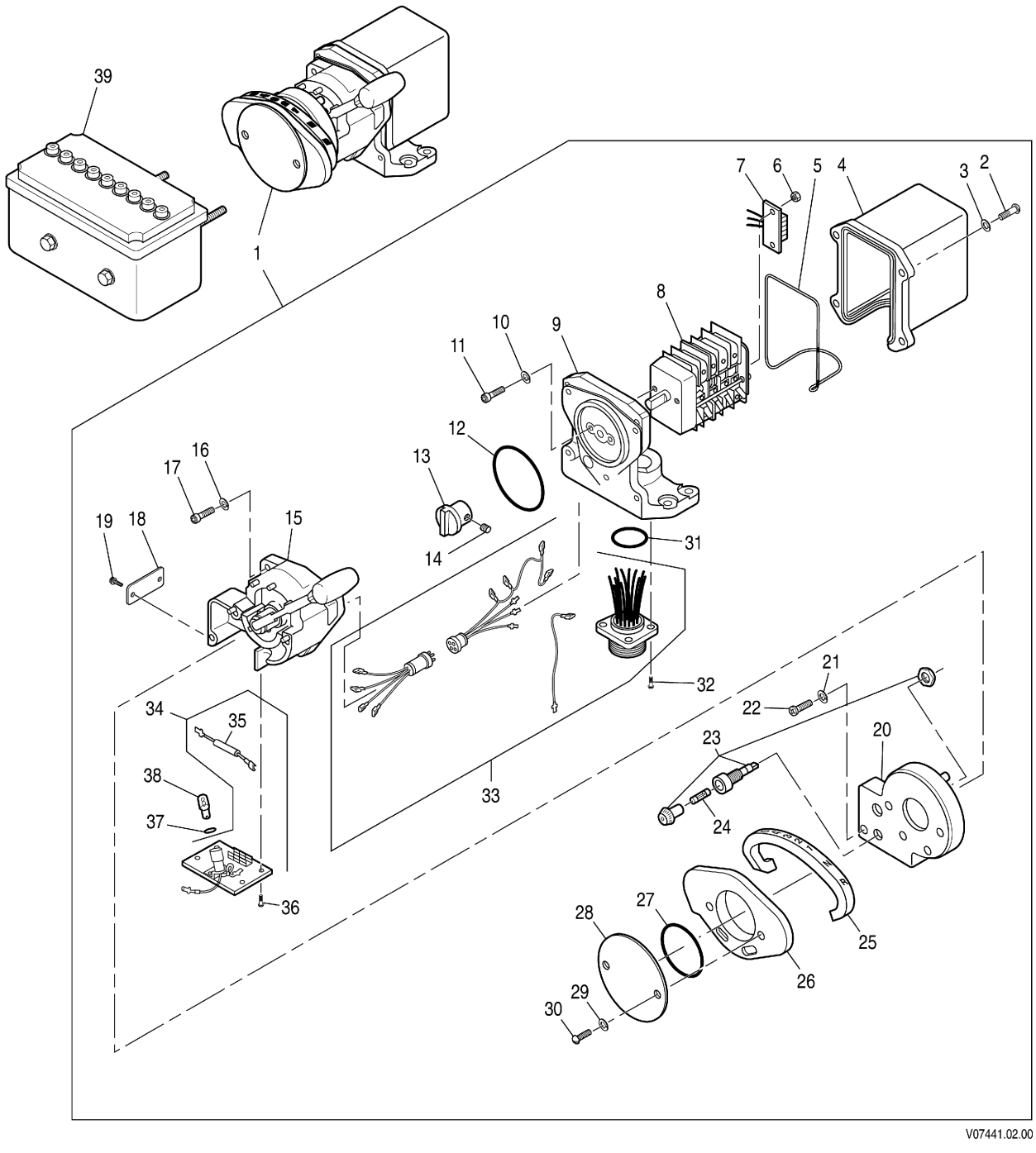


Figure 39C. Shift Selector *(Automatic Electric)*

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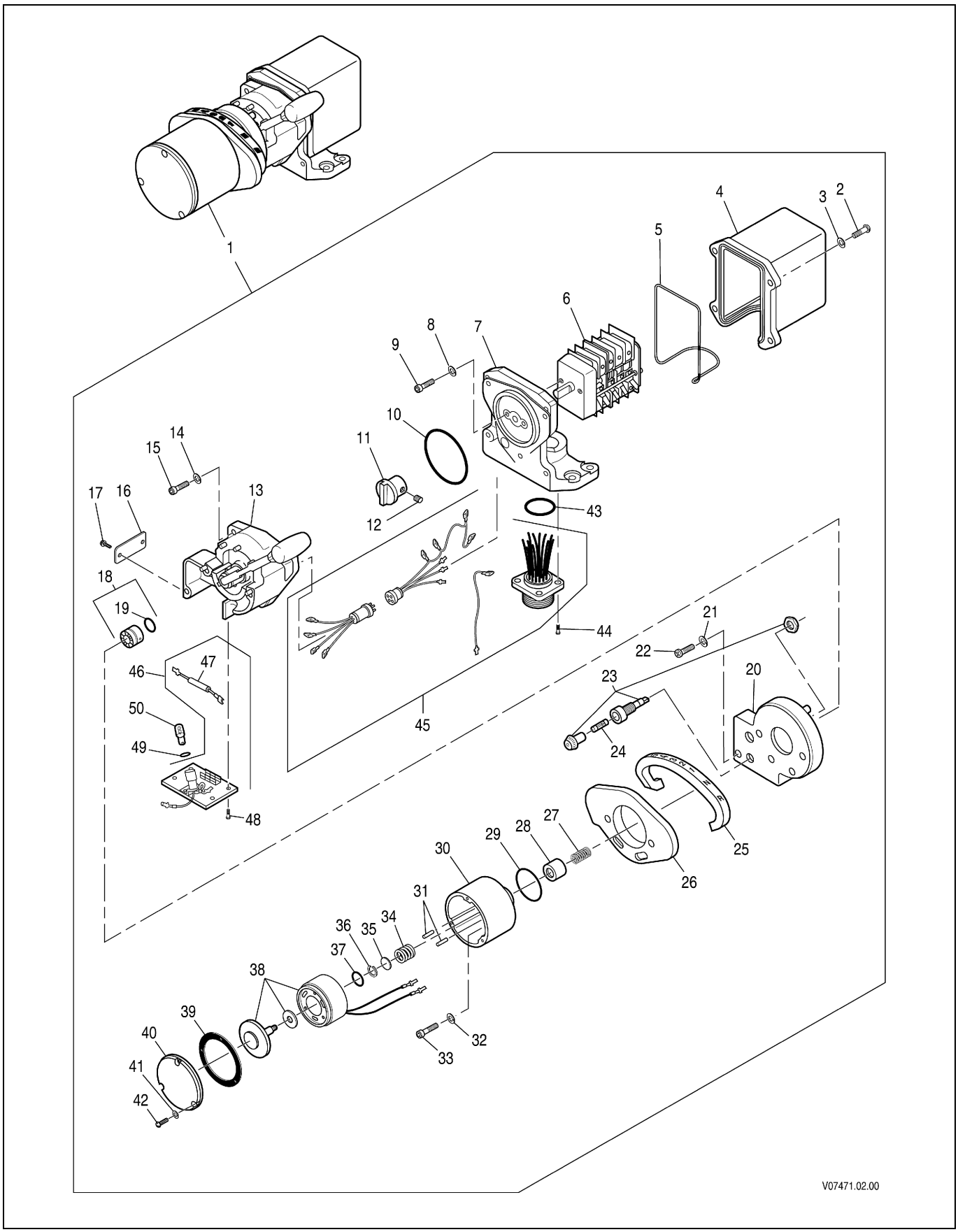


Figure 39D. Shift Selector *(Manual Electric)*

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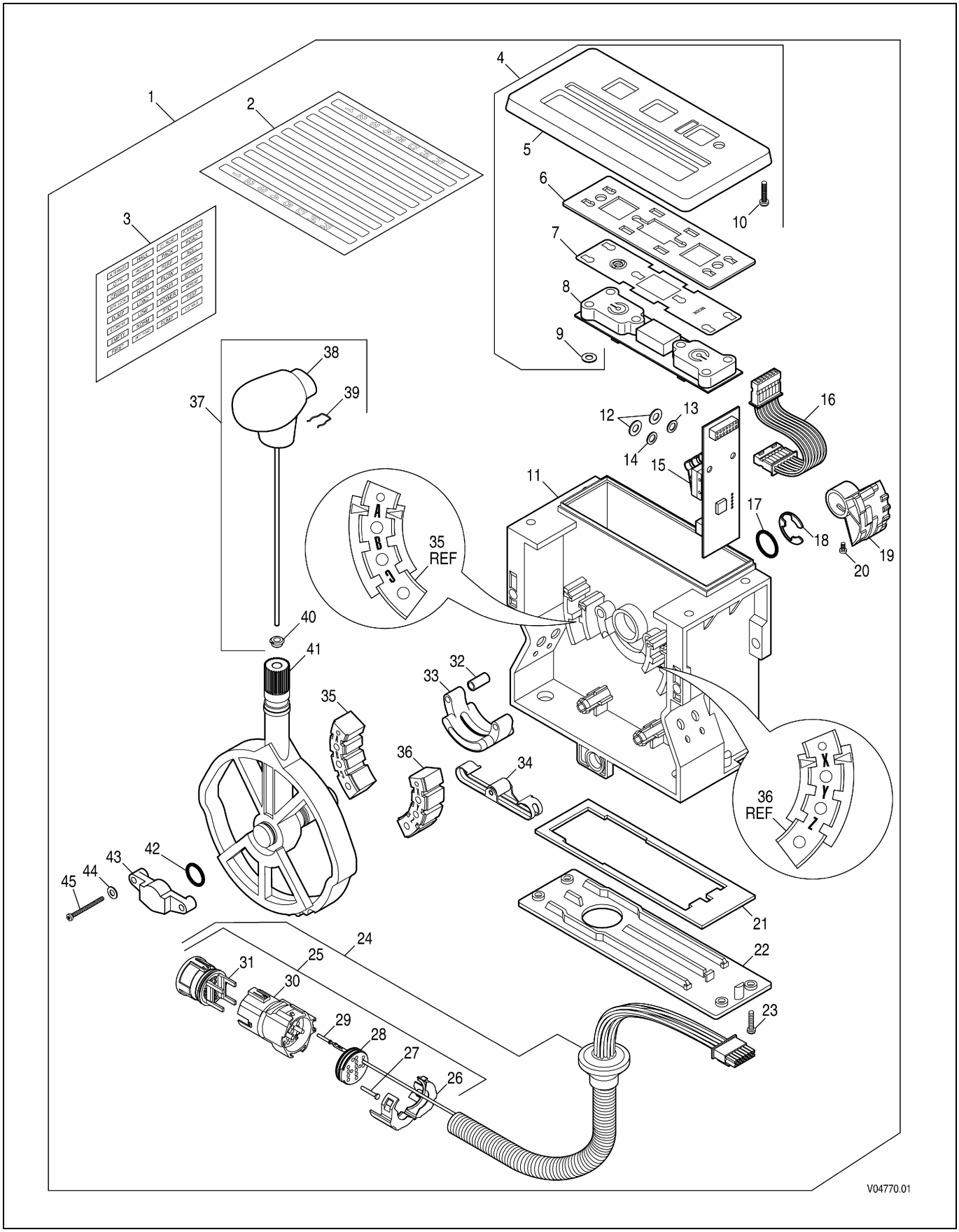


Figure 39E. Shift Selector *(CEC2 Lever)*

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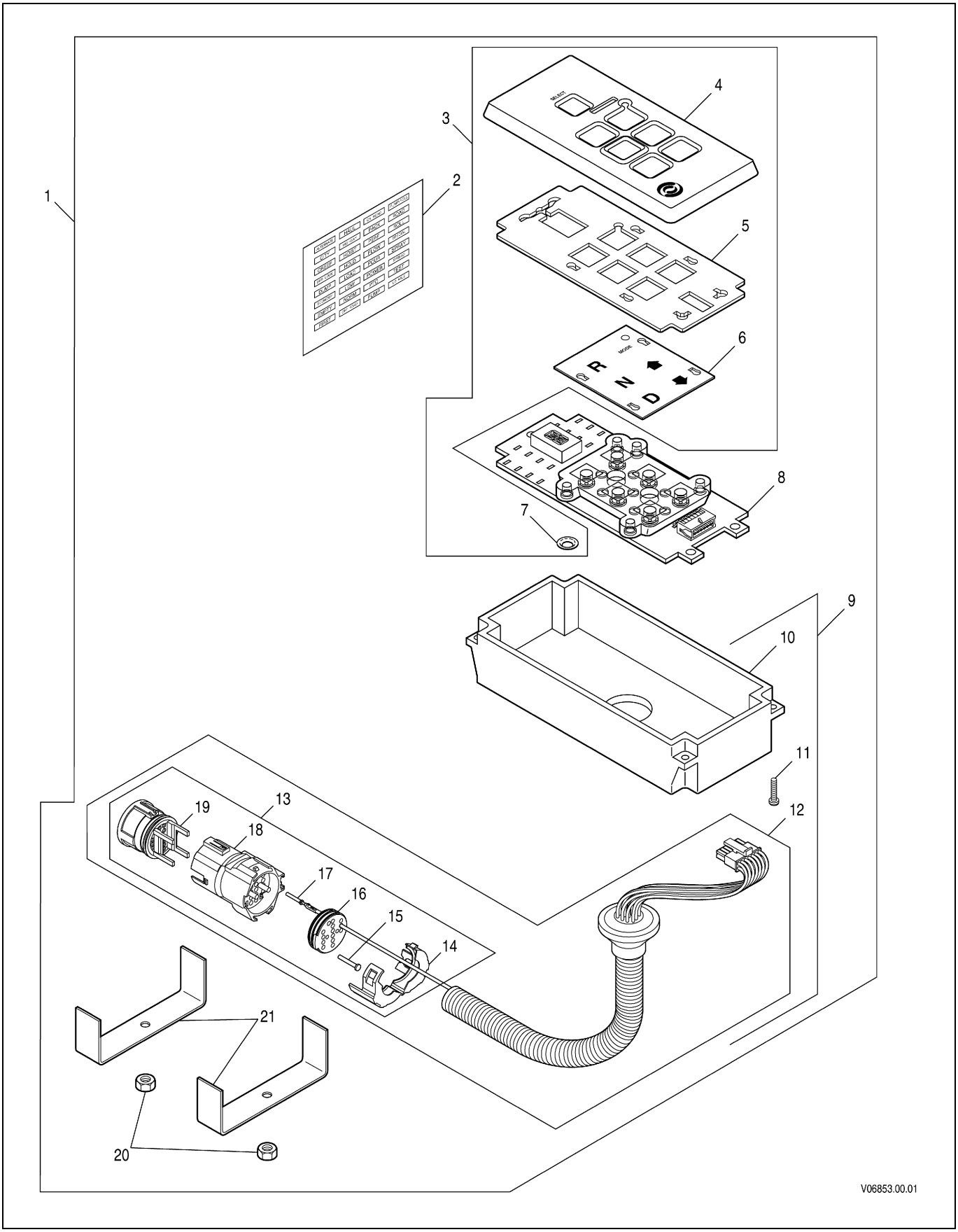


Figure 39F. Shift Selector *(CEC2 Pushbutton)*

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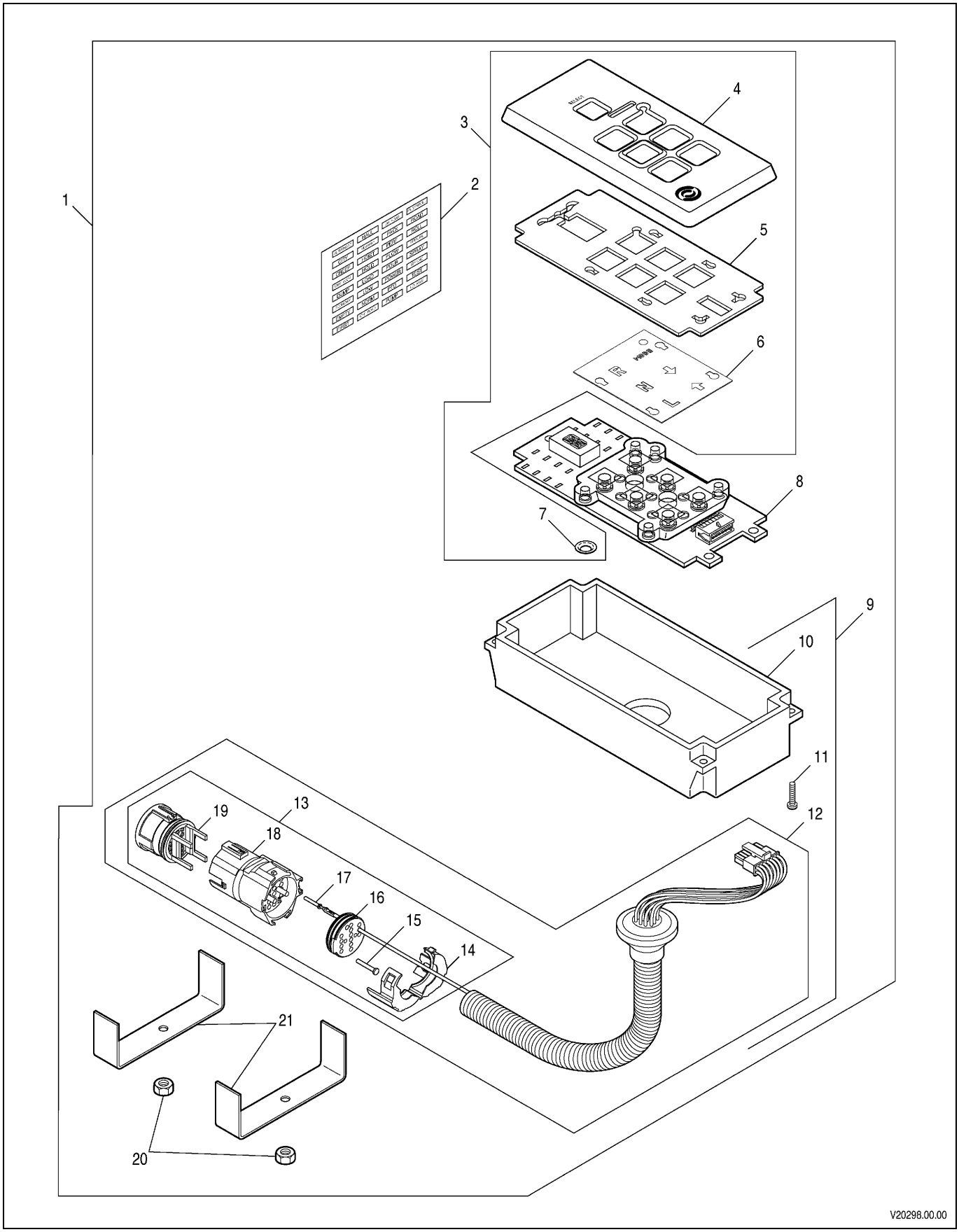
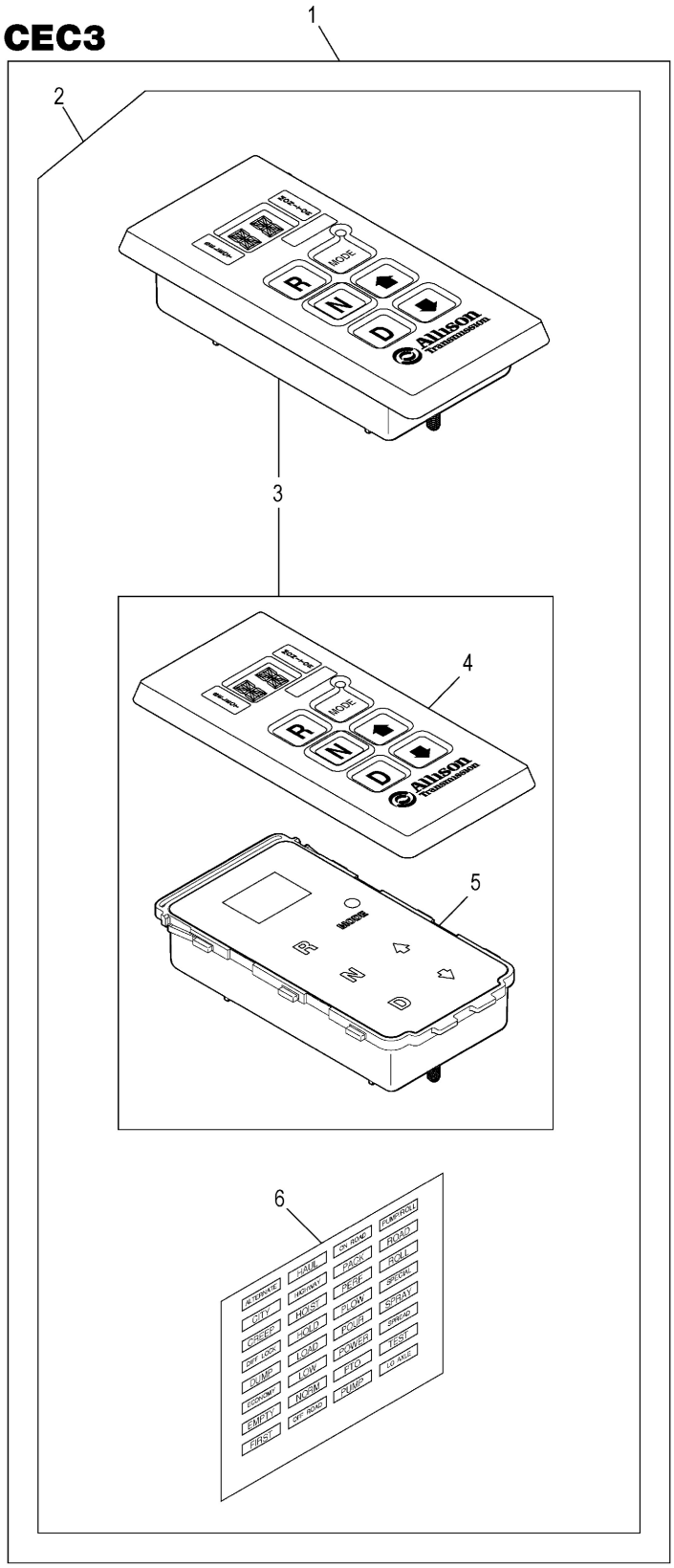


Figure 39G. Shift Selector *(CEC2 Pushbutton)*

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Figure 39H. Shift Selector *(CEC3 Pushbutton)*

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CEC3

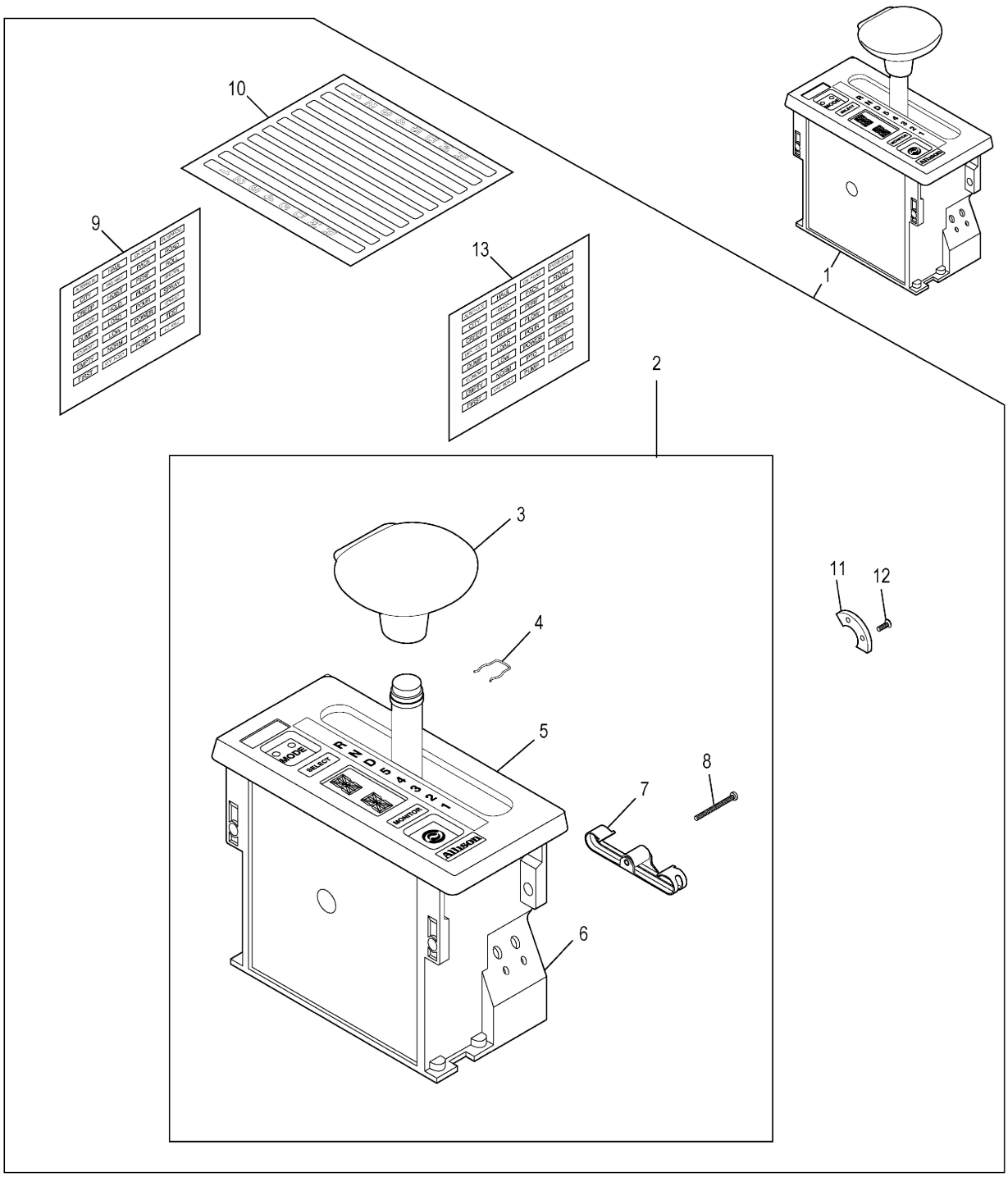


Figure 39J. Shift Selector *(CEC3 Lever)*

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GROUP 39-A

Shift Selector, Figure 39A
CEC1 Lever

NOTE: See SIL 14-TR-88 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern RND54321, Front-To-Rear.	23046565	1			
1	Shift Selector Assembly, Lever. Shift Pattern D54321NR, Front-To-Rear.	23046687	1			
1	Shift Selector Assembly, Lever. Shift Pattern 12345DNR, Front-To-Rear.	23046688	1			
1	Shift Selector Assembly, Lever. Shift Pattern R2R1ND54321, Front-To-Rear.	29516450	1			
1	Shift Selector Assembly, Lever. Shift Pattern 12345DNR1R2, Front-To-Rear.	29516451	1			
1	Shift Selector Assembly, Lever. Shift Pattern D54321NR1R2, Front-To-Rear.	29519856	1			
2	Cover, Shift Rod	23046005	1			
3	Screw, Pan Head Patchlock, No. 6-32 x 5/8 inch	23045990	4			
4	Bezel	23045996	1			
5	Screw, Pan Head Patchlock, No. 6-32 x 1/2 inch	23045986	2			
6	Cover Assembly. Shift Pattern RND54321, Front-To-Rear.	23046487	1			
7	Legend Strip. Shift Pattern RND54321, Front-To-Rear.	23046486 *	1			
6	Cover Assembly. Shift Pattern D54321NR, Front-To-Rear.	23046684	1			
7	Legend Strip. Shift Pattern D54321NR, Front-To-Rear.	23046599 *	1			
6	Cover Assembly. Shift Pattern 12345DNR, Front-To-Rear.	23046685	1			
7	Legend Strip. Shift Pattern 12345DNR, Front-To-Rear.	23046680 *	1			
6	Cover Assembly. Shift Pattern R2R1ND54321, Front-To-Rear.	29516446	1			
7	Legend Strip. Shift Pattern R2R1ND54321, Front-To-Rear.	29516444 *	1			
6	Cover Assembly. Shift Pattern 12345DNR1R2, Front-To-Rear.	29516447	1			
7	Legend Strip. Shift Pattern 12345DNR1R2, Front-To-Rear.	29516445 *	1			
6	Cover Assembly. Shift Pattern D54321NR1R2, Front-To-Rear.	29519858	1			
7	Legend Strip. Shift Pattern D54321NR1R2, Front-To-Rear.	29519859 *	1			
8	Gasket, Legend Cover	23046011	1			
9	Screw, Pan Head Patchlock, No. 4-40 x 5/16 inch	23045989	2			
10	Cap, Selector Arm	23045991	1			
11	Spring, Shift Positioning, 0.260 OD x 0.590 inch	23045992	1			
12	Rod, Shift Positioning	23045994	1			
13	Pin, Dowel, 1/8 x 3/4 inch	29503508	1			
14	Cover, Half, Shift Latch	23046006	2			
15	Handle, Shift	23045995	1			
16	Screw, Pan Head Patchlock, No. 6-32 x 3/8 inch	23045987	6			

(continued on next page)

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GROUP 39-A *(cont'd)*

Shift Selector, Figure 39A
CEC1 Lever

NOTE: See SIL 14-TR-88 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
17	Bearing, Roller, 1/8 x 1.180 inch	29501499	1			
18	Stop, Shift Handle	29503507	2			
19	Spring, Leaf, Detent	23045998	1			
20	Plate, Detent Spring Backing	23046000	1			
21	Screw, Pan Head Patchlock, No. 6-32 x 1/2 inch	23045986	2			
22	Screw, Flat Head Patchlock, No. 8-32 x 7/16 inch	23045999	3			
23	Plate, Detent. Shift Pattern RND54321, Front-To-Rear.	23046161	1			
23	Plate, Detent. Shift Pattern R2R1ND54321, Front-To-Rear.	23046161	1			
23	Plate, Detent. Shift Pattern D54321NR, Front-To-Rear.	23045997	1			
23	Plate, Detent. Shift Pattern 12345DNR, Front-To-Rear.	23045997	1			
23	Plate, Detent. Shift Pattern 12345DNR1R2, Front-To-Rear.	23045997	1			
23	Plate, Detent. Shift Pattern D54321NR1R2, Front-To-Rear.	23045997	1			
24	Lamp, 0.08 Amp	16005999	4			
25	Housing, Shift Selector. 23046004 Shift Selector Housing Is Housing Only And Does Not Include Circuit Board Or Five Mounting Screws. Order Reference 1 From Group A To Include Circuit Board.	23046004	1			
26	Gasket, Electronics Housing	23018912	1			
27	CEC Shifter Kit. Kit Contains 29500001 Housing Assembly, Four 23045133 Screws, And 23048676 Wiring Harness.	29502944	1			
28	Screw, Pan Head Patchlock, No. 8-32 x 1 1/2 inch	23045133	4			
29	Bearing, Sleeve, Shift Handle Shaft	23046014	2			
30	Shaft, Shift Handle	23046002	1			
31	Retainer Assembly, Magnet	23046010	1			
32	Indicator, Shift Position	23046009	1			
33	Screw, Pan Head Patchlock, No. 6-32 x 3/8 inch	23045987	2			
34	Bearing, Roller, 1/8 x 1.180 inch	29501499	1			
35	Gasket, Housing Cover	23046016	1			
36	Cover, Housing	23046015	1			
37	Screw, Flat Head Patchlock, No. 6-32 x 3/8 inch	23046012	9			

GROUP 39-B

Shift Selector, Figure 39B
CEC1 Pushbutton

NOTE: See SIL 14-TR-88 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Pushbutton. See SIL 02-TR-93.	23048155	1			
2	Cover Assembly, Shift Selector. See SIL 02-TR-93.	29510362	1			
3	Gasket, Shift Selector Cover	23016336	1			
4	Circuit Board Assembly, Lamp	29514166	1			

(continued on next page)

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GROUP 39-B *(cont'd)*

Shift Selector, Figure 39B
CEC1 Pushbutton

NOTE: See SIL 14-TR-88 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Lamp, 0.08 Amp	16005999		3			
6	Housing Assembly, Shift Selector	23047804		1			
7	Lockwasher, Internal-Tooth, No. 6	138526		4			
8	Screw, Pan Head, No. 6-32 x 1/2 inch	159336		4			

GROUP 39-C

Shift Selector, Figure 39C
24V Automatic Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 24V Neutral Lock	23017041		1			
2	Screw, Machine, No. 10-24 x 5/8 inch. Obtain Locally.	6839336	***	4			
3	Lockwasher, 5/8 inch	103325		4			
4	Cover, Switch	6839306		1			
5	Seal, Switch Cover	6839342		1			
6–7	Not Used In This Group.						
8	Microswitch Assembly	6839305		1			
9	Mounting Bracket		∞∞	1			
10	Washer, Flat, No. 6. Obtain Locally.	6839307	***	2			
11	Screw, Machine, No. 6-32 x 3/4 inch. Obtain Locally.	6839308	***	2			
12	O-ring, 2.487 inch ID	6839344		1			
13	Adapter, Drive	23047195		1			
14	Screw, Set, No. 10-32 x 1/4 inch. Obtain Locally.	6839315	***	1			
15	Control Module Assembly	23047193		1			
16	Lockwasher, 5/16 inch. Obtain Locally.	6839338	***	3			
17	Screw, Allen, 5/16-18 x 5/8 inch. Obtain Locally.	6839337	***	3			
18	Nameplate, Shift Selector	29503643		1			
19	Screw, Drive		∞∞	2			
20	Cover Assembly, Shift Selector Housing	23047904		1			
21	Lockwasher, 1/4 inch. Obtain Locally.	6839355	***	3			
22	Screw, Machine, 1/4-20 x 1 inch. Obtain Locally.	6839339	***	3			
23	Holder, Fuse	23047197		1			
24	Fuse, AGC 9. Obtain Locally.		***	1			
25	Indicator, Shift Position	6839362		1			
26	Support, Shift Position Indicator	6839328		1			
27	O-ring, 1.989 inch ID	6839348		1			
28	Plate, Cover	6839353	∞∞	1			
29	Lockwasher, 1/4 inch. Obtain Locally.	6839355	***	2			
30	Screw, Machine, 1/4-20 x 1 1/2 inch. Obtain Locally.	6839354	***	2			
31	O-ring, 1.364 inch ID	6839350		1			

(continued on next page)

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GROUP 39-C *(cont'd)*

Shift Selector, Figure 39C
24V Automatic Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
32	Screw, Self-Tapping, No. 6-32 x 3/8 inch. Obtain Locally.	6839341	***	4			
33	Wiring Harness Kit	6839358		1			
34	Plate Assembly, Light Socket, 24V Selector	6839360	∞∞	1			
35	Resistor	6839340		1			
36	Screw, Self-Tapping, No. 6-32 x 3/8 inch. Obtain Locally.	6839341	***	4			
37	O-ring, 0.239 inch ID	6839349		1			
38	Lamp, No. 1816. Obtain Locally.	1816	***	1			
39	Not Used In This Group.						

GROUP 39-D

Shift Selector, Figure 39C
12V Automatic Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 12V Neutral Lock	23017040	1			
34	Plate Assembly, Light Socket, 12V Selector	6839359	1			
35	Not Used In This Group.					

GROUP 39-E

Shift Selector, Figure 39C
24V Dual Automatic Electric, Long Lever With Relay

NOTE: See SIL 03-TR-87 For Important Service Information

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 24V Neutral Lock	23045144		1			
6	Nut		∞∞	1			
7	Relay		∞∞	1			
25	Indicator, Shift Position	6885636		1			
39	Indicator Assembly, Range	6884785	∞∞	1			

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GROUP 39-F

Shift Selector, Figure 39C

24V Dual Automatic Electric, Long Lever Without Relay

NOTE: See SIL 03-TR-87 For Important Service Information

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 24V Neutral Lock	23048644		1			
25	Indicator, Shift Position	6885636		1			
39	Indicator Assembly, Range	6884785	***	1			

GROUP 39-G

Shift Selector, Figure 39D

24V Manual Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 24V Neutral Lock	23017037		1			
2	Screw, Machine, No. 10-24 x 5/8 inch. Obtain Locally.	6839336	***	4			
3	Lockwasher, 5/8 inch	103325		4			
4	Cover, Switch	6839306		1			
5	Seal, Switch Cover	6839342		1			
6	Microswitch Assembly	6839304		1			
7	Mounting Bracket		∞∞	1			
8	Washer, Flat, No. 6. Obtain Locally.	6839307	***	2			
9	Screw, Machine, No. 6-32 x 3/4 inch. Obtain Locally.	9421697	***	2			
10	O-ring, 2.487 inch ID	6839344		1			
11	Adapter, Drive	23047195		1			
12	Screw, Set, No. 10-32 x 1/4 inch. Obtain Locally.	6839315	***	1			
13	Control Module Assembly	23047193		1			
14	Lockwasher, 5/16 inch. Obtain Locally.	6839338	***	3			
15	Screw, Allen, 5/16-18 x 5/8 inch. Obtain Locally.	6839337	***	3			
16	Nameplate, Shift Selector	29503643		1			
17	Screw, Drive			2			
18	Clutch Assembly, Inner	23015259		1			
19	O-ring, 0.989 inch ID	6839346		1			
20	Cover Assembly, Shift Selector Housing	23047904		1			
21	Lockwasher, 1/4 inch. Obtain Locally.	6839355	***	3			
22	Screw, Machine, 1/4-20 x 1 inch. Obtain Locally.	6839339	***	1			
23	Holder, Fuse	23047197		1			
24	Fuse, AGC 9. Obtain Locally.		***	1			
25	Indicator, Shift Position	6839327		1			
26	Support, Shift Position Indicator	6839328		1			
27	Spring, Clutch	6839321	∞∞	1			
28	Clutch Assembly, Outer	6839324		1			
29	O-ring, 1.989 inch ID	6839348		1			
30	Housing, Solenoid			1			

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GROUP 39-G *(cont'd)*

Shift Selector, Figure 39D
24V Manual Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
31	Pin, Dowel, 3/16 x 3/4 inch	6839330		2			
32	Washer, Flat, 1/4 inch. Obtain Locally.	6839326	***	2			
33	Screw, Allen, 1/4-20 x 1 3/4 inch. Obtain Locally.	138205	***	2			
34	Spring, Override	6839323	∞∞	1			
35	Seat, Override Spring	6839322	∞∞	1			
36	Ring, Retaining, Internal, 0.696 inch OD	6839331		1			
37	O-ring, 0.737 inch ID	6839347		1			
38	Solenoid, 24V	6839361		1			
39	Gasket, Solenoid Housing Cover	6839351		1			
40	Cover, Solenoid Housing	6839332	∞∞	1			
41	Lockwasher, No. 8. Obtain Locally.	6839334	***	3			
42	Screw, Machine, No. 8-32 x 1/2 inch. Obtain Locally.	6839333	***	3			
43	O-ring, 1.364 inch ID	6839350		1			
44	Screw, Self-Tapping, No. 6-32 x 3/8 inch. Obtain Locally.	6839341	***	4			
45	Wiring Harness Kit	6839357		1			
46	Plate Assembly, Light Socket, 24V Selector	6839360	∞∞	1			
47	Resistor	6839340		1			
48	Screw, Self-Tapping, No. 6-32 x 3/8 inch. Obtain Locally.	6839341	***	4			
49	O-ring, 0.239 inch ID	6839349		1			
50	Lamp, No. 1816. Obtain Locally.	1816	***	1			

GROUP 39-H

Shift Selector, Figure 39D
12V Manual Electric, Long Lever

NOTE: See SIL 03-TR-87 For Important Service Information

Same As Group G, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.		REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 12V Neutral Lock	23017036		1			
38	Solenoid, 12V	6839329	∞∞	1			
46	Plate Assembly, Light Socket, 12V Selector	6839359		1			
47	Not Used In This Group.						

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GROUP 39-J

Shift Selector, Figure 39D
12V Manual Electric, Short Lever

NOTE: See SIL 03-TR-87 For Important Service Information

Same As Group G, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector, Shift, 12V Neutral Lock	23017051	1			
13	Control Module Assembly	23047194	1			
38	Solenoid, 12V	6839329	1			
46	Plate Assembly, Light Socket, 12V Selector	6839359	1			
47	Not Used In This Group.					

GROUP 39-K

Shift Selector, Figure 39E
CEC2 Lever, Right Hand, Six Forward Ranges, Reverse At Front

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern RND54321, Front-To-Rear.	29536927	1			
2	Label, Range Indicator. Shift Pattern RND54321, Front-To-Rear.	29528804	1			
3	Label, Mode	29536925	1			
4	Bezel Kit, Right-Hand Lever Selector	29533080	1			
5	Bezel, Right-Hand	29528792 *	1			
6	Seal, Bezel	29528795 *	1			
7	Overlay, Lever Graphic	29528794 *	1			
8	PCB And Dome Switch Assembly	29535979 *	1			
9	Ring, Retaining, Press-On, 0.175 ID x 5/16 inch OD	29528558	6			
10	Screw, Pan Hd Patchlock, No. 6-32 x 7/16 inch	29528560	4			
11	Housing Assembly, Lever Shift Selector	29529964	1			
12	Ring, Retaining, Press-On, 0.109 ID x 1/4 inch OD	29529975	2			
13	Spacer, 1/8 ID x 1/4 OD x 0.010 inch	29532736	1			
14	Spacer, 1/8 ID x 1/4 OD x 0.015 inch	29532735	1			
15	PCB And Cam Switch Assembly	29535947 *	1			
16	Wiring Harness, Internal	29529965	1			
17	O-ring, 0.614 inch ID	29503383	1			
18	Ring, Retaining, External, 0.616 ID x 1 inch OD	29528771	1			
19	Cam, Switch, Type 1	29535948 *	1			
20	Screw, Hex Socket Hd Patchlock, No. 6-40 x 7/16 inch	29528773	1			
21	Seal, Rear Cover	29529967	1			
22	Cover, Rear	29529966 *	1			
23	Screw, Pan Hd Patchlock, No. 6-32 x 7/16 inch	29528560	4			
24	Wiring Harness, Shift Selector. When Replacing 29528556 Shift Selector Wiring Harness With 29530472 Housing And Wiring Harness Kit, Discard 29528559 Housing and 29528560 Screw.	29530472	1			

(continued on next page)

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GROUP 39-K *(cont'd)*

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Reverse At Front

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
25	Connector Kit, Shift Selector	29530475	1			
26	Clip, Conduit	12176394 *	1			
27	Plug, Cavity	12129557	AR			
28	Seal, Cable, 14-Way	12110693 *	1			
29	Terminal, Pin	12160551	AR			
30	Connector, 20-Way	12160542 *	1			
31	Seal, Lock Assist	12191176 *	1			
32	Bushing, Steel, 0.166 ID x 0.265 OD x 0.404 inch	29532732 *	2			
33	Plate, Shift Inhibit	29528790 *	1			
34	Spring Assembly, Detent	29528789	1			
35	Stop, Left – Position A	29528798	1			
36	Stop, Right – Position X	29528799	1			
37	Knob Assembly Kit, Lever Selector	29536685	1			
38	Knob Assembly	29528787	1			
39	Clip, Knob Retaining	29512860	1			
40	Bushing, Top, Nylon, 0.208 inch ID x 0.328 inch OD	29536604	1			
NI	Instruction Sheet No. 289	29536686 *	1			
41	Lever And Shaft Assembly	29528786 *	1			
42	O-ring, 3/8 inch ID	29532734	1			
43	Pivot	29532733 *	1			
44	Lockwasher, No. 8	29532738	2			
45	Screw, Hex Socket Hd Patchlock, No. 8-32 x 1 3/8 inch	29528772	2			

GROUP 39-L

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Drive At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern D54321NR, Front-To-Rear.	29536928	1			
2	Label, Range Indicator. Shift Pattern D54321NR, Front-To-Rear.	29536936	1			
19	Cam, Switch, Type 2	29535951 *	1			

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GROUP 39-M

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Low At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern 12345DNR, Front-To-Rear.	29536929	1			
2	Label, Range Indicator. Shift Pattern 12345DNR, Front-To-Rear.	29528806	1			
19	Cam, Switch, Type 2	29535951 *	1			

GROUP 39-N

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Two-Speed Reverse At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern R2R1ND54321, Front-To-Rear.	29536930	1			
2	Label, Range Indicator. Shift Pattern R2R1ND54321, Front-To-Rear.	29536937	1			
36	Not Used In This Group.					

GROUP 39-P

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Low At Front, Two-Speed Reverse

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern 12345DNR1R2, Front-To-Rear.	29536931	1			
2	Label, Range Indicator. Shift Pattern 12345DNR1R2, Front-To-Rear.	29536938	1			
19	Cam, Switch, Type 2	29535951 *	1			
35	Not Used In This Group.					

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GROUP 39-Q

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Six Forward Ranges, Drive At Front, Two-Speed Reverse

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern D54321NR1R2, Front-To-Rear.	29536932	1			
2	Label, Range Indicator. Shift Pattern D54321NR1R2, Front-To-Rear.	29536939	1			
19	Cam, Switch, Type 2	29535951 *	1			
35	Not Used In This Group.					

GROUP 39-R

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Five Forward Ranges, Reverse At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern RND4321, Front-To-Rear.	29536933	1			
2	Label, Range Indicator. Shift Pattern RND4321, Front-To-Rear.	29528808	1			
35	Stop, Left – Position Z	29528799	2			

GROUP 39-S

Shift Selector, Figure 39E

CEC2 Lever, Left Hand, Five Forward Ranges, Reverse At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern RND4321, Front-To-Rear.	29536934	1			
2	Label, Range Indicator. Shift Pattern RND4321, Front-To-Rear.	29528808	1			
4	Bezel Kit, Left-Hand Lever Selector	29533079	1			
5	Bezel, Left-Hand	29528791 *	1			
35	Stop, Left – Position Z	29528799	1			
36	Stop, Right – Position X	29528798	2			

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GROUP 39-T

Shift Selector, Figure 39E

CEC2 Lever, Right Hand, Five Forward Ranges, Two-Speed Reverse At Front

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern R2R1ND4321, Front-To-Rear.	29536935	1			
2	Label, Range Indicator. Shift Pattern R2R1ND4321, Front-To-Rear.	29536940	1			
35	Stop, Left – Position Z	29528799	1			
36	Not Used In This Group.					

GROUP 39-U

Shift Selector, Figure 39F

CEC2 Pushbutton

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Standard Pushbutton	29538376	1			
2	Label, Mode	29536925	1			
3	Keypad Repair Kit	29535937	1			
4	Bezel	29537262 *	1			
5	Gasket, Pushbutton Selector	29528555 *	1			
6	Overlay, Pushbutton Graphic	29528554 *	1			
7	Ring, Retaining, Press-On, 0.175 ID x 5/16 inch OD	29528558	7			
8	PCB And Switch Assembly	29538025 *	1			
9	Housing And Wiring Harness Kit, Pushbutton Selector	29530472	1			
10	Housing, Pushbutton Selector	29528559	1			
11	Screw, Pan Hd Patchlock, No. 6-32 x 7/16 inch	29528560	4			
12	Wiring Harness, Shift Selector	29528556 *	1			
13	Connector Kit, Shift Selector	29530475	1			
14	Clip, Conduit	12176394 *	1			
15	Plug, Cavity	12129557	AR			
16	Seal, Cable, 14-Way	12110693 *	1			
17	Terminal, Pin	12160551	AR			
18	Connector, 20-Way	12160542 *	1			
19	Seal, Lock Assist	12191176 *	1			
20	Locknut, No. 10-32	29540984	2			
21	Bracket, Shift Selector Mounting	29529961	2			

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GROUP 39-V

Shift Selector, Figure 39G
CEC2 Pushbutton

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Pushbutton	29541005	1			
2	Label, Mode	29536925	1			
3	Keypad Repair Kit	29535937	1			
4	Bezel	29537262 *	1			
5	Gasket, Pushbutton Selector	29528555 *	1			
6	Overlay, Pushbutton Graphic	29541003 *	1			
7	Ring, Retaining, Press-On, 0.175 ID x 5/16 inch OD	29528558	7			
8	PCB And Switch Assembly	29538025 *	1			
9	Housing And Wiring Harness Kit, Pushbutton Selector	29530472	1			
10	Housing, Pushbutton Selector	29528559	1			
11	Screw, Pan Hd Patchlock, No. 6-32 x 7/16 inch	29528560	4			
12	Wiring Harness, Shift Selector	29528556 *	1			
13	Connector Kit, Shift Selector	29530475	1			
14	Clip, Conduit	12176394 *	1			
15	Plug, Cavity	12129557	AR			
16	Seal, Cable, 14-Way	12110693 *	1			
17	Terminal, Pin	12160551	AR			
18	Connector, 20-Way	12160542 *	1			
19	Seal, Lock Assist	12191176 *	1			
20	Locknut, No. 10-32	29540984	2			
21	Bracket, Shift Selector Mounting	29529961	2			

GROUP 39-W

Shift Selector, Figure 39E
CEC2 Lever

Same As Group K, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Shift Selector Assembly, Lever. Shift Pattern R2R1ND54321, Front-To-Rear.	29541006	1			
2	Label, Range Indicator. Shift Pattern R2R1ND54321, Front-To-Rear.	29536937	1			
35	Not Used In This Group.					

GROUP 39-X

Shift Selector, Figure 39H
CEC3 Common Pushbutton Selector With Hardware

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Common Pushbutton	29546215	1			
2	Selector Assembly, Pushbutton	29546171 *	1			

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GROUP 39-X *(cont'd)*

Shift Selector, Figure 39H

CEC3 Common Pushbutton Selector With Hardware

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
3	Bezel, Standard	29541911	1			
4	Module, Pushbutton Selector	29549395 *	1			
5	Not Used In This Group.					
6	Bracket	29529961 *	2			
7	Nut, No. 10-32	29540984 *	2			
8	Label, Mode, Off-Highway. Use As Required.	29547659	1			

GROUP 39-Y

Shift Selector, Figure 39H

CEC3 Common Pushbutton Selector With Hardware

Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Common Pushbutton	29547668	1			
2	Selector Assembly, Pushbutton	29547665 *	1			
4	Module, Pushbutton Selector	29547664 *	1			

GROUP 39-Z

Shift Selector, Figure 39J

CEC3 Lever. Seven Forward Ranges, Right-Hand, Reverse At Front

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 7-LRRF	29546176	1			
2	Selector Assembly, Lever	29546186 *	1			
3	Knob, Lever Selector, Front-Facing	29541937	1			
4	Clip, Retaining	29541929	1			
5	Bezel, Lever, Right	29541916	1			
6	Module, Lever Selector	29546187 *	1			
7	Spring, Detent	29528789	1			
8	Bolt, No. 6-32 x 7/16, T10 Pan Hd	29528560	4			
9	Label, Mode	29541949	1			
10	Label, Range Indicator	29528800	1			
11	Stop	29541938	1			
12	Screw, Stop Mounting	29541978	2			
13	Label, Mode, Off-Highway. Use As Required In Place Of On-Highway Mode Label	29547659	1			

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GROUP 39-AA

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LRRF	29546177	1			
10	Label, Range Indicator	29528804	1			
11	Stop	29541939	1			

GROUP 39-AB

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5-LRRF	29546178	1			
10	Label, Range Indicator	29528808	1			
11	Stop	29541940	1			

GROUP 39-AC

Shift Selector, Figure 39J

CEC3 Lever. Four Forward Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 4-LRRF	29546179	1			
10	Label, Range Indicator	29528812	1			
11	Stop	29541941	1			

GROUP 39-AD

Shift Selector, Figure 39J

CEC3 Lever. Three Forward Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 3-LRRF	29546180	1			
10	Label, Range Indicator	29541131	1			
11	Stop	29541942	1			

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GROUP 39-AE

Shift Selector, Figure 39J

CEC3 Lever. Two Forward Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 2-LRRF	29546181	1			
10	Label, Range Indicator	29541130	1			
11	Stop	29541943	1			

GROUP 39-AF

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Two Reverse Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LRRF	29547661	1			
10	Label, Range Indicator	29536937	1			
11	Stop	29547657	1			

GROUP 39-AG

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Two Reverse Ranges, Right-Hand, Reverse At Front

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5-LRRF	29547663	1			
10	Label, Range Indicator	29536940	1			
11	Stop	29547658	1			

GROUP 39-AH

Shift Selector, Figure 39J

CEC3 Lever. Seven Forward Ranges, Right-Hand, Reverse At Front, Low Next To Neutral

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 7A-LRRF	29546182	1			
10	Label, Range Indicator	29541907	1			

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GROUP 39-AJ

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Right-Hand, Reverse At Front, Low Next To Neutral

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6A-LRRF	29546183	1			
10	Label, Range Indicator	29541979	1			
11	Stop	29541939	1			

GROUP 39-AK

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Right-Hand, Reverse At Front, Low Next To Neutral

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5A-LRRF	29546184	1			
10	Label, Range Indicator	29541915	1			
11	Stop	29541940	1			

GROUP 39-AL

Shift Selector, Figure 39J

CEC3 Lever. Four Forward Ranges, Right-Hand, Reverse At Front, Low Next To Neutral

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 4A-LRRF	29546185	1			
10	Label, Range Indicator	29541913	1			
11	Stop	29541941	1			

GROUP 39-AM

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Right-Hand, Reverse At Rear

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LRRR	29546194	1			
2	Selector Assembly, Lever	29546195 *	1			
6	Module, Lever Selector	29546196 *	1			
10	Label, Range Indicator	29528806	1			
11	Stop	29541968	1			

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GROUP 39-AN

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Right-Hand, Reverse At Rear

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5-LRRR	29546193	1			
2	Selector Assembly, Lever	29546195 *	1			
6	Module, Lever Selector	29546196 *	1			
10	Label, Range Indicator	29528810	1			
11	Stop	29541969	1			

GROUP 39-AP

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Two Reverse Ranges, Right-Hand, Reverse At Rear

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LRRR	29547662	1			
2	Selector Assembly, Lever	29546195 *	1			
6	Module, Lever Selector	29546196 *	1			
10	Label, Range Indicator	29536938	1			

GROUP 39-AQ

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Right-Hand, Reverse At Rear, Low Next To Neutral

Same As Group Z, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LRRR	29547660	1			
2	Selector Assembly, Lever	29546195 *	1			
6	Module, Lever Selector	29546196 *	1			
10	Label, Range Indicator	29536936	1			
11	Stop	29541968	1			

GROUP 39-AR

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Left-Hand, Reverse At Front

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 6-LLRF	29546197	1			
2	Selector Assembly, Lever	29546202 *	1			
3	Knob, Lever Selector, Front-Facing	29528787	1			
4	Clip, Retaining	29541929	1			

(continued on next page)

* Serviced Only As An Assembly – Not Available As A Detail Part.
*** No Longer Available From Allison Transmission.
∞∞ For Service Contact Detroit Diesel Remanufacturing DMR, 1111 East 7th Street, Hibbing, MN 55746; Phone:(218)262-6693, Fax:(218)262-6273.
NI Not Illustrated

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GROUP 39-AR *(cont'd)*

Shift Selector, Figure 39J

CEC3 Lever. Six Forward Ranges, Left-Hand, Reverse At Front

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
5	Bezel, Lever, Left	29541936	1			
6	Module, Lever Selector	29546203 *	1			
7	Spring, Detent	29528789	1			
8	Bolt, No. 6-32 x 7/16, T10 Pan Hd	29528560	4			
9	Label, Mode	29541949	1			
10	Label, Range Indicator	29528804	1			
11	Stop	29541968	1			
12	Screw, Stop Mounting	29541978	2			
13	Label, Mode, Off-Highway. Use As Required In Place Of On-Highway Mode Label	29547659	1			

GROUP 39-AS

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Left-Hand, Reverse At Front

Same As Group AR, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5-LLRF	29546198	1			
10	Label, Range Indicator	29528808	1			
11	Stop	29541969	1			

GROUP 39-AT

Shift Selector, Figure 39J

CEC3 Lever. Four Forward Ranges, Left-Hand, Reverse At Front

Same As Group AR, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 4-LLRF	29546199	1			
10	Label, Range Indicator	29528812	1			
11	Stop	29541970	1			

GROUP 39-AU

Shift Selector, Figure 39J

CEC3 Lever. Three Forward Ranges, Left-Hand, Reverse At Front

Same As Group AR, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 3-LLRF	29546200	1			
10	Label, Range Indicator	29541131	1			
11	Stop	29541971	1			

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GROUP 39-AV

Shift Selector, Figure 39J

CEC3 Lever. Two Forward Ranges, Left-Hand, Reverse At Front

Same As Group AR, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 2-LLRF	29546201	1			
10	Label, Range Indicator	29541130	1			
11	Stop	29541972	1			

GROUP 39-AW

Shift Selector, Figure 39J

CEC3 Lever. Five Forward Ranges, Left-Hand, Reverse At Rear

Same As Group AR, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Lever, 5-LLRR	29546204	1			
2	Selector Assembly, Lever	29546205 *	1			
6	Module, Lever Selector	29546206 *	1			
10	Label, Range Indicator	29528810	1			
11	Stop	29541940	1			

GROUP 39-AX

Shift Selector, Figure 39H

CEC3 Common Pushbutton Selector With Mode Label

Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Common Pushbutton	29547666	1			
2	Selector Assembly, Pushbutton	29547665 *	1			
4	Module, Pushbutton Selector	29547664 *	1			
5	Label, Mode, On-Highway	29541949	1			
6–7	Not Used In This Group		*			
8	Label, Mode, Off-Highway. Use As Required In Place Of On-Highway Mode Label	29547659	1			

GROUP 39-AY

Shift Selector, Figure 39H

CEC3 Common Pushbutton Selector, Complete

Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Selector Assembly, Common Pushbutton	29547667	1			
2	Selector Assembly, Pushbutton	29547665 *	1			

(continued on next page)

* Serviced Only As An Assembly – Not Available As A Detail Part.
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GROUP 39-AY *(cont'd)*

Shift Selector, Figure 39H

CEC3 Common Pushbutton Selector, Complete

Same As Group X, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
4	Module, Pushbutton Selector	29547664 *	1			
5	Label, Mode, On-Highway	29541949	1			
8	Label, Mode, Off-Highway. Use As Required In Place Of On-Highway Mode Label	29547659	1			

* Serviced Only As An Assembly – Not Available As A Detail Part.
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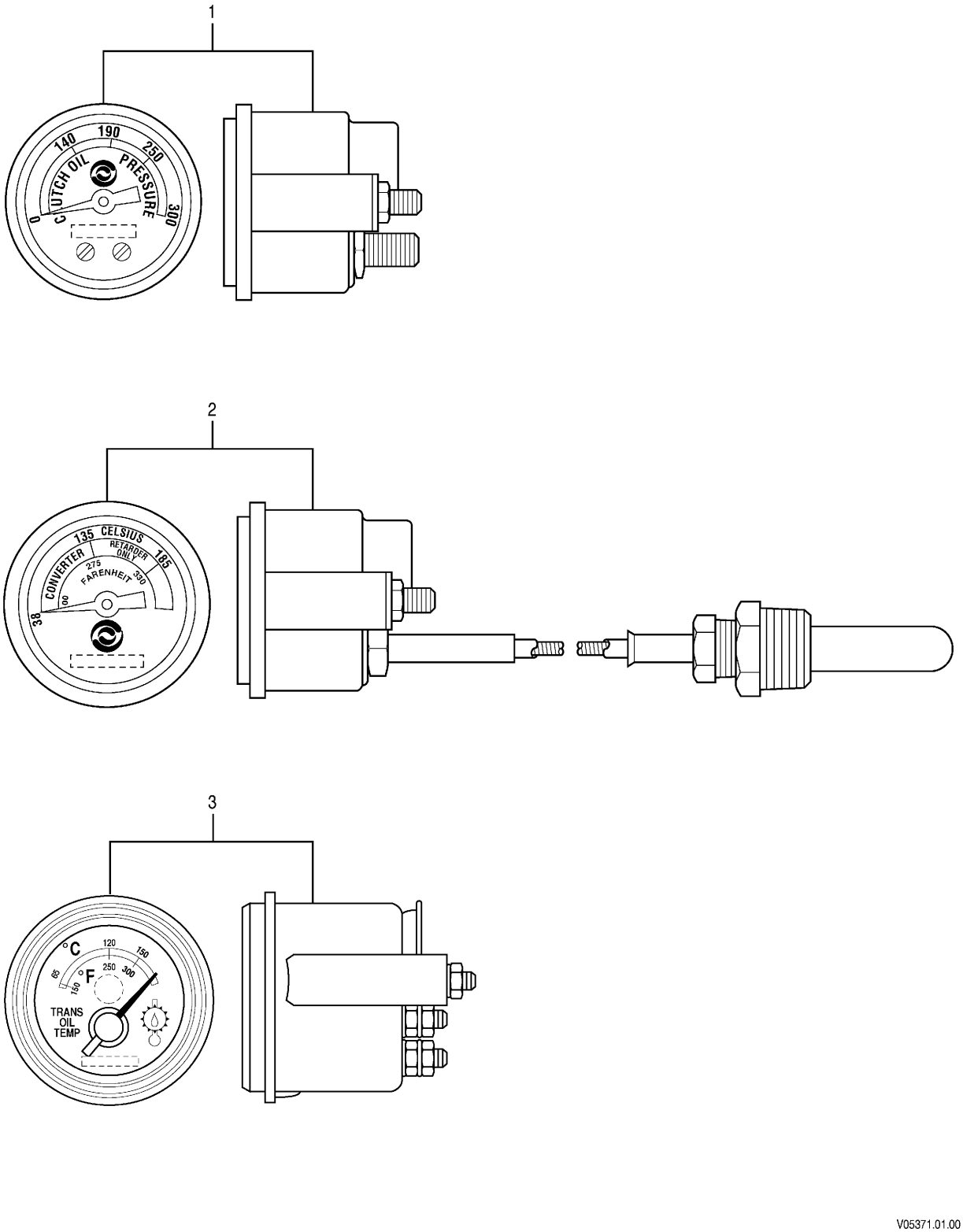


Figure 40A. Miscellaneous Options

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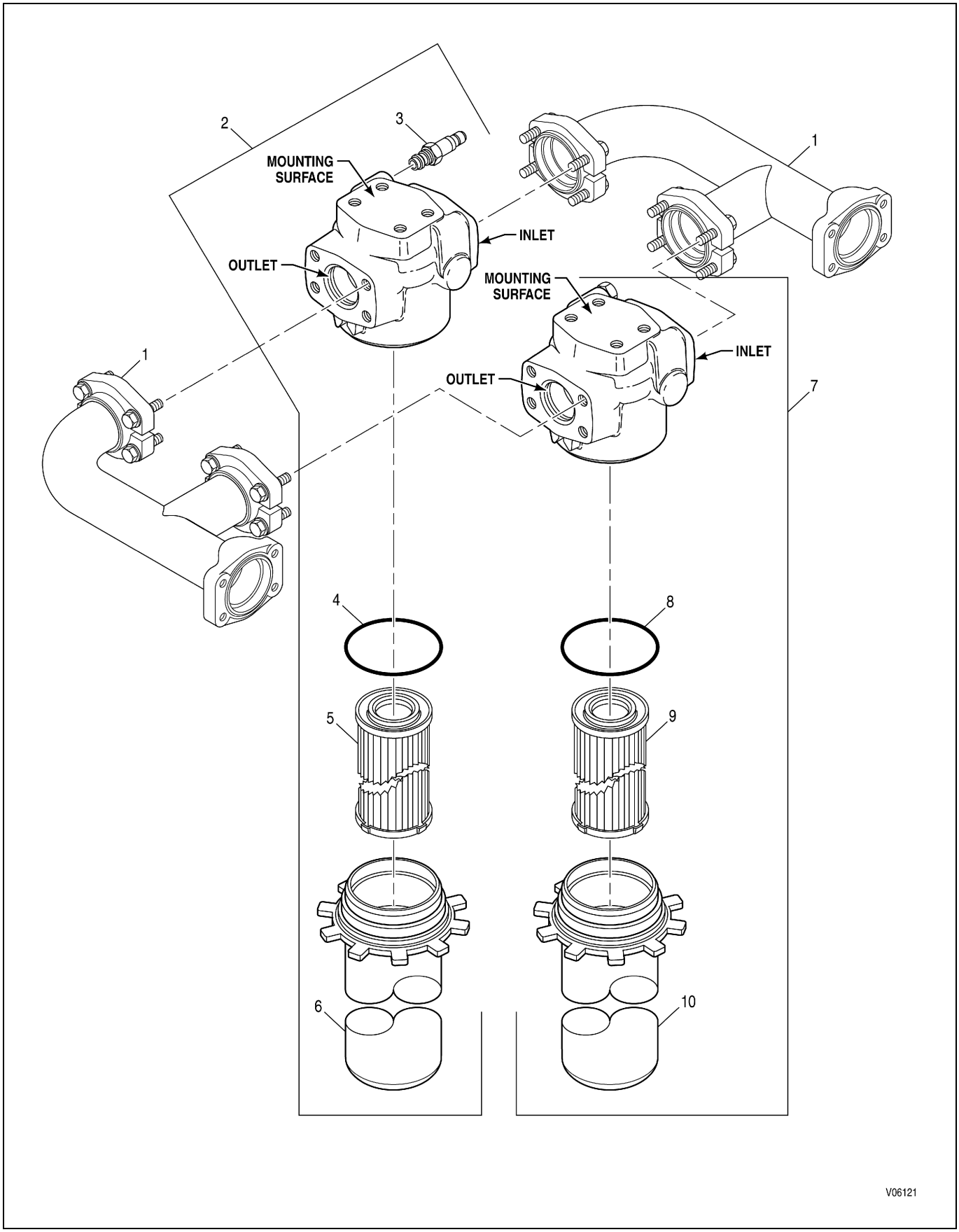


Figure 40B. Miscellaneous Options

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GROUP 40-A

Miscellaneous Options, Figure 40A
Clutch Oil Pressure Gauge

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Gauge, Clutch Oil Pressure	29544557	1			
2	Not Used In This Group.					

GROUP 40-B

Miscellaneous Options, Figure 40A
Oil Temperature Gauge

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Not Used In This Group.					
2	Gauge, Oil Temperature. 10 Foot Capillary.	23010422 ***	1			
2	Gauge, Oil Temperature. 6 Foot Capillary.	23010423 ***	1			
2	Gauge, Oil Temperature. 4 Foot Capillary.	23010424 ***	1			
3	Gauge Kit, Oil Temperature, 12V	29542705	1	1	2	4
3	Gauge Kit, Oil Temperature, 24V	29542706	1	1	2	4

GROUP 40-C

Miscellaneous Options, Figure 40B
Oil Cooler Circuit

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Manifold Assembly Kit	29510915	2			
2	Oil Filter Assembly, Remote-Mount Cooler. See SIL 12-TR-93 And SIL 02-TR-86.	29510914	1			
3	Switch, Pressure Differential, 35 psi. See SIL 12-TR-93.	29529657	1			
4	O-ring, 4.734 inch ID	23018958	1			
5	Element, Oil Filter. See SIL 02-TR-86 And SIL 12-TR-93.	29510912	1			
6	Bowl, Oil Filter	29510911	1			
7	Oil Filter Assembly, Remote-Mount Cooler. 29510916 Oil Filter Assembly No Longer Available, Service With 29510914 Oil Filter Assembly. See SIL 12-TR-93.	29510916 ***	1			
8	O-ring, 4.734 inch ID	23018958	1			
9	Element, Oil Filter. See SIL 12-TR-93 And SIL 02-TR-86.	29510912	1			
10	Bowl, Oil Filter	29510911	1			

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GROUP 40-D

Miscellaneous Options, Figure 40B

Oil Cooler Circuit

Same As Group C, Except For Parts Listed Below.

REF NO.	NOMENCLATURE	PART NO.	REQ	RECOMMENDED SPARES FOR UNITS 1-3	4-10	11-25
1	Not Used In This Group.					
2	Oil Filter Assembly, Remote-Mount Cooler. See SIL 12-TR-93.	29510913	1			
7–10	Not Used In This Group.					

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SERVICE INFORMATION LETTERS (SIL)

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This revision to add dimension omitted in Figure 2. Please destroy your original 33-TR-80 copy.

33-TR-80
Page 1 of 3
April 30, 1980
Rev. "A", 8-21-80

SUBJECT: Release of New Oil Separator Plate

EQUIPMENT AFFECTED: C(L)(B)T-5/6000 and DP-8000 Model Transmission Equipped with Manual Electric or Automatic Electric Control Systems.

EFFECTIVE SERIAL NUMBERS: 82474 (approx.) - 5/6000
See Figure 2 - 8000

New control valve body oil separator plates have been released for the subject transmissions. The new plates for the C(L)(B)T-5/6000 reflect a change in two hole sizes to increase oil supply to the low and high shift signal valve systems. Originally, the new C(L)(B)T-5/6000 and DP-8000 separator plates P/N 23011252 and P/N 23012877 had hole sizes of 0.051-0.053 inch diameter. Field experience has demonstrated a further improvement in reliability can be achieved by enlarging hole sizes to 0.072-0.074 inch diameter. Refer to rework instructions. The new plates for the DP-8000 include the addition of one hole and the deletion of one hole to improve oil flow from the intermediate shift signal valve system. This will assure proper valve functions during abnormal operating conditions.

The part number changes are as follows:

New Part No.	Old Part No.	Qty.	Part Name
23011252	6839630	1	Plate, C(L)(B)T-5/6000 Separator
23012877	23011253	1	Plate, DP-8000 Oil Separator

Interchangeability

New parts are fully interchangeable on transmissions in field service as applicable, regardless of transmission serial number. When servicing with new or reworked parts, separator plate gaskets 6839632 and 6839633 must be used for both transmission models.

Spare Parts Information

Old plates P/N 6839630 and 23011253 are hereby completely cancelled for customer service.

Rework of Separator Plate P/N 23011253 and 6839630

It is recommended that separator plate 6839630 be reworked per Fig. 1 anytime a transmission in field service is down for overhaul or repair. Separator plate 23011253 may be reworked per Fig. 2. However, caution must be exercised during the welding process required to omit hole number 141 so as not to warp the separator plate. Replacement of separator plate 23011253 with 23012877 is advisable in field service. If it is elected to rework plate, 23011253, enlarge existing holes at the same time hole #138 is added and hole #141 is omitted.

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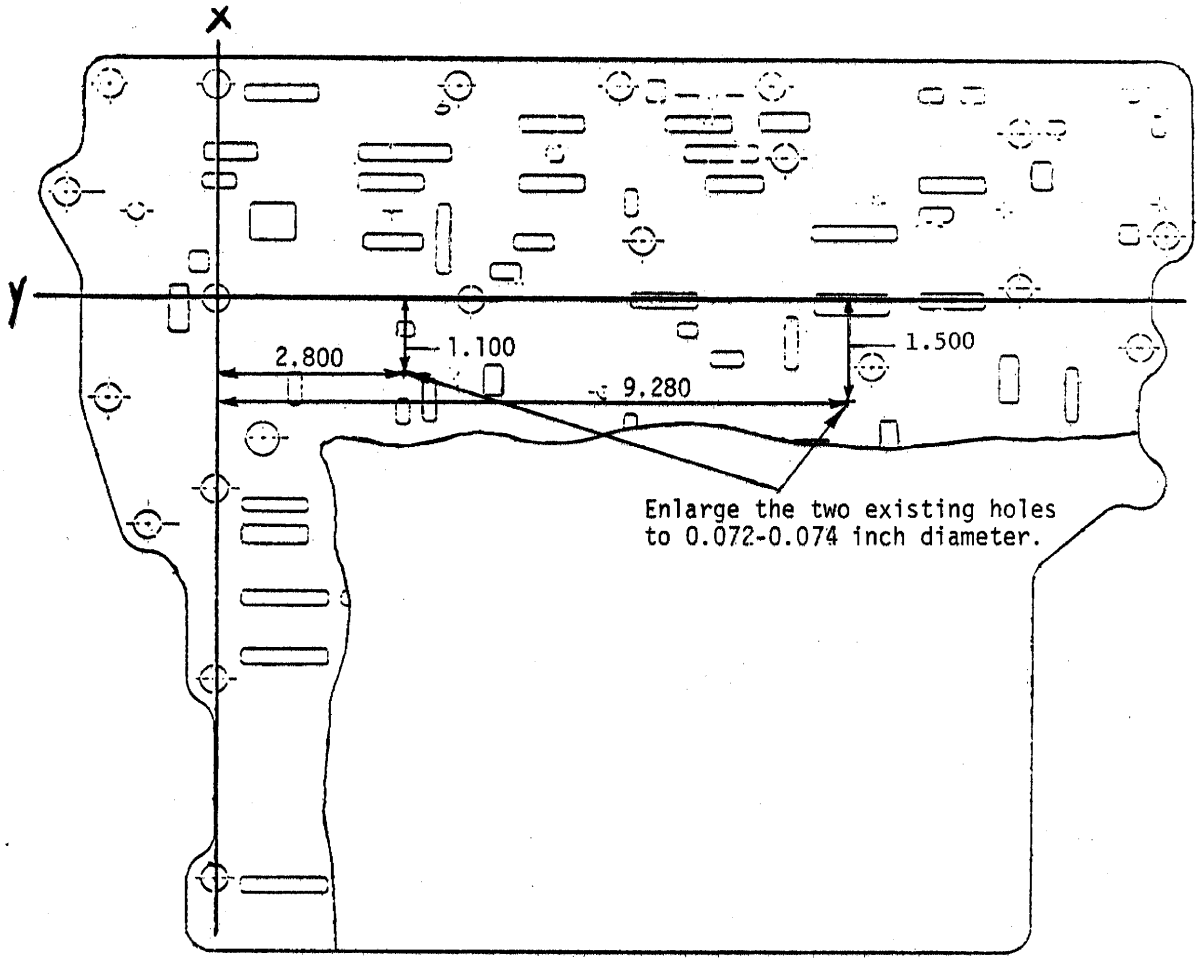


FIGURE 1. OIL SEPARATOR PLATE P/N 6839630 REWORK

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April 30, 1980
Rev. "A", 8-21-80

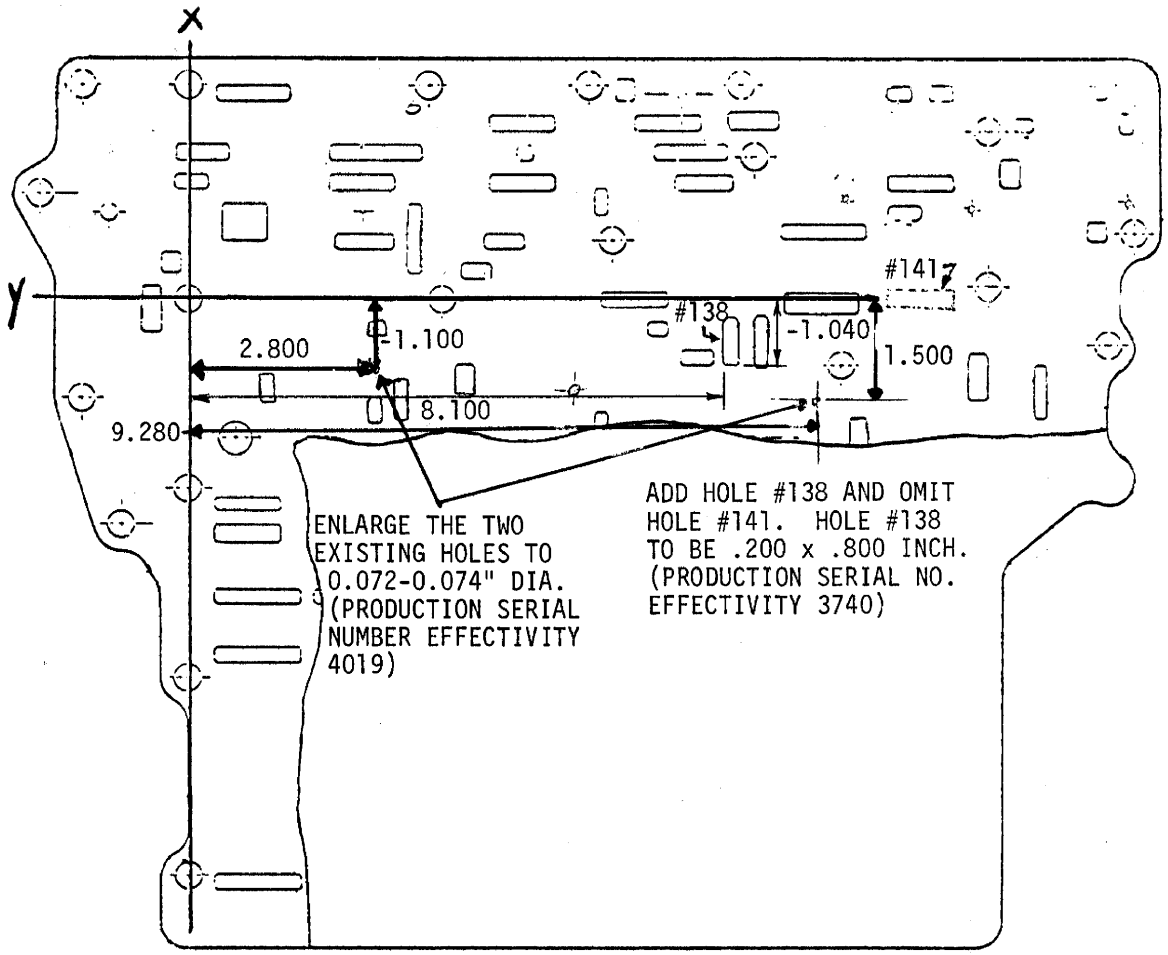


FIGURE 2. OIL SEPARATOR PLATE P/N 23011253 REWORK.

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This S.I.L. replaces 41-TR-80, Rev. "A".
Please destroy your copies of 41-TR-80, Rev. "A".

SUBJECT: Servicing of Shift Pattern Generator (SPG), Overload Protector Assembly and Voltage Converter Assemblies

EQUIPMENT AFFECTED: CL(B)T 5000/6000, DP 8000 and CL(B)T 9000 Series Transmissions

Repair to Shift Pattern Generators, Overload Protectors, and Voltage Converter Assemblies can be obtained from:

DMR Electronics
RR 2 Box 97B
Hibbing, Minnesota 55746
(218) 262-6693

General Diesel & Electronics
3112 East 14th Avenue
Hibbing, Minnesota 55746
(218) 262-4553

Road Machinery Company
2880 N. Flowing Wells Road
Tucson, Arizona 84705
(602) 623-8681

To provide additional servicing convenience, two AC-Delco Electronic Service Centers and three overseas centers have been added and are now available for repairing the subject components. These most recent service locations are:

1) Whelan Radio
Penn & Harrison Streets
Philadelphia, PA 19124
(215) 288-4600

2) Downtown Radio
2525 W. 6th Avenue
Denver, CO 80204
(303) 573-6288

3) Etn. C. Verswijver N.V.
Venusstraat 7-9
Antwerp, Belgium
(DDA Distributor)
Phone: (03) 233-59-96

4) Talbot Diesels Ltd.
Ridgeway Industrial Estate Unit 4
Iver
Bucks, SL09HX England
Phone: 0753-652276

5) SGESCO
P.O. Box 143
Holland Park, Queensland
Australia 4121

Dealers/Distributors sending SPG's, Overload Protectors, or Voltage Converters to AC-Delco Service Center locations or the above overseas centers for repair must process the units as follows:

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If Unit Is In Warranty:

1) Prepare Form DA 352-1 (See Example) showing:

   a) Customer Name and Address
   b) Make of Equipment
   c) Equipment Model Number
   d) Vehicle Identification Number
   e) Transmission Serial Number (DDA Serial Number Block)
   f) SPG, Overload Protector, or Voltage Converter Serial Number (Comments Section
   g) Delivery Date
   h) Date of Occurrence
   i) Miles or Hours
   j) SPG, Overload Protector, or Voltage Converter Part Number (Primary Failed Part Number Block)
   k) Description of Difficulty
   l) Signature (Report Compiled By)

If Unit Is Out Of Warranty:

1) Ship unit prepaid to repair station.

2) Enclose purchase order form for repair of faulty unit showing as much of the above information (a through l) as possible.

   NOTICE: It is most important that the SPG Serial Number accompany any and all correspondence regarding SPG repairs. The same practice should also be followed for Overload Protector assembly and voltage converter assembly repairs.

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41-TR-80, Rev B
Page 3 of 3
March, 1988

DA352 (REV. 6-79)

General Offices
13400 West Outer Drive
Detroit, Michigan 48228
Phone: (313) 592-6000

Detroit Diesel Allison
Division of General Motors Corporation

PRODUCT INFORMATION REPORT

REPORT NO. _____

DATE _____

FIRM NAME A. _____ PERSON CONTACTED AND TITLE _____

ADDRESS _____ CITY _____ STATE _____ ZIP CODE _____

MAKE OF EQUIPMENT POWERED		EQUIPMENT MODEL NUMBER			VEHICLE IDENTIFICATION NO.	
B.		C.			D.	
DISTRIBUTOR CODE	AFA/RO NUMBER	DDA SERIAL NUMBER		MODEL NUMBER	DELIVERY DATE	APPLICATION CODE
		E.			G.	
FAILURE DATE	MILES OR HOURS	COMPLAINT CODE	FAILURE CODE	LOCATION ON UNIT	LOCATION ON PART	PRIMARY FAILED PART NUMBER
H.	I.					J.
SALES ORDER	UPC GROUP			SERVERITY CODE	CAUSE CODE	OEM CODE

COMMENTS: (Please Print) ANY PERTINENT INFORMATION NOT COVERED IN THE ABOVE SECTIONS THAT CAN FURTHER AID THIS REPORT SHOULD BE ADDED BELOW.

F. S.P.G., OVERLOAD PROTECTOR, OR VOLTAGE CONVERTER SERIAL NUMBER.

K. DESCRIPTION OF DIFFICULTY.

UNITS WITH IDENTICAL PROBLEM:

DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.	DDA SERIAL NO.

ROUTING – DDA USE ONLY

_____ REPORT COMPLIED BY L. _____

FACTORY SERVICE DEPT. COPY

SIL

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62-TR-81
Page 1 of 3
November, 1981

SUBJECT: Field Modification for Eliminating Transfer Gear Housing Front Output Flange

EQUIPMENT AFFECTED: CLBT-5860 Transfer Gear Model Transmissions

In some applications, the existing front output ("C" location) flange is not utilized. Refer to Figure 1. To avoid routine maintenance, inspection and/or replacement of seals, this configuration can be eliminated. This is accomplished by either replacing output drive shaft, P/N 6759323, with a new shaft, P/N 6779043 (Fig. 2) or reworking present shaft, P/N 6759323 to the 6779043 configuratic Refer to Figure 3. Either method requires the same additional parts. Shaft rework is the less expensive modification.

The new parts required are:

1 -	6757585 Retainer
1 -	6758563 Gasket
6 -	179884 Bolt, 1/2-13 X 3-1/4
1 -	6769476 Retainer
1 -	6755269 Lockstrip
AR -	6772140 Shims
or	6772141

Replacement and Rework Procedure

1. Disassemble transfer gear housing assembly for removal of output flange, retainer assembly, spacer and drive shaft. Refer to Fig. 1. Discard flange, lockstrip, shims, retainers, bolts and spacer.

2. Rework drive shaft 6759323 to the 10.02 inch length indicated and add the two 1/2-20 tapped holes. Refer to Fig. 3.

3. Reassemble transfer gear housing assembly using the reworked shaft and new additional parts as illustrated in Fig. 2. Refer to 5600-5800 Transmission Service Manual SA 1078 for basic assembly procedures. Determine shim requirements as related in Manual. Tighten 9409059 bolts 96 - 115 lb. ft. and 179884 bolts 67 - 80 lb. ft. torque. Bend a corner of lockstrip against a flat of each bolt 9409059.

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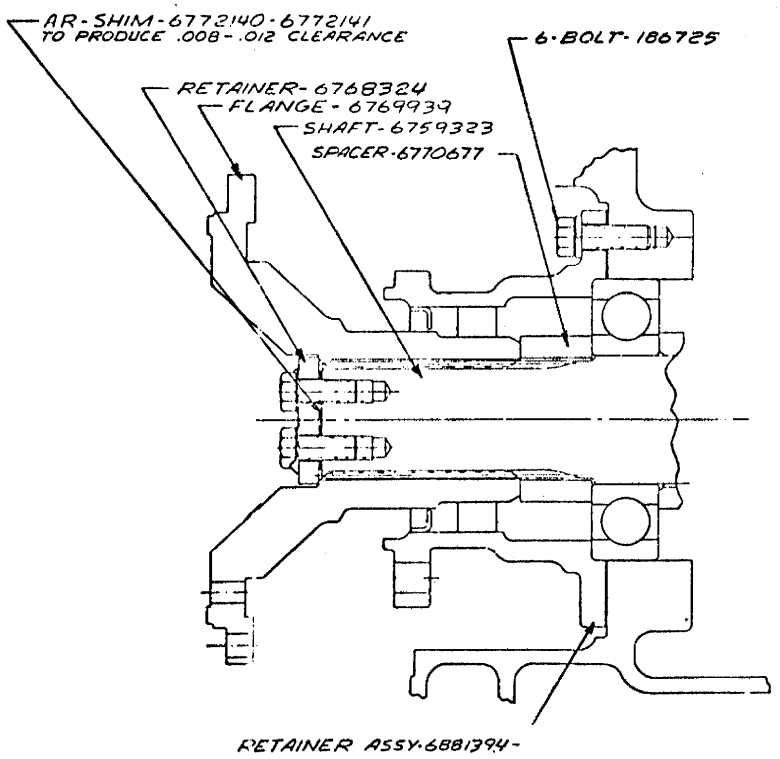


FIGURE 1. FRONT OUTPUT FLANGE AT "C" LOCATION

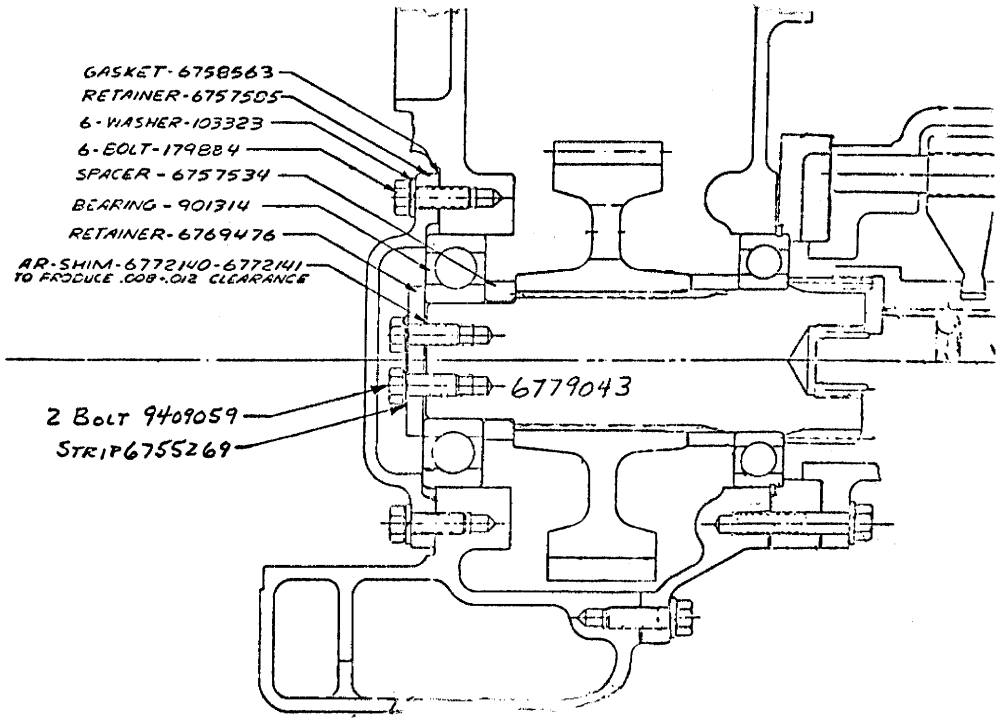


FIGURE 2. CAPPED OUTPUT LOCATION (NEW OR REWORKED SHAFT CONFIGURATION)

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November, 1981

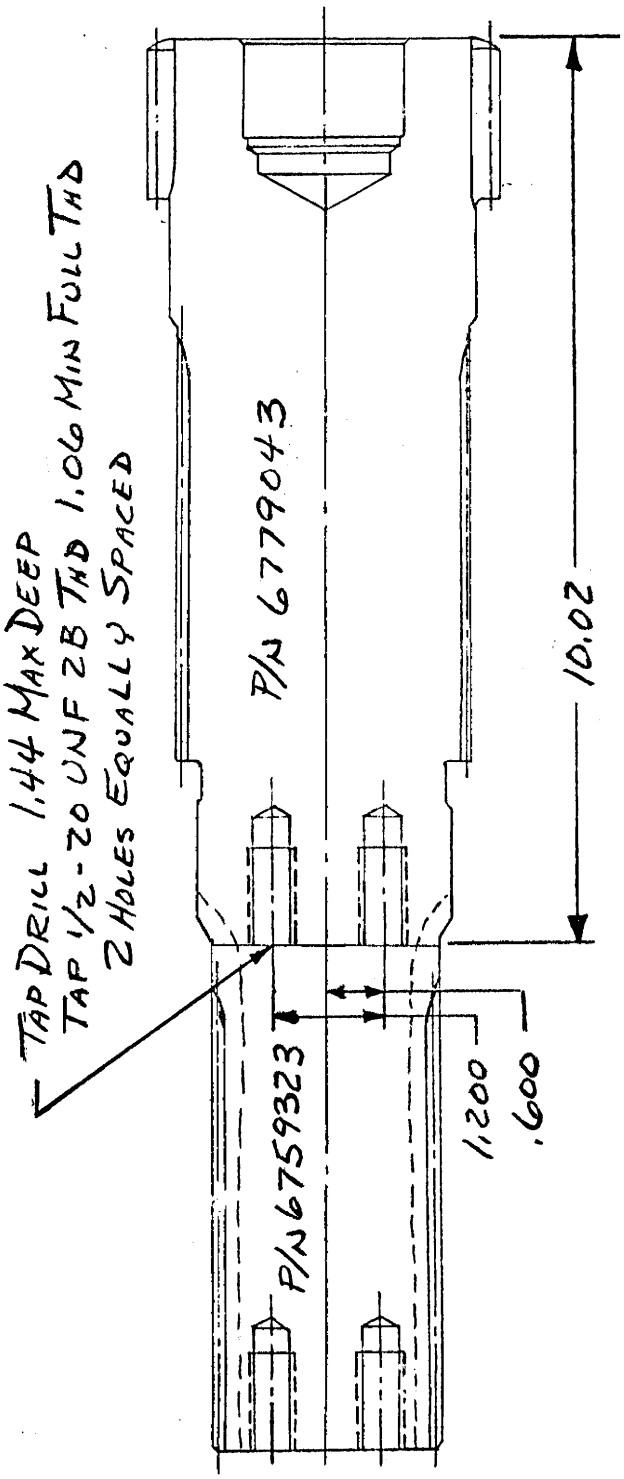


FIGURE 3. SHAFT P/N 6759323 REWORK

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1-TR-82
Page 1 of 4
January, 1982

SUBJECT: Release of New Solenoids for Electric Control Valve Body Assemblies

EQUIPMENT AFFECTED: C(L)(B)T-5/6000 With Manual or Automatic Electric Control Valve Body Assemblies, DP-8000 and CLBT-9000 Model Transmissions

EFFECTIVE SERIAL NUMBERS: 88856 - CLBT-5/6000 Transmissions
4773 - DP-8000 Series Transmissions

This is to advise of the release of new solenoids P/N 23013930 (12V) and P/N 23013931 (24V) for the CLBT-5/6000 with electric controls and the DP-8000 transmission. These solenoids have been released in the CLBT-9000 model transmision since first production. They have proven reliable and will replace all former design solenoids released for the 5/6000 and 8000 transmissions. Fig. 1 illustrates appearance of the former and new solenoid design. Solenoids can be visually identified (color code, voltage, P/N) as related in Fig. 1. The solenoids will be merchandized in kit P/N 23014411 (12V) and P/N 23014422 (24V) only and includes a cable tie for containing the wire leads. The part number changes are as follows:

New P/N	Old P/N	Qty.	Part Name
23014414	6884479	1	Body Assy., control valve (5/6000, 24V)
23012902	6884482	1	Body Assy., control valve (DP-8000, 24V)
23015846	--	1	Body Assy., control valve (9000, 12V)
23015847	--	1	Body Assy., control valve (9000, 12V)
23012898	--	1	Cover & Plate Assy. (9000, 12V)
23015776	6883047	1	Cover & Plate Assy. (5/6/8/9000, 12V)
23012904	6883048	1	Cover & Plate Assy. (5/6/8/9000, 24V)
23014209	6884483	1	Cover & Plate Assy. (5/6/9000, 24V)
23013930 (Kit 23014411)	23011880 (Kit 23011476)	7	Solenoid, 12V (5/6/8/9000)
23013931 (Kit 23014422)	23011879 (Kit 23011473)	7	Solenoid, 24V (5/6/8/9000)
23012017	6885568	7	Tie, cable (5/6/8/9000)
443603 (1/4-20 x 3/4)	186630 (1/4-20 x 5/8)	14	Bolt, hex head
23012903	6883050	1	Cover & Plate Assy., 1st range control valve 24V (DP-8000)
23013930 (Kit 23014411)	23011880 (Kit 23011476)	2	Solenoid, 12V (8000)
23013931 (Kit 23014422)	23011879 (Kit 23011473)	2	Solenoid, 24V (8000)
23012017	6885568	2	Tie, cable (8000)
445566 (1/4-20x1-1/8)	454813 (1/4-20 x 7/8)	2	Bolt, hex head
454813 (1/4-20 x 7/8)	186630 (1/4-20 x 5/8)	2	Bolt, hex head
23015832	--	1	Cover & Plate Assy., trim boost 12V (9000)

DA 362 (3-79)

SIL

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Interchangeability

New control valve body assemblies (5/6/8000) are fully interchangeable on transmissions in field service regardless of transmission serial number, as applicable.

New cover and plate assemblies (5/6/8000) are fully interchangeable on transmissions in field service regardless of transmission serial number, as applicable.

New solenoids (sold in kit - includes tie) are fully interchangeable on transmissions in field service regardless of transmission serial number, as applicable.

Spare Parts Information

All old parts are hereby completely cancelled for customer service.

Solenoid Installation and Serviceability

1. No gasket is required under the new solenoids as was used on very early type solenoids--only the o-ring seal P/N 23015928 included with the solenoid in kit.

2. Socket clearance for installation of mounting bolts is limited. Under no conditions should an open end wrench be used. A thin wall socket should be used to minimize the possibility of force being applied against side of solenoids resulting in functional damage.

3. The solenoids must be visually oriented (positioned) in the solenoid module. Because of the shape of the solenoid some can be installed improperly. To insure proper alignment of each solenoid orifice with the orifice in the plate, solenoids must be installed with lead wires oriented as shown in Figure 2 (DP-8000 only) and 3. Be sure o-ring is properly seated on bottom of solenoid prior to installation.

4. Cable ties P/N 23012017 must be positioned and installed as illustrated in Figure 3, cinched tight, and the excess cut off.

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Page 3 of 4
January, 1982

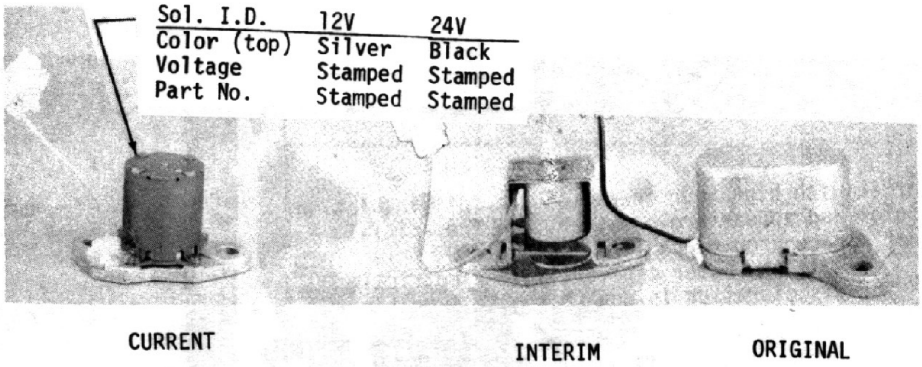


FIGURE 1. NEW VS FORMER SOLENOIDS

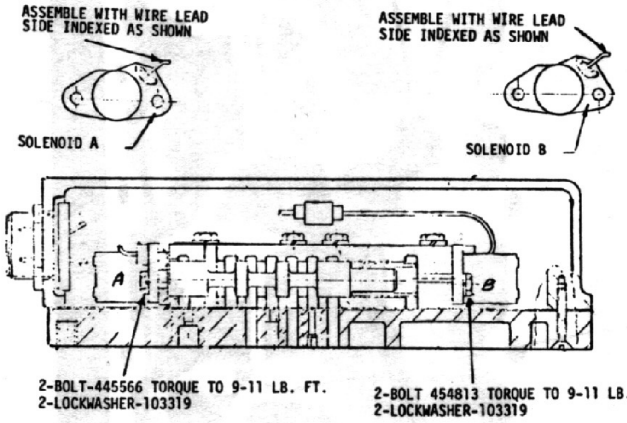


FIGURE 2. FIRST RANGE CONTROL VALVE BODY COVER AND PLATE ASSY. (DP-8000 ONLY)

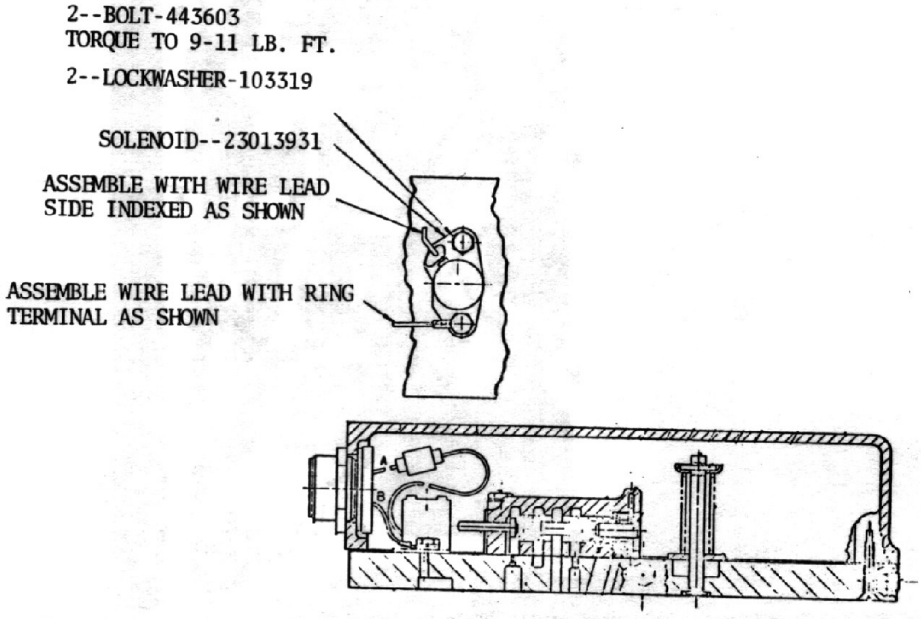


FIGURE 3. TRIM BOOST COVER AND PLATE ASSY. (9000 ONLY)

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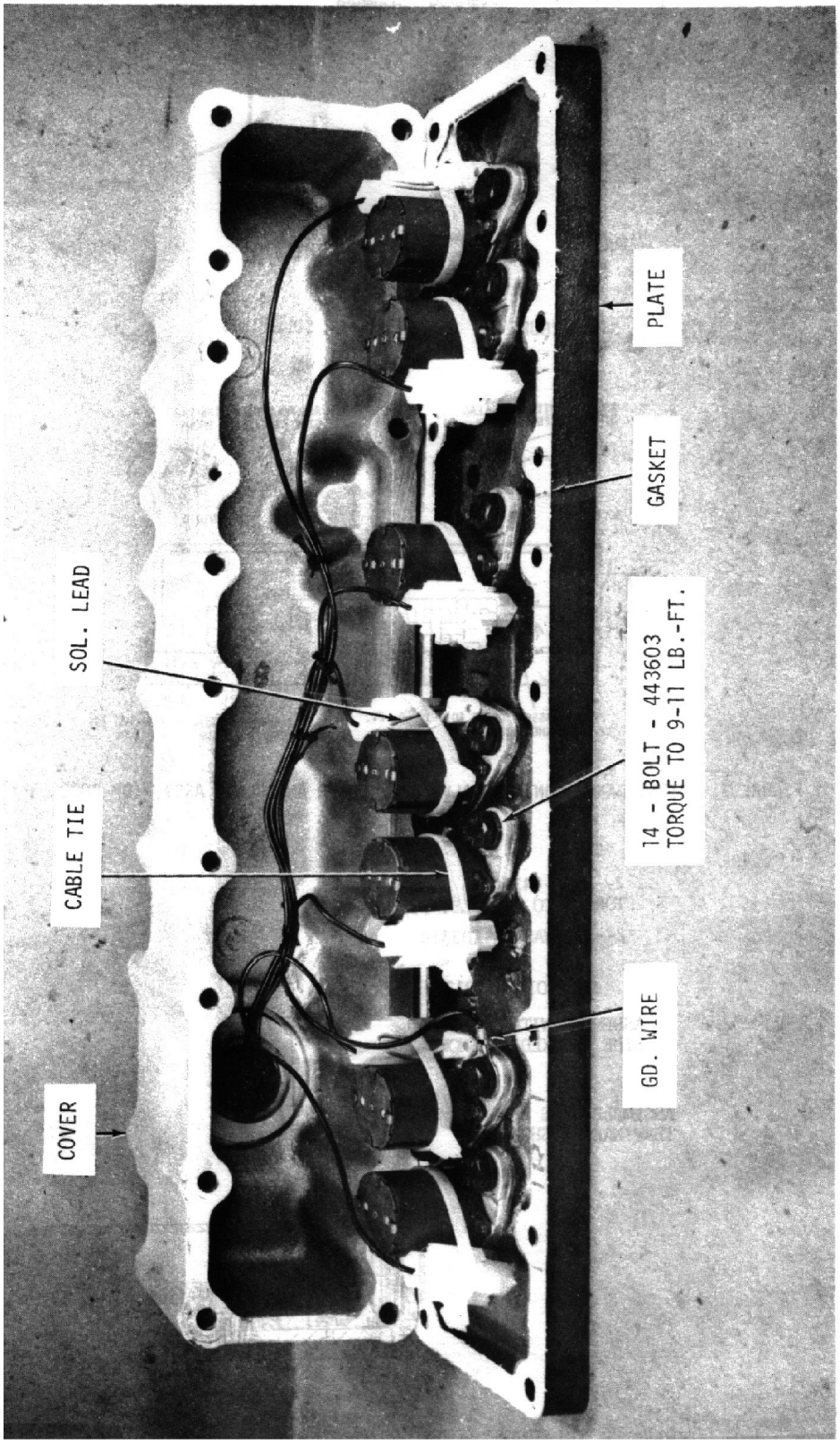


FIGURE 4. SOLENOID COVER AND PLATE ASSY. (5/6/8/9000)

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3-TR-82, Rev A
Page 1 of 3
August, 1988

SUBJECT: Cancellation of Service Parts for Two-Element Converter Stators

EQUIPMENT AFFECTED: C(L)(B)T 5000 Series Transmissions; TC 500 Series Torque Converters

For purposes of parts consolidation, Service parts for the two element stator configuration will no longer be available after present stock is exhausted. Refer to Figure 1. The current single stator configuration (Figure 2) can be used as a service replacement for the two-element configuration as related below.

To Replace These Parts		Order These Parts
P/N 6768832 First Stator and/or P/N 6768833 Second Stator	Rev. A	*P/N 23045336 Stator Assembly
P/N 6769272 First Stator and/or P/N 6769288 Second Stator	Rev. A	*P/N 23045336 Stator Assembly
P/N 6759903 First Stator and/or P/N 6769288 Second Stator	Rev. A	*P/N 23045333 Stator Assembly
P/N 6768831 First Stator and/or P/N 6768833 Second Stator	Rev. A	*P/N 23045333 Stator Assembly

*When servicing with the single stator assembly the following additional parts are required.

Part No.	Qty.	Part Name
6773088	24	Cup
6770302	12	Roller, needle
6769276	12	Spring
6770574	12	Roller, stator freewheel

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Interchangeability

The single stator assembly is fully interchangeable with the combination two-element stator configuration on transmissions in field service.

If either the first stator or second stator must be replaced, both stators must be discarded and the applicable single stator assembly installed. As related above (*), the cups, springs, and rollers listed must be used with the applicable single stator assembly service replacement.

Two thrust washers P/N 6758485 (items 2 and 8, Figure 1) are used in the two-element configuration, however, washer (item 8) used between the stators is not required with the single stator assembly. Washer P/N 6758485 is required with single stator configuration item 2, Figure 2 location.

Service Parts Information

The following parts are hereby completely cancelled for customer service.

Part No.	Part Name
6768831, 6768832, 6769272, 6759903	Stator, first
6768833, 6769288	Stator, second

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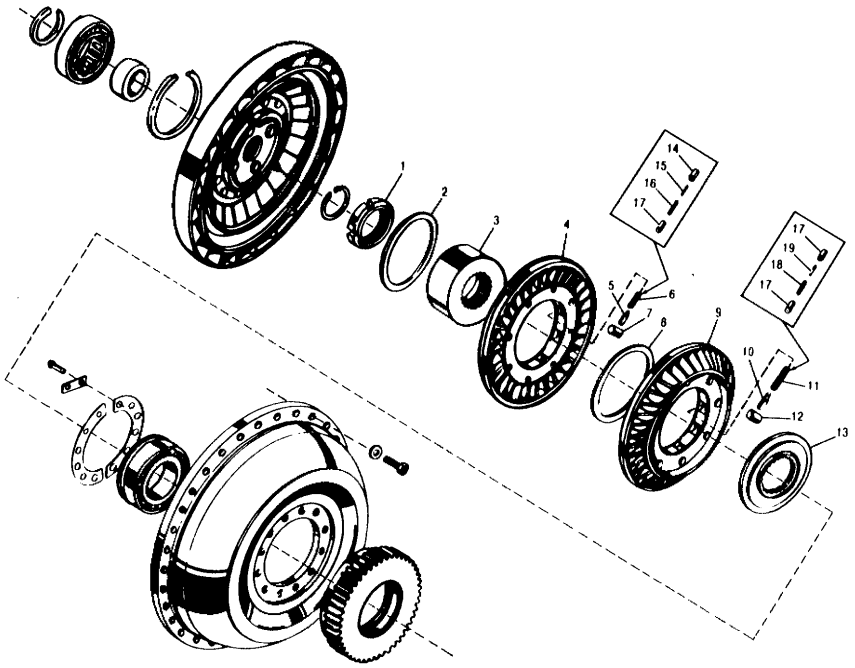


FIGURE 1. TWO-ELEMENT STATOR CONFIGURATION

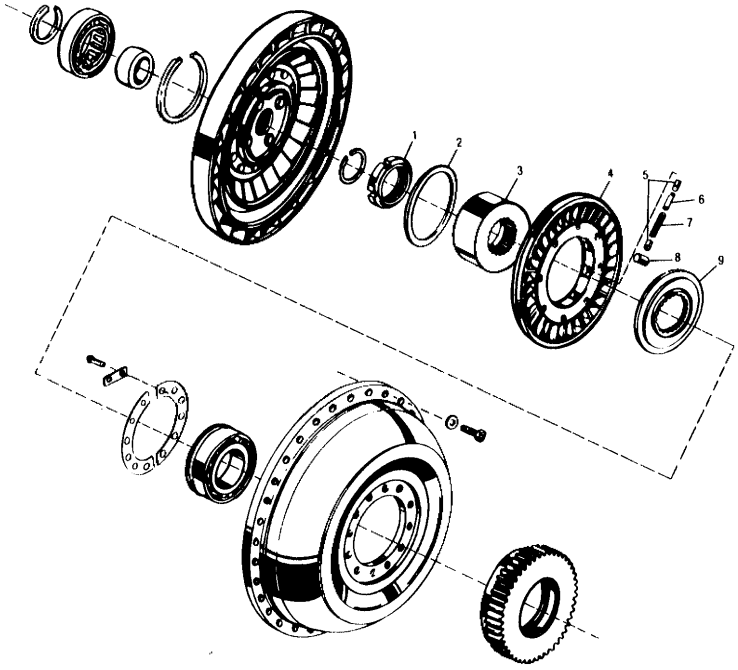


FIGURE 2. SINGLE STATOR CONFIGURATION

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6-TR-82
Page 1 of 2
March, 1982

SUBJECT: Output Disconnect Clutch Shifter Shaft Seal Change

EQUIPMENT AFFECTED: CLBT-700, 5/6000, 4460/HT70, and HT-700 Drop Box Model Transmissions Equipped with Output Disconnect Clutch

EFFECTIVE SERIAL NUMBER: 88434 - 5/6000
58143 - HT, CLBT-700

As a result of vendor cancellation, current oil seal P/N 7994981 is being replaced by two separate seals at the shifter shaft location. Refer to Figure 1.

Part number changes are as follows:

New Part No.	Qty.	Old Part No.	Qty.	Part Name
*23014064	1	7994981	1	Seal, Oil
*23014065	1			Wiper, Rod

*Sold in Kit P/N 23014948 only. Includes an Instruction Sheet - see Page 2.

Interchangeability Not Affected

New seals are fully interchangeable with old seal at shaft location.

Spare Parts Information

Exhaust stock of old seal P/N 7994981, then use both seal P/N 23014064 and wiper P/N 23014065 at shaft location for service.

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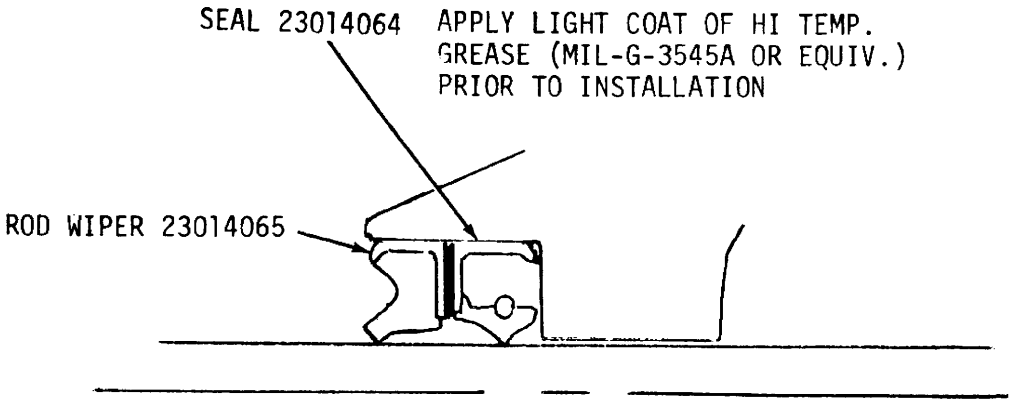
INSTRUCTION SHEET NO. 156
(Use in Kit P/N 23014948)

READ INSTRUCTIONS CAREFULLY. REMEMBER CLEANLINESS IS IMPORTANT.

Seal P/N 23014064 and Wiper P/N 23014065 Installation

1. Press seal P/N 23014064, spring side first, into disconnect housing until seated in bore. See Figure 1.

2. Press wiper P/N 23014065, lip side out, into bore against seal P/N 23014064. See Figure 1.



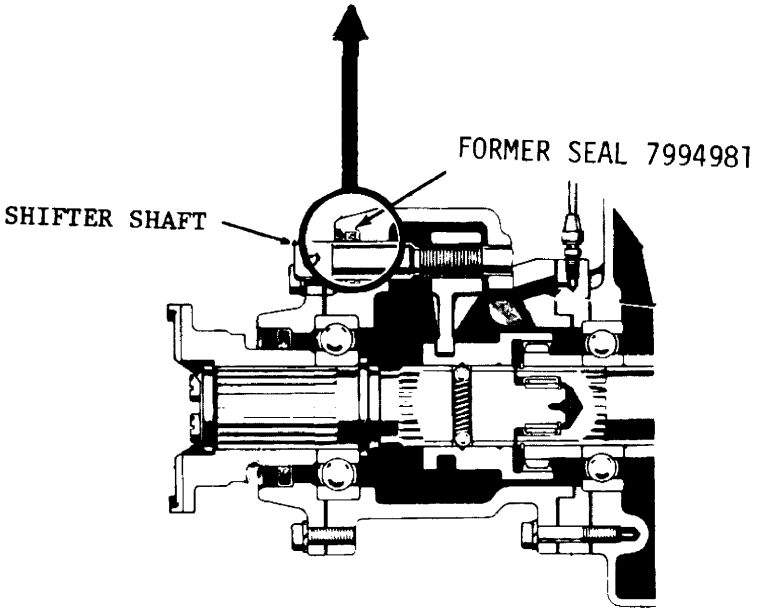


FIGURE 1. OUTPUT DISCONNECT CLUTCH CROSS-SECTION

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22-TR-82
Page 1 of 1
May, 1982

SUBJECT: Service Release of Positive Ground 12V Fema Solenoid

EQUIPMENT AFFECTED: C(L)(B)T–5/6000, DP–8000, CLBT–9000

This is to advise the release of a new positive ground 12V Fema solenoid P/N 23014951 for all applications utilizing electric controls that require a positive ground. The solenoids will be merchandised in kit P/N 23015011 and include a cable tie for containing the wire leads.

The new solenoids are identified by three means: (1) The P/N 23014951 (12V) is stamped on the top plate, (2) On the side casing in ink is (+) ground electrical systems only, (3) On the wire lead is a non–detachable tag stating, (+) ground electrical systems only.

New Part No.	Old Part No.	Qty.	
23014951	23011880	1	12V + Ground Solenoid
(Kit 23015011)	(Kit 23011476)	1	
23012017	6885568	1	Tie (Cable)

Interchangeability

New solenoids (sold in kit – includes tie) are fully interchangeable on transmissions in field service regardless of transmission serial number, as applicable.

Spare Parts Information

All old parts are hereby completely cancelled for customer service. All Fasco 12V solenoid kits P/N 23011476 should be held in AFA area with copy of Claim Type 6 for disposition by local Allison Transmission representative.

Solenoid Installation and Serviceability

Refer to "Solenoid Installation and Serviceability" Section of S.I.L. 1–TR–82.

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46-TR-82
Page 1 of 11
November, 1982

SUBJECT: Flywheel Blanks

EQUIPMENT AFFECTED: TC-500, CRT-5/6/7000 and CLT-5/6000 Transmissions

The flywheel blank can be machined to duplicate any flywheel part number listed on the chart below.

Find the flywheel part number required, then perform the operations indicated in the columns to the right, on the flywheel blank.

The flywheel blank is balanced and machining or installation of a ring gear should not create an imbalance condition if performed properly.

After machining diameters, "B" and "C" must be concentric within .005 T.I.R. and all machine surfaces must be free from burrs.

Flywheel Assembly	Ring Gear	Position	Flywheel	Flywheel Blank	Const. No.	Dim. A	Dia. B	(456876) Dowel L
6768926	6752502	B	6768918	6770007	1	.75	18.394	---
6768927	6753594	B	6768919		2	1.34	18.525	---
6768929	6759466	B	6768920		1	.67	18.400	---
6768930	6754106	H	6768921		1	1.36	18.205	---
6768931	----	-	6768922		1	.80	18.025	Yes
6768932	6753594	B	6768923		2	1.42	18.525	---
6768933	6759466	B	6768915		1	.90	18.400	---
6768934	6757504	B	6768917		1	1.00	18.025	Yes
6768935	6768359	B	6768916		3	.85	18.525	---
6773577	5166664	B	6768924		1	1.00	18.484	---
----	----	-	23010829		5			---*
6773293	6773265	B	6768915		1	.90	18.400	---
6830470	6830469	B	6830468		6	.975	17.504	---**
----	----	-	6769405		1	.97	18.125	---
6773507	6773504	B	6769997		1	.86	18.142	---
6779061	6769433	B	6773637		1	1.26	17.867	---
----	----	-	6832400		4	--	---	---
6771641	6754106	J	6768921		1	1.36	18.205	---
6775974	6774352	H	6768921		1	1.36	18.205	Yes
6880554	----	B	6880294		7	1.00	18.484	---

*(12) .375-24 Holes on 15.75 B.C.
**(18.500 O.D.

SIL

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Flywheel Assembly	Ring Gear	Position	Flywheel	Flywheel Blank	Const. No.	Dim. A	Dia. B	(456876) Dowel L
6770911	----	-	6770891	23016170	1	.75	18.394	Yes
6770912	6759466	B	6770892		1	1.00	18.400	Yes
6770913	----	-	6770891		1	.75	18.394	---
6771304	----	-	6770906		1	1.00	18.484	Yes
6771466	6774352	B	6771465		1	1.36	18.205	Yes
6773180	6759466	B	6773179		1	.90	18.400	Yes
6773381	5166664	B	6770906		1	1.00	18.484	Yes
6774930	----	-	6774931		4	--	---	Yes
6839244	6769131	B	6839245		1	1.00	18.262	Yes
6778053	6778055	B	6778054		1	.90	18.315	Yes
6779655	6757504	B	6779654		8	1.000	18.025	Yes***
6770908	6752502	B	6770891		1	.75	18.394	Yes
6770914	6769433	B	6770907	23016169	1	.94	17.867	Yes
6771419	6769433	B	6771418		1	1.26	17.867	Yes
6772467	----	-	6771418		1	1.26	17.867	Yes

***(12) 1.125 Spotfaces 5.25 B.C.

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FLYWHEEL ASSEMBLY	RING GEAR	POSITION	FLYWHEEL	FLYWHEEL BLANK	CONST. #	DIM A	DIA B	DOWEL L	
							(456876)		
6768926	6752502	B	6768918	6770007	1	.75	18.394	---	
6768927	6753594	B	6768919		2	1.34	18.525	---	
6768929	6759466	B	6768920		1	.67	18.400	---	
6768930	6754106	H	6768921		1	1.36	18.205	---	
6768931	---	---	6768922		1	.80	18.025	YES	
6768932	6753594	B	6768923		2	1.42	18.525	---	
6768933	6759466	B	6768915		1	.90	18.400	---	
6768934	6757504	B	6768917		1	1.00	18.025	YES	
6768935	6768359	B	6768916		3	.85	18.525	---	
6773577	5166664	B	6768924		1	1.00	18.484	---	
---	---	---	23010829		5			---	(12).375-24 HOLES ON 15.75 B.C.
6773293	6773265	B	6768915		1	.90	18.400	---	
6830470	6830469	B	6830468		6	.975	17.504	---	18.500 O.D.
---	---	---	6769405		1	.97	18.125	---	
6773507	6773504	B	6769997		1	.86	18.142	---	
6779061	6769433	B	6773637		1	1.26	17.867	---	
---	---	---	6832400		4	---	---	---	
6771641	6754106	J	6768921		1	1.36	18.205	---	
6775974	6774352	H	6768921		1	1.36	18.205	YES	
6880554	---	B	6880294		7	1.00	18.484	---	

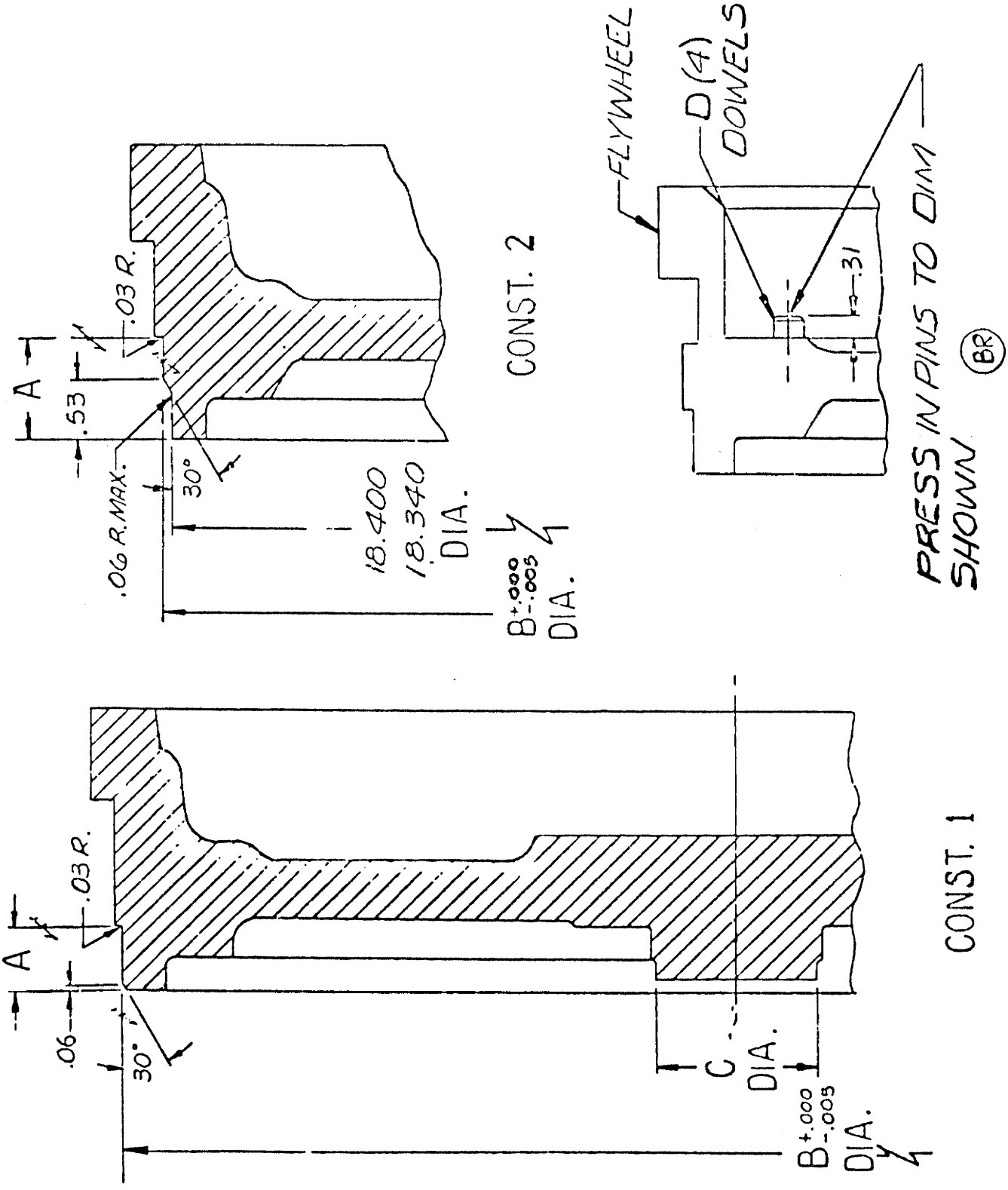
(SUPERSEDES 7042-71)

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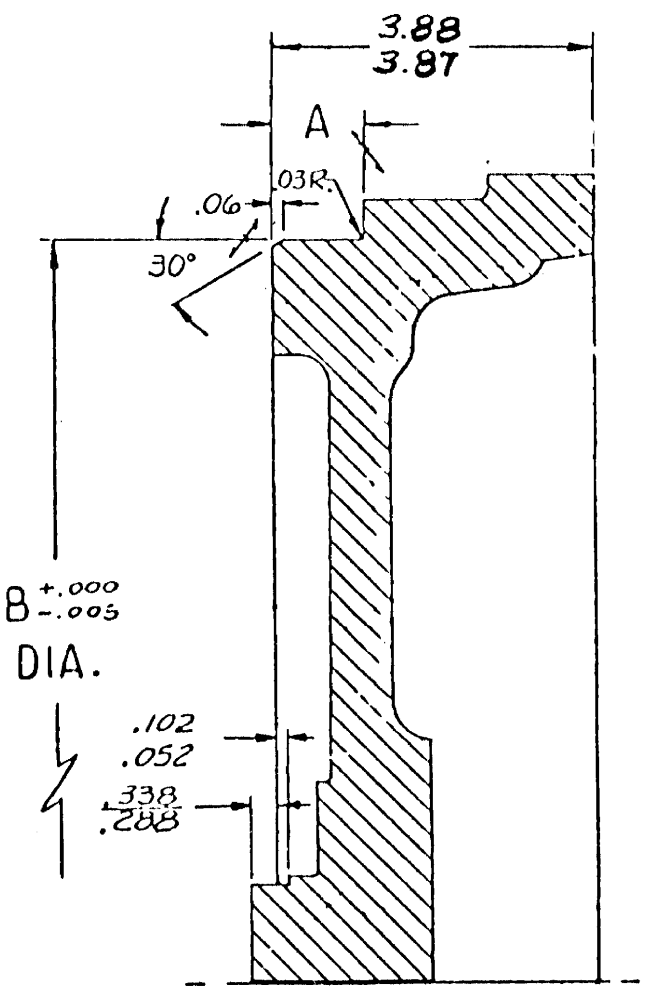
(456876)

FLYWHEEL ASSEMBLY	RING GEAR	POSITION	FLYWHEEL	FLYWHEEL BLANK	CONST. #	DIM A	DIA B	DOWEL L	
6770911	---	---	6770891	23016170	1	.75	18.394	YES	
6770912	6759466	B	6770892		1	1.00	18.400	YES	
6770913	---	---	6770891		1	.75	18.394	---	
6771304	---	---	6770906		1	1.00	18.484	YES	
6771466	6774352	B	6771465		1	1.36	18.205	YES	
6773180	6759466	B	6773179		1	.90	18.400	YES	
6773381	5166664	B	6770906		1	1.00	18.484	YES	
6774930	---	---	6774931		4	---	---	YES	
6839244	6769131	B	6839245		1	1.00	18.262	YES	
6778053	6778055	B	6778054		1	.90	18.315	YES	
6779655	6757504	B	6779654		8	1.000	18.025	YES	(12) 1.125 SPOTFACES 5.25 B.C.
6770908	6752502	B	6770891		1	.75	18.394	YES	
6770914	6769433	B	6770907	23016169	1	.94	17.867	YES	
6771419	6769433	B	6771418		1	1.26	17.867	YES	
6772467	---	---	6771418		1	1.26	17.867	YES	

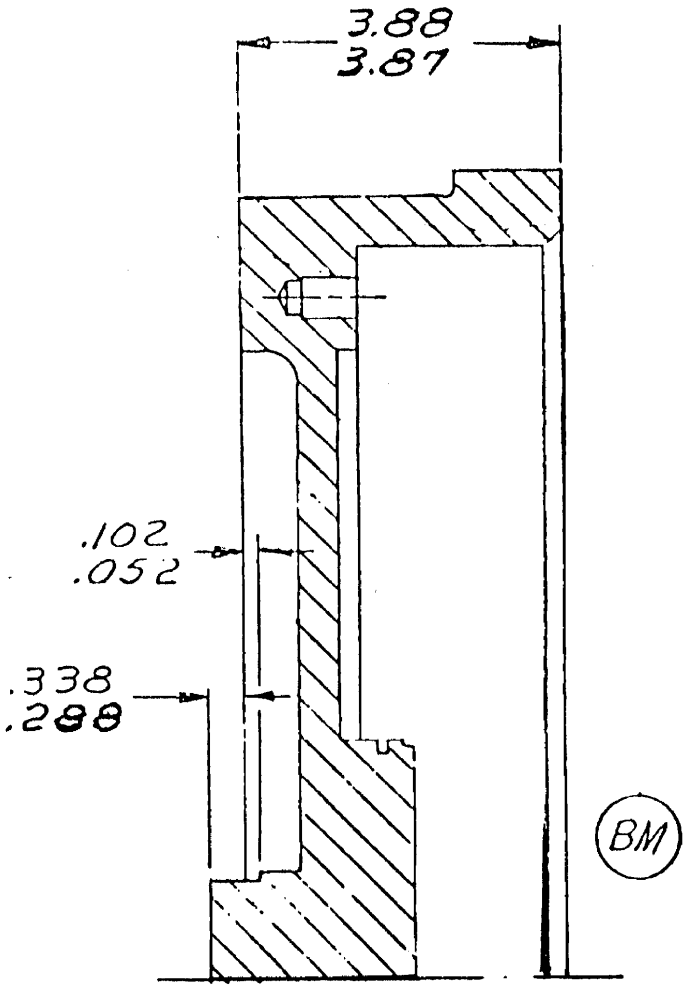
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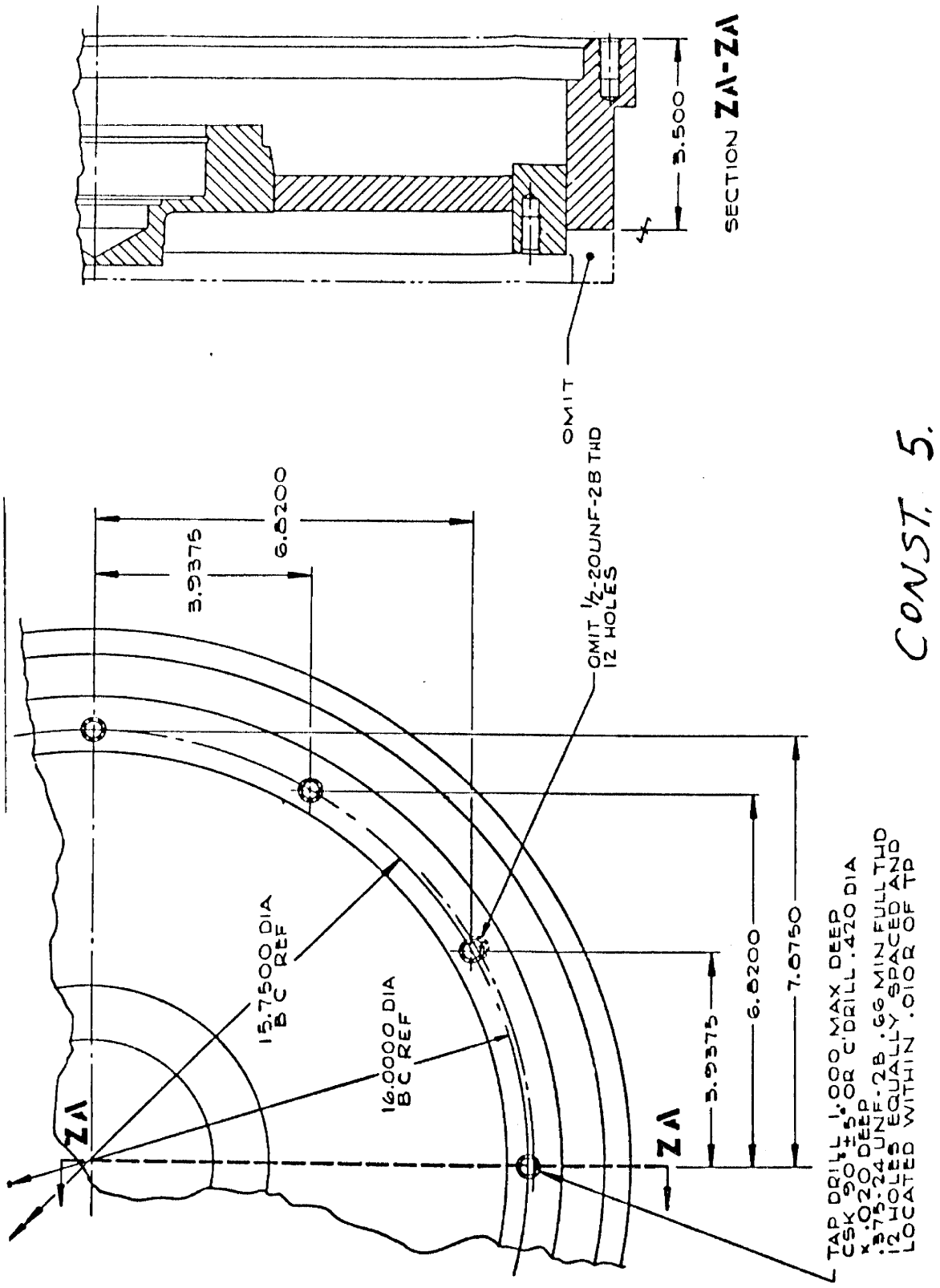


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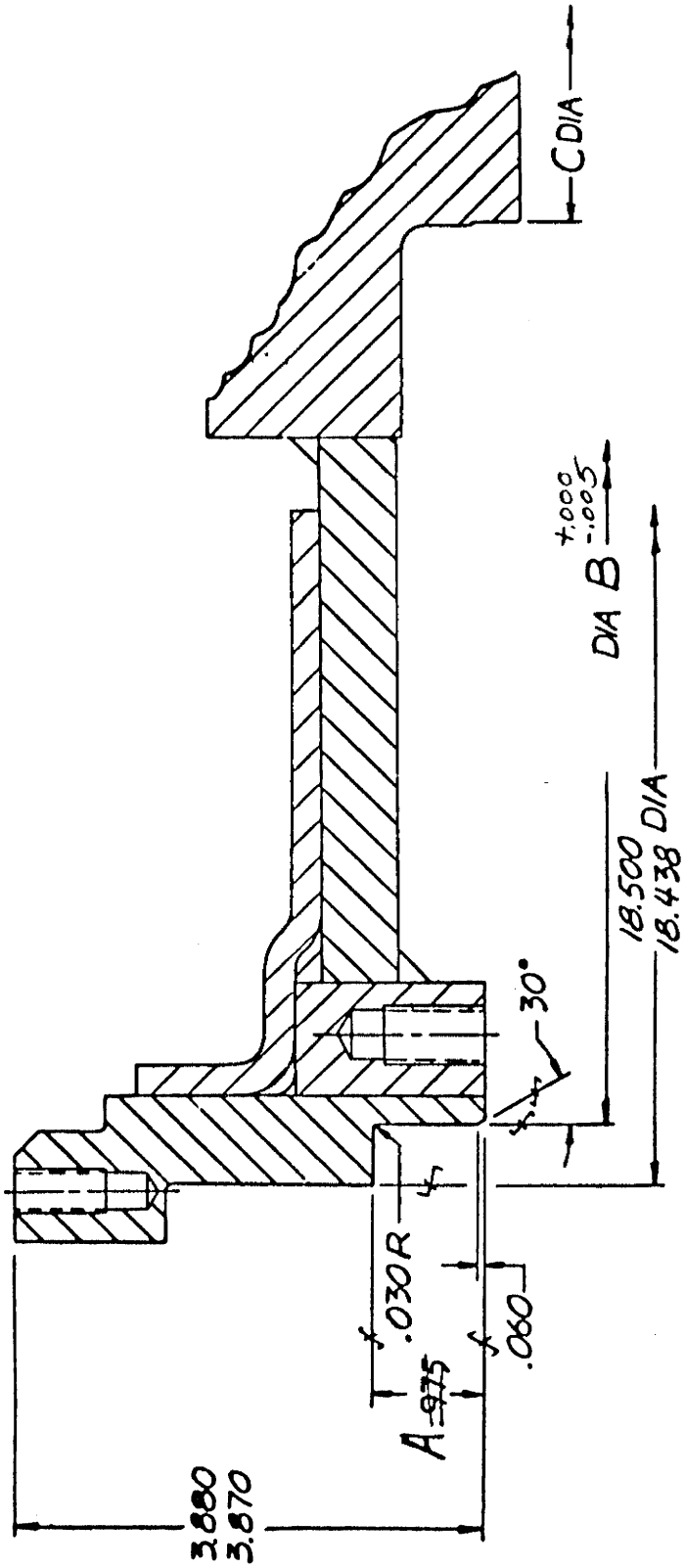


CONST 4

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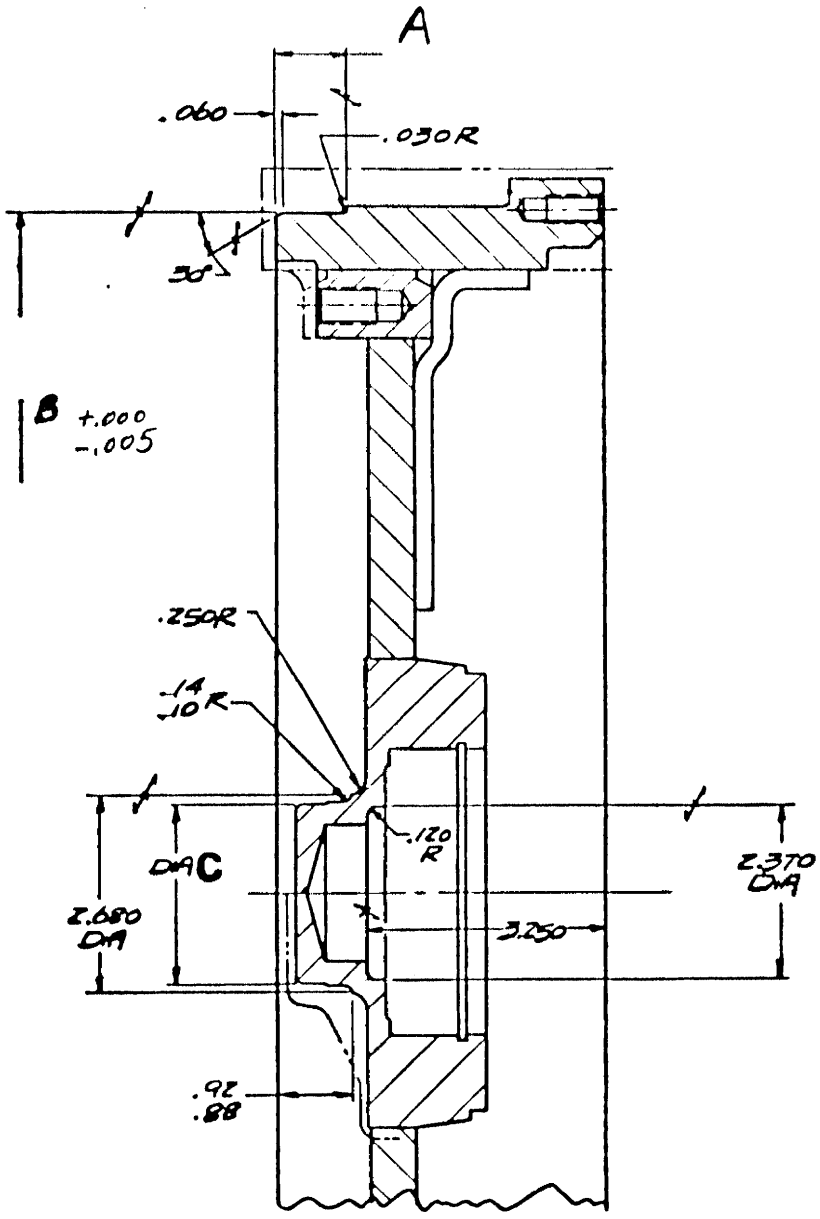


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CONT. 6.

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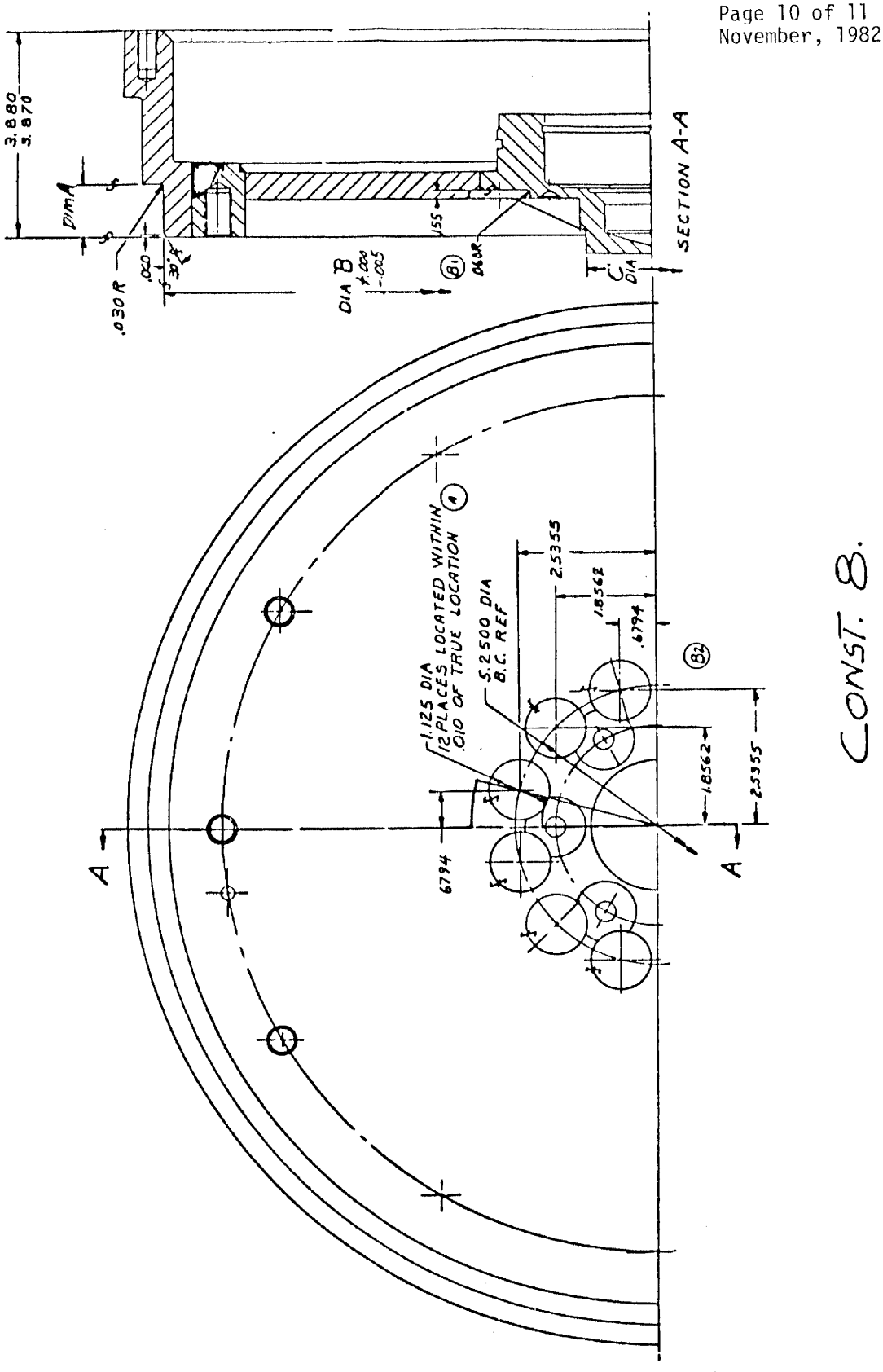


CONST 7

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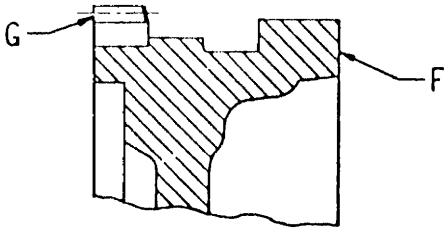
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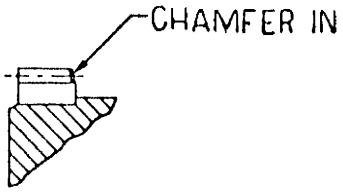
46-TR-82
Page 10 of 11
November, 1982



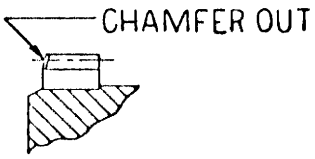
CONST. 8.

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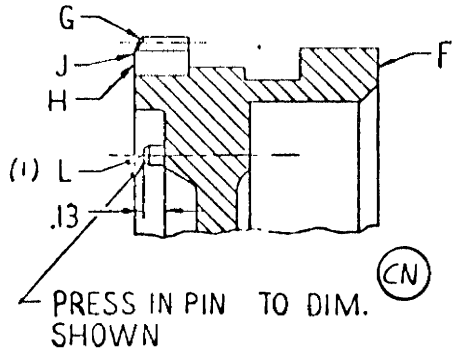


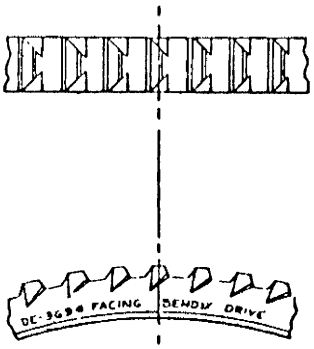


RING GEAR POSITION "A"

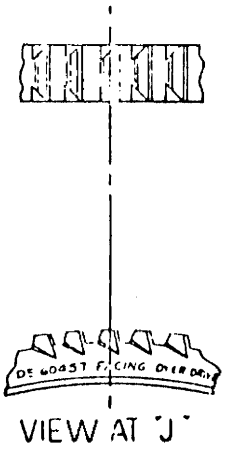


RING GEAR POSITION "B"





VIEW AT "H"



VIEW AT "J"

ASSEMBLE RING GEAR AS SPECIFIED.
DO NOT HEAT OVER 400°F WHEN SHRINKING ON.

SIL

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This S.I.L. is being revised to include dimensions on Page 5. Please destroy your 63-TR-83 copy.

63-TR-83
Page 1 of 7
December, 1983
Rev. "A", 9/84

SUBJECT: Manual and/or Automatic Electric Control Valve Body Assemblies - Cleaning of Solenoid Oil Feed Passage and the Battering of Solenoid Plate and Valve Body by Ball-Type Check Valves

EQUIPMENT AFFECTED: CLBT/CLT-9000, DP-8000 and CT, CLT, CBT, VCLT, CLBT, VCLBT-5000 and 6000 Series Transmissions Equipped with Electric Control Valve Body Systems

This is to advise of a recent change to the detail control valve body of the subject transmissions to provide a better method of removing dirt and debris from an internal oil passage during rebuild or repair. Instances may occur where a malfunction of the control valve body may exist after rebuild, due to inadequate cleaning of this internal oil passage. The change replaced the expansion-type plug indicated in Figure 1 with a 1/8-inch pipe plug and added a 0.250 inch diameter hole on the "View A" surface of valve body. By removing the pipe plug and directing air under pressure at the added .250 diameter hole, cleaning of this solenoid oil feed galley (approximately 14 inches long) can be accomplished. To provide this accessibility on valve bodies in field service, refer to "Rework of Control Valve Body" below.

In regard to the presence of battering at the control valve body mating solenoid plate, the area and effect is illustrated in Figure 2. This is the result of the ball-type check valve action in the valve body port during operation. This is to advise that this condition may eventually affect transmission operation resulting in wear of the low and intermediate clutch plates due to clutch overlaps. Therefore, where battering or distortion is found on the solenoid plate as illustrated in Figure 2 (top of page) the solenoid plate should be replaced. The solenoid plate P/N 6880179 replacement should conform to the "current design" illustrated in Figure 2. Any extrusion of metal at valve body should be honed flat, using a flat stone. Remove any honing debris.

To eliminate check ball battering of the valve body, the steel check ball P/N 104919 has been replaced with a teflon check ball P/N 6880187. In addition, when this change was made the solenoid mounting plate P/N 6880179 was modified in the area circled in Figure 2. This area is cast .110 ± .070 inches and must be machined to .150 ± .010 inches; 100 percent cleanup is not necessary.

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Rework of Control Valve Body

1. Drill and remove the two-piece aluminum expansion plug from its bore in the control valve body. Refer to Figure 1.

   NOTICE: Use a drill bit smaller than the O.D. of the plug. Do not damage the bore surface during removal of the two-piece plug (approximately 0.500 inch long). Remove all debris and burrs.

2. Tap a 0.125-27 NPTF thread at opening.

3. Locate and drill a 0.250 diameter hole to a depth of 0.300 inch as directed in Figure 1. Remove all drill debris and burrs.

   NOTICE: This hole may not intersect exactly with the oil passage below but it will serve the intended purpose.

4. After machining rework is completed, direct air under pressure into the new hole to clean out any debris in solenoid oil passage which will be exhausted at the newly tapped hole location.

5. Install a 1/8-inch pipe plug at the newly tapped hole. Plug, P/N 444612 currently used at the oil pressure check locations on this control valve body may be used.

This completes rework procedure.

Revision of Manual/Automatic Electric Valve Body and Related Parts Used in 5/6/8000 Transmissions

Starting with DP-8000 transmission S/N 3466 and S/N 78507 on 5/6000's, provisions to make cleaning of the solenoid regulated pressure passage easier have been incorporated in the subject valve body.

In earlier valve body assemblies (related above), orifices were pressed into the valve body (see Figure 3). The cleaning of these orifices was accomplished by blowing solvent and air through a port in the body. To facilitate easier cleaning of the orifices, the orifices are no longer pressed into the valve body, but are now pressed into the solenoid plate. This solenoid plate can be visually identified by the long cast channel as shown in Figure 3.

SIL

The part number changes as a result of this change are as follows:

New Part No.	Old Part No.	Qty.	Part Name
6884780	6839058	1	Body Assy., Control (5/6000)
6884782	6838820	1	Body Assy., Control (DP-8000)
23015776	6835546	1	Cover & Plate Assy. (12V - 5/6/8000)
23012904	6835417	1	Cover & Plate Assy. (24V - 5/6/8000)
23014209	6838425	1	Cover & Plate Assy. (24V - 5/6000)
6880179	6835413	1	Plate, Solenoid (5/6/8000)
6880178	6835414	1	Gasket, Solenoid Plate (5/6/8000)

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Interchangeability

DP-8000 - Prior to S/N 3466, service body assembly 6838820 with body assembly 6884782 plus plate assembly 6880179 and gasket 6880178.

Service cover and plate assembly 6835546 and 6835417 with 23015776 and 23012904 respectively (as applicable) plus gasket 6880178.

Service plate 6835413 with plate assembly 6880179 and gasket 6880178.

Service gasket 6835414 with gasket 6880178.

5/6000 - Prior to S/N 78507, service body assembly 6839058 with body assembly 6884780 plus gasket 6880178.

Service cover and plate assembly 6885546, 6885417, 6838425 and 6884692 with 23015776, 23012904, 23014209 and 23012898 respectively (as applicable) plus gasket 6880178.

Service plate 6835413 with plate assembly 6880179 and gasket 6880178.

Service gasket 6835414 with gasket 6880178.

IMPORTANT: When servicing old valve body with old plate, old gasket must be used. When servicing old valve body with new plate, new gasket must be used. When servicing new valve body with new plate, the new gasket must be used.

If the above parts are improperly interchanged, the transmission shift sequence will be altered and will shift to neutral in reverse range and to third in first and second range.

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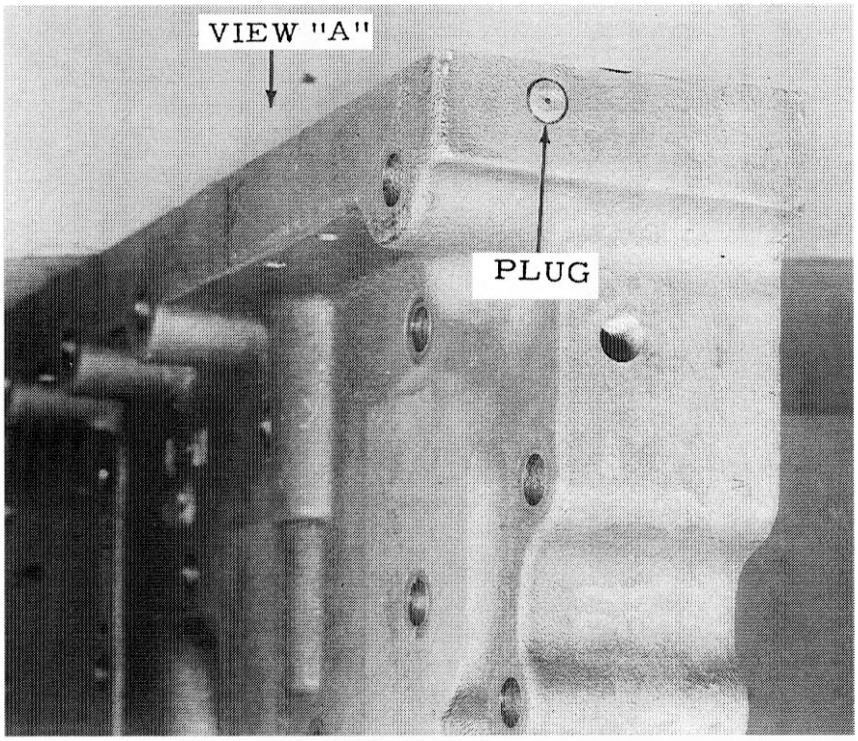
	COMPLETE VALVE BODY ASSY.	COVER AND PLATE ASSY.	SERVICE BODY DETAIL ASSY.	MODEL	VOLTAGE
NEW P/N	6884702	6884692	6884780	5/6000	12
OLD P/N	—	—	6839058	5/6000	12
NEW P/N	6884478	23015776	6884780	5/6000	12
OLD P/N	6881486	6835546	6839058	5/6000	12
NEW P/N	6884480	23014209	6884780	5/6000	24
OLD P/N	6881488	6838425	6839058	5/6000	24
NEW P/N	23014414	23012904	6884780	5/6000	24
OLD P/N	6881487	6835417	6839058	5/6000	24
NEW P/N	6884481	23015776	6884782	8000	12
OLD P/N	6838818	6835546	6838820	8000	12
NEW P/N	23012902	23012904	6884782	8000	24
OLD P/N	6838817	6835417	6838820	8000	24

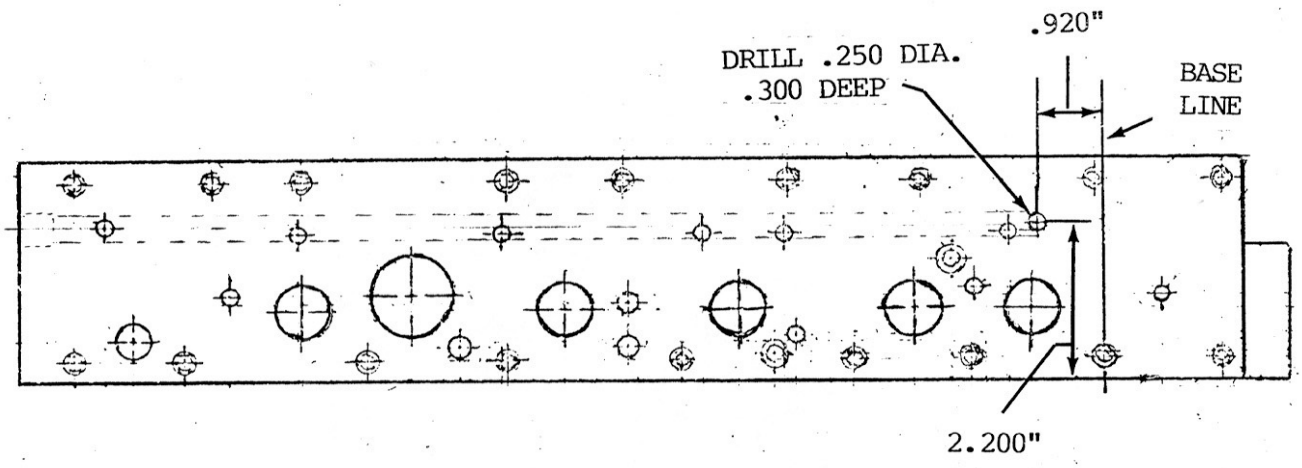
Spare Parts Information

Old gasket P/N 6835414 is replaced by P/N 23016647 and this gasket will be maintained for servicing transmissions in the field.

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PLUG

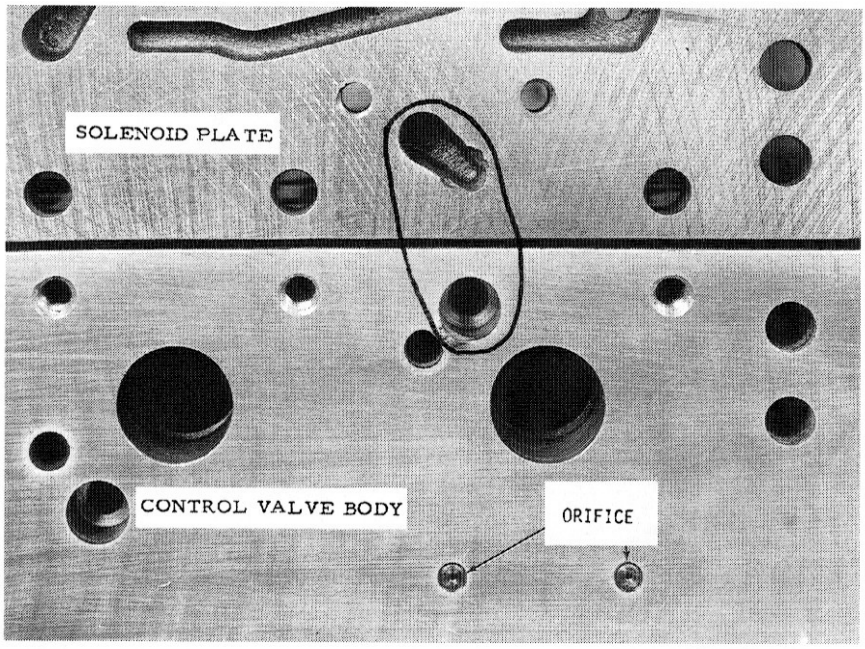




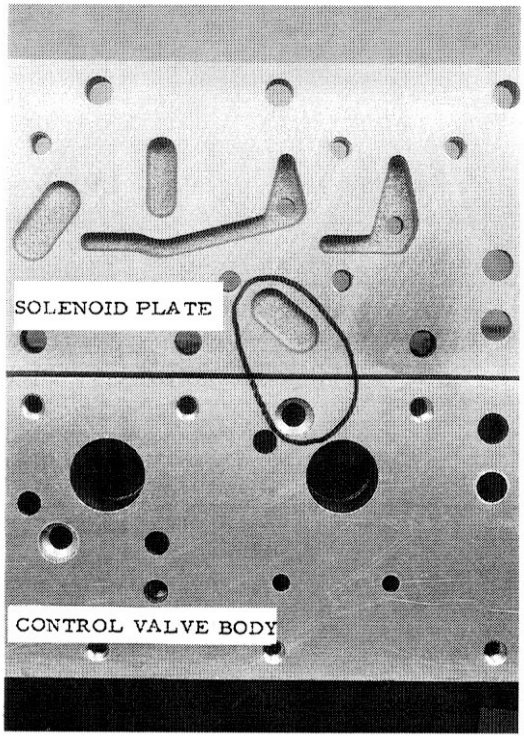
VIEW AT "A"

FIGURE 1. CONTROL VALVE BODY - REWORK LOCATIONS AND DIMENSIONS

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FORMER
DESIGN



CURRENT
DESIGN

FIGURE 2. CONTROL VALVE BODY AND MATING SOLENOID PLATE FORMER DESIGN VERSUS CURRENT DESIGN

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December, 1983
Rev. "A", 9/84

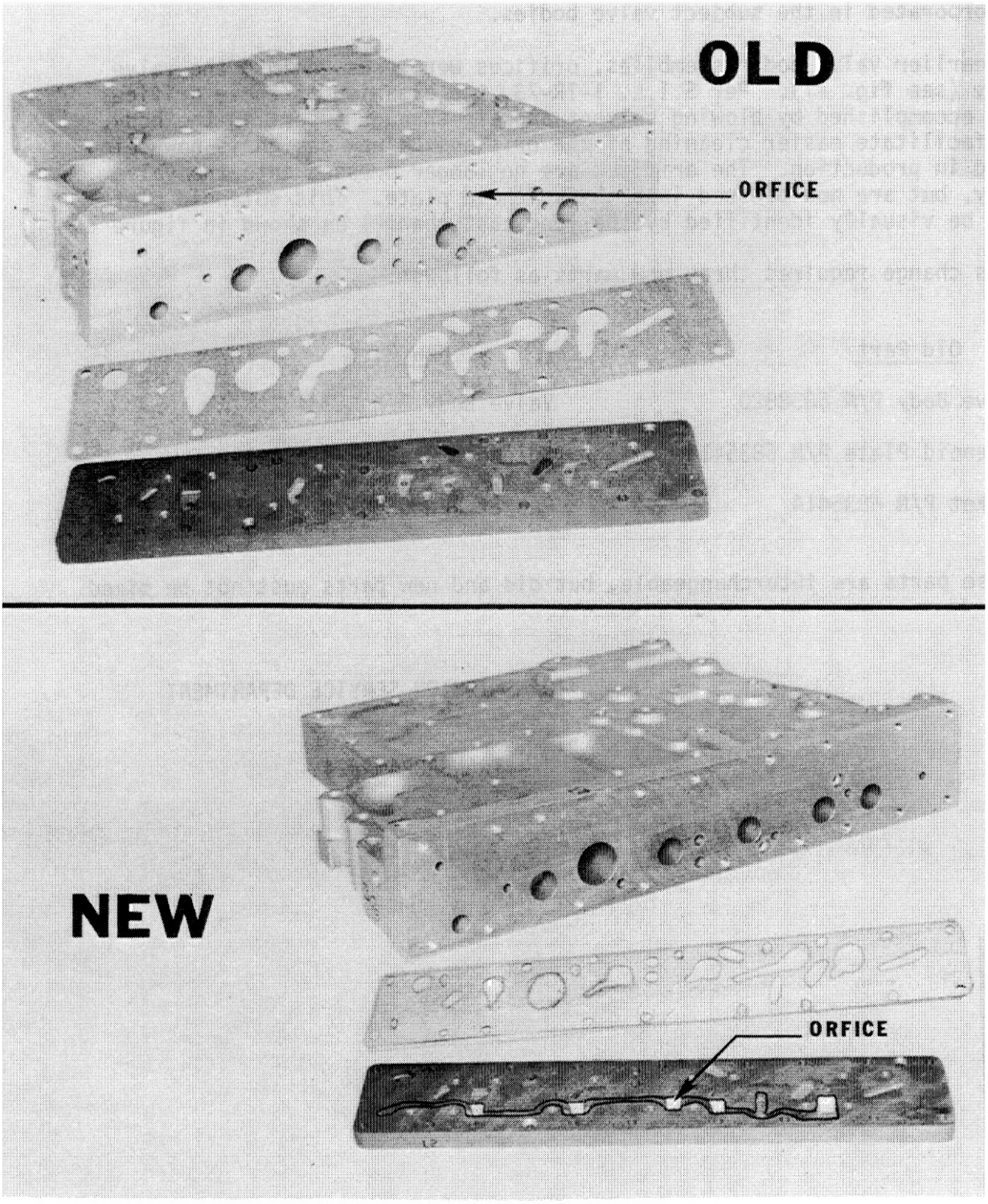


FIGURE 3. NEW AND OLD VALVE BODY ASSEMBLY AND RELATED PARTS

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64-TR-83 Service Information Letter
replaces S.I.L. 554. Please destroy
your copy of S.I.L. 554.

SUBJECT: Increase in Turbine Shaft Diameter

EQUIPMENT AFFECTED: 5940, 5960, 6060 Series Transmissions
5640, 5660, 5840, and 5860 Series Transmissions

Due to the effects of engine torsionals, the diameter of the turbine shaft has been increased. Parts associated with the turbine shaft have also been changed to accommodate the larger shaft.

New assembly numbers have been assigned to all current production models to facilitate parts ordering and service. The assembly number changes will become effective with the use of the new parts.

The new parts can be installed into earlier transmissions but must be used as a group. The parts required are listed below.

Part Changes in 5940-5960-6060 Series Transmissions

Splitter Carrier

New Part No.	Replaced Part No.	Part Name	Qty.
6779801	6779790	Splitter Carrier Assy.	1
6779802	6779791	Splitter Carrier	1

Increased Size Turbine Shaft

New Part No.	Replaced Part No.	Part Name	Qty.
6778435	6774291	Shaft, Turbine (Brake Models)	1
6831068	6774294	Shaft, Turbine (Non-Brake Models)	1
6830599	6830596	Turbine Assy. (Single Tractor)	1
6830599	6830597	Turbine Assy. (Two Stator)	1
6774703	6703059	Snapring, Turbine Hub	1
6774704	None	Spacer, Turbine Shaft Brg.	1
23019649	6703026	Sealring, Turbine Shaft	3
6774708	6756322	Locknut, Converter	1
6774709	6756319	Race, Stator	1
6774710	6759855	Plate, Stator Backing	1
None	6770579	Spacer, Pump Hub Bearing	1
6775834	6772856	Sleeve, Conv. Ground (Brake Models)	1
6774712	6770719	Sleeve, Conv. Ground (Non-Brake Models)	1
23019731	23019650	Sealring, Ground Sleeve	2
907564	907135	Bearing, Conv. Pump Hub	1
6774701	6770584	Gear, Accessory Drive	1

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The assembly procedure for installing the new parts is the same as the procedure for the old parts, except as it is affected by the following items.

1. The pump hub bearing spacer P/N 6770579 has been eliminated. The new stator backing plate, P/N 6774710, serves as backing plate and spacer.
2. A spacer, P/N 6774704, has been added between the turbine hub and the roller bearing that supports the end of the turbine shaft.
3. The turbine locating snapring fits into a groove in the turbine hub instead of into a groove in the turbine shaft.

Parts Changes in 5640-5840-5860 Series Transmissions

Splitter Carrier

New Part No.	Replaced Part No.	Part Name	Qty.
6779801	6779790	Splitter Carrier Assy.	1
6779802	6779791	Splitter Carrier	1

Increased Size Turbine Shaft

New Part No.	Replaced Part No.	Part Name	Qty.
6778435 (1)	6770841	Shaft, Turbine (Non-LU, Brake)	1
6775827 (1)	6770842	Shaft, Turbine (Non-LU, Non-Brake)	1
6778435	6774291	Shaft, Turbine (Brake Models)	1
6775827	6774294	Shaft, Turbine (Non-Brake Models)	1
6830599	6831803	Turbine Assy. (Single Stator-No LU)	1
6830599	6830596	Turbine Assy. (Single Stator-LU)	1
6830599	6830601	Turbine Assy. (Two Stator-No LU)	1
6830599	6830597	Turbine Assy. (Two Stator-LU)	1
6774703	6703059	Snapring, Turbine Hub	1
6774704	None	Spacer, Turbine Shaft Brg.	1
6777076	6703026	Sealring, Turbine Shaft	3
6774708	6756322	Locknut, Converter	1
6774709	6756319	Race, Stator	1
6774710	6759855	Plate, Stator Backing	1
6774712	6770719	Sleeve, Conv. Ground (5640-5660-5840-5860 Non-Brake Models)	1
6775834 (3)	6770722	Sleeve, Conv. Ground (5840-5860 Brake Models)	1
6775834 (2)(3)	6770717	Sleeve, Conv. Ground (5640-5660 Brake Models)	1
23019650	6774721	Sealring, Ground Sleeve	2
907564	907272	Bearing, Conv. Pump Hub	1
6774701	6756554	Gear, Accessory Drive	1
6770585	6756574 (2)	Retainer, Pump Hub Brg.	1

(1) Requires rework of shaft - See Figure 1.
(2) Requires rework of ground sleeve - See Figure 2.
(3) Requires rework of hydraulic circuit - See Figure 3.

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New Part No.	Replaced Part No.	Part Name	Qty.
6770578	6756570	Lockstrip, Brg. Retainer Bolt	6
6883461	23011671	Pump Assy., Conv. (TC-550 Series)	1
6881822	23011673	Pump Assy., Conv. (TC-570 Series)	1
6881826	23011675	Pump Assy., Conv. (TC-580 Series)	1
6881830	6885269	Pump Assy., Conv. (TC-590 Series)	1

The assembly procedure for installing the new parts is the same as the procedure for the old parts, except as it is affected by the following items.

1. A spacer, P/N 6774704, has been added between the turbine hub and the roller bearing that supports the end of the turbine shaft.
2. A one-piece bearing retainer, P/N 6770585, replaces the two-piece retainer, P/N 6756574. The old retainers fit into a groove in the old bearing. The new retainer fits into an undercut in the new bearing.
3. The turbine locating snapring fits into a groove in the turbine hub instead of into a groove in the turbine shaft.

Parts Interchangeability

All of the new parts can be used in earlier transmissions but cannot be used individually. They must be used as a group.

None of the replaced parts can be substituted for the new parts.

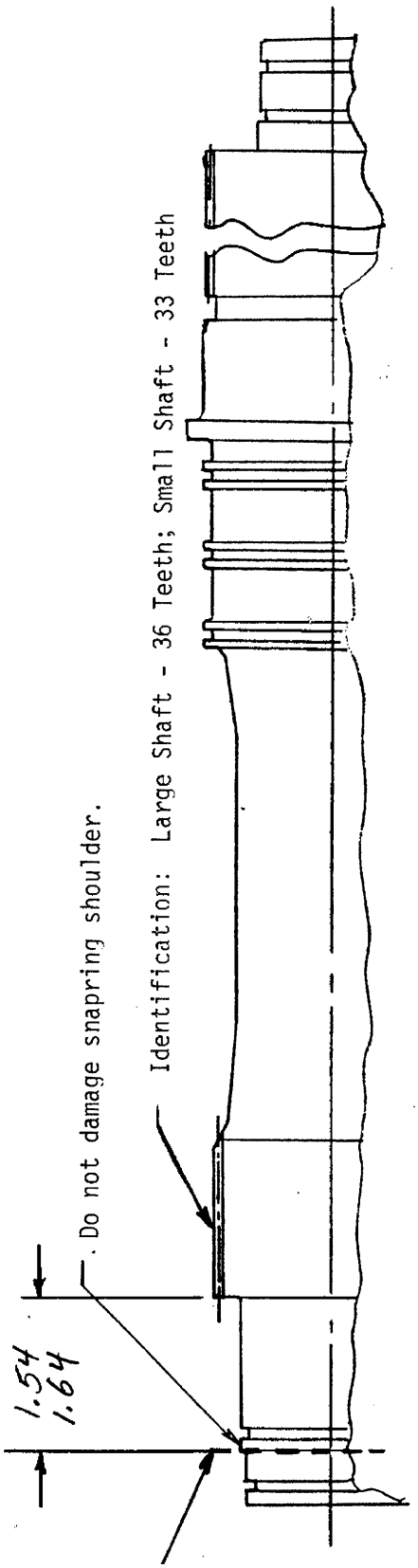
Spare Parts Information

All of the replaced turbine shafts, ground sleeves and the splitter carrier will be cancelled for service when current stock is exhausted. The remaining parts will be maintained for service.

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Page 4 of 6
November, 1983

Rework larger 6831068 (CLT) or 6778435 (CLBT) turbine shaft for service of CT or CBT Models with small turbine shaft. New ground sleeve, converter elements and associated parts must be used in conjunction with shaft. Caution: 6770838 cover must continue to be used instead of a lockup shift valve assembly.



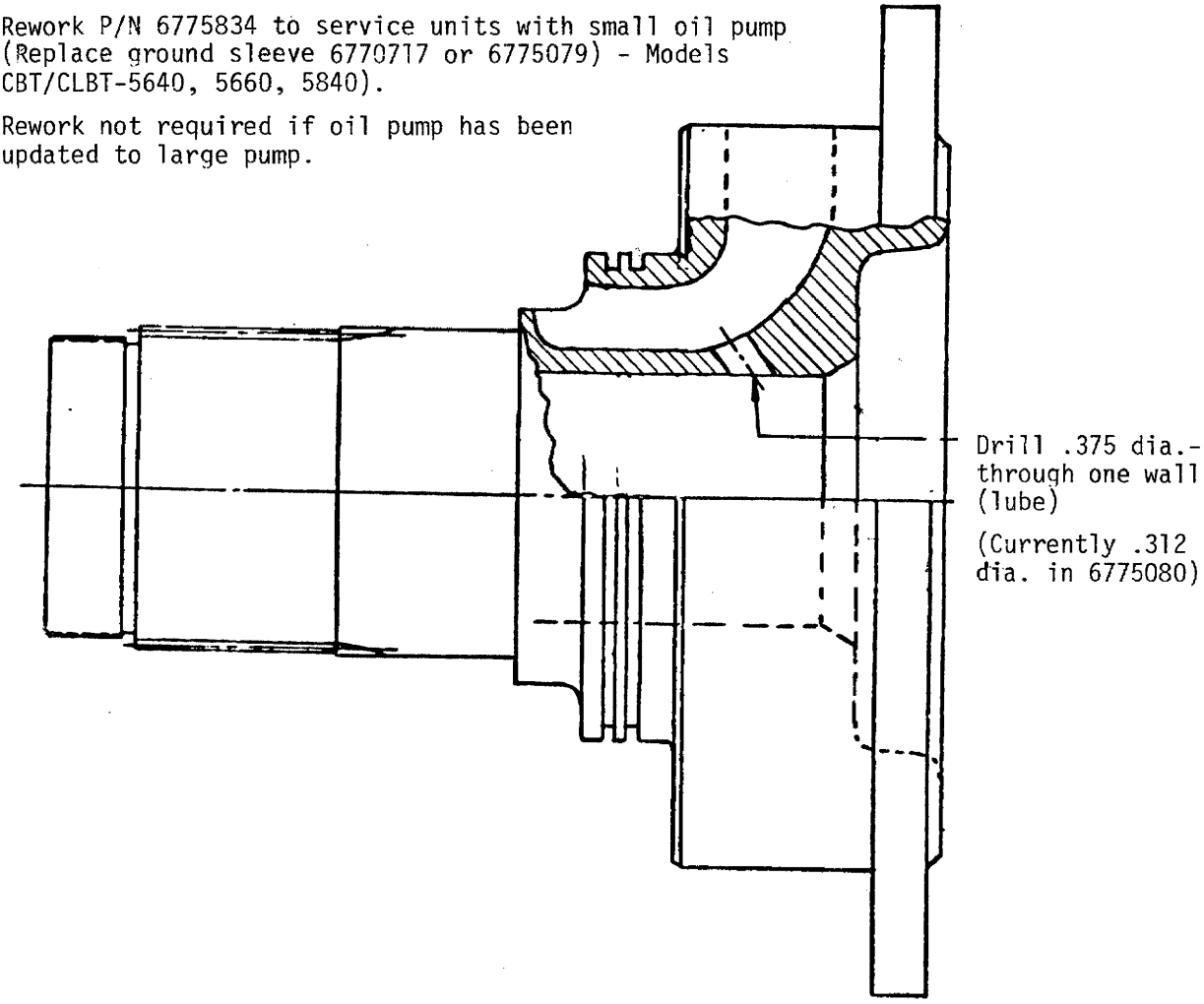
NOTICE: Shaft is case hardened. Grind approximately .020 deep at cutoff location prior to use of cutting tool.

FIGURE 1

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Rework P/N 6775834 to service units with small oil pump (Replace ground sleeve 6770717 or 6775079) - Models CBT/CLBT-5640, 5660, 5840).

Rework not required if oil pump has been updated to large pump.



Oil Pump Identification:

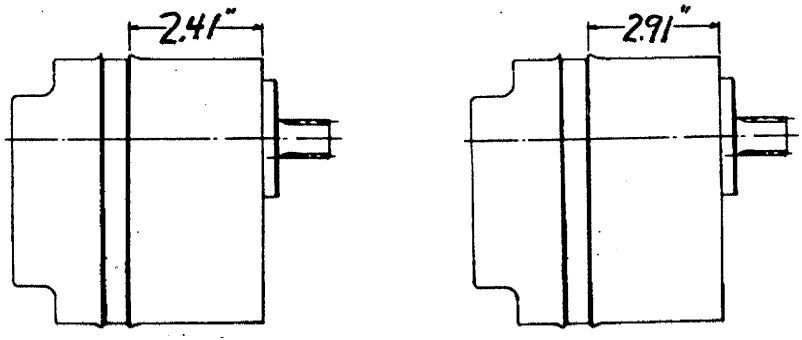


FIGURE 2

SIL

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Page 6 of 6
November, 1983

Rework 5640 through 5840 retarder housing to provide autoflow hydraulic circuit to use 6775834 ground sleeve.

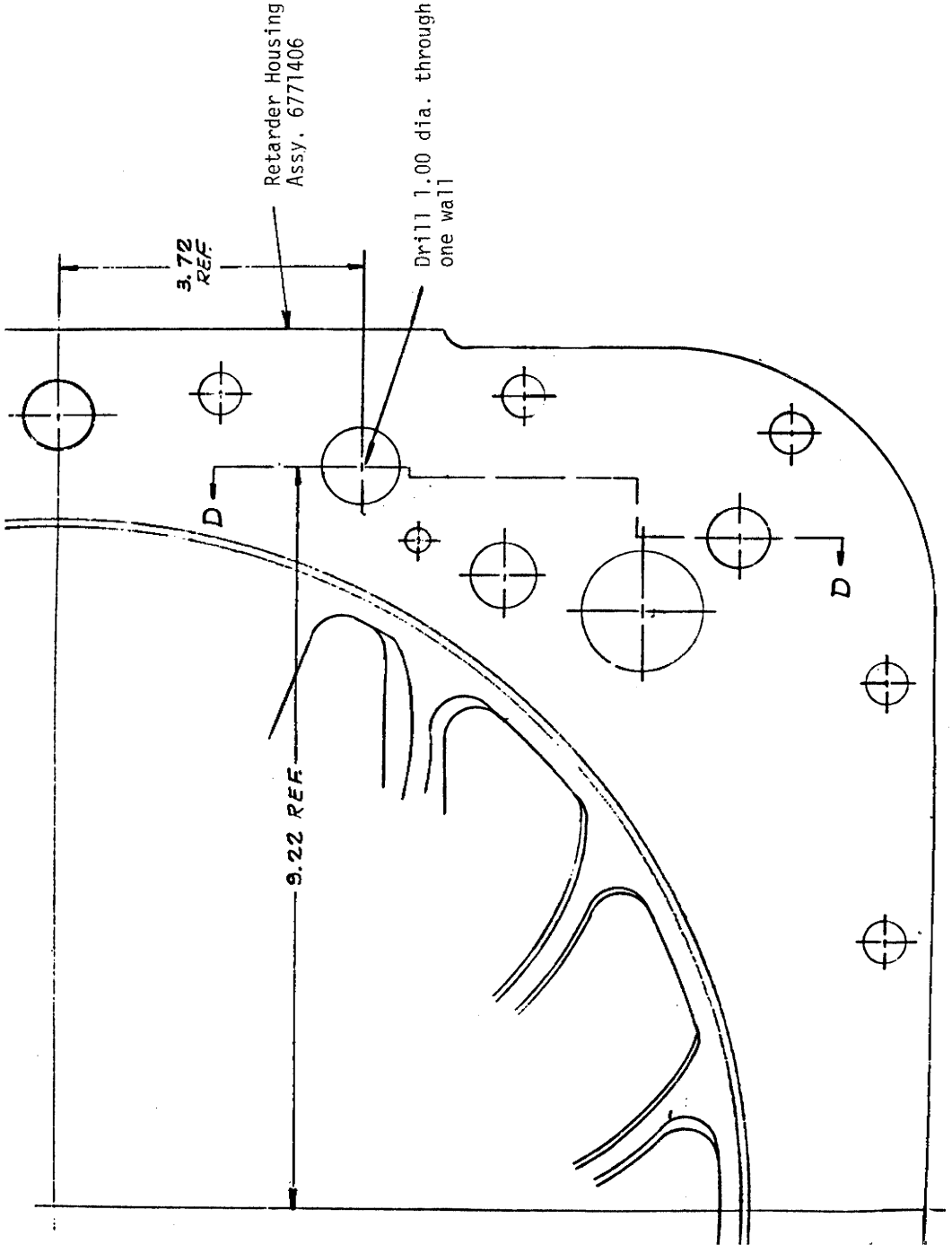


FIGURE 3

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22-TR-84
Page 1 of 3
October, 1984

SUBJECT: Availability of Main and Cooler Circuit Filters

EQUIPMENT AFFECTED: CLBT–5/6000, DP–8000, CLBT–9000

New high efficiency main filters will be standard equipment in production for the subject transmissions beginning October 1984. These will replace the AC filters currently used.

Additionally, a non bypassing cooler circuit filter to protect transmissions from contamination following rebuild installation has been released. This can eliminate costly cooler replacements.

The Parts Department has available and in stock for field retrofit, a new high efficiency series of filter assemblies and elements to fit most applications of main and cooler circuits on subject transmissions.

There are several benefits outlined in a brochure, SA 2002, readily available in quantities through our literature catalog. The main benefits are:

- Increased cleanliness due to 12 micron versus 29 micron absolute rating.
- Filter change intervals increased to 1,000 hours, up to four times the interval for AC elements.
- Semi spin on design for ease of element change.
- Increased cold startup bypass characteristics and burst pressure over AC.
- Highly reliable differential pressure switch to alert operator before filter bypasses.

Two grades of media are utilized:

- 3 micron absolute to be used in main filter circuit for flushing approximately 20 hours with rebuilt transmission installations. This process assures proper cleanliness level of system by capturing contaminants released from assembly and installation, and residual particles in oil and circuitry of the vehicle.
- 12 micron absolute for optimum life between changes with a clean system. Filter elements should be replaced at 1,000 hour intervals or upon indication of the differential pressure warning given prior to filter bypassing.

The differential pressure switch located in base of main filter is set at 16 ± 3 PSID and the filter bypass valve is set at 50 ± PSID.

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The differential pressure switch located in base of cooler filter (one of two places DP–8000, CLBT–9000 Series) is set at 16 ± 3 PSID, however, these filters are non bypass type.

Analysis has shown that 95 percent of the useful life of elements prior to bypass have been consumed at 16 PSID.

A cab warning signal at this point will permit the operator to continue working to the end of a shift prior to changing filters.

Drawing AS 0074 describes installation requirements for main circuit filters. Cooler circuit filter installation varies among transmission applications. Consult your vehicle manufacturer for specific recommendations for cooler circuit installation.

Generally, if the cooler has been proven to be functionally acceptable but contaminated with debris from a failure, cooler filters should be installed after the cooler.

New installations of filter assemblies should be installed before the cooler if contamination is not suspected. This will protect both the cooler and transmission from possible contamination in the event of transmission failure.

Spare Parts Information:

The following describes the available parts.

Main Circuit Filter Assemblies – All Subject Models – P/N 23018849 double element integral mount assembly (will bolt directly in place of AC assembly), P/N 23018842 single element remote mount assembly.

Cooler Circuit – CLBT–5/6000 Series – P/N 23018844 single element base assembly.

Cooler Circuit – DP–8000, CLBT–9000 Series – Three parts are required for installation: P/N 23018847 single element base with differential pressure switch, P/N 23018848 single element base without differential pressure switch and P/N 23018854 manifold kit to connect bases.

Notice: All base assemblies include 12 micron absolute elements as received.

Replacement Elements

- All Integral Mount (2 Per Change Required)
- P/N 23018851 – 12 Micron
- P/N 23018850 – 3 Micron

(1 Per Change Required)

- P/N 23018852 – 12 Micron
- P/N 23018853 – 3 Micron

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Notice: 3 micron elements are to be used in the main circuit only on initial base installation and after subsequent transmission installations in same vehicle to thoroughly clean the system. Then changed after 20 hours to 12 micron elements.

Differential Pressure Switch

- P/N 23018846 - 16 PSID

Three pin MS electrical connector, common, normally open, normally closed.

Notice: A pressure switch tester is being devised and the field will be notified when available.

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2-TR-86, Rev A
Page 1 of 7
October, 1988

SUBJECT: Allison Transmission High Efficiency Filters
- Release of Ultipor II® Elements

EQUIPMENT AFFECTED: HT/CLBT/V700, CLBT 5/6000, DP 8000, CLBT 9000 Series Transmissions

This Service Information Letter announces the release of the Ultipor II® filter element for the ATD high efficiency filters. This 6 micron element has additional debris holding capacity for greater filter life. The former 3 micron cleanup element and 12 micron service elements are no longer available. Six micron absolute filtration provides maximum gear and bearing life and reliable control valve operation with an extended change interval over other filters. The ATD high efficiency filters are equipped with positive sealing bypass valves to prevent unfiltered oil from bypassing around the filter elements.

IMPORTANT - WHENEVER THE FILTER ELEMENTS ARE CHANGED, THE BY PASS VALVES MUST BE INSPECTED. A visual check should show the bypass valve sealed in the filter head with no movement when pushed by a fingertip. If the valve is cocked, loose, or missing, the filter head will require replacement. (The cooler circuit filters on the 5/6/8/9000 series transmissions are not equipped with bypass valves.)

The filter assemblies are equipped with a differential pressure switch (ΔP) to indicate when the filter element is 95% plugged and requires service. This serves two important functions; it allows the actual change interval to be determined for each customer's application, and it is a good service requirement indicator. Premature filter plugging may indicate an internal failure and signals a service requirement before extensive secondary damage can occur. NOTE: An early indication of the filter warning light at first installation may be due to plugging of the filter as it cleans the system to the 6 micron level. Unless the fluid visibly looks contaminated, do not change the transmission oil. New oil may be contaminated by storage. If problems arise, check with your oil supplier or perform an oil analysis. An ATD oil analysis sample kit, P/N 8928882, is available through service parts.

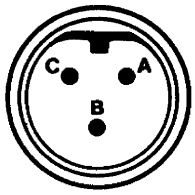
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Since the differential pressure switch is an important part of the cost saving feature, ATD strongly recommends that a two light indicator system, as shown in Figure 1, be installed to monitor differential pressure switch function. An alternate transmission filter monitor kit P/N TMR 8000 is marketed by Pall Industrial Hydraulics Corporation. It is also advisable to routinely test the switch and circuit as a part of the regular vehicle preventative maintenance procedure. A test block and pressure test gage may be fabricated as shown in Figure 2.

In addition to the above features, the filter is sealed with "O" ring seals to provide leak free operation. The semi spin-on design with the threaded collar canister retainer provides improved burst strength on cold start up and ease of element change.

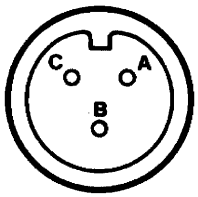
Part numbers for the various model transmissions are listed in Figures 3, 4 and 5.

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Male Electrical Connector
(part of switch)

MS 3102R-10SL-3P
(revised)



Female Electrical Mating Connector

MS 3106 A10SL-3S (straight plug)
or
MS 3108 A10SL-3S (90° angle plug)

Electrical Ratings: 3 Amp (inductive); 5 Amp (resistive) 28V dc

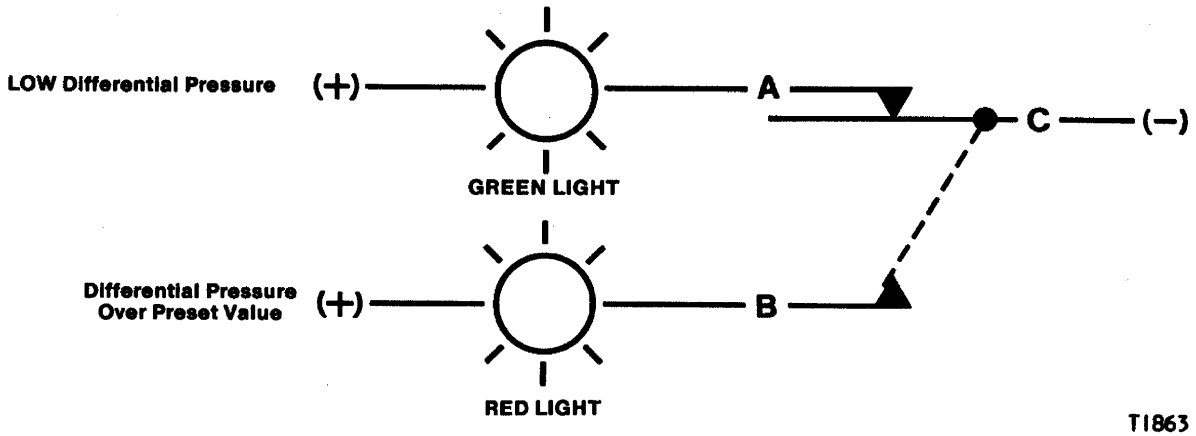
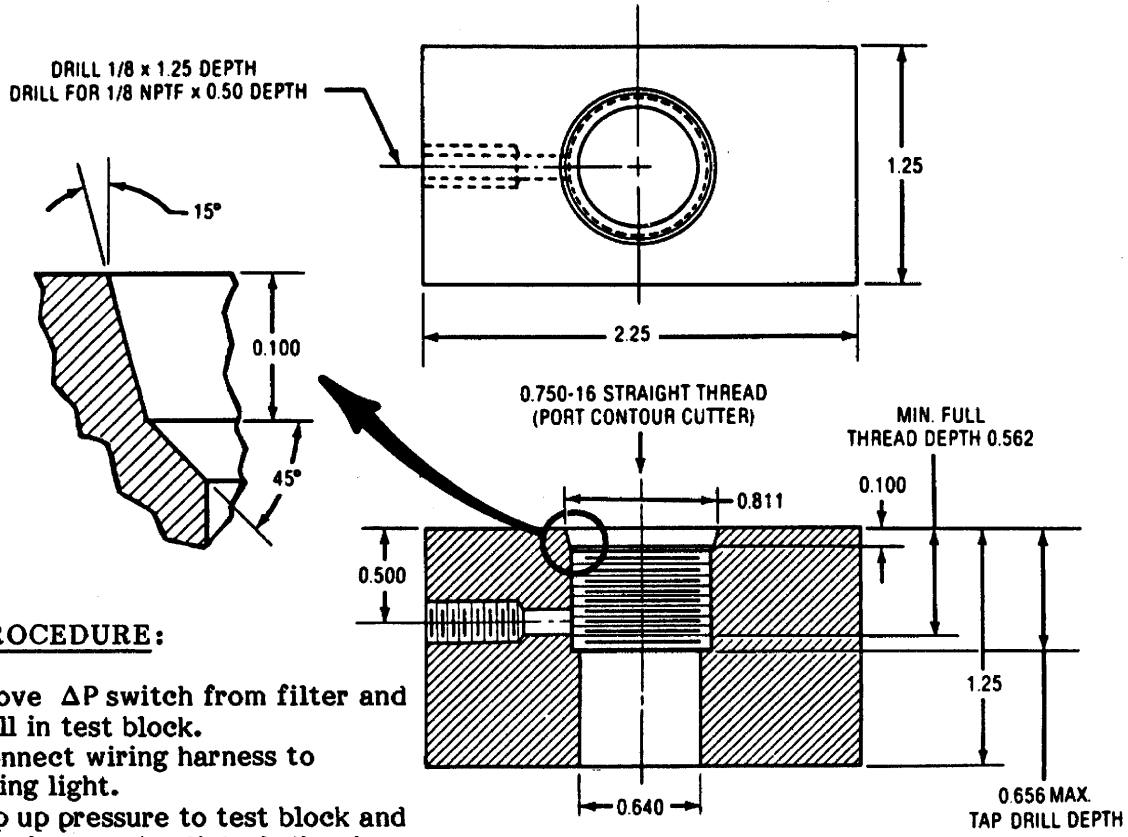


FIGURE 1

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DIFFERENTIAL PRESSURE SWITCH TEST BLOCK



TEST PROCEDURE:

1. Remove ΔP switch from filter and install in test block.
2. Reconnect wiring harness to warning light.
3. Pump up pressure to test block and watch for warning light indication.
4. ATD switch P/N 23018846 should indicate at 16 psi (± 3 psi).

PRESSURE SWITCH GAGE TESTER

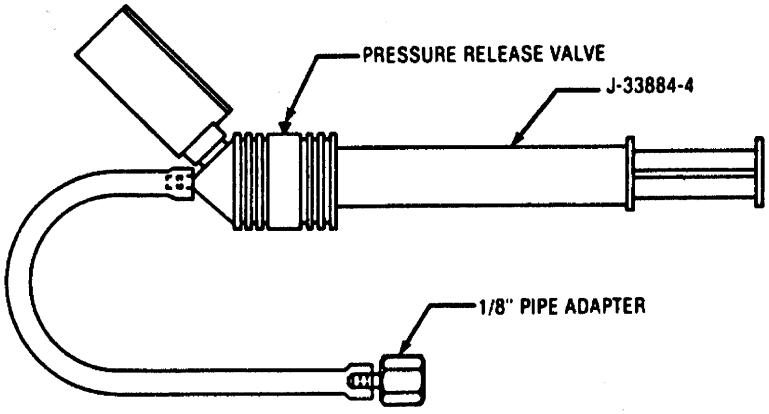
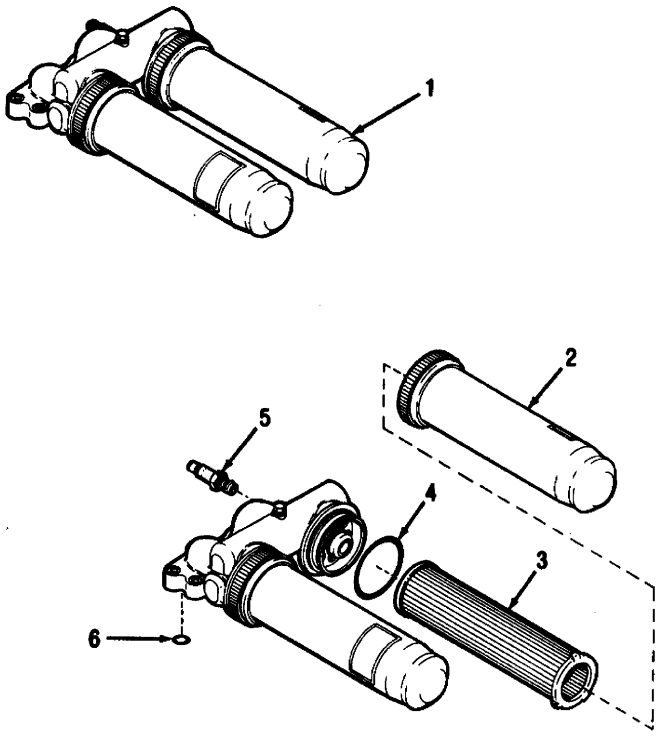


FIGURE 2

SIL

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DIRECT MOUNT FILTER



5/6/8/9000 SERIES TRANSMISSION

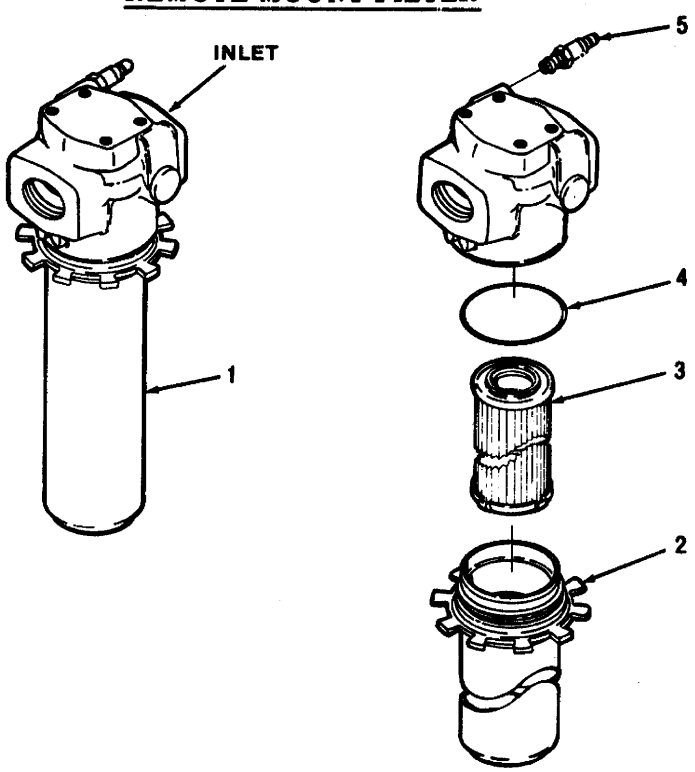
Ref. No.	Nomenclature	Part Number	Req.
1	Filter Assembly	23018849	1
2	Filter Bowl	23040664	2
3	Element	23049373	2
4	Ring Filter Seal	23018950	2
5	Switch	23018846	1
6	'O' Ring Seal	23045105	2

T2100

FIGURE 3

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REMOTE MOUNT FILTER



5/6/8/9000 TRANSMISSION MAIN CIRCUIT

GROUP A	Ref No.	Nomenclature	Part Number	Req.
	1	Filter Assembly	23018842	1
	2	Filter Bowl	23040663	1
	3	Element	23049374	1
	4	Ring Filter Seal	23018958	1
	5	Switch	23018846	1

5/6000 TRANSMISSION COOLER CIRCUIT

GROUP B (Same as Group A except for parts listed below):

	1	Filter Assembly	23018844	1

8/9000 TRANSMISSION COOLER CIRCUIT

GROUP C (Same as Group A except for parts listed below):

	1	Filter Assembly (w/Switch)	23018847	1
	1	Filter Assembly (wo/Switch)	23018848	1
		Manifold	23018854	1

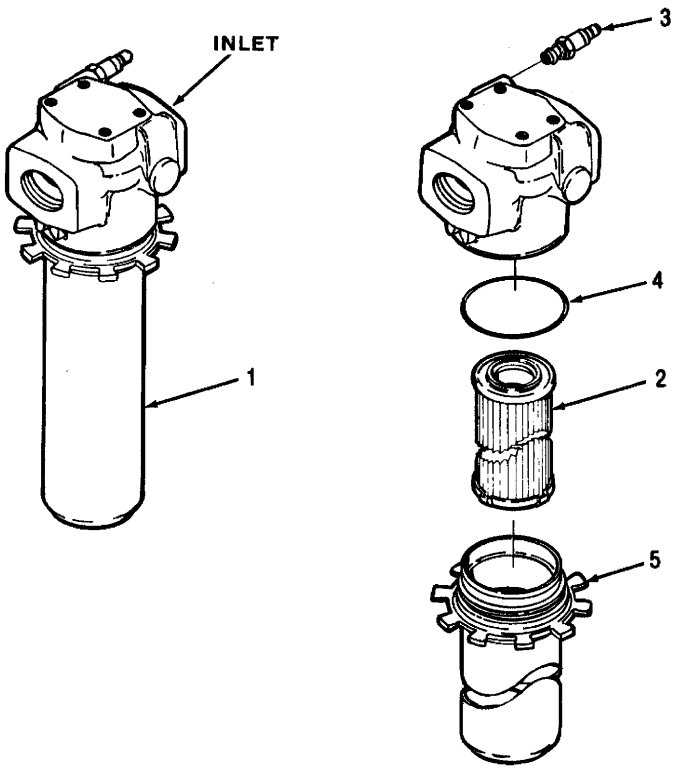
T2099

FIGURE 4

SIL

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REMOTE MOUNT FILTER



700 SERIES TRANSMISSION
GROUP A, MAIN CIRCUIT AND COOLER WITHOUT RETARDER

Ref No.	Nomenclature	Part Number	Req.
1	Filter Assembly	23042870	1
2	Element	23040988	1
3	Switch	23018846	1
4	Ring Filter Seal	1196599 (Pall P/N)	1
5	Filter Bowl	1300653 (Pall P/N)	1

GROUP B, COOLER CIRCUIT W/RETARDER (Same as Group A except for parts listed below):

1	Filter Assembly	23040987	1

T2099

FIGURE 5

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This SIL replaces 16-TR-86, Rev. C, dated September, 1988. Please destroy your copy of 16-TR-86, Rev. C.

16-TR-86, Rev. D
January, 1991
Product Code(s): 31, 42

SUBJECT: Retrofit of Manual-Electric or Automatic-Electric Hauling Transmissions to Allison Transmission Electronic Controls For Hauler Applications (Note: For models already retrofitted with electronic controls, refer to Service Information Letter 8-TR-87.)

EQUIPMENT AFFECTED: CLBT 5/6/9000, DP 8000

Instructions for Retrofit

SA 2057, Retrofit of Manual/Automatic Electric (SPG) Hauling Transmissions to Allison Transmission Electronic Controls for Hauler Applications is available from Service Graphics.

Selection of Parts

Conversion of any manual- or automatic-electric Allison hauling transmission to electronic controls requires common parts listed below. Additional items unique to the specific model to be retrofitted must also be ordered and are detailed in this SIL.

Common Parts

Quantity	Description	P/N
1	ECU (New, Without PROM) (MY 87)	16074949
1	Throttle Position Sensor	23018860
1	Cab Harness	23047266
1	Secondary Mode Harness	23047278
1	Chassis Harness, 30 ft.	23041983
1	Lever Shift Tower	23046688
1	Guard	23045747
1	Main Control Assembly (Lock-in-Range*)	23045757

* Solenoid assemblies are lock-in-range design which is required for power loss protection on all vehicle propulsion applications. For parts in non-hauler applications, contact your ATD dealer or distributor.

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Common Parts (cont)

Quantity	Description	P/N
4	Bolt, 1/4-20 x 4-3/4-in.	9433579
4	Washer, 1/4-in.	9422845
1	Valve Body Assembly, Lockup	23045875
4	Bolt, 3/8-16 x 3-in.	9409226
3	Washer, 3/8-in.	9422847
5	Bolt, 3/8-16 x 1-1/2-in.	9409231
1	Gasket, Main Solenoid	6880178
1	Gasket, Lockup Valve Body	6880860
1	Field Altered Data Tag	6883719
4	Screw	145372

Answer these questions to order the remaining parts unique to the specific model to be retrofitted:

1. Is the transmission being converted from a manual-electric? If so, a speed sensor is required.

CLBT 5/6000	Straight Thru Configuration	
1	Speed Sensor	23015481
CLBT 5/6000	Dropbox	
1	Speed Sensor	23015482
1	Speed Sensor Shield	6837321
DP 8000		
1	Speed Sensor	6835104
1	Speed Sensor Guard	6837322
2	Bolt, 5/8-11 x 1-7/8-in.	271562

Questions 2 through 4 pertain to:

- CLBT 5/6000 Main Valve Body
- DP 8000 Low-Range Valve Body
- CLBT 9000 Trim Boost Valve Body

2. Is the unit a CLBT 5/6000? If so, the low range trimmer valve inner spring needs to be changed.

1	Trimmer Valve Spring, Inner	6839279
	and	
1	Gasket, Trimmer Valve Cover	6779835

3. Is the unit a DP 8000? If so, the low-range cover and plate assembly and gasket are required.

1	Cover & Plate Assembly, Low-Range	23045751
	and	
1	Gasket, Low-Range	6838821

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4. Is the unit a CLBT 9000? If so, the trim boost cover and plate assembly and gasket are required.

1	Cover and Plate Assembly, Trim Boost	23045750
	and	
1	Gasket, Trim Boost	23016553

5. Is a range attained dash display required?

   A dash mounted "Range Selected/Range Attained" digital display unit (DDU) is available from:

   DMR Electronics
   Rural Route 2, Box 97B
   3758 Pintar Road
   Hibbing, MN 55746 Phone: (218) 262-6693

6. What shift calibration is required?

   A PROM (Programmable Read Only Memory) and retainer assembly is required for installation in the ECU. Please contact your authorized Allison Transmission dealer or distributor for assistance in selecting the proper PROM and retainer for your application. Your ATD dealer or distributor will require the SCAAN number for the vehicle to provide necessary information for selecting the proper PROM and retainer assembly. Installation of the PROM and retainer assembly and the warranty security label is to be done only by an authorized ATD warranty outlet. The warranty does not cover damage caused by improper installation.

Powering the Electronic Controls System

Make provisions for properly powering the Electronic Controls system (designed for a 12-volt negative-ground vehicle electrical system). Make connections according to the drawings supplied with the Retrofit Manual SA 2057. Contact the OEM for assistance in acquiring the necessary hardware which they may have engineered for new installations. If OEM-designed hardware is not available, it will be necessary to provide a check transmission light, throttle position sensor brackets, relays, fuses, switches, alarm indicators, terminal block, and a 12V supply from a voltage converter or battery equalizer (if the vehicle has a 24V system). SA 2057 contains necessary information and drawings for installation of the electronic controls components and interface parts. A package designed for the interface which includes the relays, fuses, 24 - 12 volt converter and related wiring is also available from:

DMR Electronics
Rural Route 2, Box 97B
3758 Pintar Road
Hibbing, MN 55746 Phone: (218) 262-6693

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Field Altered Data Tag

After the conversion is completed, fill in the field altered data tag with the original transmission assembly number. Reference this SIL number as instructed in SIL 26-TR-82.

Additional Service Publications

The following service publications are available for 5000, 6000, 8000, 9000 Electronic Controls Transmissions:

5000, 6000, 8000, 9000 Electronic Controls Troubleshooting Manual	**SA 2032**
5000, 6000, 8000, 9000 Electronic Controls Operators Manual	**SA 2034**
5000, 6000, 8000, 9000 Electronic Controls Service Manual Supplement	**SA 2035**
Diagnostic Code Card	SA 2053

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This SIL revision replaces 3-TR-87.
Please discard your copy of 3-TR-87.
This revision includes P/N additions.

SUBJECT: Release of Neutral Lock "T" Handle Shift Towers for Manual and Automatic Electric Controls

EQUIPMENT AFFECTED: 5/6/8/9000 Series Transmissions

New shift towers lock the handle in the neutral position until a trigger is pulled. With the subject change, part number changes are as follows.

New Part No.	Description	Old Part No.
23017036	12 Volt Manual Shift Tower Assy	6836514
23017037	24 Volt Manual Shift Tower Assy	6836515
23017038	12 Volt Manual Shift Tower Assy	6836516
23017039	24 Volt Manual Shift Tower Assy	6836513
23017040	12 Volt Automatic Shift Tower Assy	6837301
23017041	24 Volt Automatic Shift Tower Assy	6836517
23017042	24 Volt Dual Automatic Shift Tower Assy	6884100
23017051	12 Volt Manual Shift Tower Assy (Short Handle)	
23045144	24 Volt Dual Automatic Shift Tower Assy	
23048644	24 Volt Dual Automatic Shift Tower Assy	23043533

Interchangeability: New parts are fully interchangeable with parts in service regardless of age.

Spare Parts Information: With the exception of the listed changes, many of the old shift tower parts are common to the new shift towers. Because of the intricate setting of the neutral lock mechanism, a "T" handle assembly will replace individual parts.

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New Part No.	Description
23047193	"T" Handle Assembly
23047194	"T" Handle Assembly for Shift Tower P/N 23017051
23047904	Cover Assembly for Manual Electric Shift Tower
23047903	Cover Assembly for Automatic & Dual Shift Tower
23047197	Fuse Holder
23047198	Screw
23047195	Adapter Drive
AGC 9	Fuse (Purchase Locally)

With the exception of the "T" handle assembly, which is not serviceable, the overhaul of the new shift towers is the same as the old shift towers, which is covered in the 5/6/8/9000 Hauling Transmission Service Manuals SA 1866, SA 1078, SA 1110, SA 1228, and SA 1833.

Rework Procedures

Manual Electric Towers: P/N 6836514, 6836515, 6836516, 6836513. To convert these towers to the new neutral lock "T" handle tower, the following changes are necessary.

NOTE: 6836514 can be converted to 23017051 by using Steiger Tractor-short handle shown below.

Qty	New Part No.	Description	Old Part No.	Qty	Figure 1 Item
1	23047193	Handle Assembly (All models except Steiger Tractor-short handle, 12V)			
1	23047194	Handle Assembly (Steiger Tractor-short handle, 12V only)			
		Handle	6839309	1	16
		Knob	6839310	1	15
		Pin	6839311	1	14
		Ring	6839345	1	17
		Rotory Key	6839317	1	18
		Nut	6839312	1	19
		Bushing	6839313	1	20
		Housing		1	23
1	23047904	Cover Assembly		1	31
1	23047197	Fuse Holder	6839335	1	34
1	23047195	Drive Adapter	6839314	1	13
		Shim	116092	1	11
		Spring	6839318	1	26
		Leveler	6839316	1	27
		Pin	6839320	1	28
1	AGC 9	Fuse	SFF 9	1	35

Assemble and test shift tower with new parts listed and delete old parts (refer to Fig. 1). Follow the assembly procedures in the Service Manual.

Parts not mentioned above remain the same as the old tower and should be referred to in the Transmission Parts Catalog. Old parts will be phased out as warehouse stock is depleted.

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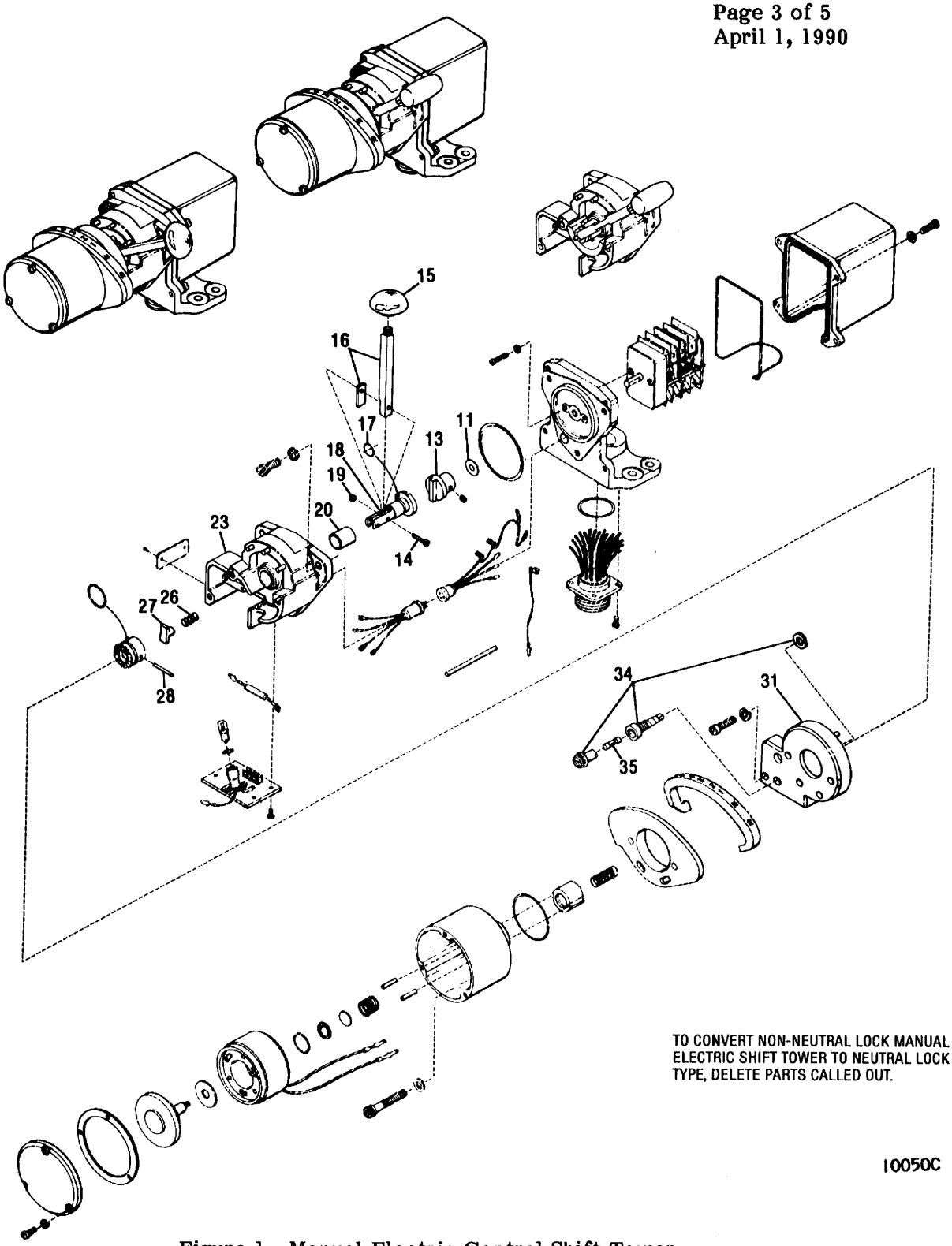


Figure 1. Manual Electric Control Shift Tower

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Automatic Electric Shift Towers: P/N 6837301, 6836517, 6884100, 23043533. To convert these towers to the new neutral lock "T" handle tower, the following changes are necessary.

Qty	New Part No.	Description	Old Part No.	Qty	Figure 2 Item
1	23047193	Handle Assembly			
		Handle	6839309	1	16
		Knob	6839310	1	15
		Pin	6839311	1	14
		Ring	6839345	1	17
		Rotory Key	6839317	1	18
		Nut	6839312	1	19
		Bushing	6839313	1	20
		Housing		1	25
1	23047903	Cover Assembly		1	28
1	23047197	Fuse Holder	6839335	1	31
1	23047195	Driver Adapter	6839314	1	13
		Shim	116092	1	11
		Spring	6839318	1	26
		Leveler	6839316	1	27
1	AGC 9	Fuse	SFE 9	1	32

Assembly and test shift tower with new parts listed and delete old parts (Refer Fig. 2). Follow the assembly procedures in the Service Manual.

Parts not mentioned above remain the same as the old tower and should be referred to in the Transmission Parts Catalog. Old parts will be phased out as warehouse stock is depleted.

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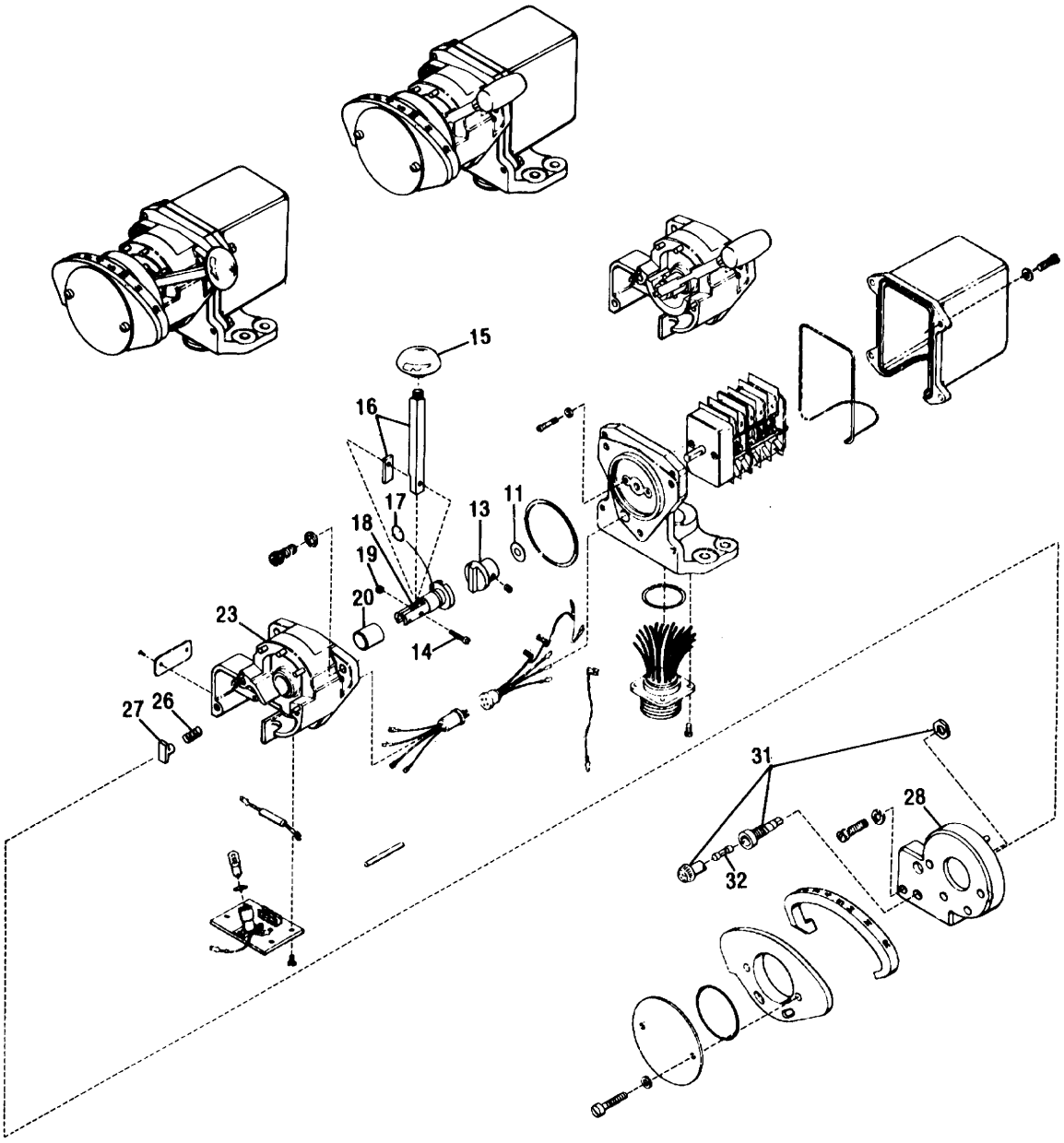


Figure 2. Automatic Electric Control Shift Tower

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14-TR-88, Rev. C
January, 1991
Product Code(s): 24, 25, 31, 43

SUBJECT: Electronic Controls Shift Selector Testing and Repair

EQUIPMENT AFFECTED: All Electronic Controls Transmissions

Repair of electronic controls lever and push button shift selectors is available from:

DMR Electronics, Inc.
R.R. 2, Box 97B
3758 Pintar Road
Hibbing, MN 55746
(218) 262-6693

You are encouraged to repair rather than replace both in- and out-of-warranty shift selectors whenever practical. Units under warranty coverage should have the shift selector rebuilt and a copy of the repair invoice submitted with the AFA. Individual repair parts are listed in the appropriate parts catalogs. The following repair kits are also available to allow repair of the mechanical functions of the lever selector:

P/N	Name
23043062	Retainer - Magnetic Assy
23043063	Shift Handle Assy*
23043064	Bezel - Kit
23043065	Cover Assy - RND4321
23043066	Cover Assy - 1234DNR
23043067	Cover Assy - RND54321
23043068	Cover Assy - D54321NR
23043069	Cover Assy - 12345DNR
29502944	Housing Assy
(See Figure 1)	

*This handle has a thicker shaft cross section. The handle assemble kit includes a bezel with a wider slot for clearance.

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DMR Electronics, Inc., is equipped to handle both mechanical and electronic repairs.

Anyone desiring test equipment to determine shift selector function may buy a shift selector tester from DMR Electronics, Inc. This tester will test both lever and push button shift selectors. To determine the specific tester capabilities and pricing, contact DMR Electronics, Inc.

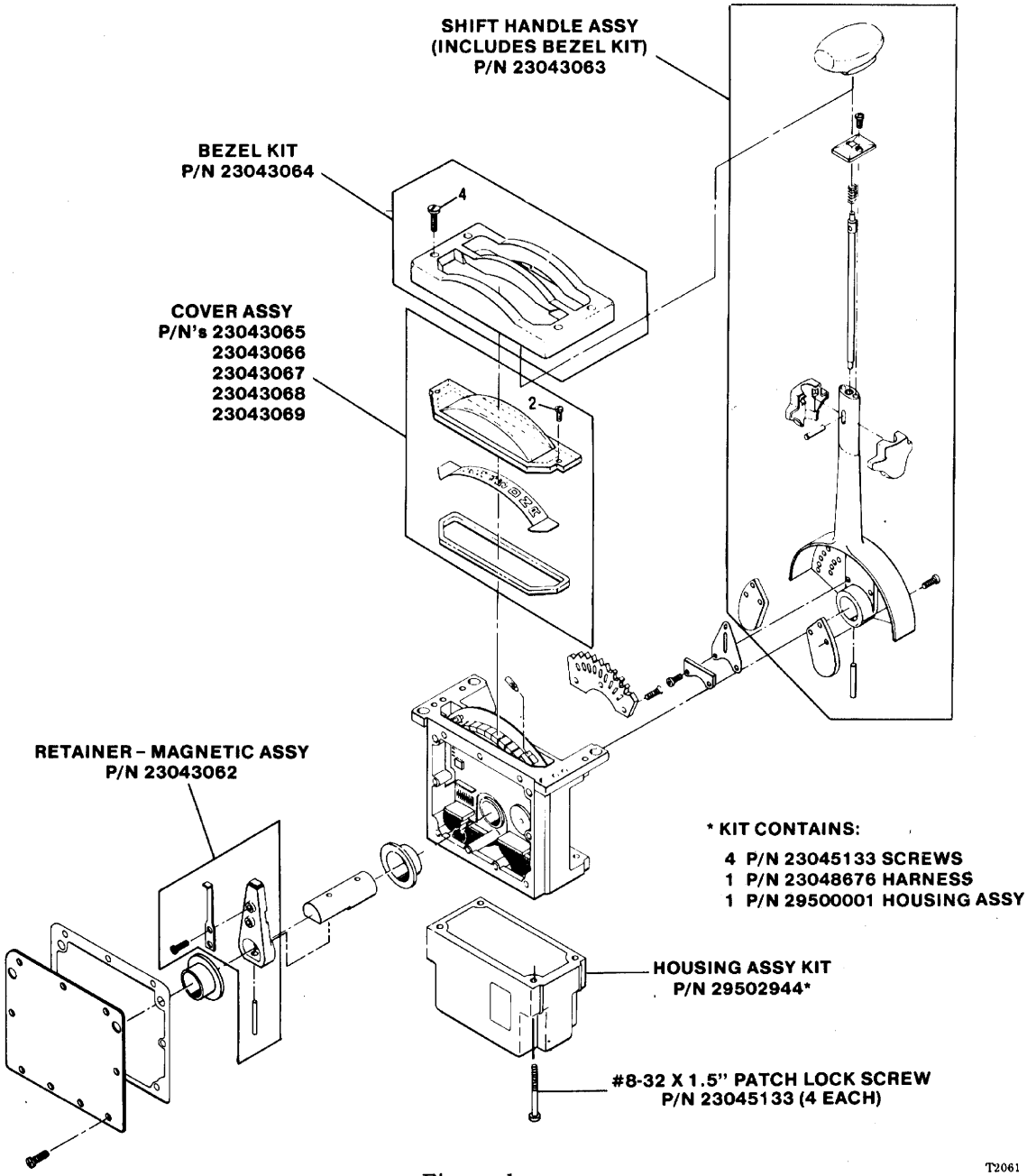


Figure 1.

SIL

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18-TR-90
August, 1990
Product Code(s): 31

SUBJECT: Release of New Bearing and Retainer for Turbine Shaft

EQUIPMENT AFFECTED: C(LB)T 5/6000 (Effective with S/N 3110096519)

To achieve improved durability, the part number changes are as follows:

Model	Part Name	Part Number New	Part Number Old
CLT with TC 683	Ground Sleeve (non-vented)	29501206	N/A
	Oil Transfer Hub	23014166	N/A
	Bearing	9440087	N/A
CLT other than TC 683	Ground Sleeve (vented)	23048636	6774712
	Oil Transfer Hub	23014166	6758376
	Bearing	9440087	23047999
CLBT	Ground Sleeve (non-vented)	6775834	6775834
	Retarder Housing Assembly	23048643	6770614
	Oil Transfer Hub	23014166	6758376
	Bearing	9440087	23047999

Interchangeability:

All new and old parts must be used in groups. No mix of old and new parts is acceptable.

Retrofit of new parts into transmissions prior to the S/N break is acceptable, as long as all old parts are replaced with new, for the transmission models listed. Such retrofit is not required nor recommended unless bearing durability has been unacceptable.

Parts Modification:

Ground sleeve 6774712 can be updated to new part number 23048636 (refer to Figure 1). Retarder housing assembly 6770614 can be updated to new part number 23048643 (refer to Figure 2).

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18-TR-90
August, 1990
Product Code(s): 31
Page 2 of 2

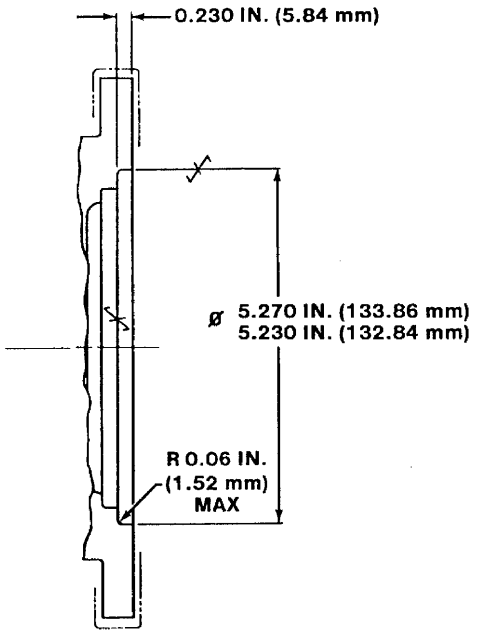


Figure 1. Converter Ground Sleeve, P/N 23048636

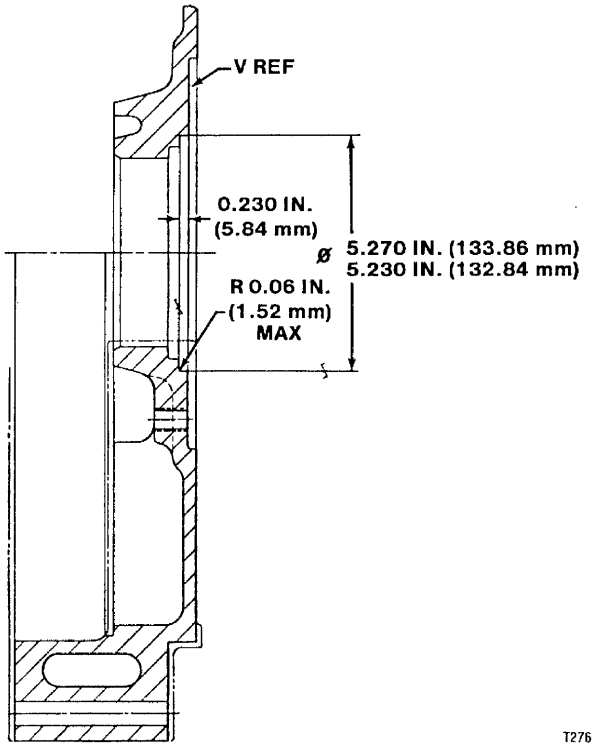


Figure 2. Retarder Housing, P/N 23048635

SIL

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1-TR-91, Rev A
September, 1991
Product Code(s): 31

SUBJECT: 1-2 and 3-4 Shift Quality Improvements

EQUIPMENT AFFECTED: 5900/6000 Manual Electric and SPG (not electronic controls nor transmissions using reverse, neutral and first range lockup block option)

Successful field testing has given support to release of a new separator plate for subject models. The plate orifices splitter high clutch apply pressure at two rates around the low trimmer valve. This additional trim flow allows the flow valve to cycle, releasing the lockup clutch during the shifts.

Interchangeability

The new plate and gaskets may be used in any 5900/6000 (except electronic controls) without regard for S/N. Replacement at overhaul is not required unless harsh 1-2 and 3-4 shifts have been a concern.

New Parts	Description	Old Parts
23048056	Plate	23011252
23048057	Separator Plate to Channel Plate Gasket	6839632
23048058	Separator Plate to Valve Body Gasket	6839633

Identification

Visual identification of new or field modified parts may be accomplished using the rework data contained in this SIL (Figure 1).

Rework Information

Separator plate 23011252 is the same as 23048056, except 23048056 has a 0.30 x 0.50 inch (7.6 x 12.7 mm) hole described by the dimensions shown (Figure 1).

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1-TR-91, Rev A
September, 1991
Product Code(s): 31
Page 2 of 3

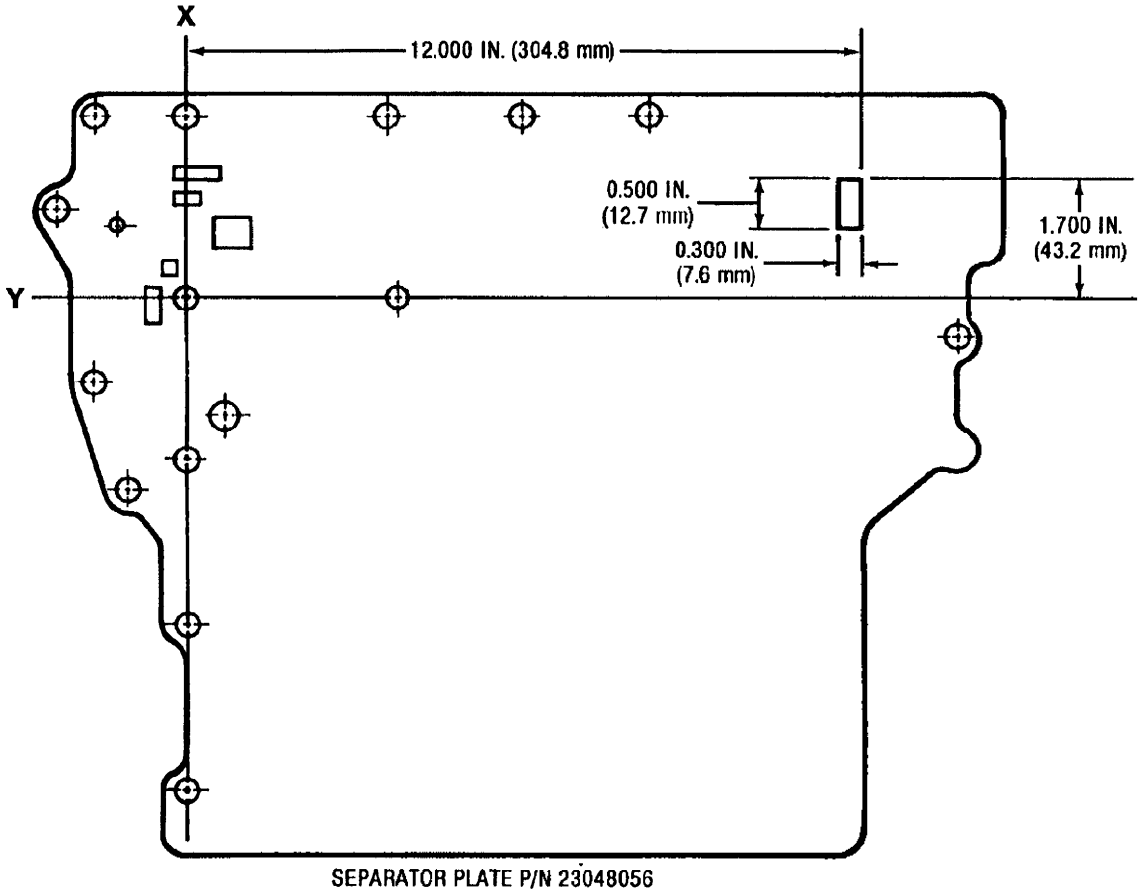


Figure 1. Separator Plate Modification

SIL

Gaskets

If new gasket part number 23048057 and/or 23048058 is not available, it is permissible to rework old gaskets by adding the holes using the modified separator plate as a template.

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Hydraulic Schematic

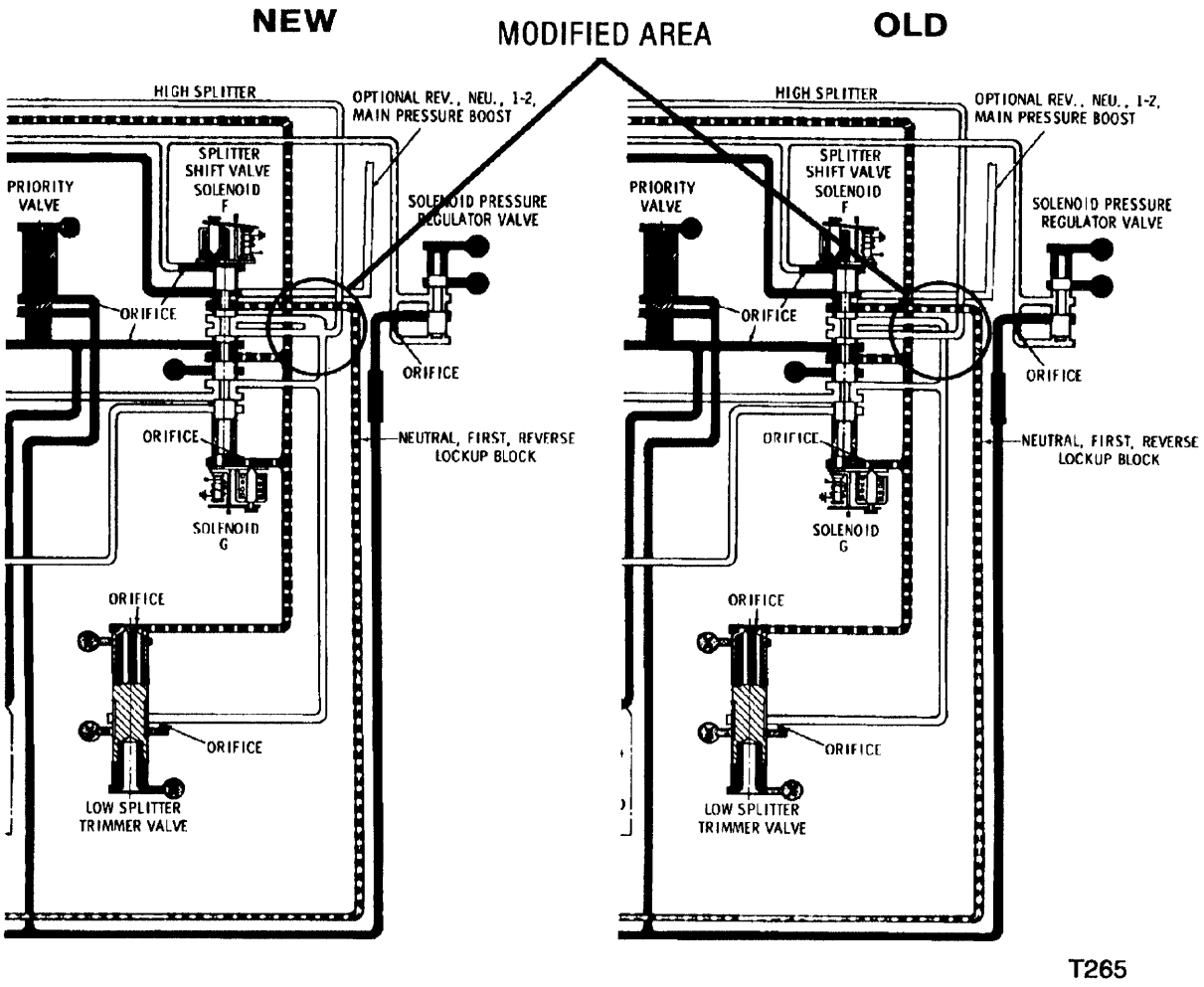


Figure 2. Hydraulics Modification

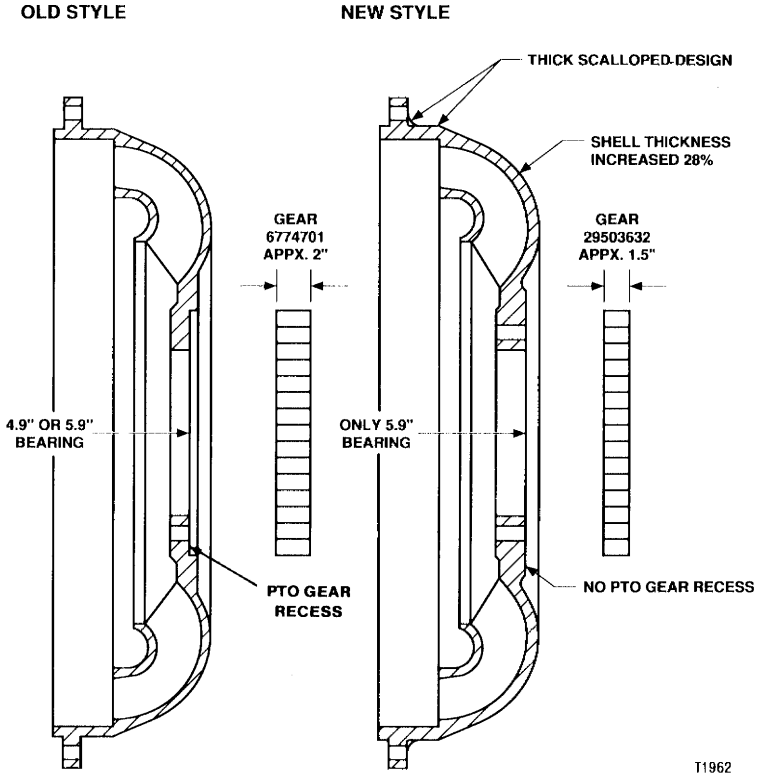
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8-TR-91
November 21, 1990
Product Code(s): 31
Page 1 of 8

SUBJECT: Release of Heavy-Duty Pump Element for TC 5/600

EQUIPMENT AFFECTED: CRT 5/6/7000 and C(LB)T 5/6000 With TC 5/600

To adapt to expanding market demands for higher levels of engine-driven power takeoff horsepower requirements, a "thicker" torque converter pump element is being released to production and for service requirements in all affected equipment regardless of serial number.



SIL

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The stator requires rework per Figure 4 if not already to current specifications. It is also necessary to bottom tap flywheels in which thread depth fails to be .82" or greater per Figure 5.

Column #1 P/Ns (non-draftable casting) were replaced by Column #2 P/Ns (draftable casting except TC Series 683 which is non-draftable). Column #3 P/Ns (heavy-duty casting) can replace Columns 1 and 2 for service.

Following each P/N is the size of the pump bearing bore in inches. Note for information -- casting blade angularity is visually different within TC Series from draftable to non-draftable casting but the torque converter assembly absorbs and transmits power equally.

TC Series	Column #1 *Obsolete* Pump Assy	I.D.	Column #2 *Obsolete* Pump Assy	I.D.	Column #3 *Current* Pump Assy	I.D.	Additional Parts Needed to Update to Current Style (See Groups Listed Below)
540-550	6883459	4.9"	23011671	4.9"	29503848	5.9"	Group A & B
540-550			6883461	5.9"	29503848	5.9"	Group A
560-570			6881820	4.9"	29503849	5.9"	Group A & B
560-570	6777775	4.9"	23011673	4.9"	29503849	5.9"	Group A & B
560-570	6777784	5.9"	6881822	5.9"	29503849	5.9"	Group A
580			6881824	4.9"	29503850	5.9"	Group A & B
580	6777777	4.9"	23011675	4.9"	29503850	5.9"	Group A & B
580	6777785	5.9"	6881826	5.9"	29503850	5.9"	Group A
590	6777779	4.9"	6885269	4.9"	29503851	5.9"	Group A & B
590-680-690	6777781	5.9"	6881830	5.9"	29503851	5.9"	Group A
683			29501261	5.9"	29503658	5.9"	Group A

Group "A" additional required parts for all C(LB)T and CRT transmissions:

12 Bolts P/N	181374	Pump/EPTO Gear
36 Bolts P/N	9420572	Pump/Flywheel
1 Gear P/N	29503632	(Engine-Driven PTO)

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Group "B" additional required parts for C(LB)T 5/6000 transmissions not already updated to 5.9" bearing in the field (if already updated in the field, use Group "A" additional parts only [see SIL 64-TR-83]).

1 Carrier Assy	6779801	5640/5800/5900/6060
1 Carrier	6779802	(Detail P/N in the Previous Assy)
1 T-Shaft	6778435	C(L)BT 5900/6060
1 T-Shaft	6831068	CLT 5900/6060/5640/5800
1 T-Shaft	6778435*	CBT 5640/5800
1 T-Shaft	6831068*	CT 5640/5800
1 T-Shaft	6778435	CLBT 5640/5800
1 Turbine Assy	6830599	
1 Snapring	6774703	(Turbine Hub)
1 Spacer	6774704	(Turbine Shaft Bearing)
3 Sealring	23019649	(Turbine Shaft) 5900/6060/5640/5800
1 Locknut	6774708	(Ground Sleeve)
1 Race	6774709	(Stator)
1 Backplate	6774710	(Stator)
1 Ground Sleeve	6774712	C(L)T (See SIL 18-TR-90)
1 Ground Sleeve	6775834	C(L)BT 5900/6060 (See SIL 18-TR-90)
1 Ground Sleeve	6775834**	C(L)BT 5840/5860 (See SIL 18-TR-90)
1 Ground Sleeve	6775834***	C(L)BT 5640/5660 (See SIL 18-TR-90)
2 Sealring	23019731	(Ground Sleeve) 5900/6060
2 Sealring	23019650	(Ground Sleeve) 5640/5800
1 Bearing	23041915	(Pump Hub)
1 Retainer	6770585	(Pump Hub Bearing) 5640/5800

* Requires rework of shaft (see Figure 1).
** Requires rework of retarder housing (see Figure 2).
*** Requires rework of retarder housing (see Figure 2) and rework of ground sleeve (see Figure 3).

Group "B" additional required parts for CRT 5633 and 5530/5630/5631 prior to S/N 95467 transmission if not already updated to 5.9" bearing in the field. (If already updated, use Group "A" additional required parts only [see SIL 5-TR-88]).

1 Nut	6774708	(Ground Sleeve)
1 Race	6774709	(Stator)
1 Plate	6774710	(Stator Backing)
1 Retainer	6770585	(Pump Hub Bearing)
1 Bearing	23041915	(Pump Hub)
1 Ground Sleeve	23047054	(Torque Converter)

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8-TR-91
November 21, 1990
Product Code(s): 31

Rework larger 6831068 (CLT) or 6778435 (CLBT) turbine shaft for service of CT or CBT models with small turbine shaft. New ground sleeve, converter elements and associated parts must be used in conjunction with shaft. **Caution:** 6770838 cover must continue to be used instead of a lockup shift valve assembly. P/N 6770838 is no longer available and may be replaced with lockup valve body, P/N 23015048, with the valves blocked (i.e., block the shift valve on the spring end and the flow valve adjacent to the small land.

NOTICE: Shaft is case hardened. Grind approximately .020 deep at cutoff location prior to use of cutting tool.

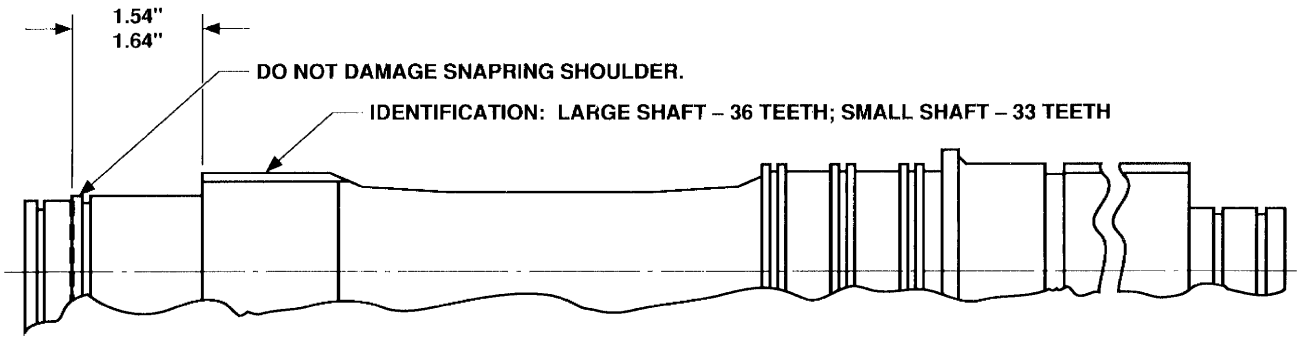


FIGURE 1 REWORK SHAFT

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8-TR-91
November 21, 1990
Product Code(s): 31
Page 5 of 8

Rework 5640 through 5840 retarder housing to provide autoflow hydraulic circuit to use 6775834 ground sleeve.

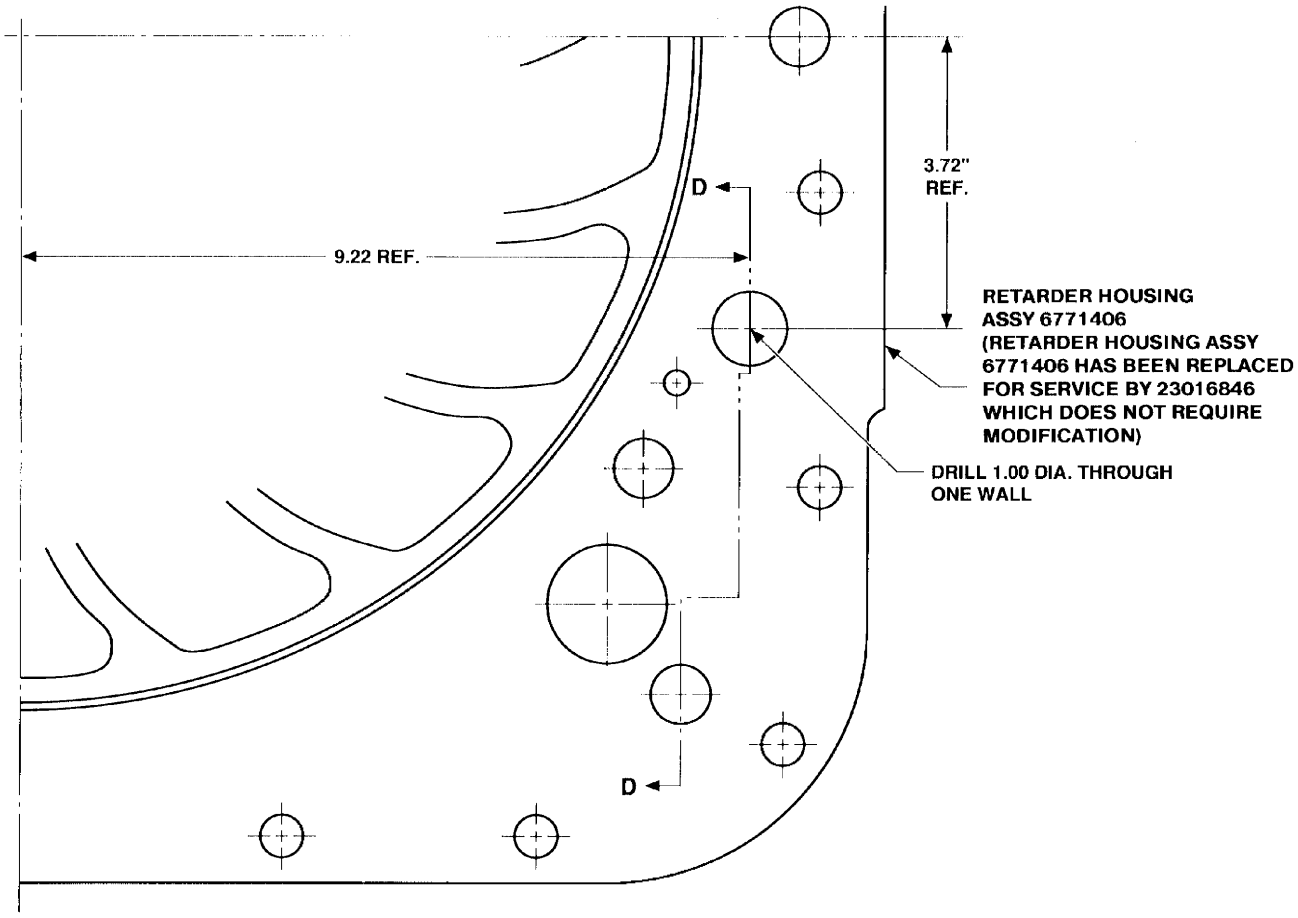


FIGURE 2 REWORK RETARDER HOUSING

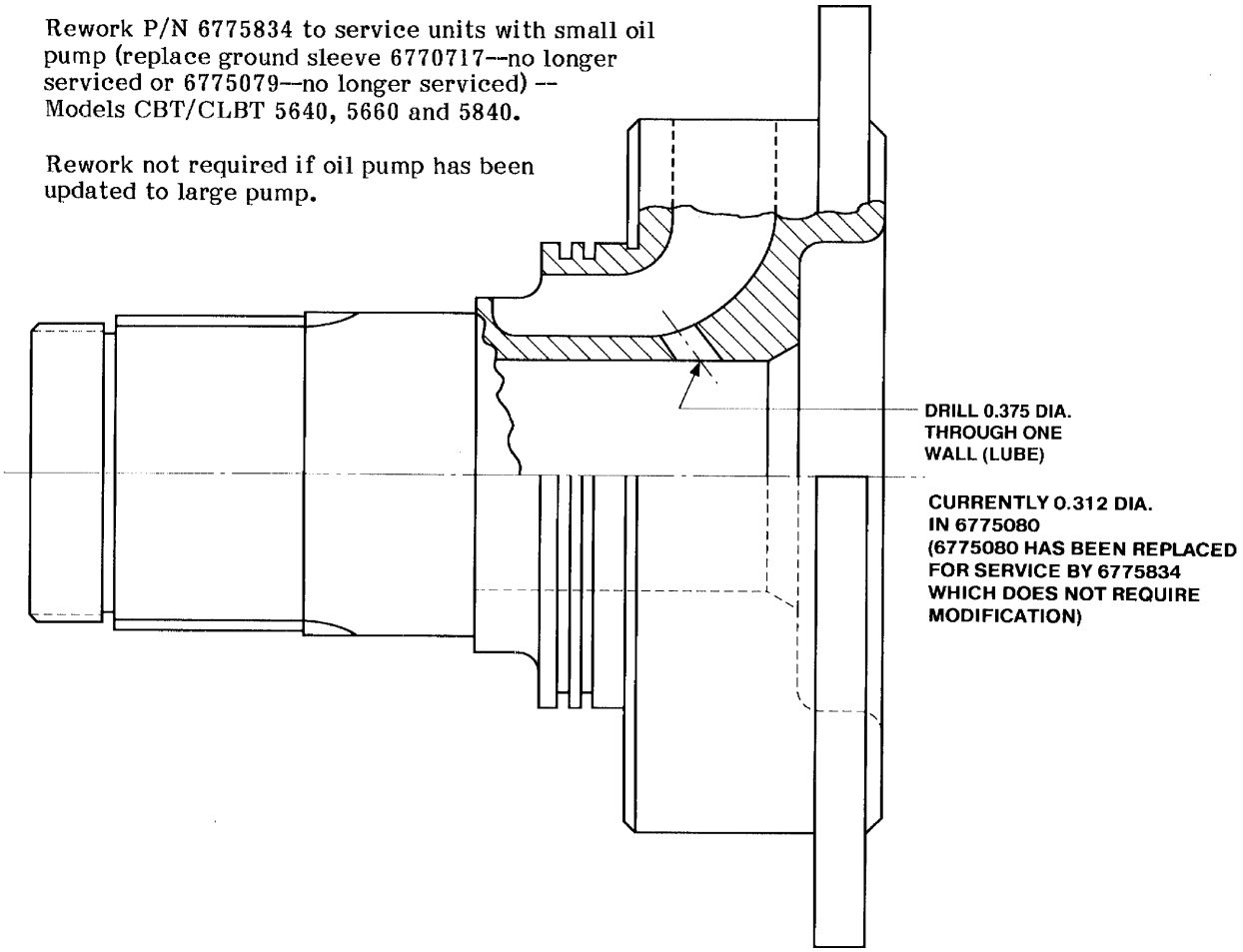
SIL

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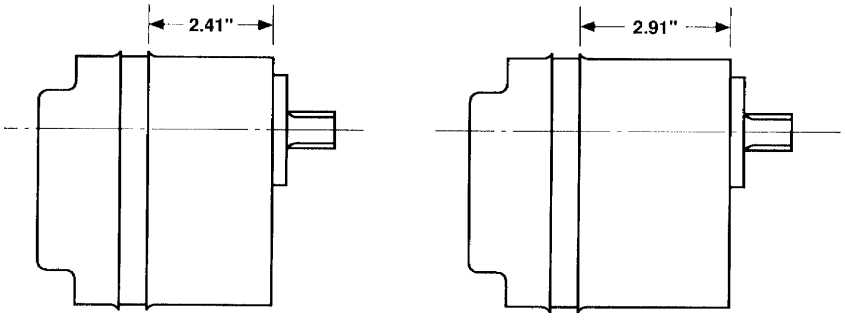
8-TR-91
November 21, 1990
Product Code(s): 31
Page 6 of 8

Rework P/N 6775834 to service units with small oil pump (replace ground sleeve 6770717--no longer serviced or 6775079--no longer serviced) -- Models CBT/CLBT 5640, 5660 and 5840.

Rework not required if oil pump has been updated to large pump.



OIL PUMP IDENTIFICATION:



SMALL **LARGE**

T2273

FIGURE 3 REWORK GROUND SLEEVE AND OIL PUMP IDENTIFICATION

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8-TR-91
November 21, 1990
Product Code(s): 31
Page 7 of 8

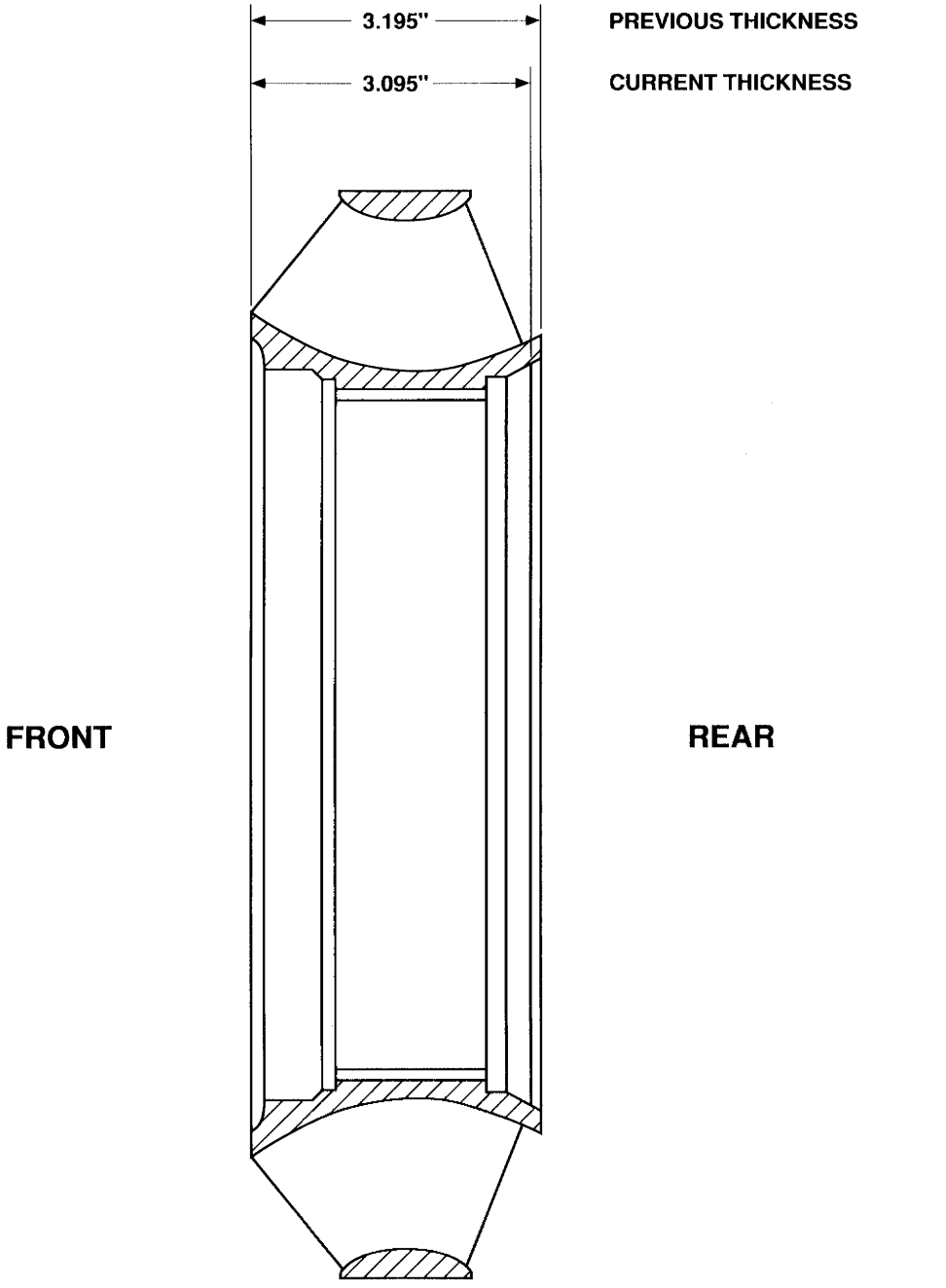


FIGURE 4 REWORK STATOR

SIL

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8-TR-91
November 21, 1990
Product Code(s): 31
Page 8 of 8

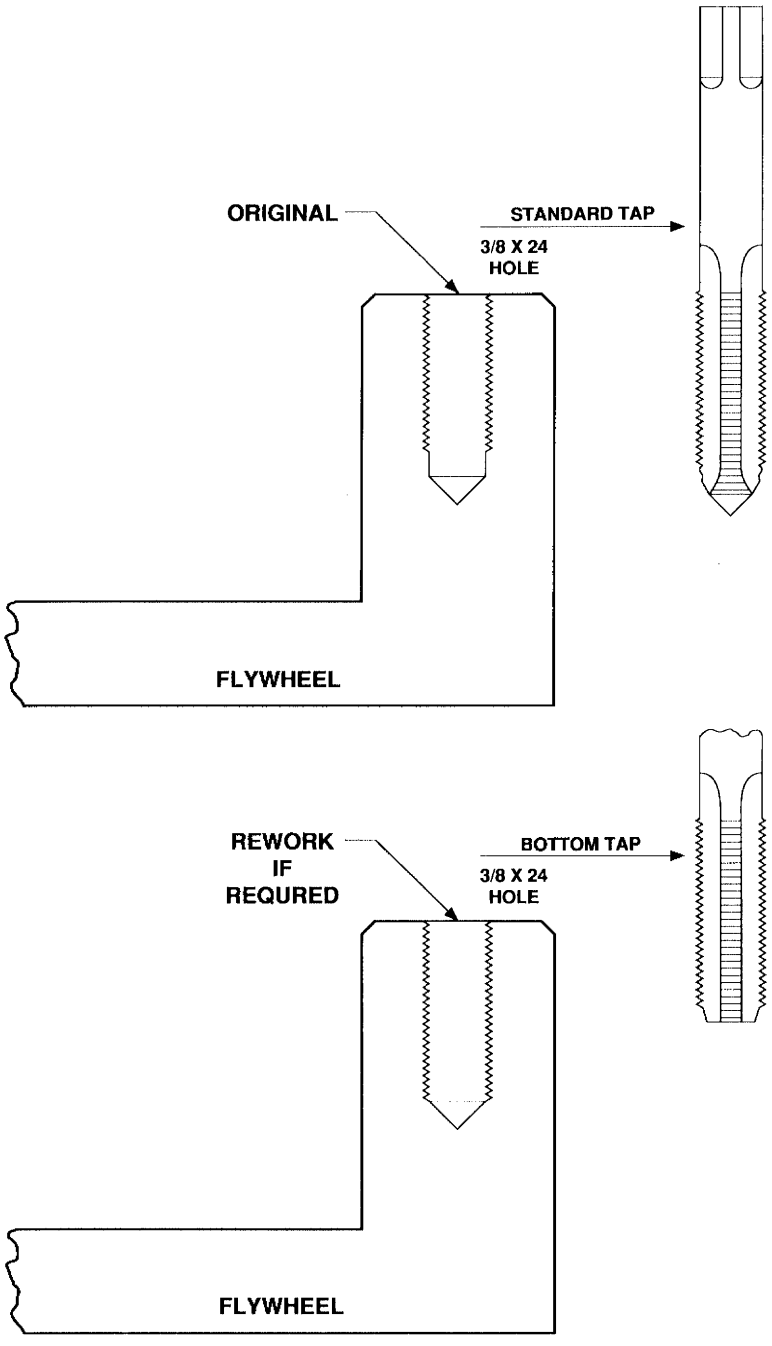


FIGURE 5 FLYWHEEL

FLYWHEEL BOLT HOLES SHOULD BE BOTTOM TAPPED IF REQUIRED TO ENSURE ADEQUATE THREAD DEPTH OF 0.82" MINIMUM.

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9-TR-91
November, 1990
Product Code(s): 31

SUBJECT: The Evolution of CLBT 5/6000 Lockup Clutch

EQUIPMENT AFFECTED: CLBT 5/6000

To aid in the visual identification of lockup clutch components in the field, all parts are used per parts catalog by transmission assembly number

Components are in four groups presented chronologically.

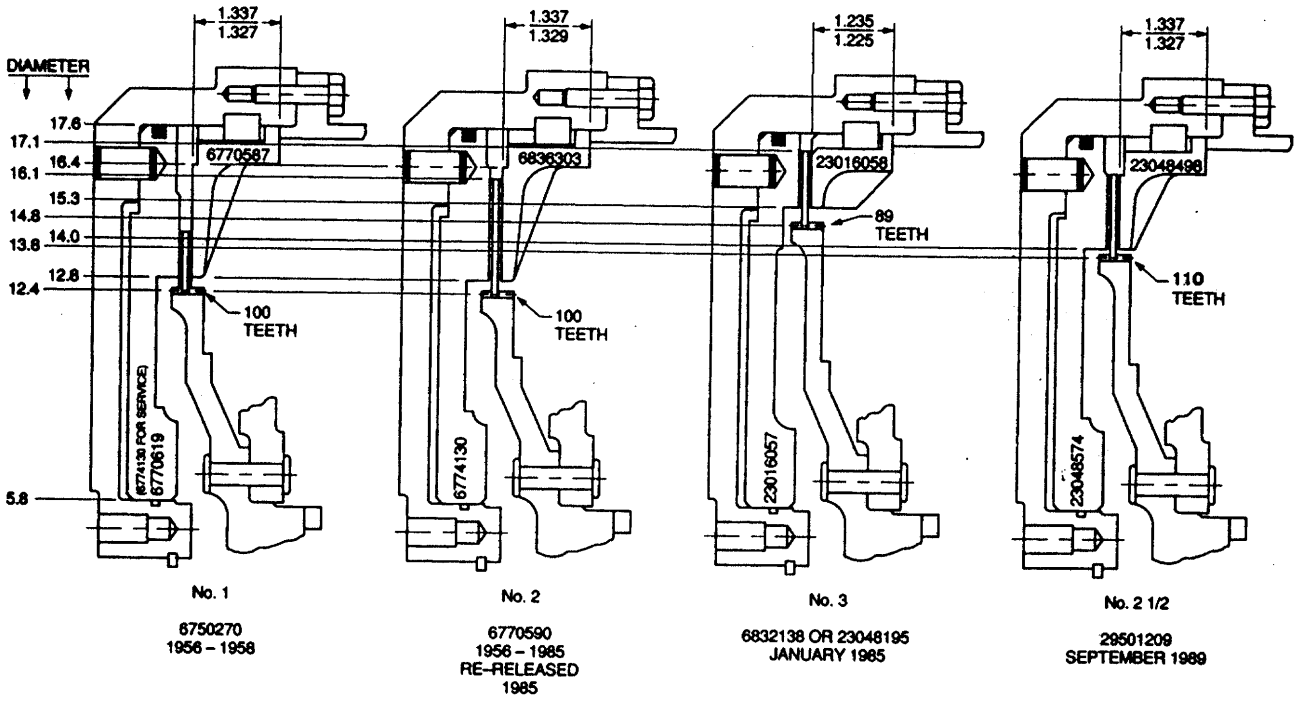
	No. 1	No. 2	No. 3	No. 2-1/2
Turbine	PER PARTS CATALOG REQUIREMENTS			
Lockup Piston (Service)	6774130	6774130	23016057	23048574
Reaction Plate	6770587	6836303	23016058	23048498
Clutch Plate	6750270	6770590	6832138* or 23048195	29501209
	1956-1958	1956 -	1985 -	1989 -

* P/N 6832138 has been replaced by 23048195 on a use stock basis for CLBT 5/6000. Either plate is serviceable.

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9-TR-91
November, 1990
Product Code(s): 31

CLBT 5/6000 LOCK–UP CLUTCH EVOLUTION



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2-TR-93
September, 1992
Product Code(s):
Page 1 of 3

SUBJECT: Allison Transmission Electronic Controls Push-Button Shift Selector Overlay Cracking

EQUIPMENT AFFECTED: All Electronic Controls Push-Button Shift Selectors

After extended service, cracks may appear in the overlay material covering the snap-dome switches in the shift selector cover assembly. A higher quality material is being used to increase the service life of the cover assembly and address the cracking concern.

The revised material used in the cover assembly presents no visual or functional change to the shift selector. However, the cover assembly containing the revised material has a new assembly part number.

	Shift Selector Assembly	**Old Cover Assembly**	**Service Cover Assembly Kit**
3-Speed	23048153	23046728	29511863
4-Speed	23048154	23046729	29511864
5-Speed	23048155	23046730	29511865

Contents:

Qty	**Description**
1	Cover Assembly
1	Gasket
10	Retainer
1	Assembly Tool

A visual inspection of the shift selector is all that is required to determine if the cracks exist. If cracks are found, replace the cover assembly as follows:

Instructions:

1. Set the vehicle brakes and chock the wheels.
2. Turn off power to the ECU.

SIL

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3. Remove the shift selector mounting screws.
4. Disconnect the electrical connector at the base of the shift selector by rotating the retaining ring counter-clockwise.
5. Remove the four screws retaining the cover assembly to the housing.
6. Lift the cover assembly and carefully disconnect the multipin connector from the selector assembly.
7. Carefully remove the six heat shrink retainers or steel clips (with pliers) from the cover assembly making sure not to damage the switch assembly.
8. Remove the switch assembly from the old cover assembly.
9. Install the switch assembly in the new cover by positioning the alignment dowel in the cover assembly with the alignment slot in the switch assembly (refer to Figure 1).
10. Using the retainer clip tool, part number 29509927, install the retainer clips on the dowels with a firm push and a light tap with a hammer making sure the switch assembly is seated properly.
11. Remove the laminate from the gasket and install in cover assembly.
12. Reassemble the shift selector assembly with the new cover assembly and gasket making sure the multipin connector is seated properly.
13. Reinstall the shift selector in the vehicle.

Failure to replace a cracked cover assembly may result in increased effort required to attain the desired range selection.

Interchangeability: Not affected.

Spare Parts Information: Only the revised cover assembly is available for service.

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2-TR-93
September, 1992
Product Code(s):

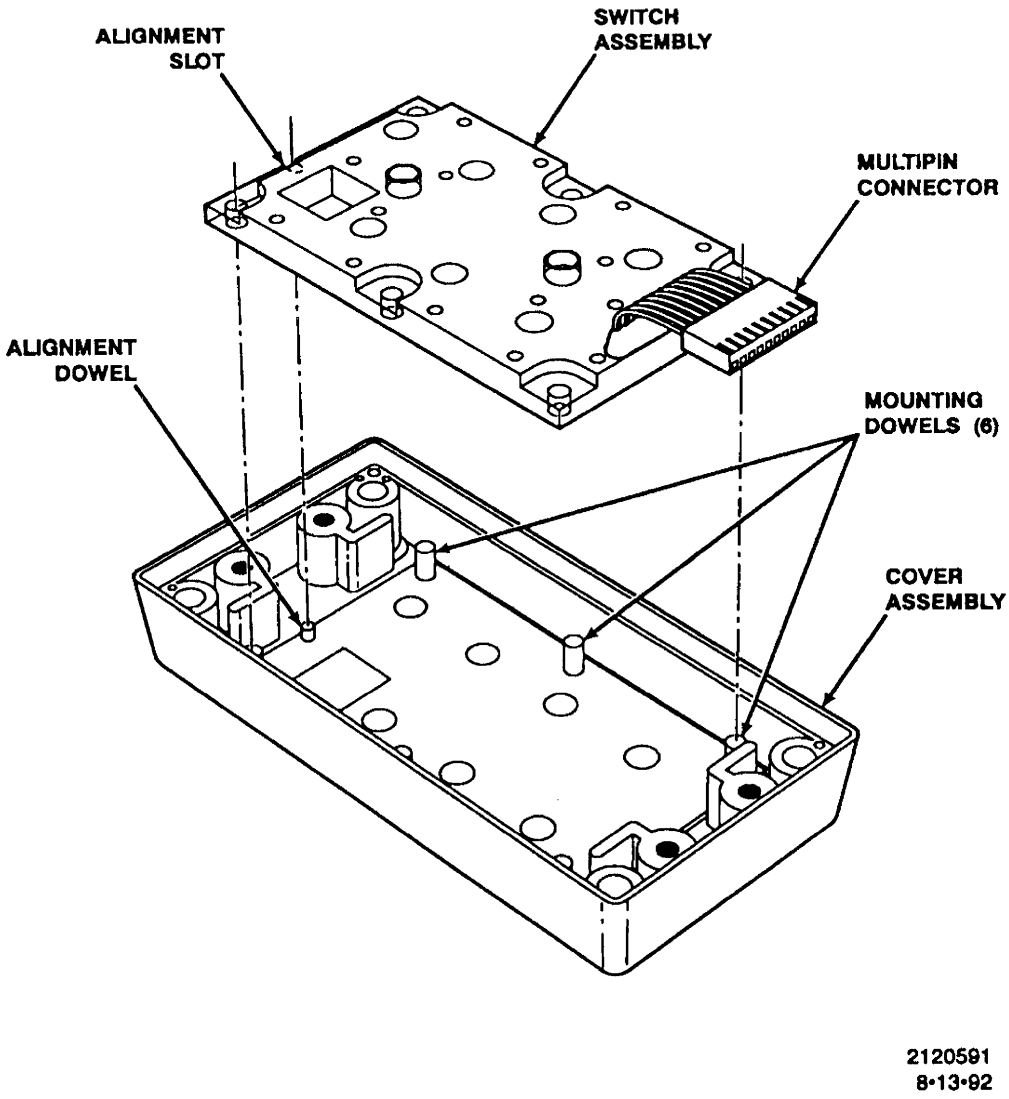


Figure 1

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This SIL is being revised to reflect release of high pressure DELTA P switch for off-highway model transmissions. Revisions to this SIL are noted by a stripe in the left hand margin.

12-TR-93, Rev. B
June, 2011
Page 1 of 1

SUBJECT: Allison Transmission High Efficiency Filters

EQUIPMENT AFFECTED: AT, MT, HT and CT 700, 5/6/8/9000

This SIL is to announce that Allison Transmission High Efficiency Filters and related maintenance items can now be ordered through the normal Allison Transmission Parts Distribution System. Formerly, these items were marketed through the Pall Industrial Hydraulics Distribution System

The attached is a simplified cross reference matrix of the new Allison Transmission part numbers and the former Allison/ Pall part numbers.

ALLISON HIGH EFFICIENCY FILTERS

Filter Assembly	Allison New P/N	Allison/ Pall Old P/N	Bypass	Switch	Port Size	Allison New P/N Element	Allison/Pall Old P/N Element	Seal	Bowl	Nominal Filtration Size
5/6 Cooler	29510913	23018844	None	Yes	S.F. 2.00	29510912	23049374	23018958	29510911	6 Micron
8/9 Cooler	29510914	23018847	None	Yes	S.F. 2.50	29510912	23049374	23018958	29510911	6 Micron
8/9 Cooler	29510916	23018848	None	No	S.F. 2.50	29510912	23049374	23018958	29510911	6 Micron
5/6/8/9 Main Remote	29530557	29503834	Yes	Yes	1.25 Pipe	29510912	23049374	23018958	29510911	6 Micron
5/6/8/9 Main Direct	29530556	29503833	Yes	Yes	Opt 1.25 Pipe	29510910	23049373	23018950	23040664	6 Micron
700 Main	29510917	23042870	Yes	Yes	StThd O-ring-16 Hose	29510918	23040988	29510919	29510920	–
700 Cooler	29510921	23040987	Yes	No	StThd O-ring-20 Hose	29510918	23040988	29510919	29510920	–
AT-MT Cooler	29510923	23042061	Yes	Yes	StThd O-ring-12 Hose	29510922	23042062	29510922	29510922	–
AT-MT Filter Assembly With 8 Inch Leads	29501482	29501482	Yes	Yes	StThd O-ring-12 Hose	29510922	23042062	29510922	29510922	–
5/6/8/9 Main Remote	29542419	–	Yes	Yes	StThd O-ring 1.625-12	29510912	–	23018958	29510911	6 Micron

Differential Press Switch	Allison New P/N	Allison/ Pall Old P/N	Bypass	Switch
Off-Hwy Switch Main	29529657	23018846	50 psi	35 psi
700 Series Switch	23018846	23018846	25 psi	15 psi
AT-MT Switch	29501991*	29510924	12 psi	8 psi
Off highway switch cooler circuit	23018846	–	25 psi	15 psi

SIL References:

2-TR-86: 700; 5/6/8/9000

6-TR-87: AT-MT

* AT-MT Differential Press Switch:
— New P/N Switch to be used with new P/N Filter Assembly (Threaded Style)
— Old P/N Switch replaced with new Allison P/N 29510925 for use with old P/N Filter Assembly (Flanged Style)

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8-TR-94, Rev A
April, 1994
Product Code(s):
Page 1 of 8

SUBJECT: Availability of High Speed Reverse Capability; Availability of Enhanced Shift Quality

EQUIPMENT AFFECTED: 5/6000 Models

EFFECTIVITY: CL(B)T 5963, 6063 — April, 1994

As a product improvement, two changes have been made in the design of the 5/6000 transmission. Both changes are incorporated in the 5963 and 6063 transmission models.

One change is to the planetary gearing inside the transmission to allow splitter high clutch application in reverse to obtain a high speed reverse range. This change clutches the high clutch drum to the intermediate range carrier rather than the intermediate range ring gear to obtain 1.0:1 drive thru the range section of the transmission. This gearing change is required to prevent damaging internal component speeds when using the high speed reverse.

The other change is to the range control valve body to provide enhanced neutral to range shift quality. This change involves adding a trim boost regulator valve so that trimmer characteristics can be tailored to both closed throttle conditions and to full throttle conditions. The trimmer valves are the more current style differential area design, allowing softer initial trim pressures to be achieved.

The standard 5.12 ratio (R1) reverse or the 3.43 ratio (R2) high speed reverse is programmed into a replacement PROM to control which reverse is utilized. In the event that the vehicle is at a location that requires both reverse ratios at operator discretion, it will be necessary to adjust the handle stop in the shift selector to allow full travel of the selector lever. A new shift pattern cover assembly should be installed under the bezel in the shift selector assembly to reflect both reverse positions. The ECU will only allow shifts from R1 to R2 or from R2 to R1 at closed throttle conditions and low output speed.

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The replacement PROM is also required to control the function of the trim boost solenoid. The trim boost solenoid is activated at closed throttle conditions to give 0 psi trim boost pressure and turned off at full throttle conditions to provide a regulated trim boost pressure resulting in firmer shifts. The trim boost solenoid is connected to the ECU by the chassis harness with the low-low/trim boost connector, P/N 23046472. Refer to Troubleshooting Manual SA 2712, Appendix C, Pages C-19 thru C-23, prior to installing this connector.

Parts Required:

Planetary Gearing (Figure 1)

Qty	Current	Qty	Former	Description
1	29512836	1	23010489	Carrier Assy, intermediate
1	29512265	1	6758399	Carrier Assy, intermediate
AR	29514476	1	6831117	Ring Gear, intermediate 5900
AR	29512264	1	6831069	Ring Gear, intermediate 6000
1	29512834			Hub, high range
1	29512835			Snapring

Control Valve Body (Figure 2)

Qty	Part Number	Description
1	6777974	Gasket, oil transfer
1	29513446	Plate, oil transfer
5	6830003	Washer, 3/8 flat
2	9409030	Bolt, 3/8-16 x 1, 1/4 self lock
3	23018739	Bolt, 3/8-16 x 1, 1/4 patch lock
1	29513447	Gasket, sep plate/trans plate
1	29513448	Plate, separator
1	29513449	Gasket, sep plate/valve body
1	29513450	Valve, assy control L.T.R.
1	29506298	Solenoid
2	138202	Screw, socket HD
2	115547	Washer, 1/4 internal lock
1	29513463	Cover, solenoid
1	29513464	Gasket, cover
6	186647	Bolt, 1/4-20 x 1
6	103339	Washer, 1/4 flat
34	9415545	Washer, 3/8 flat copper
31	186284	Bolt, 3/8-16 x 3, 3/4
3	450517	Bolt, 3/8-16 x 4, 3/4

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CLBT 6000 TRANSMISSION

PLANETARY GEARING

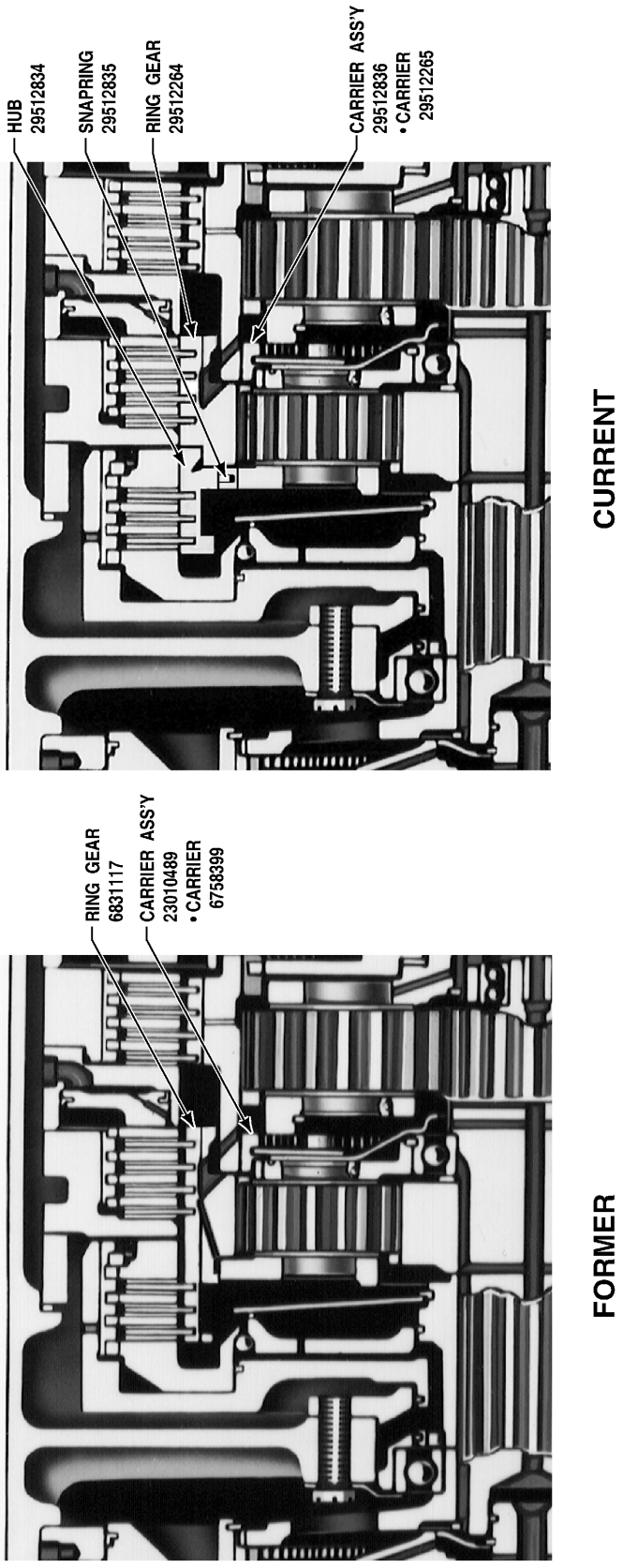


Figure 1

SIL

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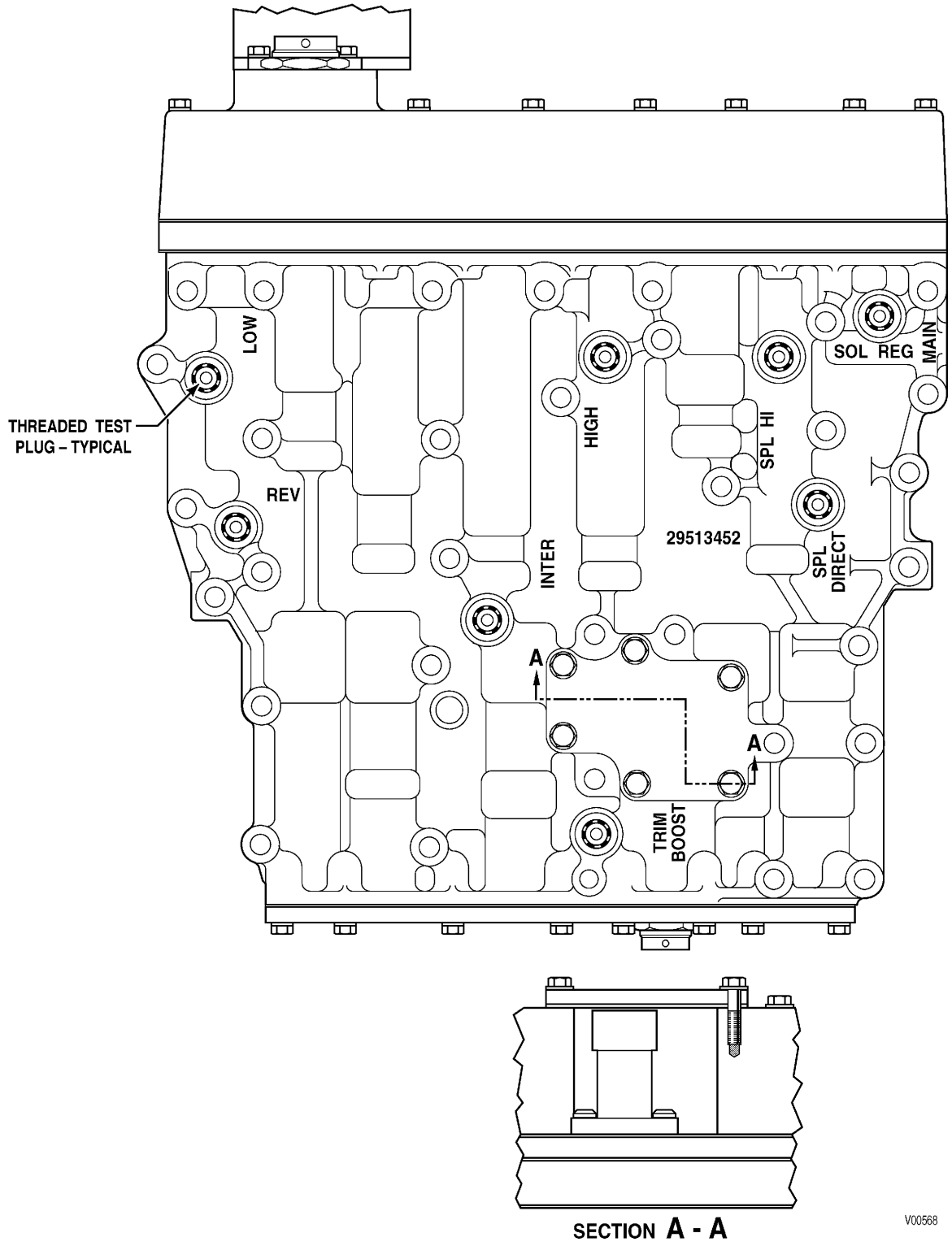


Figure 2

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Interchangeability:

Planetary Gearing

The current parts can be used in older transmissions but must be used together when performing this modification on old transmission. Identify the unit by stamping H.S.R. behind the model number on the data tag if the 5962/6062 to 5963/6063 assembly number is not reflected on the attached list. The former parts will be maintained for service of older units.

CAUTION: The high speed reverse calibration must not be used without the new planetary gearing parts.

Control Valve Body

The current parts can be used on older transmissions, but must be used together. The former parts will be maintained for service of older units. When installing the current control valve on older units, a new replacement PROM must be installed and the chassis harness connected or a Code No. 52, J solenoid, will be active.

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PROMS FOR CL(B)T 5963s AND 6063s

MODEL	OLD ECU P/N	MODEL	NEW ECU P/N
CLBT 5962	29502612	CLBT 5963	29504918
CLBT 5962	29502616	CLBT 5963	29504920
CLBT 5962	29502622	CLBT 5963	29504922
CLBT 5962	29502762	CLBT 5963	29504924
CLBT 5962	29504542	CLBT 5963	29504926
CLBT 5962	29504544	CLBT 5963	29504928
CLT 5962	29504548	CLBT 5963	29504930
CLBT 6062	29504746	CLBT 6063	29504932
CLBT 6062	29504810	CLBT 6063	29504934
CLBT 6062	29504822	CLBT 6063	29504936
CLBT 6062	29504894	CLBT 6063	29504938

TRANSMISSION	OLD ASSY NO.	TRANSMISSION	NEW ASSY NO.
CLBT5962-1	23041153	CLBT5963-1	29515003
CLBT5962-1	23041154	CLBT5963-1	29515004
CLBT5962-2	23041156	CLBT5963-2	29515005
CLBT5962-2	23041157	CLBT5963-2	29515006
CLBT5962-4	23041158	CLBT5963-4	29515007
CLBT5962-4	23041159	CLBT5963-4	29515008
CLBT5962-4	23041160	CLBT5963-4	29515009
CLBT5962-4	23041958	CLBT5963-4	29515010
CLBT5962-4	23043318	CLBT5963-4	29515011
CLBT5962-4	23043389	CLBT5963-4	29515012
CLBT5962-4	29500358	CLBT5963-4	29515013
CLBT5962-4	29500598	CLBT5963-4	29515014
CLBT5962-4	29501083	CLBT5963-4	29515015
CLBT5962-4	29502413	CLBT5963-4	29515016
CLBT5962-4	29502760	CLBT5963-4	29515017
CLBT5962-4	29505116	CLBT5963-4	29515018
CLBT5962-6	23041161	CLBT5963-6	29515019
CLBT5962-6	23041162	CLBT5963-6	29515020
CLBT5962-6	23041163	CLBT5963-6	29515021
CLBT5962-6	23041164	CLBT5963-6	29515022
CLBT5962-6	23041165	CLBT5963-6	29515023
CLBT5962-6	23041166	CLBT5963-6	29515024
CLBT5962-6	23041992	CLBT5963-6	29515025
CLBT5962-6	23042066	CLBT5963-6	29515026
CLBT5962-6	29502782	CLBT5963-6	29515027
CLBT5962-6	29502783	CLBT5963-6	29515028
CLBT5962-6	29505148	CLBT5963-6	29515029
CLBT5962-6	29505262	CLBT5963-6	29515030
CLBT5962-6	29507005	CLBT5963-6	29515031
CLBT5962-6	29507137	CLBT5963-6	29515032
CLBT5962-6	29507394	CLBT5963-6	29515033

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8-TR-94, Rev A
February, 1994
Product Code(s):

TRANSMISSION	OLD ASSY NO.	TRANSMISSION	NEW ASSY NO.
CLBT6062	23041167	CLBT6063	29515054
CLBT6062-1	29500516	CLBT6063-1	29515057
CLBT6062-10	23041168	CLBT6063-10	29515058
CLBT6062-14	29506910	CLBT6063-14	29515059
CLBT6062-15	29506911	CLBT6063-15	29515060
CLBT6062-4	23041169	CLBT6063-4	29515061
CLBT6062-4	23041170	CLBT6063-4	29515062
CLBT6062-4	23041171	CLBT6063-4	29515063
CLBT6062-4	23041172	CLBT6063-4	29515064
CLBT6062-4	23041173	CLBT6063-4	29515065
CLBT6062-4	23041174	CLBT6063-4	29515066
CLBT6062-4	23041175	CLBT6063-4	29515067
CLBT6062-4	23041189	CLBT6063-4	29515034
CLBT6062-4	23041190	CLBT6063-4	29515035
CLBT6062-4	23041192	CLBT6063-4	29515036
CLBT6062-4	23042808	CLBT6063-4	29515068
CLBT6062-4	29502910	CLBT6063-4	29515069
CLBT6062-4	29505392	CLBT6063-4	29515070
CLBT6062-4	29512848	CLBT6063-4	29515071
CLBT6062-6	23043019	CLBT6063-6	29515055
CLBT6062-6	29505457	CLBT6063-6	29515056
CLBT6062-6	23041178	CLBT6063-6	29515074
CLBT6062-6	23041179	CLBT6063-6	29515075
CLBT6062-6	23041180	CLBT6063-6	29515076
CLBT6062-6	23041181	CLBT6063-6	29515077
CLBT6062-6	23042088	CLBT6063-6	29515078
CLBT6062-6	23042506	CLBT6063-6	29515079
CLBT6062-6	23043391	CLBT6063-6	29515080
CLBT6062-6	23047058	CLBT6063-6	29515081
CLBT6062-6	29501877	CLBT6063-6	29515082
CLBT6062-6	29502426	CLBT6063-6	29515083
CLBT6062-6	29502461	CLBT6063-6	29515084
CLBT6062-6	29502614	CLBT6063-6	29515085
CLBT6062-6	29502785	CLBT6063-6	29515086
CLBT6062-6	29502786	CLBT6063-6	29515087
CLBT6062-6	29502794	CLBT6063-6	29515088
CLBT6062-6	29506921	CLBT6063-6	29515089
CLBT6062-6	29508673	CLBT6063-6	29515090
CLBT6062-6	29513779	CLBT6063-6	29515091
CLBT6062-6	29514047	CLBT6063-6	29515092
CLBT6062-6	29514274	CLBT6063-6	29515093
CLT6062-3	23041188	CLT6063-3	29515208

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8-TR-94, Rev A
February, 1994
Product Code(s):

TRANSMISSION	OLD ASSY NO.	TRANSMISSION	NEW ASSY NO.
CLT6062-4	23041191	CLT6063-4	29515209
CLT6062-4	23041193	CLT6063-4	29515210
CLT6062-4	29505164	CLT6063-4	29515211
CLT6062-4	29507077	CLT6063-4	29515212
CLT6062-6	23043410	CLT6063-6	29515213
CLT6062-6	23046614	CLT6063-6	29515214
CLT6062-6	29501639	CLT6063-6	29515215
CLT6062-6	29501955	CLT6063-6	29515216
CLT6062-6	29502470	CLT6063-6	29515217
CLT6062-6	29502471	CLT6063-6	29515218
CLT6062-6	29502788	CLT6063-6	29515219
CLT6062-6	29508489	CLT6063-6	29515220
CLT6062-6	29508551	CLT6063-6	29515221
CLT6062-6	29509327	CLT6063-6	29515222
CLT6062-6	29511635	CLT6063-6	29515223

TRANSMISSION	OLD ASSY NO.	TRANSMISSION	NEW ASSY NO.
CLT5962-1	29505126	CLT5963-1	29515037
CLT5962-10	23041182	CLT5963-10	29515038
CLT5962-10	23041183	CLT5963-10	29515039
CLT5962-3	23041184	CLT5963-3	29515040
CLT5962-5	23041185	CLT5963-5	29515041
CLT5962-5	23041186	CLT5963-5	29515042
CLT5962-5	29509671	CLT5963-5	29515043
CLT5962-6	23041187	CLT5963-6	29515044
CLT5962-6	29502693	CLT5963-6	29515045
CLT5962-6	29502784	CLT5963-6	29515046
CLT5962-6	29503664	CLT5963-6	29515047
CLT5962-6	29507393	CLT5963-6	29515048
CLT5962-6	29509326	CLT5963-6	29515049

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Revisions to the SIL are noted by
a stripe in the left-hand margin.

35-TR-94, Rev. B
February, 2006
Product Code(s):
Page 1 of 2

SUBJECT: Input Drive Flange Fit

EQUIPMENT AFFECTED: CL(B)T 5/6000

EFFECTIVITY: S/N 3110100359, May 1994

Introduction:

The purpose of this revision is to clarify the spline fit between the current remote Input Drive Cover Assembly P/N 29519116 (detail splined Hub P/N 29515103) and the Input Flange (various P/Ns).

The size of the spline on the remote input cover has been increased slightly to provide a more snug fit of the input flange to drive cover. Because of detail part tolerances, the resulting fit can be EITHER in interference (tight fit) OR in clearance (slip fit). Interference fitting flanges will require heating to install. The new size spline is reflected in the new part numbers for the remote drive housing assembly and also in the detail splined hub.

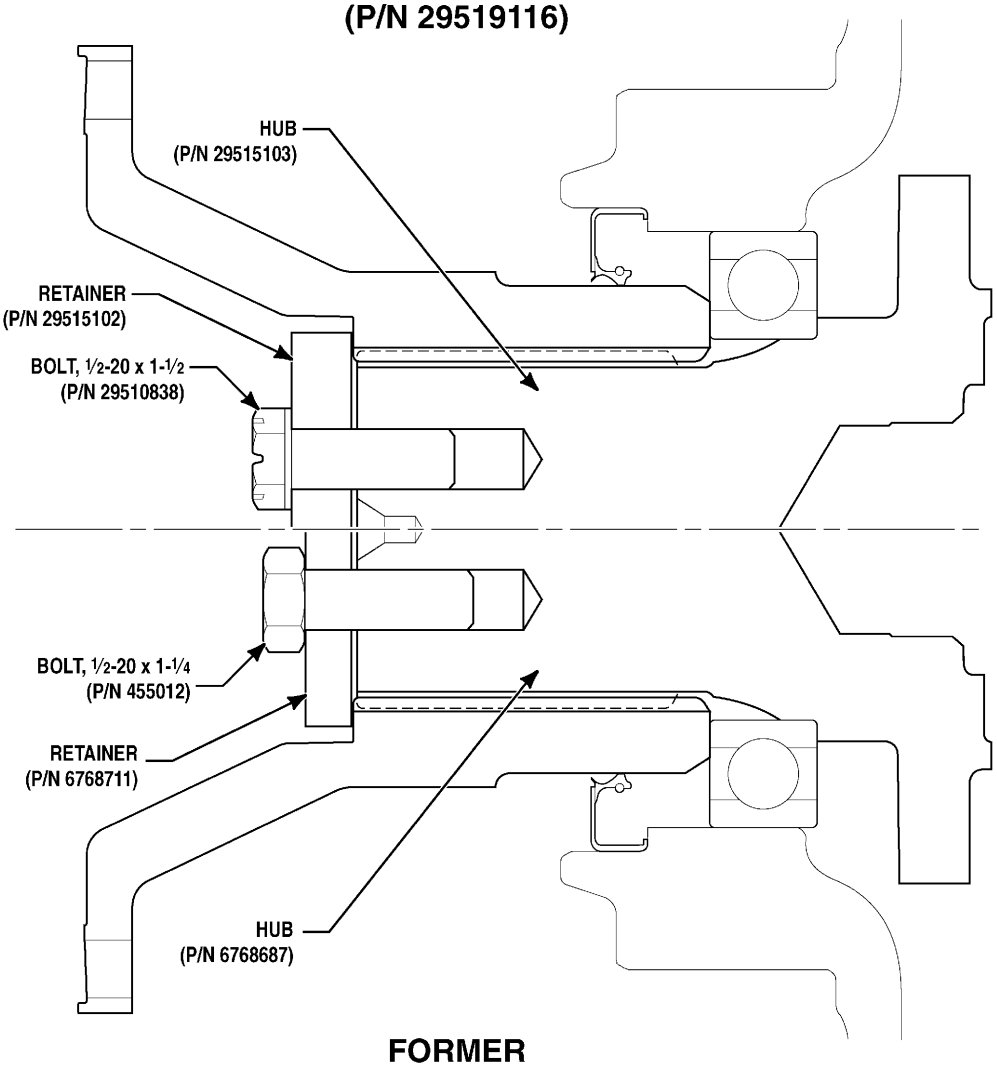
Concurrent with this change, a thicker flange retainer washer and longer self-locking bolts are used. The new spline fit may require heating the input flange to 250ºF maximum to facilitate assembly of the flange onto the mating spline.

Make sure that the flange is fully seated prior to determining the required shim pack. Refer to the appropriate service manual for detailed assembly/disassembly instructions.

If the splined Hub is in need of replacement, it can be ordered through normal service parts channels. Consult Section 6–23 of the 5/6000 Series Service Manual (SM1866EN) for detailed instructions on reworking the Input Drive Cover Assembly.

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CURRENT
DRIVE COVER ASSEMBLY
(P/N 29519116)



FORMER
DRIVE COVER ASSEMBLY
(P/N 6770631)

V10142.00.00

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SUBJECT: Allison Transmission Sealed Plus II Electronic Controls

EQUIPMENT AFFECTED: MT(B) 600, CL(B)T 700, HT 700, CL(B)T 5/6000, DP 8000 and CL(B)T 9000 Electronic Models

Sealed Plus II Electronic Control Units (ECUs), P/N 1227166 (MY 1985 electronics) and P/N 1227939 (MY 1986 electronics), are no longer available for service. If the Programmable Read Only Memory chip (PROM) requires replacement, they remain available. However, in the event P/Ns 1227166 or 1227939 require replacement, they must be replaced with a Sealed Plus II service ECU, P/N 1228282. **NOTE:** DP 8000 requires update to service ECU, P/N 16172029. This special case is detailed in SIL 13-TR-91.

Selection of the new PROM may be accomplished in the following fashion. If the vehicle is from a fleet, it might best serve our customer to determine what PROM is being used in other P/N 1228282 service ECUs in the fleet and supply that P/N, after assuring compatibility to oil sensor type, if appropriate (5000, 6000, 8000 and 9000 Series transmissions may have a type of oil sensor listed but do not require the function), and compatibility to other options. This will avoid proliferation of P/Ns at the customer location. If the customer has no P/N 1228282 ECUs in the fleet, you may select candidates from the following list. First, find the correct transmission model. Second, select the correct maximum loaded governed speed of the engine. This process will generate a short list of ECU/PROM numbers. Complete the PROM selection process by using the Electronic Control Inquiry System (ECIS) to select PROM options and shift points that meet the customer's requirements. If you cannot determine a correct PROM, call the Indianapolis Service Department for assistance.

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Key to ECU List:

Oil Sensor:
- P = Lube Pressure
- F = Fluidic Oil Level
- L = Oil Level

Overspeed Signal:
- EO = Engine Overspeed
- LL = Low Oil Level
- FT = Fire Truck Special

Controls:
- NA = Not Applicable
- LR = Lock-in-Range During Power Failure
- LN = Lock-in-Neutral During Power Failure

Hold Option:
- L = Load Hold
- N = Neutral Hold
- R = Refuse

BDCL:
- N = None
- TE = Transmission to Engine
- TT = Transmission to Transmission

Spl Input:
- B1 = Neutral to Range Inhibit (requires selection of neutral to disengage)
- B2 = Neutral to Range Inhibit (may be disengaged regardless of shifter)
- N = None
- SC = Stall Check

Bed Hoist:
- Y = Yes
- N = No

Secondary Input:
- S = Stall Ck
- N = None

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MODEL NUMBER	ECU NUMBER	PROM NUMBER	SERVICE ECU	OIL SEN	CAL SPEED	N/V RATIO	RETARD OPTMOD	PRESEL RANGE	RANGE SIGNAL	SPL INPUT	BDCL OPT	VOC NUM	SPL OUTPT	OVER SPEED SIG	CON ROLS	HLD OPT	BED HST	SEC INP
DP 8963	29504960	29504959	16172029	P	1900	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504970	29504969	16172029	P	1900	82	1AB	4	6	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504976	29504975	16172029	P	1900	82	1AB	4	5	B2	N	4050	EO	2400	LR	L	Y	S
DP 8963	29504982	29504981	16172029	P	1900	82	1AB	4	6	B2	N	4050	EO	2400	LR	L	Y	S
DP 8963	29504984	29504983	16172029	P	1900	82	3A		N	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504988	29504987	16172029	P	1900	82	1AB	4	6543	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504972	29504971	16172029	P	2099	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504974	29504973	16172029	P	2100	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504980	29504979	16172029	P	2100	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504990	29504989	16172029	P	2100	82	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504952	29504951	16172029	P	2141	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504954	29504953	16172029	P	2141	58	1AB	4	5	B1	N	4050	EO	2400	LR	L	N	S
DP 8963	29504956	29504955	16172029	P	2141	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504958	29504957	16172029	P	2141	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504962	29504961	16172029	P	2141	82	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504964	29504963	16172029	P	2141	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504966	29504965	16172029	P	2141	82	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504968	29504967	16172029	P	2141	82	1AB	4	4	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504978	29504977	16172029	P	2141	82	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504986	29504985	16172029	P	2141	82	1AB	4	N	B2	N	4020	EO	2400	LR	L	Y	S
DP 8963	29504992	29504991	16172029	P	2177	82	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
HT(B) 741	29504896	29504895	1228282	F	1737	110	5A		1R	B1	N	6830	EO	2510	NA	N	N	N
HT(B) 741	29504742	29504741	1228282	F	1798	38	5A		4	B1	N	6400	EO	2510	NA	L	Y	S
HT(B) 741	29504754	29504753	1228282	F	1798	38	5A		N	B1	N	6400	EO	2510	NA	L	Y	S
HT(B) 741	29504756	29504755	1228282	F	1798	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504688	29504687	1228282	F	1891	161	5A		4	B1	N	6830	EO	2510	NA	L	N	S
HT(B) 741	16089119	16088967	1228282	P	1901	39	5A		5	N	N	2710	FT	2225	NA	N	N	N
HT(B) 741	29502476	29502475	1228282	F	1929	32	3AL		4	N	N	2710	FT	2223	NA	N	N	N
HT(B) 741	29502540	29502539	1228282	F	1929	32	5A		4	N	N	2710	FT	2223	NA	N	N	N
HT(B) 741	29502712	29502711	1228282	F	1929	32	5A		N	B1	N	3440	LL	2223	NA	R	N	N
HT(B) 741	29504510	29504509	1228282	F	1929	37	5A		4	B1	N	3420	EO	2508	NA	L	Y	S
HT(B) 741	29504616	29504615	1228282	F	1929	35	5A		N	N	N	2720	EO	2223	NA	N	N	N
HT(B) 741	29504636	29504635	1228282	F	1929	35	5A		N	B1	N	3440	EO	2510	NA	N	N	N
HT(B) 741	29504658	29504657	1228282	F	1929	35	5A		N	B1	N	3430	EO	2510	NA	N	N	N
HT(B) 741	29504704	29504703	1228282	F	1929	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504726	29504725	1228282	F	1929	38	5A		4	B1	N	3410	EO	2510	NA	L	N	N
HT(B) 741	29504748	29504747	1228282	F	1929	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504758	29504757	1228282	F	1929	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504766	29504765	1228282	F	1929	38	5A		N	B1	N	3440	EO	2510	NA	L	N	N
HT(B) 741	29504786	29504785	1228282	F	1929	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504814	29504813	1228282	F	1929	38	3A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504818	29504817	1228282	F	1929	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504842	29504841	1228282	F	1929	38	5A		N	B1	N	3430	EO	2510	NA	L	N	S
HT(B) 741	29504850	29504849	1228282	F	1929	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504852	29504851	1228282	L	1929	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504862	29504861	1228282	F	1929	38	5A		4	B1	N	3410	LL	2510	NA	N	N	N
HT(B) 741	29504914	29504913	1228282	F	1929	38	5A		4	N	N	2720	LL	2510	NA	N	N	N
HT(B) 741	29504916	29504915	1228282	F	1929	60	5A		N	B1	N	3430	LL	2510	NA	R	N	N
HT(B) 741	16089189	16089007	1228282	P	1930	39	5A			SC	N	2710	FT	2295	NA	N	N	N
HT(B) 741	16089249	16089044	1228282	P	1930	39	5A		4	SC	N	2710	FT	2390	NA	N	N	N
HT(B) 741	16131649	16131616	1228282	P	1930	32	5A		N	N	N	2710	FT	2400	NA	N	N	N

SIL

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HT(B) 741	29504534	29504533	1228282	P	1930	39	5A		N	SC	N	2710	FT	2295	NA	N	N	N
HT(B) 741	29504536	29504535	1228282	P	1930	39	5A			SC	N	2710	FT	2295	NA	N	N	N
HT(B) 741	29504632	29504631	1228282	F	1935	161	5A		4	B1	N	6830	EO	2395	NA	L	N	S
HT(B) 741	29504906	29504905	1228282	F	1950	37	3A		N	B1	N	3440	EO	2510	NA	N	N	N
HT(B) 748	16084619	16084804	1228282	P	1980	37	1A		N	B2	N	6400	EO	2525	NA	N	N	N
HT(B) 748	16085199	16085716	1228282	P	1980	37	1A		N	B1	N	6400	EO	2525	NA	N	N	N
HT(B) 748	16085459	16085601	1228282	F	1986	28	5A		4	N	N	2640	LL	2500	NA	N	N	N
HT(B) 741	29504588	29504587	1228282	F	2000	38	3A		4	B1	N	2510	EO	2510	NA	L	N	S
HT(B) 741	16081039	16080757	1228282	P	2079	37	5A		N	B2	N	3430	LL	2400	NA	N	N	N
HT(B) 741	16081169	16080866	1228282	L	2079	49	5A		N	B2	N	3430	LL	2400	NA	N	N	N
HT(B) 741	16084569	16084768	1228282	L	2079	37	5A		N	B1	N	3430	LL	2400	NA	R	N	N
HT(B) 741	16084639	16084816	1228282	L	2079	49	5A		N	B1	N	3430	LL	2400	NA	R	N	N
HT(B) 741	16084659	16084829	1228282	L	2079	37	5A		N	B1	N	3430	LL	2400	NA	R	N	N
HT(B) 741	16085179	16085705	1228282	P	2079	37	5A		N	B1	N	3430	LL	2400	NA	R	N	N
HT(B) 741	16085589	16085680	1228282	P	2079	35	5A		N	B1	N	3440	LL	2450	NA	R	N	N
HT(B) 741	16085599	16085685	1228282	P	2079	35	5A		4	N	N	2710	FT	2450	NA	N	N	N
HT(B) 741	16089089	16088951	1228282	P	2079	37	5A		4	N	TE	2710	FT	2582	NA	N	N	N
HT(B) 741	16089129	16088973	1228282	P	2079	37	3A		4	N	N	2710	FT	2582	NA	N	N	N
HT(B) 741	16089259	16089050	1228282	P	2079	37	5A		4	N	N	2710	FT	2582	NA	N	N	N
HT(B) 741	16089279	16089061	1228282	P	2079	35	5A		4	N	N	2710	FT	2394	NA	N	N	N
HT(B) 741	16089289	16089066	1228282	L	2079	35	5A		N	N	N	2720	FT	2450	NA	N	N	N
HT(B) 741	16131639	16131614	1228282	P	2079	35	5A		N	N	N	2710	FT	2394	NA	N	N	N
HT(B) 741	16136809	16136496	1228282	P	2079	35	3A		4	N	N	2720	N	2394	NA	N	N	N
HT(B) 741	29502500	29502499	1228282	F	2079	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 741	29502512	29502511	1228282	F	2079	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 748	29504524	29504523	1228282	L	2079	37	5A		4	N	N	2710	FT	2582	NA	N	N	N
HT(B) 741	29504684	29504683	1228282	F	2079	38	5A		4	B1	N	2640	LL	2510	NA	L	N	S
HT(B) 748	29514208	29514207	1228282	F	2079	38	5A		4	B1	N	2640	LL	2510	NA	L	N	S
HT(B) 741	29502474	29502473	1228282	F	2081	35	5A		N	N	N	2710	FT	2394	NA	N	N	N
HT(B) 741	29502502	29502501	1228282	F	2081	35	3A		4	N	N	2720	LL	2394	NA	N	N	N
HT(B) 741	29502554	29502553	1228282	F	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 741	29502556	29502555	1228282	F	2081	35	3A		4	N	N	2710	FT	2394	NA	N	N	N
HT(B) 741	29502560	29502559	1228282	F	2081	35	5A		4	N	N	2720	EO	2394	NA	N	N	N
HT(B) 741	29504550	29504549	1228282	L	2081	35	5A		N	N	N	2710	EO	2394	NA	N	N	N
HT(B) 741	29504570	29504569	1228282	P	2081	38	5A		4	N	N	2710	FT	2394	NA	N	N	N
HT(B) 741	29504630	29504629	1228282	F	2081	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504646	29504645	1228282	F	2081	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504650	29504649	1228282	F	2081	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504666	29504665	1228282	F	2081	38	5A		N	N	N	2720	EO	2510	NA	N	N	N
HT(B) 741	29504722	29504721	1228282	F	2081	38	5A		4	N	N	2730	EO	2510	NA	N	N	N
HT(B) 741	29504724	29504723	1228282	F	2081	38	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	29504730	29504729	1228282	F	2081	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504760	29504759	1228282	F	2081	38	5A		3	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504806	29504805	1228282	F	2081	38	3A		4	N	N	2720	LL	2510	NA	N	N	N
HT(B) 741	29504824	29504823	1228282	P	2081	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504828	29504827	1228282	P	2081	38	5A		N	B1	N	3430	LL	2510	NA	R	N	N
HT(B) 741	29504834	29504833	1228282	F	2081	38	3A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504858	29504857	1228282	F	2081	38	5A		4	N	N	2710	FT	2510	NA	N	N	N
HT(B) 741	29504898	29504897	1228282	P	2081	38	3A		4	N	TE	2710	FT	2510	NA	N	N	N
HT(B) 741	16085609	16085693	1228282	F	2102	66	1AB	3	4	B2	N	4020	EO	2394	NA	L	Y	S
HT(B) 741	29502558	29502557	1228282	F	2180	37	5A		N	B1	N	3440	EO	2508	NA	R	N	N
HT(B) 741	29504638	29504637	1228282	F	2180	60	5A		N	B1	N	3440	EO	2510	NA	R	N	N
HT(B) 741	16089199	16089014	1228282	P	2280	37	3A		4	SC	N	2710	FT	2700	NA	N	N	N
HT(B) 741	29502516	29502515	1228282	F	2280	38	3A		4	N	N	2710	FT	2622	NA	N	N	N
HT(B) 741	16131689	16131621	1228282	P	2281	38	3N		4	N	N	2710	FT	0	NA	N	N	N
HT(B) 741	29504874	29504873	1228282	F	2283	60	3A		3	B1	N	6815	EO	2622	NA	L	N	S

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HT(B) 741	29504876	29504875	1228282	F	2283	110	3A		3	B1	N	6815	E0	2736	NA	L	N	S
HT(B) 741	16084549	16084748	1228282	P	2400	61	1A		3	B2	N	6910	LL	2732	NA	N	N	N
HT(B) 741	29502514	29502513	1228282	F	2400	69	1A		3	B1	N	6910	LL	2736	NA	N	N	N
HT(B) 741	29504716	29504715	1228282	F	2485	60	3A		1	B1	N	6815	E0	2650	NA	L	N	S
HT(B) 755CR	29504562	29504562	1228282	F	1885	35	5A		5	B1	N	6910	E0	2394	NA	L	N	S
HT(B) 755CR	29502714	29502713	1228282	F	1931	32	5A		N	B1	N	3440	LL	2223	NA	R	N	N
HT(B) 755CR	29504682	29504681	1228282	F	1931	35	5A		N	B1	N	3440	E0	2510	NA	R	N	N
HT(B) 755CR	29504770	29504769	1228282	F	1931	38	5A		N	B1	N	3440	E0	2510	NA	R	N	N
HT(B) 755CR	29504788	29504787	1228282	F	1931	38	5A		5	N	N	2710	FT	2510	NA	N	N	N
HT(B) 755CR	16074629	16074975	1228282	P	1937	37	5A		N	B1	N	3430	LL	2380	NA	N	N	N
HT(B) 755CR	16084649	16084823	1228282	P	1937	37	5A		N	B1	N	3430	LL	2380	NA	R	N	N
HT(B) 755CR	29504586	29504585	1228282	F	1951	36	5A		5	B1	N	3410	E0	2394	NA	L	Y	S
HT(B) 755CR	29504644	29504643	1228282	F	1980	38	3A		5	B1	N	2510	E0	2510	NA	L	N	S
HT(B) 755CR	16084609	16084794	1228282	P	1981	32	5A		5	B1	N	3420	LL	2350	NA	N	N	N
HT(B) 755CR	16085439	16085590	1228282	P	2050	40	3AB	2	54321	NRSC	N	3420	E0	2550	NA	N	N	N
HT(B) 755CR	16084629	16084810	1228282	P	2057	40	3ABL	1	5	B1	N	3420	LL	2700	NA	N	N	S
HT(B) 755CR	16089179	16089002	1228282	P	2078	54	5A		5	SC	N	2720	E0	2550	NA	N	N	N
HT(B) 755CR	29502520	29502519	1228282	F	2078	60	5A		5	N	N	2720	E0	2394	NA	N	N	N
HT(B) 755CR	16085529	16085646	1228282	L	2080	37	5A		5	B1	N	3410	LL	2550	NA	N	N	S
HT(B) 755CR	16085549	16085657	1228282	P	2080	31	3N		N	B1	N	2521	LL	0	NA	N	N	N
HT(B) 755CR	16088999	16088901	1228282	L	2080	35	5A		N	N	N	2710	FT	2450	NA	N	N	N
HT(B) 755CR	16089099	16088956	1228282	P	2080	37	5N		5	N	N	2710	FT	0	NA	N	N	N
HT(B) 755CR	16089109	16088962	1228282	P	2080	37	5N		5	N	TE	2710	FT	0	NA	N	N	N
HT(B) 755CR	16131659	16131617	1228282	L	2080	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755CR	16136749	16136488	1228282	P	2080	35	5A		5	N	N	2710	FT	2394	NA	N	N	N
HT(B) 755CR	16136779	16136492	1228282	P	2080	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755CR	16136839	16136500	1228282	P	2080	35	5N		5	N	N	2710	FT	0	NA	N	N	N
HT(B) 755CR	29502530	29502529	1228282	F	2080	35	5A		5	N	N	2710	FT	2394	NA	N	N	N
HT(B) 755CR	29504686	29504685	1228282	F	2080	38	5A		5	B1	N	2521	E0	2510	NA	L	N	S
HT(B) 755CR	29504718	29504717	1228282	F	2080	38	5A		5	N	N	2720	E0	2510	NA	N	N	N
HT(B) 755CR	29504720	29504719	1228282	F	2080	38	5A		5	N	N	2710	FT	2510	NA	N	N	N
HT(B) 755CR	29504804	29504803	1228282	F	2080	38	3A		5	B1	N	3420	LL	2510	NA	L	N	N
HT(B) 755CR	29504836	29504835	1228282	F	2080	38	3A		5	N	N	2710	FT	2510	NA	N	N	N
HT(B) 755CR	29502550	29502549	1228282	F	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755CR	29504532	29504531	1228282	F	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755CR	29504576	29504575	1228282	P	2081	35	5A		5	N	N	2710	FT	2394	NA	N	N	N
HT(B) 755CR	29504610	29504609	1228282	F	2081	60	5A		5	B1	N	3420	E0	2394	NA	N	N	N
HT(B) 755CR	29504668	29504667	1228282	F	2081	38	5A		5	B1	N	6910	E0	2510	NA	N	N	N
HT(B) 755DR	29504676	29504675	1228282	F	1436	919	1A		54321	N	N	6100	LL	2510	NA	N	N	N
HT(B) 755DR	29504866	29504865	1228282	F	1436	913	1A		54321	N	N	3420	LL	2510	NA	N	N	N
HT(B) 755DR	29504656	29504655	1228282	F	1620	919	1A		54321	N	N	6100	LL	2510	NA	N	N	N
HT(B) 755DR	29502510	29502509	1228282	F	1730	29	5A		N	N	N	2720	E0	1995	NA	N	N	N
HT(B) 755DR	29504942	29504941	1228282	F	1880	38	5A		5	N	N	2720	E0	2510	NA	N	N	N
HT(B) 755DR	29514244	29514243	1228282	F	1880	38	3A		4	N	N	6100	E0	2510	NA	L	N	N
HT(B) 755DR	29502716	29502715	1228282	F	1929	32	5A		N	B1	N	3440	LL	2223	NA	R	N	N
HT(B) 755DR	29504674	29504673	1228282	F	1929	35	5A		N	B1	N	3430	E0	2510	NA	R	N	N
HT(B) 755DR	29504504	29504503	1228282	F	1949	33	5A		5	B1	N	3420	E0	2395	NA	L	Y	S
HT(B) 755DR	29504782	29504781	1228282	F	1949	38	5A		N	B1	N	3440	E0	2510	NA	R	N	N
HT(B) 755DR	29504820	29504819	1228282	F	1949	38	5A		N	B1	N	3440	E0	2510	NA	R	N	N
HT(B) 755DR	29504830	29504829	1228282	F	1949	38	5A		N	B1	N	3430	E0	2510	NA	L	N	S
HT(B) 755DR	29504840	29504839	1228282	F	1949	38	3A		5	N	N	2710	FT	2510	NA	N	N	N
HT(B) 755DR	29504872	29504871	1228282	F	1949	38	1A		5432	N	N	3420	LL	2510	NA	L	N	N

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MODEL NUMBER	ECU NUMBER	PROM NUMBER	SERVICE ECU	OIL SEN	CAL SPEED	N/V RATIO	RETARD OPTMOD	PRESEL RANGE	RANGE SIGNAL	SPL INPUT	BDCL OPT	VOC NUM	SPL OUTPT	OVER SPEED	CON ROLS	HLD OPT	BED HST	SEC INP
HT(B) 755DR	29504596	29504595	1228282	F	1950	36	5A		5	B1	N	3420	EO	2510	NA	L	Y.	S
HT(B) 755DR	29504600	29504599	1228282	P	1950	36	5A		5	B1	N	3420	EO	2510	NA	L	Y	S
HT(B) 755DR	29504608	29504607	1228282	F	1988	37	5A		N	B1	N	3440	EO	2510	NA	L	N	S
HT(B) 755DR	16089269	16089055	1228282	L	2080	31	5A		5	B1	N	3440	LL	2550	NA	N	N	N
HT(B) 755DR	16131629	16131612	1228282	P	2080	35	5A			B1	N	3420	LL	2393	NA	N	N	N
HT(B) 755DR	29502518	29502517	1228282	F	2080	35	5A		5	B1	N	3440	LL	2394	NA	N	N	N
HT(B) 755DR	16085559	16085663	1228282	L	2081	60	5A		N	B1	N	3420	N	2450	NA	R	N	S
HT(B) 755DR	16089209	16089021	1228282	P	2081	60	5A		5	SC	N	0	FT	2450	NA	N	N	N
HT(B) 755DR	16089229	16089033	1228282	L	2081	60	5A		5	SC	N	2710	FT	2450	NA	N	N	N
HT(B) 755DR	16131709	16131624	1228282	L	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755DR	16136759	16136490	1228282	P	2081	60	5A		N	B1	N	3420	LL	2394	NA	N	N	N
HT(B) 755DR	29502504	29502503	1228282	F	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755DR	29502508	29502507	1228282	F	2081	60	5A		N	B1	N	3420	LL	2394	NA	N	N	N
HT(B) 755DR	29502546	29502545	1228282	F	2081	35	3AL		4	N	N	2710	FT	2394	NA	N	N	N
HT(B) 755DR	29502548	29502547	1228282	F	2081	35	5A		N	B1	N	3420	EO	2394	NA	N	N	N
HT(B) 755DR	29502552	29502551	1228282	F	2081	35	5A		N	B1	N	3440	LL	2394	NA	R	N	N
HT(B) 755DR	29504010	29504009	1228282	F	2081	35	5A		5	N	N	2710	FT	2394	NA	N	N	N
HT(B) 755DR	29504502	29504501	1228282	F	2081	37	5A		5	B1	N	3410	N	2508	NA	N	N	N
HT(B) 755DR	29504538	29504537	1228282	P	2081	35	5AB	3		B1	N	5600	N	2394	NA	N	N	N
HT(B) 755DR	29504560	29504559	1228282	P	2081	31	5A		5	B1	N	2510	LL	2550	NA	N	N	N
HT(B) 755DR	29504568	29504567	1228282	F	2081	38	3A		4	N	N	6100	EO	2394	NA	L	N	N
HT(B) 755DR	29504574	29504573	1228282	F	2081	35	5A			B1	N	5600	LL	2394	NA	N	N	S
HT(B) 755DR	29504662	29504661	1228282	F	2081	38	5A		5	B1	N	3420	EO	2510	NA	L	N	N
HT(B) 755DR	29504672	29504671	1228282	F	2081	38	3A		4	N	N	6100	EO	2510	NA	L	N	N
HT(B) 755DR	29504780	29504779	1228282	F	2081	60	5A		5	B1	TT	6860	EO	2510	NA	L	N	S
HT(B) 755DR	29504792	29504791	1228282	F	2081	60	5A		5	B1	TT	6860	EO	2510	NA	L	N	S
HT(B) 755DR	29504800	29504799	1228282	F	2081	38	5A		5	N	N	2710	FT	2510	NA	N	N	N
HT(B) 755DR	29504802	29504801	1228282	F	2081	38	5A		N	B1	N	3420	LL	2510	NA	L	N	S
HT(B) 755DR	29514212	29514211	1228282	F	2081	38	3A		4	N	N	6100	EO	2510	NA	L	N	N
HT(B) 755DR	16085619	16085698	1228282	P	2100	35	3A		4	N	N	6100	N	2550	NA	L	N	N
HT(B) 755DR	16131669	16131618	1228282	P	2100	35	3A		4	SC	N	6100	N	2550	NA	L	N	N
HT(B) 755DR	29504642	29504641	1228282	F	2100	919	1N		5	QN	N	6100	LL	0	NA	L	Y	N
HT(B) 755DR	29514242	29514241	1228282	F	2103	913	3A		5	QN	N	6100	LL	2510	NA	L	N	N
HT(B) 755DR	29504784	29504783	1228282	F	2111	38	3A		5	B1	N	6850	EO	2770	NA	L	N	S
HT(B) 755DR	29504908	29504907	1228282	F	2111	38	3A		5	B1	N	6850	EO	2770	NA	L	N	S
HT(B) 755DR	29504774	29504773	1228282	F	2119	38	5A		5	B1	N	3410	EO	2510	NA	L	N	S
HT(B) 755DR	29504778	29504777	1228282	F	2119	60	1AB	3	21NR	B1	N	6910	EO	2510	NA	L	N	N
HT(B) 755DR	29504794	29504793	1228282	F	2119	60	1AB	3	21NR	B1	N	6910	EO	2510	NA	L	N	N
HT(B) 755DR	29504796	29504795	1228282	F	2119	38	5A		5	B1	N	3410	EO	2510	NA	L	N	S
HT(B) 755DR	29504832	29504831	1228282	F	2119	38	3A		4	N	N	6100	EO	2510	NA	L	N	N
HT(B) 755DR	29504892	29504891	1228282	F	2119	60	5AB	3	21NR	B1	N	6920	EO	2510	NA	L	N	S
HT(B) 755DR	29514210	29514209	1228282	F	2119	60	5AB	3	1	B1	N	6920	EO	2510	NA	L	N	S
HT(B) 755DR	29504640	29504639	1228282	F	2200	66	5A		5	B1	N	6850	EO	2622	NA	L	N	S
HT(B) 755DR	29504860	29504859	1228282	F	2200	38	5A		N	B1	N	6350	EO	2679	NA	L	N	S
HT(B) 755DR	29504620	29504619	1228282	F	2280	42	5A		5	N	N	2730	EO	2622	NA	N	N	N
HT(B) 755DR	29504714	29504713	1228282	F	2283	38	3A		1	B1	N	3420	EO	2622	NA	L	N	S
HT(B) 755DR	29504762	29504761	1228282	F	2283	60	3A		1	B1	N	3420	EO	2622	NA	L	N	S
HT(B) 755DR	29504882	29504881	1228282	F	2283	60	3A		4	B1	N	3420	EO	2622	NA	L	N	S
HT(B) 755DR	29504798	29504797	1228282	F	2326	38	5A		5	N	N	2730	EO	2622	NA	N	N	N
MT(B) 648	16089239	16089038	1228282	P	2079	44	3N		4	N	N	2710	FT	0	NA	N	N	N
MT(B) 648	29504002	29504001	1228282	P	2121	35	3AL		4	N	N	2710	FT	2394	NA	N	N	N
MT(B) 648	29504594	29504593	1228282	P	2121	38	3A		4	N	N	2720	EO	2394	NA	N	N	N
MT(B) 648	29504634	29504633	1228282	P	2121	38	3A		N	B1	N	3440	EO	2510	NA	L	N	S
MT(B) 648	16085319	16085319	1228282	P	2380	44	3A		4	N	N	2710	FT	2500	NA	N	N	N

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MODEL NUMBER	ECU NUMBER	PROM NUMBER	SERVICE ECU	OIL SEN	CAL SPEED	N/V RATIO	RETARD OPTMOD	PRESEL RANGE	RANGE SIGNAL	SPL INPUT	BDCL OPT	VOC NUM	SPL OUTPT	OVER SPEED	CON ROLS	HLD OPT	BED HST	SEC INP
MT(B) 648	16089159	16088990	1228282	P	2380	44	3A		4	N	N	2710	FT	2500	NA	N	N	N
MT(B) 648	29504692	29504691	1228282	P	2384	44	3A		N	N	N	2710	FT	2736	NA	N	N	N
MT(B) 648	29504826	29504825	1228282	P	2384	38	5A		4	N	N	2710	FT	2736	NA	N	N	N
CL(B)T 59/6062	29504670	29504669	1228282	P	0	913	1AB	3	2	B1	N	6220	EO	2400	LR	L	N	N
CL(B)T 59/6062	29504894	29504893	1228282	P	1901	90	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	16136789	16136494	1228282	P	2080	88	5A		6	B1	N	3420	EO	2394	LR	L	N	S
CL(B)T 59/6062	16074729	16075030	1228282	P	2100	84	1AB	2	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16081109	16080828	1228282	P	2100	84	1AB	4	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16081119	16080835	1228282	P	2100	84	1AB	4	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16081129	16080842	1228282	P	2100	84	1AB	4	5	B2	N	4050	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16081139	16080847	1228282	P	2100	84	1AB	4	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16081149	16080854	1228282	P	2100	84	1AB	4	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16084519	16084730	1228282	P	2100	84	1AB	4	5	B2	N	4020	EO	2450	LR	L	Y	S
CL(B)T 59/6062	16085579	16085674	1228282	P	2100	88	5AB	4	5	B1	N	2550	EO	2394	LR	L	N	S
CL(B)T 59/6062	16136699	16136481	1228282	P	2100	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29502616	29502615	1228282	P	2100	88	1AB	4	5	B2	N	4050	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29502622	29502621	1228282	P	2100	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504542	29504541	1228282	P	2100	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504544	29504543	1228282	P	2100	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504554	29504553	1228282	P	2100	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504580	29504579	1228282	P	2100	88	1AB	2	1	B1	TT	4011	EO	2394	LR	L	N	S
CL(B)T 59/6062	29504582	29504581	1228282	P	2100	88	1AB	2	1	B1	TT	4011	EO	2394	LN	L	N	S
CL(B)T 59/6062	29504652	29504561	1228282	P	2150	88	3A		6	B1	N	2550	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504694	29504693	1228282	P	2100	90	3A		6	B1	N	2550	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504746	29504745	1228282	P	2101	90	3A		5	B1	N	2550	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504900	29504899	1228282	P	2101	90	1AB	4	6	B1	N	4040	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504592	29504591	1228282	P	2121	88	3A		5	B2	N	4060	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504622	29504621	1228282	P	2121	88	3A		6	B1	N	6920	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504744	29504743	1228282	P	2121	90	1AB	4	6543	B2	N	4030	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504768	29504767	1228282	P	2121	90	3A		5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	29504776	29504775	1228282	P	2121	90	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	29504810	29504809	1228282	P	2121	90	3A		NR	B1	N	5600	N	2400	LR	N	N	N
CL(B)T 59/6062	29504848	29504847	1228282	P	2121	90	1AB	4	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	29502612	29502611	1228282	P	2123	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29502626	29502625	1228282	P	2123	88	1AB	2	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29502762	29502761	1228282	P	2123	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504548	29504547	1228282	P	2123	88	1AB	2	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504552	29504551	1228282	P	2123	88	1AB	4	5	B2	N	4020	EO	2394	LR	L	Y	S
CL(B)T 59/6062	29504654	29504653	1228282	P	2123	88	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	29504706	29504705	1228282	P	2123	90	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 59/6062	29504696	29504695	1228282	P	2127	90	3A		6	B1	N	3420	EO	2400	LR	L	N	S
CL(B)T 59/6062	29504822	29504821	1228282	P	2127	90	3A		N	B1	N	2550	EO	2400	LR	L	N	S
CL(B)T 59/6062	29502634	29502633	1228282	P	2150	88	5A		5	B1	N	3420	EO	2394	LR	L	N	S
CL(B)T 59/6062	29504528	29504527	1228282	P	2150	57	3A		5	B1	TT	2550	EO	2394	LR	L	N	S
CL(B)T 59/6062	29504530	29504529	1228282	P	2150	57	3A		5	B1	TT	2550	EO	2394	LN	L	N	S
CL(B)T 59/6062	29504606	29504605	1228282	P	2150	88	5A		6	B1	N	2540	EO	2394	LR	L	N	S
CL(B)T 59/6062	16085369	16085828	1228282	P	2300	84	1AB	4	5	B2	N	4020	EO	2650	LR	L	Y	S
CL(B)T 59/6062	29502630	29502629	1228282	P	2300	96	1AB	4	5	B2	N	4020	EO	2622	LR	L	Y	S
CL(B)T 59/6062	16136859	16136502	1228282	P	2424	169	5A		5	B1	N	2550	EO	2736	LR	L	N	S
CL(B)T 59/6062	29504890	29504889	1228282	P	5000	90	1AB	2	5	B2	N	4020	EO	2400	LR	L	Y	S
CL(B)T 755	29504578	29504577	1228282	F	1742	36	5A		5	B1	N	3420	EO	2394	NA	L	Y	S
CL(B)T 755	29504808	29504807	1228282	F	1880	38	3A		21	N	N	2730	EO	2510	NA	N	N	N

SIL

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36-TR-94
August, 1994
Product Code(s): 24, 25, 31, 43

MODEL NUMBER	ECU NUMBER	PROM NUMBER	SERVICE ECU	OIL SEN	CAL SPEED	N/V RATIO	RETARD OPTMOD	PRESEL RANGE	RANGE SIGNAL	SPL INPUT	BDCL OPT	VOC NUM	SPL OUTPT	OVER SPEED	CON ROL	HLD SOPT	BED HST	SEC INP
CL(B)T 755	29504710	29504709	1228282	F	1890	110	5A		2	B1	N	6830	E0	2510	NA	L	N	N
CL(B)T 755	29504854	29504853	1228282	F	1890	110	3A		5	B1	N	6830	E0	2510	NA	L	N	N
CL(B)T 755	29504870	29504869	1228282	F	1890	60	3A		5	B1	TT	6860	E0	2510	NA	L	N	S
CL(B)T 755	29504614	29504613	1228282	F	1927	66	1AB	3	21NR	B1	N	6920	E0	2394	NA	L	N	N
CL(B)T 755	29504626	29504625	1228282	F	1927	66	1AB	3	21NR	SC	N	6920	E0	2510	NA	L	N	N
CL(B)T 755	29504628	29504627	1228282	F	1927	66	1AB	3	21NR	SC	N	6920	E0	2510	NA	L	N	N
CL(B)T 755	29504680	29504679	1228282	F	1927	66	1AB	3	21NR	SC	N	6920	E0	2510	NA	L	N	N
CL(B)T 755	29504004	29504003	1228282	F	1931	66	1AB	3	21NR	B1	N	6920	E0	2500	NA	L	N	S
CL(B)T 755	29504508	29504507	1228282	F	1931	66	1AB	3	21NR	B1	N	6920	E0	2500	NA	L	N	S
CL(B)T 755	29504728	29504727	1228282	F	1931	38	3A		5	B1	N	2540	LL	2510	NA	L	N	N
CL(B)T 755	29504520	29504519	1228282	F	1991	66	1AB	3	1	B1	N	6920	E0	2394	NA	L	N	N
CL(B)T 755	16085359	16085823	1228282	P	2001	29	5A		21	SC	N	2730	E0	2350	NA	N	N	N
CL(B)T 755	16089169	16088995	1228282	P	2001	29	5A		21	SC	N	2720	E0	2350	NA	N	N	N
CL(B)T 755	16136659	16136476	1228282	F	2001	33	5A		21	N	N	2720	E0	2280	NA	N	N	N
CL(B)T 755	29504564	29504563	1228282	F	2052	130	5A		5	B1	N	6830	E0	2394	NA	N	N	N
CL(B)T 755	29504678	29504677	1228282	F	2081	66	1AB	3	1	B1	N	6920	E0	2510	NA	L	N	S
CL(B)T 755	29504690	29504689	1228282	F	2081	38	5A		21	N	N	2730	E0	2510	NA	N	N	N
CL(B)T 755	29504712	29504711	1228282	F	2081	60	3A		5	B1	N	6860	E0	2510	NA	L	N	S
CL(B)T 755	29504732	29504731	1228282	F	2081	60	1AB	3	1	B1	N	6920	E0	2510	NA	L	N	S
CL(B)T 755	29504764	29504763	1228282	F	2081	60	3A		5	B1	TT	6860	E0	2510	NA	L	N	S
CL(B)T 755	29504816	29504815	1228282	F	2081	38	5A		5	N	N	2730	E0	2510	NA	N	N	N
CL(B)T 755	29504844	29504843	1228282	F	2081	60	3A		4	B1	TT	6860	E0	2510	NA	L	N	S
CL(B)T 755	29504846	29504845	1228282	F	2081	60	3A		3	B1	TT	6860	E0	2510	NA	L	N	S
CL(B)T 755	29504864	29504863	1228282	F	2081	60	5AB	3	1	B1	N	6920	E0	2510	NA	L	N	S
CL(B)T 755	29504884	29504883	1228282	F	2081	60	5AB	3	21NR	SC	N	6920	E0	2510	NA	L	N	N
CL(B)T 755	29504940	29504939	1228282	F	2081	60	3A		N	B1	N	6920	LL	2510	NA	L	N	N
CL(B)T 755	29504584	29504583	1228282	F	2090	38	3A		5	B1	N	7012	E0	2394	NA	N	N	N
CL(B)T 755	29504790	29504789	1228282	L	2090	38	3A		5	B1	N	7012	E0	2510	NA	N	N	N
CL(B)T 755	29504612	29504611	1228282	F	2100	86	1AB	3	4	B2	N	4020	E0	2510	NA	L	Y	S
CL(B)T 755	29504772	29504771	1228282	F	2100	110	1AB	3	4	B2	N	4020	E0	2510	NA	L	Y	S
CL(B)T 755	16074609	16074964	1228282	P	2102	79	1AB	3	4	B2	N	4020	E0	2450	NA	L	Y	S
CL(B)T 755	16085539	16085652	1228282	P	2102	79	1AB	4	4	B2	N	4020	E0	2450	NA	L	Y	S
CL(B)T 755	16085569	16085668	1228282	P	2102	919	1A		5	QN	N	6100	LL	2373	NA	N	Y	N
CL(B)T 755	29504648	29504647	1228282	F	2102	86	1AB	3	4	B2	N	4020	E0	2510	NA	L	Y	S
CL(B)T 755	29504902	29504901	1228282	F	2102	38	3A		5	B1	TT	6860	E0	2510	NA	L	N	S
CL(B)T 755	16089149	16088984	1228282	P	2301	38	3ABL	2	21	SC	N	2720	E0	2750	NA	N	N	N
CL(B)T 755	29504708	29504707	1228282	F	2301	38	5A		5	N	N	2730	E0	2622	NA	N	N	N
CL(B)T 755	29504736	29504735	1228282	F	2301	60	1AB	3	5	B1	N	6920	E0	2679	NA	L	N	S
CL(B)T 9681	16085329	16085802	1228282	P	1900	84	1AB	2	5	B2	N	4020	E0	2450	LR	L	Y	S
CL(B)T 9681	16085339	16085807	1228282	P	1900	84	1AB	4	5	B2	N	4020	E0	2450	LR	L	Y	S
CL(B)T 9681	29504624	29504623	1228282	P	1901	74	1AB	4	654	B1	N	4050	E0	2400	LR	L	N	S
CL(B)T 9681	29504812	29504811	1228282	P	1901	58	1AB	4	5	B2	N	4050	E0	2400	LR	L	N	S
CL(B)T 9681	29504838	29504837	1228282	P	1901	58	1AB	4	6	B2	N	4050	E0	2400	LR	L	N	S
CL(B)T 9681	16085219	16085727	1228282	P	1933	84	1AB	2	5	B2	N	4020	E0	2450	LR	L	Y	S
CL(B)T 9681	16085349	16085815	1228282	P	2100	84	1AB	4	5	B2	N	4020	E0	2450	LR	L	Y	S
CL(B)T 9681	16085389	16085846	1228282	P	2100	84	1AB	4	5	B1	N	4050	E0	2450	LR	L	N	S
CL(B)T 9681	16085479	16085614	1228282	P	2100	84	1AB	4	5	B2	N	4020	E0	2450	LR	L	Y	S
CL(B)T 9681	29502636	29502635	1228282	P	2120	82	1AB	4	5	B2	N	4020	E0	2394	LR	L	Y	S
CL(B)T 9681	29504944	29504943	1228282	P	2120	913	3A		3	B1	N	6300	E0	2400	LR	L	N	S
CL(B)T 9681	29504950	29504949	1228282	P	2120	82	1AB	4	5	B1	N	4050	E0	2400	LR	L	N	S
CL(B)T 9681	29514206	29514205	1228282	P	2120	913	3A		6	B1	N	6300	E0	2400	LR	L	N	S
CL(B)T 9681	29514214	29514213	1228282	P	2120	913	3A		N	B1	N	6300	E0	2400	LR	L	N	S

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5-TR-96
January, 1996
Product Code(s): 05, 24, 25, 31, 43
Page 1 of 1

SUBJECT: Service P/N 1228282 and 16172029 Plus II Electronic Control Units (ECU)

EQUIPMENT AFFECTED: All Current Electronically Controlled Transmissions Utilizing 1987 Model Year Plus II ECUs

Introduction:

Plus II service ECU part number 1228282 may be used when required for service with MT 648, V(R) 731(RH), HT(B) 741, HT(B) 748, HT(B) 755, CLBT 755, C(LB)T 5/6000, and C(LB)T 9000 (i.e., all CEC transmission models except DP 8000).

Plus II service ECU part number 16172029 is the only acceptable part number to be used with DP 8000 (see SIL 13-TR-91).

Interchangeability:

It is acceptable to use service ECU P/N 16172029 in place of ECU P/N 1228282 for other than DP 8000, but **UNDER NO CIRCUMSTANCE SHOULD ECU P/N 1228282 BE USED WITH A DP 8000 SERIES TRANSMISSION.**

SPECIAL NOTE: All model year 1987 Plus II ECUs between S/N 13000 and 34652 were mislabeled as "1228282" when in fact they are 16172029, and may be used as such.

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20-TR-96
April, 1996
Product Code(s):

SUBJECT: Change From Tapered Pipe Thread Pressure Ports to SAE Straight Thread O-ring Pressure Ports

EQUIPMENT AFFECTED: 5/6/8/9000 Series

Effective with transmissions and spare parts shipped on or about June 1996, all the off-highway Allison products will have SAE straight thread O-ring pressure taps rather than the former tapered pipe taps.

CAUTION: Installing a pipe fitting or plug into a straight thread O-ring tapped port will not provide a leak-tight joint and will damage the O-ring sealing surface. Quite often, damaged pipe tapped ports can be repaired in place by "Chasing" the damaged port with the appropriate size pipe tap. More precise salvage procedures (possibly as complicated as being completely remachined by a competent machine shop) are required for damaged straight thread O-ring ports to achieve a leak-tight seal. Be certain of the compatibility of the plug or fitting to the port before installation of the plug or fitting.

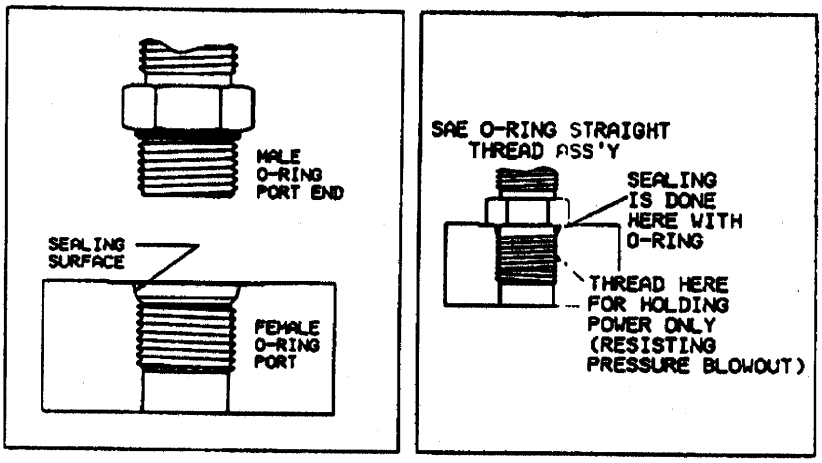
Inspection of the removed plug or fitting will identify which version the technician is servicing. An illustration of the two different tapped holes and corresponding plugs is shown in Figure 1.

The various size plugs are a standard hydraulic hardware item and are also available through Allison Parts Distribution system under the part number shown in Table 1.

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20-TR-96
April, 1996
Product Code(s):

SAE Straight Thread O-ring Port



National Pipe Thread Ports

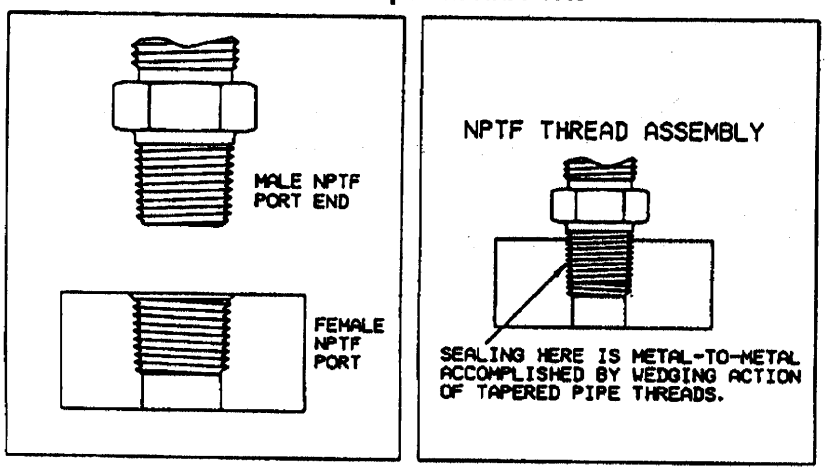
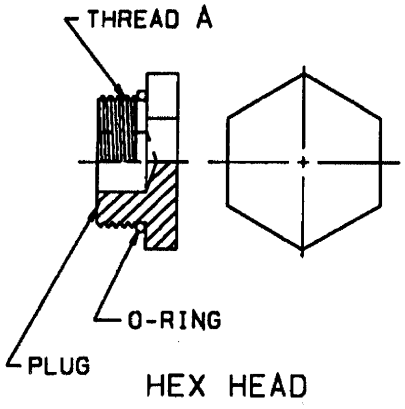


Figure 1

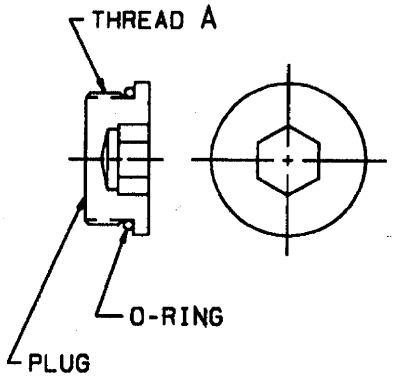
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Table 1

Part Number	Nominal Tube O.D.	A Thread Size	Plug Material	Head Style	O-ring SAE Dash No.	O-ring Material	Parker Part No. or Equivalent
29525044	3/16	3/8-24	Steel	Hex Head	-903	Viton	3P5ON-S Viton
29525046	5/16	1/2-20	Steel	Hex Head	-905	Viton	5P5ON-S Viton
29525047	3/8	9/16-18	Steel	Hex Head	-906	Viton	6P5ON-S Viton
29525048	1/2	3/4-16	Steel	Hex Head	-908	Viton	8P5ON-S Viton
29525049	3/4	1 1/16-12	Steel	Hex Head	-912	Viton	12P5ON-S Viton
29525050	7/8	1 3/16-12	Steel	Hex Head	-914	Viton	14P5ON-S Viton
29525051	1 1/4	1 5/8-12	Steel	Hollow Hex	-920	Viton	20HP5ON-S Viton
29527376	3/16	3/8-24	Steel	Hollow Hex	-903	Viton	3HP5ON-S Viton
29527480	3/4	1 1/16-12	Steel	Hollow Hex	-912	Viton	12HP5ON-S Viton
29528949	5/16	1/2-20	Steel	Hollow Hex	-905	Viton	5HP5ON-S Viton



HEX HEAD



HOLLOW HEX HEAD

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This SIL is being revised to correct P/N 23047972. The P/N is changed to 23047992. Please destroy your copy of SIL 22-TR-96 and replace it with this corrected SIL.

22-TR-96, Rev A
February, 1997
Product Code(s):

SUBJECT: CL(B)T 5/6000 PTO Gear Train

EQUIPMENT AFFECTED: CL(B)T 5/6000

This SIL is to announce that, effective with the release of the M and S 6600 Series transmissions, different bearings are being used for production 5/6000 transmissions.

The new bearings are used at both the PTO idler gear and oil pump drive gear positions. The idler bearing changes from a ball bearing to a roller bearing. The drive gear bearings change from conrad style ball bearings to loading groove notch style ball bearings.

The inner race of the roller bearing is a two piece construction and the flat washer should be installed against the converter housing.

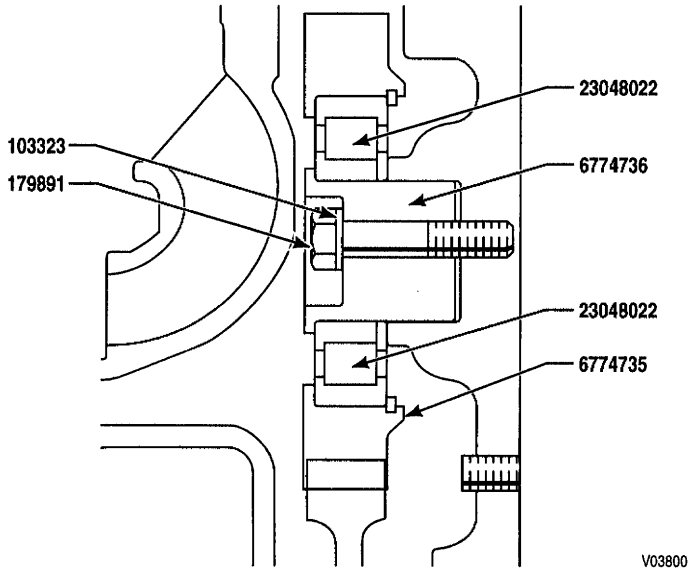
Current	Former	Location
23048022	23041450	Idler Gear
23047992	23047970	Drive Gear

Parts Disposition:

- P/N 23041450 is completely cancelled and replaced by 23048022.
- P/N 23047970 is maintained for service of other models. It will be necessary to order 23047992 to incorporate this improvement in 5/6000 transmission rebuilds.

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22-TR-96, Rev A
February, 1997
Product Code(s):



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23-TR-96, Rev A
August, 1996
Product Code(s):

SUBJECT: SIL Transmission Performance Enhancement

EQUIPMENT AFFECTED: 5963/6063

PRODUCTION AVAILABILITY: June 1, 1996

As a result of customer input and on-site evaluation at various application specific locations, a controls calibration package that provides enhanced transmission performance will go into production June 1, 1996. The controls package provides:

- Improved Transmission Shift Quality
- Improved Transmission Durability
- Fewer Transmission Shifts

Because there are a number of features, both in the PROM and in the valve body calibration, that were modified to address specific preferences at various unique job sites, operators may or may not notice incorporation of the enhanced calibration. However, the overall performance of the transmission will be positively impacted.

The parts required to affect the valve body recalibration are contained in kit, P/N 29529432. To satisfy the different specific application requirements, one of three PROMs was required:

PROM 29529029 — Vehicles with output retardation (wet disc brake on drive axle) 2100 rpm engine governed speed.

PROM 29529031 — Vehicles with input retardation (transmission input retarder or engine compression brake), 2100 rpm engine governed speed.

PROM 29529033 — Vehicles with input retardation (transmission input retarder or engine compression brake), 1900 rpm engine governed speed.

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Interchangeability:

WARNING: The functional difference between the output retardation PROM and the input retardation PROM is the hold upshift feature. On input retarder vehicles, a substantial decrease in vehicle braking effort can occur if the transmission shifts to a higher gear range, therefore the transmission will not shift from a preselected range to a higher range; i.e., infinite hold. On output retarder vehicles, the transmission gear range has very little effect on vehicle braking effort, and so the transmission is allowed to upshift from a preselected range to a higher range at engine speeds above no load governed speed.

CAUTION: When installing the input retardation PROMs, it will now be required that Wire #211 (Retarder Enable) be connected to the vehicle retardation control system. This provides a signal to the transmission that an input retardation device is activated and will cause the transmission to utilize full trim boost pressure in the event of a transmission downshift. Failure to connect Wire #211 may adversely affect the durability of the transmission clutches.

NOTE: Because the PROMs vary with application, it will be necessary to select the appropriate PROM for the application and order a PROM in addition to the valve body kit.

Table 1

P/N	Description	Quantity
6880186	Trim Boost Regulator	1
6885047	Outer Trimmer Spring	2
23013909	Inner Trimmer Spring	2
6885166	Inner Trimmer Spring	3
29521871	Trimmer Stop	5
29528650	Separator Plate LTR	1
29528651	Gasket, Separator Plate to Valve Body	1
29528652	Gasket, Separator Plate to Transfer Plate	1
29527105	Trimmer Cover	1
29513458	Gasket, Trimmer Cover	1
29523167	Oil Transfer Plate	1
6777974	Gasket, Oil Transfer Plate	1
29513464	Gasket, Solenoid Cover	1
6779833	Gasket, Solenoid Cover	1
6880178	Gasket, Solenoid Mount	1

Table 1 lists the parts contained in the valve body recalibration kit. Install the parts in accordance with standard procedures outlined in 5/6000 Series Service Manual, SA1866.

Connect Wire #211 on input retardation equipped vehicles in accordance with standard procedures outlined in Electronic Control Troubleshooting Manual, SA2712. A complete listing of the available options in each PROM may be obtained by utilizing the ECIS Program described in detail in SA2712.

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Table 2. Trimmer CL(B)T 5963/6063 Spring Reference 6/96		
Trim Boost Regulator	6880186	(18-29 psi)
C1 Splitter Low (C1)		
Outer	6885047	
Inner	23013909	
Stop	29521871	
Trimmer Valve	29513453	(.047)
C2 Splitter High (C2)		
Outer	6885047	
Inner	23013909	
Stop	29521871	
Trimmer Valve	29513453	(.047)
C4 Intermediate (C4)		
Outer	29513457	
Inner	6885166	
Stop	29521871	
Trimmer Valve	29513453	(.047)
C5 Low (C5)		
Outer	29513457	
Inner	6885166	
Stop	29521871	
Trimmer Valve	29513454	(.052)
C6 Reverse (C5)		
Outer	29513457	
Inner	6885166	
Stop	29521871	
Trimmer Valve	29513454	(.052)

P/N	Color	No. Coils	Wire Dia.	O.D.	Free HT	HT – Load
6880186	Yellow/Blue	12	.041	.464	1.37	.89–2.56
6885047	Green	10	.098	.940	2.57	1.10–41.7
23013909	Green	11	.072	.690	1.80	1.10–12.7
29513457		9.8	.080	.940	2.10	1.10–11.8
6885166	Orange/White	9.5	.092	.690	1.69	1.10–36.2

Service Parts Information:

The former part numbers are completely cancelled and are serviced with the current part numbers. For optimum performance enhancement, they should be incorporated all together as a package.

Identification:

After installation of control valve kit, stamp this SIL number on transmission data tag.

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24-TR-96, Rev A
April, 1997
Product Code(s):

SUBJECT: M 6600 Retrofits

EQUIPMENT AFFECTED: M 6600 / CL(B)T 5/6000

With the availability of the M 6600 it is anticipated that some customers will want to retrofit specific M 6600 features into existing CL(B)T 5/6000 transmissions. This SIL is being published to itemize the major differences between the M 6600 and CL(B)T 5/6000s.

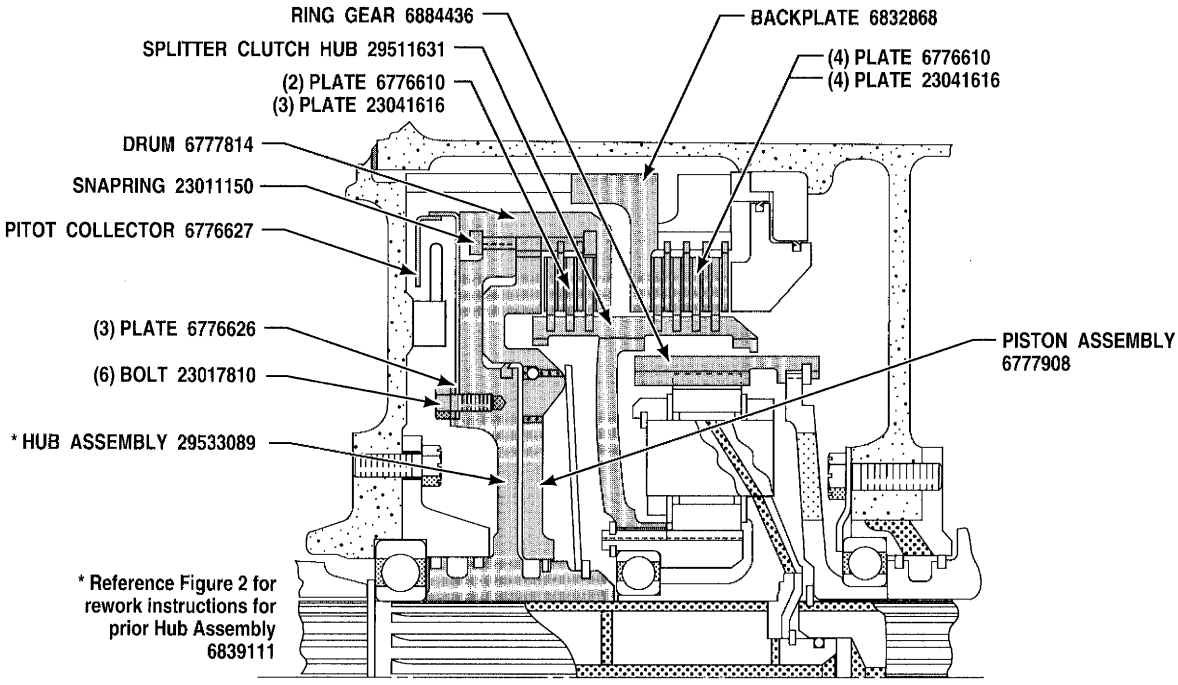
- Increased Capacity PTO Bearings
  Reference SIL 22-TR-96.
- Shift Enhancement
  Reference SIL 23-TR-96.
- Increased Capacity Sump
  Pan Assembly 29525029.
- Increased Capacity Low Range Clutch

	Add	**Delete**
Friction Plate	(5) 23041616	(4) 23041616
Reaction Plate	(5) 6776610	(4) 6769326

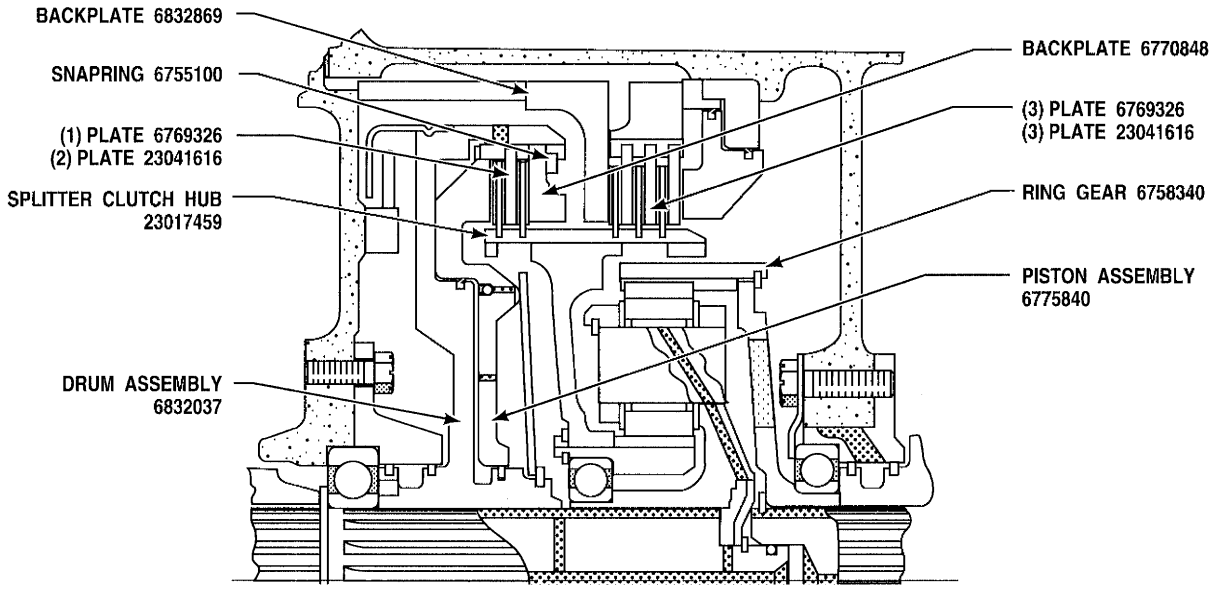
- Increased Capacity Splitter Clutches
  Reference Figure 1.

Refer to M 6600/CL(B)T 5/6000 Service Manual, SA1866, for detailed assembly and disassembly procedures.

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M 6600



CL(B)T 6063

V03209.01

Figure 1

SIL

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24-TR-96, Rev A
April, 1997
Product Code(s):
Page 3 of 3

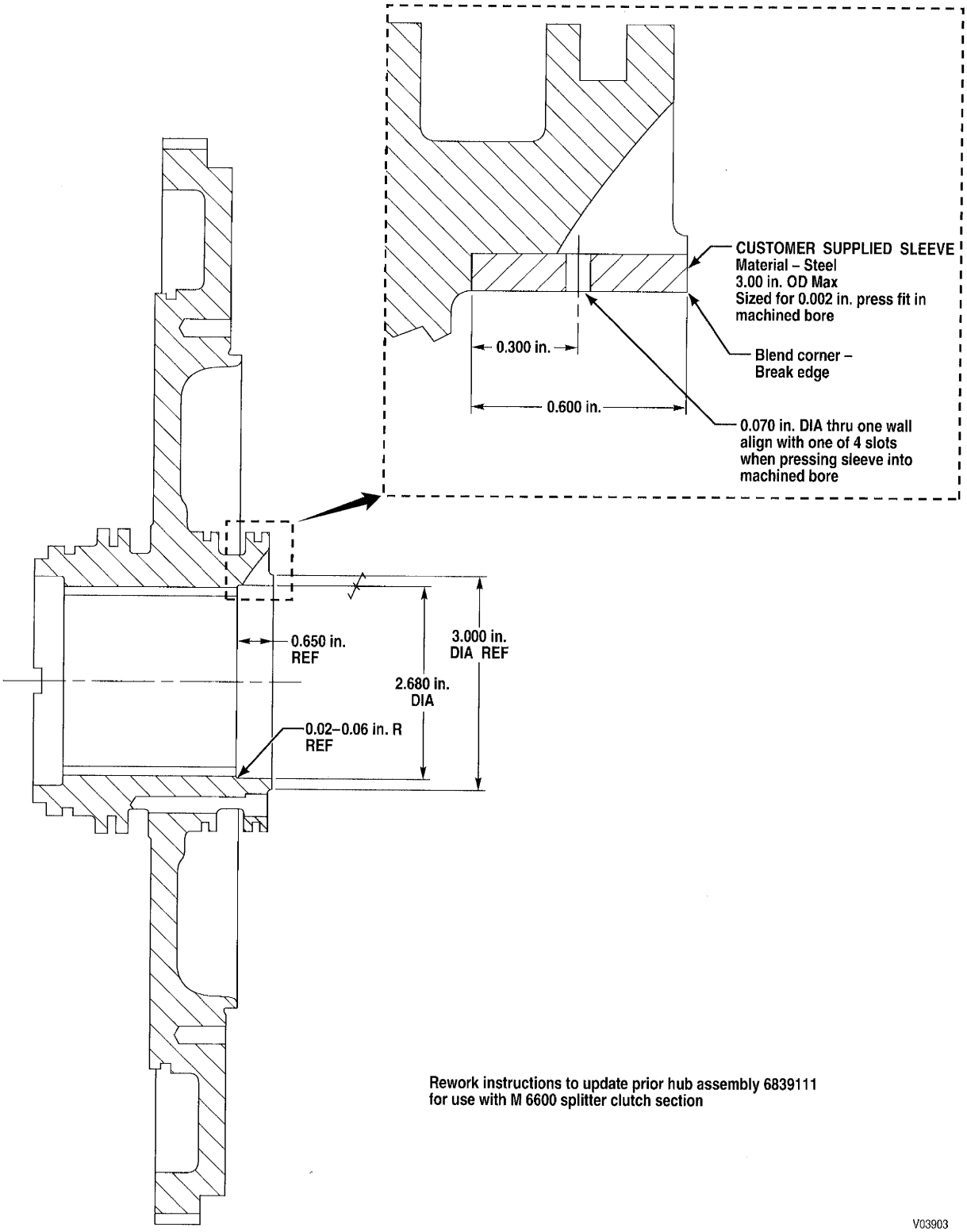


Figure 2

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5-TR-97
February, 1997
Product Code(s):
Page 1 of 1

SUBJECT: Off-Highway Splitter Drum Assembly Part Number Supersessions

EQUIPMENT AFFECTED: M/S 6600, DP 8000

Initially both the 6600 and the 8000 used the same splitter drum assembly P/N 6839111. As a result of separate clutch lube enhancements to both transmission models, they now have new non-interchangeable splitter clutch drum assemblies.

DP 8000 (Reference SIL 31-TR-93)

Former 6839111 Current 29524784

M/S 6600 (Reference SIL 24-TR-96)

Former 6839111 Current 29533089

Parts Disposition:

P/N 6839111 is hereby completely cancelled for service.

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13-TR-99
August, 1999
Page 1 of 1

SUBJECT: Lockup Piston Product Improvement

EQUIPMENT AFFECTED: 5/6000 Series Transmissions

EFFECTIVITY: May 22, 1999 S/N 3110103432

As a product improvement, a new design Number 3 Configuration (SPI 9-TR-91) lockup clutch piston has been released. The two 3/8-16 tapped holes located in the inner hub, which are used for assembly and disassembly of the piston into the flywheel, have been replaced by two 1/4-20 tapped holes located toward the outside diameter of the piston. Relocation of the tapped holes lowers the stress at the inside diameter of the piston resulting in improved service life.

Parts Disposition:

The current part number 29537277 is fully interchangeable with the former part number 23016057. Former part number 23016057 is completely cancelled and replaced by 29537277 for production and service requirements.

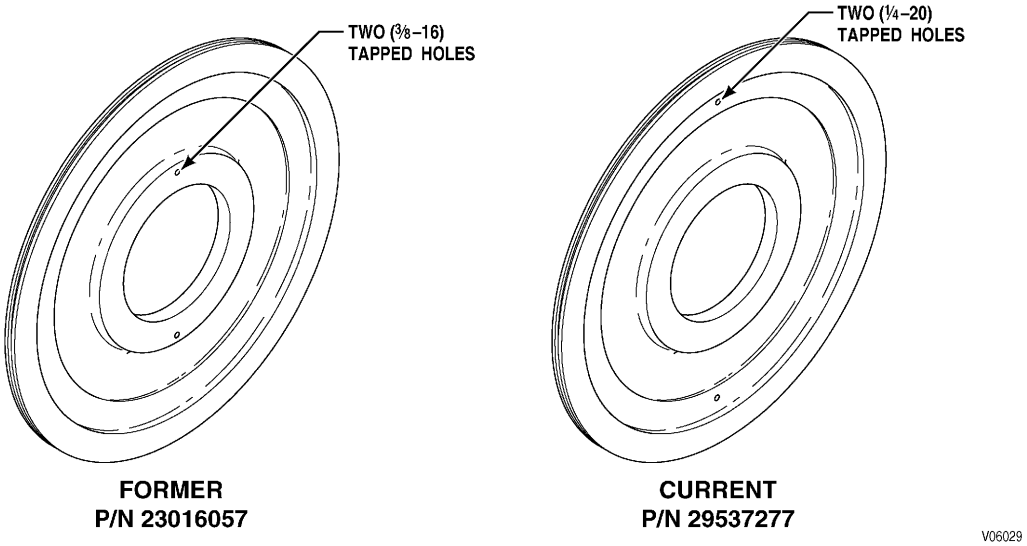


Figure 1.

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3-TR-01
March, 2001
Page 1 of 1

SUBJECT: Splitter Planetary Spindle

MODELS AFFECTED: 5/6/8000 Series Transmissions

This SIL is to clarify serviceability of the splitter planetary spindles.

Formerly, the spindles used in this location were service-only spindles that were common with the CRT 5000 Series transmission. The service-only spindle had a lube feed hole from both the front of the spindle and from the rear of the spindle. The CRT utilized the front lube feed hole and the Hauling 5/6/8000 utilized the rear lube feed hole.

With the cessation of CRT parts availability from Allison, the service-only spindle has been obsoleted. Current service requirements for the Hauling 5/6/8000 Series transmissions are to be met using the production spindle which has only the rear lube feed hole.

Former Service-Only Spindle	Current Production Spindle
6758581	6839418

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26-TR-01
November, 2001
Product Code(s):

SUBJECT: 5/6000 Series Shift Quality Improvement

MODELS AFFECTED: 5963, 6063, M 5600, M 6600, M 5610, and M 6610

EFFECTIVE DATE: NOVEMBER 2001

Introduction:

In a continuing effort to provide improved shift quality in the Off-Highway Transmission Products, a new valve body assembly has been released for the affected model transmissions.

The change includes:

- Thicker trimmer cover with deeper trim boost oil galley
- Hollow trimmer spring stops
- Larger diameter trim boost feed holes in bottom of valve body

This change provides for less restriction of the trim boost oil during transmission range changes when trim boost oil must flow from one trimmer bore to another trimmer bore or to exhaust.

Interchangeability:

The current cover may be installed on older trim boost equipped valve bodies but the **longer bolts** released for the thicker trimmer cover **must be used**.

The new gasket **must** be used to mate with the **larger diameter trim boost oil feed holes** in the bottom of the valve body. The appropriate hollow trimmer spring stops should be installed to achieve the full benefit of the improvement.

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A Trimmer Cover Upgrade Kit, P/N29539555, is available to facilitate upgrading fielded transmissions. The kit contents are listed below for reference:

Trimmer Cover Upgrade Kit P/N 29539555

Name	Current P/N	Qty	Former P/N	Qty
Trimmer Cover	29538538	1	29527105	1
Gasket	29540469	1	29530896	1
O-Ring	23042785	1	23042785	1
Bolt, ¼-20 x 1¾	445567	3	454815	3
Bolt, ¼-20 x 1¼	186601	12	186647	12
Valve stop – hollow	29541002	3	23013432	3
Valve stop – hollow	29540468	5	29521871	5
Valve body	Rework according to Figure 1.			

Service Parts:

The former trimmer cover and spring stops are completely cancelled for service usage, future service requirements will be met with the current trimmer cover and spring stops.

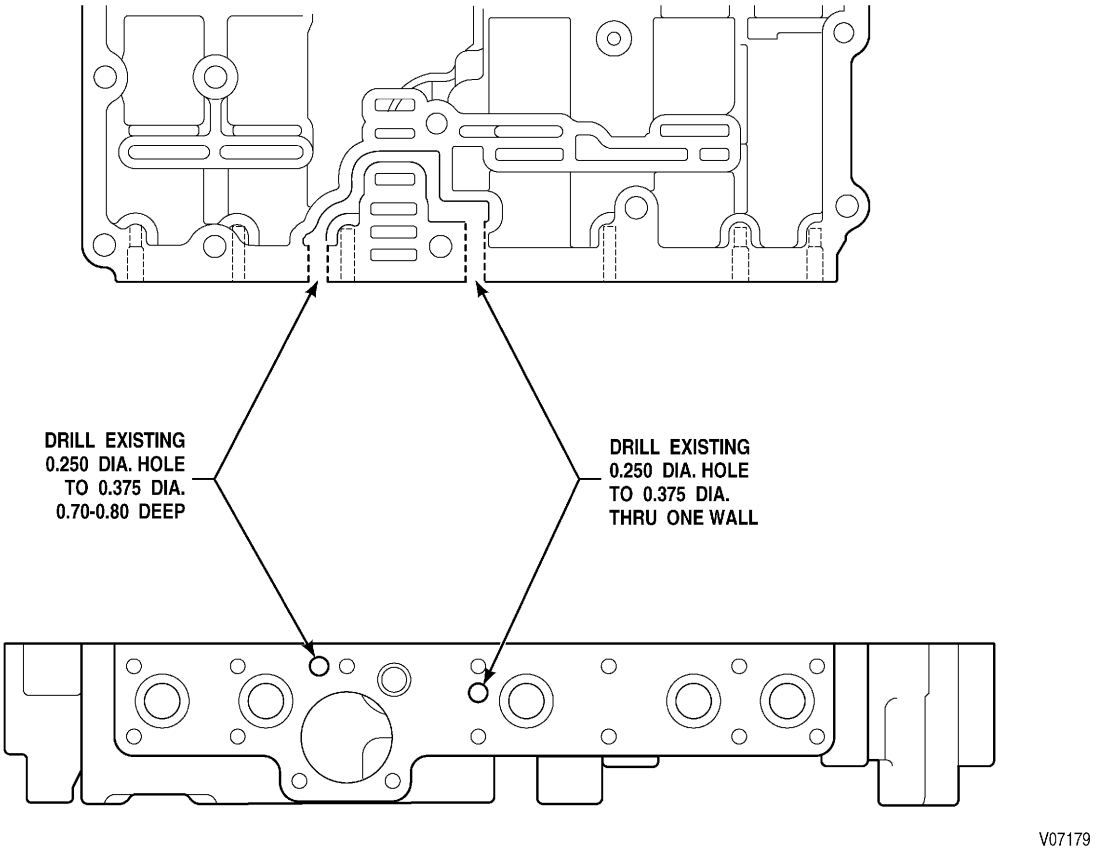


Figure 1.

SIL

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1-TR-02
February, 2002
Product Code(s):

SUBJECT: Power Takeoff Bearing Update

MODELS AFFECTED: All 5/6000 Series

AFFECTED SERIAL NUMBER: Production Units after S/N 3110104821

Introduction

As a product improvement, the top and side PTO bearings have been changed from P/N 23048022 to P/N 29539004. While the current and former bearings are both a roller type bearing, the roller configuration is different.

Interchangeability

The former and current bearings are physically interchangeable. **Only the current bearing should be used in rebuilds/repairs**.

Service Parts Information:

Former bearing 23048022 will be maintained in parts for other product usage. Only current bearing 29539004 should be used for 5/6000 models identified above.

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7-TR-02
March, 2002
Product Code(s): All
Page 1 of 1

SUBJECT: Thrust Washers

MODELS AFFECTED: All 5/6000 Series

AFFECTED SERIAL NUMBERS: Production Units after S/N 3110104704

Introduction

As a product improvement, the thrust washers for the stator, reverse sun and low carrier have been changed from Bronze to a Thermoplastic material. All washers were production released with S/N 3110104704.

Interchangeability

The former and current washers are physically interchangeable. **Only the current washers should be used in rebuilds / repairs. Former parts are completely cancelled from Production and Service Parts.** See below table for implementation:

Current	Former	Location	S/N	Prod. Date
29537235	6758485	STATOR	3110104704	Sept. 2001
29537234	6775699	REVERSE SUN	3110104704	Sept. 2001
29538548	6758505	LOW CARRIER	3110104704	Sept. 2001

Service Parts Information:

Former parts are completely cancelled from Production and Service Parts. Only current washers should be used for 5/6000 models identified above.

SIL

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22-TR-04
July, 2004
Product Code(s): 31, 43

SUBJECT: Retarder Control Valve Body and Cooler Line Manifold Changes

EQUIPMENT AFFECTED: 5000, 6000, 8000, 9000 Series Transmissions

Introduction:

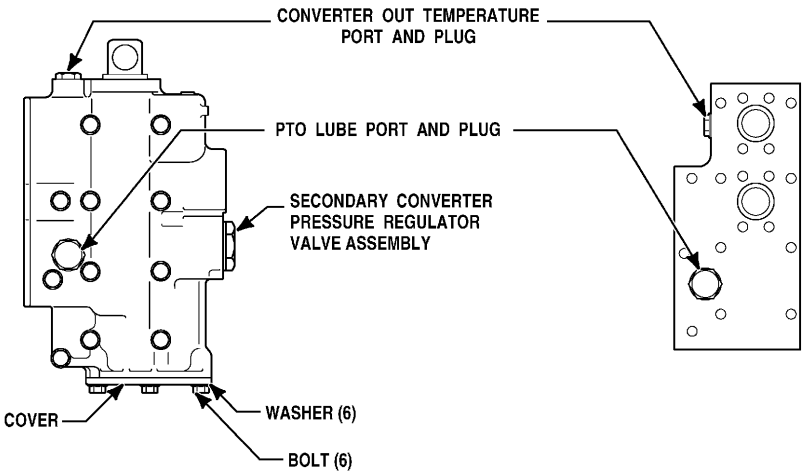
Multiple changes recently made to the off highway retarder control valve body assembly and cooler line manifold assembly are explained in this SIL.

Description:

Refer to Figures 1 and 2 for the following items.

1. To eliminate leaks on the 5/6000 and 8/9000 retarder control valve body assembly covers, new spot-faced covers and copper washers are being introduced.
2. The temperature gage port on the 8/9000 Series retarder control valve body has changed from a 0.750-16 UN-2B straight thread to a 0.500-14 Dryseal NPTF pipe thread. This port has also been added to the 8/9000 Series cooler manifold. This same change will be made to the 5/6000 retarder control valve body in the future.
3. The PTO lube pressure port on the 8/9000 Series retarder control valve body remains a 0.5625-18 UNF-2B straight thread. This port has also been added to the 8/9000 cooler manifold.
4. The straight thread O-ring plug (29525048) currently used on 5/6000 retarder control valve assemblies and formerly used on the 8/9000 retarder control valve assemblies has been replaced and is serviceable using 29542780 straight thread O-ring plug.
5. The 9000 Series retarder capacity of new production units has been reduced by changing the secondary converter pressure regulator plug assembly 23016676 (45 psi, double spring) to plug assembly 6835820 (35 psi, single spring). The 23016676 plug assembly is still serviceable.

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RETARDER CONTROL VALVE ASSEMBLY
(P/N 29543250)

COOLER MANIFOLD ASSEMBLY
(P/N 29541757)

8/9000 SERIES OFF-HIGHWAY TRANSMISSIONS V08847.00.00

Figure 1.

8/9000 Retarder Control Valve Assembly

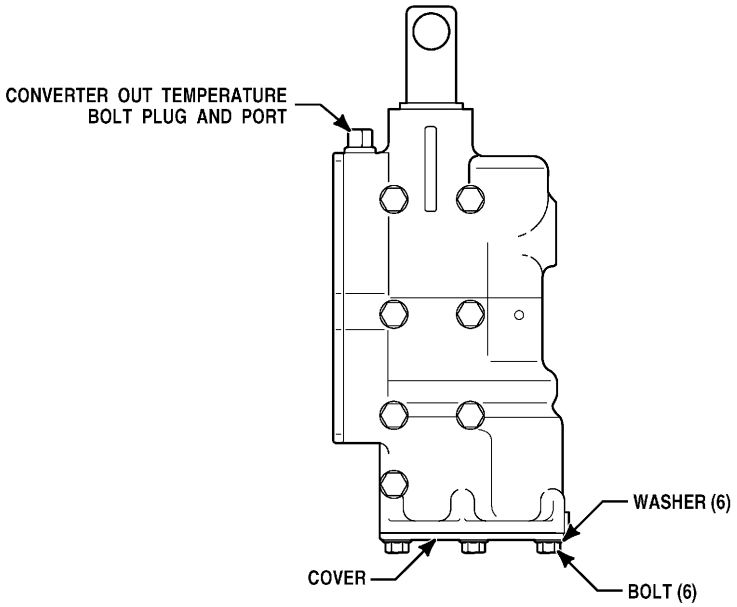
	Retarder Control Valve Assy	Conv. Out Temp. Port	Plug	PTO Lube Pressure Port	Plug	Conv. Rgltr. Valve	Cover	Bolt	Washer
pre 1996	23013978	0.500-14 Dryseal NPTF pipe	23017380	0.375-18 Dryseal NPTF pipe	23014600	6835820 (35 psi)	6776208	23016149	n/a
	23016678	0.500-14 Dryseal NPTF pipe	23017380	0.375-18 Dryseal NPTF pipe	23014600	23016676 (45 psi)	6776208	23016149	n/a
1996–2002	29528541	0.750-16 UNF-2B straight	29525048	0.5625-18 UNF-2B straight	29525047	6835820 (35 psi)	6776208	23016149	n/a
	29528542	0.750-16 UNF-2B straight	29525048	0.5625-18 UNF-2B straight	29525047	23016676 (45 psi)	6776208	23016149	n/a
2002–2004	29541754	0.500-14 Dryseal NPTF pipe	23017380	0.5625-18 UNF-2B straight	29525047	6835820 (35 psi)	6776208	23016149	n/a
	29541755	0.500-14 Dryseal NPTF pipe	23017380	0.5625-18 UNF-2B straight	29525047	23016676 (45 psi)	6776208	23016149	n/a
2004–	29543250	0.500-14 Dryseal NPTF pipe	23017380	0.5625-18 UNF-2B straight	29525047	6835820 (35 psi)	29543249	179839	9415545

8/9000 Cooler Manifold Assembly

	Cooler Manifold Assy	Conv. Out Temp. Port	Plug	PTO Lube Pressure Port	Plug	Conv. Rgltr. Valve	Cover	Bolt	Washer
1996–2003	29525008	n/a	n/a	n/a	n/a	--------	--------	--------	--------
2003–	29541757	0.500-14 Dryseal NPTF pipe	23017380	0.5625-18 UNF-2B straight	29525047	--------	--------	--------	--------

SIL

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5/6000 RETARDER CONTROL VALVE ASSEMBLY
(P/N 29543252)

V08847.00.00

Figure 2.

5/6000 Retarder Control Valve Assembly

	Retarder Control Valve Assy	Conv. Out Temp. Port	Plug	Cover	Bolt	Washer
pre 1996	6880441	0.500-14 Dryseal NPTF pipe	23012037	6758375	179839	103321
1996–2004	29525031	0.750-16 UNF-2B straight	29525048	6758375	179839	103321
2004–2005	29543252	0.750-16 UNF-2B straight	29542780	29543251	179839	9415545
2005–	TBD	0.500-14 Dryseal NPTF pipe	23017380	29543251	179839	9415545

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8-TR-06
February, 2006
Product Code(s):

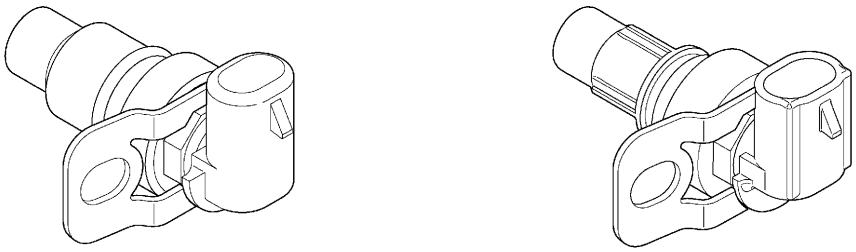
SUBJECT: Redesigned Speed Sensors (Off-Highway Models)

PRODUCTS AFFECTED: 5000, 6000, 8000, 9000 Series Transmissions

Introduction:

In February, 2006, Allison Transmission began using redesigned speed sensors on all 5000, 6000, 8000, 9000 Series transmissions. The current and former sensors are fully interchangeable.

Description (see Figure 1):



(P/N 29509637)

FORMER
(BEFORE FEBRUARY, 2006)

(P/N 29543432)

CURRENT
(FEBRUARY, 2006)

5000, 6000, 8000, 9000 SERIES ENGINE, TURBINE, AND OUTPUT SPEED SENSOR

V10002.00.00

Figure 1.

SIL

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The current sensor design improves manufacturability by using a pre-molded housing. The pre-molded housings have ribs located every 90 degrees around the circumference.

The sensor assemblies include a Viton® O-ring with blue Teflon® coating (P/N 29545029). This O-ring is not serviced. The serviceable O-ring continues to be P/N 29503383.

Part Number Information:

Table 1.

Description	Former P/N	Current P/N
Engine Speed Sensor	29509637	29543432
Turbine Speed Sensor	29509637	29543432
Output Speed Sensor	29509637	29543432

Service Information:

When performing any resistance checks for troubleshooting, the new sensors will have a nominal coil resistance value of 340 Ohms (+/- 25 Ohms) at an ambient temperature of 20ºC (68ºF) as compared to the former sensors which had a nominal resistance value of 300 Ohms (see Table 2).

Table 2.

Resistance Current Design	Resistance Former Design	Temp ºC	Temp ºF
250 Ω	200 Ω	–40	–40
340 Ω	300 Ω	20	68
450 Ω	400 Ω	110	230

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9-TR-08
June, 2008
Product Code(s): 31, 43

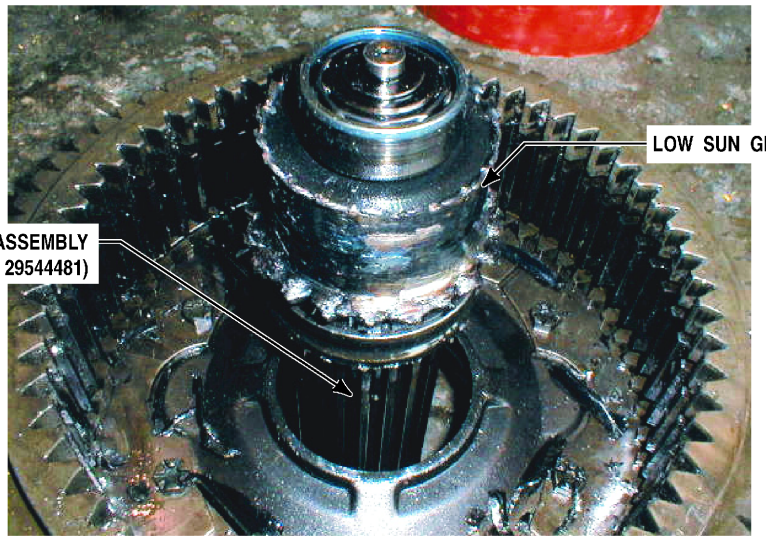
SUBJECT: Converter Ground Sleeve—Omitted Lube Orifice

MODELS AFFECTED: 5000 and 6000 Series Transmissions

Introduction:

The purpose of this SIL is to help with the diagnosis of a potential low hour, low range sun gear failure resulting from the converter ground sleeve.

In the event of a low hour, low range sun gear failure (as shown), the converter ground sleeve should be checked for the presence of a lube orifice. The transmission lube pressure tap and lube regulator valve are located upstream of the ground sleeve orifice. Lube pressure meets specification with the orifice omitted.

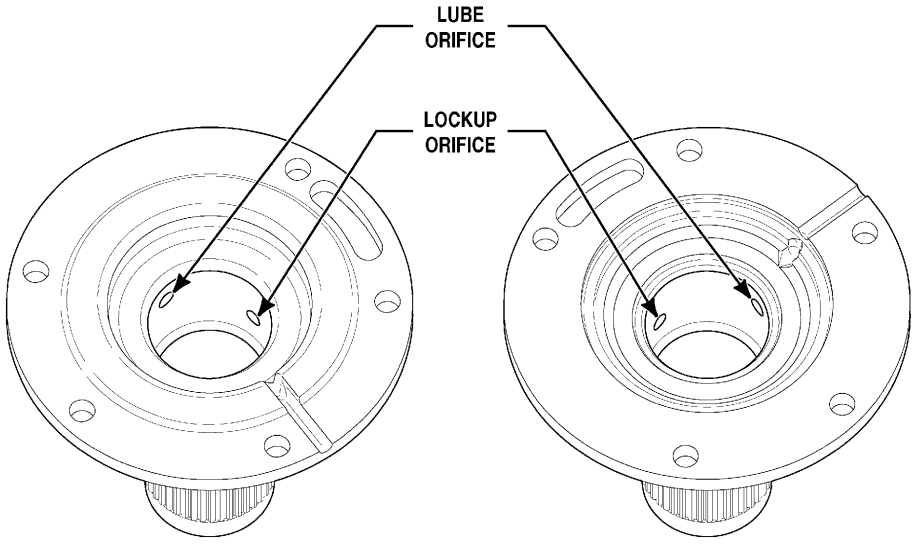


VH11095.00.00

SIL

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9-TR-08
June, 2008
Product Code(s): 31, 43



GROUND SLEEVE
(P/N 6775834)

GROUND SLEEVE
(P/N 23048636, 29501206, 6774712)

V11096.00.00

Any ground sleeve found with a missing lube orifice should be replaced. Please contact the Off-Highway Service Department through the Technical Assistance Center 1-800-252-5283 to report the incident.

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07-TR-09
April, 2009
Product Code(s): 31
Page 1 of 1

SUBJECT: Input Drive Cover Improvements

MODELS AFFECTED: 5000, 6000 Series

Introduction:

An improved input drive cover has been released for remote mount installations. The changes include revised machining to reduce stress risers and a revised heat treat process. These changes improve service life specifically at the inner hub and outer rim areas.

Interchangeability:

Interchangeability of the new input drive cover does not affect assemblies using the No. 3 lockup configuration. Interchangeability affects those assemblies using the No. 1, No. 2, and No. 2 ½ lockup configurations. Refer to SIL 9-TR-91 for the various lockup configurations. See Table 1 for part number information.

Effectivity:

The new input drive cover, lockup pistons, and seal & expander kits are currently available through the Allison PDC and were released into production 12-23-08 with serial number 3110113257.

Table 1.

Part	Current	Former
Input Drive Cover Assembly Input Drive Cover	29544497 29544496	29519116* 23045944*
No. 1 and No. 2 Piston OD Seal Kit OD Seal OD Expander Wire	29544498 29544570 29544529 29544530	6774130* – 6752848 –
No. 2 ½ Piston OD Seal Kit OD Seal OD Expander Wire	29544499 29544570 29544529 29544530	23048574* – 6752848 –
No. 3 Piston	29537277	29537277

* cancelled completely

NOTE: Current lockup piston and seal & expander combinations are all compatible with former input drive covers.

SIL

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SIL 01-TR-10
January, 2010
Product Code(s): 31

SUBJECT: Input Pressure Hose Connecting Block

MODELS AFFECTED: 5000, 6000 Series

Introduction:

An interference condition can exist between the flange and/or boss on the input pressure hose connecting block and the converter housing. Such interference could compromise the crush of Seal Ring P/N 6830007 and cause a leak. A permanent change was made to the block to eliminate both the flange and boss (flush with split line surface). An interim configuration had a flange, but no boss.

Interchangeability:

The new block must be used with 0.25 inch longer bolts (refer to Figure 2). To ensure that the correct bolts are used, service Block P/N 6837129 with Kit P/N 29544234 (refer to Table 1). Furthermore, Input Pressure Hose Service Kit P/N 6838413 has been superseded by Kit P/N 29544228 (refer to Table 2).

Effectivity:

All parts are available through the Allison PDC beginning January 2010. Effectivity on new transmissions to follow.

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SIL 01-TR-10
January, 2010
Product Code(s): 31
Page 2 of 3

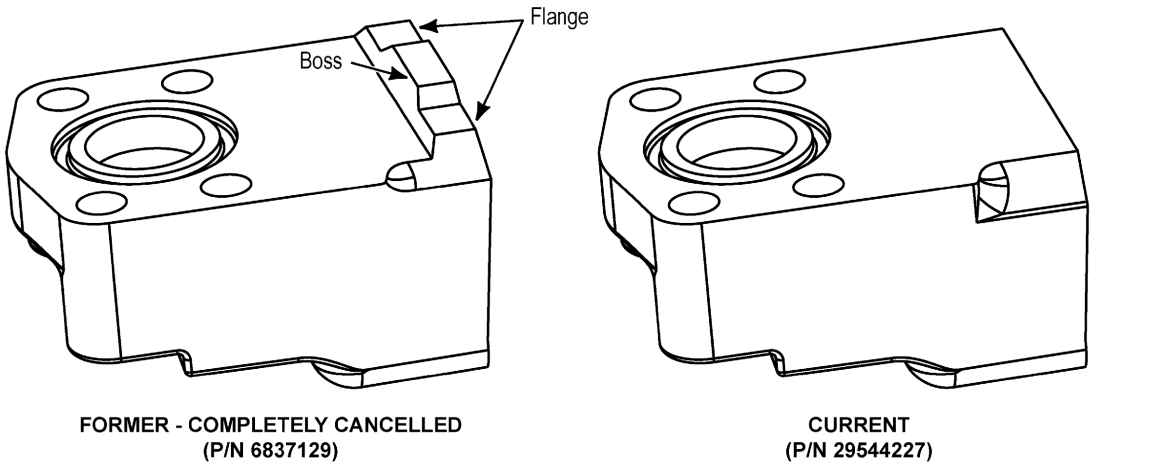


Figure 1.

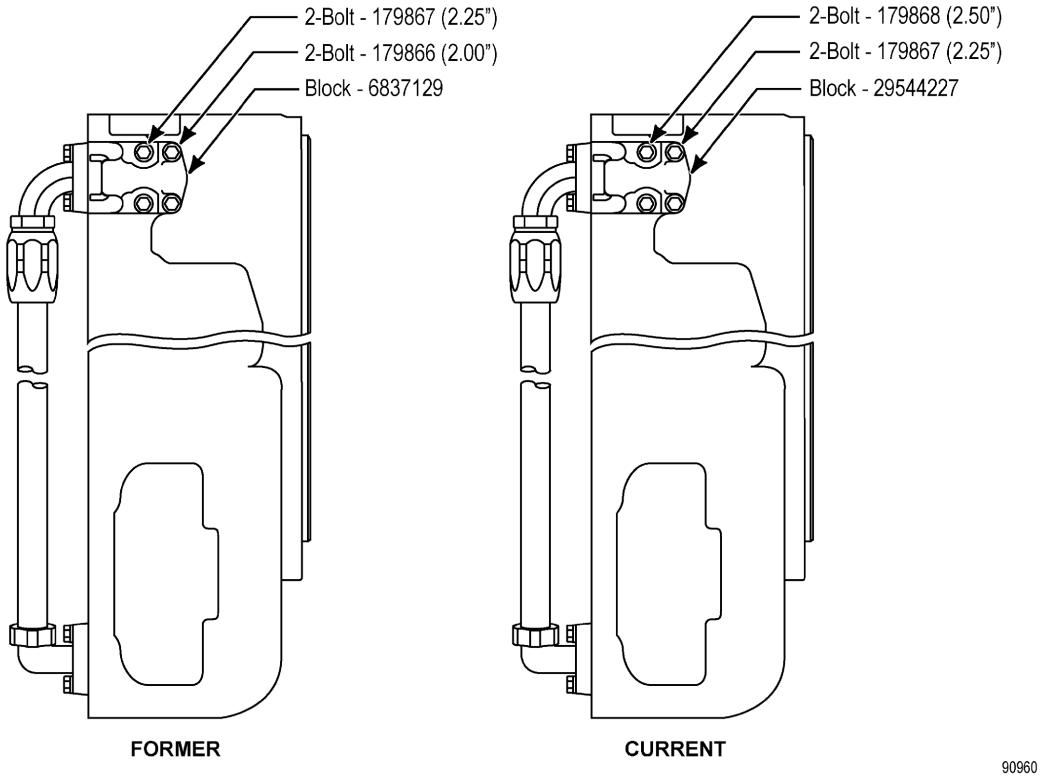


Figure 2.

SIL

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Table 1. Block Servicing Kit P/N 29544234

Part No.	Part Name	Qty
29544227	Block, Hose Conn.	1
6830007	Ring, Seal	1
103322	Washer, $^{7}/_{16}$ Lock	4
179868	Bolt, $^{7}/_{16}$-14 x $2^{1}/_{2}$	2
179867	Bolt, $^{7}/_{16}$-14 x $2^{1}/_{4}$	2

Table 2. Input Pressure Hose Servicing Kit P/N 29544228 (Supersedes P/N 6838413)

Part No.	Part Name	Qty
23046148	Hose Assy, Input Press.	1
29544227	Block, Hose Connection	1
6830007	Ring, Seal	1
103322	Washer, $^{7}/_{16}$ Lock	4
179868	Bolt, $^{7}/_{16}$-14 x $2^{1}/_{2}$	2
179867	Bolt, $^{7}/_{16}$-14 x $2^{1}/_{4}$	2
29501462	Split Flange Assy	2

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Revisions to this document are noted by a stripe in the left-hand margin

SIL 18-TR-10, Rev. A
September, 2010
Page 1 of 3

SUBJECT: CEC1 ECU Ongoing Serviceability

MODELS AFFECTED: MT600, HT/CLT700, V700, 5000, 6000, 8000 and 9000 Series with CEC1 Controls

Introduction:

Allison Transmission Inc. will no longer provide the Electronic Control Unit (ECU) for CEC1 controlled transmissions from the ATI Parts Distribution Centers. An alternate source has been identified for the ongoing service requirements. All future CEC1 ECU service needs are to be directed to Flight Systems Electronics Group. This change will also allow for the repair and return of a customer's existing controller when possible, therefore supplying a rebuildable core will improve a customer's turn-around time.

Serviceability:

ECU's that are suitable for repair must be 1987 software and newer.

They include the following service part numbers:

- P/N 1228283
- P/N 1228282
- P/N 16241550
- P/N 16172029

This information may be found on the service information data tag located as shown in Figure 1. These ECU's will service all previous ECU assemblies by updating the chassis and cab harness connectors and/or a PROM change. Refer to Figure 2 for a CEC1 ECU service history breakdown.

Calibrated PROM (Programmable Read Only Memory) and retainers will continue to be serviced by ATI at the present time.

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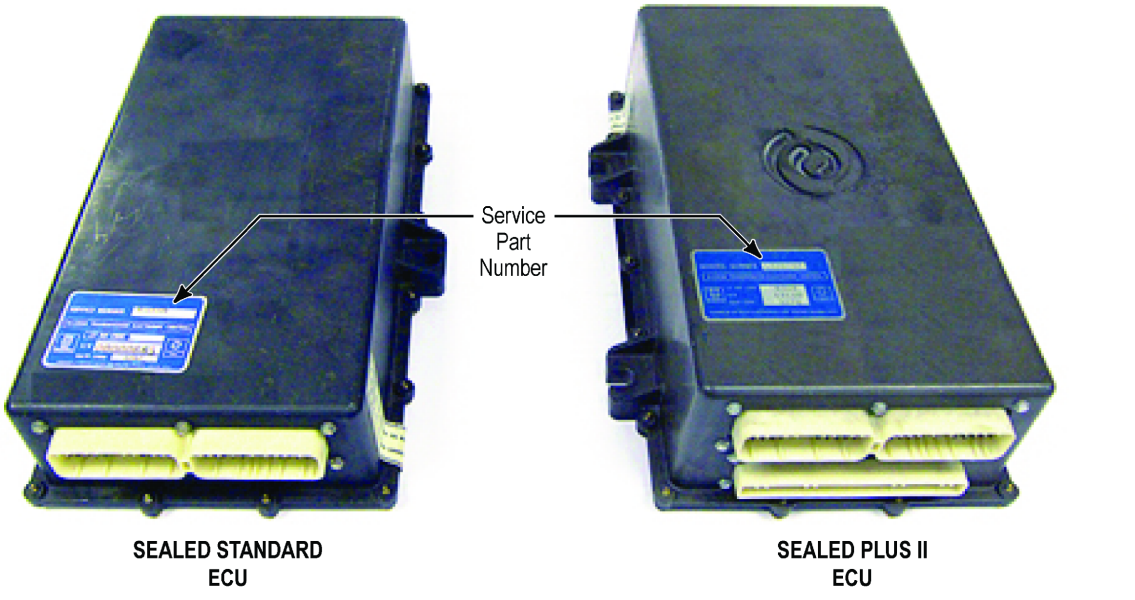


Figure 1. Service Information Data Tag

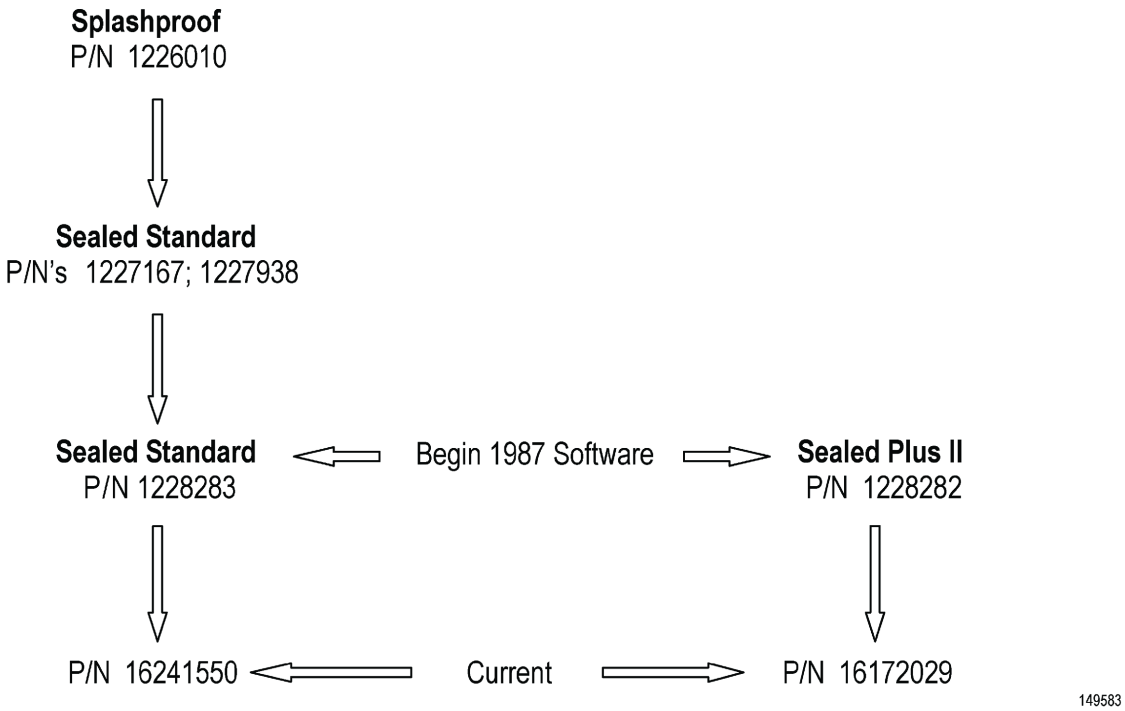


Figure 2. CEC1 ECU Service History Former to Current

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Future service inquiries should be directed to:

Flight Systems Electronics Group
505 Fishing Creek Road
Lewisberry, Pennsylvania USA 17339
(877) 231-4243
FAX: (717) 932-7001
customerservice@fseg.net

Service Parts Information:

All CEC1 ECU part numbers have been canceled from the ATI system. All inquires should be directed to Flight Systems Electronics Group. SAP will be updated to provide notice to contact Flight Systems Electronics Group should an order be incorrectly placed with Allison Transmission Inc.

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SIL 9-TR-11
May, 2011
Page 1 of 5

SUBJECT: Control Valve Body Gasket Changes

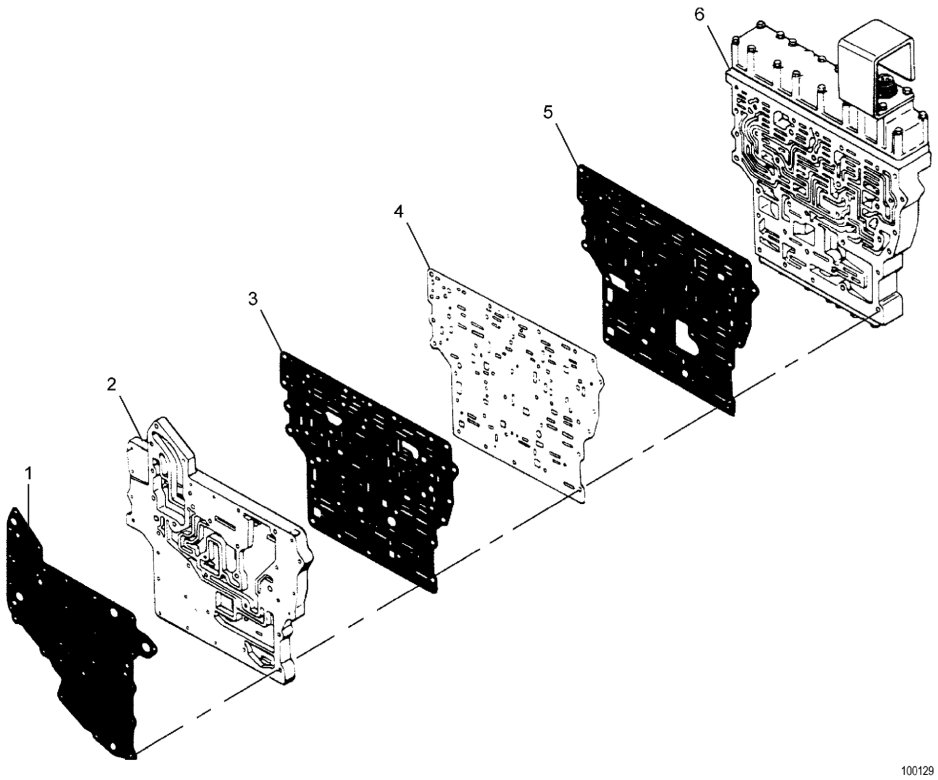
MODELS AFFECTED: All 5000 and 6000 Models, except Contoured Valve Body Castings

Introduction:

As a product improvement, effective May 2, 2011, the Control Valve Body Mounting Gaskets have been changed to provide increased resistance to fatigue. Figure 1 identifies the gaskets involved.

NOTE: The gasket change will require a change in bolt torque values. The new Control Valve Body bolt torque value is 38-42 lb-ft (52-57 Nm). The former value was 26-32 lb-ft (36-44 Nm). Service manuals will be updated to reflect the current value. It is recommended that a "center out" circular torque sequence be utilized.

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(1) – Gasket, Oil Transfer Plate
(2) – Oil Transfer Plate
(3) – Gasket, Separator Plate to Oil Transfer Plate
(4) – Separator Plate
(5) – Gasket, Separator Plate to Valve Body
(6) – Valve Body, Control

Figure 1. Control Valve Body Mounting Gaskets

The Oil Transfer Plate to Main Housing Gasket is a laminated design incorporating a metal core. The two separator plate gaskets incorporate a material change. The new gaskets are light green in appearance and have a material ID# HFL-971C. The former gaskets were gray in color and had a material ID# D7201-C AF.

SIL

Interchangeability:

See Table 1 for a breakdown of gasket usage with the various control system types. The former gaskets are still required for the contoured valve body castings (see Figure 2).

See Table 2 for gasket usage when using a contoured valve body casting. See SM1833EN for torque specifications. It is not recommended that the former and current gaskets be intermixed. There is no recommended torque value for intermixed parts. P/N 6839632, P/N 6839633, P/N 23048057 and P/N 23048058 separator plate gaskets are cancelled. P/N 6777974 is retained for 5000/6000 series use with contoured valve body castings (see Figure 2).

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Effectivity:

The new gaskets are currently available as detail parts and included in the various kits as described in Table 3. In addition, Kit P/N 29551732 (see Table 4) has been developed for use with current solid trim boost style valve bodies (see Figure 3). This kit has been developed for field fixes of external oil leaks originating at any one of the three Control Valve Body Mounting Gaskets. The new gaskets were introduced into production beginning with S/N 3110115271.

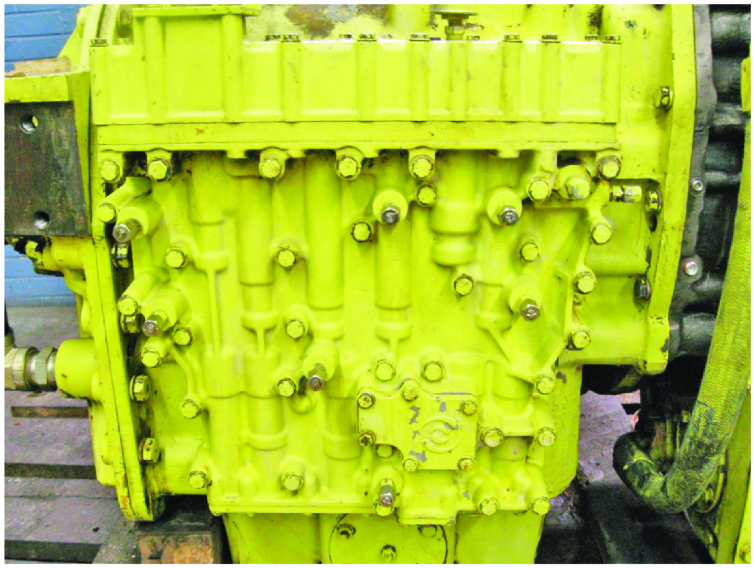
Table 1. Detail Gasket Change to Control System Type

Item	Description	Current P/N	Former P/N	Qty	Manual Hydraulic	Manual Electric/ SPG	CEC1*	CEC2*
1	Gasket, Housing to Transfer Plate	29547616	6777974	1	X	X	X	X
2	Gasket, Transfer Plate to Separator Plate	29547652	29528652	1			X	X
3	Gasket, Separator Plate to Control Valve Body	29547651	29528651	1			X	X
4	Gasket, Transfer Plate to Separator Plate	29546336	23048057	1		X		
5	Gasket, Separator Plate to Control Valve Body	29546337	23048058	1		X		
* CEC1 and CEC2 Control Valve Bodies with the Contoured Valve Body Castings continue to use all former gaskets. See Table 2.								
Gaskets 6839632/6839633 are replaced by 23048057/23048058.								
Gaskets 6839632/6839633 and 23048057/23048058 are cancelled for production and service parts.								

Table 2. Early Trim Boost Valve Body (Contoured Valve Body)

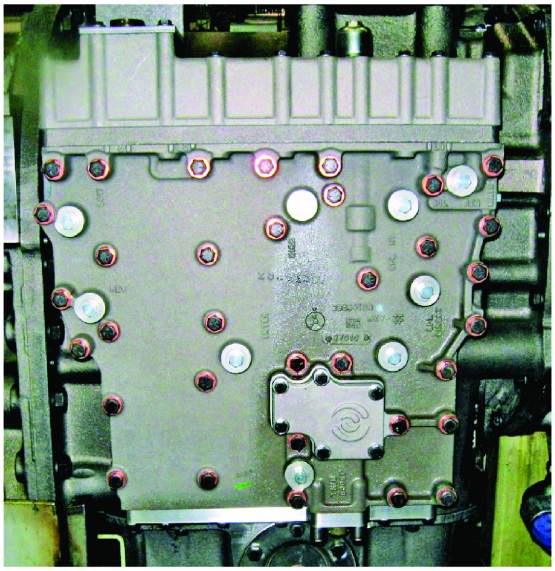
Description	Current P/N	Former P/N	Qty	CEC1*	CEC2*
Gasket, Housing to Transfer Plate	6777974*	X	1	X	X
Gasket, Transfer Plate to Separator Plate	29528652*	X	1	X	X
Gasket, Separator Plate to Control Valve Body	29528651*	X	1	X	X
*** Gaskets 29528651/29528652/6777974 are not included in 29547650 Seal & Gasket Kit. Gaskets must be ordered separately.**					

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Figure 2. Identification of Control Valve Body with Contoured Valve Body Casting



239795

Figure 3. Identification of Control Valve Body with Solid Valve Body Casting

Table 3. Kits Affected by Gasket Change

Kit Description	Current P/N	Former P/N	Gasket Changes*
Kit, Overhaul 5000/6000 Seal & Gasket	29547650	29544490	1, 2 & 3
Kit, 5000/6000 Manual Electric Valve Body Upgrade	29551734	29543189	1, 4 & 5
Kit, 5000/6000 CEC2 Valve Body Gasket Upgrade	29551732	NEW	1, 2 & 3
*** Changes - See Table 1 "Item" column for gasket details.**			

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Table 4. CEC2 Controls Gasket Upgrade Kit 29551732*

Part Number	Qty	Description
29547616	1	Gasket, Housing to Transfer Plate
29547652	1	Gasket, Transfer Plate to Separator Plate
29547651	1	Gasket, Separator Plate to Valve Body
29513464	1	Gasket, Trim Boost Solenoid Cover
103339	6	Washer, Flat
6830003	5	Washer, Flat
9415545	34	Washer, Copper
29547681	1	Instruction Sheet No. 349
*29551732 for use with Non-Contoured Valve Body Casting.		

NOTE: The gasket change will require a change in bolt torque values. The new Control Valve Body bolt torque value is 38-42 lb-ft (52-57 Nm). The former value was 26-32 lb-ft (36-44 Nm). Service manuals will be updated to reflect the current value. It is recommended that a "center out" circular torque sequence be utilized.

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May, 2011
Product Code(s): 31
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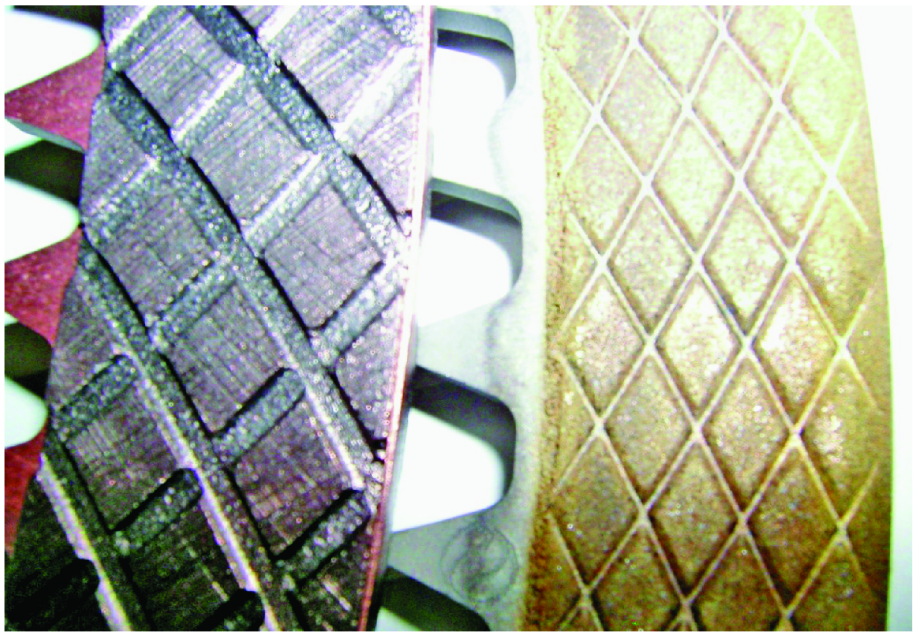
SUBJECT: Lockup Clutch Plate

MODELS AFFECTED: 5000, 6000 Series Transmissions

A new lockup clutch plate has been released for all 5000 and 6000 series transmissions utilizing the #3 lockup configuration (refer to SIL 9-TR-91 for the various lockup configurations). The new plate has an improved bronze material for increased service life and is interchangeable with former plates.

Part	Former	Current	Qty
Lockup Clutch Plate	6832138	29549470	1

Effectivity: 3110115090 – March 25, 2011



FORMER CURRENT 239773

Figure 1. Lockup Clutch Plate – Former vs Current

SIL

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SIL 14-TR-12
October, 2012
Page 1 of 2

SUBJECT: Trimmer Cover Bolt Leaks

MODELS AFFECTED: All 5000 and 6000 Electronic Controlled Transmissions

SERIAL NUMBERS AFFECTED: S/N 3110105025 to S/N 3110117190 (With Solid Valve Body Casting)

Introduction:

An oil leak can occur at two Trimmer Cover bolts on the Control Valve Body as indicated in Figure 2. Internal bolt bosses at these two locations may have been drilled through allowing oil to leak around the bolts. Service is releasing a coated bolt for use at these two locations. The coating material is Vibra-Seal™ #516/517 which is an orange colored, Teflon®–based sealant produced by Loctite® Corporation. The coating is intended to provide enhanced transmission fluid sealing capability.

Description	Former (non-coated)	Current (coated)
¼-20 x 1¾ in.	445567	29554527

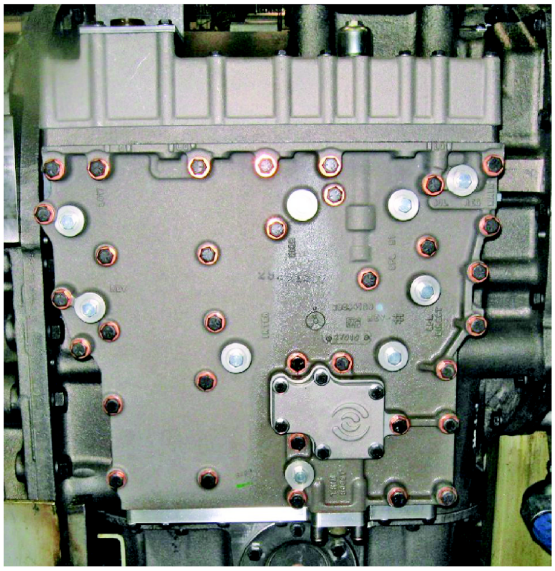
Installation Torque:

The installation torque value for the new coated bolt is the same as the former non-coated bolt.

Reusing Coated Bolts:

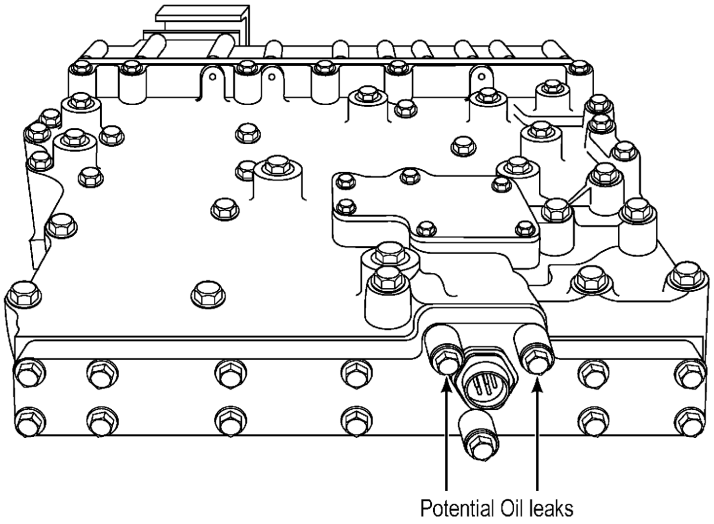
The coated bolts may be reused. Repeated removal and reinstallation of the bolts will reduce the effectiveness of the coating material. If a transmission fluid leak is detected around either of these bolts after multiple removals, the coating may have lost its effectiveness. In this case, replace the bolt to restore its sealing capability. Reapplication of sealing compounds is not permitted.

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239795

Figure 1. Control Valve Body with Solid Valve Body Casting



344434

Figure 2. Location of Affected Trimmer Cover Bolts

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NOTES

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NUMERICAL PARTS INDEX

The numerical parts index lists the parts reference number and the figure number of the illustration in which it appears. The reference numbers are keyed to the group listings. However, you must know the transmission assembly part number to identify the right group.

NOTE: Use this index for reference only; do not order parts directly from this index. Use the proper group referenced.

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PART NO.	FIG NO.	REF NO.		HISTORY
1816	39C	38	***	
1816	39D	50	***	
103319	22	43		
103319	26A	8		
103321	07	50		
103321	07	65		
103321	08	2		
103321	08	5		
103321	08	11		
103321	22	48		
103321	22	52		
103321	26A	17		
103321	26A	20		
103321	26B	2		
103321	28A	2		
103321	29B	2		
103321	30A	18		
103321	30A	38		
103321	30A	40		
103322	02	3		
103322	02	17		
103322	06	12		
103322	07	36		
103322	07	42		
103322	SK	29544228		
103322	SK	29544234		
103323	06	2		
103323	06	5		
103323	07	2		
103323	07	88		
103323	09	4		
103323	09	20		
103323	13	18		
103323	22	2		
103323	22	12		
103323	24	4		
103323	24	12		
103323	25	9		
103323	25	23		
103323	25	33		
103323	25	47		
103323	25	57		
103323	25	71		
103323	31	21		
103323	SK	29543240		
103325	13	22		
103325	21A	17		
103325	21A	42		
103325	39C	3		
103325	39D	3		
103326	31	7		
103339	28B	16		
103339	28B	29		
103339	30B	10		
103339	30B	25		
103339	30B	80		
103339	30C	10		
103339	30C	23		
103339	30C	88		
103339	30C	100		
103339	SK	29551732		
103341	07	60		
103343	06	3	***	
103345	21A	30		
103345	22	27		
104919			RB	6880187
105458	29B	13		
107393	07	14		
107393	09	10		
107393	21A	4		
107393	21B	5		
107393	21B	10		
107393	22	30		
110535			RB	29524652
115547	30C	96		
115549	22	33		
115551	12	16		
117919	25	5		
119247	21A	38		
119247	22	17		
119247	24	19		
126000			R	451006
126000			RB	29514365
138202	30C	97		
138205	39D	33	***	
138526	39B	7		
141113			RB	29503508
141192	05B	11	***	
141255	27A	28		
141264	07	15		
142862			RB	145372
145067	07	17		
145067	09	15		
145372	21A	41		
145372	21B	14		
145372	22	39		
145372			R	142862
145657	25	19		
145657	25	43		
145657	25	67		

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PART NO.	FIG NO.	REF NO.		HISTORY
145657	30A	23		
148415			RB	29552652
159336	39B	8		
179812			RB	29542098
179835	22	34		
179837	07	66		
179837	13	5		
179838	07	51		
179838	22	49		
179838	22	53		
179838	26A	18		
179838	26B	3		
179839	08	6		
179839	29A	19		
179841	28A	4		
179841	30A	39		
179843	30A	41		
179845	08	1		
179847	30A	43		
179848	08	10		
179848	27A	45		
179850	28A	3		
179850	30A	19		
179851	29B	1		
179851	30B	89		
179857	06	13		
179860	07	37		
179862	27A	48		
179867	07	44		
179867	SK	29544228		
179867	SK	29544234		
179868	07	43		
179868	SK	29544228		
179868	SK	29544234		
179874	27A	49	***	
179879	06	1	***	
179883	09	21		
179884	22	1		
179884	24	13		
179885	09	5		
179885	13	20		
179885	25	24		
179885	25	48		
179885	25	72		
179886	24	13		
179887	07	89		
179887	13	20		
179887	24	5		
179887	25	10		
179891	06	4		
179891	07	1		
179892	25	10		
179892	25	34		
179892	25	58		
181347			RB	446586
181349	07	24		
181350	05B	13	***	
181374	05A	16		
181374	05B	36		
181415	02	18		
181427	13	14		
181427	31	22		
181427	SK	29543240		
181454	02	8		
186283	30A	42		
186284	30B	88		
186284	30C	104		
186331	02	15		
186601	30C	89		
186630	22	42		
186630	22	47		
186630	26A	7		
186630	26A	12		
186647	28B	17		
186647	30B	81		
186647	30C	89		
186647	30C	101		
186725	22	11		
186725	24	13		
187152	13	19		
187425	27A	3	***	
218197	31	6		
223435	21A	25		
223738	31	19		
271170			RB	29540984
271505	02	2		
271505	02	16		
271560	13	23		
271569	21A	18		
271569	21A	43		
271577	22	28		
271579	21A	31		
273921	28A	16		
273921	28B	10		
274468	31	1		
274499	27A	1	***	
433114	29A	1		
433114	30B	86		
433142			RB	29525012
443603	30B	26		

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PART NO.	FIG NO.	REF NO.	HISTORY
444335	13	9	
444592			RB 23017377
444594			RB 23017377
444654	07	13	
444654	27A	43	
444678	07	22	
444687	07	16	
444687	09	14	
445567	30C	91	
446586	09	11	
446586			R 181347
450517	30C	103	
451006			RB 126000
451309	27A	50	***
453570	10A	10	
453570	10B	13	
453570	14	8	
453580	30A	29	
453606	12	8	
453606	15	7	
453606	15	14	
453606	17	17	
453606	19	12	
454813	30B	26	
454813	30C	24	
454815	28B	30	
454815	30B	81	
454815	30C	91	
455012	1-2	1	
455012	1-3	1	
455012	1-4	1	
455012	22	7	
455012	23	20	
455277	05B	29	***
455366	02	10	
456876	03	12	
552868	21A	7	
552868	24	21	
552868	SK	29547650	
901314			RB 23047957
903220			RB 23041147
903222			RB 29507728
903313			RB 23047977
903493			RB 23047980
905205			RB 23047981
907233			RB 907626
907564			RB 23041915
907626			R 907233
907626			RB 23047997
907666			RB 23041530
907703			RB 23047999
907888			RB 23048003
908265			RB 23041458
908300			RB 7453943
1228282	32	3	***
2043587	21A	14	
2043587	24	26	
2219907	13	1	
2219907	13	28	
2222424			RB 29543999
2222651			RB 29544561
2344798	31	10	
2344798	SK	29529654	
2344799	31	13	
2344799	SK	29529654	
2344802	31	12	
2344802	SK	29529654	
2399044	31	9	
2399048	31	17	
2399048	SK	29529654	
2399049	31	15	
2399050	31	16	
2399050	SK	29529654	
2400595			RB 6830414
2400596	31	8	
2405951	31	4	
2405951	SK	29529654	
2405951	SK	29543240	
2940625			RB 23041451
2962409	30B	NI	
2973915	30B	18	
5166664			R 5184773
5166664			RB 29538454
5171417	25	18	
5171417	25	42	
5171417	25	66	
5181902	02	5	
5181902	SK	29547650	
5184773			RB 5166664
5573960			RB 29544516
5575957			RB 29503833
5576200			RB 25011193
5576474			RB 25011269
5577310			RB 29544515
5577427			RB 29544517
5577428			RB 29544518
5620807			RB 29536843
6703212	27A	41	
6703225	27A	24	
6703225	SK	29547650	

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PART NO.	FIG NO.	REF NO.	HISTORY
6704426	19	11	
6750027	12	7	
6750259	12	12	
6750259	25	52	
6750270	04	8	
6750468	03	6	
6750468	03	7	
6750558	27A	37	
6750558	SK	29547650	
6751516	03	4	
6751518	03	5	
6751630	25	16	
6751630	25	40	
6751630	25	64	
6751633	25	14	
6751633	25	38	
6751633	25	62	
6752502	03	11	
6752520	1-1	5	
6752848	04	2	
6752848	SK	29547650	
6752849	04	1	
6752849	SK	29547650	
6753364	03	8	
6753487	07	47	
6753544	07	59	
6754783	25	15	
6754783	25	39	
6754783	25	63	
6754835	09	1	
6754835	17	6	
6754835	25	2	
6755074	13	13	
6755100	10A	17	
6755100	14	15	
6755193	25	13	
6755193	25	37	
6755193	25	61	
6755269	1-1	2	
6755269	1-2	2	
6755269	1-3	2	
6755269	1-4	2	
6755269	22	8	
6755269	23	19	
6755269	SK	29547650	
6755403	07	55	
6755403	07	62	
6755672	25	21	
6755672	25	45	
6755672	25	69	
6755672	SK	29547650	
6755986	07	9	
6756002	08	29	
6756002	SK	29547650	
6756030	17	4	
6756041	10A	13	
6756041	10B	16	
6756041	14	11	
6756042	10A	12	
6756042	10B	15	
6756042	14	10	
6756124	08	23	
6756124	SK	29547650	
6756146	30B	84	
6756146	30C	94	
6756164	30B	83	
6756164	30C	93	
6756275	19	11	
6756313	24	1	
6756313	SK	29547650	
6756338	07	8	
6756369	16	1	
6756369	SK	29547650	
6756388	25	17	
6756388	25	41	
6756388	25	65	
6756396			RB 23012852
6756430	13	25	
6757534	23	7	
6757534	23	12	
6757536	23	6	
6757555	22	4	
6757557			RB 23012928
6757563	21A	29	
6757563	22	14	
6757563	24	18	
6757585	22	6	
6757585	24	11	
6757585	25	26	
6757602	24	20	
6757633			RB 6768543
6758216	07	64	
6758218	08	3	
6758218	SK	29547650	
6758330	13	21	
6758337	07	49	
6758340	12	11	
6758367	12	13	
6758375	29A	17	
6758376	07	87	

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PART NO.	FIG NO.	REF NO.	HISTORY
6758376	09	19	
6758380	29A	16	
6758380	SK	29547650	
6758381	29A	3	
6758381	29A	5	
6758381	29B	3	
6758381	29B	5	
6758381	SK	29547650	
6758397	15	1	
6758399	15	5	
6758413	19	7	***
6758415	07	25	
6758415	09	12	
6758415	SK	29547650	
6758417	10A	3	
6758422			RB 29537419
6758437	26A	1	
6758437	SK	29547650	
6758438			RB 29525026
6758442	06	10	
6758442	SK	29547650	
6758459	07	56	
6758459	13	3	
6758459	13	26	
6758461	27A	16	
6758461	27B	22	
6758461	29B	14	
6758462	13	8	
6758473	26A	4	
6758473	26A	25	
6758474			RB 29525027
6758475	28A	13	***
6758485			RB 29537235
6758486	26B	7	
6758488	13	11	
6758491	13	12	
6758496	19	1	
6758497	12	17	
6758505			RB 29538548
6758508	27A	12	
6758508	27B	18	
6758523	29A	9	
6758530	08	15	
6758540			RB 29542985
6758541	17	12	
6758543	28A	14	
6758543	28B	7	
6758557	26B	6	
6758563	22	19	
6758563	24	6	
6758563	SK	29547650	
6758581			RB 6839418
6758597	28A	13	***
6758907	27A	11	
6758907	27B	17	
6759109	21B	2	
6759132			RB 29537420
6759135			RB 23045094
6759270	30A	7	
6759270	SK	29547650	
6759271			RB 6776675
6759314	23	7	
6759314	23	12	
6759323	25	28	
6759323	25	53	
6759339	16	2	
6759340	11	5	
6759340	16	5	
6759373	28A	8	
6759377	15	6	
6759377	15	13	
6759379	13	16	
6759379	SK	29547650	
6759381	13	17	
6759414	18	1	
6759423	20	1	
6759958	30B	60	
6759958	30B	66	
6759964	30A	13	
6759964	30A	31	
6759964	30B	55	
6759964	30B	61	
6759964	30B	67	
6759964	30B	73	
6759968	30A	35	
6760112	27A	15	
6760112	27B	21	
6760112	SK	29547650	
6764333	28A	9	
6764333	SK	29547650	
6768264	27A	13	
6768264	27B	19	
6768324	1-2	3	
6768324	1-3	3	
6768324	1-4	3	
6768381	03	6	***
6768381	03	7	***
6768382	03	4	***
6768383	03	8	***
6768396	16	4	

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PART NO.	FIG NO.	REF NO.	HISTORY	
6768396	20	3		
6768417	21A	12		
6768417	24	24		
6768417	SK	29547650		
6768418	21A	13		
6768418	24	25		
6768418	SK	29547650		
6768419	16	15		
6768419	18	11		
6768478	18	2		
6768499	19	8		
6768501	29B	9	***	
6768536	21A	11		
6768536	24	23		
6768543	1-2	5		
6768543	1-3	5		
6768543	1-3	6		
6768543	1-3	11		
6768543	1-4	5		
6768543			R	6757633
6768543			R	6769388
6768550	29B	10	***	
6768574	29B	7	***	
6768687			RB	29515103
6768688	02	9		
6768688	SK	29547650		
6768689	02	4		
6768711			RB	29515102
6768770	07	69		
6768827	21A	24		
6768827	31	2		
6768827	SK	29543240		
6768877	22	16		
6768877	24	16		
6768877			R	6881393
6768878	22	13		
6768878	24	15		
6768878			R	6881394
6768981	26B	1		
6768989	26B	5		
6768990	06	11		
6769107	09	3		
6769131	03	11		
6769195	11	12		
6769252	28A	13		
6769261	19	9		
6769263	1-1	8	***	
6769263			R	6769264
6769264			RB	6769263
6769276	05A	13		
6769277			RB	23048614
6769286			RB	23048613
6769289	15	19		
6769289	SK	29547650		
6769326	10A	15		
6769326	11	8		
6769326	14	13		
6769326	16	9		
6769326	18	5		
6769326	20	5		
6769344	13	4		
6769388			RB	6768543
6769402	30A	26		
6769406	28A	12		
6769407	28A	13		
6769413	08	17		
6769413	SK	29547650		
6769476	22	9		
6769476	23	18		
6769509	07	45		
6769720	08	22		
6769722	08	21		
6769729	08	8		
6769783	27A	13		
6769783	27B	19		
6769790			RB	29525024
6769796			RB	29525025
6769825	30A	12		
6769825	30A	32		
6769938			RB	29518545
6769939	1-3	10		
6769939	1-4	8		
6769940	1-4	9		
6770023	28A	10		
6770023	28B	9		
6770075	27A	10		
6770075	27B	16		
6770094	23	9		
6770098	17	8		
6770302	05A	12		
6770357			RB	29525039
6770521	27A	4		
6770521	27A	51		
6770521	SK	29547650		
6770530	30A	8		
6770569			RB	23045334
6770571	13	2		
6770571	13	27		
6770573	07	54		
6770574	05A	14		

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PART NO.	FIG NO.	REF NO.	HISTORY
6770578	05A	17	
6770578	05B	37	
6770578	SK	29547650	
6770585	05A	18	
6770585	05B	38	
6770587	04	10	
6770587			R 6836303
6770590	04	8	
6770591	11	19	
6770598			RB 29506141
6770612			RB 23048635
6770614			RB 23048643
6770623	10A	7	
6770623	10B	11	
6770623	14	5	
6770623	SK	29547650	
6770630			RB 23045944
6770631			RB 23045945
6770646	23	8	***
6770661	1-3	9	***
6770671			RB 29528534
6770677	22	18	
6770677	23	14	
6770683			RB 29528618
6770761			RB 23048613
6770785	1-1	7	
6770847	1-3	6	
6770847	1-4	5	
6770848	10A	16	
6770848	14	14	
6770851	1-2	7	
6770855			RB 29518544
6770856	1-2	8	
6770860	29A	13	
6770862			RB 23018483
6770878	22	51	
6770879	22	50	
6770879	SK	29547650	
6770891			RB 23045952
6770906			RB 23045949
6770908			RB 23048657
6770911			RB 23048656
6771005	28A	15	
6771005	28B	6	
6771005	SK	29547650	
6771131			RB 29528620
6771140	22	32	
6771192			RB 29528619
6771238	28A	5	
6771249	07	61	
6771300	21A	8	
6771300	24	28	
6771315	19	10	
6771316	12	3	
6771316	15	10	
6771316	15	17	
6771322	28A	5	
6771363	19	6	
6771378	27A	38	
6771509	24	2	
6771690	11	4	
6771709	16	4	
6771929	28A	7	
6772008	25	30	
6772008	25	54	
6772009			RB 6779041
6772011	25	22	
6772011	25	46	
6772011	25	70	
6772012	25	6	
6772012	25	31	
6772012	25	55	
6772012	SK	29547650	
6772032	28A	5	
6772116	1-2	13	
6772137	28A	11	
6772140	1-1	4	
6772140	1-2	4	
6772140	1-3	4	
6772140	1-4	4	
6772140	22	10	
6772140	23	17	
6772141	1-1	4	
6772141	1-2	4	
6772141	1-3	4	
6772141	1-4	4	
6772141	22	10	
6772141	23	17	
6772143	11	14	
6772158	21A	9	
6772162	21A	1	
6772162	21B	1	
6772162	22	20	
6772162	SK	29547650	
6772168	1-2	12	
6772182	1-2	10	
6772182	1-3	8	
6772182	1-4	7	
6772185	1-2	9	
6772186	1-2	6	

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PART NO.	FIG NO.	REF NO.	HISTORY
6772551	31	3	
6772551	SK	29543240	
6772552	04	9	
6772652	30A	34	
6772740	27A	35	
6772740	30A	21	
6772740	SK	29547650	
6772859	16	14	
6772860	16	13	
6773088	05A	11	
6773159	30A	24	
6773186	02	1	
6773186	22	3	
6773186	SK	29547650	
6773187	30A	37	
6773188	30A	16	
6773189	30A	36	
6773189	SK	29547650	
6773192	30A	11	
6773192	30A	33	
6773193	30A	4	
6773193	SK	29547650	
6773196			RB 6776681
6773207	30A	28	
6773235			RB 23017502
6773236			RB 23017508
6773243	07	57	
6773311	21A	28	
6773311	22	3	
6773311	22	15	
6773311	24	17	
6773311	25	25	
6773311	25	49	
6773311	25	73	
6773311	SK	29547650	
6773331	30A	15	
6773331	SK	29547650	
6773365	07	58	
6773381			RB 23045950
6773402	12	10	
6773402	SK	29547650	
6773790	27A	46	
6773806	12	14	
6773945			RB 23046428
6773946			RB 23045507
6773947			RB 23045507
6773996	09	13	
6773997	07	31	
6774044	23	10	
6774061	1-2	11	
6774130			RB 29544498
6774155	30A	20	
6774184	05A	2	
6774184	05B	2	
6774290	07	84	
6774290	SK	29547650	
6774320	30A	27	
6774326	30A	25	
6774328	30A	22	
6774516			RB 23045335
6774565	13	15	
6774607	12	6	
6774663	1-1	6	
6774667	1-3	5	
6774690	17	1	
6774701			RB 29503632
6774703	05A	5	
6774703	05B	5	
6774704	05A	4	
6774704	05B	4	
6774708	05A	7	
6774709	05A	9	
6774710	05A	15	
6774712	07	71	
6774713			RB 23019731
6774721			RB 23019650
6774735	06	7	
6774735	07	4	
6774736	06	6	
6774736	07	3	
6774930			RB 23045954
6774931			RB 23045953
6775699			RB 29537234
6775705	17	14	
6775706	17	13	
6775707			RB 6831150
6775712	19	3	
6775714	19	13	
6775716	19	1	
6775717	19	7	
6775718	19	6	
6775812	28A	13	
6775813			RB 23015049
6775827			RB 6831068
6775834	07	71	
6775839	10A	11	
6775839	14	9	
6775840	10A	9	
6775840	14	7	
6775854	16	6	

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PART NO.	FIG NO.	REF NO.		HISTORY
6775916	1-4	9	***	
6776022	19	10		
6776246	1-3	7		
6776246	1-4	6		
6776451	08	28		
6776610	10B	18		
6776610	11	8		
6776610	18	5		
6776626	10B	2		
6776627	10B	3		
6776675	30A	6		
6776675			R	6759271
6776676	30A	10		
6776677	30A	9		
6776677	30B	57		
6776678	30A	14		
6776679	30A	30		
6776680	27A	14		
6776680	27B	20		
6776681	30A	3		
6776681			R	6773196
6776682	30A	2		
6776683			RB	23017550
6776718			RB	23019730
6776719			RB	23019729
6777212			RB	6880128
6777214			RB	6880127
6777242	10A	5		
6777242	10B	8		
6777242	14	3		
6777328			RB	6838454
6777677	05B	21		
6777793	28A	5		
6777814	10B	19		
6777907	10B	14		
6777908	10B	12		
6777969			RB	6838040
6777974	30C	1		
6777974			RB	29547616
6778009	30B	75		
6778407	05B	34	***	
6778411	27A	42		
6778417	27A	27	***	
6778420	05B	31	***	
6778421	05B	9	***	
6778422	27A	31	***	
6778430	27A	39		
6778435	07	79		
6778436	05B	35	***	
6778437	05B	20	***	
6778439	05B	7		
6778440	07	75	***	
6778441	07	73	***	
6778444	05B	26	***	
6778444	05B	33	***	
6778451	27A	30		
6778451	SK	29547650		
6778455	05B	28	***	
6778456	05B	27	***	
6778459	05B	22	***	
6778460	05B	10	***	
6778466	05B	30	***	
6778469	05B	32	***	
6778473	27A	29	***	
6778474	07	74	***	
6778491	05B	8		
6778492	27A	26	***	
6778892	1-2	14		
6779006	05B	19		
6779035			RB	23047088
6779036	25	1		
6779037	24	3		
6779038	24	10		
6779038	25	3		
6779038	25	7		
6779038	SK	29547650		
6779039	25	4		
6779041	25	8		
6779041	25	32		
6779041	25	56		
6779041			R	6772009
6779043	25	29		
6779082			RB	23047087
6779083	05B	14	***	
6779125	07	35		
6779247			RB	23016548
6779451	07	67		
6779451	09	17		
6779451	SK	29547650		
6779576	15	20		
6779645	27A	34	***	
6779647	27A	33		
6779801	12	1		
6779802	12	5		
6779833	30B	23		
6779833	30C	21		
6779833	SK	29547650		
6779833	SK	29551734		
6779837	30B	47		
6779837	30C	45		

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PART NO.	FIG NO.	REF NO.		HISTORY
6779840	30B	40		
6779840	30C	38		
6779894	07	73	***	
6779895	07	74	***	
6779936	05B	18	***	
6779949	05B	12	***	
6830003	05A	22		
6830003	05B	41		
6830003	30B	3		
6830003	30C	3		
6830003	SK	29551732		
6830007	07	34		
6830007	07	39		
6830007	SK	29544228		
6830007	SK	29544234		
6830007	SK	29547650		
6830014	30B	64		
6830014	30B	70		
6830014	30B	76		
6830021	07	68		
6830021	SK	29547650		
6830237	30B	58		
6830240	30B	63		
6830240	30B	69		
6830243	30B	39		
6830243	30C	37		
6830265	05B	16	***	
6830320	30B	22		
6830323	27A	40	***	
6830333	17	20		
6830409			RB	29514478
6830410	31	11		
6830410	SK	29529654		
6830414	31	14		
6830414			R	2400595
6830525	05B	17	***	
6830526	05B	15	***	
6830599			RB	29538506
6830721	05B	6	***	
6830920			RB	23041616
6831031	11	15		
6831032	20	6		
6831033	16	11		
6831034	16	11		
6831034	18	7		
6831067			RB	23017459
6831068	07	78		
6831068			R	6775827
6831069	15	23		
6831117	15	23		
6831118	19	5	***	
6831119	19	5		
6831120	17	22		
6831121	11	13		
6831139			RB	23017460
6831150			R	6775707
6831150			RB	29542984
6831151			RB	29544481
6831152			RB	29544480
6831155	16	13		
6831155	18	9		
6831156	16	14		
6831156	18	10		
6831159	11	20		
6831528	27A	36		
6831848	11	11		
6832007	17	19		
6832035	14	2		
6832037	10A	2		
6832037			R	29535635
6832090	14	4		
6832091	10A	6		
6832138	04	8		
6832138			R	23048195
6832304	30B	37		
6832304	30B	42		
6832304	30B	44		
6832304	30B	46		
6832304	30B	48		
6832304	30C	35		
6832304	30C	40		
6832304	30C	42		
6832304	30C	44		
6832304	30C	46		
6832481	10A	8		
6832481	10B	10		
6832481	14	6		
6832481	SK	29547650		
6832482	11	17		
6832482	SK	29547650		
6832483	11	18		
6832483	SK	29547650		
6832484	11	17		
6832484	16	10		
6832484	18	6		
6832484	20	7		
6832484	SK	29547650		
6832485	11	18		
6832485	16	12		
6832485	SK	29547650		

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PART NO.	FIG NO.	REF NO.	HISTORY	
6832486	16	12		
6832486	18	8		
6832486	SK	29547650		
6832487	20	8		
6832487	SK	29547650		
6832547	04	6		
6832696			RB	29527113
6832697			RB	29525021
6832700			RB	6834893
6832701			RB	6834894
6832705	30B	15		
6832813	30B	24		
6832868	11	2		
6832869	11	2		
6832928			RB	29525020
6832929			RB	29525019
6833167	30B	16		
6833167	30B	21		
6833171	30B	20		
6833223	30B	38		
6833223	30C	36		
6833281	30B	31		
6833281	30C	29		
6833385	05B	24	***	
6833386	05B	25	***	
6833409	29A	8		
6833409	29B	8		
6833409	SK	29547650		
6833616	21B	4		
6833617	21B	6	***	
6833619	26B	1		
6833619	SK	29547650		
6833812	16	3		
6834002			RB	23017430
6834075	33C	1		
6834077	33C	1		
6834180	08	16		
6834181	08	12		
6834182	08	13		
6834183	08	18		
6834184	08	20		
6834536	30B	82		
6834536	30C	92		
6834882			RB	23015481
6834885	1-1	8	***	
6834893			R	6832700
6834893			RB	29528627
6834894			R	6832701
6834894			RB	29528626
6834896			RB	29507791

PART NO.	FIG NO.	REF NO.	HISTORY	
6835205			RB	23017432
6835351			RB	29503643
6835405	30B	35		
6835405	30C	33		
6835409	30B	2		
6835614	30B	53		
6835614	30C	51		
6835635			RB	29544508
6835734			RB	29538549
6835742	11	3		
6836029			RB	23017739
6836226	30B	79		
6836303			RB	6770587
6836340			RB	23045747
6836514			RB	23017036
6836514			RB	23017051
6836515			RB	23017037
6836517			RB	23017041
6836600	33C	3		
6836602	33C	2		
6836669	17	9		
6836673			RB	29536124
6836694	33C	1		
6836923	07	52		
6836923	09	16		
6836923	SK	29547650		
6836930			RB	23017434
6837128			RB	23011619
6837129			RB	29544227
6837164	SK	29551734		
6837301			RB	23017040
6837318	32	20		
6837319	32	20		
6837321	24	14		
6837349	23	4		
6837350	23	5		
6837425			RB	23015482
6837511			RB	23045336
6837821	07	53		
6837880	30B	15		
6838039	21A	21		
6838040	21A	20		
6838040			R	6777969
6838041	21A	22		
6838042	21A	27		
6838043	21A	16		
6838043	SK	29547650		
6838044	21A	19		
6838125			RB	23015601
6838172			RB	23017349

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PART NO.	FIG NO.	REF NO.		HISTORY
6838224	11	3		
6838225	11	16		
6838403	05A	1		
6838403	05B	1		
6838403	SK	29547650		
6838413			RB	29544228
6838429	08	19		
6838454			R	6777328
6838454			RB	29544557
6838457			RB	23010422
6838458			RB	23010423
6838459			RB	23010424
6838494			RB	23049131
6838520	28B	8		
6838580	23	2		
6838587	11	5	***	
6838589	18	3		
6838590	16	7		
6838649			RB	6839183
6838686	13	6		
6838687	13	6		
6839014	30C	68		
6839106			RB	29533088
6839111			RB	29533089
6839122			RB	29521871
6839183	13	24		
6839183			R	6838649
6839244	03	10		
6839245	03	13	***	
6839279	30B	63		
6839304	39D	6		
6839305	39C	8		
6839306	39C	4		
6839306	39D	4		
6839307	39C	10	***	
6839307	39D	8	***	
6839308	39C	11	***	
6839315	39C	14	***	
6839315	39D	12	***	
6839319			RB	23015259
6839321	39D	27		
6839322	39D	35		
6839323	39D	34		
6839324	39D	28		
6839326	39D	32	***	
6839327	39D	25		
6839328	39C	26		
6839328	39D	26		
6839329	39D	38		
6839330	39D	31		

PART NO.	FIG NO.	REF NO.		HISTORY
6839331	39D	36		
6839332	39D	40		
6839333	39D	42	***	
6839334	39D	41	***	
6839335			RB	23047197
6839336	39C	2	***	
6839336	39D	2	***	
6839337	39C	17	***	
6839337	39D	15	***	
6839338	39C	16	***	
6839338	39D	14	***	
6839339	39C	22	***	
6839339	39D	22	***	
6839340	39C	35		
6839340	39D	47		
6839341	39C	32	***	
6839341	39C	36	***	
6839341	39D	44	***	
6839341	39D	48	***	
6839342	39C	5		
6839342	39D	5		
6839344	39C	12		
6839344	39D	10		
6839346	39D	19		
6839347	39D	37		
6839348	39C	27		
6839348	39D	29		
6839349	39C	37		
6839349	39D	49		
6839350	39C	31		
6839350	39D	43		
6839351	39D	39		
6839353	39C	28		
6839354	39C	30	***	
6839355	39C	21	***	
6839355	39C	29	***	
6839355	39D	21	***	
6839357	39D	45		
6839358	39C	33		
6839359	39C	34		
6839359	39D	46		
6839360	39C	34		
6839360	39D	46		
6839361	39D	38		
6839362	39C	25		
6839418	12	9		
6839418	19	13		
6839418			R	6758581
6839631	30B	7		
6839632			RB	23048057

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PART NO.	FIG NO.	REF NO.		HISTORY
6839633			RB	23048058
6839675			RB	23017501
6839676			RB	23017507
6880118	30C	54		
6880118	30C	59		
6880124	08	27		
6880125	08	9		
6880127	08	24		
6880127			R	6777214
6880128	08	26		
6880128			R	6777212
6880172	30B	41		
6880172	30B	43		
6880172	30C	39		
6880172	30C	41		
6880174	30B	45		
6880174	30C	43		
6880178	30B	33		
6880178	30C	31		
6880178	SK	29547650		
6880178	SK	29551734		
6880179	30B	29		
6880179	30C	27		
6880186	30C	68		
6880187	27A	32		
6880187	30B	49		
6880187	30C	47		
6880187			R	104919
6880323	09	2		
6880381	30B	36		
6880381	30C	34		
6880439			RB	29525030
6880441			RB	29525031
6880476	29A	4		
6880476	29B	4		
6880756	21A	26		
6880776	25	51		
6880776			R	29503132
6880778	25	28		
6880778			R	29503131
6880795	30B	34		
6880795	30C	32		
6880860	28A	1		
6880860	28B	1		
6880860	SK	29547650		
6881393			RB	6768877
6881394			RB	6768878
6881486			RB	6884478
6881547	08	30		
6881826			RB	29503850
6881830			RB	29503851
6882221	30B	54		
6882221	30B	72		
6882222	30B	56		
6882222	30B	62		
6882222	30B	68		
6882222	30B	74		
6882673	32	19		
6882675	32	19		
6882702	07	48		
6882702	22	40		
6882702	26A	5		
6882702	SK	29547650		
6882809			RB	23016715
6883047			RB	23015776
6883048			RB	23012904
6883520			RB	23045955
6883522			RB	23045956
6884078	24	2		
6884079	24	11		
6884080	22	5		
6884080	24	9		
6884080	SK	29547650		
6884082	23	15		
6884083			RB	23017578
6884084			RB	23045156
6884085			RB	23016024
6884088	1-3	11		
6884088	1-4	10		
6884100			RB	23017042
6884436	12	11		
6884463			RB	23015620
6884469			RB	23015623
6884478			R	6881486
6884478			RB	29528648
6884479			RB	23014414
6884480			RB	29528624
6884483			RB	23014209
6884692			RB	23012898
6884702			RB	23012899
6884779			RB	29528621
6884780			RB	29528622
6884785	39C	39		
6884785	39C	39	***	
6884835	12	4		
6884835	15	9		
6884835	15	16		
6884962	33C	4		
6885031	29A	11		
6885047	30C	73		

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PART NO.	FIG NO.	REF NO.	HISTORY
6885047	30C	78	
6885163	33C	1	
6885166	30C	54	
6885166	30C	59	
6885166	30C	64	
6885636	39C	25	
7453943			R 908300
7453943			RB 23041515
8892840	06	9	
8892840	07	6	
8892840	11	9	
9409030	30B	5	
9409030	30C	5	
9409045	27A	5	
9409045	27B	10	
9409047	17	15	
9409056	03	9	
9409058	03	1	
9409058			R 9409059
9409059			RB 9409058
9409127	07	72	
9409226	28B	4	
9409231	28B	2	
9411488	27A	1	***
9414052	12	15	
9415092	27A	1	***
9415545	08	7	
9415545	29A	2	
9415545	29A	18	
9415545	30B	85	
9415545	30C	102	
9415545	SK	29547650	
9415545	SK	29551732	
9415545	SK	29551734	
9416011	27A	48	
9417797	27A	8	
9417797	27B	13	
9418116	30B	12	
9418964	08	4	
9418964	26A	21	
9418964	30B	87	
9420572	05A	23	
9420572	05B	42	
9421651	27B	2	
9421651			R 29509733
9421697	39D	9	***
9422847	27A	44	
9422847	28B	3	
9422848	27A	2	
9422848	27B	11	

PART NO.	FIG NO.	REF NO.	HISTORY
9425158	29A	15	
9426920			RB 29501499
9427847			RB 29544493
9432185			RB 23041458
9433579	30B	12	
9433579	30C	12	
9437787	22	22	
9437787	23	16	
9440087			RB 29507729
12004007	32	14	
12015284	33A	6	
12015284	33B	12	
12015284	33D	10	
12015284	33E	18	
12015793	33A	8	
12015793	33B	14	
12015793	33D	12	
12015793	33E	20	
12020043			RB 12048105
12020219	35A	11	
12020381	30B	19	
12033674			RB 12089040
12034046	35A	12	
12034108	30B	18	
12034108	30C	16	
12034390	37	3	
12034404	35A	3	
12034406			RB 29545909
12034413	33A	4	
12034413	33B	5	
12034413	35A	4	
12034413	35A	8	
12034413	37	4	
12040542	32	17	
12040921	35A	9	
12040940	32	16	
12047662	28B	26	
12047664	28B	24	
12047680	33A	2	
12047680	33B	3	
12047680	35A	2	
12047680	35A	10	
12047680	37	2	
12047767	28B	25	
12048105	35A	13	
12048105			R 12020043
12048107	35A	14	
12052410	28B	21	
12052410	30B	18	
12052410	30C	16	

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PART NO.	FIG NO.	REF NO.	HISTORY
12059716	28B	22	
12059716	30B	19	
12059716	30C	17	
12066016	37	12	
12084912	33D	3	
12084912	33E	4	
12089040	33A	7	
12089040	33B	13	
12089040	33D	11	
12089040	33E	19	
12089040			R 12033674
12092420			RB 29541590
12103881	33D	17	
12103881	33D	22	
12103881	33D	26	
12103881	33E	25	
12103881	33E	30	
12103881	33E	34	
12103881	37	16	
12110693	39E	28	
12110693	39F	16	
12110693	39G	16	
12124639	30C	82	
12129023	33D	2	
12129023	33E	3	
12129557	33D	7	
12129557	33E	8	
12129557	39E	27	
12129557	39F	15	
12129557	39G	15	
12129691	28B	23	
12129691	28B	27	
12160542	39E	30	
12160542	39F	18	
12160542	39G	18	
12160551	39E	29	
12160551	39F	17	
12160551	39G	17	
12162193	33D	16	
12162193	33D	21	
12162193	33D	25	
12162193	33E	24	
12162193	33E	29	
12162193	33E	33	
12162193	37	15	
12176394	39E	26	
12176394	39F	14	
12176394	39G	14	
12177289	33D	8	
12177289	33E	9	
12191003	33D	6	
12191003	33E	7	
12191176	39E	31	
12191176	39F	19	
12191176	39G	19	
15305333	33D	5	
15305333	33E	6	
15305371	33D	4	
15305371	33E	5	
15324208	32	18	
15324210	32	15	
16005999	39A	24	
16005999	39B	5	
16065869			RB 16071891
16071629			RB 16074719
16071639			RB 16074739
16071669			RB 16074689
16071689			RB 16074729
16071891			R 16065869
16071891			RB 16074986
16071923			RB 16075025
16071930			RB 16075036
16071948			RB 16075008
16071961			RB 16075030
16074649			RB 16081099
16074679			RB 16081109
16074689			R 16071669
16074689			RB 16081119
16074699			RB 16081129
16074709			RB 16081139
16074719			R 16071629
16074719			RB 16081149
16074729			R 16071689
16074729			RB 16081159
16074739			R 16071639
16074739			RB 16084519
16074986			R 16071891
16074986			RB 16080822
16075003			RB 16080828
16075008			R 16071948
16075008			RB 16080835
16075014			RB 16080842
16075019			RB 16080847
16075025			R 16071923
16075025			RB 16080854
16075030			R 16071961
16075030			RB 16080860
16075036			R 16071930
16075036			RB 16084730
16080822			R 16074986

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PART NO.	FIG NO.	REF NO.		HISTORY
16080822			RB	29504547
16080828	32	4		
16080828			R	16075003
16080835	32	4		
16080835			R	16075008
16080842	32	4		
16080842			R	16075014
16080847	32	4		
16080847			R	16075019
16080854	32	4		
16080854			R	16075025
16080860			R	16075030
16080860			RB	29504551
16081099	32	2		
16081099			R	16074649
16081109	32	2		
16081109			R	16074679
16081119	32	2		
16081119			R	16074689
16081129	32	2		
16081129			R	16074699
16081139	32	2		
16081139			R	16074709
16081149	32	2		
16081149			R	16074719
16081159	32	2		
16081159			R	16074729
16084519	32	2		
16084519			R	16074739
16084730	32	4		
16084730			R	16075036
16085369	32	2		
16085449	32	2		
16085519	32	2		
16085579	32	2		
16085595	32	4		
16085641	32	4		
16085674	32	4		
16085828	32	4		
16136494	32	4		
16136502	32	4		
16136789	32	2		
16136859	32	2		
16172029	32	3		
23010422	40A	2	***	
23010422			R	6838457
23010423	40A	2	***	
23010423			R	6838458
23010424	40A	2	***	
23010424			R	6838459
23010426			RB	29525039
23010489	15	4		
23010998			RB	23011476
23010999			RB	23011473
23011150	10B	5		
23011194	22	44		
23011194	26A	9		
23011195	22	45		
23011195	26A	10		
23011196	22	46		
23011196	26A	11		
23011216	22	41		
23011216	26A	6		
23011252	30B	7		
23011473			R	23010999
23011473			RB	23014343
23011476			R	23010998
23011476			RB	23014342
23011571			RB	23015621
23011572			RB	23015622
23011603			RB	23017435
23011619			R	6837128
23011619			RB	23046148
23011792	32	22		
23011793	32	23		
23012031	07	20		
23012031	21A	3		
23012033	07	19		
23012033	22	25		
23012034	07	21		
23012034	22	35		
23012035	07	18		
23012035	21A	39		
23012035	21B	8		
23012035	22	36		
23012035	27A	7		
23012035	27B	14		
23012036	28B	13		
23012036	30A	17		
23012036	30B	52		
23012036	30C	50		
23012037	07	23	***	
23012037	29A	7	***	
23012037	29B	12	***	
23012038	07	12		
23012038	21B	7		
23012038	29B	15		
23012090	32	19		
23012852	25	11		
23012852	25	35		

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PART NO.	FIG NO.	REF NO.		HISTORY
23012852	25	59		
23012852			R	6756396
23012898	30B	14		
23012898			R	6884692
23012899			R	6884702
23012899			RB	29528625
23012904	30B	14		
23012904			R	6883048
23012928	23	11		
23012928			R	6757557
23012937	30C	73		
23012937	30C	78		
23013533			RB	23048644
23013909	30C	72		
23013909	30C	77		
23013931	30B	27		
23014064	25	NI		
23014064	SK	29547650		
23014065	25	NI		
23014065	SK	29547650		
23014107	26A	16		
23014166	07	87		
23014166	09	19		
23014209	30B	14		
23014209			R	6884483
23014342			R	23011476
23014342			RB	23014411
23014343			R	23011473
23014343			RB	23014422
23014411	30B	27		
23014411			R	23014342
23014414			R	6884479
23014414			RB	29528623
23014422	30B	27		
23014422			R	23014343
23014599	09	9		
23014911	09	8		
23014911	28A	17		
23014911	28A	18		
23014948	25	12		
23014948	25	36		
23014948	25	60		
23014949	25	NI		
23014954	32	21		
23014995			RB	29525034
23015011	30B	27		
23015048	28A	5		
23015049	28A	5		
23015049			R	6775813
23015142	37	7		
23015143			RB	23047275
23015204	35A	6		
23015205	37	6		
23015259	39D	18		
23015259			R	6839319
23015481	21A	32		
23015481			R	6834882
23015482			R	6837425
23015482			RB	29544512
23015601	12	2		
23015601	15	8		
23015601	15	15		
23015601			R	6838125
23015620	24	7		
23015620			R	6884463
23015621	24	7		
23015621			R	23011571
23015622	24	7		
23015622			R	23011572
23015623	24	7		
23015623			R	6884469
23015776	30B	14		
23015776			R	6883047
23016023			RB	29538482
23016024			R	6884085
23016024			RB	29538481
23016057			RB	29537277
23016058	04	10		
23016068	26B	4		
23016069	22	24		
23016147	21A	15		
23016147	24	27		
23016147	30A	5		
23016149	26A	22		
23016152	24	8		
23016193	35A	7		
23016336	39B	3		
23016455	28B	20		
23016490	35A	5		
23016490	37	5		
23016502	33E	12		
23016502	35A	16		
23016504	35A	15		
23016548	27A	17		
23016548	27A	25		
23016548	27B	23		
23016548	SK	29547650		
23016548			R	6779247
23016615	15	22		
23016615	19	2		

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PART NO.	FIG NO.	REF NO.	HISTORY	
23016647	SK	29551734		
23016653			RB	23019729
23016654			RB	23019649
23016655			RB	23019730
23016656			RB	23019731
23016679			RB	23019650
23016715	15	21		
23016715			R	6882809
23016824	28B	23		
23017036	39D	1		
23017036			R	6836514
23017037	39D	1		
23017037			R	6836515
23017040	39C	1		
23017040			R	6837301
23017041	39C	1		
23017041			R	6836517
23017042			R	6884100
23017042			RB	23045144
23017051	39D	1		
23017051			R	6836514
23017052	28A	5		
23017349	20	2		
23017349			R	6838172
23017377	22	37		
23017377	26A	19		
23017377	27A	47		
23017377			R	23017381
23017377			R	444592
23017377			R	444594
23017381			RB	23017377
23017430			R	6834002
23017430			RB	29525041
23017432			R	6835205
23017432			RB	29525042
23017434			R	6836930
23017434			RB	29525043
23017435	30B	30		
23017435	30C	28		
23017435			R	23011603
23017459	11	13		
23017459			R	6831067
23017460	11	11		
23017460			R	6831139
23017501			R	6839675
23017501			RB	29537424
23017502			R	6773235
23017502			RB	29537447
23017507			R	6839676
23017507			RB	29537423
23017508			R	6773236
23017508			RB	29537448
23017550			R	6776683
23017550			RB	29525040
23017578			R	6884083
23017578			RB	29528628
23017579	24	2		
23017739	11	6		
23017739			R	6836029
23017810	10B	1		
23018482			RB	29525032
23018483	29A	12		
23018483			R	6770862
23018484	29A	14		
23018502	02	13		
23018502	03	14		
23018739	30B	4		
23018739	30C	4		
23018768	33E	15		
23018842			RB	29503834
23018844			RB	29510913
23018845			RB	29507769
23018847			RB	29510914
23018848			RB	29510916
23018849			RB	29503833
23018851			RB	23049373
23018852			RB	23049374
23018854			RB	29510915
23018860			RB	29507770
23018906			RB	29502944
23018912	39A	26		
23018950	27B	6		
23018950			R	29501469
23018958	27B	26		
23018958	40B	4		
23018958	40B	8		
23019639			RB	29538507
23019649	07	77		
23019649	SK	29547650		
23019649			R	23016654
23019650	10A	1		
23019650	10B	6		
23019650	14	1		
23019650	SK	29547650		
23019650			R	23016679
23019650			R	6774721
23019651	07	77		
23019651	SK	29547655		
23019651	SK	29547706		
23019729	07	85		

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PART NO.	FIG NO.	REF NO.	HISTORY
23019729	SK	29547650	
23019729			R 23016653
23019729			R 6776719
23019730	07	76	
23019730	SK	29547650	
23019730			R 23016655
23019730			R 6776718
23019731	07	70	
23019731	SK	29547650	
23019731			R 23016656
23019731			R 6774713
23019734	28B	15	
23019734	30B	27	
23019734	30C	25	
23040663			RB 29510911
23040664	27B	9	
23041007	17	18	
23041147	19	14	
23041147			R 903220
23041451	22	21	
23041451	23	13	
23041451			R 2940625
23041451			RB 23047957
23041452	05A	3	
23041452	05B	3	
23041458	02	6	
23041458	12	18	
23041458			R 908265
23041458			R 9432185
23041515			R 7453943
23041515			RB 29530100
23041530	15	18	
23041530			R 907666
23041616	10A	14	
23041616	10B	17	
23041616	11	7	
23041616	14	12	
23041616	16	8	
23041616	18	4	
23041616	20	4	
23041616			R 6830920
23041915	05A	19	
23041915	05B	39	
23041915			R 907564
23041983			RB 29516203
23041984			RB 29516204
23041989	33B	1	
23041989			R 23045754
23042785	30C	85	
23042786	30B	21	
23042786	30C	19	
23042986	28B	15	
23042986	30B	27	
23045065			RB 23048155
23045066			RB 29514166
23045094	21B	12	
23045094	SK	29547650	
23045094			R 6759135
23045105			RB 29512863
23045133	39A	28	
23045143			RB 23047275
23045144	39C	1	
23045144			R 23017042
23045156			R 6884084
23045156			RB 29528629
23045210	28A	13	
23045333	05A	10	***
23045334	05A	10	***
23045334			R 6770569
23045335	05A	10	
23045335			R 6774516
23045336	05A	10	
23045336			R 6837511
23045349	28A	5	
23045473	27A	1	***
23045474	27A	3	***
23045499	28A	13	
23045501	28A	5	
23045507	03	3	
23045507			R 6773946
23045507			R 6773947
23045747	30B	13	
23045747	30C	13	
23045747			R 6836340
23045748	30B	24	
23045748	30C	22	
23045754			RB 23041989
23045755			RB 29516202
23045756	30B	17	
23045756	30C	15	
23045757	30B	14	
23045757	30C	14	
23045794	28B	18	
23045801			RB 29529976
23045851			RB 23047276
23045874			RB 29509561
23045875			RB 29509562
23045876	28B	14	
23045876	SK	29547650	
23045878	28B	28	

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PART NO.	FIG NO.	REF NO.		HISTORY
23045904	35A	1		
23045944			R	6770630
23045944			RB	29544496
23045945			R	6770631
23045945			RB	29519116
23045949	03	13		
23045949			R	6770906
23045950	03	10		
23045950			R	6773381
23045952	03	13		
23045952			R	6770891
23045953	03	13		
23045953			R	6774931
23045954	03	10		
23045954			R	6774930
23045955	03	13		
23045955			R	6883520
23045956	03	10		
23045956			R	6883522
23045958			RB	23047278
23045986	39A	5		
23045986	39A	21		
23045987	39A	16		
23045987	39A	33		
23045988			RB	29503507
23045989	39A	9		
23045990	39A	3		
23045991	39A	10		
23045992	39A	11		
23045994	39A	12		
23045995	39A	15		
23045996	39A	4		
23045997	39A	23		
23045998	39A	19		
23045999	39A	22		
23046000	39A	20		
23046002	39A	30		
23046004	39A	25		
23046005	39A	2		
23046006	39A	14		
23046009	39A	32		
23046010	39A	31		
23046011	39A	8		
23046012	39A	37		
23046014	39A	29		
23046015	39A	36		
23046016	39A	35		
23046148	07	38		
23046148	SK	29544228		
23046148			R	23011619
23046161	39A	23		
23046167	30B	9		
23046169	30B	14		
23046169	30C	14		
23046170	30B	17		
23046170	30C	15		
23046428	03	2		
23046428			R	6773945
23046469	33A	10		
23046469	33B	16		
23046469	33D	14		
23046469	33E	22		
23046469	33F	9		
23046469	37	10		
23046470	33A	13		
23046470	33B	19		
23046470	37	13		
23046471	33A	14		
23046471	33B	20		
23046471	33D	23		
23046471	33E	31		
23046471	33F	15		
23046472	33A	12		
23046472	33B	18		
23046472	33D	19		
23046472	33E	27		
23046472	33F	13		
23046473	30B	22		
23046473	30C	20		
23046473	30C	86		
23046473	33A	9		
23046473	33A	11		
23046473	33B	15		
23046473	33B	17		
23046473	33D	13		
23046473	33D	18		
23046473	33E	21		
23046473	33E	26		
23046473	33F	10		
23046473	33F	14		
23046473	37	9		
23046474	28B	19		
23046475	30C	84		
23046476	30B	20		
23046476	30C	18		
23046486	39A	7		
23046487	39A	6		
23046565	39A	1		
23046587	33B	6		
23046587	33E	10		

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PART NO.	FIG NO.	REF NO.	HISTORY
23046588	33B	9	
23046588	33E	14	
23046589	33B	7	
23046589	33B	10	
23046589	33E	11	
23046589	33E	16	
23046599	39A	7	
23046680	39A	7	
23046684	39A	6	
23046685	39A	6	
23046687	39A	1	
23046688	39A	1	
23046730			RB 29510362
23046735	33A	5	
23046735	33B	11	
23046735	33D	9	
23046735	33E	17	
23046848	30C	26	
23047087	23	2	
23047087			R 6779082
23047088	17	10	
23047088			R 6779035
23047155	35A	1	
23047193	39C	15	
23047193	39D	13	
23047194	39D	13	
23047195	39C	13	
23047195	39D	11	
23047197	39C	23	
23047197	39D	23	
23047197			R 6839335
23047266	35A	1	
23047275	37	1	
23047275			R 23015143
23047275			R 23045143
23047276	37	1	
23047276			R 23045851
23047278	37	1	
23047278			R 23045958
23047279	35A	1	
23047280	35A	1	
23047344	35A	1	
23047804	39B	6	
23047904	39C	20	
23047904	39D	20	
23047957	22	23	
23047957	23	13	
23047957	25	50	
23047957			R 23041451
23047957			R 901314
23047977	25	20	
23047977	25	44	
23047977	25	68	
23047977			R 903313
23047980	25	27	
23047980	25	50	
23047980			R 29502710
23047980			R 903493
23047981	17	5	
23047981			R 905205
23047992	07	7	
23047992	07	46	
23047997	21A	23	
23047997	21B	3	
23047997			R 907626
23047999	07	86	
23047999	09	18	
23047999			R 907703
23048003	11	10	
23048003			R 907888
23048056	30B	7	
23048057			R 6839632
23048057			RB 29546336
23048058			R 6839633
23048058			RB 29546337
23048155	39B	1	
23048155			R 23045065
23048195			RB 6832138
23048225	35A	17	
23048498	04	10	
23048574			RB 29544499
23048613	03	3	
23048613			R 6769286
23048613			R 6770761
23048614	03	2	
23048614			R 6769277
23048635	09	7	
23048635			R 6770612
23048636	07	71	
23048643	09	6	
23048643			R 6770614
23048644	39C	1	
23048644			R 23013533
23048656	03	10	
23048656			R 6770911
23048657	03	10	
23048657			R 6770908
23048666			RB 29538505
23048852	35A	1	
23049131	21A	40	

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PART NO.	FIG NO.	REF NO.		HISTORY
23049131	21B	13		
23049131	22	38		
23049131			R	6838494
23049373			R	23018851
23049373			RB	29510910
23049374			R	23018852
23049374			RB	29510912
23049387			RB	29528533
23049388	30B	14		
25011193	27A	21	***	
25011193			R	5576200
25011269			R	5576474
25011269			RB	25011747
25011747			R	25011269
25011747			RB	29530556
29500034	21A	39		
29500034	21B	8		
29500034	22	36		
29500034	27A	7		
29500034	27B	14		
29500034	28B	12		
29501206	07	71		
29501209	04	8		
29501261			RB	29503658
29501262	05A	10		
29501462	07	33		
29501462	SK	29544228		
29501469			RB	23018950
29501499	39A	17		
29501499	39A	34		
29501499			R	9426920
29502383			RB	29529978
29502611	32	4		
29502612	32	2		
29502615	32	4		
29502616	32	2	***	
29502621	32	4		
29502622	32	2		
29502625	32	4		
29502626	32	2		
29502629	32	4		
29502630	32	2		
29502633	32	4		
29502634	32	2		
29502710			RB	23047980
29502761	32	4		
29502762	32	2		
29502944	39A	27		
29502944			R	23018906
29503131			RB	6880778
29503132			RB	6880776
29503151	29A	4	***	
29503257	35A	1		
29503383	07	28		
29503383	13	31		
29503383	21A	34		
29503383	39E	17		
29503507	39A	18		
29503507			R	23045988
29503508	39A	13		
29503508			R	141113
29503632	05A	21		
29503632	05B	43		
29503632			R	6774701
29503643	39C	18		
29503643	39D	16		
29503643			R	6835351
29503658			R	29501261
29503658			RB	29536876
29503803	07	63		
29503803	SK	29547650		
29503833			R	23018849
29503833			R	5575957
29503833			RB	29530556
29503834			R	23018842
29503834			RB	29530557
29503839			RB	29516205
29503843	07	27		
29503843	13	30		
29503843	21A	35		
29503849	05A	20	***	
29503850			R	6881826
29503850			RB	29536874
29503851			R	6881830
29503851			RB	29536872
29504513			RB	29504527
29504514			RB	29504528
29504515			RB	29504529
29504516			RB	29504530
29504527	32	4		
29504527			R	29504513
29504528	32	2		
29504528			R	29504514
29504529	32	4		
29504529			R	29504515
29504530	32	2		
29504530			R	29504516
29504541	32	4		
29504542	32	2		
29504543	32	4		

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PART NO.	FIG NO.	REF NO.		HISTORY
29504544	32	2		
29504547	32	4		
29504547			R	16080822
29504548	32	2		
29504551	32	4		
29504551			R	16080860
29504552	32	2		
29504553	32	4		
29504554	32	2		
29504579	32	4		
29504580	32	2		
29504581	32	4		
29504582	32	2		
29504591	32	4		
29504592	32	2		
29504605	32	4		
29504606	32	2		
29504621			RB	29514221
29504622	32	2		
29504651	32	4		
29504652	32	2		
29504653	32	4		
29504654	32	2		
29504669	32	4		
29504670	32	2		
29504693	32	4		
29504694	32	2		
29504695	32	4		
29504696	32	2		
29504705	32	4		
29504706	32	2		
29504739	32	4		
29504740	32	2		
29504743	32	4		
29504744	32	2		
29504745	32	4		
29504746	32	2		
29504767	32	4		
29504768	32	2		
29504775	32	4		
29504809	32	4		
29504810	32	2		
29504821	32	4		
29504822	32	2		
29504847			RB	29504893
29504877			RB	29514215
29504878	32	2		
29504887			RB	29504929
29504888	32	2		
29504889	32	4		
29504893	32	4		
29504893			R	29504847
29504894	32	2		
29504899	32	4		
29504900	32	2		
29504909			RB	29504929
29504910	32	2		
29504911			RB	29514247
29504912	32	2		
29504917			RB	29514217
29504918	32	2		
29504919			RB	29514219
29504920	32	2		
29504921	32	4		
29504922	32	2		
29504923			RB	29514223
29504924	32	2		
29504925			RB	29514225
29504926	32	2		
29504927			RB	29514227
29504928	32	2		
29504929	32	4		
29504929			R	29504887
29504929			R	29504909
29504930	32	2		
29504931			RB	29514231
29504932	32	2		
29504933			RB	29514233
29504934	32	2		
29504935			RB	29514235
29504936	32	2		
29504937			RB	29514237
29504938	32	2		
29504945			RB	29514229
29504946	32	2		
29504947			RB	29514239
29504948	32	2		
29505809	32	12		
29506141	31	5		
29506141	SK	29543240		
29506141			R	6770598
29506163	32	10		
29506165	32	11		
29506298	30C	95		
29507728	23	1		
29507728			R	903222
29507729	07	86		
29507729	09	18		
29507729			R	9440087
29507738	05A	10		

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PART NO.	FIG NO.	REF NO.		HISTORY
29507769	32	1		
29507769			R	23018845
29507770	32	1		
29507770			R	23018860
29507791	35B	1		
29507791			R	6834896
29508157	1-2	13		
29509460	35A	1	***	
29509511	33B	1		
29509512	33B	2		
29509513	33B	8		
29509561			R	23045874
29509561			RB	29527366
29509562			R	23045875
29509562			RB	29527367
29509637			RB	29543432
29509733			RB	9421651
29509734			RB	29525012
29509735	27B	3		
29509886	32	9		
29509889	32	9		
29509934	1-2	12	***	
29510362	39B	2		
29510362			R	23046730
29510838	1-1	1		
29510910	27B	7		
29510910			R	23049373
29510911	27B	28		
29510911	40B	6		
29510911	40B	10		
29510911			R	23040663
29510912	27B	27		
29510912	40B	5		
29510912	40B	9		
29510912			R	23049374
29510913	40B	2		
29510913			R	23018844
29510914	40B	2		
29510914			R	23018847
29510915	40B	1		
29510915			R	23018854
29510916	40B	7	***	
29510916			R	23018848
29511371	33F	4		
29511631	11	13		
29512264	15	24		
29512265	15	12		
29512834	15	2		
29512835	15	3		
29512836	15	11		
29512860	39E	39		
29512863	27B	8		
29512863			R	23045105
29513446			RB	29523167
29513447			RB	29528652
29513448	30C	7		
29513449			RB	29528651
29513451			RB	29527534
29513452			RB	29527535
29513453	30C	62		
29513453	30C	70		
29513453	30C	75		
29513454	30C	52		
29513454	30C	57		
29513456	30C	53		
29513456	30C	58		
29513456	30C	63		
29513456	30C	71		
29513456	30C	76		
29513457	30C	55		
29513457	30C	60		
29513457	30C	65		
29513458			RB	29530896
29513460	30C	81		
29513461	30C	69		
29513462	30C	67		
29513463	30C	99		
29513464	30C	98		
29513464	SK	29547650		
29513464	SK	29551732		
29513466			RB	29527537
29513467			RB	29528653
29513912	11	11		
29514166	39B	4		
29514166			R	23045066
29514215	32	4		
29514215			R	29504877
29514216	32	2		
29514217	32	4		
29514217			R	29504917
29514218	32	2		
29514219	32	4		
29514219			R	29504919
29514220	32	2		
29514221	32	4		
29514221			R	29504621
29514222	32	2		
29514223	32	4		
29514223			R	29504923
29514225	32	4		

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PART NO.	FIG NO.	REF NO.		HISTORY
29514225			R	29504925
29514226	32	2		
29514227	32	4		
29514227			R	29504927
29514228	32	2		
29514229	32	4		
29514229			R	29504945
29514230	32	2		
29514231	32	4		
29514231			R	29504931
29514232	32	2		
29514233	32	4		
29514233			R	29504933
29514234	32	2		
29514235	32	4		
29514235			R	29504935
29514236	32	2		
29514237	32	4		
29514237			R	29504937
29514238	32	2		
29514239	32	4		
29514239			R	29504947
29514240	32	2		
29514243	32	4		
29514244	32	2		
29514247	32	4		
29514247			R	29504911
29514248	32	2		
29514261	32	4		
29514262	32	2		
29514365	05B	23		
29514365			R	126000
29514476	15	24	***	
29514478	31	18		
29514478			R	6830409
29514503	SK	—		
29515102	1-1	3		
29515102			R	6768711
29515103	02	11		
29515103			R	6768687
29516036	32	9		
29516202	33A	1		
29516202			R	23045755
29516203	33A	1		
29516203			R	23041983
29516204	33A	1		
29516204			R	23041984
29516205	33A	1		
29516205			R	29503839
29516444	39A	7		
29516445	39A	7		
29516446	39A	6		
29516447	39A	6		
29516450	39A	1		
29516451	39A	1		
29518544	31	23		
29518544	SK	29543240		
29518544			R	6770855
29518545	31	20		
29518545			R	6769938
29519116			R	23045945
29519116			RB	29544497
29519129	27B	29		
29519856	39A	1		
29519858	39A	6		
29519859	39A	7		
29520043	26A	6		
29520044	26A	13		
29520046	26A	14		
29520046	SK	29547650		
29520047	26A	15		
29521241	03	13		
29521871			R	6839122
29521871			RB	29540468
29522431	03	10		
29523167	30C	2		
29523167			R	29513446
29524157	32	4		
29524158	32	2		
29524185			RB	29532751
29524186			RB	29532752
29524203	32	4		
29524204	32	2		
29524207	32	4		
29524208	32	2		
29524652	30B	32		
29524652	30C	30		
29524652			R	110535
29525012	27A	3		
29525012	27A	5		
29525012	27B	4		
29525012			R	29509734
29525012			R	433142
29525019	21A	5		
29525019			R	6832929
29525020	21A	2		
29525020			R	6832928
29525021	21B	11		
29525021			R	6832697
29525024	26A	24		

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PART NO.	FIG NO.	REF NO.		HISTORY
29525024			R	6769790
29525025	26A	23		
29525025			R	6769796
29525026	26A	3		
29525026			R	6758438
29525027	26A	2		
29525027			R	6758474
29525028	26A	3		
29525029	26A	2		
29525030	29A	10		
29525030			R	6880439
29525031			R	6880441
29525031			RB	29543252
29525032			R	23018482
29525032			RB	29543253
29525033	29B	11	***	
29525034	29B	6		
29525034			R	23014995
29525039	27A	9		
29525039	27B	15		
29525039			R	23010426
29525039			R	6770357
29525040	27A	6		
29525040	27B	12		
29525040			R	23017550
29525041			R	23017430
29525041			RB	29537272
29525042			R	23017432
29525042			RB	29537274
29525043			R	23017434
29525043			RB	29537273
29525044	28A	17		
29525044	28B	13		
29525044	30B	52		
29525044	30C	50		
29525046	07	18		
29525048			RB	29542780
29525049	22	37		
29525049	26A	19		
29525049	26A	26		
29525050	07	21		
29525051	07	19		
29527113	21B	9		
29527113			R	6832696
29527366	28B	11		
29527366			R	29509561
29527367	28B	5		
29527367			R	29509562
29527480	07	20		
29527534			R	29513451
29527534			RB	29540470
29527535			R	29513452
29527535			RB	29540471
29527536	30C	90		
29527537			R	29513466
29527537			RB	29539650
29528533	28B	5		
29528533			R	23049387
29528534	28A	6		
29528534			R	6770671
29528554	39F	6		
29528555	39F	5		
29528555	39G	5		
29528556	39F	12		
29528556	39G	12		
29528558	39E	9		
29528558	39F	7		
29528558	39G	7		
29528559	39F	10		
29528559	39G	10		
29528560	39E	10		
29528560	39E	23		
29528560	39F	11		
29528560	39G	11		
29528560	39J	8		
29528580	33D	15		
29528580	33D	20		
29528580	33D	24		
29528580	33E	23		
29528580	33E	28		
29528580	33E	32		
29528580	33F	12		
29528580	33F	16		
29528580	33F	17		
29528618	28A	5		
29528618			R	6770683
29528619	28A	5	***	
29528619			R	6771192
29528620	28A	6		
29528620	28A	6	***	
29528620			R	6771131
29528621	30B	51		
29528621			R	6884779
29528622	30B	50		
29528622			R	6884780
29528623			R	23014414
29528623			RB	29541403
29528624			R	6884480
29528624			RB	29541404
29528625			R	23012899

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PART NO.	FIG NO.	REF NO.		HISTORY
29528625			RB	29541402
29528626	22	31		
29528626			R	6834894
29528627	22	29		
29528627			R	6834893
29528628	22	31		
29528628			R	23017578
29528629	22	29		
29528629			R	23045156
29528648	30B	9		
29528648			R	6884478
29528648			RB	29541401
29528650	30C	7		
29528651	30C	8		
29528651			R	29513449
29528652	30C	6		
29528652			R	29513447
29528653			R	29513467
29528653			RB	29544285
29528771	39E	18		
29528772	39E	45		
29528773	39E	20		
29528786	39E	41		
29528787	39E	38		
29528787	39J	3		
29528789	39E	34		
29528789	39J	7		
29528790	39E	33		
29528791	39E	5		
29528792	39E	5		
29528794	39E	7		
29528795	39E	6		
29528798	39E	35		
29528798	39E	36		
29528799	39E	35		
29528799	39E	36		
29528800	39J	10		
29528804	39E	2		
29528804	39J	10		
29528806	39E	2		
29528806	39J	10		
29528808	39E	2		
29528808	39J	10		
29528810	39J	10		
29528812	39J	10		
29529029			RB	29532749
29529030			RB	29532750
29529031			RB	29529077
29529032			RB	29529078
29529045			RB	29534599
29529046			RB	29534600
29529051	32	4		
29529052	32	2		
29529077	32	4		
29529077			R	29529031
29529078	32	2		
29529078			R	29529032
29529079	32	4		
29529080	32	2		
29529081			RB	29532753
29529082			RB	29532754
29529654	SK	—		
29529657	27B	5		
29529657	27B	25		
29529657	40B	3		
29529961	39F	21		
29529961	39G	21		
29529961	39H	6		
29529964	39E	11		
29529965	39E	16		
29529966	39E	22		
29529967	39E	21		
29529975	39E	12		
29529976			R	23045801
29529976			RB	29541405
29529978			R	29502383
29529978			RB	29541407
29530100	23	3		
29530100			R	23041515
29530472	39E	24		
29530472	39F	9		
29530472	39G	9		
29530475	39E	25		
29530475	39F	13		
29530475	39G	13		
29530556	27A	18		
29530556	27B	1		
29530556			R	25011747
29530556			R	29503833
29530557	27B	24		
29530557			R	29503834
29530896			R	29513458
29530896			RB	29540469
29532732	39E	32		
29532733	39E	43		
29532734	39E	42		
29532735	39E	14		
29532736	39E	13		
29532738	39E	44		
29532749	32	4		

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PART NO.	FIG NO.	REF NO.		HISTORY
29532749			R	29529029
29532750	32	2		
29532750			R	29529030
29532751	32	4		
29532751			R	29524185
29532752	32	2		
29532752			R	29524186
29532753	32	4		
29532753			R	29529081
29532754	32	2		
29532754			R	29529082
29532755	32	4		
29532756	32	2		
29532757	32	4		
29532758	32	2		
29532759			RB	29534583
29532760			RB	29534584
29532761			RB	29534613
29532762			RB	29534614
29532763	32	4		
29532764	32	2		
29533079	39E	4		
29533080	39E	4		
29533088	10B	9		
29533088			R	6839106
29533089	10B	7		
29533089			R	6839111
29533227	33B	1		
29533228	33B	2		
29533229	33B	8		
29533972	35A	1		
29534579			RB	29534581
29534580			RB	29534582
29534581	32	4		
29534581			R	29534579
29534582	32	2		
29534582			R	29534580
29534583	32	4		
29534583			R	29532759
29534584	32	2		
29534584			R	29532760
29534585	32	4		
29534586	32	2		
29534587	32	4		
29534588	32	2		
29534589	32	4		
29534590	32	2		
29534599	32	4		
29534599			R	29529045
29534600	32	2		

PART NO.	FIG NO.	REF NO.		HISTORY
29534600			R	29529046
29534613	32	4		
29534613			R	29532761
29534614	32	2		
29534614			R	29532762
29534623	32	4		
29534624	32	2		
29534625	32	4		
29534626	32	2		
29534627	32	4		
29534628	32	2		
29535225			RB	29538025
29535635			RB	6832037
29535907	32	13		
29535908	32	13		
29535937	39F	3		
29535937	39G	3		
29535947	39E	15		
29535948	39E	19		
29535951	39E	19		
29535952	32	6		
29535979	39E	8		
29536124	17	7		
29536124			R	6836673
29536132	32	8		
29536133	32	7		
29536292	03	13		
29536293	03	10		
29536396	21A	27		
29536480	28B	5		
29536509	28B	18		
29536510	30C	15		
29536511	30C	14		
29536514	30B	14		
29536514	30C	14		
29536515	30B	17		
29536515	30C	15		
29536604	39E	40		
29536639			RB	29538133
29536640			RB	29538134
29536641	32	4		
29536642	32	2		
29536643	32	4		
29536644	32	2		
29536657	32	4		
29536658	32	2		
29536685	39E	37		
29536686	39E	NI		
29536773	10A	4		
29536843	28A	19		

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PART NO.	FIG NO.	REF NO.		HISTORY
29536843			R	5620807
29536872	05A	20		
29536872	05B	40		
29536872			R	29503851
29536874	05A	20		
29536874			R	29503850
29536876	05A	20		
29536876			R	29503658
29536893	21A	26		
29536925	39E	3		
29536925	39F	2		
29536925	39G	2		
29536926			RB	29538376
29536927	39E	1		
29536928	39E	1		
29536929	39E	1		
29536930	39E	1		
29536931	39E	1		
29536932	39E	1		
29536933	39E	1		
29536934	39E	1		
29536935	39E	1		
29536936	39E	2		
29536936	39J	10		
29536937	39E	2		
29536937	39J	10		
29536938	39E	2		
29536938	39J	10		
29536939	39E	2		
29536940	39E	2		
29536940	39J	10		
29536988	07	30		
29536988	13	32		
29536988	21A	37		
29537234	19	4		
29537234			R	6775699
29537235	05A	8		
29537235			R	6758485
29537242	37	8		
29537262	39F	4		
29537262	39G	4		
29537272	07	11		
29537272			R	29525041
29537273	07	10		
29537273			R	29525043
29537274	07	10		
29537274			R	29525042
29537277	04	7		
29537277			R	23016057
29537300			RB	29538351
29537392	37	14		
29537419	11	1		
29537419			R	6758422
29537420	11	1		
29537420			R	6759132
29537423	13	7		
29537423			R	23017507
29537424	13	10		
29537424			R	23017501
29537447	13	10		
29537447			R	23017502
29537448	13	7		
29537448			R	23017508
29537449	10B	4		
29537450	10A	2		
29537506	28B	11		
29537606	37	8		
29537607	37	11		
29537703	33D	1		
29537704	33D	1		
29537705	33D	1		
29537706	33D	1		
29537708	33E	1		
29537709	33E	2		
29537710	33E	13		
29537711	33E	1		
29537712	33E	2		
29537713	33E	13		
29537714	33E	1		
29537715	33E	2		
29537716	33E	13		
29537717	33E	1		
29537718	33E	2		
29537719	33E	13		
29537720	33E	1		
29537721	33E	2		
29537722	33E	13		
29537723	33E	1		
29537724	33E	13		
29537974	33E	1		
29537975	33E	13		
29537976	33E	1		
29537977	33E	2		
29537978	33E	13		
29538025	39F	8		
29538025	39G	8		
29538025			R	29535225
29538031	33E	1		
29538032	33E	1		
29538033	33E	2		

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PART NO.	FIG NO.	REF NO.	HISTORY	
29538033	33E	13		
29538034	33E	13		
29538035	33E	13		
29538113	32	4		
29538114	32	2		
29538133	32	4		
29538133			R	29536639
29538134	32	2		
29538134			R	29536640
29538149	32	4		
29538150	32	2		
29538351			R	29537300
29538351			RB	29541150
29538376	39F	1		
29538376			R	29536926
29538430	33E	10		
29538431	33E	11		
29538431	33E	16		
29538432	33E	14		
29538433	33E	1		
29538434	33E	2		
29538435	33E	13		
29538454	03	11		
29538454			R	5166664
29538481	22	4		
29538481			R	23016024
29538482	24	11		
29538482			R	23016023
29538505	05A	6		
29538505			R	23048666
29538505			R	29543182
29538506	05A	6		
29538506			R	29543183
29538506			R	6830599
29538507	05A	6		
29538507			R	23019639
29538507			R	29543184
29538507			RB	29544569
29538541			RB	29541288
29538548	17	21		
29538548	19	4		
29538548			R	6758505
29538549			R	6835734
29538549			RB	29541002
29539004	06	8		
29539004	07	5		
29539555	30C	87		
29539650			R	29527537
29539650			RB	29541290
29539651			RB	29541291
29539661	33E	1		
29539662	33E	2		
29539663	33E	13		
29539703	32	4		
29539704	32	2		
29539705	32	4		
29539706	32	2		
29539707	32	4		
29539708	32	2		
29539719	32	4		
29539720	32	2		
29540468	30C	56		
29540468	30C	61		
29540468	30C	66		
29540468	30C	74		
29540468	30C	79		
29540468			R	29521871
29540469	30C	80		
29540469	SK	29547650		
29540469			R	29530896
29540470			R	29527534
29540470			RB	29544190
29540471			R	29527535
29540471			RB	29544189
29540984	39F	20		
29540984	39G	20		
29540984	39H	7		
29540984			R	271170
29541002	30C	66		
29541002	30C	74		
29541002	30C	79		
29541002			R	29538549
29541003	39G	6		
29541005	39G	1		
29541006	39E	1		
29541130	39J	10		
29541131	39J	10		
29541150			R	29538351
29541150			RB	29541226
29541226			R	29541150
29541226			RB	29543300
29541287	30C	9		
29541288	30C	9		
29541288			R	29538541
29541289	30C	9		
29541290	30C	9		
29541290			R	29539650
29541291	30C	9		
29541291			R	29539651
29541382	30B	59		

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PART NO.	FIG NO.	REF NO.		HISTORY
29541382	30B	65		
29541382	30B	71		
29541382	30B	77		
29541384	30B	78		
29541384	SK	29547650		
29541384	SK	29551734		
29541385	30B	79		
29541401	30B	9		
29541401			R	29528648
29541402	30B	9		
29541402			R	29528625
29541403	30B	9		
29541403			R	29528623
29541404	30B	9		
29541404			R	29528624
29541405	30B	9		
29541405			R	29529976
29541407	30B	9		
29541407			R	29529978
29541529	03	13		
29541590	30C	83		
29541590			R	12092420
29541816	03	10		
29541907	39J	10		
29541911	39H	3		
29541913	39J	10		
29541915	39J	10		
29541916	39J	5		
29541929	39J	4		
29541936	39J	5		
29541937	39J	3		
29541938	39J	11		
29541939	39J	11		
29541940	39J	11		
29541941	39J	11		
29541942	39J	11		
29541943	39J	11		
29541949	39H	5		
29541949	39J	9		
29541968	39J	11		
29541969	39J	11		
29541970	39J	11		
29541971	39J	11		
29541972	39J	11		
29541978	39J	12		
29541979	39J	10		
29542098	07	29		
29542098	13	33		
29542098	21A	36		
29542098			R	179812
29542419	27B	24		
29542425	32	4		
29542426	32	2		
29542705	40A	3		
29542706	40A	3		
29542780	07	23		
29542780	29A	7		
29542780	29B	12		
29542780	29B	15		
29542780			R	29525048
29542984	17	11		
29542984			R	6831150
29542985	17	16		
29542985			R	6758540
29543182			RB	29538505
29543183			RB	29538506
29543184			RB	29538507
29543240	SK	—		
29543251	29A	17		
29543252	29A	6		
29543252			R	29525031
29543253	29A	6		
29543253			R	29525032
29543293	33E	1		
29543294	33E	13		
29543300	32	5		
29543300			R	29541226
29543432	07	26		
29543432	13	29		
29543432	21A	33		
29543432			R	29509637
29543975	33D	1		
29543999	21A	6		
29543999			R	2222424
29544069	33E	13		
29544070	33E	1		
29544163	30B	14		
29544164	30B	14		
29544165	30B	17		
29544167	30B	17		
29544174	33E	2		
29544175	33E	13		
29544176	33E	1		
29544178	30B	28		
29544188	22	26		
29544188			R	29544512
29544189	30C	49		
29544189			R	29540471
29544190	30C	48		
29544190			R	29540470

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PART NO.	FIG NO.	REF NO.		HISTORY
29544227	07	41		
29544227	SK	29544228		
29544227	SK	29544234		
29544227			R	6837129
29544228	07	32		
29544228	SK	—		
29544228			R	6838413
29544229	20	9		
29544234	07	40		
29544234	SK	—		
29544240	33E	2		
29544241	33E	13		
29544242	33E	1		
29544251	28B	18		
29544252	28B	5		
29544253	30B	17		
29544254	30B	14		
29544255	30B	9		
29544257	30B	9		
29544258	30B	17		
29544259	30B	14		
29544263	28B	19		
29544264	30C	84		
29544265	30B	20		
29544265	30C	18		
29544285	30C	7		
29544285			R	29528653
29544480	17	3		
29544480			R	6831152
29544481	17	2		
29544481			R	6831151
29544493	30B	11		
29544493	30C	11		
29544493			R	9427847
29544496	02	12		
29544496			R	23045944
29544497	02	7		
29544497			R	29519116
29544498	04	7		
29544498			R	6774130
29544499	04	7		
29544499			R	23048574
29544500	07	71		
29544500	SK	29547655		
29544500	SK	29547706		
29544501	07	71		
29544502	07	71		
29544508	28A	20		
29544508			R	6835635
29544512			R	23015482
29544512			RB	29544188
29544515	27A	22		
29544515	SK	29547650		
29544515			R	5577310
29544516	27A	23		
29544516	SK	29547650		
29544516			R	5573960
29544517	27A	19		
29544517	SK	29547650		
29544517			R	5577427
29544518	27A	20		
29544518	SK	29547650		
29544518			R	5577428
29544519	05A	19		
29544519	SK	29547655		
29544519	SK	29547706		
29544520	05A	15		
29544520	SK	29547655		
29544520	SK	29547706		
29544521	05A	9		
29544521	SK	29547655		
29544521	SK	29547706		
29544524	05A	5		
29544524	SK	29547655		
29544524	SK	29547706		
29544529	04	4		
29544530	04	5		
29544531	07	82		
29544532	07	83		
29544538	05A	7		
29544538	SK	29547655		
29544538	SK	29547706		
29544548	05A	21		
29544548	SK	29547655		
29544548	SK	29547706		
29544557	40A	1		
29544557			R	6838454
29544559	05A	4		
29544559	SK	29547655		
29544559	SK	29547706		
29544561	21A	10		
29544561	24	22		
29544561	SK	29547650		
29544561			R	2222651
29544567	05A	6		
29544567	SK	29547655		
29544567	SK	29547706		
29544569	05A	6		
29544569			R	29538507
29544570	04	3		

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PART NO.	FIG NO.	REF NO.		HISTORY
29545020	02	14		
29545291	33E	1		
29545292	33E	2		
29545538	32	24		
29545909	33A	3		
29545909	33B	4		
29545909			R	12034406
29546171	39H	2		
29546176	39J	1		
29546177	39J	1		
29546178	39J	1		
29546179	39J	1		
29546180	39J	1		
29546181	39J	1		
29546182	39J	1		
29546183	39J	1		
29546184	39J	1		
29546185	39J	1		
29546186	39J	2		
29546187	39J	6		
29546193	39J	1		
29546194	39J	1		
29546195	39J	2		
29546196	39J	6		
29546197	39J	1		
29546198	39J	1		
29546199	39J	1		
29546200	39J	1		
29546201	39J	1		
29546202	39J	2		
29546203	39J	6		
29546204	39J	1		
29546205	39J	2		
29546206	39J	6		
29546215	39H	1		
29546336	30B	6		
29546336	SK	29547650		
29546336	SK	29551734		
29546336			R	23048057
29546337	30B	8		
29546337	SK	29547650		
29546337	SK	29551734		
29546337			R	23048058
29546988	33F	1		
29547615	07	70		
29547615	SK	29547650		
29547615	SK	29547655		
29547615	SK	29547706		
29547616	30A	1		
29547616	30B	1		
29547616	30C	1		
29547616	SK	29547650		
29547616	SK	29551732		
29547616	SK	29551734		
29547616			R	6777974
29547636	30B	47		
29547644	07	81		
29547645	SK	29547650		
29547647	33F	1		
29547650	SK	—		
29547651	30C	8		
29547651	SK	29547650		
29547651	SK	29551732		
29547652	30C	6		
29547652	SK	29547650		
29547652	SK	29551732		
29547653	07	80		
29547653	SK	29547655		
29547654	07	80		
29547654	SK	29547706		
29547655	SK	—		
29547657	39J	11		
29547658	39J	11		
29547659	39H	8		
29547659	39J	13		
29547660	39J	1		
29547661	39J	1		
29547662	39J	1		
29547663	39J	1		
29547664	39H	4		
29547665	39H	2		
29547666	39H	1		
29547667	39H	1		
29547668	39H	1		
29547669	28B	18		
29547670	28B	5		
29547671	30C	81		
29547674	30B	17		
29547675	30C	15		
29547681	SK	29547650		
29547681	SK	29551732		
29547681	SK	29551734		
29547684	30B	14		
29547685	30C	14		
29547689	30C	9		
29547691	30B	9		
29547706	SK	—		
29547707	33F	1		
29549395	39H	4		
29549432	1-1	8		

R – Replaces RB – Replaced By *** – No Longer Available From Allison Transmission. NI – Not Illustrated.

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PART NO.	FIG NO.	REF NO.		HISTORY
29549433	1-2	14		
29549434	1-1	8		
29549435	1-2	14		
29549470	04	8		
29549470	SK	29547655		
29549470	SK	29547706		
29549478	30B	9		
29549654	33F	3		
29550073	33F	2		
29550075	33F	5		
29550077	33F	6		
29550078	33F	8		
29550079	33F	7		
29551675	30B	9		
29551732	SK	—		
29551733	30B	9		
29551734	SK	—		
29552652	08	14		
29552652	08	25		
29552652			R	148415
NPN	33F	11		
NPN	33F	18		

NI

R – Replaces RB – Replaced By *** – No Longer Available From Allison Transmission. NI – Not Illustrated.

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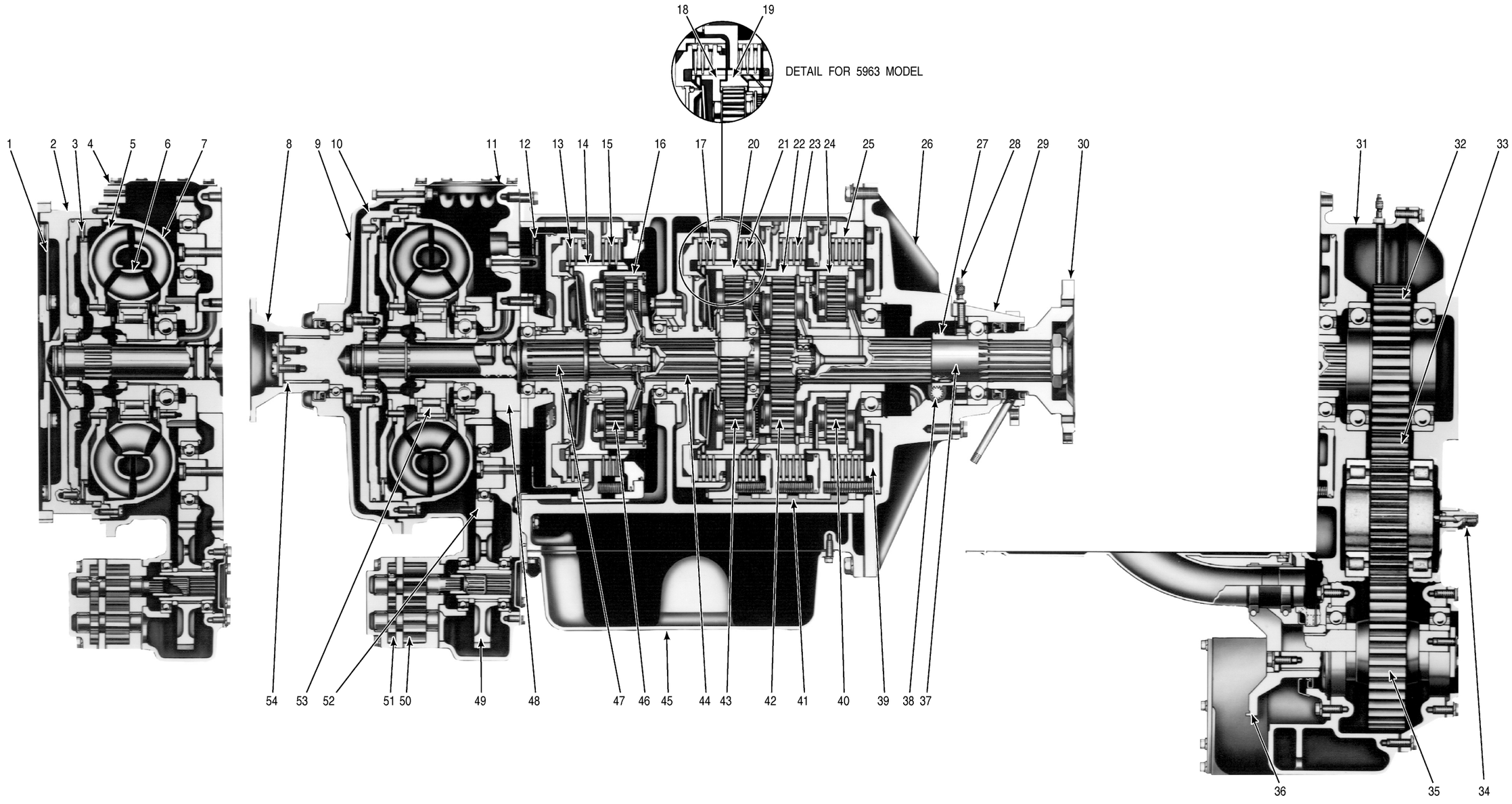
Legend for Foldout 1 Is On The Opposite Side Of This Page.

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Legend for Foldout 1

(1) – Flexplate assembly
(2) – Flywheel
(3) – Lockup clutch
(4) – Converter housing
(5) – Torque converter turbine
(6) – Torque converter stator
(7) – Torque converter pump
(8) – Input flange
(9) – Converter housing front cover
(10) – Torque converter drive housing
(11) – PTO cover
(12) – Pitot tube
(13) – Splitter-low clutch
(14) – Splitter clutch hub
(15) – Splitter-high clutch
(16) – Splitter ring gear
(17) – High-range clutch
(18) – High-range clutch hub
(19) – Intermediate-range ring gear
(20) – High- and Intermediate-range ring gear
(21) – Intermediate-range clutch
(22) – Low-range ring gear
(23) – Low-range clutch
(24) – Reverse-range ring gear
(25) – Reverse-range clutch
(26) – Rear cover
(27) – Speedometer drive gear
(28) – Magnetic pickup
(29) – Rear bearing retainer
(30) – Output flange
(31) – Transfer gear housing
(32) – Transfer drive gear
(33) – Transfer idler gear
(34) – Speedometer drive
(35) – Transfer driven gear
(36) – Output flange
(37) – Output shaft
(38) – Speedometer driven gear
(39) – Reverse-range clutch piston
(40) – Reverse-range planetary pinion gear
(41) – Main housing
(42) – Low-range planetary pinion gear
(43) – Intermediate-range planetary pinion gear
(44) – Splitter output shaft
(45) – Oil pan
(46) – Splitter planetary pinion gear
(47) – Turbine shaft
(48) – Converter ground sleeve
(49) – Oil pump drive gear
(50) – Input pump
(51) – Scavenge pump
(52) – Oil pump drive idler gear
(53) – Freewheel roller
(54) – Torque converter turbine drive hub

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H01253.03

Foldout 1. CLT 5000/6000 Series Transmission - Cross Section

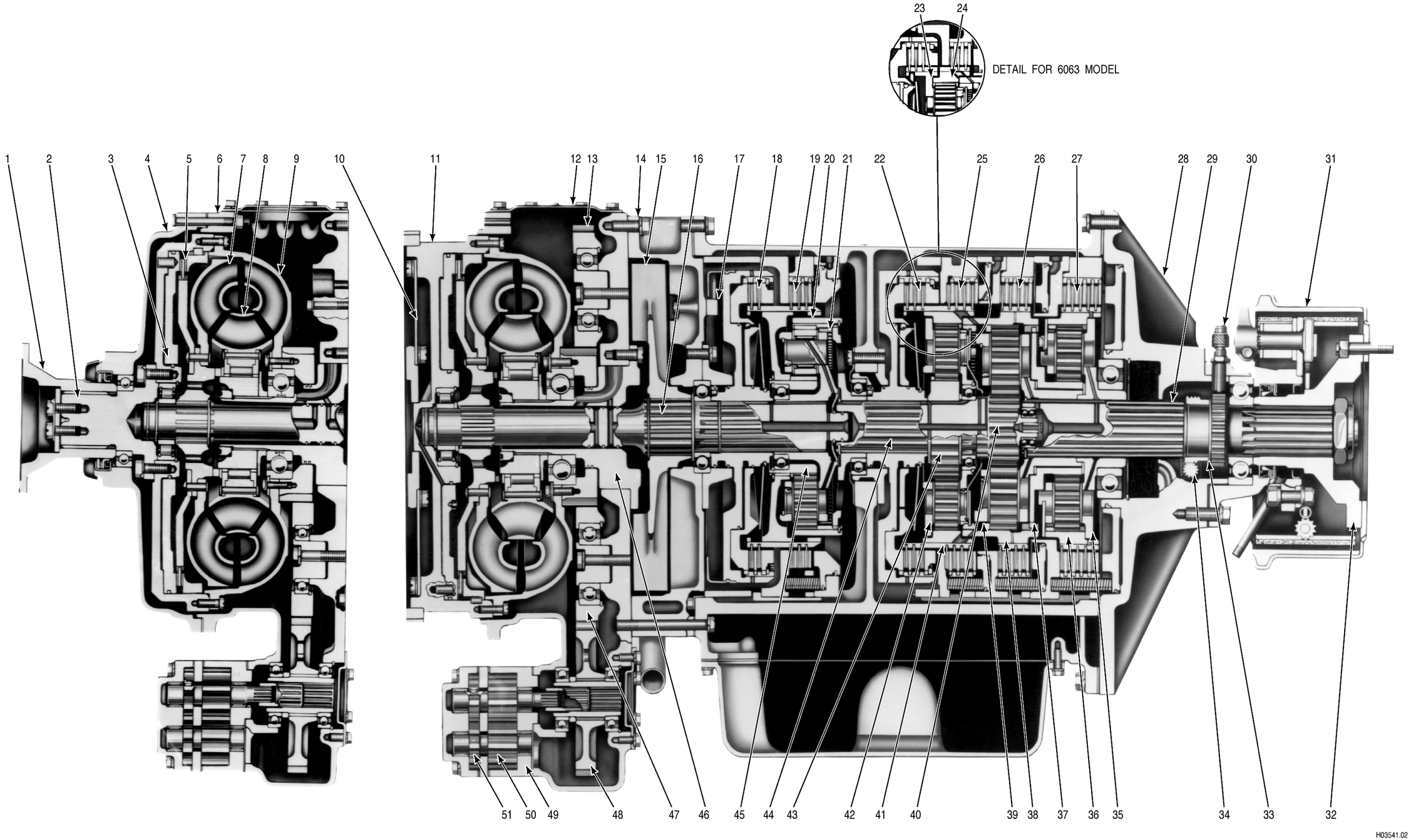
Legend for Foldout 2 Is On The Opposite Side Of This Page.

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Legend for Foldout 2

(1) – Input flange
(2) – Torque converter drive hub
(3) – Torque converter drive housing
(4) – Converter housing front cover
(5) – Lockup clutch
(6) – Converter housing
(7) – Torque converter turbine
(8) – Torque converter stator
(9) – Torque converter pump
(10) – Flexplate assembly
(11) – Flywheel
(12) – PTO cover
(13) – PTO drive gear
(14) – Retarder housing
(15) – Retarder rotor
(16) – Turbine shaft
(17) – Pitot tube
(18) – Splitter-low clutch
(19) – Splitter-high clutch
(20) – Splitter ring gear
(21) – Splitter planetary carrier
(22) – High-range clutch
(23) – High-range clutch hub
(24) – Intermediate-range ring gear
(25) – Intermediate-range clutch
(26) – Low-range clutch
(27) – Reverse-range clutch
(28) – Rear cover
(29) – Output shaft
(30) – Magnetic pickup
(31) – Parking brake
(32) – Output flange
(33) – Speedometer drive gear
(34) – Speedometer driven gear
(35) – Reverse-range planetary carrier
(36) – Reverse-range ring gear
(37) – Reverse-range sun gear
(38) – Low-range ring gear
(39) – Low-range planetary carrier
(40) – Low-range sun gear
(41) – High- and Intermediate-range ring gear
(42) – Intermediate-range planetary carrier
(43) – Intermediate-range sun gear
(44) – Splitter output shaft
(45) – Splitter sun gear
(46) – Converter ground sleeve
(47) – Oil pump drive idler gear
(48) – Oil pump drive gear
(49) – Oil pump assembly
(50) – Input pump
(51) – Scavenge pump

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Foldout 2. CLBT 5000/6000 Series Transmission - Cross Section

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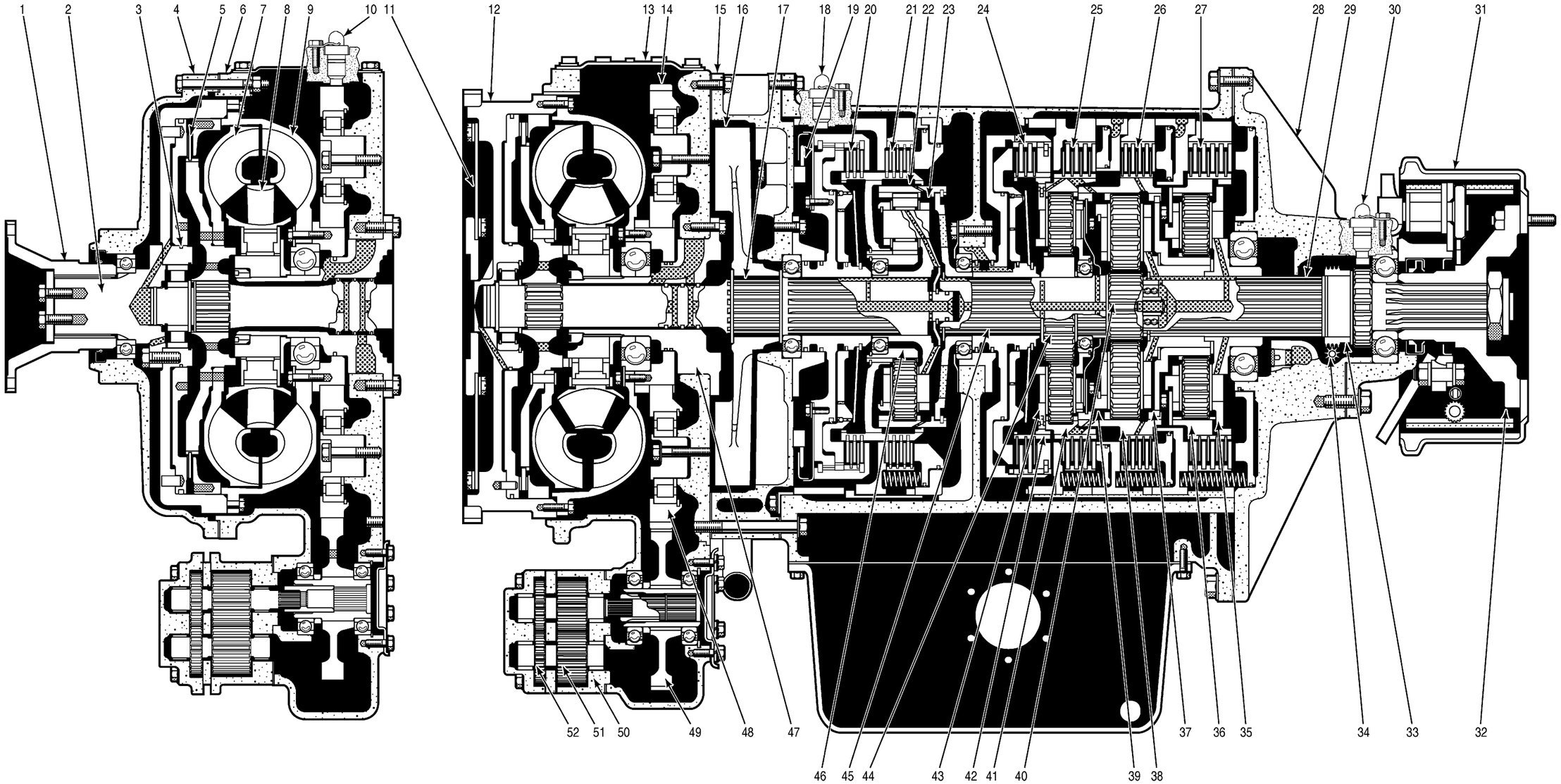
Legend for Foldout 3 Is On The Opposite Side Of This Page.

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Legend for Foldout 3

(1) – Input flange
(2) – Torque converter drive hub
(3) – Torque converter drive housing
(4) – Converter housing front cover
(5) – Lockup clutch
(6) – Converter housing
(7) – Torque converter turbine
(8) – Torque converter stator
(9) – Torque converter pump
(10) – Engine speed sensor
(11) – Flexplate assembly
(12) – Flywheel
(13) – PTO cover
(14) – PTO drive gear
(15) – Retarder housing
(16) – Retarder rotor
(17) – Turbine shaft
(18) – Turbine speed sensor
(19) – Pitot tube
(20) – Splitter-low clutch
(21) – Splitter-high clutch
(22) – Splitter ring gear
(23) – Splitter planetary carrier
(24) – High-range clutch
(25) – Intermediate-range clutch
(26) – Low-range clutch
(27) – Reverse-range clutch
(28) – Rear cover
(29) – Output shaft
(30) – Output speed sensor
(31) – Parking brake
(32) – Output flange
(33) – Speedometer drive gear
(34) – Speedometer driven gear
(35) – Reverse-range planetary carrier
(36) – Reverse-range ring gear
(37) – Reverse-range sun gear
(38) – Low-range ring gear
(39) – Low-range planetary carrier
(40) – Low-range sun gear
(41) – Intermediate-range ring gear
(42) – High-range clutch hub
(43) – Intermediate-range planetary carrier
(44) – Intermediate-range sun gear
(45) – Splitter output shaft
(46) – Splitter sun gear
(47) – Converter ground sleeve
(48) – Oil pump drive idler gear
(49) – Oil pump drive gear
(50) – Oil pump assembly
(51) – Input pump
(52) – Scavenge pump

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Foldout 3. M/S 5000/6000 Series Transmission - Cross Section

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