

**Parts
Catalog**

11-B
(DIRECT DRIVE)
CRAWLER TRACTOR

S/N 16C16001-UP



FORM 70677388
(SAME AS 0677388-1)

AVOID ACCIDENTS

Most accidents, whether they occur in industry, on the farm, at home or on the highway, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason **MOST ACCIDENTS CAN BE PREVENTED** by recognizing the real cause and doing something about it before the accident occurs.

Regardless of the care used in the design and construction of any type of equipment there are many conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

A careful operator is the best insurance against an accident.
The complete observance of one simple rule would prevent many thousand serious injuries each year.
That rule is:

Never attempt to clean, oil or adjust a machine while it is in motion.

NATIONAL SAFETY COUNCIL

WARNING

On machines having hydraulically, mechanically, and/or cable controlled equipment (such as shovels, loaders, dozers, scrapers, etc.) be certain the equipment is lowered to the ground before servicing, adjusting and/or repairing. If it is necessary to have the hydraulically, mechanically, and/or cable controlled equipment partially or fully raised to gain access to certain items, be sure the equipment is suitably supported by means other than the hydraulic lift cylinders, cable and/or mechanical devices used for controlling the equipment.

Identical to First Printing (3-71). Includes Supplement No. 1 (2-74) and information as released thru Parts Bulletin TPSD-142 (6-74).

N O T I C E

Allis-Chalmers Corporation and Fiat S. p. A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify Fiat-Allis Construction Machinery, Inc. or your Fiat-Allis dealer.

Also, for this new enterprise, a new series of 8 - digit part numbers is in effect. This change is accomplished by eliminating the "check digit" wherever it may appear, and then, to this basic part number, prefixing a "7" (or "7" plus one or more zeros) to make a full 8-digit part number.

Examples:

667367	becomes	70667367
0688917-4	becomes	<u>7</u> 0688917
3060101-7	becomes	<u>7</u> 3060101

All part numbers listed herein must be changed per the above formula before ordering.

ADDITIONAL PUBLICATIONS AVAILABLE
FOR
MODEL HD-11 SERIES B DIRECT DRIVE
EFFECTIVE TRACTOR S/N 16C16001-UP

(See NOTE below)

<u>DESCRIPTION</u>	<u>SERIAL NO.</u>	<u>FORM NO.</u>			
	ENGLISH	ESPAÑOL (Spanish)	FRANÇAIS (French)	PORTUGUES (Portuguese)	
<u>PARTS CATALOGS</u>					
Crawler Tractor - - - - - All	70677388				
Accessories: Dozers, 11R Ripper and Hydraulics - - - - - All	70688015				
Injection Pump - - - - - All	70690916				
Ripper (11R) - - - - - All	70677239				
<u>OPERATORS MANUAL</u>					
HD-11 Series B Direct Drive - - - All	70677389				
<u>SERVICE MANUALS</u>					
Dozer and Ripper - - - - - All	70680613				
Engine - - - - - All	70645121	70650410	70650412	70650411	
Transmission, Bevel Gear, Drive Shaft U-Joint - - - - - All	70649913				
Final Drive - - - - - All	70682019	70656636	70685193	70656637	
Injection Nozzles and Holders - - All	70682797				
Injection Pump - - - - - All	70681649				
Steering Clutches and Brakes - - All	70654795	70659067	70659069	70659068	
Turbocharger - - - - - All	70687805				

NOTICE

CONSULT FIAT-ALLIS DEALER FOR PUBLICATIONS.

SEE TECHNICAL PUBLICATIONS INDEX (Form 70658800)
FOR ALL AVAILABLE PUBLICATIONS.

PUBLICATIONS INDEX (FORM 70658800) IS AVAILABLE
FREE FROM YOUR DEALER.

IMPORTANT

All parts listed herein, which have no specific usage indicated, are applicable to all models. Those parts which are used only on specific models are so indicated.

Attaching parts such as bolts, nuts, rivets, screws, washers, etc., are indented immediately following the parts which they attach.

Parts indicated with a square (□) are also available in packaged sets. Refer to section titled "PACKAGED PARTS".

The terms "right" and "left" used throughout this parts catalog are determined by facing the direction of forward travel.

INSTRUCTIONS FOR ORDERING PARTS

At the time this parts catalog was published the listed part numbers were current. It is our policy to constantly improve our machines and therefore, part numbers and design may change. When ordering parts, verify part numbers through your dealer's parts catalog which is up to date with all latest part numbers.

Order parts from the dealer covering the local territory.

ALWAYS GIVE THE MODEL AND SERIAL NUMBER OF MACHINE. IF PARTS ARE FOR AN ASSEMBLY WHICH HAS A MODEL AND/OR SERIAL NUMBER (SUCH AS ENGINE ASSEMBLY, PUMP ASSEMBLY), ALSO INCLUDE THIS INFORMATION.

To obtain parts promptly, give part name and part number.

Give post office address, town, county and state where parts are to be shipped. Also specify whether material is to be shipped by freight, express or parcel post.

Confirm all telephone or telegraph orders in writing.

Parts for standard motor accessories such as generators and starting motors should be ordered from authorized Service Stations maintained by manufacturers of these units throughout the country.

No credit will be allowed on parts unless they are returned to the dealer from whom they were purchased; from there they will be returned, at the customer's expense, to the factory for inspection.

Unless claims for shortages or errors are made immediately upon receipt of goods, they will not be considered.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them; therefore, claims (if any) should be filed with the transportation company and not with Allis-Chalmers.

The right is reserved to change the construction or material of any parts where it seems desirable to do so without incurring the obligation of installing such changes on units already delivered.

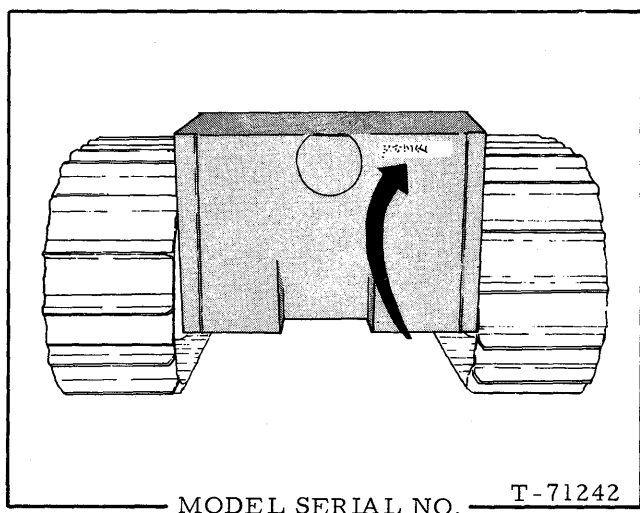
(Specifications and design subject to change without notice)

MODEL IDENTIFICATION

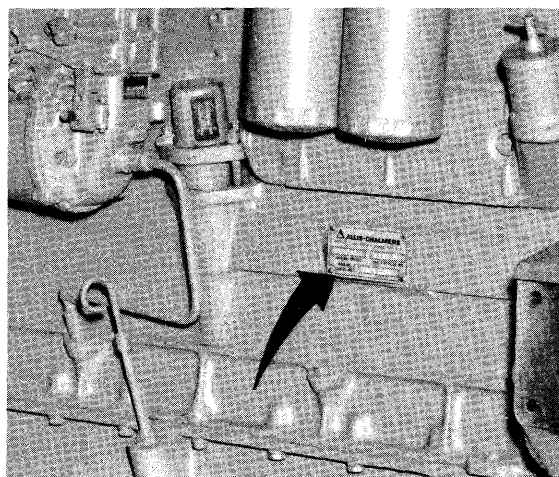
MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
HD-11	11 000	Diesel engine driven crawler tractor with direct-drive transmission

RECORD YOUR SERIAL NUMBERS BELOW

MODEL SERIAL NUMBER _____ ENGINE SERIAL NUMBER _____



Also stamped vertically along rear edge on right side of main housing and on small plate attached to cowl.



ENGINE SERIAL NO. T 76343

Also stamped on small plate attached to cowl.

MODEL SERIAL NUMBER

Models are identified by an 8-character combination of letters and numerals.

***SERIAL NUMBER**, consisting of all 8 characters must always be submitted for positive identification of your machine. This Point Cannot Be Over-emphasized.

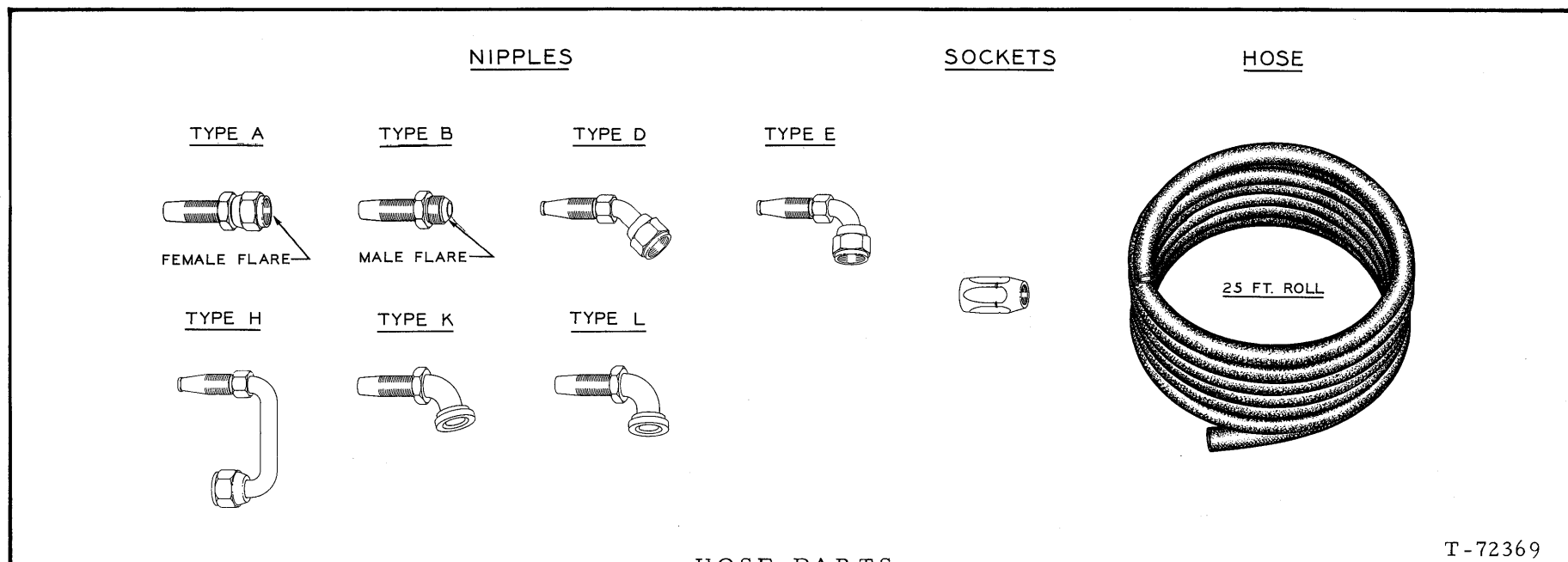
TRACTOR MODEL	*SERIAL NO.	
	PRODUCT CODE	UNIT NO.
HD-11	1 6 C	1 6 0 0 1

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NOTE: Refer to right hand column for identity of interchangeable crimped-type hose (fittings not re-usable). Assembly number shown in left hand column indicates available replacement hose assembly with re-usable components; where no assembly number is listed, hose assembly is not available from factory but may be constructed in the field from data indicated.

HOSE ASSEMBLY NO. (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (#1 end)			NIPPLE (#2 end)			SOCKET (both ends)	NIPPLE FLANGE		CRIMPED- TYPE HOSE (See NOTE) Part No.
			Including SOCKET	NIPPLE only	Type	Including SOCKET	NIPPLE only	Type		Part No.	X Dim	
	0919218-8	6-3/4	0920850-5	0920303-5	A	0920880-2	0919254-3	D	0919076-0			0641125-0
	0919196-6	32-1/4	0920847-1	0920301-9	A	0920847-1	0920301-9	A	0919143-8			0644880-7
	0919156-0	32-5/8	0920880-2	0919254-3	D	0920865-3	0919081-0	E	0919076-0			0646151-1
	0919196-6	11-3/8	0920847-1	0920301-9	A	0920847-1	0920301-9	A	0919143-8			0646340-0
	0919155-2	8	0920849-7	0920302-7	A	0920857-0	0919079-4	B	0919075-2			0648230-1
	0919155-2	30-1/2	0920857-0	0919079-4	B	0920864-6	0919082-8	E	0919075-2			0650765-1
	0919156-0	11-1/2	0920850-5	0920303-5	A	0920858-8	0919080-2	B	0919076-0			0650967-3
	0919196-6	25-3/4	0920847-1	0920301-9	A	0920862-0	0919194-1	E	0919143-8			0658637-4
	0919196-6	14	0920855-4	0919144-6	B	0920862-0	0919194-1	E	0919143-8			0659895-7

PACKAGED PARTS

PACKAGE
NUMBER

DESCRIPTION

4359410-0

GASKET KIT, cylinder head

4	0923574-8	O-RING, water by-pass tube (Discard)
4	0923813-0	O-RING, water manifold tube
1	4300145-2	GASKET, water outlet elbow
2	4336148-4	GASKET, rocker cover
4	4336182-3	GASKET, water manifold
1	4336263-1	GASKET, thermostat housing
1	4336266-4	GASKET, water elbow (Discard)
2	4337764-7	GASKET, valve lifter cover
6	4346138-3	GASKET, intake manifold
2	4348133-4	GASKET, breather tube (Discard)
1	4359029-8	GASKET ASSY., front cylinder head
1	4359030-6	GASKET ASSY., rear cylinder head
6	4359355-7	GASKET, exhaust manifold
6	4378031-1	GASKET, injection nozzle

4359122-1

GASKET KIT, intermediate, cylinder block

2	0667252-1	GASKET, oil drain plug
2	0923376-8	O-RING, flywheel housing dowel
1	0923589-6	O-RING, fan drive (Discard)
1	0923814-8	O-RING, hydraulic pump drive
1	0923815-5	O-RING, camshaft hole plug
1	0923816-3	O-RING, flywheel to crankshaft
1	0923820-5	O-RING, fan drive
1	0924139-9	O-RING, injection pump mounting cover
1	4335056-0	GASKET, water pump volute
1	4336436-3	GASKET, oil drain flange
1	4336676-4	GASKET, timing hole cover
1	4336897-6	RING, sealing, flywheel housing to crankcase
1	4339150-7	GASKET, filter head to block
1	4339151-5	GASKET, oil cooler to block
1	4346169-8	GASKET, oil pipe
2	4346441-1	GASKET, oil pipe
1	4346456-9	GASKET, water inlet pipe
1	4346744-8	GASKET, water pump
1	4347031-9	GASKET, water by-pass flange
1	4347120-0	GASKET, timing hole cover
1	4348126-6	GASKET, timing gear cover
1	4348136-5	GASKET, timing gear housing
1	4348184-5	GASKET, filter head to block
1	4348185-2	GASKET, oil cooler water inlet
2	4348215-7	GASKET, oil pipe
1	4348218-1	GASKET, oil pipe
1	4354163-0	GASKET, timing gear cover
1	4354304-0	GASKET, fan hose bracket
1	4354415-4	GASKET (Discard)
1	4362458-4	GASKET, oil pump cover (Discard)
2	4373069-6	GASKET, oil pan cover

} Discard

4359602-2

PISTON AND SLEEVE KIT

2	4255465-9	RETAINER, piston pin
1	4336578-7	RING SET, piston
1	4337395-0	PIN, piston
2	4337972-6	O-RING, cylinder sleeve
1	4358730-2	PISTON
1	4359582-6	SLEEVE, cylinder
1	4359586-7	O-RING, cylinder sleeve

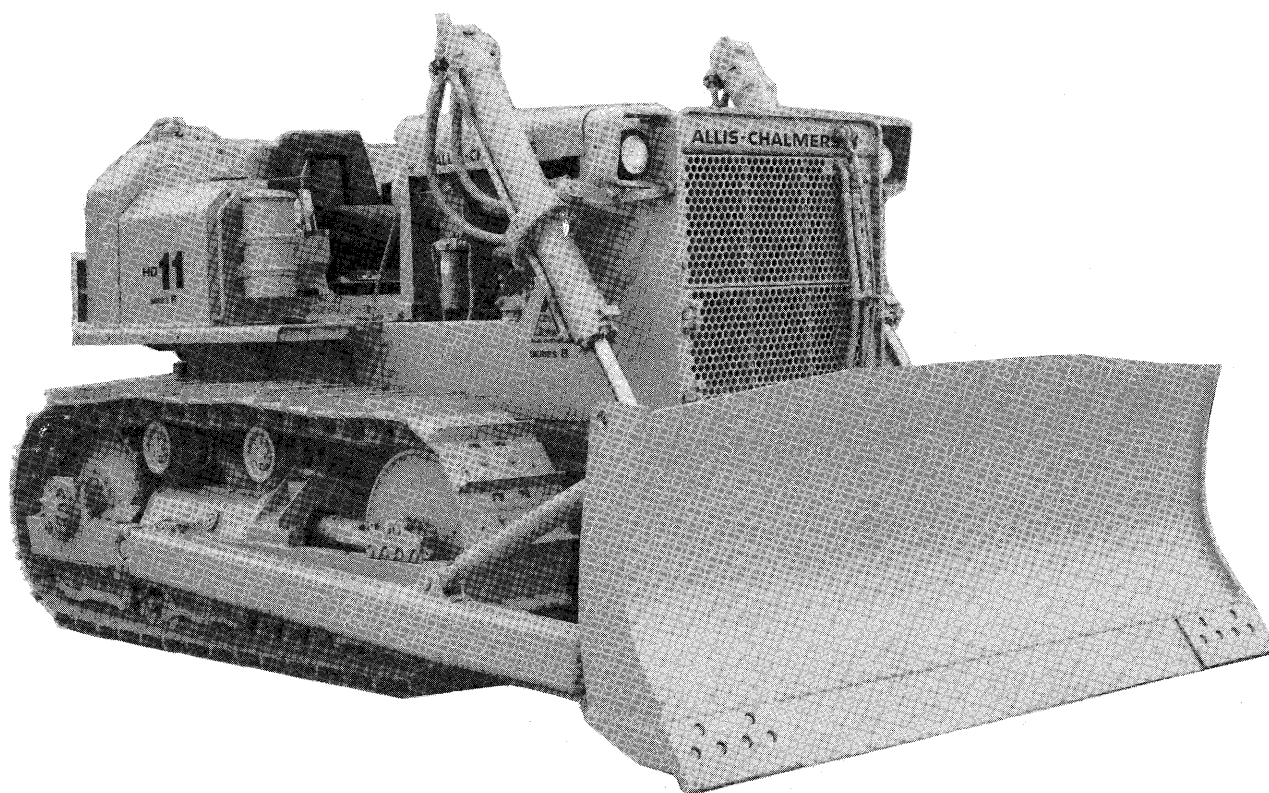
----- RING SET, piston (See PISTON AND CONNECTING ROD)

----- SEAL KITS, final drive (See pages 121 and 124)

----- SEAL KIT, track roller (See page 165)

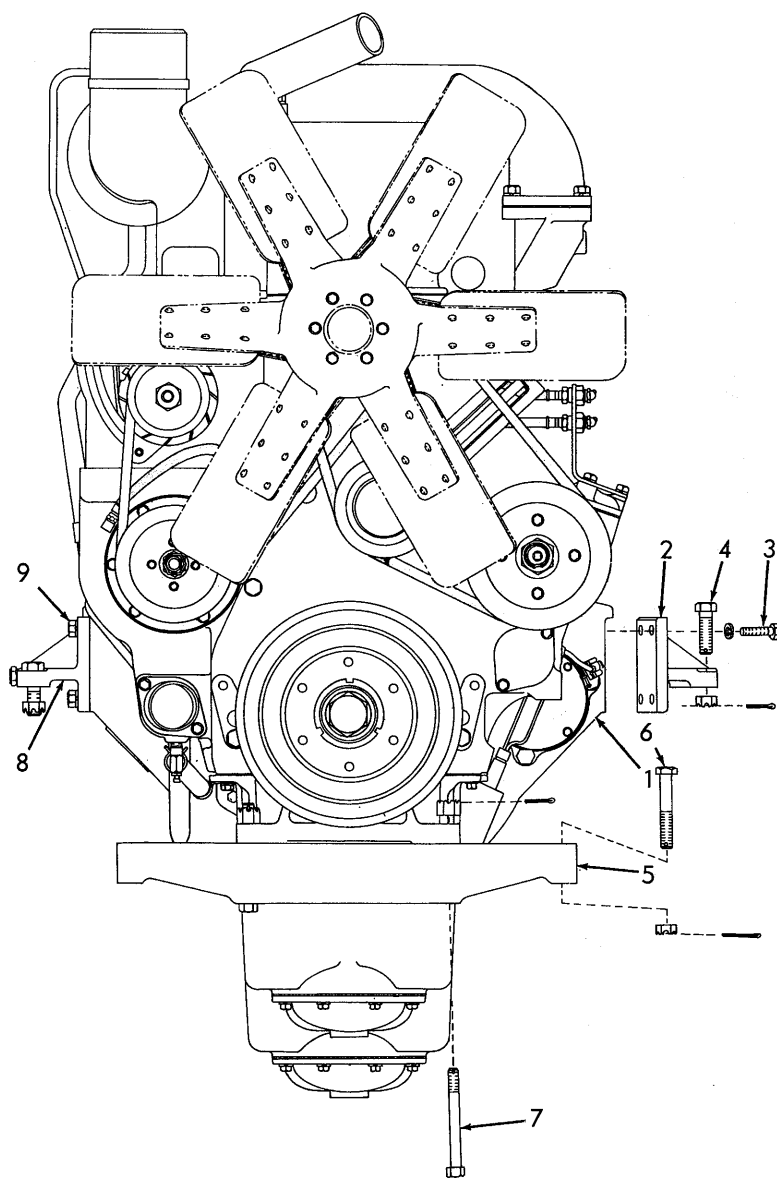
----- SEAL KIT, track idler (See page 169)

----- SEAL KIT, track carrier roller (See page 167)



HD-11 SERIES B (DIRECT DRIVE) W/11HS DOZER

T-76483



T-72370

ENGINE AND MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
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1	4359734-3	1	ENGINE ASSY.
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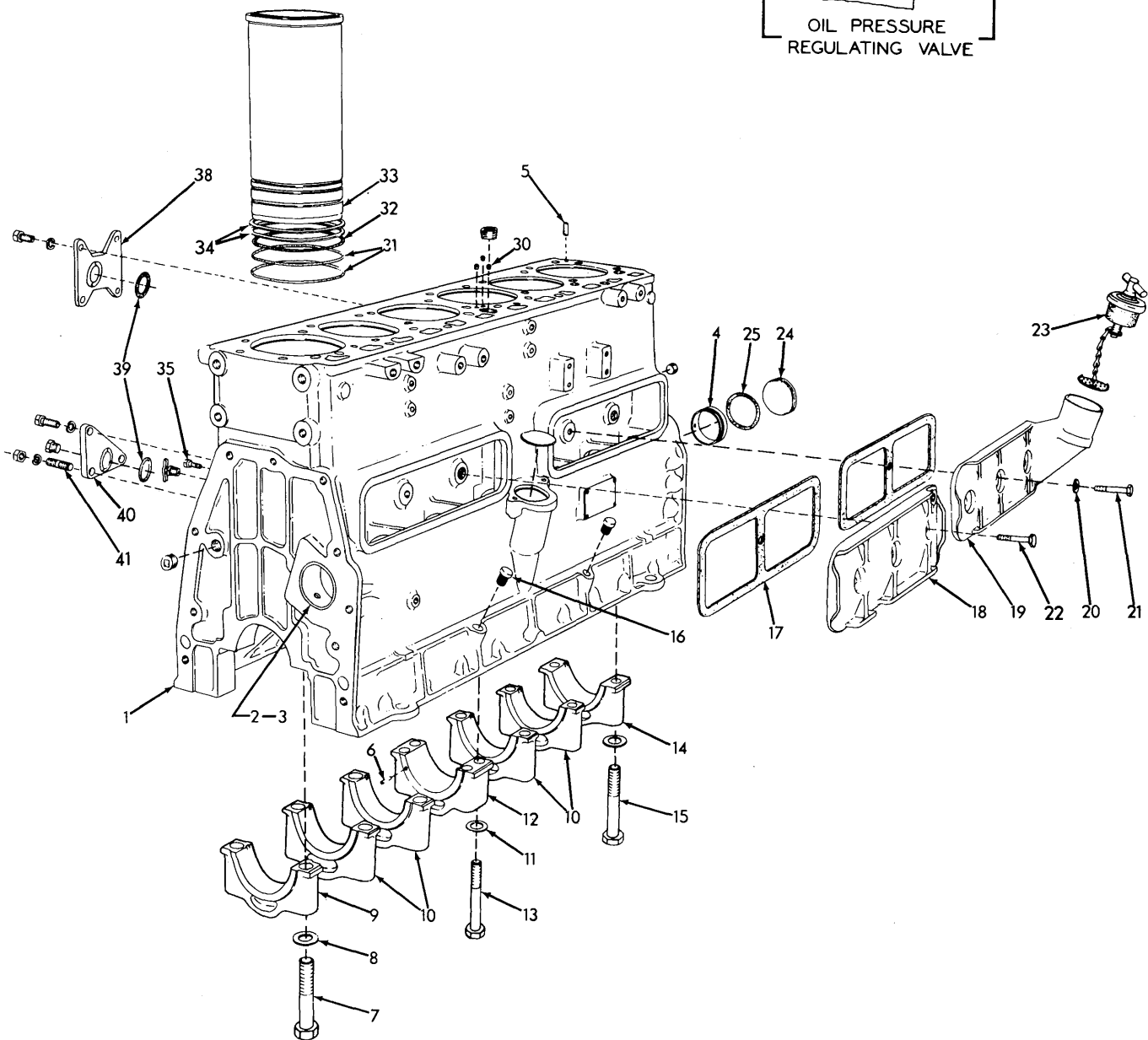
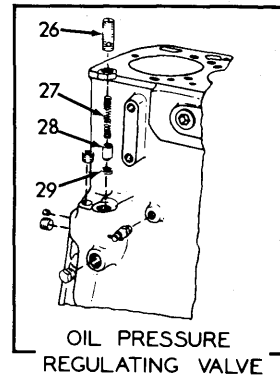
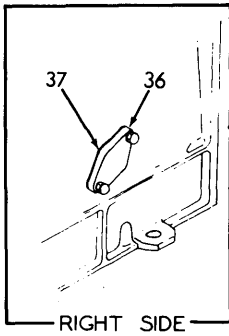
NOTE: Each engine assembly includes turbocharger, alternator oil and fuel filters but does not include air cleaner, fan or starter.

2	0084493-6	1	BRACKET, engine supporting, rear, left
3	0920583-3	4	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	4	LOCKWASHER, 1/2"

(Continued)

ENGINE AND MOUNTING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	0638907-6	4	CAPSCREW, rear mounting
	0912840-6	4	NUT, slotted, 5/8"NF
	0900806-1	4	PIN, cotter, 1/8" x 1"
5	0642562-3	1	SUPPORT, front
6	0642563-1	2	CAPSCREW, (to frame)
	0913280-4	2	NUT, high, slotted, 5/8"NF
	0900806-1	2	PIN, cotter, 1/8" x 1"
7	0091984-5	2	CAPSCREW, front mounting
	0913280-4	2	NUT, high, slotted, 5/8"NF
	0900806-1	2	PIN, cotter, 1/8" x 1"
8	0678788-1	1	BRACKET, engine supporting, rear, right
9	0920583-2	4	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	4	LOCKWASHER, 1/2"



CYLINDER BLOCK

T-41944

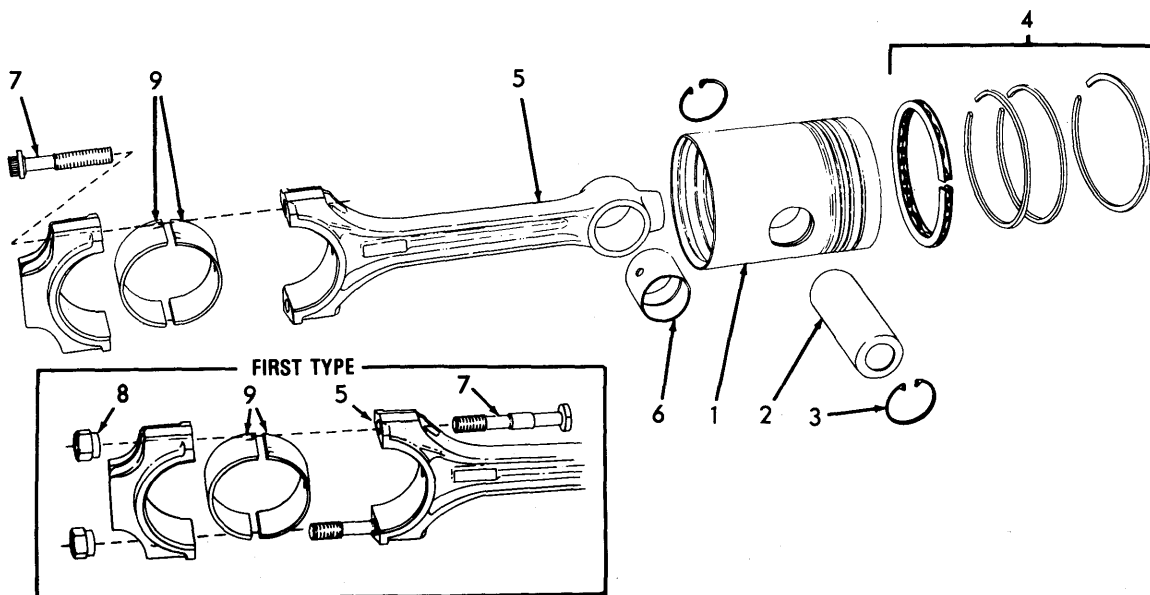
CYLINDER BLOCK

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338151-6	1	BLOCK ASSY. (Includes items 2 thru 16, 29, 30, 35 thru 41 and hardware indented below)
	0910017-3	1	PLUG, expansion, 2-3/8" diam. (Not used when Hour Meter is installed)
	0919134-7	5	PLUG, pipe, hex-hd., 1/8"NPT
	0920333-2	1	PLUG, pipe, hex-hd., 3/8"NPT
	0918887-1	1	PLUG, pipe, hex-socket, 3/8"NPT
	0917970-6	2	PLUG, pipe, hex-socket, 1/2"NPT
	0920416-5	1	PLUG, pipe, hex-hd., 1/2"NPT
	0918851-7	1	PLUG, pipe, hex-socket, 3/4"NPT
	0918888-9	1	PLUG, pipe, hex-socket, 1"NPT
	0912415-7	2	COCK, drain, 1/4"NPT
2	{ 4346100-3	1	BEARING, camshaft, front (standard size)
	{ 4347416-2	1	BEARING, camshaft, front (.010" undersize)
3	{ 4346099-7	2	BEARING, camshaft, intermediate (standard size)
	{ 4347419-6	2	BEARING, camshaft, intermediate (.010" undersize)
4	{ 4346108-6	1	BEARING, camshaft, rear (standard size)
	{ 4347413-9	1	BEARING, camshaft, rear (.010" undersize)
5	4336432-2	4	PIN, dowel, cylinder head
6	-----	4	PIN, dowel, crankshaft thrust flange (See CRANKSHAFT)
7	4339037-6	2	CAPSCREW, front main bearing cap (3/4"NC x 3-5/16")
8	4354175-4	12	WASHER, main bearing cap screw
9	4349630-6	1	*CAP, front main bearing
10	4349632-2	4	*CAP, intermediate main bearing
11	4391160-1	4	WASHER, center main bearing cap screw
12	4349629-8	1	*CAP, center main bearing
13	4339038-4	4	CAPSCREW, center main bearing cap (5/8"NC x 3-13/16")
14	4349631-4	1	*CAP, rear main bearing
15	4339036-8	10	CAPSCREW, rear and intermediate main bearing cap (3/4"NC x 4-5/16")
16	4362338-8	2	PLUG, crankcase
17	4337764-7	2	□GASKET, valve lifter cover
18	4359668-3	1	COVER, valve lifter, front
19	4338674-7	1	COVER, valve lifter, rear
20	4335456-2	3	WASHER, valve lifter cover bolt
21	4335455-4	3	BOLT, valve lifter cover

*Replacement bearing caps are semi-finished and must be line-bored after installing
(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
22	4359683-2	3	BOLT, valve lifter cover	
23	4354449-3	1	CLOSURE ASSY., oil filler (Serviced only as a unit)	
24	4335534-6	1	PLUG, camshaft hole	
25	0923815-5	1	□O-RING, camshaft hole plug	
26	4389058-1	1	SCREW, oil pressure regulating valve	
	0910847-3	1	NUT, jam, 3/4"NF	
27	4660358-5	1	SPRING, oil pressure regulating valve	
28	4500230-0	1	PISTON, oil pressure regulating valve	
29	4347465-9	1	INSERT, oil pressure regulating valve seat	
30	4347061-6	1	RESTRICTOR, oil passage	
31	4337972-6	12	□O-RING, cylinder sleeve	
32	4359586-7	6	□O-RING, cylinder sleeve	
33	4359582-6	6	□SLEEVE, cylinder	
34	4348857-6	-	SHIM, cylinder sleeve (.005" thick)	Use as required when re-machining cylinder blocks
	4348856-8	-	SHIM, cylinder sleeve (.008" thick)	
	4348859-2	-	SHIM, cylinder sleeve (.010" thick)	
	4348858-4	-	SHIM, cylinder sleeve (.015" thick)	
	4348900-4	-	SHIM, cylinder sleeve (.020" thick)	
35	4335777-1	2	CAPSCREW, crankcase pad (3/8"NC x 3/4", nylok)	
<u>NOTE:</u> Items listed below are furnished only with service replacement cylinder block and are not original equipment.				
36	4339604-3	1	PLATE, cover, turbocharger oil drain hole	
	0918683-4	2	CAPSCREW, 1/2"NC x 1-1/8"	
	0904208-6	2	LOCKWASHER, 1/2"	
37	4336436-3	1	□GASKET, oil drain hole cover	
38	4335369-7	1	PLATE, cover, oil gallery hole, upper	
	0916311-4	4	CAPSCREW, 1/2"NC x 1-1/4"	
	0904208-6	4	LOCKWASHER, 1/2"	
39	0923718-1	2	O-RING, oil gallery hole cover plates	
40	4359104-9	1	PLATE, cover, oil gallery hole, lower	
	0920333-2	1	PLUG, pipe, hex-hd., 3/8"NPT	
	0919230-3	1	CAPSCREW, 1/2"NC x 1-3/8"	
41	4305073-1	2	STUD	
	0904208-6	3	LOCKWASHER, 1/2"	
	0914195-7	2	NUT, 1/2"NF	

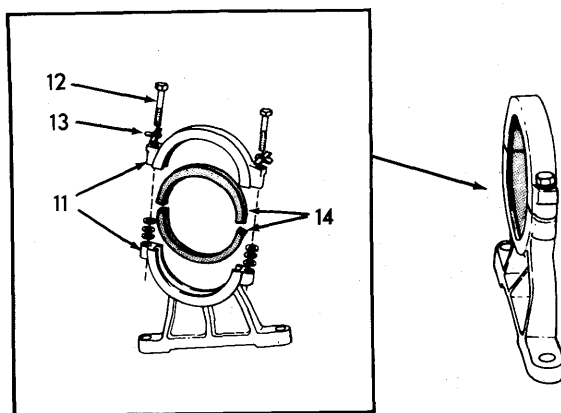
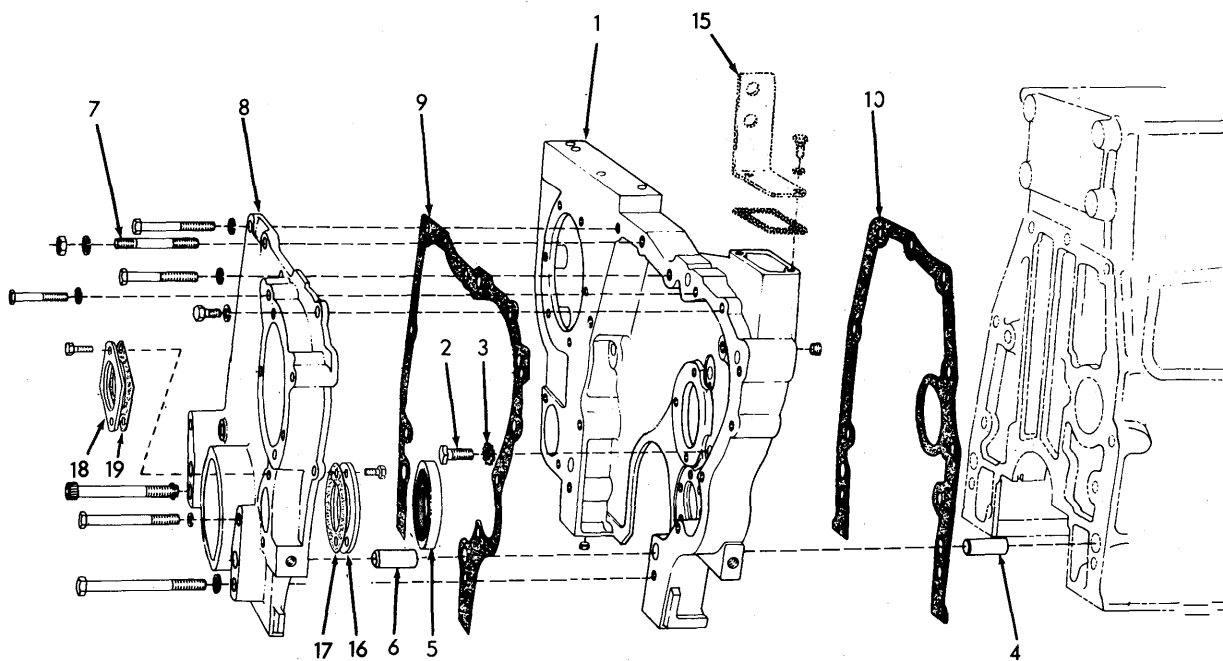


PISTON AND CONNECTING ROD

T-24197

ITEM	PART NO.	QTY.	DESCRIPTION
1	4358745-0	6	□PISTON (Engines prior to #11-18999 excluding #11-18862 thru #11-18934)
	4359360-7	6	□PISTON (Engines #11-18999 and up including #11-18862 thru #11-18934)
2	4337395-0	6	□PIN, piston (Engines prior to #11-18999 excluding #11-18862 thru #11-18934)
	4354778-5	6	□PIN, piston (Engines #11-18999 and up including #11-18862 thru #11-18934)
3	4255465-9	12	□RETAINER, piston pin
4	4359758-2	6	□RING,(Engines prior to #11-18999 excluding #11-18862 thru #11-18934)
	4359757-4	6	□RING SET (Engines #11-18999 and up including #11-18862 thru #11-18934)
5	4354788-4	6	ROD ASSY., connecting (Includes items 6 thru 8)(Engines prior to #11-19497)
	4359220-3	6	ROD ASSY., connecting (Includes items 6 and 7)(Engines #11-19497 and up)
6	4339017-8	6	BUSHING, connecting rod
7	4354787-6	12	BOLT, connecting rod (Engines prior to #11-19497)
	4359222-9	12	CAPSCREW, connecting rod (Engines #11-19497 and up)
8	4354748-8	12	NUT, connecting rod bolt (Engines prior to #11-19497)
9	4337701-9	12	BEARING, connecting rod (standard size)
	4337702-7	12	BEARING, connecting rod (.010" undersize)
	4337703-5	12	BEARING, connecting rod (.020" undersize)
	4337704-3	12	BEARING, connecting rod (.030" undersize)
	4337705-0	12	BEARING, connecting rod (.040" undersize)

(Revised February 1974)



TIMING GEAR HOUSING

T-72319

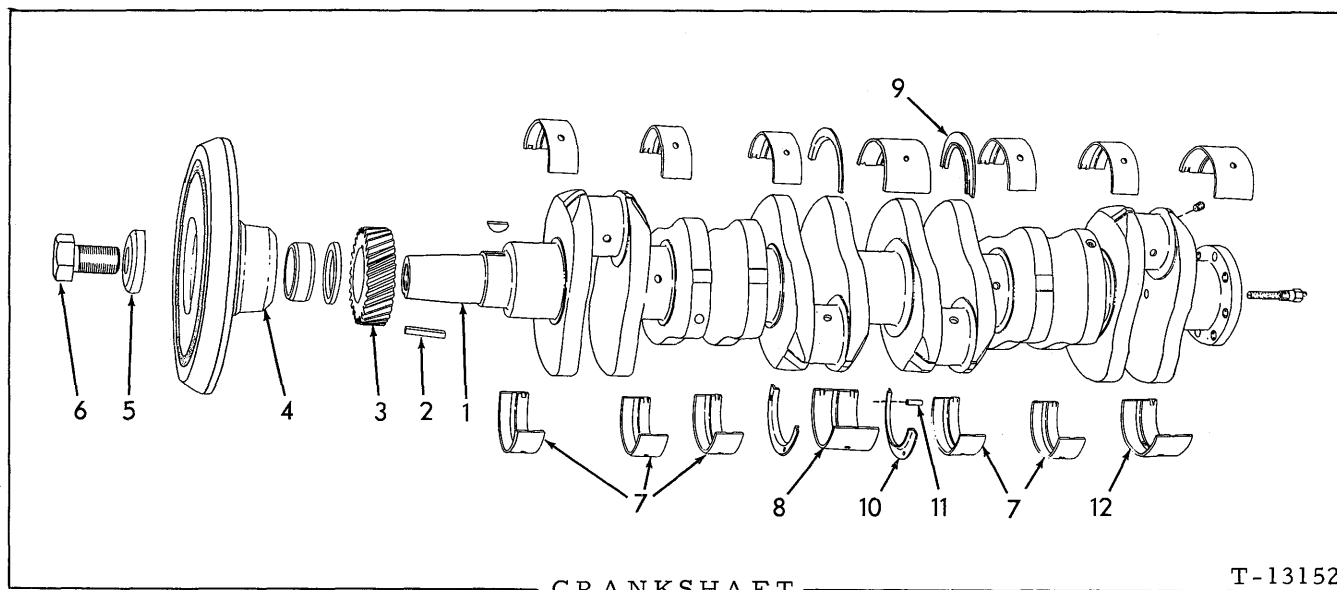
(Revised February 1974)

TIMING GEAR HOUSING

ITEM	PART NO.	QTY.	DESCRIPTION
1	4320742	1	HOUSING, timing gear (If for engines prior to #11-20259 also order 1 PLUG 0920416)
	0919134	2	PLUG, pipe, hex-hd., 1/8"NPT
	0907856	1	PLUG, pipe, hex-socket, 3/8"NPT (Engines prior to #11-20259)
	0920416	1	PLUG, pipe, hex-hd., 1/2"NPT (Engines #11-20259 and up)
	0917970	2	PLUG, pipe, hex-socket, 1/2"NPT
2	4004054	3	CAPSCREW, 1/2"NC x 1-1/16"
3	4253490	3	LOCKWASHER
4	4346246	2	PIN, dowel, timing gear housing
5	4028922	1	SEAL, oil, crankshaft
6	4348107	2	PIN, dowel, timing gear cover
7	4335371	1	STUD, timing gear housing
	0904208	1	LOCKWASHER, 1/2"
	0910195	1	NUT, 1/2"NF
8	4357409	1	COVER ASSY., timing gear housing (Includes item 6)
	0915969	3	CAPSCREW, 1/2"NC x 3"
	0916319	1	CAPSCREW, 1/2"NC x 3-1/2"
	0921299	1	CAPSCREW, hex-socket-hd., 1/2"NC x 4"
	0919232	1	CAPSCREW, 1/2"NC x 4-3/4"
	0910948	2	CAPSCREW, 3/8"NC x 2"
	0912069	2	CAPSCREW, 3/8"NC x 2-1/2" (Engines prior to #11-19189)
	0904208	6	LOCKWASHER, 1/2"
	0904206	6	LOCKWASHER, 3/8"
	0916271	2	CAPSCREW, 3/8"NC x 1"
9	4354163	1	□ GASKET, timing gear housing cover
10	4348136	1	□ GASKET, timing gear housing
11	4335067	1	BRACKET, engine mounting (Includes cap)
12	4254891	2	CAPSCREW, 1/2"NC x 2-1/2"
	0916009	10	WASHER, plain (1/32" thick. Use as required)
13	4335550	2	LOCKWASHER
14	4336491	2	LINER, engine mounting bracket
15	-----	1	BRACKET, lubricating hose (See FAN)
16	4354414	1	COVER, rear
	0916277	6	CAPSCREW, 5/16"NC x 5/8"
17	4354415	1	GASKET, rear cover
18	4335711	1	COVER, front
	0916274	2	CAPSCREW, 3/8"NC x 2-1/4"
19	4335712	1	GASKET, front cover

Engines serial
#11-19189 and up.
Replaces HYDRAULIC
PUMP DRIVE design
shown on page 28

(Revised February 1974)

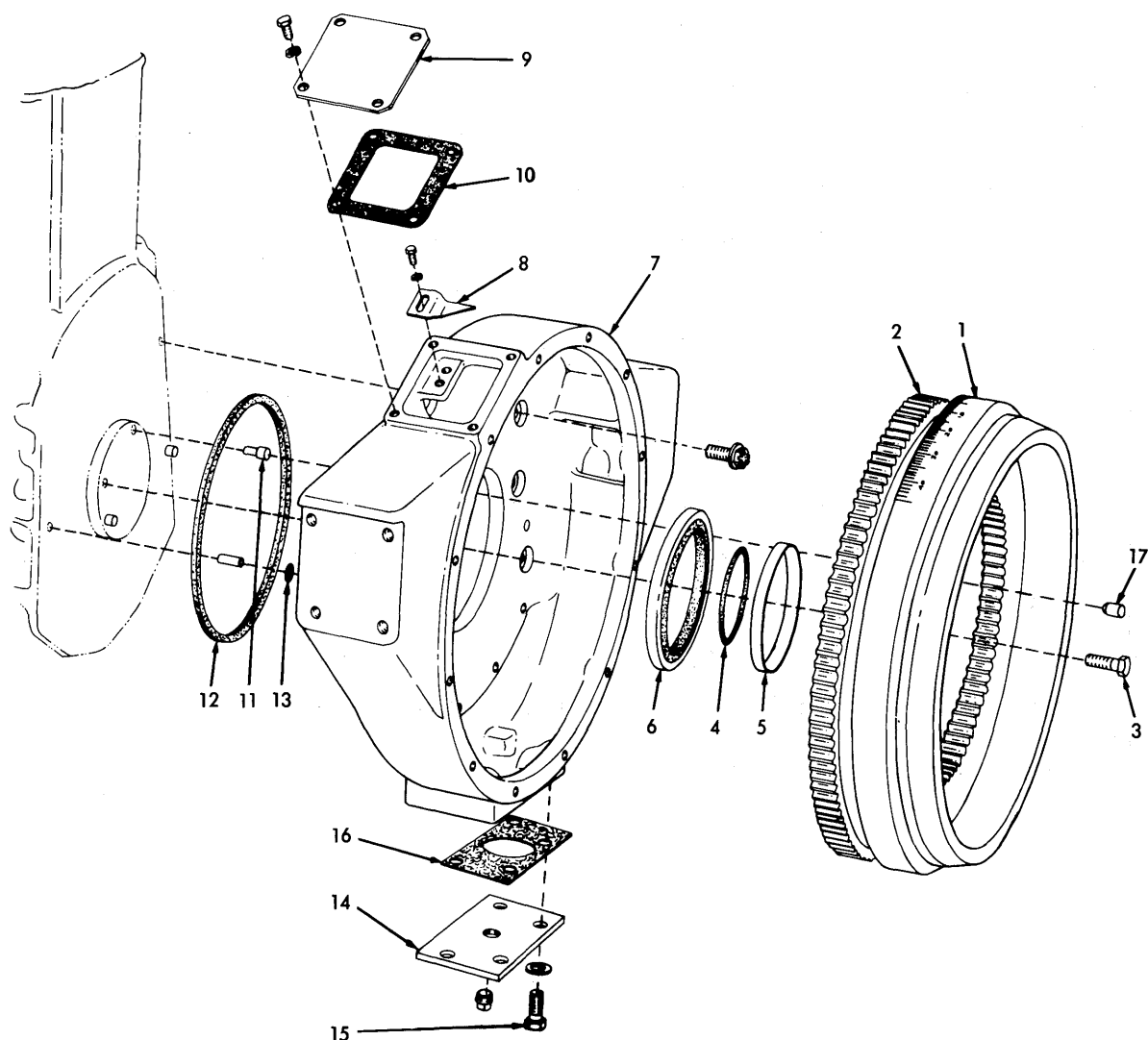


ITEM	PART NO.	QTY.	DESCRIPTION
1	4357323-7 0919840-9	1 1	CRANKSHAFT ASSY. (Includes PLUG indented below) PLUG, pipe, hex-hd., 1/4"NPT
2	4003490-2	1	KEY, crankshaft damper
3	4359278-1 0905127-7	1 1	GEAR, crankshaft KEY, "B" woodruff, 5/16" x 1"
4	4359783-0	1	DAMPER, vibration
5	4371503-6	1	WASHER, crankshaft damper
6	4390838-3	1	CAPSCREW, crankshaft damper
7	4337710-0	10	BEARING, front and intermediate main (standard size)
	4337711-8	10	BEARING, front and intermediate main (.010" undersize)
	4337712-6	10	BEARING, front and intermediate main (.020" undersize)
	4337713-4	10	BEARING, front and intermediate main (.030" undersize)
	4337714-2	10	BEARING, front and intermediate main (.040" undersize)
8	4348991-3	2	BEARING, center main (standard size)
	4348992-1	2	BEARING, center main (.010" undersize)
	4348993-9	2	BEARING, center main (.020" undersize)
	4348994-7	2	BEARING, center main (.030" undersize)
	4348995-4	2	BEARING, center main (.040" undersize)

(Continued)

CRANKSHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	4337683-9	2	FLANGE, thrust, center main, upper (standard size)
	4337684-7	2	FLANGE, thrust, center main, upper (.005" oversize)
	4337685-4	2	FLANGE, thrust, center main, upper (.010" oversize)
	4337686-2	2	FLANGE, thrust, center main, upper (.015" oversize)
10	4337687-0	2	FLANGE, thrust, center main, lower (standard size)
	4337688-8	2	FLANGE, thrust, center main, lower (.005" oversize)
	4337689-6	2	FLANGE, thrust, center main, lower (.010" oversize)
	4337690-4	2	FLANGE, thrust, center main, lower (.015" oversize)
11	4250898-6	4	PIN, dowel, thrust flange
12	4337698-7	2	BEARING, rear main (standard size)
	4337699-5	2	BEARING, rear main (.010" undersize)
	4337700-1	2	BEARING, rear main (.020" undersize)
	4337715-9	2	BEARING, rear main (.030" undersize)
	4337716-7	2	BEARING, rear main (.040" undersize)



FLYWHEEL AND HOUSING

T-72453

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338498	1	FLYWHEEL ASSY. (Includes item 2)
2	4304907	1	GEAR, ring
3	4359805	6	BOLT, flywheel
4	0923816	1	□ O-RING, flywheel to crankshaft
5	4029556	1	SLEEVE KIT, wear (Engines #11-18384 and up)
6	4029500	1	SEAL KIT, oil, crankshaft rear end (If for engines prior to #11-18384 also order 1 SLEEVE KIT 4029556)
7	4339605	1	HOUSING, flywheel
	0917021	2	PIN, dowel, 1/2" x 1"
	4752075	9	BOLT, self-locking, 1/2" NC x 1-3/8"

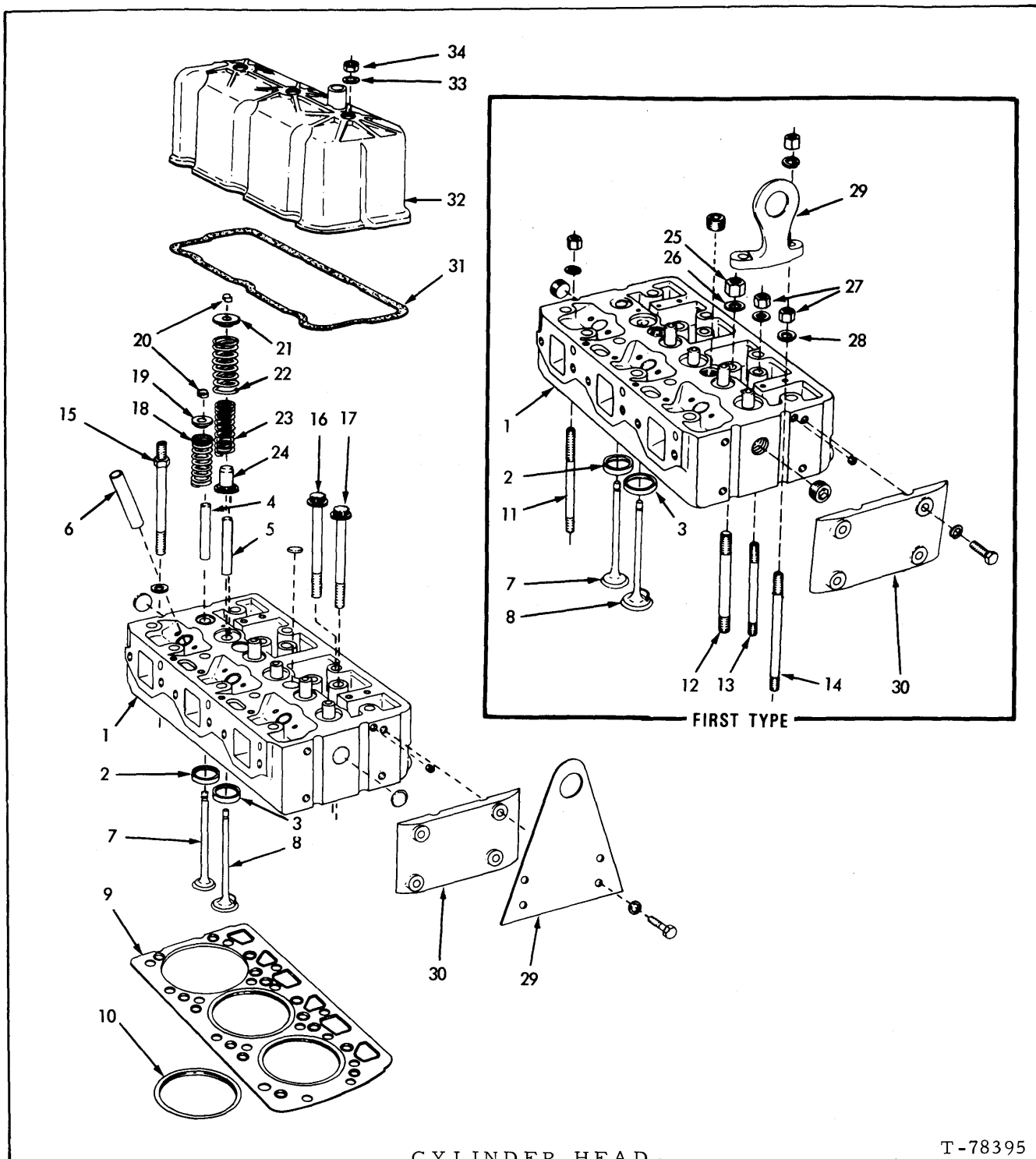
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(Revised February 1974)

FLYWHEEL AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	4336609	1	POINTER, timing
	0916284	2	CAPSCREW, 1/4"NC x 1/2"
	0904204	2	LOCKWASHER, 1/4"
9	4358840	1	COVER, timing hole
	0916282	4	CAPSCREW, 1/4"NC x 7/8"
	0904204	4	LOCKWASHER, 1/4"
10	4336676	1	□ GASKET, timing hole cover
11	4500300	2	DOWEL, flywheel to crankshaft (Engines prior to #11-19292)
12	4336897	1	□ RING, sealing, flywheel housing to crankcase
13	0923376	2	□ O-RING, flywheel housing dowel pin hole
14	0628512	1	COVER, bottom, flywheel housing
	0901652	1	PLUG, pipe, 1/4"NPT
15	0920582	4	CAPSCREW, 1/2"NC x 1-1/4"
	0912441	4	LOCKWASHER, 1/2"
16	0629141	1	GASKET, bottom cover
17	4359168	1	SLUG KIT, dowel sealing (Consists of two lead slugs)(Engines prior to #11-19292)

(Revised February 1974)



CYLINDER HEAD

T-78395

* Engines prior to serial No. 11-19608

** Engines serial No. 11-19608 and up

ITEM	PART NO.	QTY.	DESCRIPTION	
		* **		
1	4359196-5	2	HEAD ASSY.	Each includes items 2 thru 6 and hardware indented below
	4320689-5	- 2	HEAD ASSY.	
	0917673-6	4	PLUG, pipe, hex-socket, 1/8" NPT	
	0920340-7	8	PLUG, pipe, hex-socket, 3/4" NPT	
	0928879-6	- 8	PLUG, expansion, 1"	
	0917560-5	6	PIN, dowel, 3/16" x 3/8" (intake valve locator)	

(Continued)

(Revised February 1974)

CYLINDER HEAD (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION	
2	4359114-8	6 -	INSERT, exhaust valve seat (30° - standard size)	
	4359646-9	- 6	INSERT, exhaust valve seat (30° - standard size)	
	4359115-5	6 6	INSERT, exhaust valve seat (30° - .005" oversize)	
3	4359112-2	6 6	INSERT, intake valve seat (30° - standard size)	
	4359113-0	6 6	INSERT, intake valve seat (30° - .005" oversize)	
4	4359192-4	6 12	GUIDE, exhaust, valve stem	
5	4359193-2	6 -	GUIDE, intake valve stem	
6	4336157-5	6 6	SLEEVE, injection nozzle	
7	4359117-1	6 -	VALVE, exhaust (30°)	
	4359645-1	- 6	VALVE, exhaust (30°)	
8	4359116-3	6 -	VALVE, intake (30°)	
	4359373-0	- 6	VALVE, intake (30°)	
9	4359029-8	1 1	☐ GASKET, cylinder head, front	Each includes item 10
	4359030-6	1 1	☐ GASKET, cylinder head, rear	
10	4339848-6	6 6	GASKET, fire ring (cylinder sealing)	
11	4339499-8	2 2	STUD, cylinder head (1/2" x 7-1/4")	Engines prior to #11-20247
12	4339505-2	24 24	STUD, cylinder head (5/8" x 6-1/2")	
13	4339498-0	4 4	STUD, cylinder head (1/2" x 6-1/8")	
14	4339497-2	2 2	STUD, cylinder head, front (1/2" x 7-3/8")	
	4339434-5	2 2	STUD, cylinder head, rear (1/2" x 8-5/8")	
15	4514400-3	- 1	CAPSCREW, cylinder head (1/2" x 5-3/8")	Engine #11-20247 and up
16	4320613-5	- 24	CAPSCREW, cylinder head (5/8" x 5-9/16")	
17	4320614-3	- 9	CAPSCREW, cylinder head (1/2" x 5-5/16")	
18	4336131-0	6 6	SPRING, exhaust valve	
19	4343799-5	6 6	RETAINER, exhaust valve spring	
20	4376497-6	24 24	LOCK, valve spring retainer (half only)	
21	4336153-4	6 -	RETAINER, intake valve spring	
	4320655-6	- 6	ROTATOR, intake valve spring	
22	4336129-4	6 6	SPRING, intake valve, outer	
23	4336130-2	6 6	SPRING, intake valve, inner	

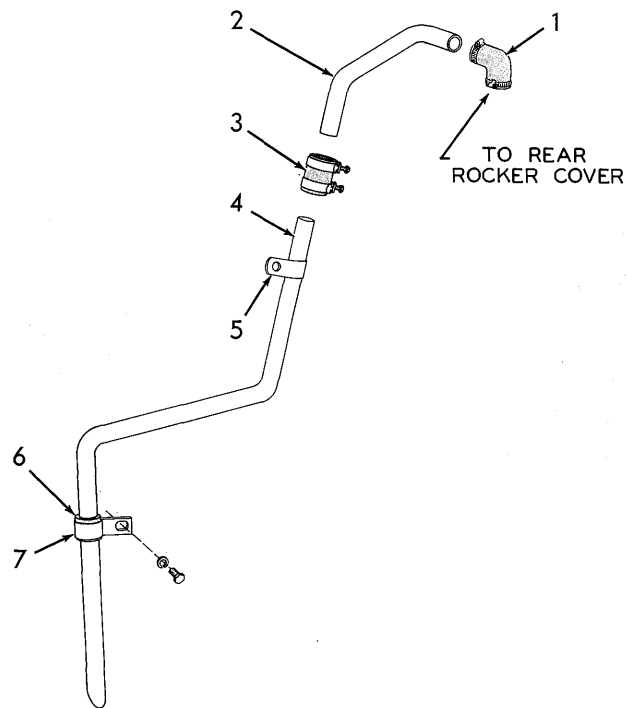
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(Revised February 1974)

CYLINDER HEAD (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
24	4336758-0	6	-	LOCATOR, intake valve spring	
	4320654-9	-	6	SEAT, intake valve spring	
25	4388202-6	20	20	NUT, cylinder head stud (5/8" NF)	Engines prior to #11-20247
	4354407-1	4	4	NUT, cylinder head stud (5/8" NF, Nylok)(For end studs only)	
26	4354490-7	24	24	WASHER, cylinder head nut (For 5/8" stud)	
27	4388205-9	14	14	NUT, cylinder head stud (1/2" NF)	
28	4372864-1	14	14	WASHER, cylinder head nut (For 1/2" stud)(1 only used effective with engine #11-2047)	
29	4347619-1	1	1	EYE, engine lifting (Engines prior to #11-2047)	
	4320616-8	-	1	EYE, engine lifting (Engines #11-20247 and up)	
30	4336178-1	2	2	PLATE, end	
	0916191-0	8	8	CAPSCREW, 7/16" NC x 1-1/2"	
	0904207-8	8	8	LOCKWASHER, 7/16"	
31	4336148-4	2	2	□ GASKET, rocker cover	
32	4357732-9	1	1	COVER, rocker, rear	
	4359264-1	1	1	COVER, rocker, front	
33	4376749-0	6	6	WASHER, sealing, rocker cover nut	
34	4375937-2	6	6	NUT, rocker cover	

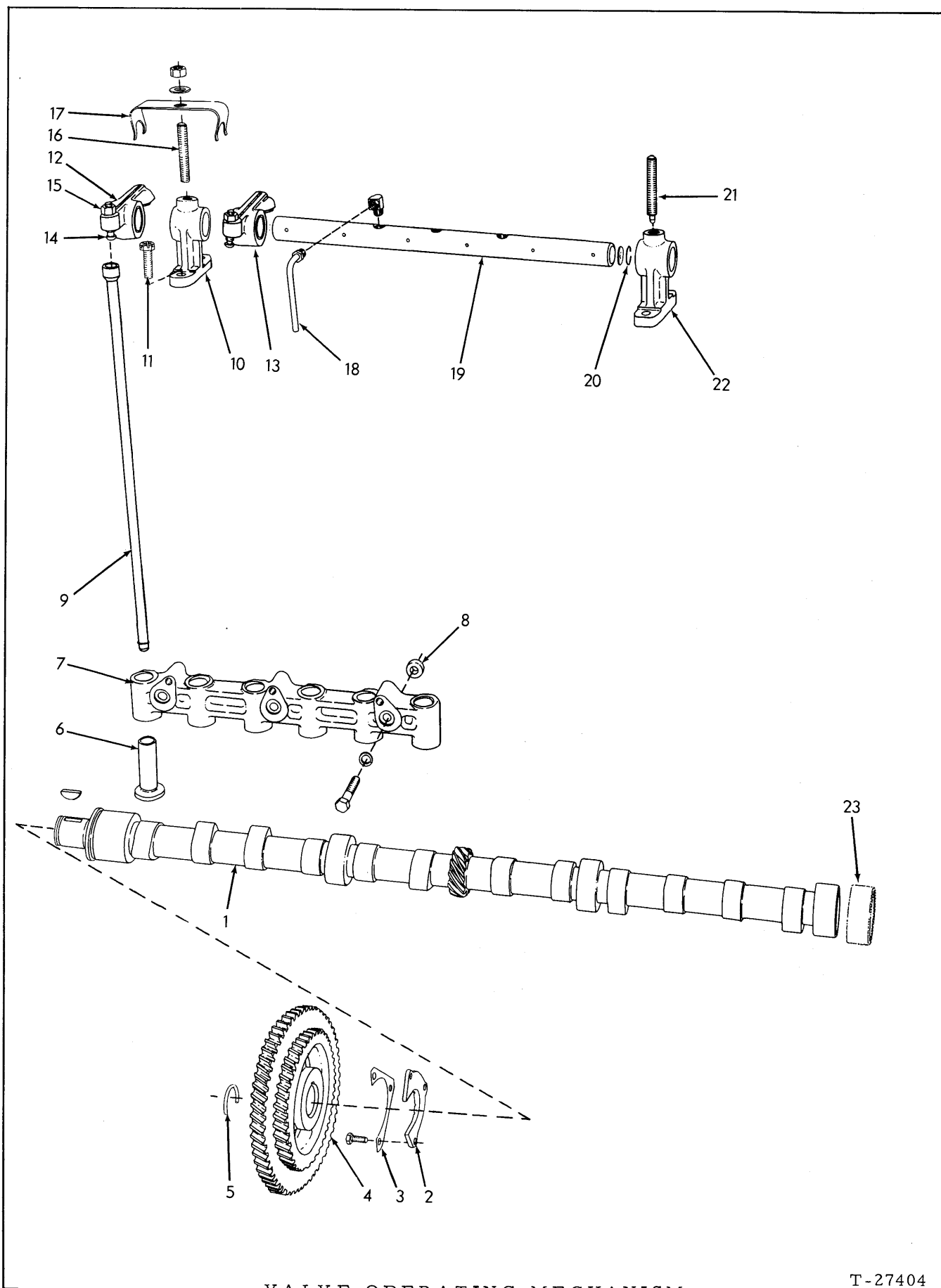
(Revised February 1974)



ENGINE BREATHER

T-74675

ITEM	PART NO.	QTY.	DESCRIPTION
1	4357735	1	ELBOW (rubber)
	4253978	1	CLAMP, hose
	4253977	1	CLAMP, hose
2	4357733	1	TUBE, intermediate
3	4347924	1	HOSE, tube connecting
	4253453	2	CLAMP, hose
4	4338310	1	TUBE, lower
5	4254173	1	CLIP, tube supporting, upper
6	4371324	1	INSULATOR, lower tube (rubber)
7	4371323	1	CLIP, tube supporting, lower
	0915408	1	CAPSCREW, 3/8"NC x 3/4"
	0904206	1	LOCKWASHER, 3/8"

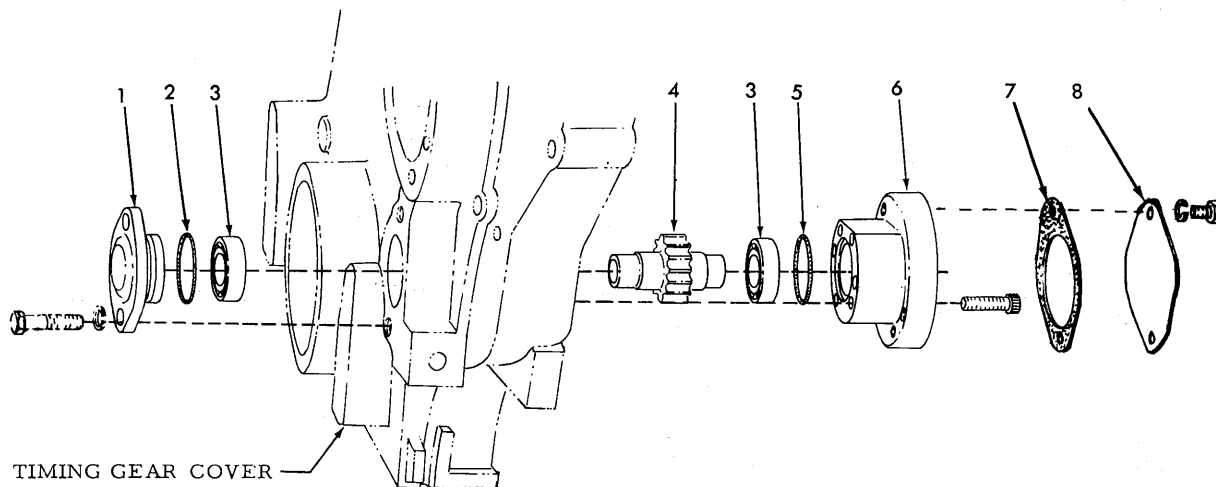


VALVE OPERATING MECHANISM

T-27404

VALVE OPERATING MECHANISM

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337723-3	1	CAMSHAFT
	0905126-9	1	KEY, #5 woodruff, 1/4" x 1"
2	4349257-8	1	COLLAR, camshaft thrust
	0916277-7	3	CAPSCREW, 5/16"NC x 5/8"
3	4025391-6	1	PLATE, capscrew locking
4	4339659-7	1	GEAR, camshaft
5	4346307-4	1	RING, snap, gear retaining
6	4338299-3	12	LIFTER, valve
7	4347511-0	2	BRACKET, valve lifter
	0919287-3	6	CAPSCREW, 3/8"NC x 1-7/8"
	0904206-0	6	LOCKWASHER, 3/8"
8	4347832-0	4	DOWEL, hollow, valve lifter bracket
9	4336234-2	12	ROD, push
10	4336143-5	4	BRACKET, rocker shaft, end
11	4255723-1	12	BOLT, rocker shaft bracket (self-locking)
12	4358989-4	6	ARM ASSY., rocker, intake valve (Includes items 14 and 15)
13	4358988-6	6	ARM ASSY., rocker, exhaust valve (Includes items 14 and 15)
14	4336646-7	12	SCREW, valve lash adjustment
15	4516821	12	NUT, valve lash adjustment screw
16	4348129-0	4	STUD, rocker cover (2-5/8" long)
17	4338143-3	6	CLIP, spring, rocker arm retaining
	0910919-0	6	WASHER, plain,
	0910986-9	6	NUT, 7/16"NF
18	4349157-0	2	TUBE ASSY., rocker shaft overflow (Includes nut)
	0913039-4	2	ELBOW, inverted flare, 90°, 1/4" tube, 1/8"NPT male
19	4336145-0	2	SHAFT ASSY., rocker arm (Includes 0910002-5 PLUGS and item 24)
	0910002-5	4	PLUG, expansion, 3/4" diam.
20	4254363-7	4	RING, snap, rocker shaft
21	4348130-8	2	SCREW, rocker shaft retaining (3" long, dog-pt.)
22	4336142-7	2	BRACKET, rocker shaft, center
23	-----	-	BEARING, camshaft (See CYLINDER BLOCK)



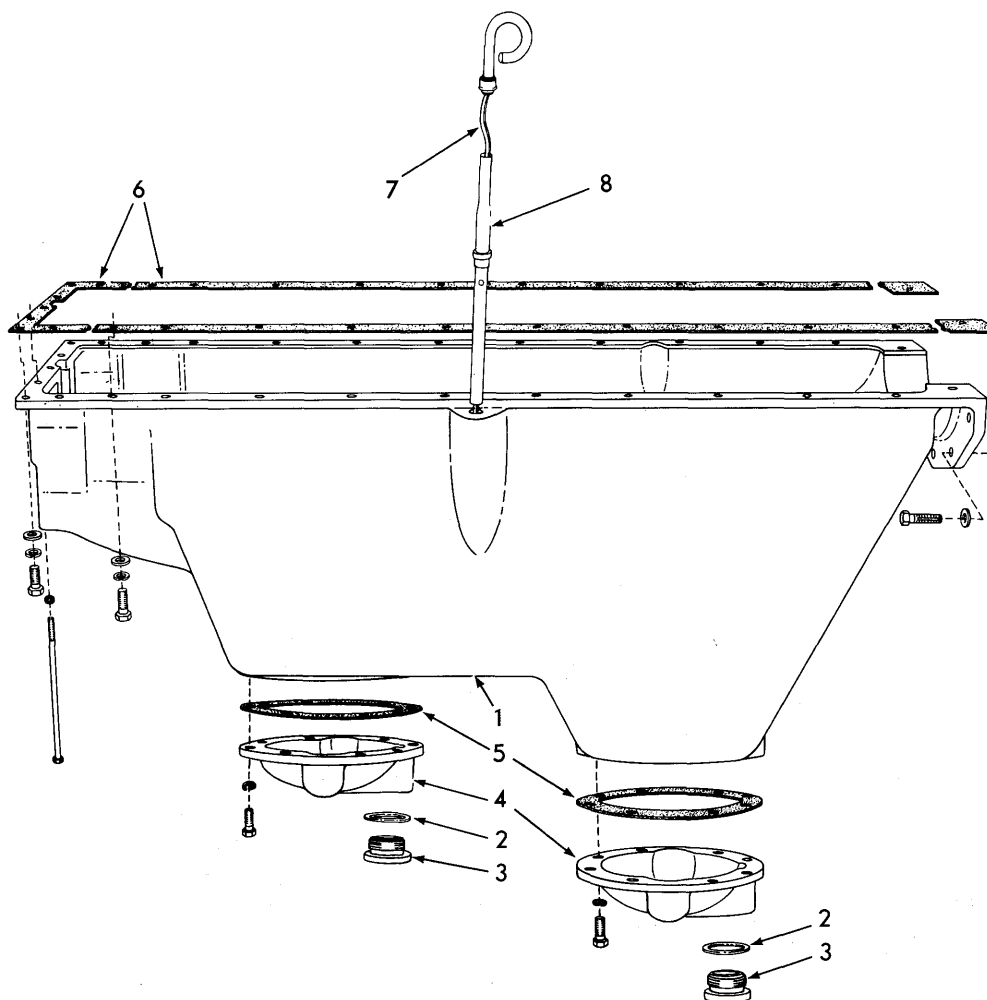
HYDRAULIC PUMP DRIVE

T-72371

USAGE: Engines prior to No. 11-19189 only

ITEM	PART NO.	QTY.	DESCRIPTION
------	----------	------	-------------

1	4357411-0	1	RETAINER, front bearing
	-----	2	CAPSCREW (See TIMING GEAR HOUSING section)
2	0923814-8	1	□O-RING, front bearing retainer
3	4253862-9	2	BEARING, ball
4	4357412-8	1	GEAR
5	0923579-7	1	O-RING, pump adapter
6	4357410-2	1	ADAPTER, pump mounting
	0924781-8	6	SCREW, 12-point, Nylok, 5/16"NC x 2-1/4"
7	4354959-1	1	GASKET
8	4025079-7	1	COVER
	0916269-4	2	CAPSCREW, 3/8"NC x 7/8"
	0904206-0	2	LOCKWASHER, 3/8"

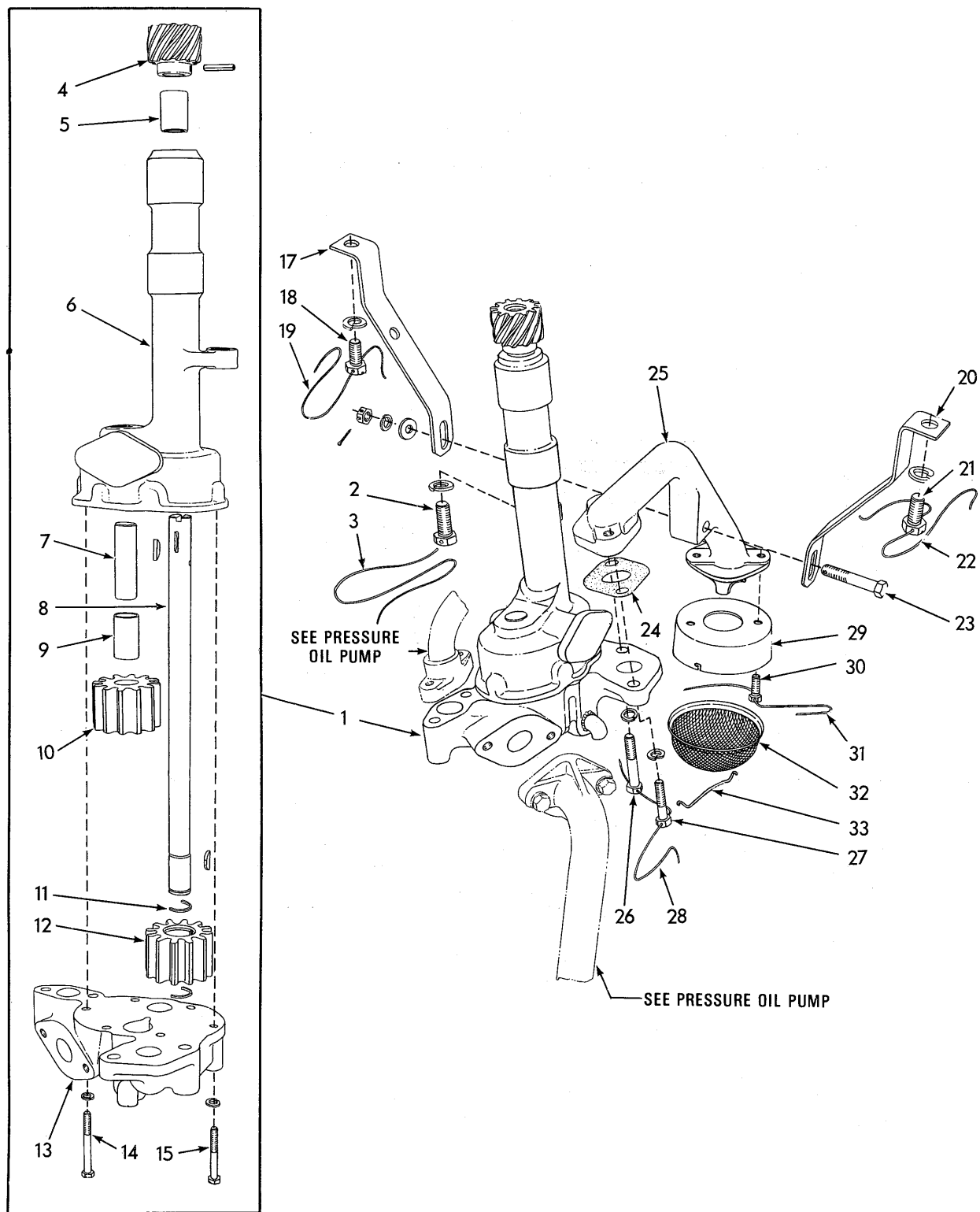


OIL PAN

T-13155

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337466	1	PAN, oil
	0919224	24	CAPSCREW, 3/8"NC x 1-1/8"
	4255916	4	CAPSCREW, nylon strip, 3/8"NC x 1"
	4513383	1	CAPSCREW, nylon strip, 3/8"NC x 1-1/8"
	0914392	2	CAPSCREW, 5/16"NC x 1"
	0919292	3	CAPSCREW, 5/16"NC x 6-3/4"
	0913544	29	WASHER, plain (3/4"O.D.)
	0912369	5	WASHER, plain (5/8"O.D.)
2	0667252	2	☐ GASKET, oil drain plug
3	0035250	2	PLUG, oil drain
4	4373770	2	COVER, clean-out
	0919224	16	CAPSCREW, 3/8"NC x 1-1/8"
	0904206	16	LOCKWASHER, 3/8"
5	4373069	2	☑ GASKET, clean-out cover
6	4347543	1	GASKET SET, oil pan (5 pieces)
7	4357982	1	GAUGE, oil level
8	4357592	1	ADAPTER, oil level gauge

(Revised February 1974)

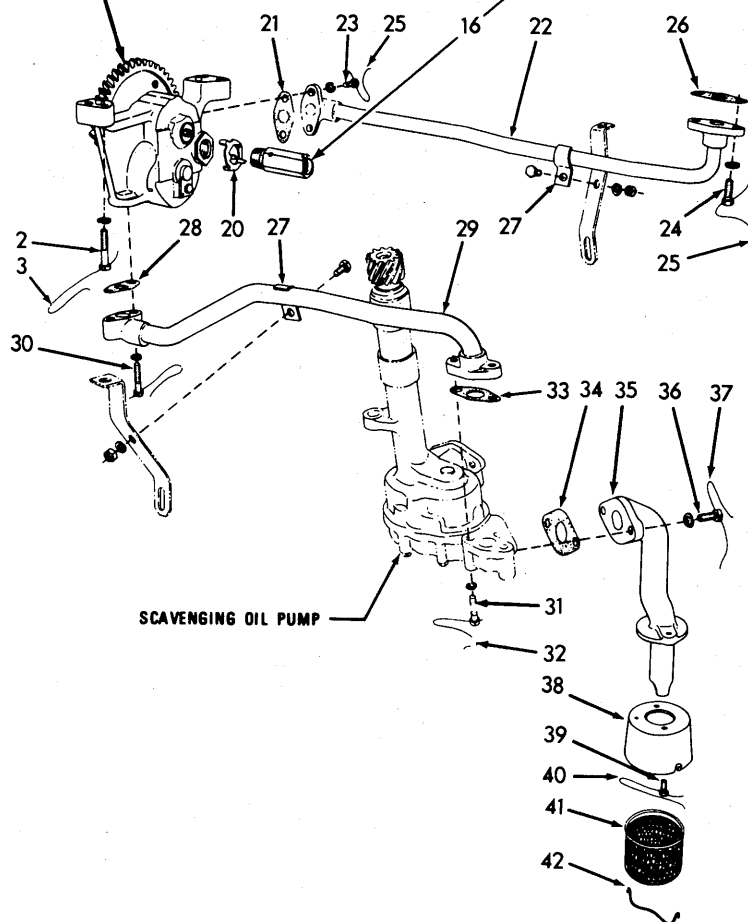
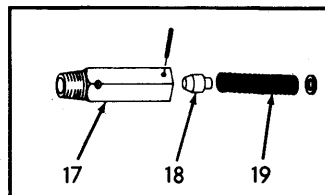
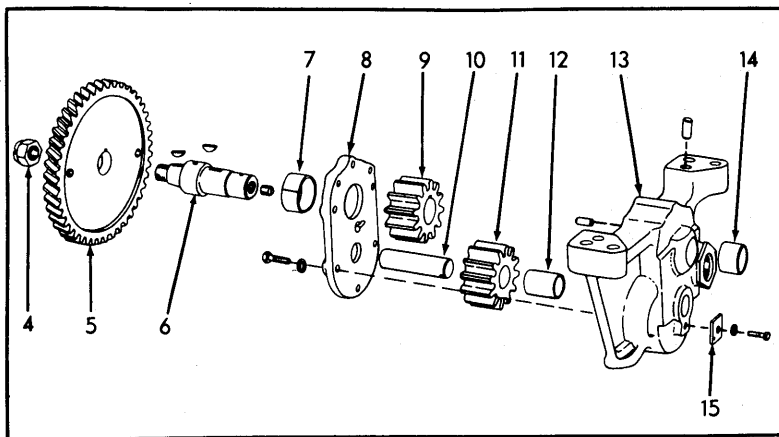


SCAVENGING OIL PUMP

T-13980

SCAVENGING OIL PUMP

ITEM	PART NO.	QTY.	DESCRIPTION
1	4357721-2	1	PUMP ASSY., scavenging (Consists of items 4 thru 16)
2	4311869-4	1	CAPSCREW, drilled-hd., 1/2"NC x 1-1/4"
	0904208-6	1	LOCKWASHER, 1/2"
3	4509035-4	1	WIRE, locking, #18 x 10"
4	4660408-8	1	GEAR, pump driving
	0917466-5	1	PIN, roll, 3/16" x 1-1/8"
5	4346327-2	2	BUSHING, pump body
6	4357722-0	1	BODY ASSY. (Includes items 5 and 7)
7	4660409-6	1	SHAFT, stub
8	4347893-2	1	SHAFT, drive
	0905122-8	2	KEY, #7 woodruff, 1/8" x 3/4"
9	4660412-0	1	BUSHING, pumping gear
10	4660410-4	1	GEAR ASSY., pumping (Includes item 9)
11	4251141-0	2	RING, snap, drive shaft
12	4660407-0	1	GEAR, pumping (keywayed)
13	4335000-8	1	COVER, pump body
14	0910899-4	5	CAPSCREW, 1/4"NC x 2"
15	0918594-3	1	CAPSCREW, 1/4"NC x 2-1/4"
	0904204-5	6	LOCKWASHER, 1/4"
17	4347578-9	1	BRACKET, suction pipe bracing, left
18	4375812-7	1	CAPSCREW, drilled-hd., 1/2"NC x 1"
	0904208-6	1	LOCKWASHER, 1/2"
19	4348691-9	1	WIRE, locking, #18 x 6"
20	4347577-1	1	BRACKET, suction pipe bracing, right
21	4375812-7	1	CAPSCREW, drilled-hd. 1/2"NC x 1"
	0904208-6	1	LOCKWASHER, 1/2"
22	4348691-9	1	WIRE, locking, #18 x 6"
23	4335153-5	1	CAPSCREW, suction pipe to brace (drilled-end)
	0912597-2	1	WASHER, plain
	0904206-0	1	LOCKWASHER, 3/8"
	0914773-7	1	NUT, slotted, 3/8"NC
	0900802-0	1	PIN, cotter, 3/32" x 1"
24	4346441-1	1	□ GASKET, scavenging pump suction pipe
25	4335048-7	1	PIPE, suction
26	4349382-4	1	CAPSCREW, drilled-hd., 3/8"NC x 2-1/4"
27	4335264-0	1	CAPSCREW, drilled-hd., 3/8"NC x 1-3/8"
	0904206-0	2	LOCKWASHER, 3/8"
28	4509035-4	1	WIRE, locking, #18 x 10"
29	4348684-4	1	COVER, oil screen
30	4374129-7	2	CAPSCREW, drilled-hd., 5/16"NC x 3/4"
31	4509035-4	1	WIRE, locking, #18 x 10"
32	4348683-6	1	SCREEN, oil
33	4348682-8	1	RETAINER, oil screen



PRESSURE OIL PUMP

T-13181

PRESSURE OIL PUMP

ITEM	PART NO.	QTY.	DESCRIPTION
1	4359056-1	1	PUMP ASSY. (Consists of items 4 thru 15)
2	4348692-7	4	CAPSCREW, drilled-hd., 3/8"NC x 1-3/4"
	0904206-0	4	LOCKWASHER, 3/8"
3	4509035-4	2	WIRE, locking, #18 x 10"
4	4254977-4	1	NUT, gear retaining
5	4337047-7	1	GEAR, driving
6	4348894-9	1	SHAFT, upper
	0917673-7	1	PLUG, pipe, hex-socket, 1/8"NPT
	0910224-5	2	KEY, #6 woodruff, 5/32" x 5/8"
7	4347659-7	1	BUSHING, pump cover
8	4348044-1	1	COVER ASSY. (Includes item 7)
	0916282-7	6	CAPSCREW, 1/4"NC x 7/8"
	0904204-5	6	LOCKWASHER, 1/4"
9	4348883-2	1	GEAR, upper (10 teeth)
10	4348038-3	1	SHAFT, lower
11	4348891-5	1	GEAR ASSY., lower (10 teeth. Includes item 12)
12	4348083-9	1	BUSHING, lower gear
13	4348885-7	1	HOUSING ASSY. (Includes item 14 and dowel PINS indented below)
	0917554-8	1	PIN, dowel, 1/4" x 1/2"
	0917546-4	2	PIN, dowel, 3/8" x 5/8"
14	4348303-1	1	BUSHING, pump housing
15	4348020-1	1	RETAINER, lower shaft
	0916284-3	1	CAPSCREW, 1/4"NC x 1/2"
	0904204-5	1	LOCKWASHER, 1/4"
16	4354573-0	1	VALVE ASSY., pressure relief (Items 17 thru 19)
17	-----	1	BODY, pressure relief valve
18	-----	1	PISTON, pressure relief valve
19	4354568-0	1	SPRING, pressure relief valve
	4359310-2	1	WASHER, plain
	0916001-1	1	PIN, spring, 3/16" x 1"
20	4347938-5	1	LOCK, oil pressure relief valve
21	4348215-7	1	□ GASKET, discharge pipe to pump
22	4335382-0	1	PIPE, pump discharge
23	4320227-4	2	CAPSCREW, drilled-hd., 5/16"NC x 7/8"
	0904205-2	2	LOCKWASHER, 5/16"
24	4346483-3	2	CAPSCREW, drilled-hd., 3/8"NC x 1-1/4"
	0904206-0	2	LOCKWASHER, 3/8"
25	4509035-4	2	WIRE, locking, #18 x 10"
26	4346169-8	1	□ GASKET, discharge pipe to crankcase

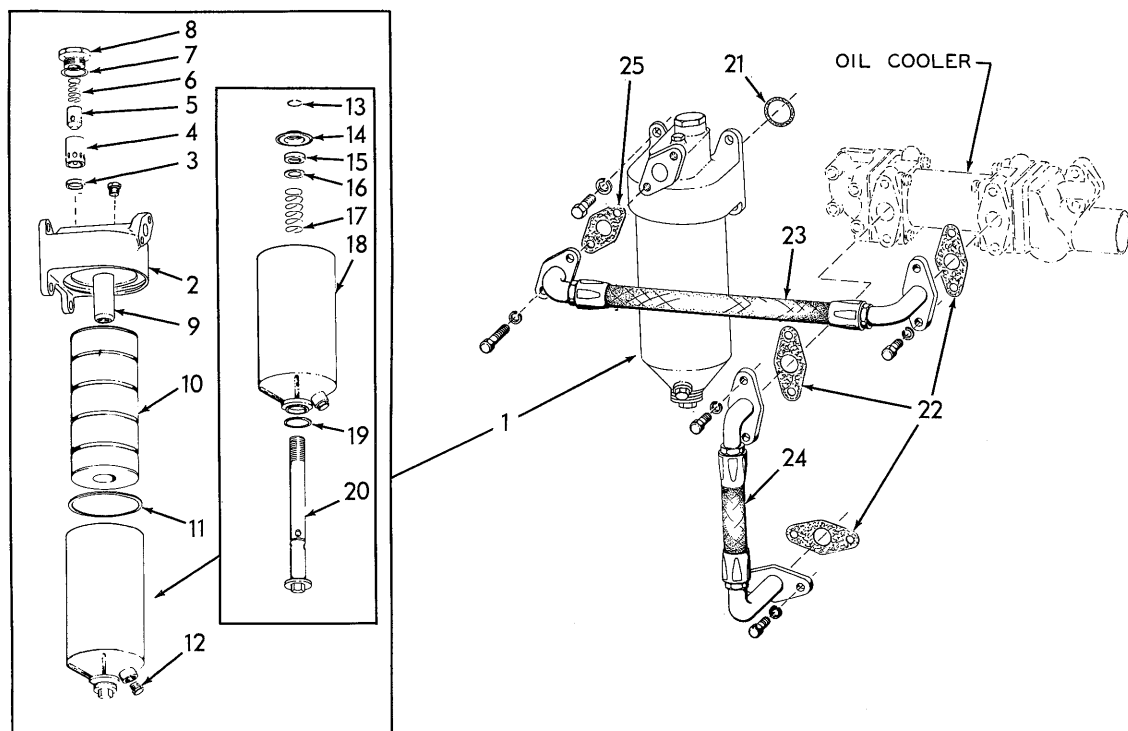
} Not serviced
separately

(Continued)

PRESSURE OIL PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	4347572-2	2	CLAMP, pipe supporting
	0915408-9	2	CAPSCREW, 3/8"NC x 3/4"
	0904206-0	2	LOCKWASHER, 3/8"
	0910324-3	2	NUT, 3/8"NC
28	4348218-1	1	□GASKET, suction pipe to pressure pump
29	4335384-6	1	PIPE, suction, front section
30	4349375-8	2	CAPSCREW, drilled-hd., 5/16"NC x 1-5/8"
31	4349383-2	2	CAPSCREW, drilled-hd., 5/16"NC x 2"
	0904205-2	4	LOCKWASHER, 5/16"
32	4509035-4	2	WIRE, locking, #18 x 10"
33	4348215-7	1	□GASKET, front suction pipe to scavenging pump
34	4346441-1	1	□GASKET, rear suction pipe to scavenging pump
35	4335050-3	1	PIPE, suction, rear section
36	4304980-8	2	CAPSCREW, drilled-hd., 3/8"NC x 1-1/8"
	0904206-0	2	LOCKWASHER, 3/8"
37	4348689-3	1	WIRE, locking, #18 x 13"
38	4389732-1	1	COVER, oil screen
39	4374129-7	2	CAPSCREW, drilled-hd., 5/16"NC x 3/4"
40	4509035-4	1	WIRE, locking, #18 x 10"
41	4374127-1	1	SCREEN, oil
42	4376294-7	1	RETAINER, oil screen

MEMO



OIL FILTER

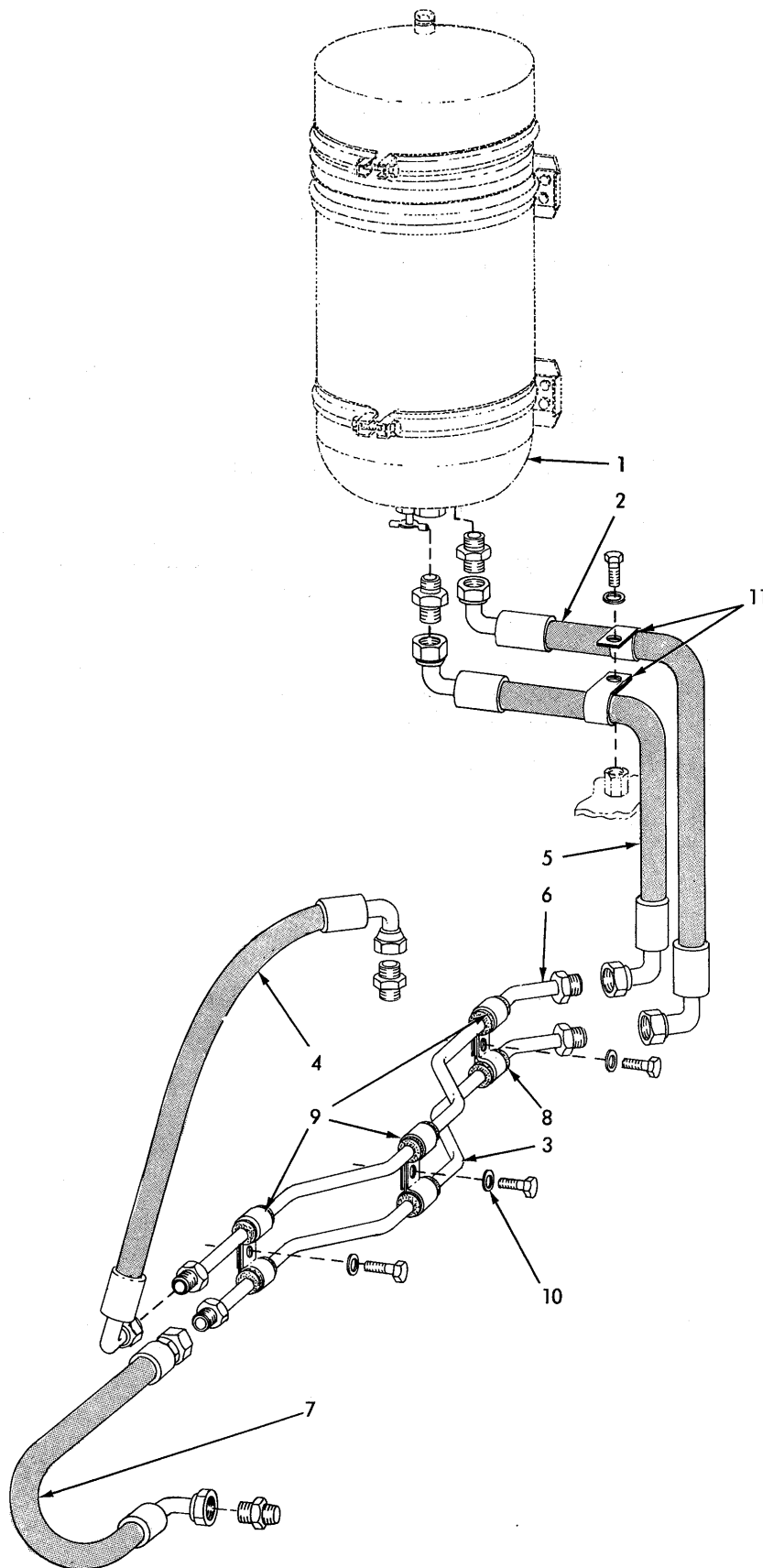
T-37197

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337527-8	1	FILTER ASSY., oil (Includes items 2 thru 20)
	0919230-3	6	CAPSCREW, 1/2"NC x 1-3/8"
	0904208-6	6	LOCKWASHER, 1/2"
2	4337528-6	1	HEAD ASSY., filter (Includes items 3 thru 9)
	0920333-2	1	PLUG, pipe, hex-hd., 3/8"NPT
3	4373614-9	1	SEAT, relief valve piston
4	4373612-3	1	SLEEVE, relief valve piston
5	4373613-1	1	PISTON, relief valve
6	4359656-8	1	SPRING, relief valve
7	4253751-4	1	GASKET, relief valve cap
8	4373610-7	1	CAP, relief valve
9	4371443-5	1	ADAPTER, center bolt
10	4371021-9	1	ELEMENT KIT, oil filter (Includes item 11)
11	4372325-3	1	GASKET, filter body
12	0918951-5	1	PLUG, filter drain (hex-hd., 3/8"NPT)

(Continued)

OIL FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	4253195-4	1	RING, snap, filter center bolt
14	4348269-4	1	ADAPTER, filter element
15	4348270-2	1	SEAL, filter element
16	4348268-6	1	WASHER, filter element seal
17	4371036-7	1	SPRING, filter element
18	4335352-3	1	BODY, oil filter
19	4041103-5	1	GASKET, filter center bolt
20	4374735-1	1	BOLT, center
21	0923718-1	1	□O-RING, filter to cylinder block
22	4335577-5	3	□GASKET, oil hose flange
23	4335567-6	1	HOSE ASSY., oil filter to cooler (See HOSE PARTS)
	0919224-6	4	CAPSCREW, 3/8"NC x 1-1/8"
	0904206-0	4	LOCKWASHER, 3/8"
24	4335566-8	1	HOSE ASSY., oil cooler to crankcase (See HOSE PARTS)
	0919224-6	4	CAPSCREW, 3/8"NC x 1-1/8"
	0904206-0	4	LOCKWASHER, 3/8"
25	4335578-3	1	□GASKET, hose to filter

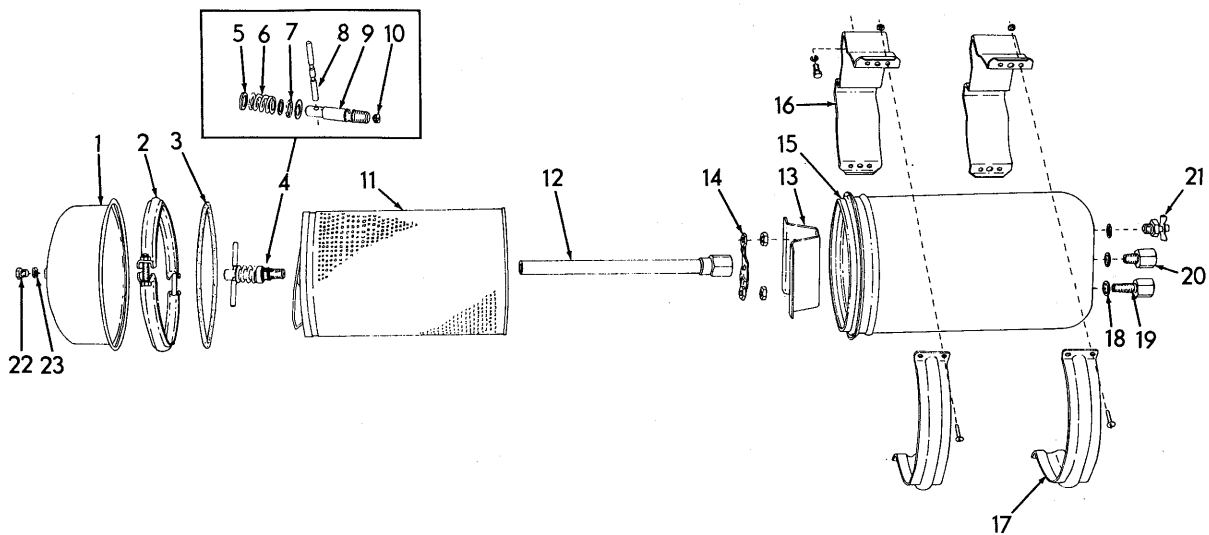


OIL FILTER LINES (By-pass type)

T-76240

OIL FILTER LINES
(By-pass type)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	FILTER ASSY., oil (See page 40)
2	0676861-8	1	HOSE ASSY., inlet (See HOSE PARTS)
	0919128-9	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
3	0676864-2	1	TUBE, inlet
4	0676860-0	1	HOSE ASSY., outlet (See HOSE PARTS)
	0919063-8	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
5	0676859-2	1	HOSE ASSY., outlet (See HOSE PARTS)
	0919128-9	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
6	0676865-9	1	TUBE, outlet
7	0679726-0	1	HOSE ASSY., inlet (See HOSE PARTS)
	0919063-8	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
8	0093752-4	6	BOOT
9	0097534-2	6	CLIP, tube supporting
	0922763-8	2	CAPSCREW, 3/8"NC x 1"
	0922300-9	1	CAPSCREW, 3/8"NC x 3/4"
10	0677006-9	3	WASHER, plain
11	0622922-3	2	CLIP, hose supporting
	0922763-8	1	CAPSCREW, 3/8"NC x 1"
	0677006-9	1	WASHER, plain



OIL FILTER (By-pass type)

T-74660

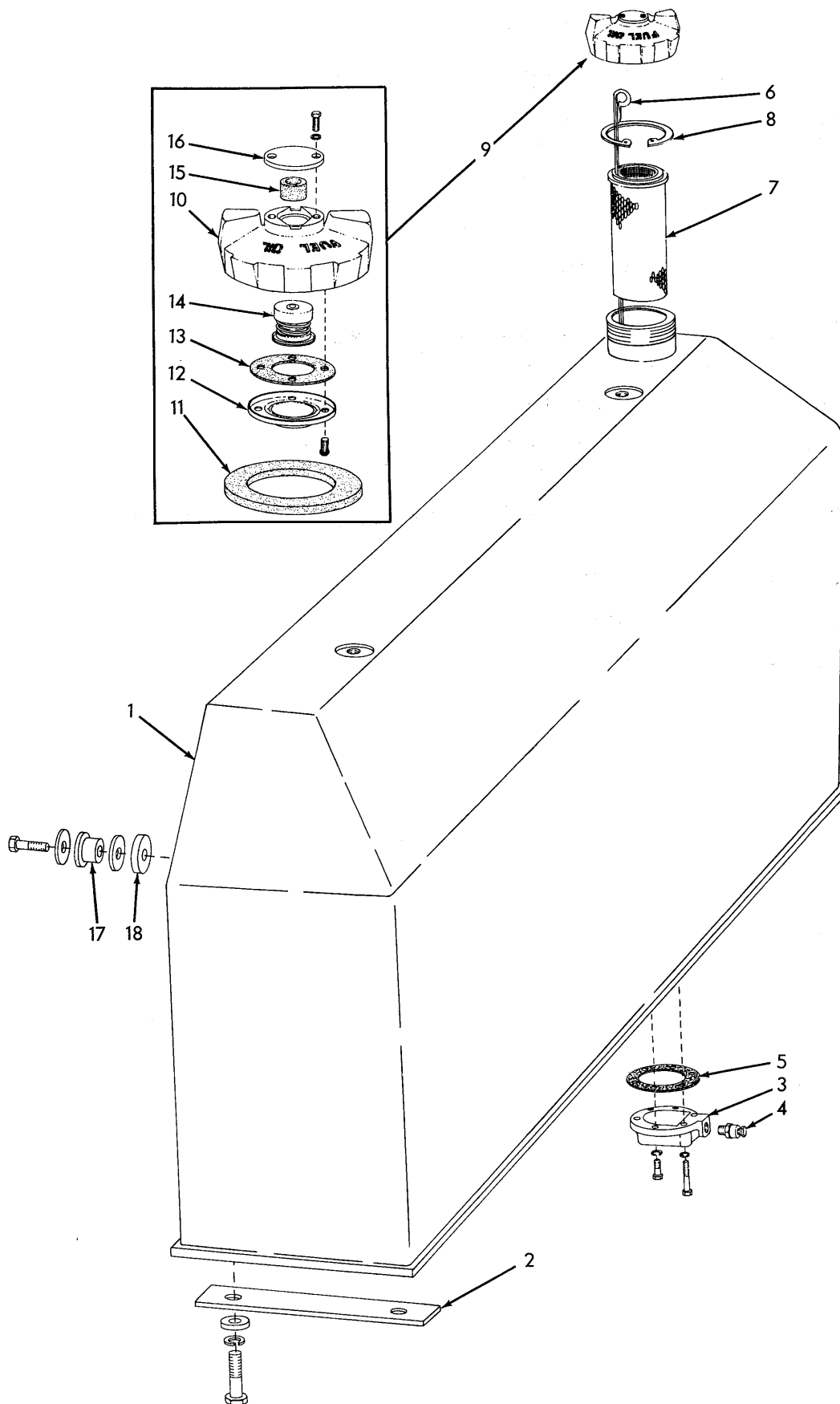
USAGE: See page 39

ITEM	PART NO.	QTY.	DESCRIPTION
-	4390593-4	1	FILTER ASSY. (Includes items 1 thru 23)
	0927162-8	8	CAPSCREW, 5/16"NC x 5/8"
	0910286-4	8	LOCKWASHER, 5/16"
<u>NOTE:</u> Quantities indicated are for one (1) filter only			
1	4059262-8	1	COVER
2	0630540-3	1	RING ASSY. (Includes nut and bolt)
3	0082449-0	1	GASKET
4	4059266-9	1	HOLD-DOWN ASSY. (Includes items 5 thru 10)
5	0082489-6	3	WASHER
6	0082490-4	1	SPRING
7	0082487-0	1	SEAL
8	0082488-8	1	HANDLE
9	-----	1	STUD (Not serviced separately)
10	4059265-1	1	PLUG
11	4059343-6	1	ELEMENT

(Continued)

OIL FILTER (By-pass type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	4059264-4	1	TUBE ASSY. (Includes nut)
13	0096816-4	1	SUPPORT
	0911049-5	2	NUT, jam, 5/8"NF
14	0096815-6	1	RETAINER
15	-----	1	HOUSING (Not serviced separately)
16	0082444-1	2	BRACKET
17	0082443-3	2	BAND
	0915406-3	8	CAPSCREW, 1/4"NC x 3/4"
	0911024-8	8	NUT, 1/4"NC
18	0063891-6	3	GASKET
19	0063890-8	1	VALVE ASSY. (Includes 1 spring, 1 ring, 1 cup. Serviced only as a unit)
20	0080758-6	1	VALVE ASSY. (Includes 1 spring, 1 ring, 1 cup. Serviced only as a unit)
21	0094167-4	1	COCK
22	0084897-8	1	PLUG
23	0084899-4	1	WASHER

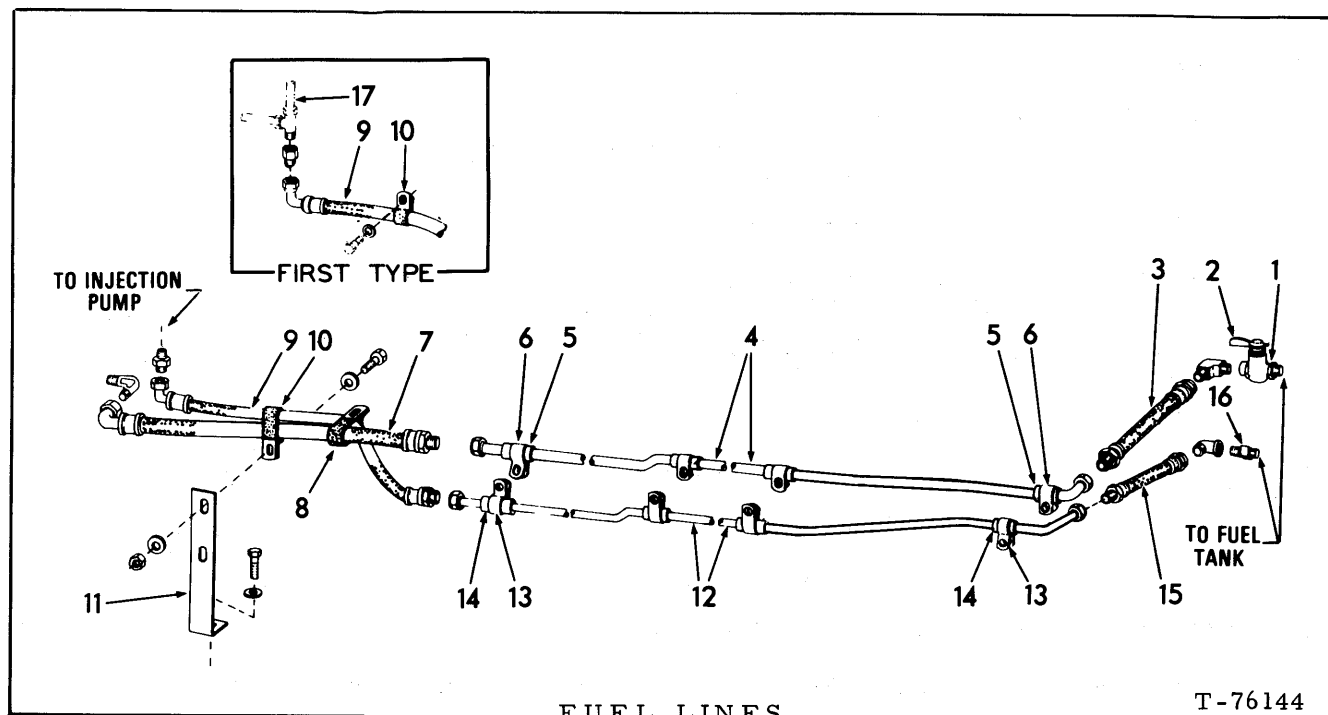


FUEL TANK

T-75077

FUEL TANK

ITEM	PART NO.	QTY.	DESCRIPTION
1	0682516-0	1	TANK, fuel
	0928291-4	8	CAPSCREW, Nylok, 3/4"NC x 2-1/2"
	0677012-7	8	WASHER, plain
2	0672523-8	4	PAD, tank mounting (fabric)
3	0662132-0	1	COVER, fuel tank drain
	0921076-6	4	CAPSCREW, 3/8"NC x 1-1/4"
	0920996-6	2	CAPSCREW, 3/8"NC x 2-1/4"
	0910287-2	6	LOCKWASHER, 3/8"
4	0633519-4	1	COCK, drain
5	0656227-6	1	GASKET, drain cover
6	0664075-9	1	GAUGE, fuel level
7	0650509-3	1	STRAINER, fuel filler
8	0654840-8	1	RING, snap, fuel strainer
9	0668252-0	1	CAP ASSY., fuel tank (Consists of items 10 thru 16)
10	-----	1	CAP only (Not serviced separately)
11	0668263-7	1	GASKET, cap
12	0668806-3	1	SEAT, relief valve
	0926699-0	4	SCREW, fil-hd., brass, #10-24NC x 3/8"
13	0668806-8	1	GASKET, valve seat
14	0668805-5	1	VALVE ASSY., relief (Serviced only as a unit)
15	0664867-9	1	ELEMENT, air filter
16	0668262-9	1	COVER, tank cap
	0921181-4	2	SCREW ASSY., #10-24NC x 1/2"(Includes lockwasher)
17	0642441-0	4	SNUBBER, vibration
	0927543-9	4	CAPSCREW, 1/2"NF x 2-1/4"
	0092163-5	8	WASHER, plain



ITEM	PART NO.	QTY.	DESCRIPTION
1	0092727-7	1	COCK, fuel shut-off (Includes item 2)
2	0082189-2	1	HANDLE, fuel shut-off cock
3	0650967-3	1	HOSE, fuel supply line, rear (See HOSE PARTS)(Not used when special Heavy-duty Fuel Filter is installed)
	0919206-3	1	ELBOW, flare type, 90°, 1/2" tube, 3/8" NPT male
4	0675241-4	1	TUBE ASSY., fuel supply line (Includes nuts)
5	0093752-4	4	BOOT, protecting, supply tube (rubber)
6	0097534-2	4	CLIP, supporting, supply tube
7	0675280-2	1	HOSE, fuel supply line, front (See HOSE PARTS)
	0922872-7	1	ELBOW, flare type, 90°, 1/2" tube, 1/4" NPT male
8	0643941-8	2	CLIP, hose supporting
9	0650765-1	1	HOSE, fuel return line, front (See HOSE PARTS)
	0924649-7	1	CONNECTOR, flare type, 3/8" tube, 1/8" NPT female
	0682954-3	1	HOSE, fuel return line, front
	0919062-0	1	CONNECTOR, flare type, 3/8" tube, 1/4" NPT male
10	0637741-0	1	CLIP, fuel return hose
	0901165-1	1	WASHER, plain, U.S.S. Std., 5/16"
	0643941-8	1	CLIP, fuel return hose
	0921076-6	1	CAPSCREW, 3/8" NC x 1-1/4"
	0677006-9	2	WASHER, plain
	0911026-3	1	NUT, 3/8" NC

Tractors prior to unit #17579

Tractors Unit #17579 and up

Tractors prior to unit #17579

Tractors unit #17579 and up

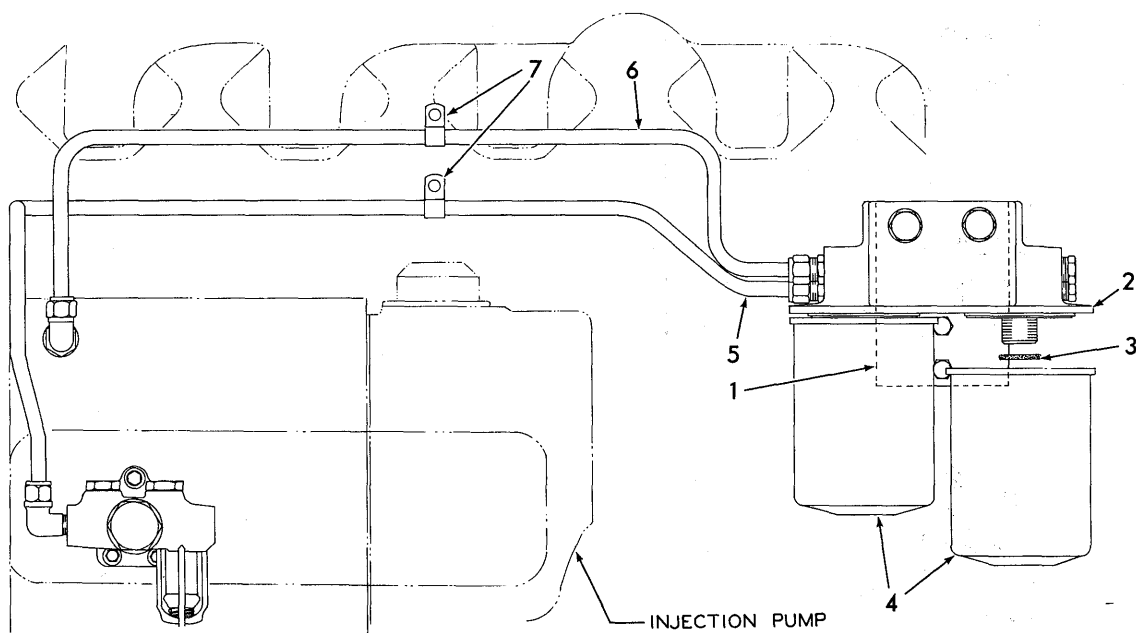
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(Revised February 1974)

FUEL LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	0682967-7	1	ANGLE, hose supporting
	0920582-4	1	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	1	WASHER, plain
			} Tractors unit #17579 and up
12	0675242-2	1	TUBE ASSY., fuel return line (Includes nuts)
13	0055234-9	4	CLIP, supporting, return tube
14	0093751-6	4	BOOT, protecting, return tube (rubber)
15	0681242-4	1	HOSE, fuel return line, rear (See HOSE PARTS)
	0921852-0	1	ELBOW, flare type, 90°, 3/8" tube, 1/4" NPT female
16	0914378-5	1	VALVE, shut-off, fuel return line (1/4" NPT)
17	-----	-	See INJECTION FUEL RETURN LINES

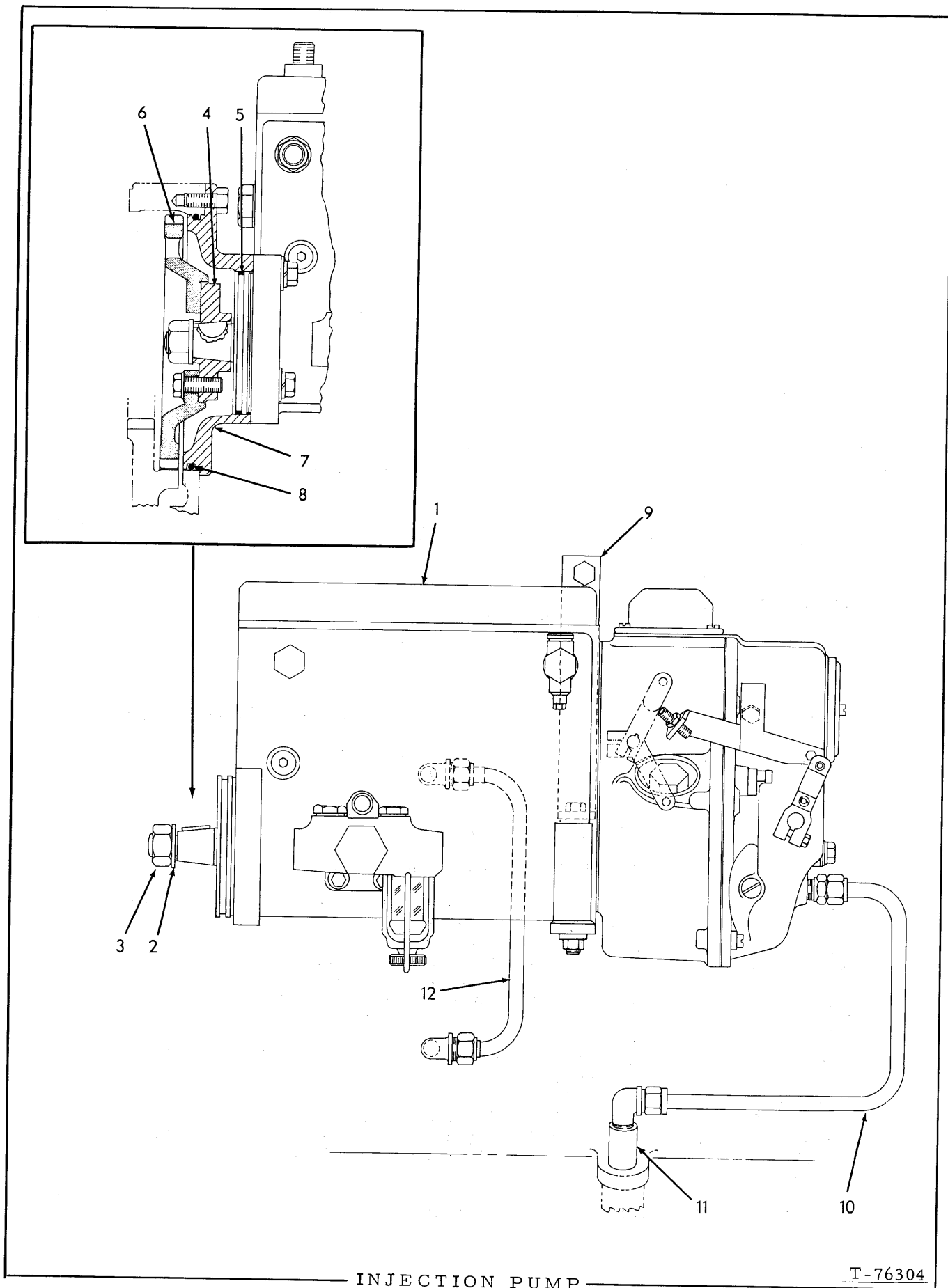
(Added February 1974)



FUEL FILTER

T-76267

ITEM	PART NO.	QTY.	DESCRIPTION
1	4359666-7	1	BRACKET, filter mounting
	0914670-5	2	CAPSCREW, 5/16"NC x 1-1/4"
	0904205-2	2	LOCKWASHER, 5/16"
2	4393077-5	1	HEAD ASSY., fuel filter
	0922577-2	2	PLUG, pipe, hex-hd., 9/16" straight thd. (Includes O-RING)
	0921885-0	2	O-RING
	0918683-4	2	CAPSCREW, 1/2"NC x 1-1/4"
	0904208-6	2	LOCKWASHER, 1/2"
	0912333-2	2	WASHER, plain
3	0923934-4	2	O-RING, filter element
4	4025230-6	2	ELEMENT, fuel filter (Includes item 3)
5	4359689-9	1	TUBE ASSY., transfer pump to filter (Includes NUTS and SLEEVES indented below)
	0917810-4	2	NUT, Imperial, 3/8" tube
	0917807-0	2	SLEEVE, Imperial, 3/8" tube
	0920280-5	1	ELBOW, Imperial, 3/8" tube, 1/4"NPT male
	4359776-4	1	CONNECTOR (Includes O-RING)
	0921885-0	1	O-RING
6	4359688-1	1	TUBE ASSY., filter to pump (Includes NUTS and SLEEVES indented below)
	0917810-4	2	NUT, Imperial, 3/8" tube
	0917807-0	2	SLEEVE, Imperial, 3/8" tube
	0920280-5	1	ELBOW, Imperial, 3/8" tube, 1/4"NPT male
	4359776-4	1	CONNECTOR, (Includes O-RING)
	0921885-0	1	O-RING
7	4255740-5	2	CLAMP, tube supporting



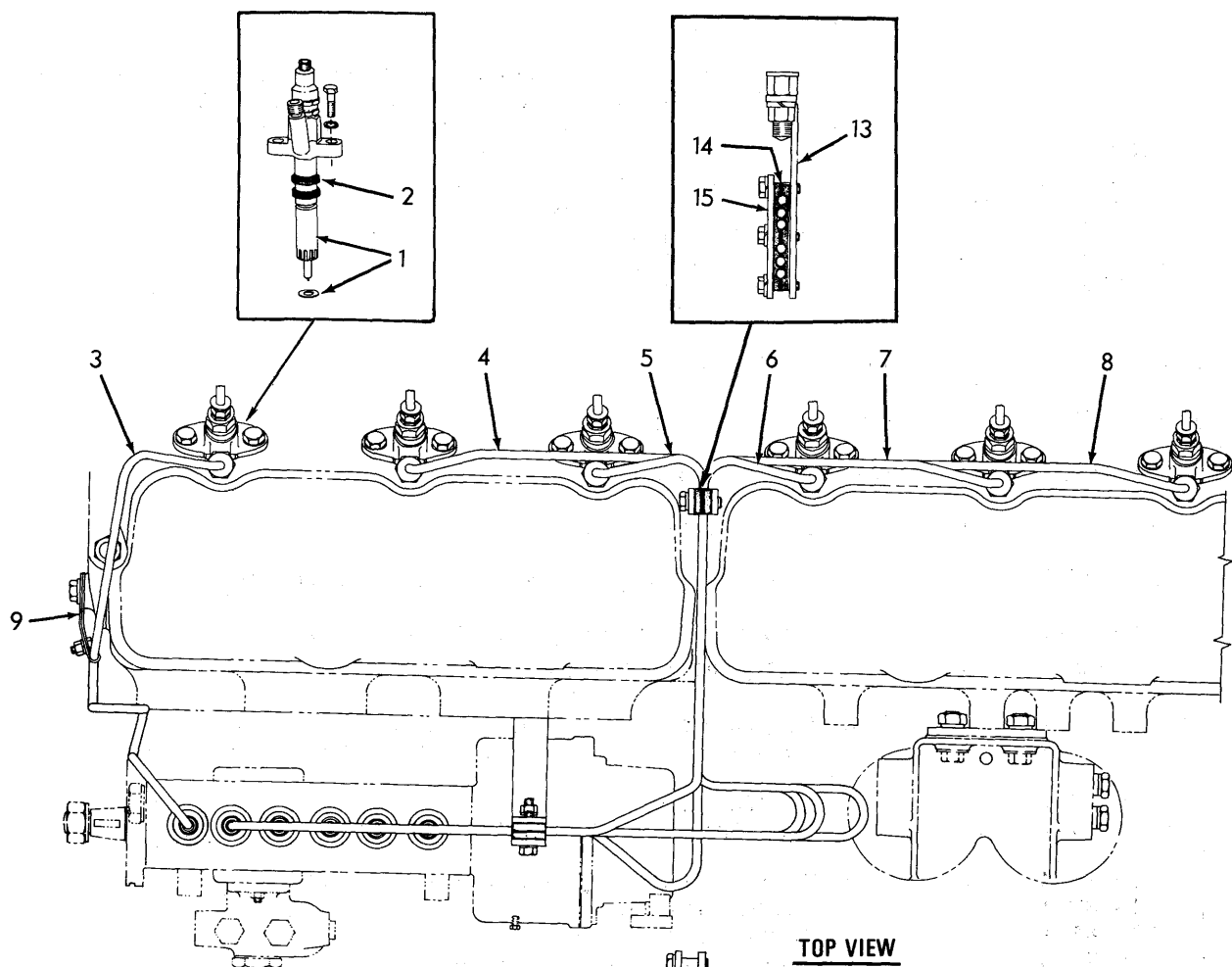
INJECTION PUMP

T-76304

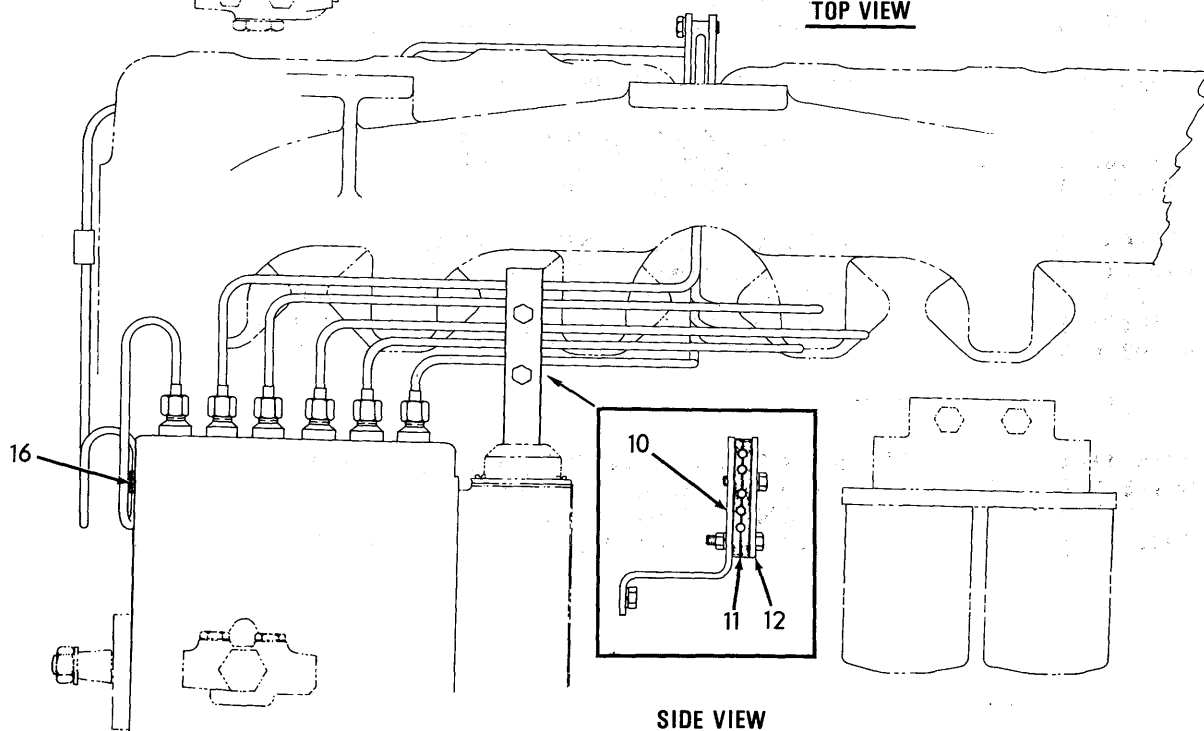
INJECTION PUMP

ITEM	PART NO.	QTY.	DESCRIPTION
1	4061285-5	1	PUMP KIT, injection (Includes item 2 thru 5)(Service replacement for original factory adjusted PUMP ASSEMBLIES 4359826-7, 4320816-4 and 4320940-2, requires calibration)
	4060141-1	1	KEY
	0914847-9	4	CAPSCREW, 3/8"NC x 1-1/2"
	0916275-1	1	CAPSCREW, 3/8"NC x 3-3/4"
	4344674-9	2	WASHER, plain
	0904206-0	4	LOCKWASHER, 3/8"
	0914900-6	4	WASHER, plain
	0910324-3	1	NUT, 3/8"NC
2	4060140-3	1	LOCKWASHER, adaptor retaining
3	4060139-5	1	NUT, adaptor retaining
4	4359663-4	1	ADAPTOR, gear mounting
5	4060799-6	1	O-RING, pump mounting
6	4359345-8	1	GEAR, pump driving (Engines prior to #11-18538)
	4359912-5	1	GEAR, pump driving (Engines #11-18538 and up)
	4255060-8	3	CAPSCREW, 3/8"NC x 1"
7	-----	1	COVER, pump mounting (Engines prior to #11-18538)(Order COVER 4359911-7, 1 SETSCREW 0922747-1 and 2 PLUG 0918887-1)
	0920333-2	1	PLUG, pipe
	0920473-6	5	CAPSCREW, Nylok, 3/8"NC x 3/4"
	4359911-7	1	COVER, pump mounting (Engines #11-18538 and up)
	0918887-1	2	PLUG, pipe, ctsk. -hex-socket, 3/8"NPT
	0922747-1	1	SETSCREW, nylok
	0920473-6	4	CAPSCREW, nylok, 3/8"NC x 3/4"
8	0924139-9	1	□ O-RING, pump mounting cover
9	4359348-2	1	BRACKET, pump mounting, rear
	0915408-9	1	CAPSCREW, 3/8"NC x 3/4"
	0904206-0	1	LOCKWASHER, 3/8"
10	4359661-8	1	TUBE ASSY. (Includes NUTS and SLEEVES)
	0917810-4	2	NUT, Imperial, 3/8" tube
	0917807-0	2	SLEEVE, Imperial, 3/8" tube (rubber)
	0920279-7	1	CONNECTOR, Imperial, 3/8" tube, 1/4"NPT
	0920280-5	1	ELBOW, Imperial, 3/8" tube, 1/4"NPT
11	4359667-5	1	PIPE
12	4359344-1	1	TUBE ASSY. (Includes NUTS and SLEEVES)
	0917810-4	2	NUT Imperial 3/8" tube
	0917807-0	2	SLEEVE, Imperial 3/8" tube
	0920790-3	2	ELBOW, Imperial, 3/8" tube, 1/8"NPT

(Revised February 1974)



TOP VIEW



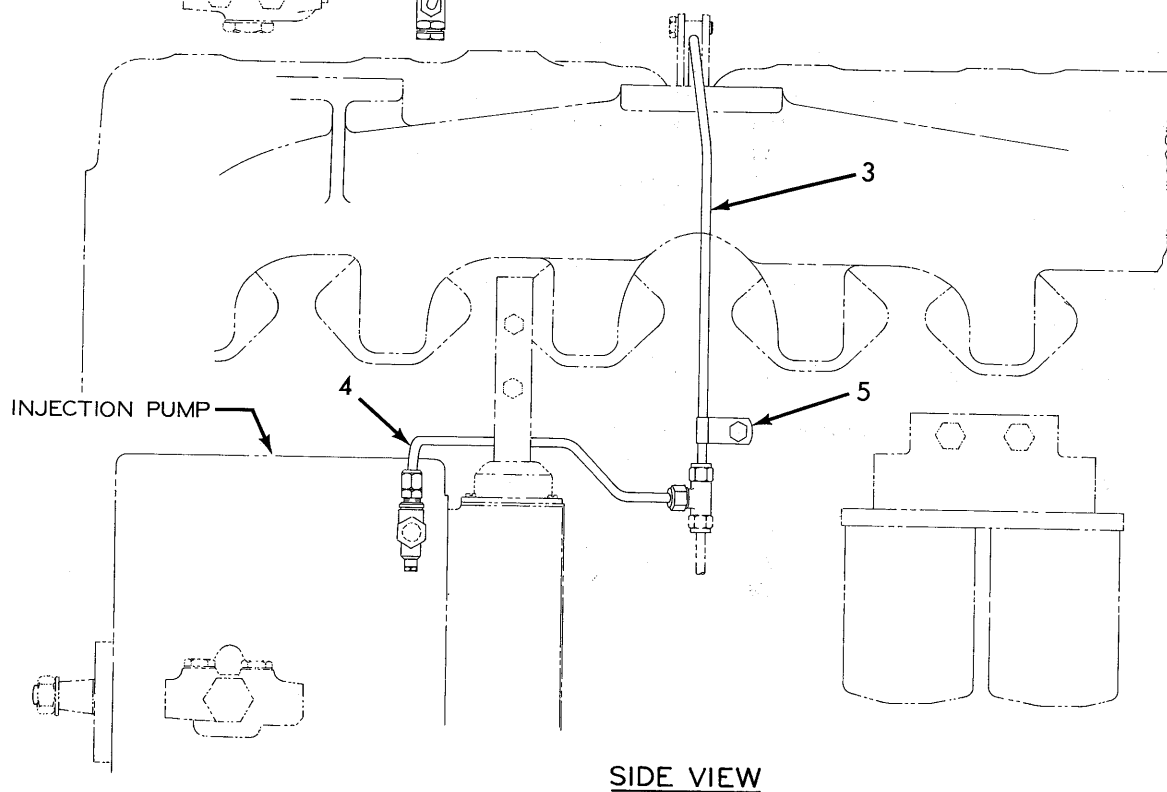
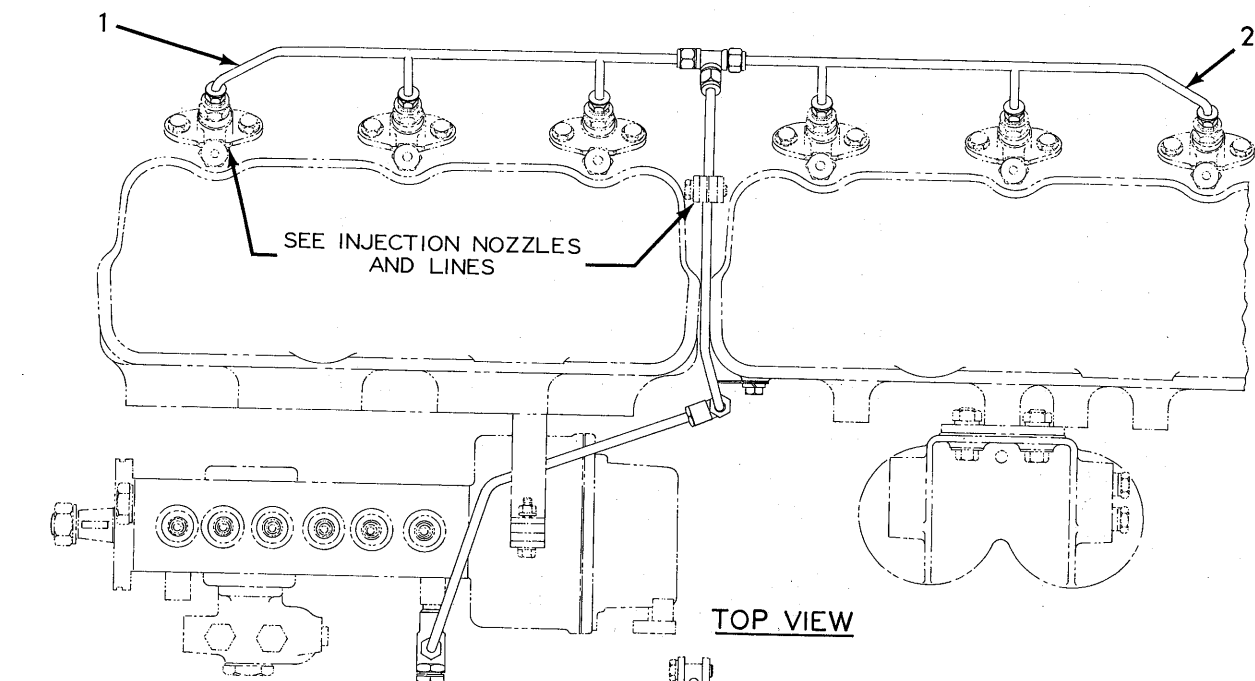
SIDE VIEW

INJECTION NOZZLES AND LINES

T-76302

INJECTION NOZZLES AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	HOLDER ASSY., injection nozzles (See page 52 and 52A)
	0914847-9	12	CAPSCREW, 3/8"NC x 1-1/2"
	0904206-0	12	LOCKWASHER, 3/8"
2	4025385-8	12	SHIELD, dirt
3	4359326-8	1	TUBE ASSY., fuel injection (#1 cylinder)
4	4359327-6	1	TUBE ASSY., fuel injection (#2 cylinder)
5	4359328-4	1	TUBE ASSY., fuel injection (#3 cylinder)
6	4359329-2	1	TUBE ASSY., fuel injection (#4 cylinder)
7	4359330-0	1	TUBE ASSY., fuel injection (#5 cylinder)
8	4359331-8	1	TUBE ASSY., fuel injection (#6 cylinder)
9	4256001-1	1	CLIP, injection tube (#1 cylinder)
	0916284-3	1	CAPSCREW, 1/4"NC x 1/2"
	0910285-6	1	LOCKWASHER, 1/4"
	0910880-4	1	NUT, 1/4"NC
10	4359333-4	1	BRACKET, tube supporting, lower
	0915408-9	1	CAPSCREW, 3/8"NC x 3/4"
	0904206-0	1	LOCKWASHER, 3/8"
11	4336532-9	2	SPACER, injection tubes, lower
12	4339334-7	1	PLATE, clamping, injection tubes, lower
	0914670-5	1	CAPSCREW, 5/16"NC x 1-1/8"
	0916279-3	1	CAPSCREW, 5/16"NC x 1-1/2"
	0904205-2	2	LOCKWASHER, 5/16"
	0910323-5	1	NUT, 5/16"NC
13	4336249-0	1	BRACKET, tube supporting, upper
	0910195-7	1	NUT, 1/2"NF
	0904208-6	1	LOCKWASHER, 1/2"
14	4507359-0	2	SPACER, injection tubes, upper
15	4336250-8	1	CLAMP, injection tubes, upper
	0914670-5	3	CAPSCREW, 5/16"NC x 1-1/8"
	0904205-2	3	LOCKWASHER, 5/16"
16	0929910-8	1	CLAMP
	0929911-6	1	CAPSCREW
	0910285-6	1	LOCKWASHER, 1/4"

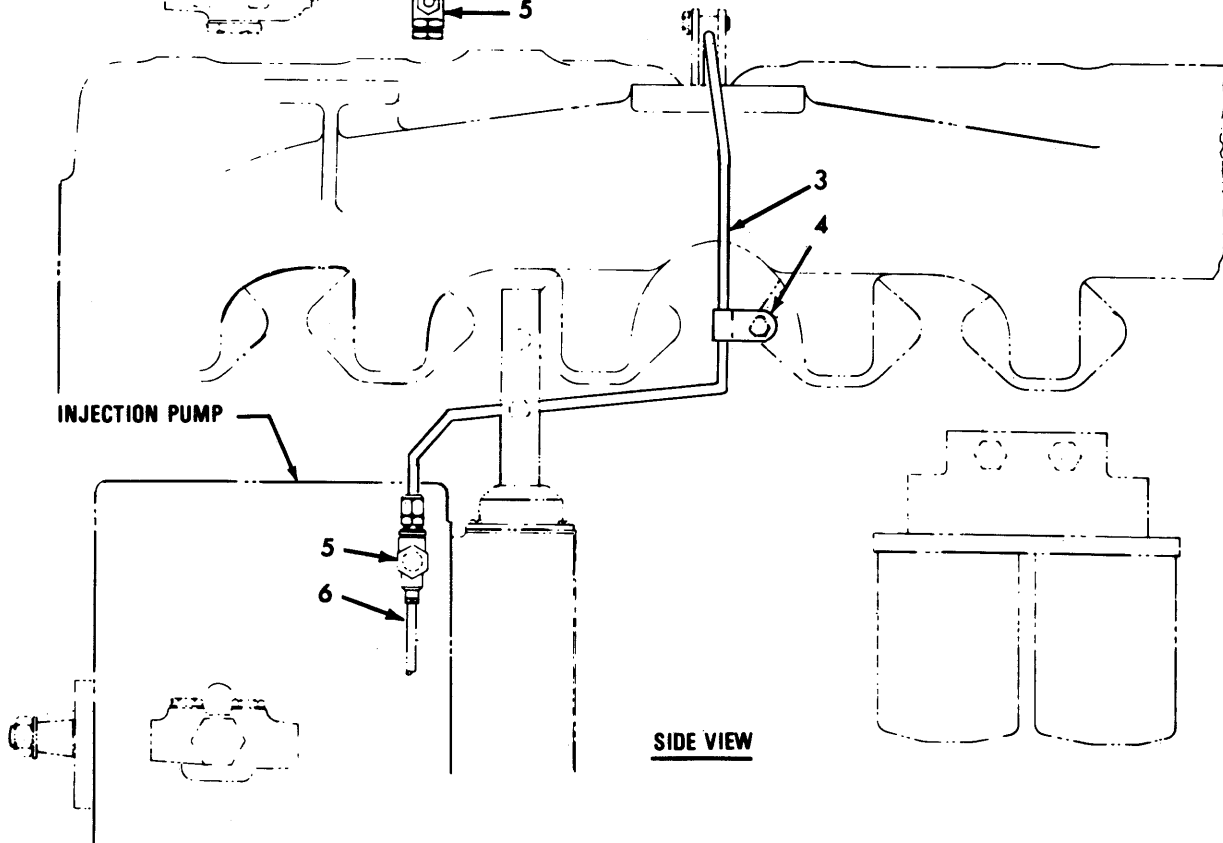
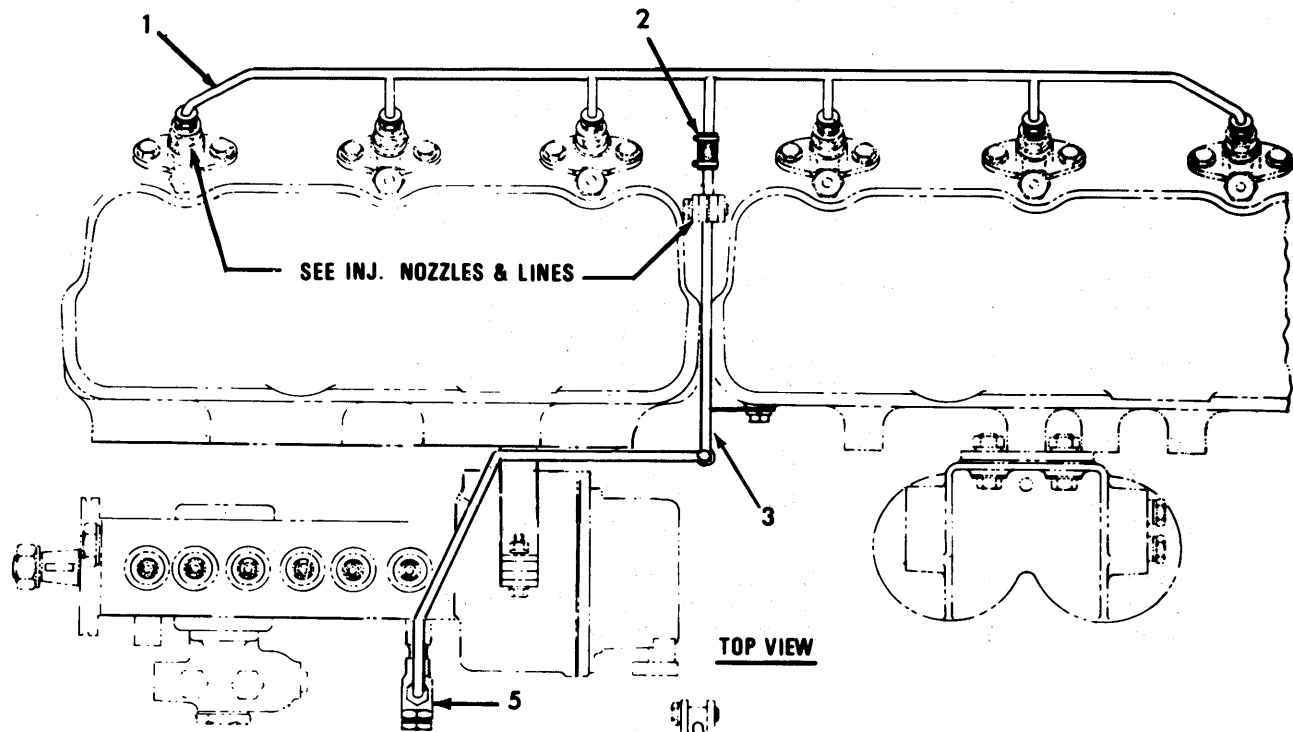


INJECTION FUEL RETURN LINES

USAGE: Engines prior to serial No. 11-20378

ITEM	PART NO.	QTY.	DESCRIPTION
1	4336680-6	1	MANIFOLD, front
	0917809-6	4	NUT, Imperial, 1/4" tube
	0917806-2	4	SLEEVE, Imperial, 1/4" tube
2	4336681-4	1	MANIFOLD, rear
	0917809-6	4	NUT, Imperial, 1/4" tube
	0917806-2	4	SLEEVE, Imperial, 1/4" tube
3	4359678-2	1	TUBE, manifold return
	0917809-6	2	NUT, Imperial, 1/4" tube
	0917806-2	2	SLEEVE, Imperial, 1/4" tube
	0919797-1	1	TEE, union, Imperial, 1/4" tube
	0920411-6	1	TEE, service, Imperial, 1/4" tube, 1/8"NPT male
4	4359337-5	1	TUBE, pump return
	0917809-6	2	NUT, Imperial, 1/4" tube
	0917806-2	2	SLEEVE, Imperial, 1/4" tube
	0919800-3	1	CONNECTOR, Imperial, 1/4" tube, 1/8"NPT male
5	4339949-2	1	CLAMP, manifold return tube
	0916277-7	1	CAPSCREW, 5/16"NC x 5/8"
	0904205-2	1	LOCKWASHER, 5/16"

(Revised February 1974)



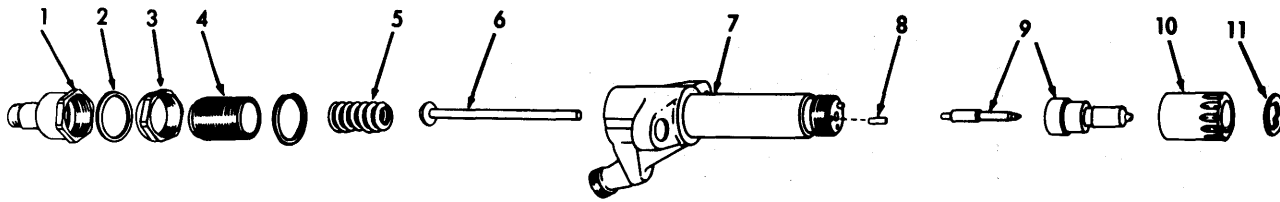
FUEL INJECTION RETURN LINES

(Added February 1974)

FUEL INJECTION RETURN LINES

USAGE: Engines serial No. 11-20378 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	4320638-2	1	MANIFOLD, front
	0917809-6	6	NUT, Imperial, 1/4" tube
	0917806-2	6	SLEEVE, Imperial, 1/4" tube
2	4514780-8	1	HOSE, tube to manifold
	0927450-7	2	CLAMP, hose
3	4320637-4	1	TUBE, manifold return
	0917809-6	1	NUT, Imperial, 1/4" tube
	0917806-2	1	SLEEVE, Imperial, 1/4" tube
	0919800-3	1	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
4	4716090-8	1	CLAMP, manifold return tube
5	-----	-	See FUEL INJECTION PUMP Parts Catalog
6	-----	-	See FUEL LINES



INJECTION NOZZLE PARTS

T-33500

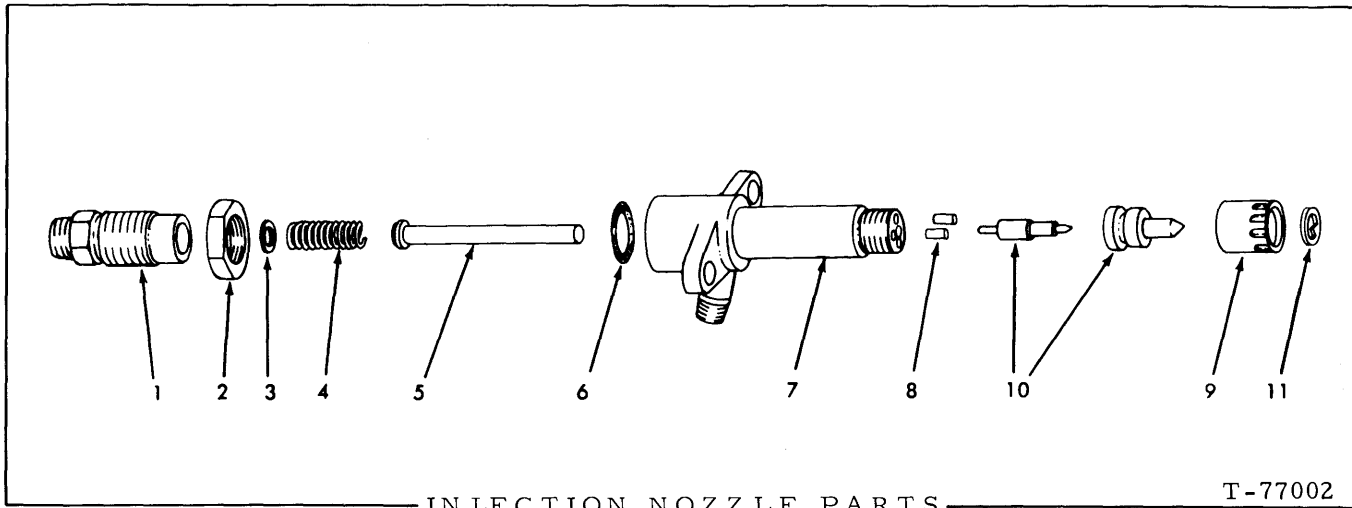
USAGE: See page 49. Engines prior to serial No. 11-20378

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: Quantities indicated are for one (1) Holder Assembly only.

-	4359401-9	1	HOLDER ASSY. (Engines prior to #11-1899 excluding #11-18862 thru #11-18934)	} Not serviced. Order HOLDER ASSY. 4060856-4 and item 9
-	4359396-1	1	HOLDER ASSY. (Engines #11-18999 and up including #11-18862 thru #11-18934)	
-	4060856-4	1	HOLDER ASSY. (Includes items 1 thru 8, 10 and 11)	
1	4021227-6	1	CAP	
2	4511243-0	2	GASKET, cap nut	
3	4511213-3	1	NUT, locking	
4	4378033-7	1	SCREW, adjusting	
5	4380652-0	1	SPRING	
6	4380656-1	1	SPINDLE	
7	-----	1	BODY (Not serviced separately)	
8	4025149-8	2	PIN, nozzle locating	
9	4359591-7	1	NOZZLE ASSY., (Includes item 11 (For use with HOLDER ASSY. 4359401-9)	
	4359395-3	1	NOZZLE ASSY. (Includes item 11)(For use with HOLDER ASSY. 4359396-1)	
10	4380662-9	1	NUT, nozzle retaining	
11	4378031-1	1	□GASKET, nozzle holder	

(Revised February 1974)



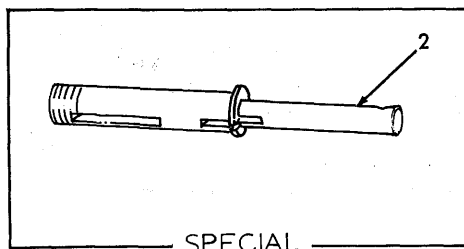
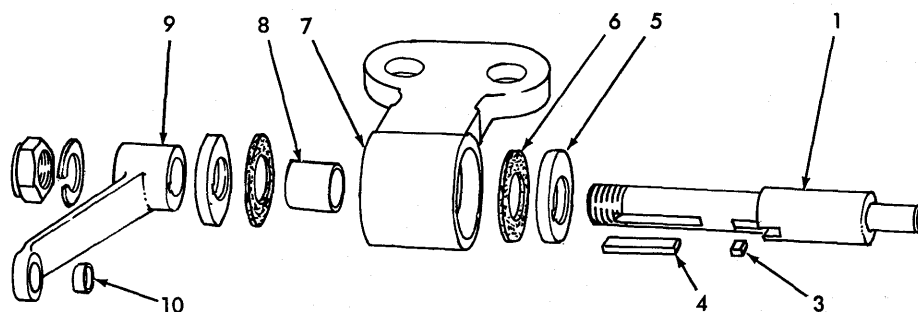
USAGE: See page 49. Engine Serial No. 11-20378 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: Quantities indicated are for one (1) Holder Assy. only.

-	4320642-4	1	HOLDER ASSY. (Not serviced. Order HOLDER ASSY. 4060908-3 and item 10)
-	4060908-3	1	HOLDER ASSY. (Includes items 1 thru 9)
1	4023570-7	1	SCREW, adjusting
2	4511213-3	1	NUT, locking
3	4023571-5	1	WASHER, adjusting screw
4	4380652-0	1	SPRING
5	4380656-1	1	SPINDLE
6	0928049-6	1	O-RING
7	-----	1	BODY (Not serviced separately)
8	4025149-8	2	PIN, nozzle locating
9	4380662-9	1	NUT, nozzle retaining
10	4359395-3	1	NOZZLE ASSY. (Includes item 11)(Not a component of Holder Assy.)
11	4378031-1	1	☐ GASKET, nozzle holder

(Added February 1974)



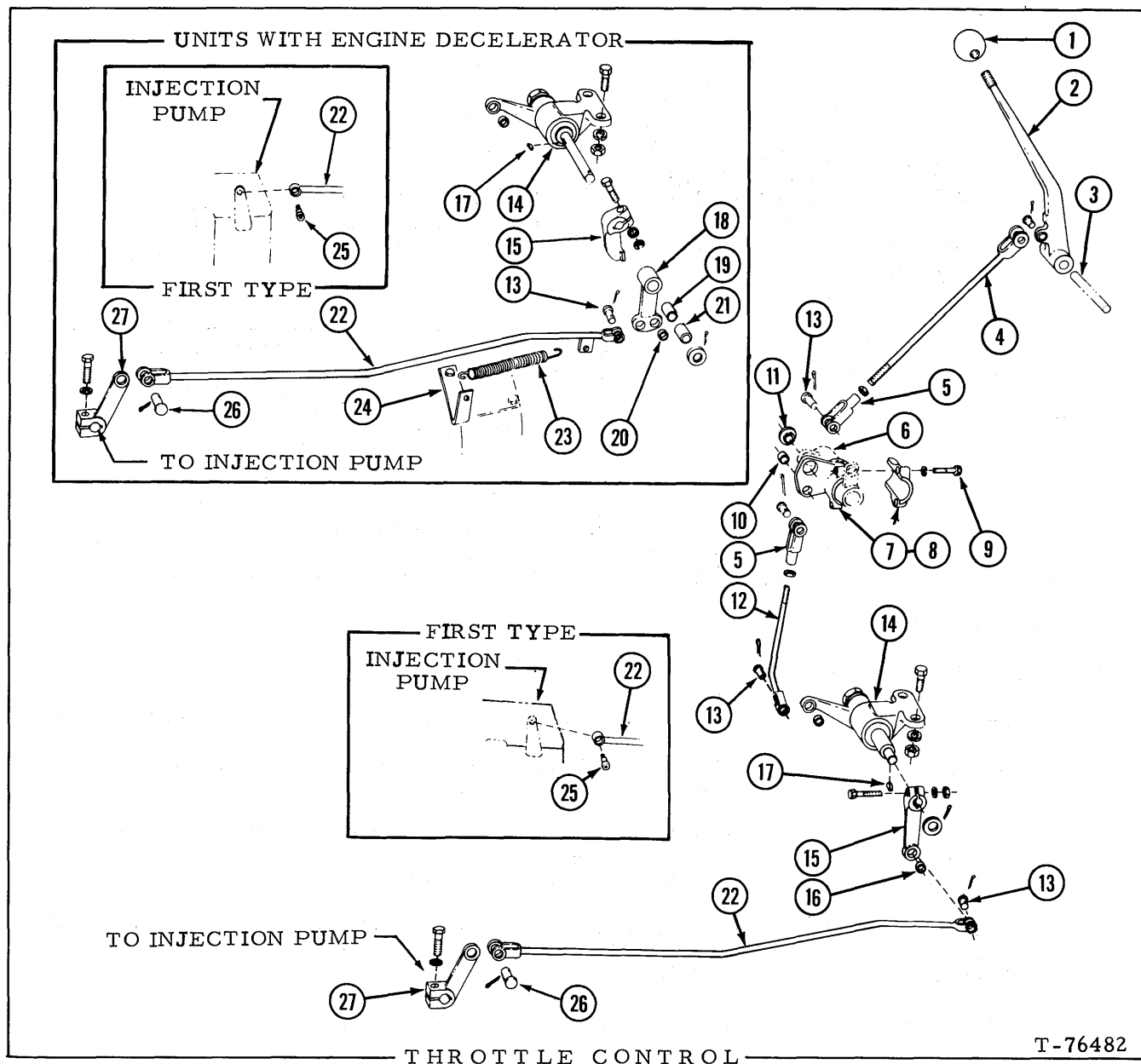
SPECIAL

T-74688

THROTTLE FRICTION PARTS

USAGE: See page 55

ITEM	PART NO.	QTY.	DESCRIPTION
-	0643898-0	1	FRICTION ASSY., (Includes item 1 and 3 thru 10)(Standard)
-	0634087-1	1	FRICTION ASSY., (Includes items 2 thru 10)(Special, for units equipped with engine decelerator)
1	0643897-2	1	SHAFT, throttle levers (For FRICTION ASSY., 0643898-0)
	0904369-6	1	LOCKWASHER, 3/4"
	0914452-8	1	NUT, elastic stop, 3/4"
2	0634088-9	1	SHAFT, throttle levers (For FRICTION ASSY., 0634087-1)
	0904369-6	1	LOCKWASHER, 3/4"
	0914452-8	1	NUT, elastic stop, 3/4"
3	0632716-7	1	KEY, friction washer (short)
4	0916024-3	1	KEY, friction washer and lever (3/16" x 3/16" x 1-14")
5	0632710-0	2	WASHER, friction
6	0632747-2	2	DISC, friction
7	0632766-2	1	HOUSING ASSEMBLY, friction (Includes item 8)
8	0632752-2	1	BUSHING, friction housing
9	0633122-7	1	LEVER ASSEMBLY, friction (Includes item 10)
10	0624584-9	1	BUSHING, friction lever



* Standard

** Special. For units equipped with engine decelerator

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	0090020-9	1	1	KNOB, throttle lever
2	0679883-9	1	1	LEVER, throttle
3	-----	-	-	SHAFT, operating lever (See STEERING LEVERS AND LINKAGE)
4	0665589-8	1	1	ROD, upper
	0911048-7	1	1	NUT, jam, 3/8"NF
5	0628736-1	2	2	YOKE, upper rods
6	-----	-	-	LEVER, operating (See STEERING LEVERS AND LINKAGE)
7	0657861-1	1	1	BELLCRANK ASSY. (Includes CAP and items 9 thru 11)

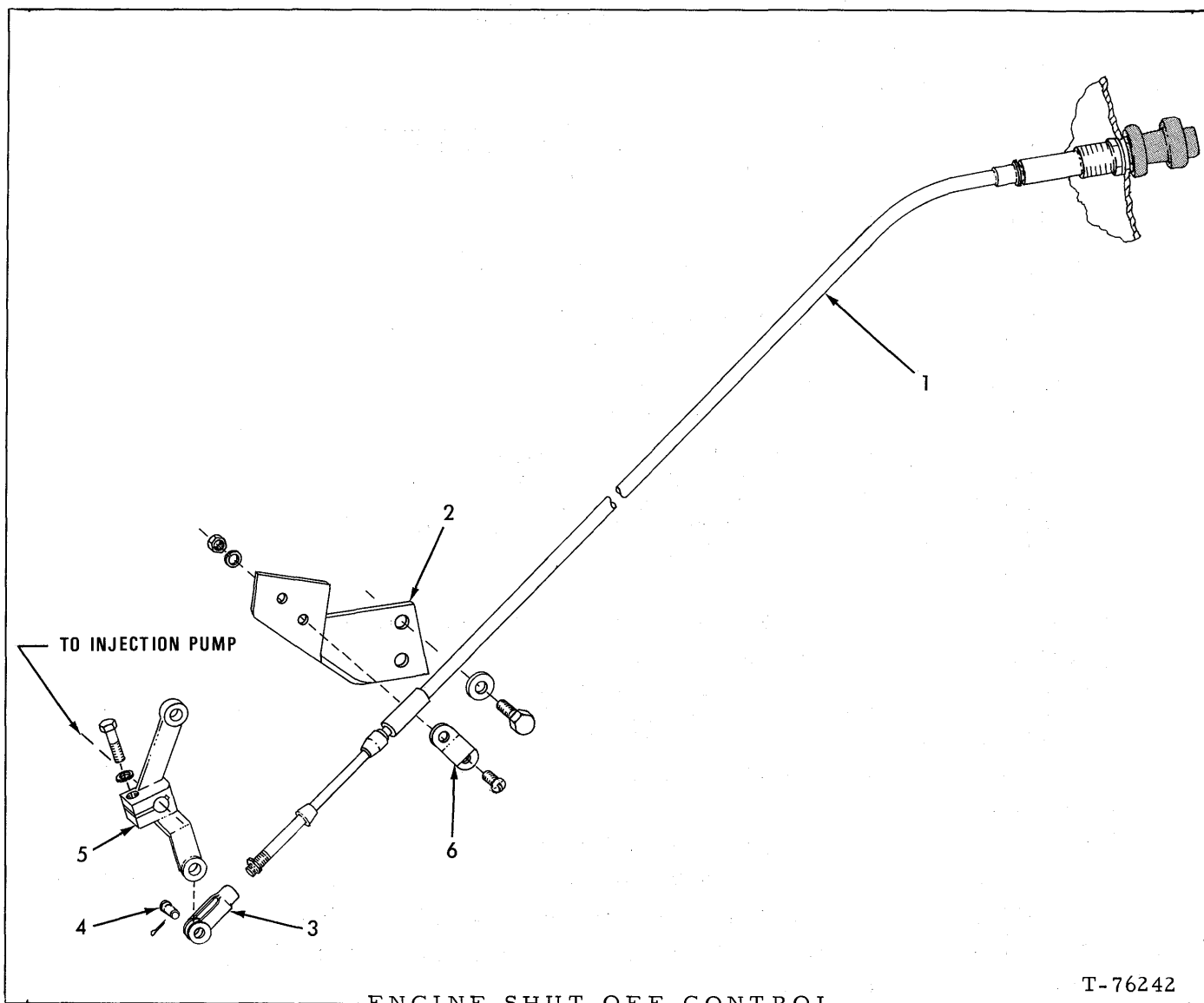
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(Revised October 1972)

T H R O T T L E C O N T R O L (C o n t i n u e d)

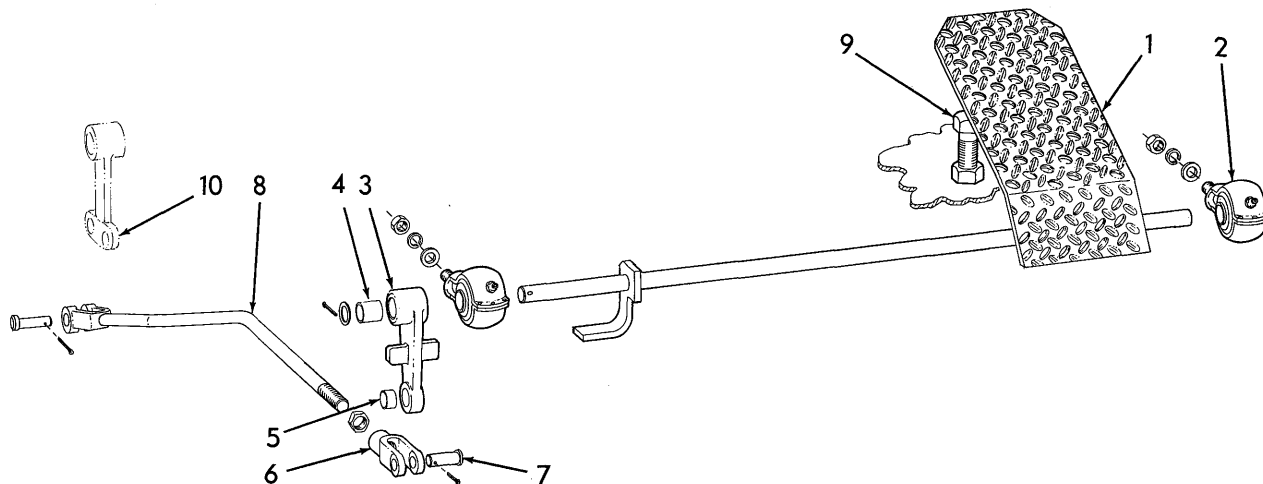
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
8	-----	1	1	CAP, bellcrank (Not serviced separately)
9	0905658-1	2	2	CAPSCREW, 1/4"NC x 1-1/4"
	0904204-5	2	2	LOCKWASHER, 1/4"
10	0624584-9	1	1	BUSHING, bellcrank
11	0650712-3	1	1	BEARING, bellcrank (spherical)
12	0657862-9	1	1	ROD, intermediate, upper
	0911048-7	1	1	NUT, jam, 3/8"NF
13	0078810-9	5	5	PIN, yoke, control rods
	0900942-4	5	5	PIN, cotter, 3/32" x 5/8"
14	-----	1	1	FRICITION ASSY. (See page 53)
	0910244-3	1	1	WASHER, plain, SAE std., 1/2"
	0900806-1	1	1	PIN, cotter, 1/8" x 1"
	0920574-1	2	2	CAPSCREW, 1/2"NC x 1-3/8"
	0912441-3	2	2	LOCKWASHER, 1/2"
	0911028-9	2	2	NUT, 1/2"NC
15	{ 0633469-2	1	-	LEVER ASSY., friction shaft (Includes item 16)
	0633123-5	-	1	LEVER, friction shaft
	0920660-8	1	1	CAPSCREW, 5/16"NC x 1-1/2"
	0910286-4	1	1	LOCKWASHER, 5/16"
	0911025-5	1	1	NUT, 5/16"NC
16	0624584-9	1	-	BUSHING, friction shaft lever
17	{ 0905119-4	1	-	KEY, friction shaft lever
	0632756-3	-	1	KEY, friction shaft lever
18	0666795-0	-	1	LEVER ASSY., intermediate lower rod (Includes items 19 and 20)
19	0631476-9	-	1	BUSHING, intermediate lower rod lever (large)
20	0624584-9	-	2	BUSHING, intermediate lower rod lever (small)
21	0610563-9	-	1	SPACER
22	{ -----	1	-	ROD, intermediate, lower (Tractors prior to unit #16559. Order ROD 0681819-9 and items 26 and 27)
	0681819-9	1	-	ROD, intermediate, lower (Tractors unit #16559 and up)
	-----	-	1	ROD, intermediate, lower (Tractors prior to unit #16559. Order ROD 0681827-2 and items 26 and 27)
	0681827-2	-	1	ROD, intermediate, lower (Tractors unit #16559 and up)
23	0043881-2	-	1	SPRING, intermediate lower rod
24	0634072-3	-	1	BRACKET, intermediate lower rod spring
	0927541-3	-	2	CAPSCREW, 1/4"NC x 3/4" } Also attach timing
	0904204-5	-	2	LOCKWASHER, 1/4" } hole cover
25	0679087-7	1	1	SCREW, shoulder (Tractors prior to unit #16559)
26	0628738-7	1	1	PIN, yoke, intermediate lower rod
	0900970-5	1	1	PIN, cotter, 1/16" x 1/2"
27	4393259-9	1	1	LEVER, intermediate lower rod
	0927612-2	1	1	CAPSCREW, 5/16"NC x 5/8"
	0910286-4	1	1	LOCKWASHER, 5/16"

(Revised October 1972)



ITEM	PART NO.	QTY.	DESCRIPTION
1	0679992-8	1	CABLE ASSY., push-pull (Serviced only as a unit)
2	0680017-1	1	BRACKET, cable supporting
	0922925-3	2	CAPSCREW, 5/16"NC x 3/4"
	0677005-1	2	WASHER, plain
3	0196606-8	1	CLEVIS
4	0628738-7	1	PIN, clevis
	0900970-5	1	PIN, cotter, 1/16" x 1/2"
5	4393260-7	1	LEVER ASSY.
	0916277-7	1	CAPSCREW, 5/16"NC x 5/8"
	0904205-2	1	LOCKWASHER, 5/16"
6	0680023-9	1	CLAMP
	0901173-5	2	SCREW, machine, #10NC x 5/8"
	0910284-9	2	LOCKWASHER, #10
	0910310-2	2	NUT, #10 NC

(Revised October 1972)



T-72347

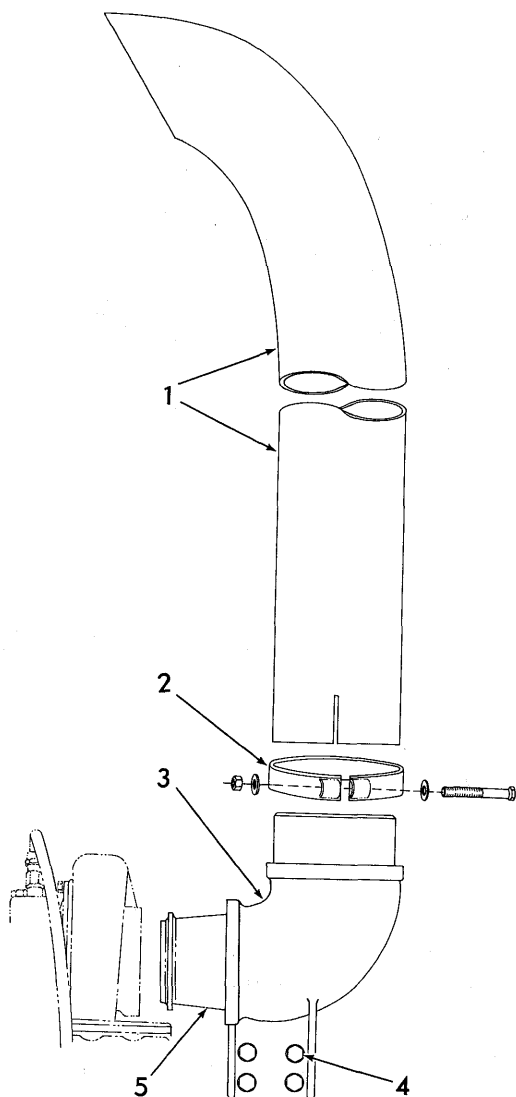
ENGINE DECELERATOR

ITEM	PART NO.	QTY.	DESCRIPTION
1	0673752-2	1	PEDAL
	0910244-3	1	WASHER, plain, SAE std., 1/2"
	0900806-1	1	PIN, cotter, 1/8" x 1"
2	0651002-8	2	BEARING, pedal (Includes FITTING)
	0901165-1	2	WASHER, plain, U.S. std., 5/16"
	0910286-4	2	LOCKWASHER, 5/16"
	0911025-5	2	NUT, 5/16" NC
3	0631498-3	1	LEVER ASSY., (Includes items 4 and 5)
4	0631476-9	1	BUSHING, lever (7/8" long)
5	0624584-9	1	BUSHING, lever (1/2" long)
6	0628736-1	1	YOKE, lever rod
7	0078810-9	2	PIN, yoke, lever rod
	0900942-4	2	PIN, cotter, 3/32" x 5/8"
8	0666116-8	1	ROD, lever
	0911048-7	1	NUT, 3/8"NF
9	0927546-2	1	CAPSCREW, pedal stop (1/2"NC x 2-3/16")
	0911035-4	1	NUT, jam, 1/2"NC
10	-----	-	LEVER ASSY., (See THROTTLE CONTROL)

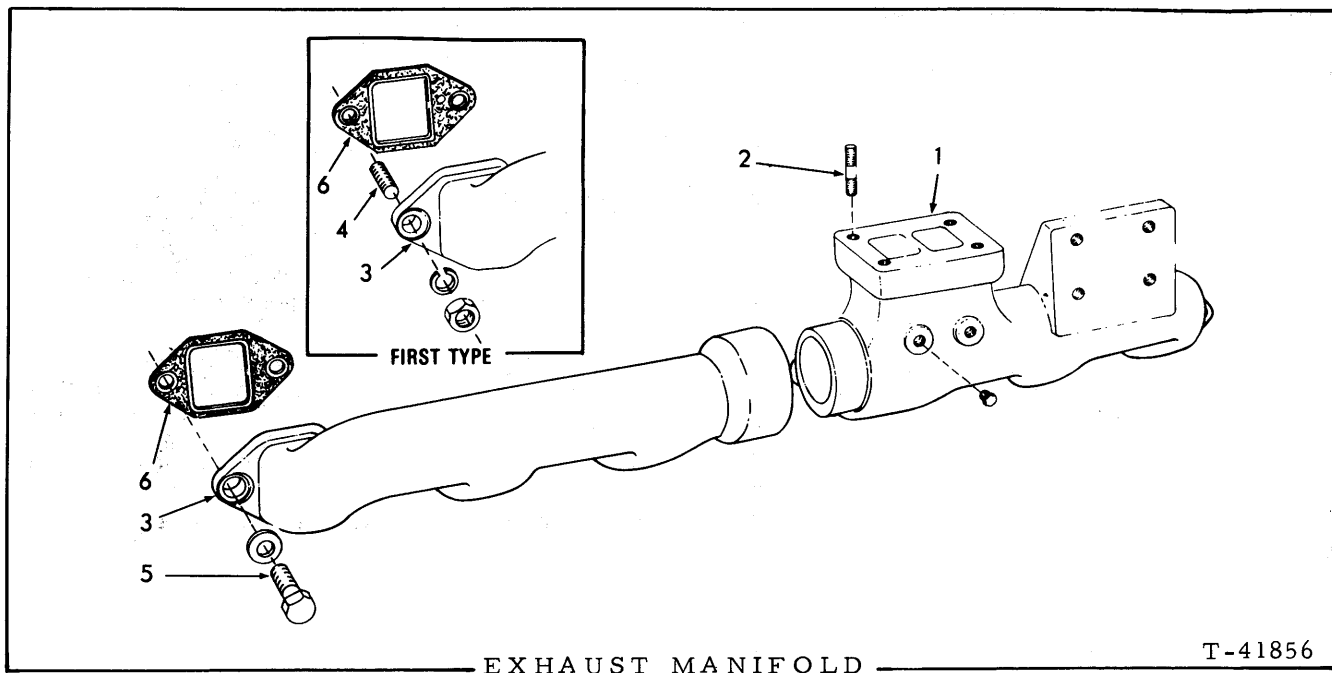
MEMO

EXHAUST PIPE

ITEM	PART NO.	QTY.	DESCRIPTION
1	0666456-9	1	PIPE, exhaust
2	0638922-5	1	CLAMP, exhaust pipe
	0922848-7	1	CAPSCREW, 3/8"NF x 3-1/4"
	0044973-6	2	WASHER, plain
	0911026-3	1	NUT, 3/8"NF
3	4359207-0	1	ELBOW, exhaust
4	4255003-8	4	CAPSCREW, stain- less steel, 3/8"NC x 1-1/4"
	0904206-0	4	LOCKWASHER, 3/8"
5	4359205-4	1	DIFFUSER, exhaust

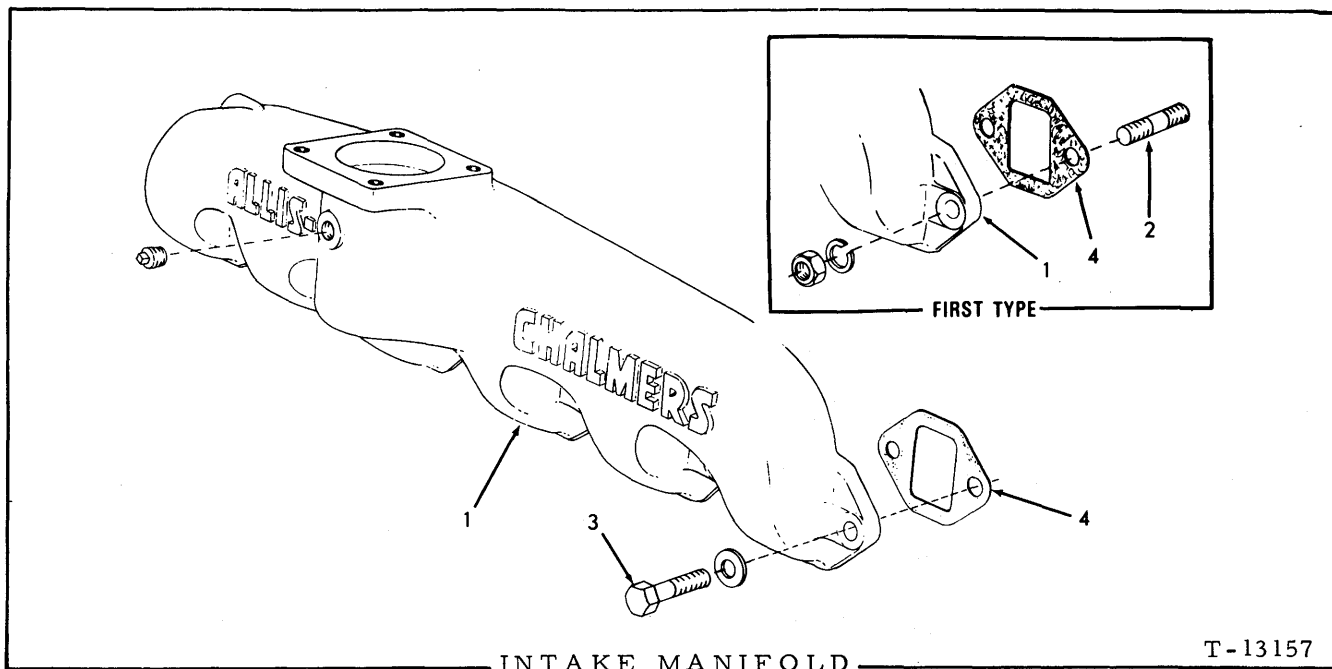


T-76245



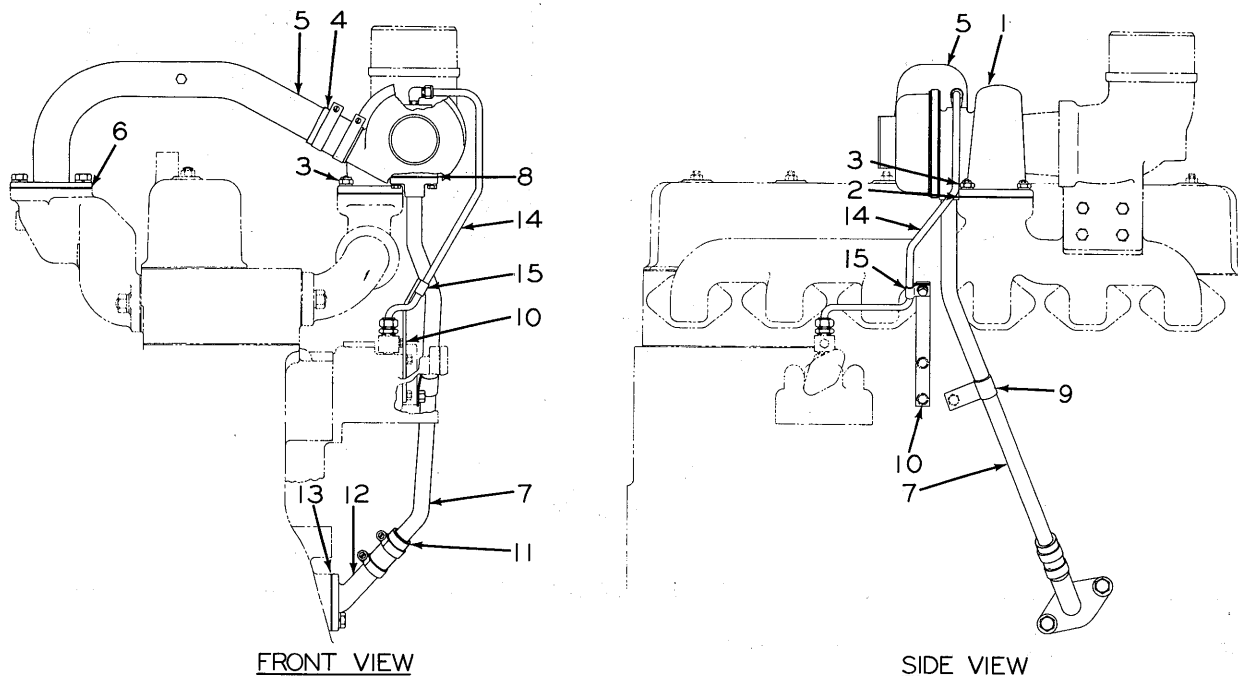
ITEM	PART NO.	QTY.	DESCRIPTION	
1	4359206-2	1	MANIFOLD, front	
	0919840-9	2	PLUG, pipe, hex-hd., 1/4"NPT	
2	4513701-5	4	STUD	
3	4335623-7	1	MANIFOLD	
4	4346208-4	12	STUD	
	0904208-6	12	LOCKWASHER, 1/2"	} Engines prior to #11-19608
	4253270-5	12	NUT, manifold stud	
5	0915987-2	12	CAPSCREW, 1/2"NC x 1-1/2"	} Engines #11-19608 and up
	4371107-6	12	WASHER, plain	
6	4359741-2	6	□GASKET	

(Revised February 1974)



ITEM	PART NO.	QTY.	DESCRIPTION	
1	4359955-4	1	MANIFOLD, intake	
	0901652-8	1	PLUG, pipe, 1/4"NPT (Late units)	
2	4339378-4	2	STUD, intake manifold (2-1/2" long)	Engines prior to #11-19608
	4346208-4	10	STUD, intake manifold (2-1/8" long)	
	0904208-6	12	LOCKWASHER, 1/2"	
	0910325-0	12	NUT, 1/2"NC	
3	4255914-2	12	CAPSCREW, Nylok, 1/2"NC x 1-1/2"	Engines #11-19608 and up
	4371107-6	12	WASHER, plain	
4	4359741-8	6	GASKET, intake manifold	

(Revised February 1974)



TURBOCHARGER
(Model T-04)

T-76470

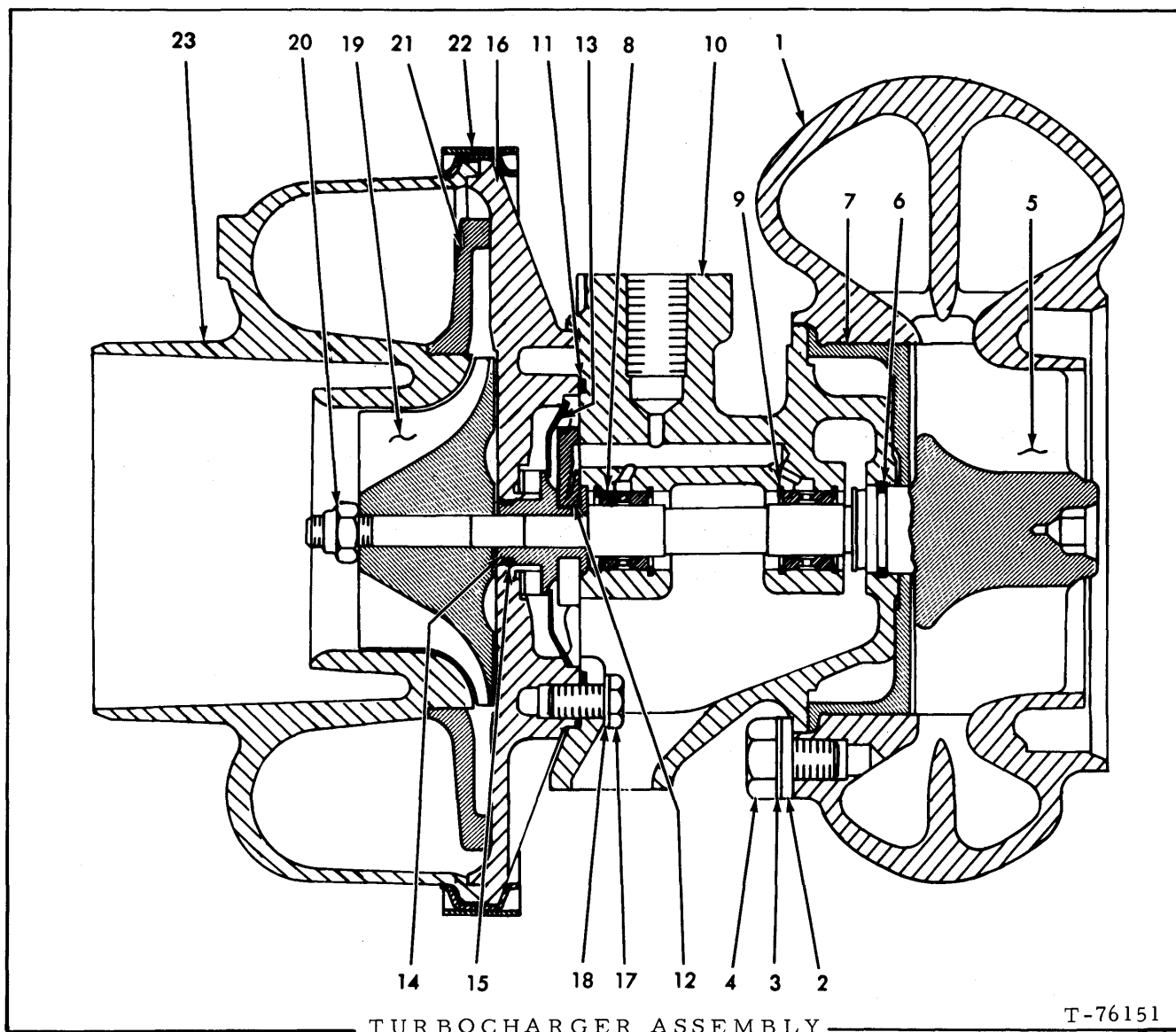
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	TURBOCHARGER ASSY., (See page 62)
2	4359214-6	1	GASKET, turbocharger mounting
3	-----	1	STUD (See EXHAUST MANIFOLD)
	4255977-3	4	NUT, stainless, 3/8"NC
	0913544-3	4	WASHER, plain
4	4359213-8	1	HOSE, air discharge elbow
	0927140-4	2	CLAMP, hose
5	4359216-1	1	TUBE, air discharge
	0919840-9	1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when engine primer is installed)
	0916311-4	4	CAPSCREW, 1/2"NC x 1-1/4"
	0904208-6	4	LOCKWASHER, 1/2"
6	4349193-5	1	GASKET, air discharge elbow
7	4359226-0	1	TUBE, oil drain
	0916271-0	2	CAPSCREW, 3/8"NC x 1"
	0904206-0	2	LOCKWASHER, 3/8"
8	4339532-6	1	GASKET, oil drain line
9	4336620-2	1	CLAMP, supporting, oil drain line
10	4339722-3	1	BRACKET, supporting, oil drain line

(Continued)

(Revised February 1974)

TURBOCHARGER (Continued)
(Model T-04)

ITEM	PART NO.	QTY.	DESCRIPTION
11	4358728-6	1	HOSE, oil drain line
	0921912-2	2	CLAMP, hose, 1-7/16" diam.
12	4337114-5	1	FLANGE, oil drain line
	0916311-4	2	CAPSCREW, 1/2"NC x 1-1/4"
	0904208-6	2	LOCKWASHER, 1/2"
13	4336436-3	1	GASKET, oil drain line flange
14	4359684-0	1	TUBE, oil feed
	4338301-7	1	SLEEVE, (turbo end)
	0917807-0	1	SLEEVE, Sealastic, 3/8" tube (filter end)
	0917810-4	2	NUT, Sealastic, 3/8" tube
	0920700-2	1	CONNECTOR, Sealastic, 3/8" tube, 3/8"NPT male
	0920280-5	1	ELBOW, Imperial, 90°, 3/8" tube, 1/4"NPT male
15	4337590-6	1	CLAMP, supporting, oil feed tube
	0911169-1	1	CAPSCREW, 5/16"NF x 5/8"
	0904205-2	1	LOCKWASHER, 5/16"



USAGE: See page 60

ITEM	PART NO.	QTY.	DESCRIPTION
-	4359212-0	1	TURBOCHARGER ASSY. (Includes items 1 thru 23)(Engines prior to #11-20053)
-	4320705-9	1	TURBOCHARGER ASSY. (Includes items 1 thru 23)(Identified by part No.4320704 stamped on name plate. Engines #11-20053 and up)
1	4060014-0	1	HOUSING, turbine
2	4059990-4	3	CLAMP
3	4059991-2	3	LOCKPLATE, turbine housing bolts
4	4059998-7	6	BOLT, turbine housing
5	4060011-6	1	SHAFT AND TURBINE WHEEL

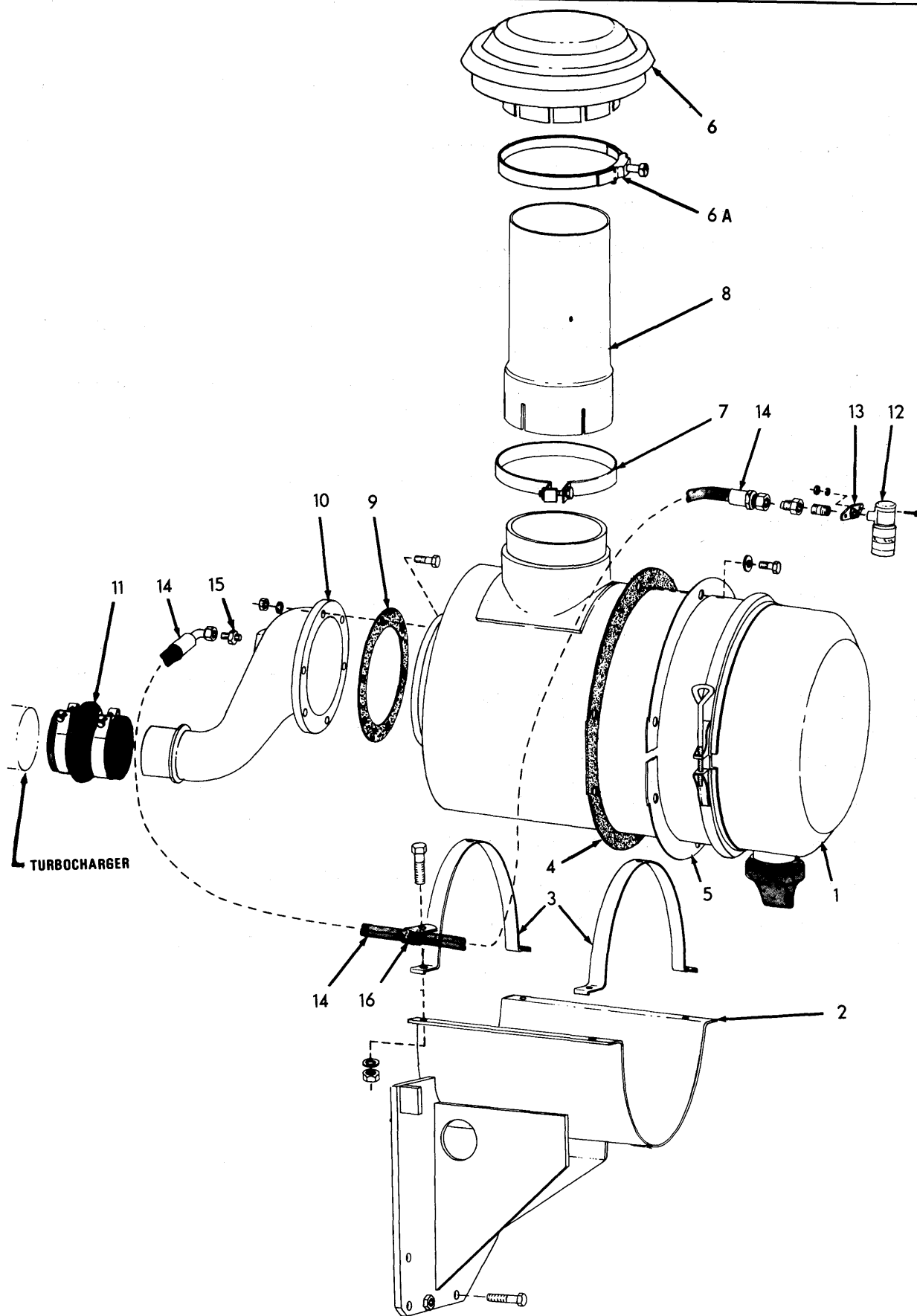
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(Revised February 1974)

TURBOCHARGER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	4059985-4	1	RING, sealing, turbine wheel shaft (For use with Turbocharger 4359212-0)
	4060936-4	1	RING, sealing, turbine wheel shaft (For use with Turbocharger 4320705-9)
7	4059997-9	1	SHROUD, turbine housing
8	4060935-6	2	BEARING, turbine shaft
9	4059989-6	4	RING, snap, bearing retaining
10	4059999-5	1	HOUSING ASSY., center (Includes PIN indented below)(For use with Turbocharger 4359212-0)
	4060940-6	1	HOUSING ASSY., center (Includes item 6 and PIN indented below)(For use with Turbocharger 4320705-9)
	4060000-9	2	PIN, spring, stainless, 3/32" x 1/4"
11	4056300-9	1	RING, sealing, compressor housing
12	4060939-8	1	BEARING, thrust
13	4059987-0	1	SPRING, thrust bearing
14	4059988-8	1	COLLAR, thrust
15	4059984-7	1	RING, sealing, thrust collar
16	4060941-4	1	BACKPLATE ASSY., compressor housing (Includes item 13)
17	0928202-1	4	BOLT, attaching
18	4059992-0	2	LOCKPLATE
19	4060006-6	1	WHEEL, compressor
20	4059993-8	1	NUT, turbine shaft
21	4060003-3	1	DIFFUSER, discharge air
22	4059995-3	1	COUPLING, V-band (Includes clamping screw)
23	4060009-0	1	HOUSING, compressor

(Revised February 1974)



AIR CLEANER (Dry-type)

T-76248

(Revised February 1974)

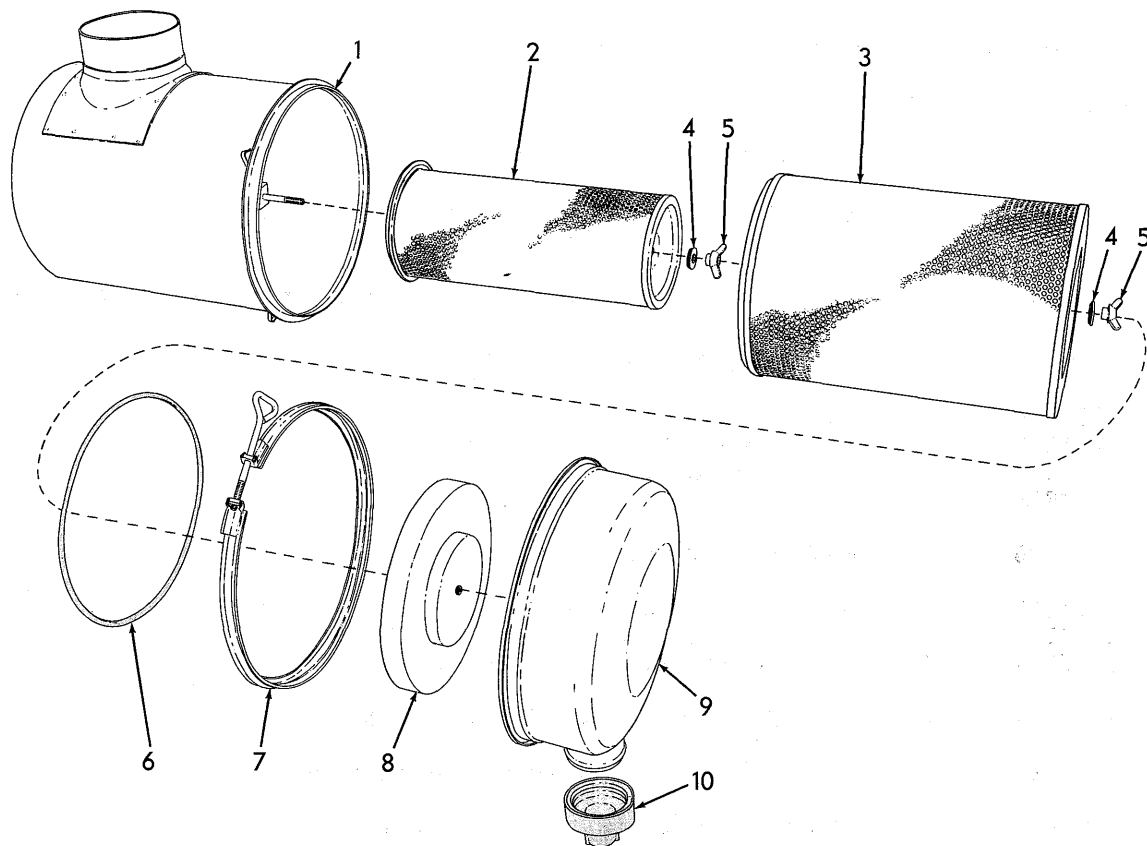
AIR CLEANER (Dry-type)

USAGE: See page 67 for optional oil-bath air cleaner

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	CLEANER ASSY., air (See page 66)
2	0673839	1	BRACKET, mounting (Tractors prior to unit #16205 including #16211 and #16216)
	0681962	1	BRACKET, mounting (Tractors units #16205 and up excluding #16211 and #16216)
	0927531	4	CAPSCREW, 7/16" NC x 2"
3	0667153	2	BAND, mounting
	0922287	4	CAPSCREW, 3/8" NC x 1-3/4"
	0677006	4	WASHER, plain
	0918308	4	NUT, 3/8" NC
4	0657876	1	GASKET, cleaner sealing
5	0657877	2	PLATE, sealing gasket
	0927212	6	CAPSCREW, Nylok, 3/8" NC x 1"
	0911115	6	WASHER, plain, SAE std., 3/8"
6	0682918	1	RAINCAP ASSY. (Includes item 6A)
6A	0683181	1	CLAMP ASSY. (Includes tightening screw)
7	0676688	1	CLAMP ASSY. (Includes hardware)
8	0660043	1	TUBE, air inlet
9	0658759	1	GASKET, air intake elbow
10	0669224	1	ELBOW, air intake
	0927173	6	CAPSCREW, 3/8" NC x 1-1/4"
	0910287	6	LOCKWASHER, 3/8"
	0911026	6	NUT, 3/8" NC
11	0669211	1	HOSE, air intake elbow
	0925262	2	CLAMP, hose, 3-1/4" to 3-9/16" diam.
12	4388648	1	INDICATOR, air restriction (Serviced only as a unit)
13	3045531	1	FLANGE, indicator mounting
	0927340	2	CAPSCREW, 1/4" NC x 3/4"
	0910285	2	LOCKWASHER, 1/4"
	0911024	2	NUT, 1/4" NC
14	0658637	1	HOSE, restriction indicator (See HOSE PARTS)
	0919174	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT female
	0904273	1	NIPPLE, pipe, 1/8" NPT x 1"
15	0631769	1	FITTING, safety, restriction indicator line
16	0644908	1	CLIP, supporting, indicator hose
	0677006	1	WASHER, plain

NOTE: See PAINTING AND MARKING for transfer

(Revised February 1974)



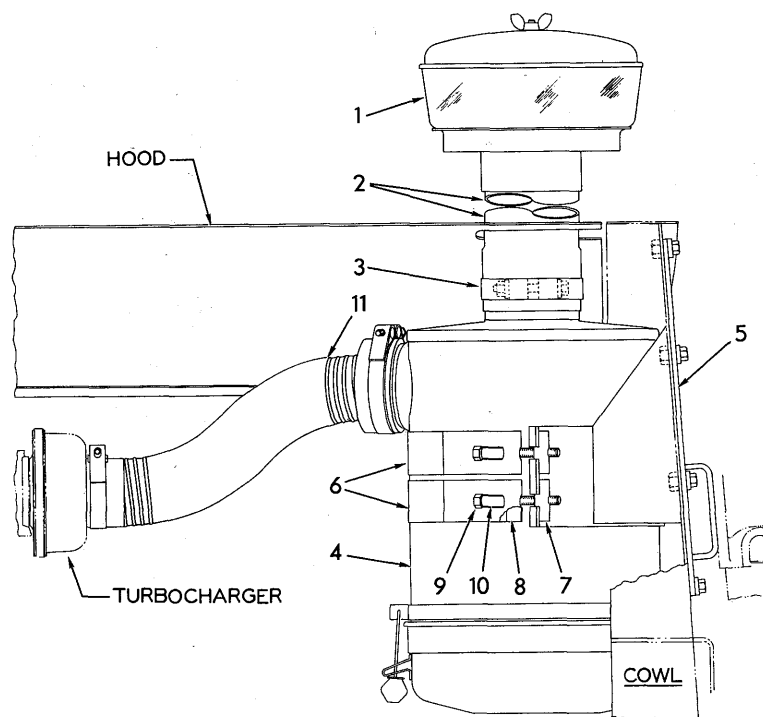
AIR CLEANER ASSEMBLY

T-73590

USAGE: See page 65

ITEM	PART NO.	QTY.	DESCRIPTION	
-	0659095-4	1	CLEANER ASSY., air (Includes items 1 thru 10)	
1	-----	1	BODY (Not serviced separately)	
2	0662609-7	1	ELEMENT ASSY., safety (inner)	} Each Includes Item 4
3	0660360-9	1	ELEMENT ASSY., filtering (outer)	
4	-----	2	GASKET, element retaining nut	
5	0664343-1	2	NUT ASSY., element retaining (Includes item 4)	
6	0622895-1	1	O-RING, cup sealing	
7	0622897-7	1	CLAMP ASSY. (Includes tightening screw)	
8	0662257-5	1	BAFFLE ASSY. (Includes wing nut)	
9	0662258-3	1	CUP, sediment	
10	3042943-5	1	VALVE, unloading	

(Revised February 1974)



—AIR CLEANER—
(Oil-bath)

T-76249

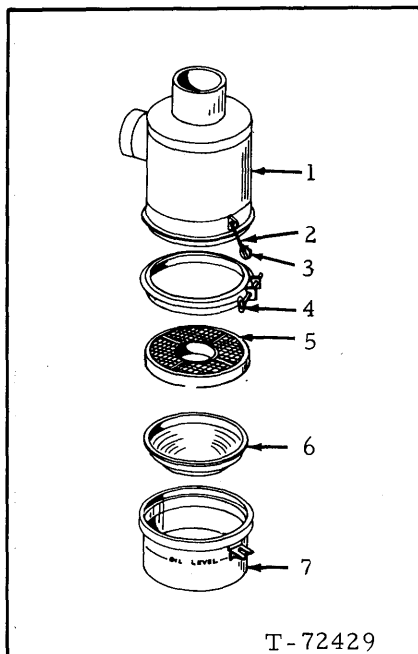
USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PRE-CLEANER ASSY., air (See page 68)
2	0622685-6	1	TUBE, air inlet
3	0639725-1	1	CLAMP, air inlet tube
	0922848-7	1	CAPSCREW, 3/8"NC x 3-1/4"
	0677006-9	2	WASHER, plain
	0911026-3	1	NUT, 3/8"NC
4	-----	1	CLEANER ASSY., air (See page 68)
5	0676659-6	1	SADDLE, mounting
	0921076-6	6	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	6	WASHER, plain
6	0622884-5	2	BAND, air cleaner mounting
7	0081796-5	4	PIN, mounting band (threaded hole)
8	0081795-7	4	PIN, mounting band (plain hole)
9	0927588-4	4	CAPSCREW, mounting band
10	0053667-2	4	SPACER, mounting band capscREW
11	0676651-3	1	HOSE, cleaner to turbocharger
	0193822-4	1	CLAMP, hose
	0925262-8	1	CLAMP, hose

NOTE: See PAINTING AND MARKING for transfer

AIR CLEANER ASSEMBLY

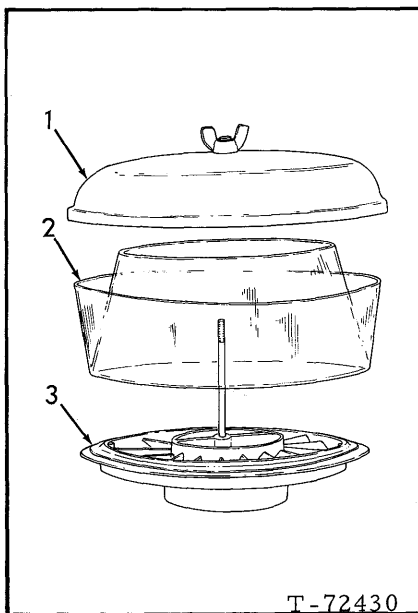
USAGE: See page 67



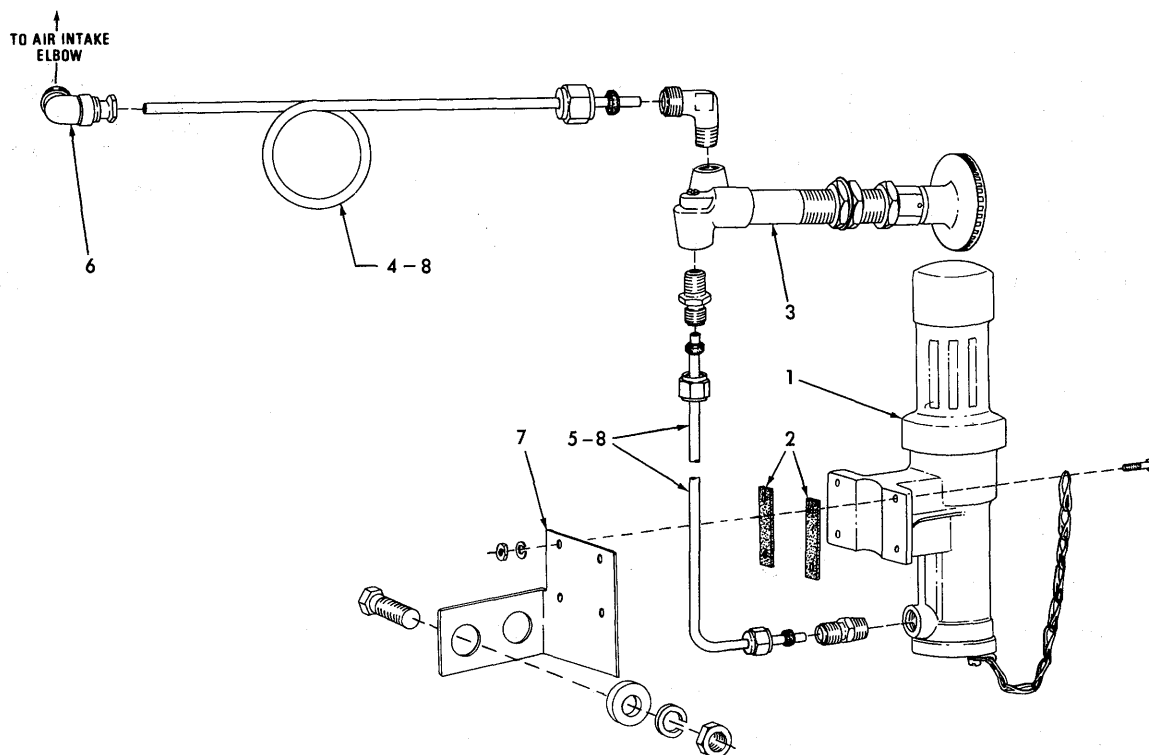
ITEM	PART NO.	QTY.	DESCRIPTION
-	0655270-7	1	CLEANER ASSY., air (Includes items 1 thru 7)
1	-----	1	BODY ASSY. (Not serviced separately)
2	4055454-5	2	BOLT ASSY. (Includes item 3)
3	4055455-2	2	NUT, wing
4	4055456-0	1	BAND ASSY. (Includes screw and nut)
5	4055451-1	1	ELEMENT, filtering
6	4055452-9	1	CUP, inner
7	4055453-7	1	CUP, outer

AIR PRE-CLEANER ASSEMBLY

USAGE: See page 67



ITEM	PART NO.	QTY.	DESCRIPTION
-	0655272-3	1	PRE-CLEANER ASSY., air (Includes items 1 thru 3)
1	0651268-5	1	COVER
2	0651270-1	1	BOWL, sediment (clear plastic)
3	0650386-6	1	SLEEVE ASSY. (Includes stud)

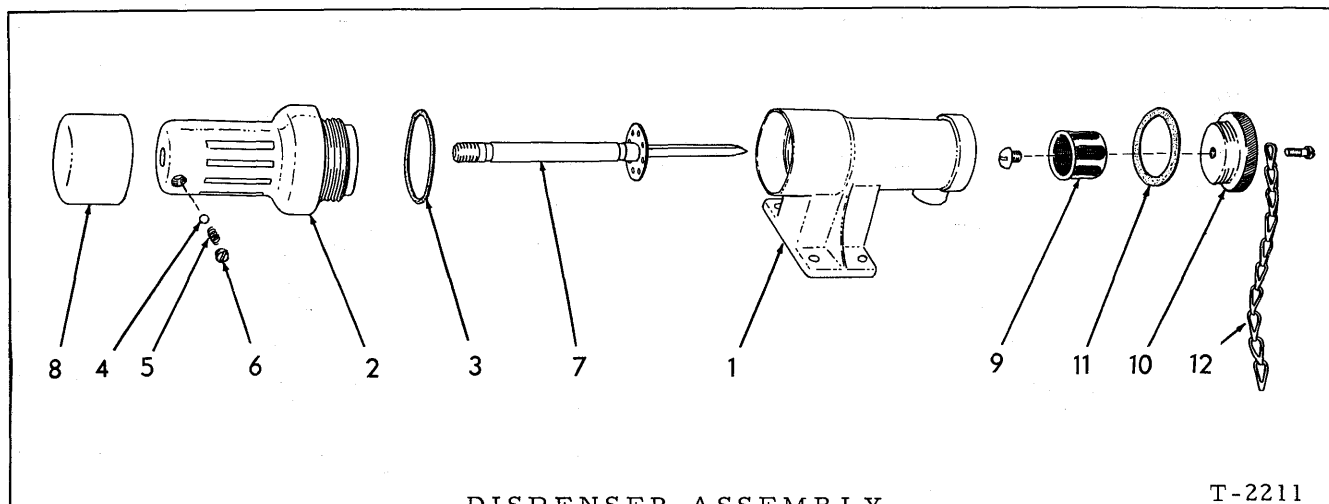


ENGINE PRIMER

T-27374

USAGE: Special equipment. Used prior to April 1973

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	DISPENSER ASSY., priming fuel (See page 70)
	0913706-8	4	CAPSCREW, #10-24NC x 1"
	0904203-7	4	LOCKWASHER, #10
	0901310-3	4	NUT, #10-24NC
2	0066261-9	6	GASKET, dispenser mounting
3	-----	1	PUMP ASSY. (See page 71)
4	-----	1	TUBE (Order item 8)
	0915488-1	1	NUT, Sealastic, 1/8" tube
	0915486-5	1	RING, Sealastic, 1/8" tube (Includes ferrule)
	0915557-3	1	ELBOW, Sealastic, 1/8" tube, 1/8"NPT male
5	-----	1	TUBE (Order item 8)
	0915488-1	2	NUT, Sealastic, 1/8" tube
	0915486-5	2	RING, Sealastic, 1/8" tube (Includes ferrule)
	0915556-5	2	CONNECTOR, Sealastic, 1/8" tube, 1/8"NPT male
6	0066517-4	1	ELBOW ASSY., fuel spray (Includes nozzle, nut and sleeve. Serviced only as a unit)
7	0660852-5	1	BRACKET, dispenser mounting (Tractors #13368 and up)
	0035439-9	2	CAPSCREW, 3/8"NC x 1"
	0044973-6	2	WASHER, plain
	0904206-0	2	LOCKWASHER, 3/8"
	0911026-3	2	NUT, 3/8"NC
8	0066253-6	1	TUBING, copper, 1/8"O.D., 10 ft. roll (Use as required)

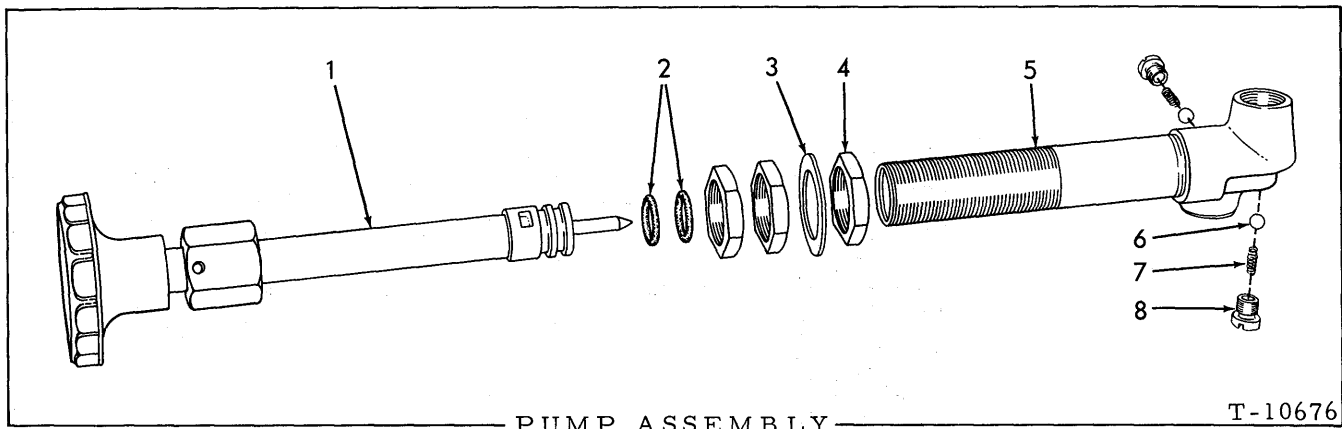


DISPENSER ASSEMBLY

T-2211

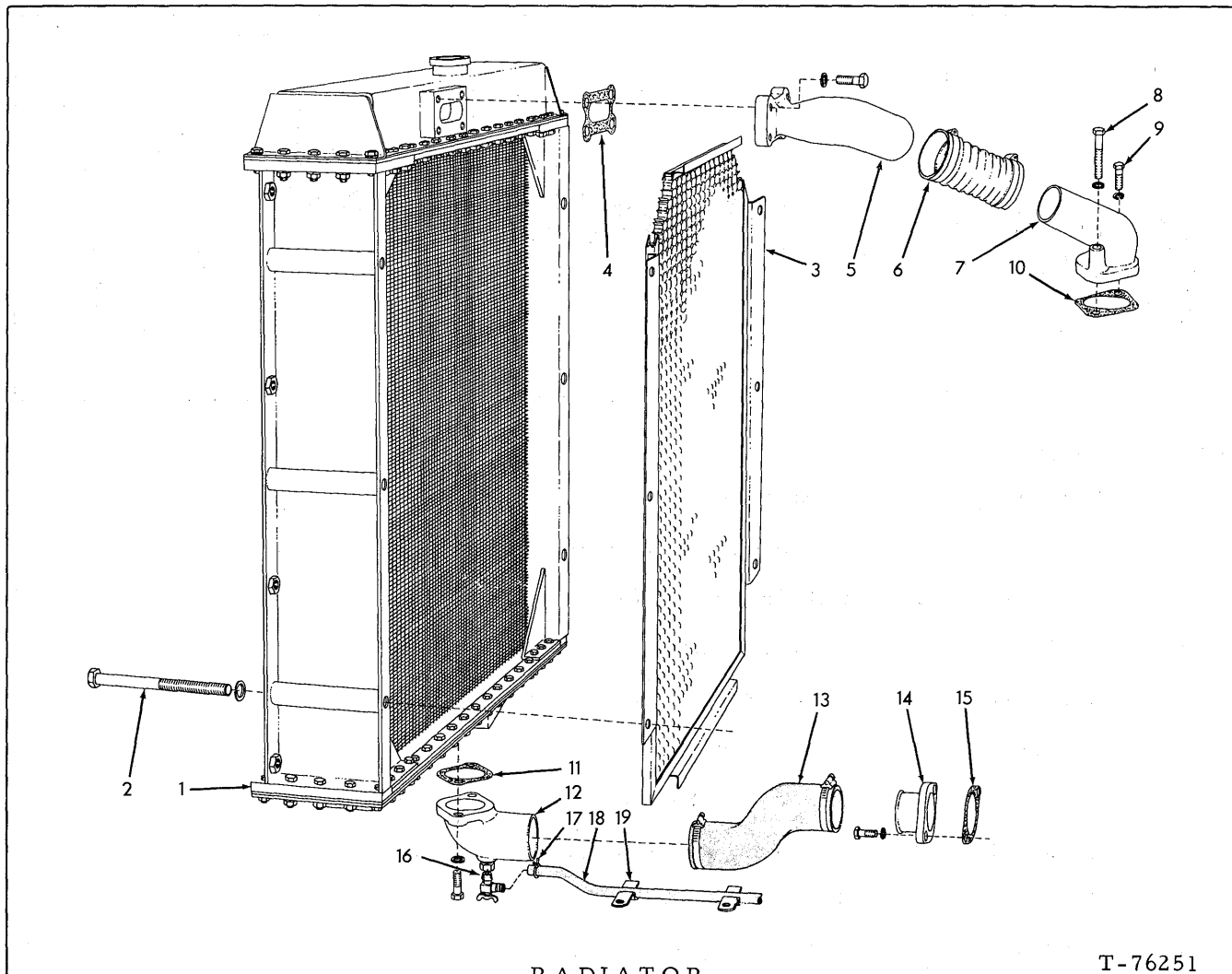
USAGE: See page 69

ITEM	PART NO.	QTY.	DESCRIPTION
-	0075771-6	1	DISPENSER ASSY. (Includes items 1 thru 12)
1	0068878-8	1	BODY, fuel dispenser
2	0068879-6	1	CHAMBER, fuel dispenser
3	0069164-2	1	GASKET, fuel dispenser chamber
4	0905357-0	1	BALL, steel, 3/16" diam.
5	0066251-0	1	SPRING, plunger locking ball
6	0066252-8	1	PLUG, retaining, locking ball spring
7	0066255-1	1	PLUNGER, fuel dispenser
8	0068881-2	1	KNOB, fuel dispenser plunger
9	0068875-4	1	STRAINER, fuel dispenser
	0915432-9	1	SCREW, machine, 1/4"NC x 5/16"
10	0075770-8	1	PLUG, fuel dispenser strainer
11	0068876-2	1	GASKET, fuel dispenser strainer plug
12	0075769-0	1	CHAIN, strainer plug retaining
	0901781-5	1	SCREW, machine, fil-hd., #10-32NF x 1/2"



USAGE: See page 69

ITEM	PART NO.	QTY.	DESCRIPTION
-	0092160-1	1	PUMP ASSY. (Includes items 1 thru 8)
1	-----	1	PISTON ASSY. (Not serviced separately)
2	0923560-7	2	O-RING, plunger
3	0066873-1	1	WASHER, mounting
4	0066872-3	3	NUT, mounting
5	-----	1	BARREL ASSY. (Not serviced separately)
6	0066876-4	2	BALL, check valve (5/32" diam.)
7	0066875-6	2	SPRING, check valve
8	0066874-9	2	RETAINER, check valve



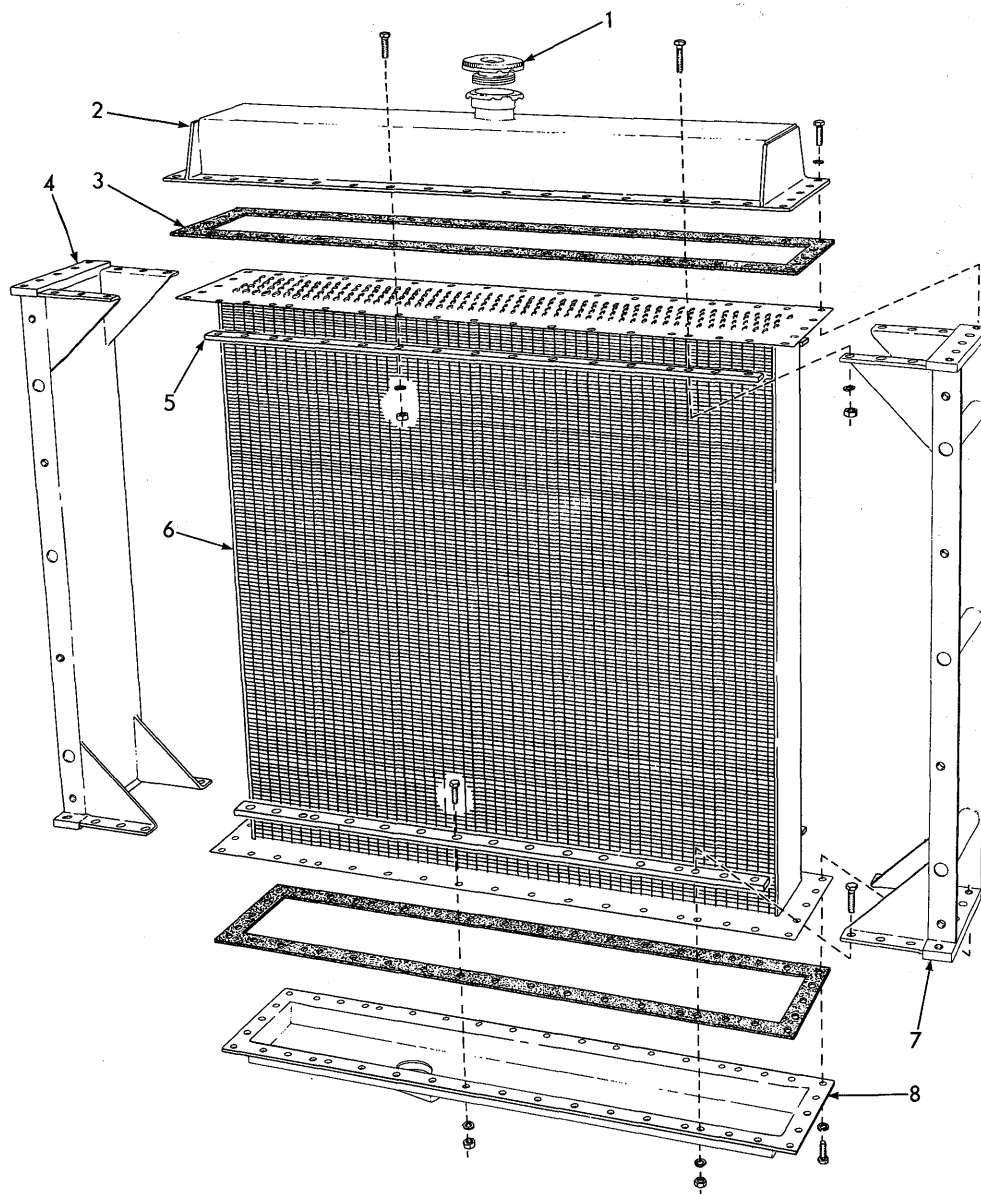
T-76251

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	RADIATOR ASSY. (See page 74)
2	0649852-1	6	CAPSCREW, 5/8" x 8-1/4"
	0912942-0	6	LOCKWASHER, 5/8"
3	0678360-9	1	GRID, (Special equipment)
4	0084888-7	1	GASKET, radiator inlet elbow
5	0084042-1	1	ELBOW, radiator inlet elbow
	0921569-0	4	CAPSCREW, 7/16"NC x 1-1/4"
	0914678-8	4	LOCKWASHER, 7/16"
6	0088349-6	1	HOSE, radiator inlet (4-1/2" long)
	0921913-0	2	CLAMP, hose, adjustable, 1-7/8" to 2-3/4" diam.
7	0634244-8	1	ELBOW, engine water outlet
8	0924618-2	1	CAPSCREW, 7/16"NC x 3"
9	0927485-3	1	CAPSCREW, 7/16"NC x 1"
	0914678-8	2	LOCKWASHER, 7/16"
10	4300145-2	1	□GASKET, engine water outlet elbow

(Continued)

RADIATOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	4310257-3	1	GASKET, radiator outlet elbow
12	0084010-8	1	ELBOW, radiator outlet
	0921569-0	2	CAPSCREW, 7/16"NC x 1-1/4"
	0914678-8	2	LOCKWASHER, 7/16"
13	0678190-0	1	HOSE, radiator outlet
	0921914-8	2	CLAMP, hose, adjustable, 2-5/16" to 3-1/4" diam.
14	4347872-6	1	PIPE, engine water inlet
	0916271-0	2	CAPSCREW, 3/8"NC x 1"
	0904206-0	2	LOCKWASHER, 3/8"
15	4346456-9	1	□GASKET, water inlet pipe
16	0089894-0	1	COCK, drain
	0912483-5	1	ADAPTER, pipe reducing, 3/8"NPT female to 1/4"NPT male
17	0089107-7	1	CLAMP, drain hose
18	0092652-7	1	HOSE, water drain
19	0092758-2	2	CLIP, supporting, water drain hose



RADIATOR ASSEMBLY

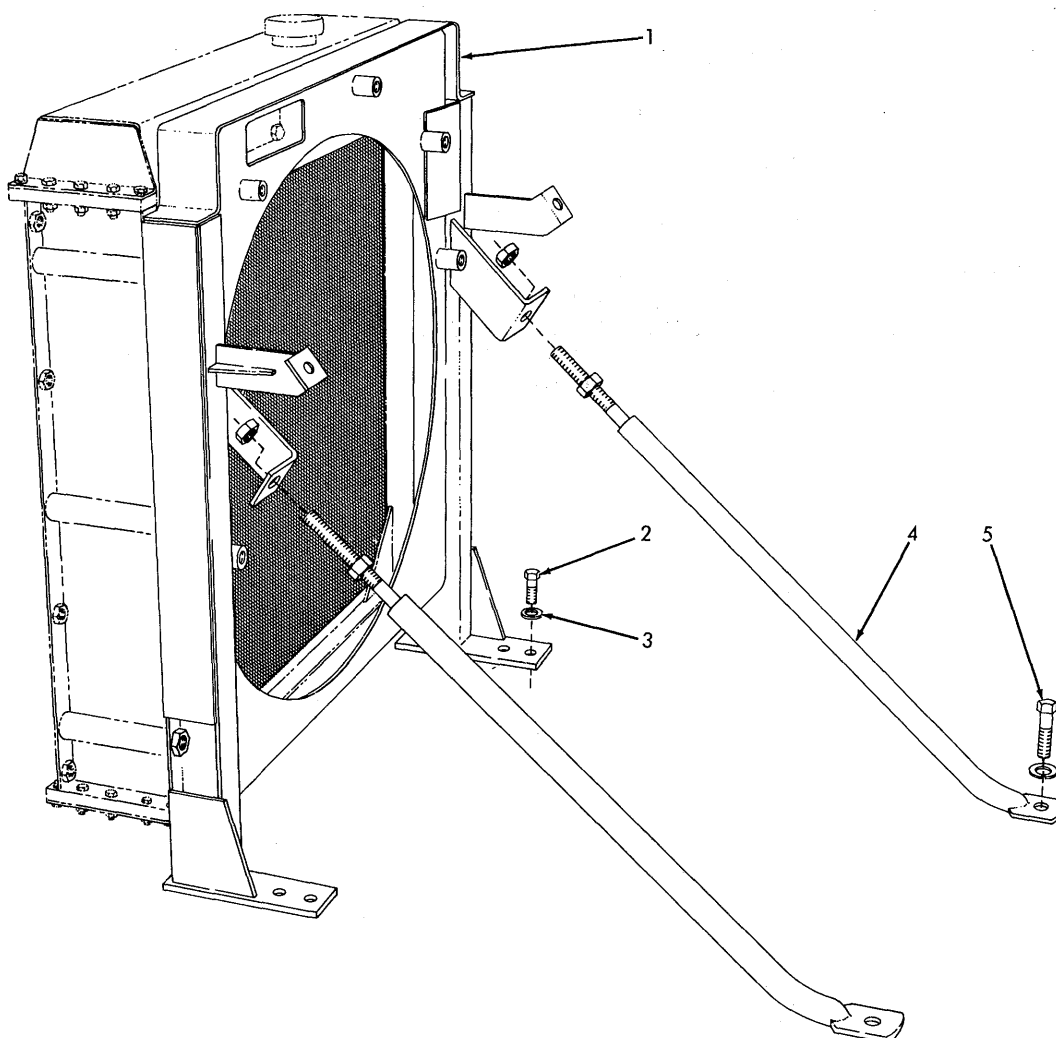
T-13169

ITEM	PART NO.	QTY.	DESCRIPTION
-	0678134-8	1	RADIATOR ASSY. (Includes items 1 thru 8)
1	0087528-6	1	CAP, pressure
2	0678281-9	1	TANK, top
	0921566-6	30	CAPSCREW, 5/16"NC x 1"
	0922843-8	18	CAPSCREW, 5/16"NC x 1-1/4"
	0910286-4	48	LOCKWASHER, 5/16"
	0911025-5	42	NUT, 5/16"NC
3	0678285-8	2	GASKET, core

(Continued)

RADIATOR ASSEMBLY (Continued)

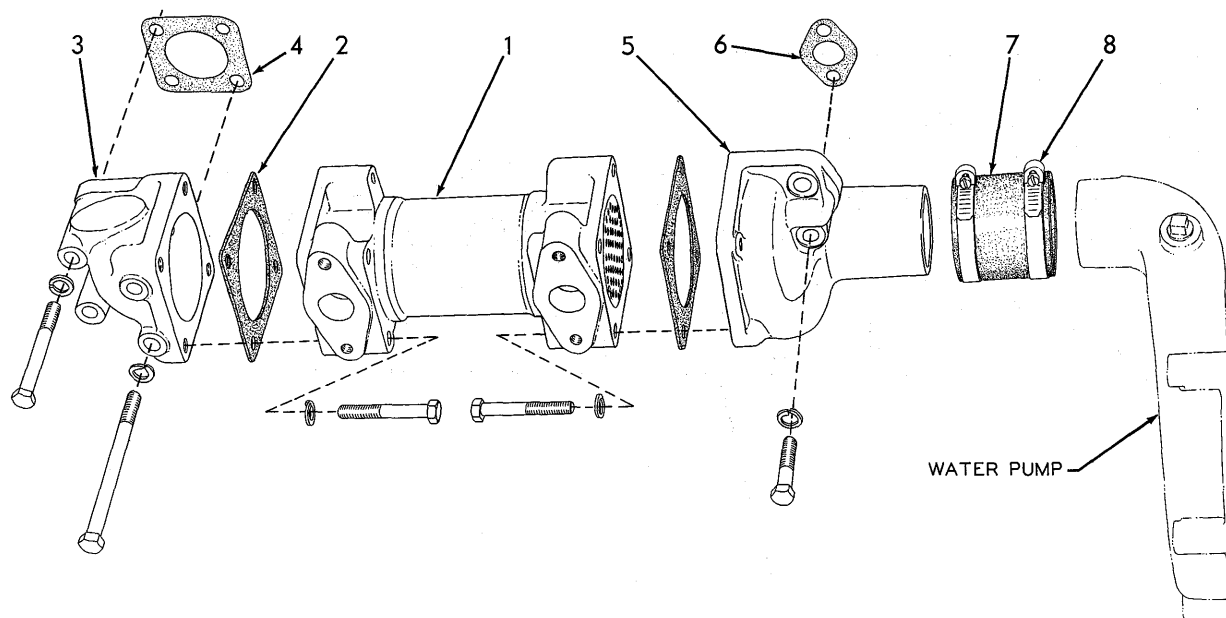
ITEM	PART NO.	QTY.	DESCRIPTION
4	0678284-1	1	SIDE, radiator core, right
5	0678282-5	4	CLAMP, radiator core flange
6	0678087-8	1	CORE
7	0678283-3	1	SIDE, radiator core, left
8	0678286-6	1	TANK, bottom
	0921566-6	30	CAPSCREW, 5/16"NC x 1"
	0922843-8	18	CAPSCREW, 5/16"NC x 1-1/4"
	0910286-4	48	LOCKWASHER, 5/16"
	0911025-5	44	NUT, 5/16"NC



RADIATOR SUPPORT

T-76255

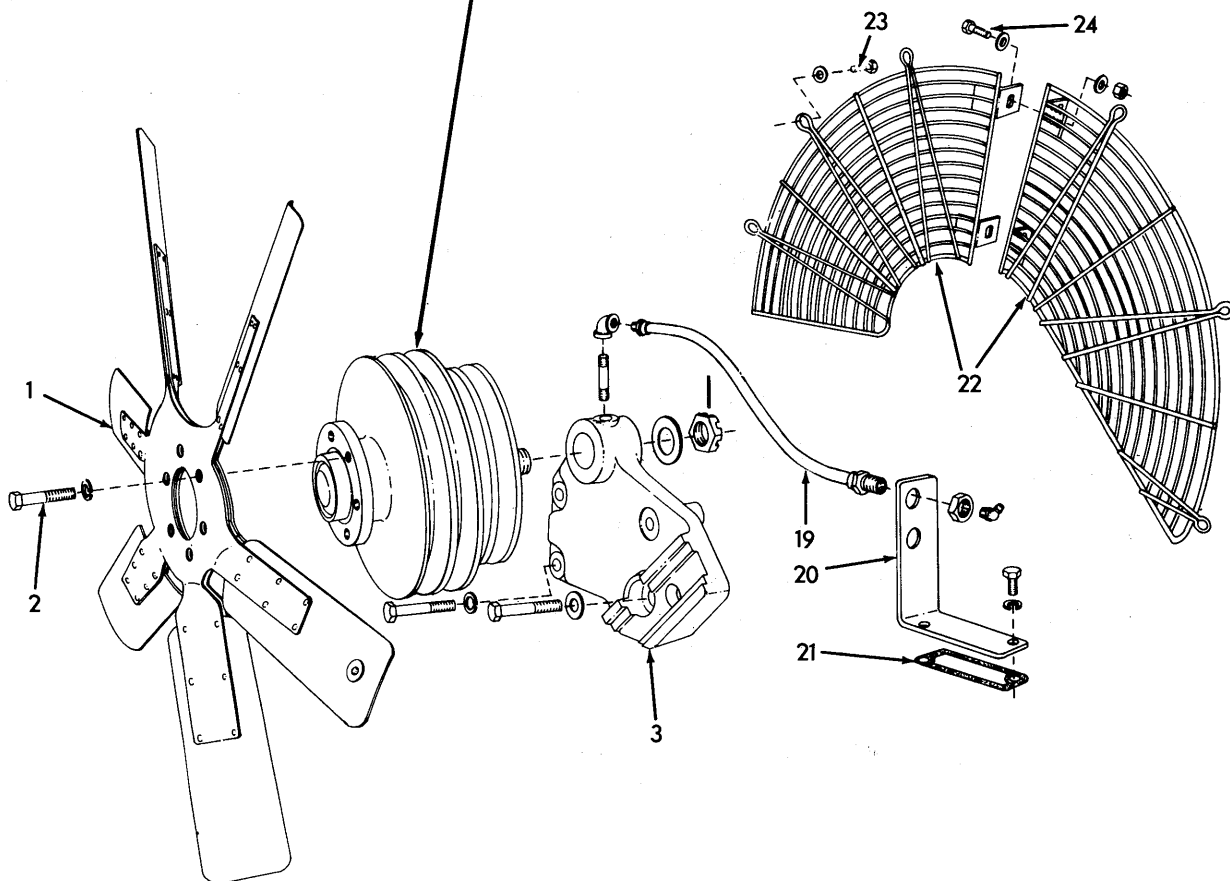
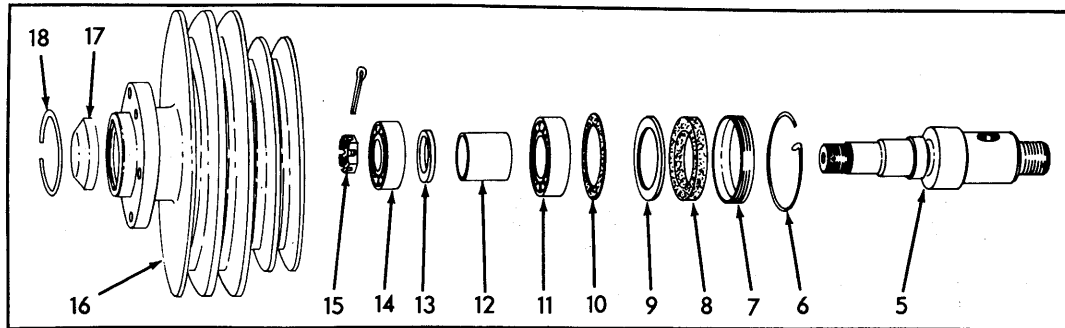
ITEM	PART NO.	QTY.	DESCRIPTION
1	0674599-6	1	SUPPORT, radiator
2	0921535-1	4	CAPSCREW, 5/8"NC 1-3/4"
3	0677010-1	4	WASHER, plain
4	0678181-9	2	BRACE
	0911046-1	4	NUT, 7/8"NF
5	0925415-2	2	CAPSCREW, 3/4"NC x 1-3/4"
	0914726-5	2	LOCKWASHER, 3/4"



OIL COOLER

T-13161

ITEM	PART NO.	QTY.	DESCRIPTION
1	4336596-4	1	COOLER, lubricating oil
	0912069-2	8	CAPSCREW, 3/8"NC x 2-1/2"
	0904206-0	8	LOCKWASHER, 3/8"
2	4349984-7	2	GASKET, oil cooler
3	4348099-8	1	CONNECTION, water outlet
	0919227-9	2	CAPSCREW, 3/8"NC x 3-1/4"
	0918778-1	2	CAPSCREW, 3/8"NC x 4-3/4"
	0904206-0	4	LOCKWASHER, 3/8"
4	4348184-5	1	☐ GASKET, water outlet
5	4348100-1	1	CONNECTION, water inlet
	0916273-6	2	CAPSCREW, 3/8"NC x 1-3/4"
	0904206-0	2	LOCKWASHER, 3/8"
6	4348185-2	1	☐ GASKET, water inlet
7	4506737-8	1	HOSE, water pump to cooler
8	0925758-5	2	CLAMP, hose



FAN

T-76422

FAN

ITEM	PART NO.	QTY.	DESCRIPTION
<u>NOTE:</u> See FAN DRIVE for fan belt			
1	0655303-6	1	FAN, push type (Standard equipment)
	0678785-7	1	FAN ASSY., reversible (Optional)(See page 81)
2	0922763-8	6	CAPSCREW, 3/8"NC x 1"
	0910287-2	6	LOCKWASHER, 3/8"
3	4359605-5	1	BRACKET, fan mounting
	0916316-3	4	CAPSCREW, 1/2"NC x 2-1/2"
	0904208-6	3	LOCKWASHER, 1/2"
	0913432-1	1	WASHER, plain
4	4359606-3	1	HUB ASSY. (Consists of items 5 thru 18)
	0911174-1	1	NUT, jam, slotted, 1"NF
	0911159-2	1	WASHER, plain, SAE std., 1"
	0915946-8	1	PIN, roll, 5/32" x 1-1/4"
5	4336521-2	1	SPINDLE
6	4371707-3	1	LOCKWIRE, fan hub
7	4040386-7	1	RETAINER, spindle sealing washer
8	4040385-9	1	WASHER, spindle sealing (cork)
9	4040384-2	1	WASHER, retaining, rear bearing
10	4371710-7	1	GASKET, bearing retaining washer
11	4253863-7	1	BEARING, ball, rear
12	4040383-4	1	SPACER, spindle bearings
13	4640978-5	1	WASHER, spacing, front bearing
14	4253862-9	1	BEARING, ball, front
15	4348502-8	1	NUT, spindle
	0911064-4	1	PIN, cotter, 1/8" x 1-3/8"
16	4359607-1	1	HUB, fan
17	0088561-6	1	CAP, hub
18	4042081-2	1	RING, snap, cap retaining
19	4336526-1	1	HOSE, lubricating (14-1/2" long)
	0917841-9	1	NIPPLE, pipe, 1/8"NPT x 1-3/4"
	0901676-7	1	ELBOW, pipe, 1/8"NPT
	0915274-5	1	FITTING, lubricating, 45°, 1/8"NPT
	0911049-5	1	NUT, jam, 5/8"NF
20	4339769-4	1	BRACKET, lubricating hose
	0916269-4	2	CAPSCREW, 3/8"NC x 7/8"
	0904206-0	2	LOCKWASHER, 3/8"

(Continued)

FAN (Continued)

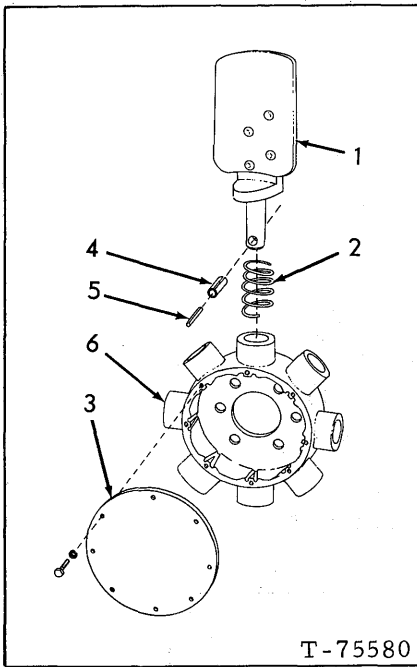
ITEM	PART NO.	QTY.	DESCRIPTION
21	4354304-0	1	□GASKET, lubricating hose bracket
22	{ 0679065-3	1	GUARD, fan (left)
	{ 0679068-7	1	GUARD, fan (right)
23	0922763-8	6	CAPSCREW, 3/8"NC x 1"
	0677006-9	6	WASHER, plain
24	0921076-6	2	CAPSCREW, 3/8"NC x 1-1/4"
	0900817-8	4	WASHER, plain, U.S. std., 3/8"
	0915891-6	2	NUT, 3/8"NC

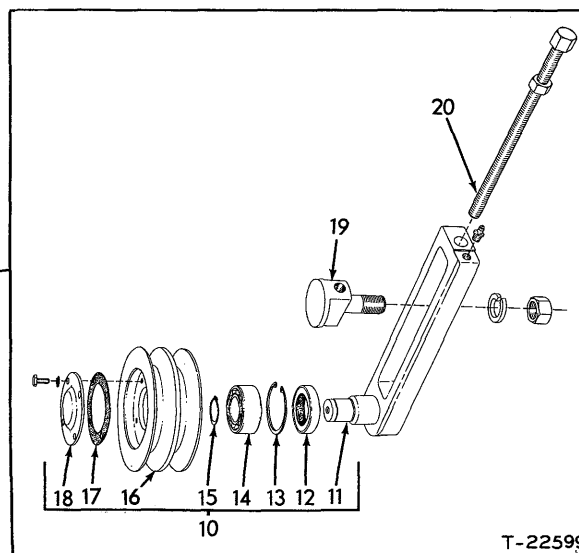
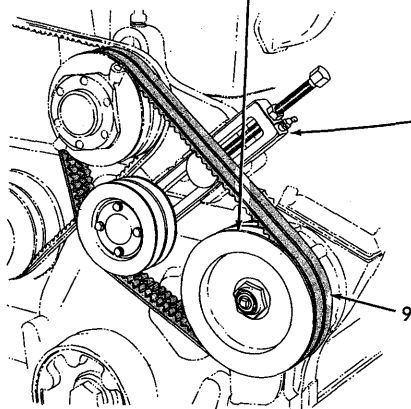
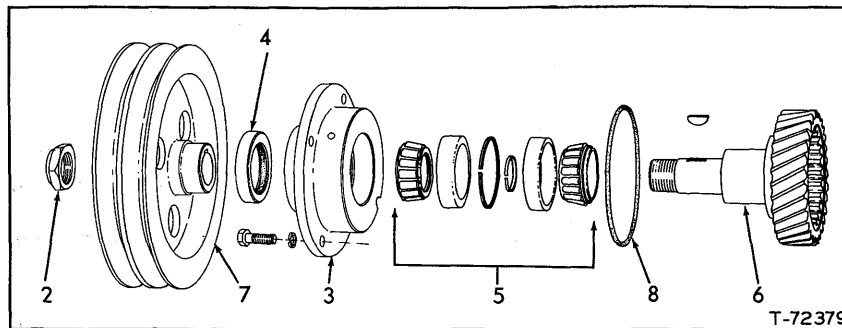
REVERSIBLE FAN PARTS
("Huber")

USAGE: See page 79

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	8	BLADE (See NOTE below)
2	0668595-2	8	SPRING
3	0668594-5 0926339-3	1 8	COVER, dust CAPSCREW, #10-24 x 5/16" (Includes lockwasher)
4	0918623-0	8	PIN, blade retaining, outer
5	0927229-5	8	PIN, blade retaining, inner
6	-----	1	HUB (See NOTE below)

NOTE: Blade and Hub replacement
require precision balancing.
Return complete fan to
HUBER REVERSIBLE FAN
CO., 2103 Hershey Rd.,
Erie Pa. 16509.





FAN DRIVE

T-72396

ITEM	PART NO.	QTY.	DESCRIPTION
1	4359773-1	1	DRIVE ASSY. (Includes items 2 thru 7)
	0916271-0	4	CAPSCREW, 3/8"NC x 1"
	0904206-0	4	LOCKWASHER, 3/8"
2	4335476-0	1	NUT, flange retaining
3	4359223-7	1	FLANGE, mounting
4	4255587-0	1	SEAL, oil
5	4357289-0	1	BEARING, roller

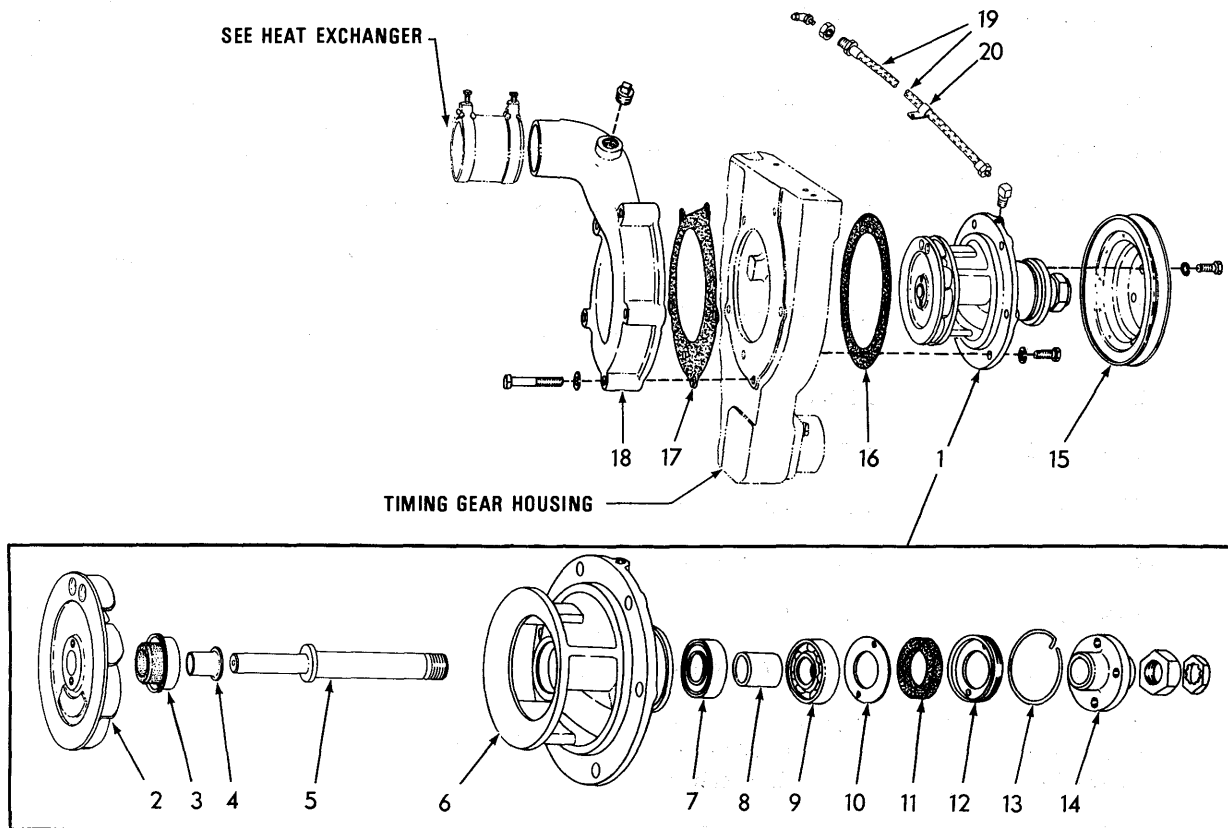
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FAN DRIVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	4339658-9	1	GEAR, fan drive
	0917755-1	1	KEY, #91 woodruff, 1/4" x 3/4"
7	4359772-3	1	PULLEY, fan drive
8	0923820-5	1	□O-RING, drive mounting
9	4359775-6	2	BELT, fan drive (Supplied in matched sets)
10	4349660-3	1	IDLER ASSY., belt tightening (Consists of items 11 thru 18)
11	4336587-3	1	SLIDE, fan idler
	0915275-2	1	FITTING, lubricating, 65°, 1/8"NPT
12	4254670-5	1	SEAL, oil
13	4254100-3	1	RING, snap, rear
14	4255031-9	1	BEARING, ball
15	4253555-9	1	RING, snap, front
16	4349662-9	1	PULLEY
17	4347752-0	1	GASKET, pulley cover
18	4347751-2	1	COVER, pulley
	0915343-8	4	CAPSCREW, 1/4"NC x 5/8"
	0904204-5	4	LOCKWASHER, 1/4"
19	4349666-0	1	BOLT, clamping, fan idler slide
	0904369-6	1	LOCKWASHER, 3/4"
	0910175-9	1	NUT, 3/4"NF
20	4349667-8	1	CAPSCREW, fan belt adjustment
	0910325-0	1	NUT, 1/2"NC

SEE HEAT EXCHANGER

TIMING GEAR HOUSING



WATER PUMP

T-27396

ITEM PART NO. QTY. DESCRIPTION

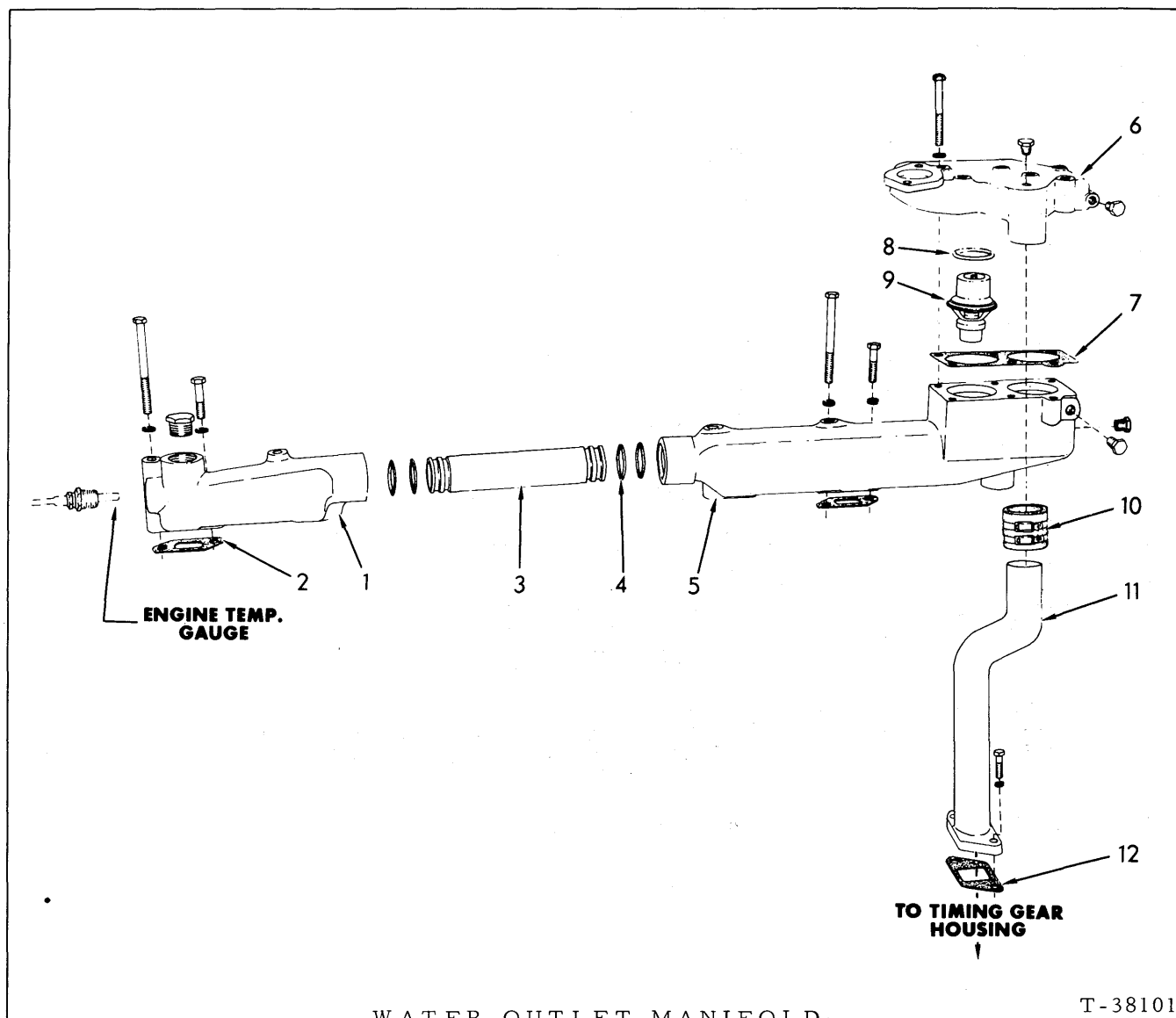
NOTE: See ALTERNATOR for listing of driving belt

1	4320996	1	PUMP ASSY (Consists of items 2 thru 14 and 16)
	0916271-0	6	CAPSCREW, 3/8"NC x 1"
	0904206-0	6	LOCKWASHER, 3/8"
2	4358786-4	1	IMPELLER ASSY. (Includes ceramic insert)
3	4507091-9	1	SEAL ASSY. (Serviced only as a unit)
4	4507084-4	1	FLINGER, water
5	4358787-2	1	SHAFT ASSY. (Includes item 4)
6	4338663-0	1	BODY, water pump
7	4044212-1	1	BEARING, ball, rear
8	4044211-3	1	SPACER, bearing
9	4044210-5	1	BEARING, ball, front

(Continued)

WATER PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	4044209-7	1	WASHER, retaining
11	4348825-3	1	WASHER, sealing
12	4335320-0	1	RETAINER, sealing washer
13	4053968-6	1	RING, snap, sealing washer retainer
14	4359280-5	1	FLANGE, driving pulley
	0910847-3	1	NUT, 3/4"NF
	0917680-1	1	NUT, Pal locking
15	4339503-7	1	PULLEY
	0911169-1	4	CAPSCREW, 5/16"NF x 5/8"
	0904205-2	4	LOCKWASHER, 5/16"
16	4346744-8	1	□GASKET, water pump
17	4335056-0	1	□GASKET, water pump volute
18	4349953-2	1	VOLUTE
	0920131-0	1	PLUG, pipe, 3/8"NPT
	0916274-4	5	CAPSCREW, 3/8"NC x 2-1/4"
	0904206-0	5	LOCKWASHER, 3/8"
19	4336527-9	1	HOSE, lubricating
	0914463-5	1	ADAPTER, 90°, 1/8"NPT male and female
	0915274-5	1	FITTING, lubricating, 45°, 1/8"NPT
	0911049-5	1	NUT, jam, 5/8"NF
20	4251849-8	1	CLIP, hose supporting



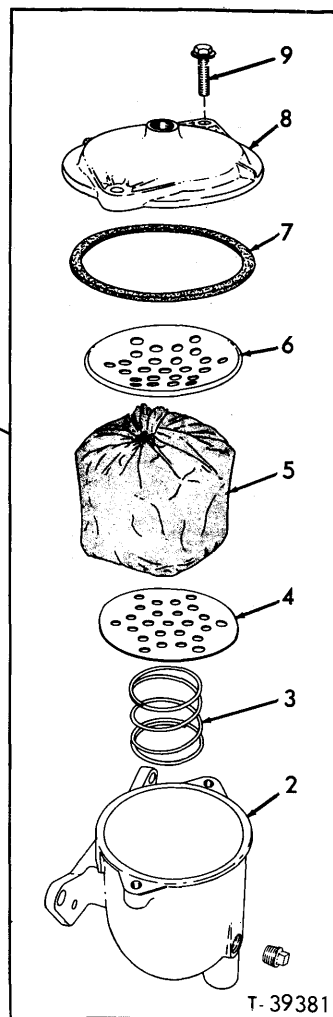
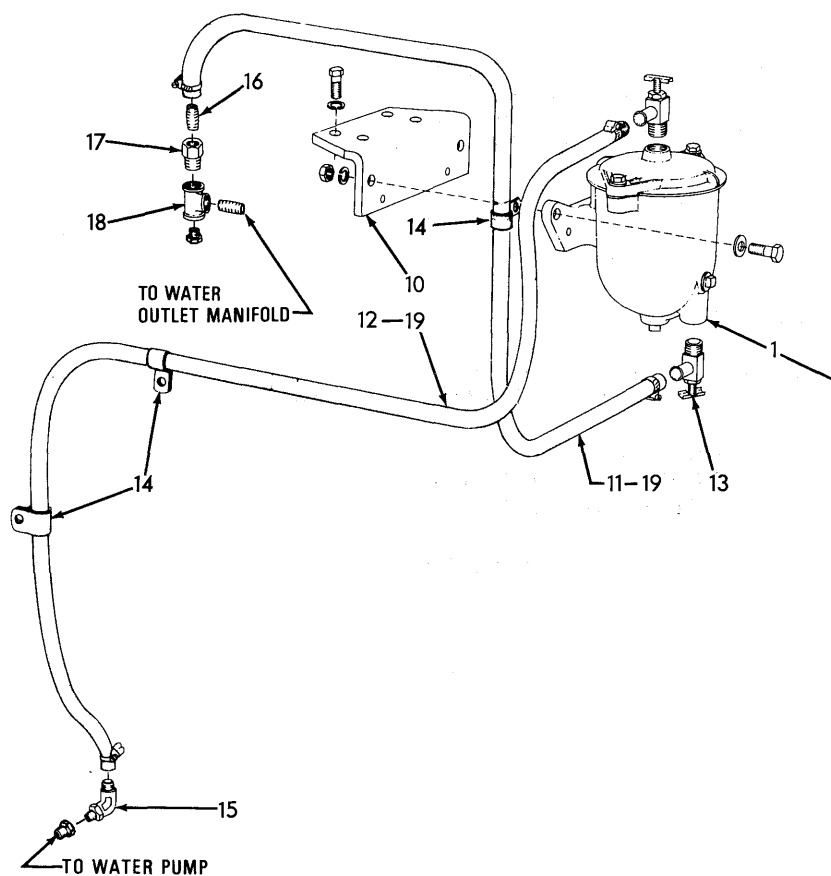
ITEM	PART NO.	QTY.	DESCRIPTION
1	4336506-3	1	MANIFOLD, water outlet, rear
	0920525-3	1	PLUG, pipe, hex-hd., 3/4"NPT
	0914847-9	2	CAPSCREW, 3/8"NC x 1-1/2"
	0916275-1	2	CAPSCREW, 3/8"NC x 3-3/4"
	0904206-0	4	LOCKWASHER, 3/8"
2	4336182-3	4	□ GASKET, water manifold
3	4336156-7	1	TUBE, water manifold connecting
4	0923813-0	4	□ O-RING, water manifold connecting tube
5	4359948-9	1	MANIFOLD, water outlet, front
	0920333-2	1	PLUG, hex-hd., 3/8"NPT
	0914847-9	2	CAPSCREW, 3/8"NC x 1-1/2"
	0916275-1	2	CAPSCREW, 3/8"NC x 3-3/4"
	0904206-0	4	LOCKWASHER, 3/8"

(Continued)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	4358754	1	HOUSING ASSY., thermostat (Includes item 8)
	0919840	2	PLUG, pipe, hex-hd., 1/4"NPT
	0919227	6	CAPSCREW, 3/8"NC x 3-1/4"
	0904206	6	LOCKWASHER, 3/8"
7	4336263	1	□GASKET, thermostat housing
8	4317554	2	SEAL, thermostat
9	4354537	2	THERMOSTAT
10	4337602	1	HOSE, water by-pass pipe
	0925758	2	CLAMP, hose, 2-1/16" to 3" diam.
11	4359947	1	PIPE, water by-pass
	0916272	2	CAPSCREW, 3/8"NC x 1-1/4"
	0904206	2	LOCKWASHER, 3/8"
12	4347031	1	□GASKET, water by-pass pipe

(Revised February 1974)



T-76301

COOLANT FILTER

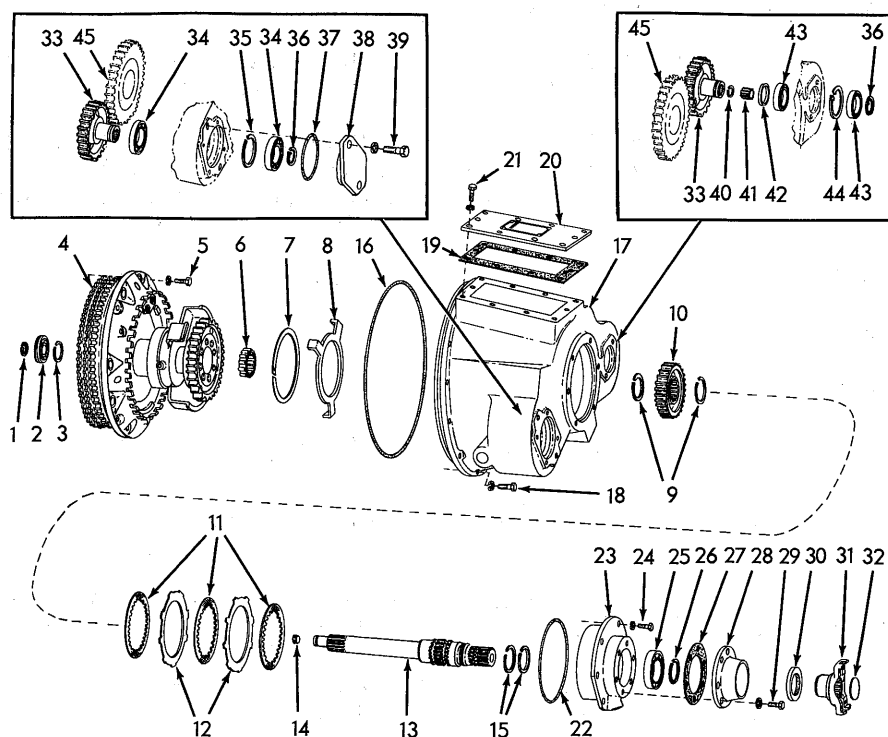
ITEM	PART NO.	QTY.	DESCRIPTION
1	4359248-4	1	FILTER ASSY., water (Consists of items 2 thru 9. Has All-purpose element)
	0921556-7	2	CAPSCREW, 1/2"NC x 2"
	0910244-3	2	WASHER, plain
	0912441-3	2	LOCKWASHER, 1/2"
	0911028-9	2	NUT, 1/2"NC
2	4055031-1	1	BODY, filter
	0920131-0	2	PLUG, pipe, 3/8"NPT
3	4054569-1	1	SPRING, filter element
4	4054568-3	1	PLATE, filter element, lower

(Continued)

COOLANT FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	4059380-8	1	ELEMENT KIT, filter (Includes items 4, 6 and 7)(Chromate-type. For use with "Dowtherm" 209)
	4059979-7	1	ELEMENT KIT, filter (Includes items 4, 6 and 7)(Original equipment. All-purpose, recommended for use with plain water as well as most types of permanent and non-permanent anti-freeze except "Dowtherm" 209)
6	4055034-5	1	PLATE, filter element, upper
7	4054566-7	1	GASKET, filter cover
8	4055032-9	1	COVER, filter
9	4055033-7	2	BOLT ASSY., filter cover (Includes washer)
10	0679380-6	1	ANGLE, filter mounting
	0927172-7	4	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	4	LOCKWASHER, 1/2"
11	-----	1	HOSE, water outlet manifold to filter (34" long. Order item 19)
	0921911-4	2	CLAMP, hose, 11/16" to 1-1/4" diam.
12	-----	1	HOSE, filter to water pump (45 1/2" long. Order item 19)
	0921911-4	2	CLAMP, hose, 11/16" to 1-1/4" diam.
13	0089894-0	2	COCK, drain
14	0927387-1	3	CLAMP, hose
15	4255286-9	1	ELBOW, water hose
	0904271-4	1	BUSHING, pipe reducing, 1/2"NPT male to 3/8"NPT female
16	0917191-9	1	NIPPLE, hose connection
17	0912483-5	1	ADAPTER, nipple to tee (Tractors prior to unit #16177)
18	0901703-9	1	TEE, pipe, 1/4"NPT (Tractors prior to unit #16177)
	0918598-4	1	TEE, pipe, reducing (3/8"NPT to 1/4"NPT (Tractors unit #16177 and up)
	0901478-8	1	NIPPLE, pipe, 1/4"NPT x 7/8"
	0919840-9	1	PLUG, pipe, 1/4"NPT
19	0920722-6	1	HOSE, rubber, 5/8"I.D., 25 ft. roll (Use as required)

(Revised February 1974)



ENGINE CLUTCH AND HOUSING

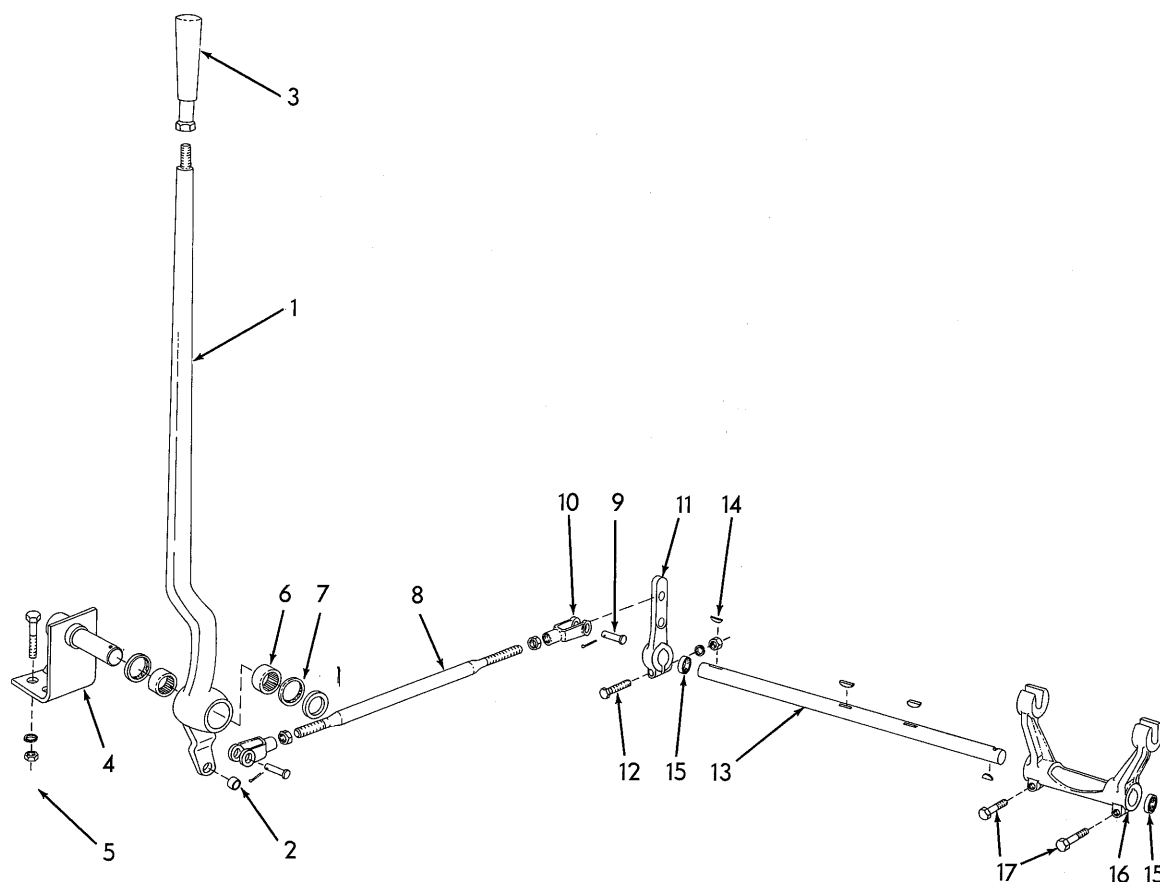
T-76471

ITEM	PART NO.	QTY.	DESCRIPTION
1	0671344-0	1	RING, snap, bearing retaining
2	0097088-9	1	BEARING, ball, clutch shaft, front
3	0642216-6	1	RING, snap, clutch thrust
4	-----	1	CLUTCH ASSY. (See page 94)
5	0921076-6	12	CAPSCREW, 3/8"NC x 1-1/4"
	0910287-2	12	LOCKWASHER, 3/8"
6	3037615-6	1	BEARING, roller, clutch assembly
7	0671336-6	1	RING, snap, pressure plate retaining
8	0678804-6	1	PLATE, pressure, clutch brake
9	0629860-8	2	RING, snap, hub retaining
10	0671334-1	1	HUB, friction plate
11	0675510-2	3	PLATE, friction (bi-metallic)
12	0629864-0	2	PLATE, friction (steel)
13	0678803-8	1	SHAFT, clutch
14	0671419-0	1	PLUG (drilled)

(Continued)

ENGINE CLUTCH AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
15	0671331-7	2	RING, seal, clutch shaft	
16	0926008-4	1	O-RING, clutch housing	
17	0678797-2	1	HOUSING, engine clutch	
18	0927173-5	10	CAPSCREW, 3/8"NC x 1-1/8"	
	0927573-6	2	CAPSCREW, 3/8"NC x 1-7/8"	
	0910287	10	LOCKWASHER, 3/8"	
	0917264	2	WASHER, plain, copper 3/8"	
19	0678801-2	1	GASKET, access cover	
20	0678798-0	1	COVER, clutch access	
21	0922300-9	10	CAPSCREW, 3/8"NC x 3/4"	
	0910287-2	10	LOCKWASHER, 3/8"	
22	0924143-1	1	O-RING, rear cover	
23	0678802-0	1	COVER, rear	
24	0921076-6	6	CAPSCREW, 3/8"NC x 1-1/4"	
	0910287-2	6	LOCKWASHER, 3/8"	
25	0664731-7	1	BEARING, ball, clutch shaft, rear	
26	0050292-2	1	RING, snap, bearing retaining	
27	0664701-0	1	GASKET, retainer	
28	0671345-7	1	RETAINER, rear bearing	
29	0922763-8	6	CAPSCREW, 3/8"NC x 1"	
	0910287-2	6	LOCKWASHER, 3/8"	
30	0663482-8	1	SEAL, rear	
31	0664699-6	1	YOKE ASSY., coupling (Includes item #32)	
32	0910016-5	1	PLUG, expansion, 2-1/4"	
33	0678805-3	2	GEAR, driving	
34	0665554-2	2	BEARING, ball, driving gear	
35	0665563-3	1	RING, snap, bearing retaining (large)	
36	4253029-5	2	RING, snap, bearing retaining (small)	
37	0923591-2	1	O-RING, cover	} Not used on units equipped with Hydraulic Dozer
38	0664712-7	1	COVER	
39	0924227	2	CAPSCREW, 5/8"NC x 1"	
	0912942-0	2	LOCKWASHER, 5/8"	
40	0666239-9	1	RING, snap, sleeve retaining	
41	0678182-7	1	SLEEVE, coupling	
42	0671338-2	1	SPACER, bearing	
43	0241833-3	2	BEARING, ball, driving gear	
44	0621775-6	1	RING, snap, bearing retaining	
45	-----	1	GEAR, drive (See ENGINE CLUTCH PARTS)	



ENGINE CLUTCH CONTROL

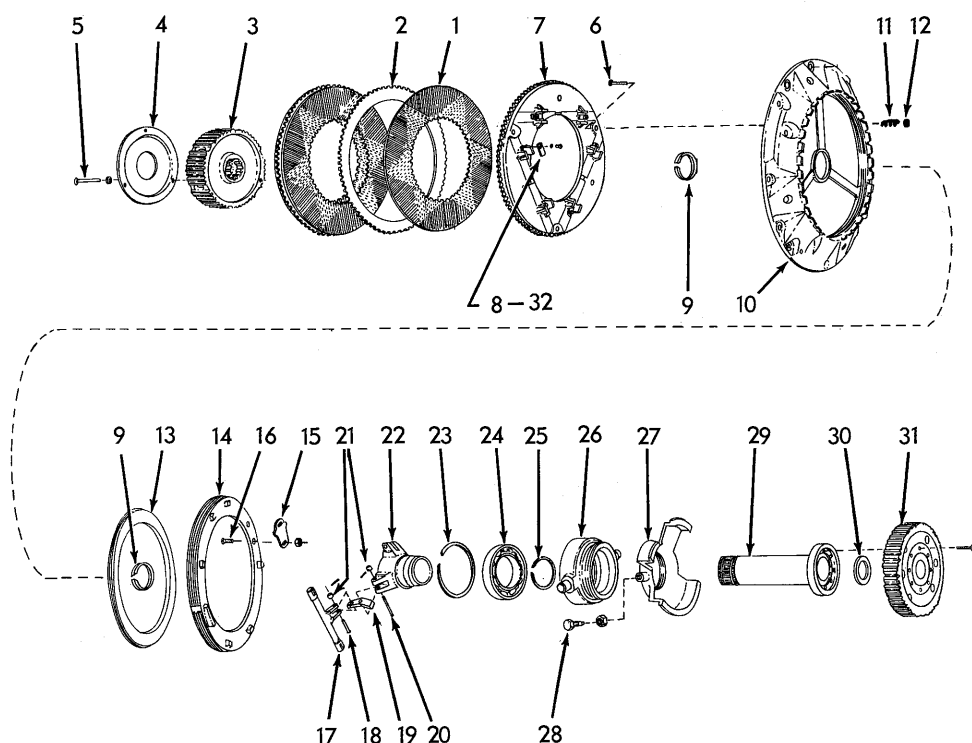
T-76472

ITEM	PART NO.	QTY.	DESCRIPTION
1	0672047-8	1	LEVER ASSY., clutch operating (Includes item 2)
2	0049988-9	1	BUSHING, clutch operating lever
3	0078620-2	1	GRIP, operating lever
4	0673751-4	1	BRACKET, clutch operating lever
5	0924864-2	4	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-3	4	LOCKWASHER, 1/2"
	0911028-9	4	NUT, 1/2"NC
	0911159-2	1	WASHER, plain, SAE std., 1"
	0910302-9	1	PIN, cotter, 5/32" x 1-1/4"
6	0051513-0	2	BEARING, needle, operating lever shaft
7	0053926-2	2	SEAL, dust, needle bearing
8	0673413-1	1	ROD, operating lever
	0911043-8	2	NUT, 1/2"NF
9	0049993-9	2	PIN, yoke
	0900805-3	2	PIN, cotter, 1/8" x 3/4"

(Continued)

ENGINE CLUTCH CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	0068389-6	2	YOKE, operating
11	0673398-4	1	LEVER, shifting yoke shaft
12	0920996-6	1	CAPSCREW, 3/8"NC x 2-1/4"
	0910287-2	1	LOCKWASHER, 3/8"
	0911026-3	2	NUT, 3/8"NC
13	0678807-9	1	SHAFT, clutch shifting yoke
14	0036997-5	2	KEY, #13 woodruff, 3/16" x 1"
	0905126-9	2	KEY, #15 woodruff, 1/4" x 1"
15	0671339	2	SEAL, oil, shifting yoke shaft
16	0677539-9	1	YOKE ASSY., clutch shifting (Includes hardware indented below)
17	4041247-0	2	CAPSCREW, 3/8"NC x 1-3/8"



ENGINE CLUTCH PARTS

T 76300

USAGE: See page 90

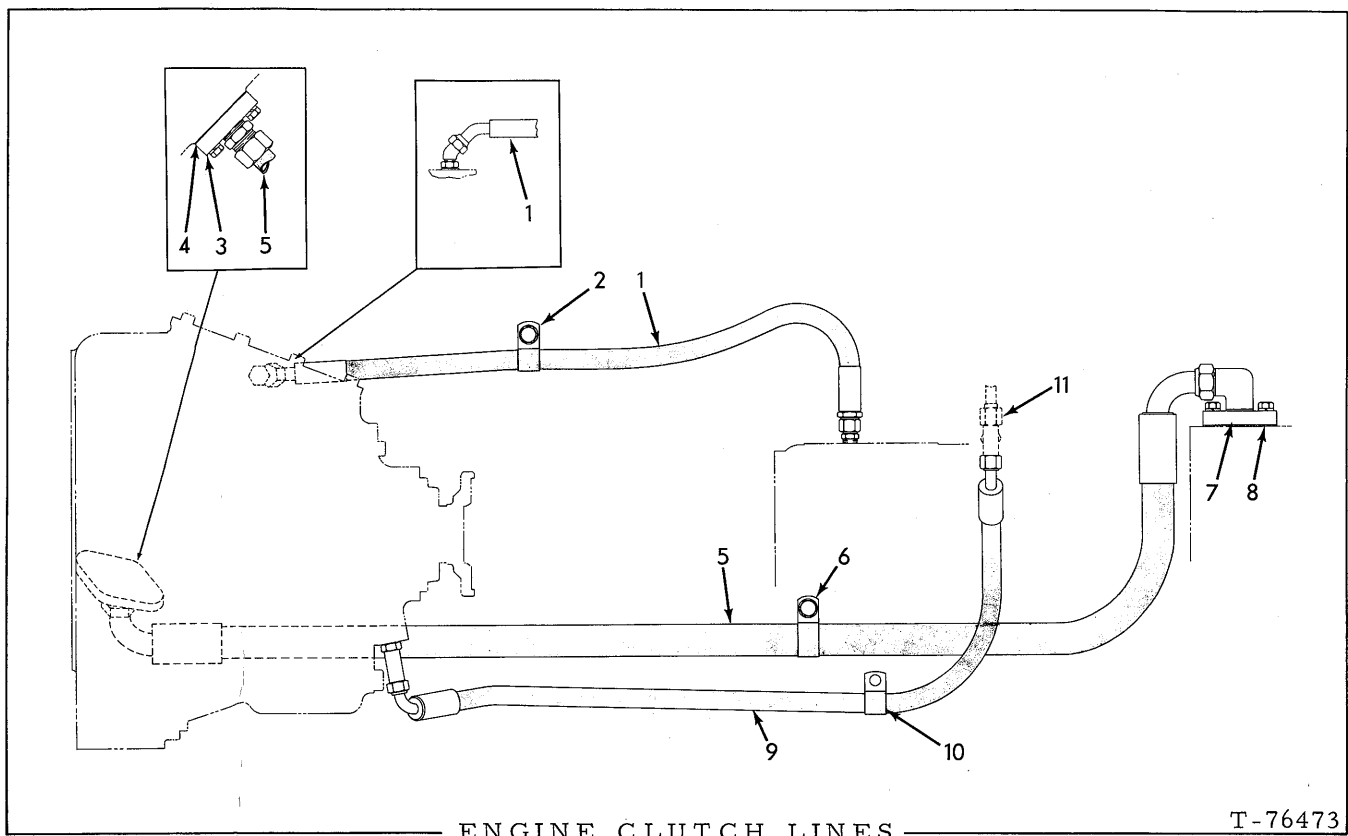
ITEM	PART NO.	QTY.	DESCRIPTION
1	0678808-7	1	CLUTCH ASSY., engine (Includes items 1 thru 31)
1	0645451-6	3	DISC, friction, inner
2	0642453-5	2	DISC, friction, outer
3	0678815-2	1	CENTER, splined
4	0644297-4	1	COVER, splined center
5	0678816-0	3	RIVET, cover retaining
	0645706-3	3	WASHER, plain
6	0073926-8	3	CAPSCREW, retracting spring
7	0638621-3	1	PLATE ASSY., pressure (Includes item 8)
8	0223585-1	6	□BLOCK, cam (Recommend replacement in sets)
	0901226-1	6	SCREW, machine, fil-hd., 1/4"NC x 1/2"
	0914593-9	6	LOCKWASHER, external teeth, 1/4"
9	0624231-7	2	RING, snap, drive sleeve retaining
10	0678809-5	1	PLATE, back
11	0639751-7	3	SPRING, pressure plate retracting
12	0073927-6	3	NUT, retracting spring screw (self-locking)
13	0671305-1	1	PLATE, adjusting ring

□ Indicates Component of item 32

(Continued)

ENGINE CLUTCH PARTS (Continued)

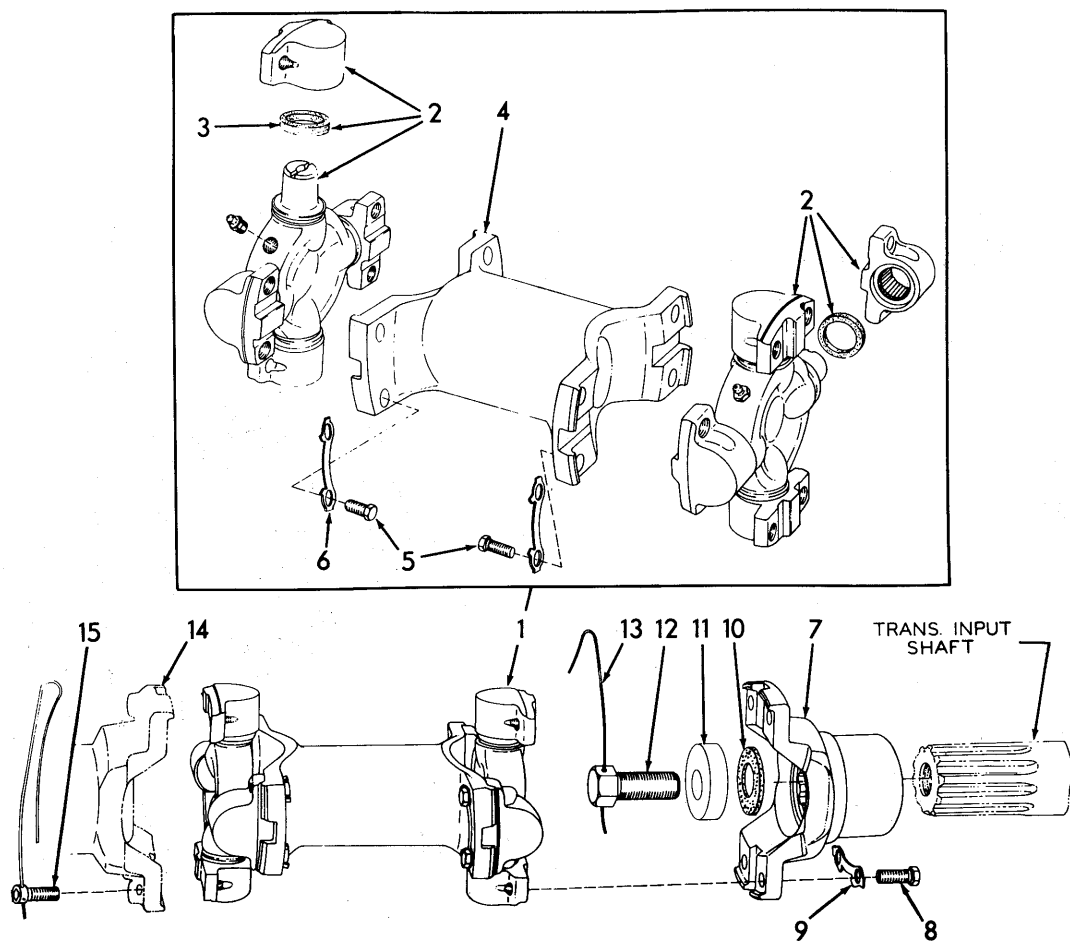
ITEM	PART NO.	QTY.	DESCRIPTION
14	0677744-5	1	RING, adjusting
15	0646825-0	1	LOCK, adjustment
16	0639752-5	2	SCREW (fl-hd., 3/8"NF x 7/8")
	0639750-9	2	NUT flanged (3/8"NF)
17	0671317-6	3	CAMSHAFT ASSY. (Recommend replacement in sets. Includes 6 rollers which are not serviced separately and PIN indented below)
	0917466-5	3	PIN, spring, 3/16" x 1-1/8"
18	0638649-4	3	PIN, connecting link, short
	0919180-0	3	PIN, spring, 1/8" x 5/8"
19	0641557-4	3	LINK, connecting
20	0638648-6	3	PIN, connecting link, long
	0919180-0	3	PIN, spring, 1/8" x 5/8"
21	0638650-2	6	COLLAR, connecting link pin
22	0678812-9	1	SLEEVE ASSY., shifting (Includes 2 bushings which are not serviced separately)
23	0639934-9	1	RING, snap, bearing carrier
24	0042975-3	1	BEARING, ball, shifting sleeve
25	0041809-5	1	RING, snap, shifting sleeve
26	0678813-7	1	CARRIER, bearing
27	0678814-5	1	PLATE
28	0671308-5	1	SCREW, set
	0913830-6	1	NUT, jam, 1/2"NF
29	0678810-3	1	SLEEVE ASSY., drive (Includes 1 bushing which is not serviced separately)
30	0671312-7	1	WASHER, wear
31	0678811-1	1	GEAR, drive
	0922820-6	8	CAPSCREW, 12 pt-hd., 3/8"NC x 1-1/4"
32	0043397-9	1	BLOCK KIT, clutch camshaft (Full set of blocks and attaching parts listed under item 8)



ENGINE CLUTCH LINES

T-76473

ITEM	PART NO.	QTY.	DESCRIPTION
1	0660034-0	1	HOSE ASSY., breather, clutch housing to transmission (See HOSE PARTS)
	0922507-9	1	ELBOW, adjustable, 45°, flare type, 1/2" tube, 3/4"NF (Includes O-RING)
	0921349-7	1	O-RING
	0919063-8	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
2	0644713-5	1	CLIP, hose supporting
	0921175-6	1	CAPSCREW, 1/2"NC x 1"
	0677008-5	1	WASHER, plain
3	0667108-5	1	PLATE, hose connecting
	0921565-8	2	CAPSCREW, 3/8"NC x 1-1/8"
	0910287-2	2	LOCKWASHER, 3/8"
4	0630030-5	1	GASKET
5	0668007-8	1	HOSE ASSY., flywheel housing to main housing (See HOSE PARTS)
	0919064-6	1	CONNECTOR, flare type, 1" tube, 1"NPT male
	0920686-3	1	ELBOW, 90°, flare type, 1" tube, 1"NPT male
6	0927312-9	1	CLIP, hose supporting
7	0668005-2	1	PLATE, hose connecting
	0921565-8	2	CAPSCREW, 3/8"NC x 1-1/8"
	0910287-2	2	LOCKWASHER, 3/8"
8	0668006-0	1	GASKET
9	0679595-9	1	HOSE ASSY., clutch housing to transmission oil line (See HOSE PARTS)
	0927571-0	1	CONNECTOR, flare type, 1/2" tube, 3/4" straight thd., (Includes O-RING)
	0921349-7	1	O-RING
10	0927387-1	1	CLAMP, hose supporting
11	-----	1	TEE (See TRANSMISSION OIL LINE)

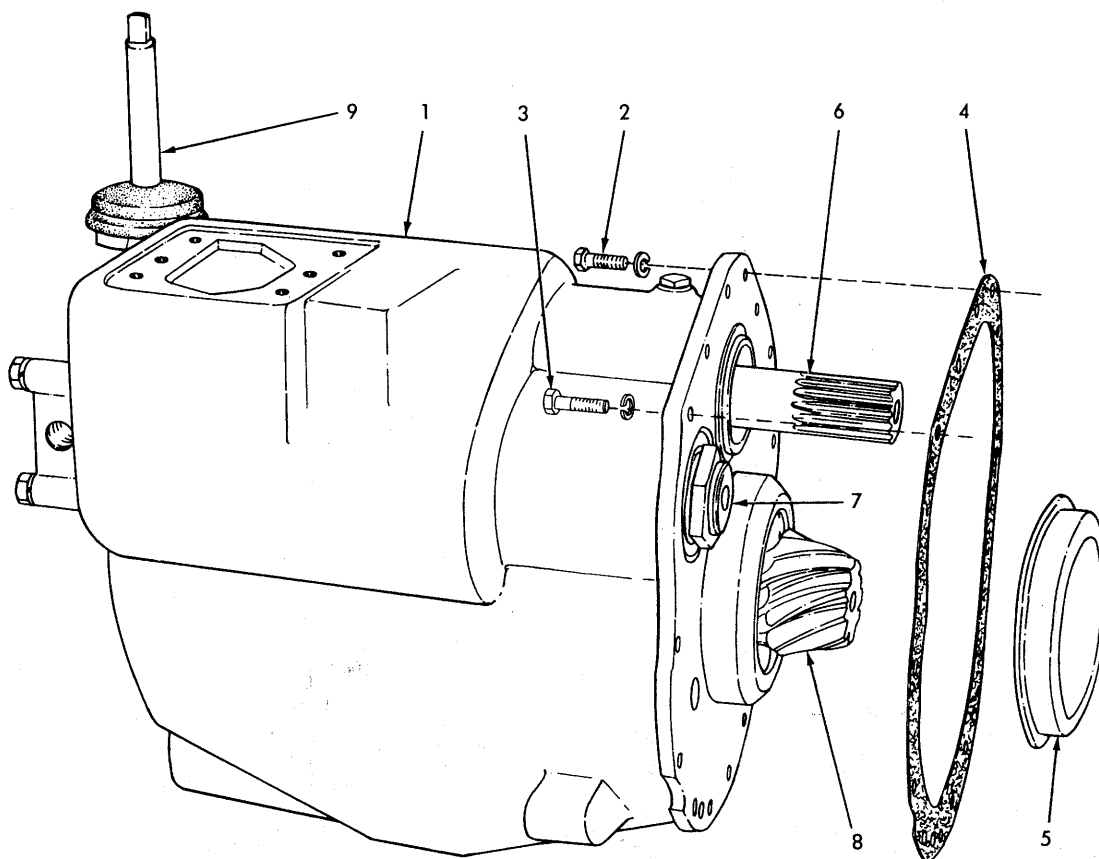


UNIVERSAL JOINT

T-74884

ITEM	PART NO.	QTY.	DESCRIPTION
1	0681069	1	JOINT ASSY., universal (Includes items 2, 4 and 5)
2	0680970	2	SPIDER ASSY., front (Includes four bearings)(Serviced only as a unit)
	0914687	2	FITTING, lubricating, straight, 1/4" NF
3	0076461	8	WASHER, sealing, spider bearing (Early units)
4	0664427	1	YOKE, center
5	0927354	8	CAPSCREW, 3/8" NF x 7/8"
6	0059876	4	LOCK, capscREW (Early units)
7	0643952	1	YOKE, rear
8	0927354	4	CAPSCREW, 3/8" NF x 7/8"
9	0059876	2	LOCK, capscREW (Early units)
10	0050548	1	SEAL, rear yoke (rubber)
11	0050547	1	WASHER, rear yoke retaining
12	0927559	1	CAPSCREW, rear yoke retaining
13	0023633	1	WIRE, locking, 1/16" x 12"
14	-----	1	YOKE, front (See ENGINE CLUTCH AND HOUSING)
15	0620778	4	CAPSCREW, drilled-hd., 3/8" NF x 7/8" } Early units
	0023756	2	
	0927354	4	
			CAPSCREW, 3/8" NF x 7/8" (Late units)

(Revised April 1974)

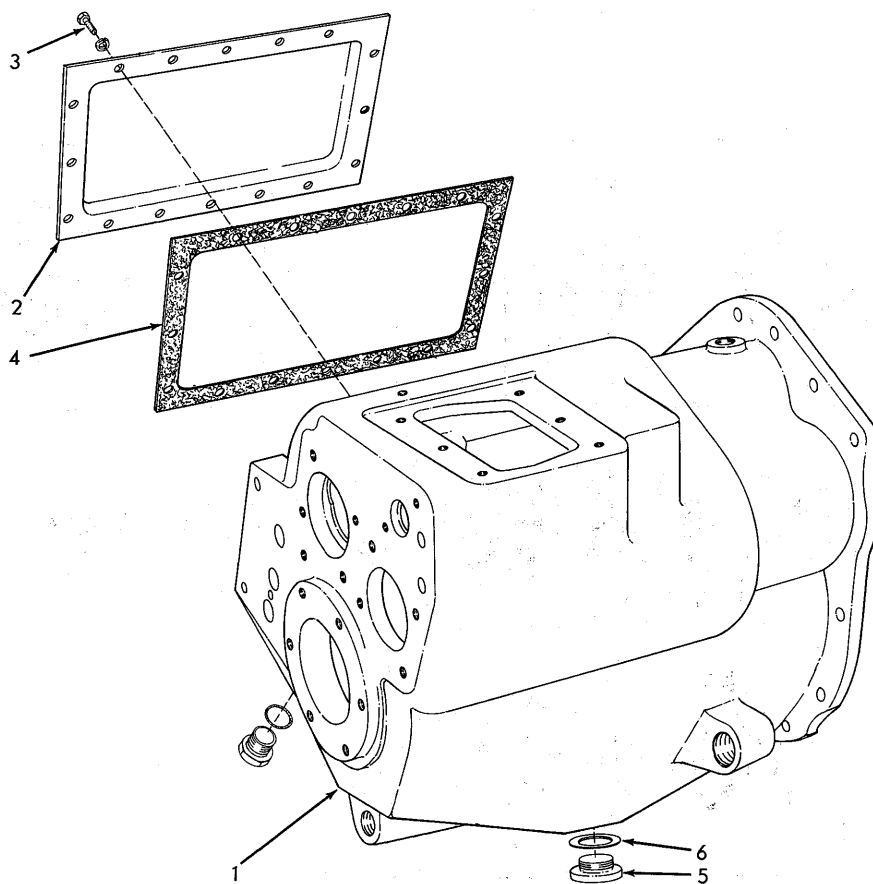


TRANSMISSION

T-41901

ITEM	PART NO.	QTY.	DESCRIPTION
1	0675461-8	1	TRANSMISSION ASSEMBLY (Includes Gears, Shafts and Shifting Forks)
2	0922726-5	13	CAPSCREW, 1/2"NF x 1-1/2"
3	0927522-3	1	CAPSCREW, 1/2"NF x 1-3/4"
	0912441-3	14	LOCKWASHER, 1/2"
4	0623618-6	1	GASKET, case to steering clutch housing
5	0630290-5	1	RING, adapting
6	-----	-	See TRANSMISSION TOP SHAFT
7	-----	-	See TRANSMISSION INTERMEDIATE SHAFT
8	-----	-	See TRANSMISSION PINION SHAFT
9	-----	-	See SPEED SELECTION GEAR SHIFT

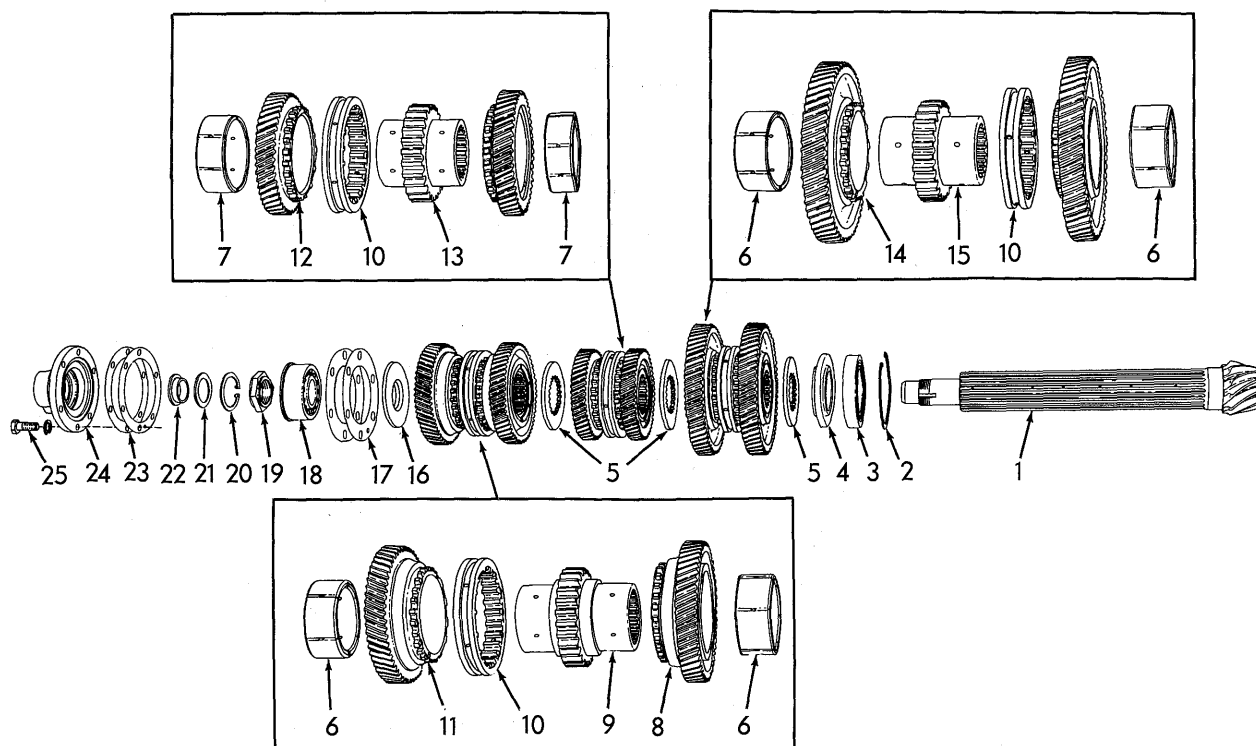
(Revised April 1974)



TRANSMISSION CASE

T-41897

ITEM	PART NO.	QTY.	DESCRIPTION
1	0653903-5	1	CASE, transmission
	0921216-8	1	PLUG, hex-hd, 1-5/16" straight thread (Includes O-RING)
	0921214-3	1	O-RING, plug
2	0078521-2	1	COVER, side
3	0922763-8	12	CAPSCREW, 3/8"NC x 1"
	0910287-2	12	LOCKWASHER, 3/8"
4	0057432-7	1	GASKET, cover plate
5	0035250-0	1	PLUG, drain
6	0667252-1	1	GASKET, drain plug



TRANSMISSION PINION SHAFT

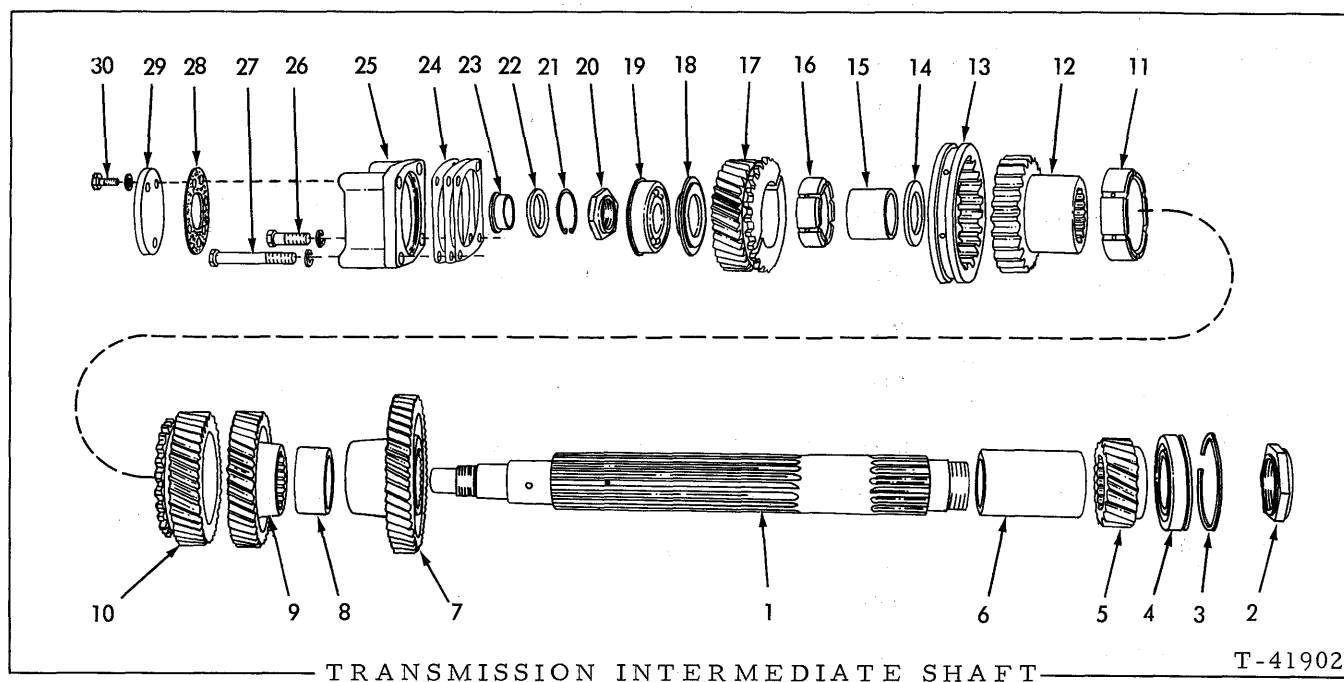
T-32071

ITEM	PART NO.	QTY.	DESCRIPTION
1	0098998-8	1	PINION, bevel (11 teeth)
2	0067627-0	1	RING, snap, rear bevel pinion bearing
3	0057283-4	1	BEARING, roller, bevel pinion, rear
4	0641909-7	1	SPACER, rear bevel pinion (1" long)
5	0679905-0	3	WASHER, gear spacing
6	0623668-1	4	BUSHING, pinion shaft gears (2" long)
7	0623669-9	2	BUSHING, pinion shaft gears (1-9/16" long)
8	0679998-5	1	GEAR, 3rd and 5th speed (55 teeth)
9	0099003-6	1	HUB, 2nd reverse and 3rd and 5th speed gears
10	0679953-0	3	COLLAR, shifting
11	0679986-0	1	GEAR, 2nd reverse (55 teeth)

(Continued)

TRANSMISSION PINION SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	0679965-4	2	GEAR, 3rd reverse and 4th and 6th speed (48 teeth)
13	0099002-8	1	HUB, 3rd reverse and 4th and 6th speed gears
14	0679942-3	2	GEAR, 1st reverse and 1st and 2nd speed (62 teeth)
15	0099001-0	1	HUB, 1st reverse and 1st and 2nd speed gears
16	0069455-4	1	WASHER, spacing, pinion front bearing
17	0069511-4	1	SHIM, adjusting (.005" thick. Use as required)
	0069512-2	8	SHIM, adjusting (.010" thick. Use as required)
18	0043890-3	1	BEARING, ball, bevel pinion, front (Includes snap ring)
19	0078861-2	1	NUT, bevel pinion
20	0621445-6	1	RING, snap
21	0621334-2	1	RING, oil sealing, outer
22	0621335-9	1	RING, oil sealing, inner
23	0069445-5	3	SHIM, adjusting (.007" thick. Use as required)
	0069446-3	3	SHIM, adjusting (.005" thick. Use as required)
24	0673170-7	1	COVER, front bearing
25	0920583-2	6	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	6	LOCKWASHER, 1/2"



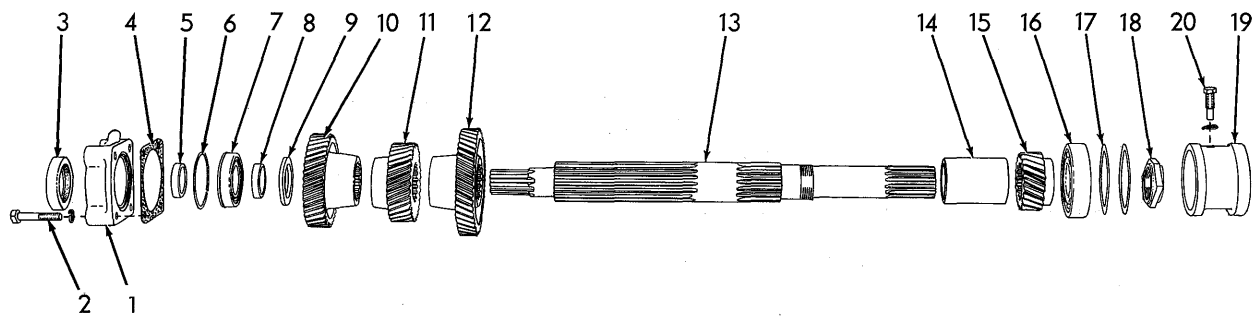
ITEM	PART NO.	QTY.	DESCRIPTION
1	0099026-7	1	SHAFT, intermediate
2	0078864-6	1	NUT, rear
3	0042121-4	1	RING, snap, rear bearing
4	0057281-8	1	BEARING, roller, rear
5	0069236-8	1	GEAR, 1st and 2nd speeds (22 teeth)
6	0069457-0	1	SLEEVE, gear spacing (4-1/8" long)
7	0069235-0	1	GEAR, 4th and 6th speeds (46 teeth)
8	0679966-2	1	SLEEVE, gear spacing (1-5/16" long)
9	0069239-2	1	GEAR, 3rd and 5th speeds (41 teeth)
10	0679789-8	1	GEAR, low range (40 teeth)
11	0623667-3	1	BUSHING, low range gear
12	0069254-1	1	HUB, shifting collar and low range gear
13	0679788-0	1	COLLAR, shifting
14	0069458-8	1	WASHER, spacing, high-range gear
15	0069389-5	1	RACE, inner high-range gear
16	0623666-5	1	BUSHING, high-range gear
17	0679837-5	1	GEAR, high-range (32 teeth)

(Continued)

TRANSMISSION INTERMEDIATE SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	0644117-4	1	WASHER, spacing
19	0054229-0	1	BEARING, ball, front (Includes snap ring)
20	0078860-4	1	NUT, front
21	0621446-4	1	RING, snap
22	0621332-6	1	RING, oil sealing, outer
23	0621333-4	1	RING, oil sealing, inner
24	0679787-2	3	SHIM, bearing retainer (Use as required)
25	0679790-6	1	RETAINER, front bearing
26	0920582-4	1	CAPSCREW, 1/2"NC x 1-1/4"
27	0921539-3	3	CAPSCREW, 1/2"NC x 3-1/2"
	0912441-3	4	LOCKWASHER, 1/2"
28	0099510-0	1	GASKET, retainer plate
29	0676300-7	1	PLATE, front bearing retainer
30	0927373-1	3	CAPSCREW, 5/16"NC x 7/8"
	0917330-3	3	WASHER, plain (copper)

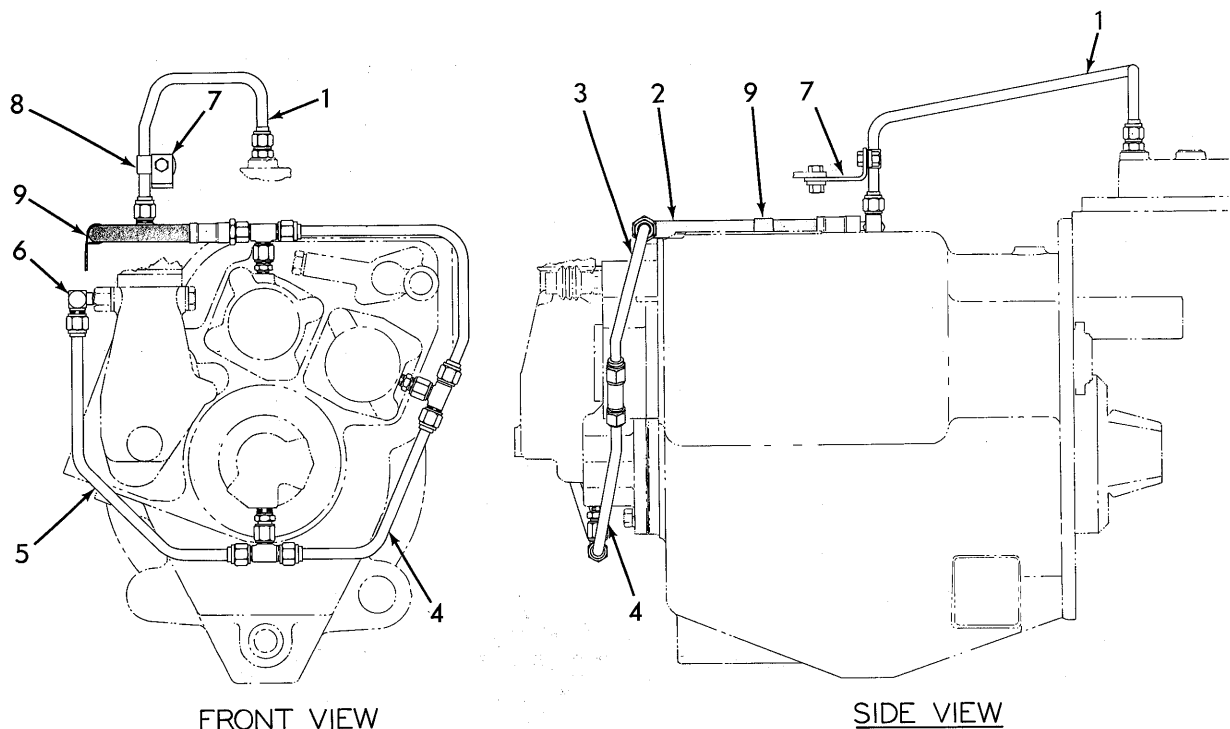
(Revised February 1974)



TRANSMISSION TOP SHAFT

T-4025

ITEM	PART NO.	QTY.	DESCRIPTION
1	0623411-6	1	RETAINER, front bearing
2	0922526-9	4	CAPSCREW, 1/2"NC x 2-1/2"
	0912441-3	4	LOCKWASHER, 1/2"
3	0628823-7	1	SEAL, oil, front bearing retainer
4	0059261-8	1	GASKET, front bearing retainer
5	0679792-2	1	SPACER, front bearing (1/2" thick)
6	0057289-1	1	RING, snap, front bearing
7	0057282-6	1	BEARING, roller, front
8	0069459-6	1	SLEEVE, spacing, front bearing
9	0069461-2	1	SPACER, hi-range and 2nd reverse gear (3/8" thick)
10	0679827-6	1	GEAR, hi-range and 2nd reverse (41 teeth)
11	0643486-4	1	GEAR, lo-range (34 teeth)
12	0069235-0	1	GEAR, 3rd reverse (46 teeth)
13	0621678-2	1	SHAFT, top
14	0679880-5	1	SLEEVE, spacing (3-7/8" long)
15	0069240-0	1	GEAR, 1st reverse (21 teeth)
16	0069428-1	1	BEARING, ball, rear
17	0069452-1	4	SHIM, bearing adjusting (.005" thick. Use as required)
18	0078864-6	1	NUT, top shaft
19	0641912-1	1	SLEEVE, rear bearing
20	0621330-0	1	SCREW, sleeve locking
	0904209-4	1	LOCKWASHER, 5/8"

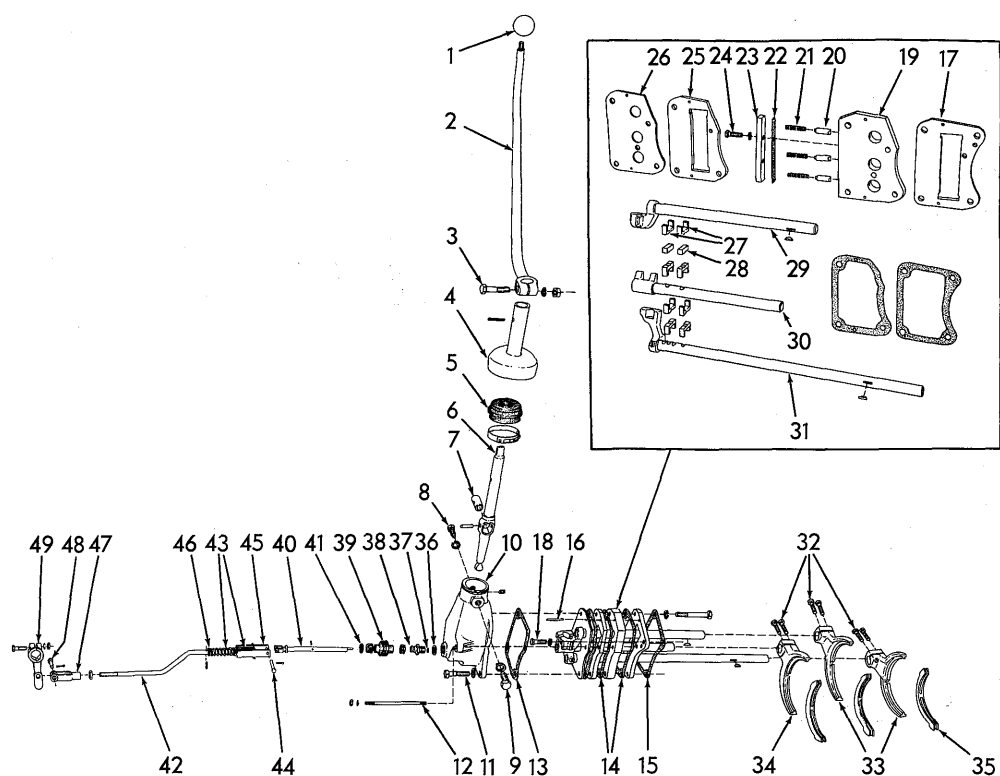


TRANSMISSION OIL LINES

T-76474

ITEM	PART NO.	QTY.	DESCRIPTION
1	0673341-4	1	TUBE ASSY., valve to top shaft
	0921298-6	1	TEE, flare type, swivel nut, 1/2" tube
	0681065-9	1	TEE, flare type, 1/2" tube (restricted)
	0921409-9	1	CONNECTOR, flare type, 1/2" tube, 3/4" NF male end (Includes O-RING)
	0921349-7	1	O-RING, connector
	0681986-6	1	FITTING (restricted)(Tractors units #16205 and up excluding #16211 and #16216)
2	0670141-1	1	HOSE, valve to top shaft (See HOSE PARTS)
	0921276-2	1	TEE, flare type, swivel nut, 1/2" tube
	0623188-0	1	CONNECTOR, flare type, restricted, 1/2" tube, 1/4"NPT male
3	0623625-1	1	TUBE ASSY., top shaft to intermediate shaft (Includes nuts)
	0921276-2	1	TEE, flare type, swivel nut, 1/2" tube
	0919205-5	1	CONNECTOR, flare type, 1/2" tube, 1/4"NPT male
4	0673192-1	1	TUBE ASSY., intermediate shaft to pinion shaft (Includes nuts)
	0921276-2	1	TEE, flare type, swivel nut, 1/2" tube
	0919128-9	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
5	0673191-3	1	TUBE ASSY., pinion shaft to gear shift housing (Includes nuts)
6	0679491-1	1	ELBOW, gear shift housing
7	0674055-9	1	ANGLE, tube supporting
	0921076-6	1	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	1	WASHER, plain
	0911026-3	1	NUT, 3/8"NC
8	0620063-8	1	CLIP, tube supporting
	0922763-8	1	CAPSCREW, 3/8"NC x 1"
	0677006-9	1	WASHER, plain
	0911026-3	1	NUT, 3/8"NC
9	0928214-6	1	CLAMP, hose supporting

(Revised February 1974)



SPEED SELECTION GEAR SHIFT

T-32074

ITEM	PART NO.	QTY.	DESCRIPTION
1	0091862-3	1	KNOB, extension lever
2	0673768-8	1	LEVER, extension
3	0924864-2	1	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-2	1	LOCKWASHER, 1/2"
	0911026-3	1	NUT, 1/2"NC
4	0082638-8	1	GUARD, shift lever boot
	0915989-8	1	PIN, spring, 3/16" x 1-3/8"
5	0078742-4	1	BOOT, shift lever
	0916995-4	1	CLAMP, hose
6	0634622-5	1	LEVER, speed selection shift
	0915500-3	1	PIN, roll, 3/8" x 1-3/4"
7	0622080-0	1	SHAFT, shift lever pivot
8	0620313-7	1	SCREW, shift lever pivot, right
	0904209-4	1	LOCKWASHER, 5/8"
9	0621330-0	1	SCREW, shift lever pivot, left
	0904209-4	1	LOCKWASHER, 5/8"
10	0089829-6	1	HOUSING, shift lever
	0901651-0	1	PLUG, pipe, 1/8"NPT
	0927222-0	1	CAPSCREW, 1/2"NC x 4-3/4"
	0912441-3	1	LOCKWASHER, 1/2"
11	0924864-2	2	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-3	2	LOCKWASHER, 1/2"

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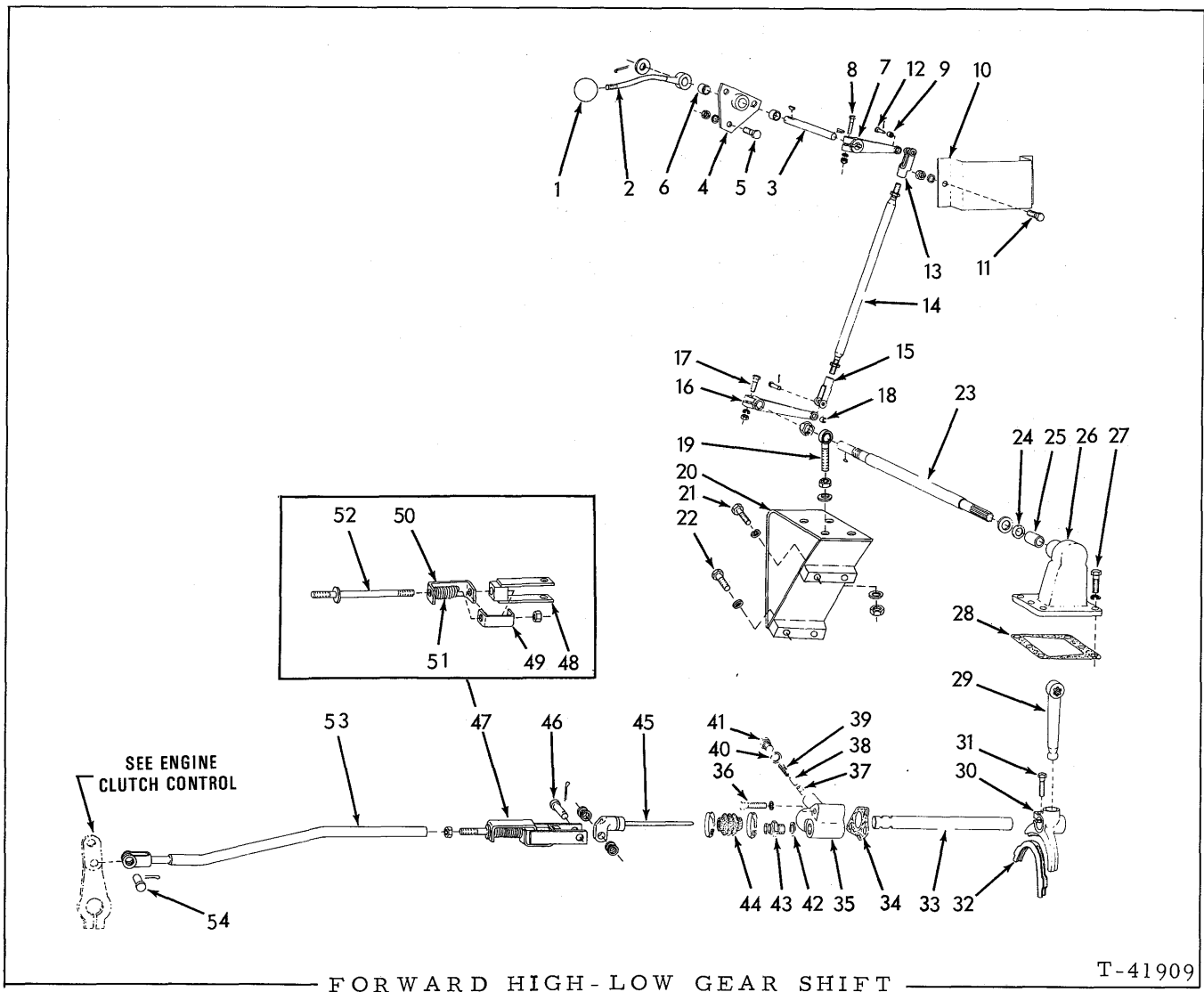
SPEED SELECTION GEAR SHIFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	0621262-5	1	STUD, shift lever housing
	0910287-2	1	LOCKWASHER, 3/8"
	0911041-2	1	NUT, 3/8"NF
13	0085877-9	1	GASKET, shift lever housing
14	0620980-3	3	GASKET, shaft locking plates
15	0085878-7	1	GASKET, shaft rear locking plate
16	0620981-1	2	PIN, dowel, shaft locking plates
17	0623902-4	1	PLATE, shaft locking, rear
18	0920585-7	1	CAPSCREW, 1/2"NC x 1-3/4"
	0912441-3	1	LOCKWASHER, 1/2"
19	0623903-2	1	PLATE, shifting shaft plunger
20	0641356-1	3	PLUNGER, shifting shaft
21	0096922-0	3	SPRING, shifting shaft interlock
22	0620974-6	1	GASKET, plunger retaining bar
23	0620982-9	1	BAR, plunger retaining
24	0921076-6	2	CAPSCREW, 3/8"NC x 1-1/4"
	0910287-2	2	LOCKWASHER, 3/8"
25	0623904-0	1	PLATE, shaft locking, front
26	0623905-7	1	PLATE, shaft guiding
27	0638953-0	8	DETENT, shifting shaft interlock
28	0620964-7	2	BLOCK, spacing, interlock detent
29	0620957-1	1	SHAFT, shifting fork, upper
	0911233-5	1	KEY, #11 woodruff, 3/16" x 7/8"
30	0620961-3	1	SHAFT, shifting fork, center
31	0620147-9	1	SHAFT, shifting fork, lower
	0911233-5	1	KEY, #11 woodruff, 3/16" x 7/8"
32	0922726-5	6	CAPSCREW, shifting forks (1/2"NF x 1-1/2")
	0928460	6	WASHER, plain
33	0679897-9	2	FORK, center and rear
34	0679888-8	1	FORK, front
35	0679864-9	3	COLLAR, wear, shifting fork
36	0050267-4	1	WASHER, plunger sleeve (copper)
37	0078402-5	1	WASHER, shifting lock plunger
38	0651580-3	1	SLEEVE, shifting lock plunger
39	0635082-1	1	BOOT, locking plunger
	0916897-2	2	CLAMP, hose, 1" diam.
40	0679403-6	1	PLUNGER, shifting lock
	0916146-4	1	PIN, spring, 3/32" x 1/2"
41	0651725-4	1	SEAL, shifting lock plunger

(Continued)

SPEED SELECTION GEAR SHIFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
42	0673428-9	1	ROD, shifting lock plunger
	0916202-5	1	PIN, spring, 1/8" x 7/8"
	0911041-2	1	NUT, 3/8"NF
43	0035910-9	2	SPRING, plunger rod
44	0082875-6	1	PIN, shifting lock plunger
	0900942-4	1	PIN, cotter, 3/32" x 5/8"
45	0078967-7	1	YOKE, plunger rod
46	0677006-9	1	WASHER, spring retaining
47	0628736-1	1	YOKE, plunger rod (3/8"NF)
48	0078810-9	1	PIN, plunger rod yoke
	0900942-0	1	PIN, cotter, 3/32" x 5/8"
49	0673456-0	1	LEVER, plunger rod operating
	0920995-8	1	CAPSCREW, 3/8"NC x 2"
	0910287-2	1	LOCKWASHER, 3/8"
	0911026-3	1	NUT, 3/8"NC



FORWARD HIGH-LOW GEAR SHIFT

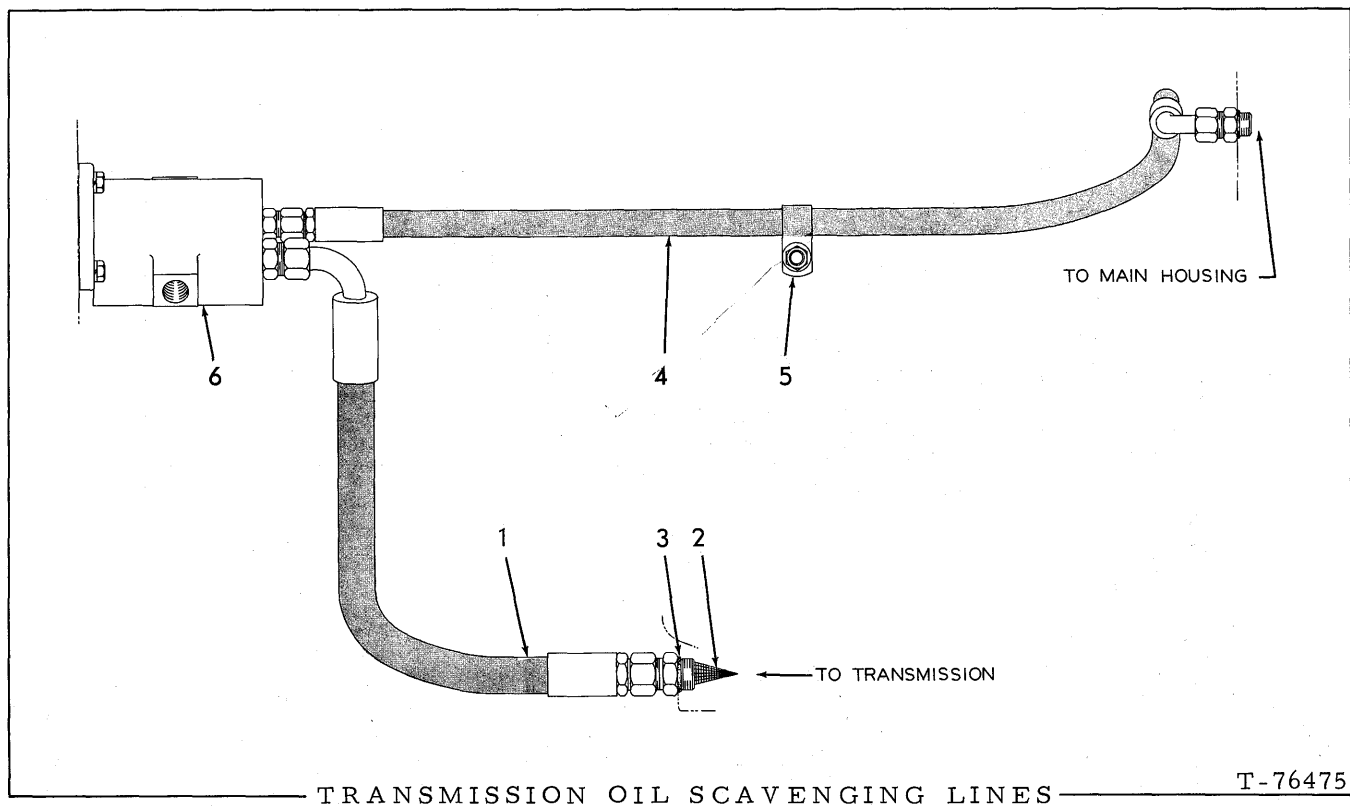
ITEM	PART NO.	QTY.	DESCRIPTION
1	0090020-9	1	KNOB, shift lever
2	0672366-2	1	LEVER, gear shift
3	0633888-3	1	SHAFT, gear shift lever
	0905123-6	2	KEY, #9 woodruff, 3/16" x 3/4"
	0910255-9	1	WASHER, plain, SAE std., 3/4"
	0900807-9	1	PIN, cotter, 1/8" x 1-1/4"
4	0633889-1	1	BRACKET ASSY., gear shift lever (Includes item 6)
5	0922262-1	3	CAPSCREW, 3/8"NC x 7/8"
	0910287-2	3	LOCKWASHER, 3/8"
	0911026-3	3	NUT, 3/8"NC
6	0630795-3	2	BUSHING, gear shift lever bracket
7	0632282-0	1	LEVER ASSY., intermediate (Includes item 9)
8	0920660-8	1	CAPSCREW, 5/16"NC x 1-1/2"
	0910286-4	1	LOCKWASHER, 5/16"
	0911025-5	1	NUT, 5/16"NC
9	0624584-9	1	BUSHING, intermediate lever
10	0666403-1	1	SHIELD, intermediate lever
11	0922300-9	2	CAPSCREW, 3/8"NC x 3/4"
	0910287-6	2	LOCKWASHER, 3/8"
	0911026-3	2	NUT, 3/8"NC
12	0078810-9	2	PIN, control rod yoke
	0900942-4	2	PIN, cotter, 3/32" x 5/8"
13	0634074-9	1	YOKE, control rod (upper)
14	0634790-0	1	ROD, control
	0911041-2	2	NUT, 3/8"NF
15	0628736-1	1	YOKE, control rod (lower)
16	0634758-7	1	LEVER ASSY., lower (Includes item 18)
17	0920660-8	1	CAPSCREW, 5/16"NC x 1-1/2"
	0910286-4	1	LOCKWASHER, 5/16"
	0911025-5	1	NUT, 5/16"NC
18	0624584-9	1	BUSHING, lower lever
19	0634965-8	1	END, rod, shaft supporting
	0910847-3	2	NUT, jam, 3/4"NF
	0900820-2	2	WASHER, plain, U.S. std., 3/4"
20	0672372-0	1	BRACKET, shaft supporting, lower
21	0920995-8	3	CAPSCREW, 3/8"NC x 2"
22	0920996-6	1	CAPSCREW, 3/8"NC x 2-1/4"
	0910287-2	3	LOCKWASHER, 3/8"
	0677006-9	1	WASHER, plain
23	0672373-8	1	SHAFT, shifting lever
	0905123-6	1	KEY, #9 woodruff, 3/16" x 3/4"
	0910255-9	1	WASHER, plain, SAE std., 3/4"
	0910847-3	1	NUT, jam, 3/4"NF
24	0052662-4	1	SEAL, oil, shifting lever shaft
25	0606009-9	1	BUSHING, shifting lever housing

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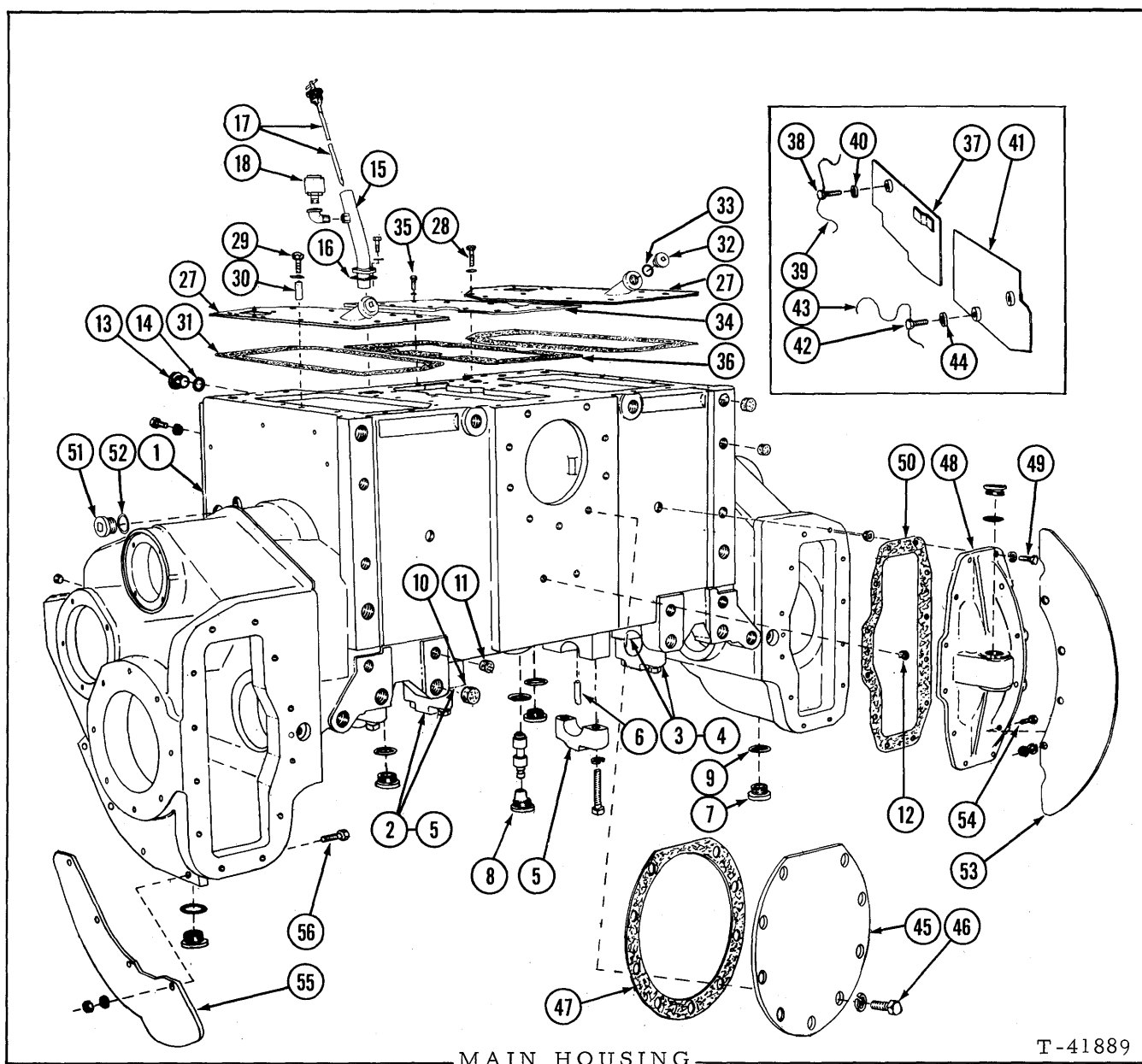
FORWARD HIGH-LOW GEAR SHIFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	0634980-7	1	HOUSING ASSY., shifting lever (Includes items 24 and 25)
27	0921076-6	6	CAPSCREW, 3/8"NC x 1-1/4"
	0910287-2	6	LOCKWASHER, 3/8"
28	0057407-9	1	GASKET, shifting lever housing
29	0633207-6	1	LEVER, shifting
30	0679892-0	1	FORK, shifting
31	0922726-5	2	CAPSCREW, 1/2"NF x 1-1/2"
	0928460-5	2	WASHER, plain
32	0679791-4	1	COLLAR, wear, shifting fork
33	0643045-8	1	SHAFT, shifting fork
34	0069468-7	1	GASKET, interlock housing
35	0643046-6	1	HOUSING, gear shift interlock
36	0922287-8	2	CAPSCREW, 3/8"NC x 1-3/4"
	0910287-2	2	LOCKWASHER, 3/8"
37	0643040-9	1	PIN, interlock
38	0641356-1	1	PLUNGER, shaft locating
39	0096922-0	1	SPRING, shifting shaft interlock
40	0049918-6	1	WASHER, interlock spring capscREW (copper)
41	0924277-7	1	CAPSCREW, interlock spring (5/8"NC x 1")
42	0050267-4	1	WASHER, plunger sleeve (copper)
43	0620975-3	1	SLEEVE, shifting lock plunger (13/32" hole)
44	0080166-2	1	BOOT, locking plunger
	0916897-2	2	CLAMP, hose, 1" diam.
45	0643042-5	1	PLUNGER, shifting lock
46	0085038-8	1	PIN, locking plunger
	0911115-4	4	WASHER, plain, SAE std., 3/8"
	0900942-4	1	PIN, cotter, 3/32" x 5/8"
47	0663920-7	1	OVERTRAVEL ASSY. (Consists of items 48 thru 52)
48	0663918-1	1	GUIDE, overtravel
49	0620266-7	1	BRACKET, overtravel (short)
50	0620267-5	1	BRACKET, overtravel (long)
51	0691437-8	1	SPRING, overtravel
52	0663917-3	1	ROD, overtravel
	0911048-7	1	NUT, jam, 3/8"NF
53	0673417-2	1	ROD, shifting lock plunger
	0911041-2	1	NUT, 3/8"NF
54	0082875-6	1	PIN, plunger rod
	0900942-4	1	PIN, cotter, 3/32" x 5/8"

(Revised February 1974)



ITEM	PART NO.	QTY.	DESCRIPTION
1	0668019-3	1	HOSE, transmission to pump (See HOSE PARTS)
	0921217-6	1	CONNECTOR, flare type, 3/4" tube, 1-1/16" male end (Includes O-RING)
	0921206-9	1	O-RING, connector
2	0668037-5	1	SCREEN, oil
3	0921206-9	1	O-RING, oil screen
4	0668063-1	1	HOSE, pump to main housing (See HOSE PARTS)
	0923717-3	2	CONNECTOR, flare type, 1/2" tube, 7/8"NF male end (Includes O-RING)
	0921205-1	2	O-RING, connector
5	0927387-1	1	CLIP, hose supporting
	0921076-6	1	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	2	WASHER, plain
	0911026-3	1	NUT, 3/8"NC
6	-----	1	PUMP ASSY., oil (See page 129)



ITEM	PART NO.	QTY.	DESCRIPTION
1	0676419-5	1	HOUSING ASSY. (Includes items 2 thru 6)
	0904223-5	4	PLUG, pipe, ctsk-hd., 1/2"NPT
	0927481-2	4	CAPSCREW, hole-plugging
	0618724-9	4	WASHER, copper
2	0096210-0	2	CAP ASSY., track frame pivot shaft, inner
3	0096209-2	2	CAP ASSY., track frame pivot shaft, outer

NOTE: Each Cap Assy. listed above includes items 4 and 5;
also upper block which requires welding to housing.

(Continued)

(Revised February 1974)

MAIN HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
4	0060552	2	CAP, track frame pivot shaft, outer	} Also see items 2 and 3
	0052527	4	CAPSCREW, 3/4" NF x 3-1/2"	
	0904369	4	LOCKWASHER, 3/4"	
5	0666488	2	CAP ASSY., track frame pivot shaft, inner (Includes item 6)	
	0052527	4	CAPSCREW, 3/4" NF x 3-1/2"	
	0904369	4	LOCKWASHER, 3/4"	
6	0666489	2	PIN, dowel, inner pivot shaft cap	
7	0035250	6	PLUG, final drive compartment	
8	0067543	1	PLUG, drain, bevel gear compartment (magnetic)	
9	0667252	7	GASKET, plug	
10	0664852	10	CORK, thread protecting (1-1/4" diam.)	
11	0664850	4	CORK, thread protecting (1" diam.)	
12	0664851	2	CORK, thread protecting (5/8" diam.)	
13	0920107	1	PLUG, housing (Includes item 13)	
14	0921206	1	O-RING, plug sealing	
15	0676371	1	TUBE, oil filler	
	0927173	2	CAPSCREW, 3/8" NC x 1-1/8"	
	0910287	2	LOCKWASHER, 3/8"	
16	0655875	1	GASKET	
17	0678930	1	GAUGE, oil level	
18	0679375	1	BREATHER ASSY. (Serviced only as a unit)	
	0919824	1	ELBOW, street, 90°, 3/4" NPT to 1/2" NPT	
19	-----	-	} Not Applicable	
20	-----	-		
21	-----	-		
22	-----	-		
23	-----	-		
24	-----	-		
25	-----	-		
26	-----	-		
27	{ 0671639	1	PLATE, cover, left steering clutch compartment	
	{ 0671640	1	PLATE, cover, right steering clutch compartment	
28	0927353	2	CAPSCREW, 1/2" NF x 1-1/4"	} 20 additional used prior to tractors unit #17021
	0912441	2	LOCKWASHER, 1/2"	
29	0927543	20	CAPSCREW, 1/2" NF x 2-1/4"	} Tractors unit #17021 and up
	0677008	20	WASHER, plain	

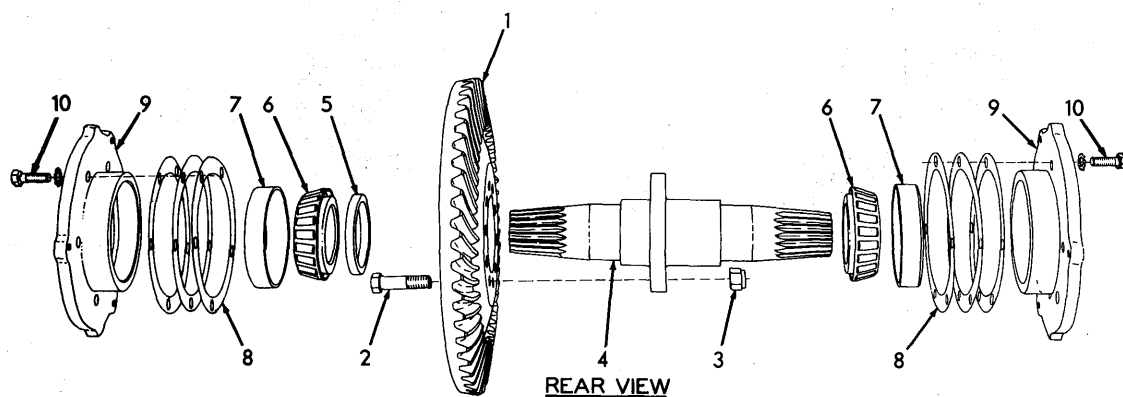
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(Revised February 1974)

MAIN HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
30	0097413-9	20	BLOCK, capscrew (Effective tractors unit #17021)
31	0650264-5	2	GASKET, steering clutch compartment cover
32	0651978-9	2	PLUG, brake adjustment access hole
33	0623144-3	2	GASKET, brake hole plug
34	0653894-6	1	COVER, bevel gear compartment, top
35	0922726-5	12	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	12	LOCKWASHER, 1/2"
36	0655964-5	1	GASKET, bevel gear compartment top cover
37	0642048-3	1	PLATE, oil baffle, front section
38	0927482-0	1	CAPSCREW, drilled-hd., 3/8"NC x 1-5/8"
39	0023633-1	1	WIRE, locking, 1/16" x 12"
40	0677006-9	1	WASHER, plain
41	0642435-2	1	PLATE, oil baffle, rear section
42	0927483-8	2	CAPSCREW, drilled-hd., 3/8"NC x 2"
43	0037000-7	1	WIRE, locking, 1/16" x 16"
44	0677006-9	2	WASHER, plain
45	0052977-6	1	COVER, bevel gear compartment, rear (Removed when Power Take-Off is installed)
46	0927205-5	9	CAPSCREW, Nylok, 5/8"NC x 1-1/4"
	0912942-0	9	LOCKWASHER, 5/8"
47	0052976-8	1	GASKET, bevel gear compartment rear cover
48	0656989-1	1	COVER, left final drive compartment
	0656990-9	1	COVER, right final drive compartment
49	0922726-0	26	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	26	LOCKWASHER, 1/2"
50	0064377-5	2	GASKET, final drive compartment cover
51	0050594-1	2	PLUG, clutch compartment
52	0050595-8	2	GASKET, clutch compartment plug
NOTE: Guards listed below are special equipment			
53	0647952-1	2	GUARD, track sprocket, upper (Heavy-duty reinforced type)
54	0920585-7	8	CAPSCREW, 1/2"NC x 1-3/4"
	0910441-3	8	LOCKWASHER, 1/2"
	0911028-9	8	NUT, 1/2"NC
55	0647953-9	1	GUARD, track sprocket, lower left
	0647954-7	1	GUARD, track sprocket, lower right
56	0920585-7	8	CAPSCREW, 1/2"NC x 1-3/4"
	0912441-3	8	LOCKWASHER, 1/2"
	0911028-9	8	NUT, 1/2"NC

(Revised September 1972)

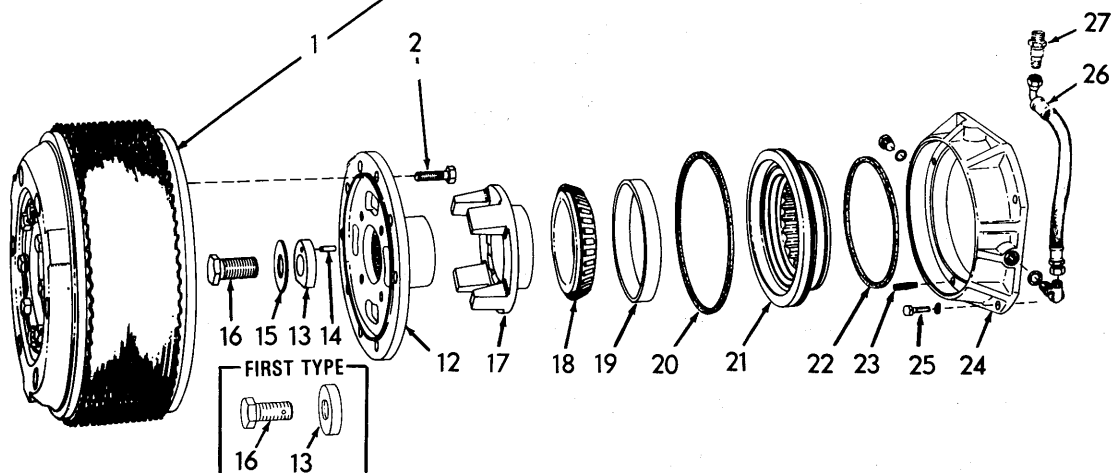
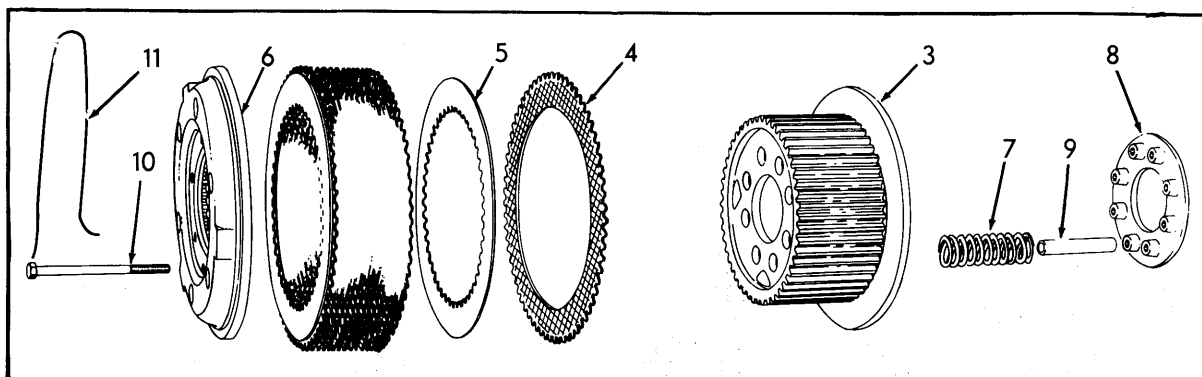


BEVEL GEAR AND SHAFT

T-72374

ITEM	PART NO.	QTY.	DESCRIPTION
1	0056780-0	1	GEAR, bevel
2	0052270-6	10	BOLT, 5/8"NF x 2-1/2"
3	0645320-3	10	NUT, elastic stop, 5/8"NF
4	0672828-1	1	SHAFT, bevel gear (Tractors prior to unit #17329)
	0685764-3	1	SHAFT, bevel gear (Tractors unit #17329 and up)
5	0627279-3	1	RING, bolt locking
6	0631588-1	2	CONE ASSY., shaft bearing
7	0631587-3	2	CUP, shaft bearing
8	0634134-1	12	SHIM, bearing adjustment (.005" thick)
	0634135-8	12	SHIM, bearing adjustment (.007" thick)
	0634136-6	12	SHIM, bearing adjustment (.010" thick)
9	0659493-1	2	CAGE, bearing
10	0927522-3	10	CAPSCREW, 1/2"NF x 1-3/4"
	0910210-4	10	LOCKWASHER, external teeth, 1/2"

Use as required



STEERING CLUTCHES

T-41894

ITEM	PART NO.	QTY.	DESCRIPTION
1	0661595-9	2	CLUTCH ASSY. (Consists of items 3 thru 11)
2	0650828-7	20	BOLT, self-locking, 1/2"NC x 1-3/8"
3	0650657-0	2	HUB, steering clutch
4	0624561-7	32	DISC, friction (bi-metallic)
5	0624562-5	32	DISC, friction (steel)(Use as required)
6	0056793-3	2	PLATE, pressure
7	0661594-2	16	SPRING, pressure
8	0050214-6	2	PLATE, throwout
9	0631305-0	16	SPACER, throwout plate
10	0631300-1	16	CAPSCREW, plate (drilled-hd., 1/2"NC x 5-3/4")
11	0023756-0	4	WIRE, locking, 1/16" x 26"
12	0659686-0	2	HUB, driving

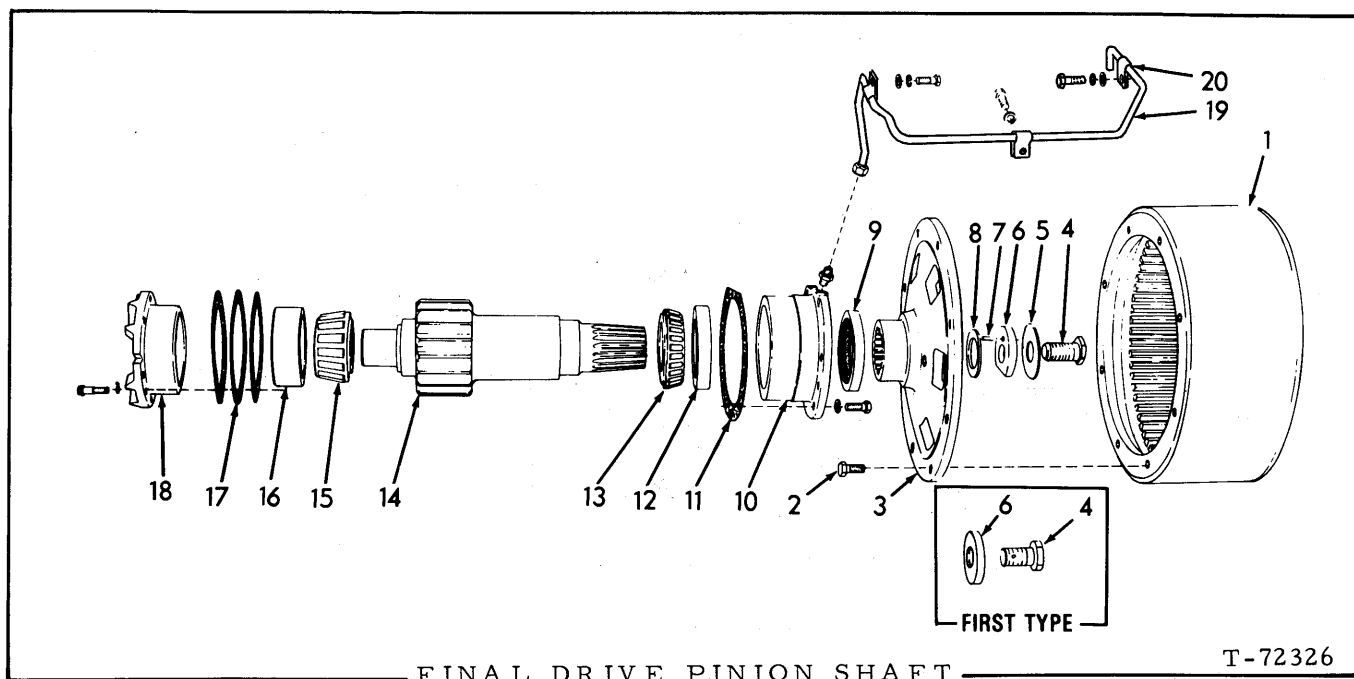
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(Revised February 1974)

STEERING CLUTCHES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	0666366-0	2	WASHER, hub retaining (Tractors prior to unit #17329)
	0664337-3	2	WASHER ASSY., hub retaining (Includes item 14)(Tractors unit #17329 and up)
14	0035793-9	2	DOWEL (Tractors unit #17387 and up)
15	0684478-1	2	LOCK, capscrew (Tractors unit #17329 and up)
16	0663117-0	2	CAPSCREW, hub retaining (self-locking)(Tractors prior to unit #17329)
	0684479-9	2	CAPSCREW, hub retaining (Tractors unit #17329 and up)
17	0659687-8	2	SLEEVE, throwout
18	0624642-5	2	CONE ASSY., clutch throwout bearing
19	0624641-7	2	CUP, clutch throwout bearing
20	0624673-0	2	RING, sealing, actuating piston, outer
21	0631510-5	2	PISTON, actuating
22	0624674-8	2	RING, sealing, actuating piston, inner
23	0040475-6	6	SPRING, throwout bearing ring
24	0631575-8	2	RING, collector
	0921573-2	2	PLUG, hex-hd., 3/4"NF (Includes O-RING)
	0921349-7	2	O-RING
25	0921076-6	6	CAPSCREW, 3/8"NC x 1-1/4"
	0910287-2	6	LOCKWASHER, 3/8"
26	0641125-0	2	HOSE, oil pressure (See HOSE PARTS)
	0921402-4	2	ELBOW, adjustable, 90°, flare type, 1/2" tube, 3/4"NF (Includes O-RING)
	0921349-7	2	O-RING
27	-----	2	UNION (See CONTROL VALVE AND LINES)

(Revised February 1974)



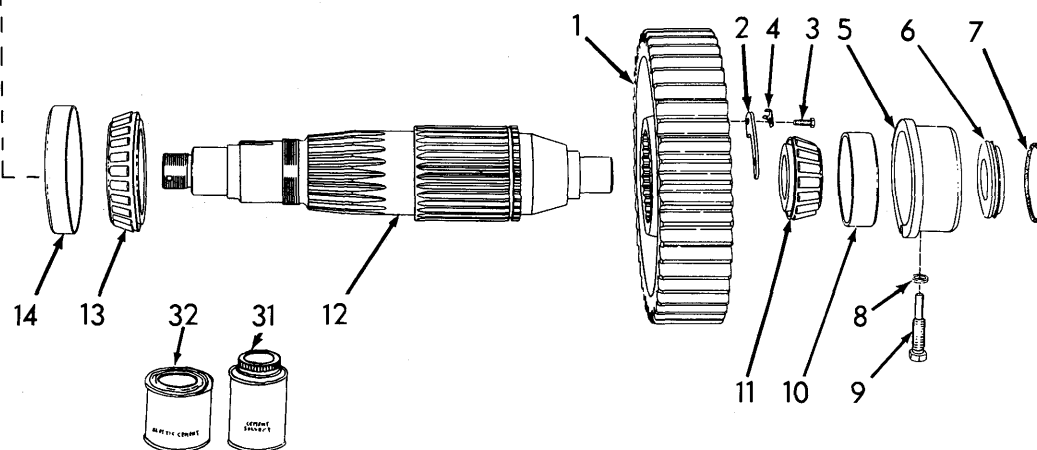
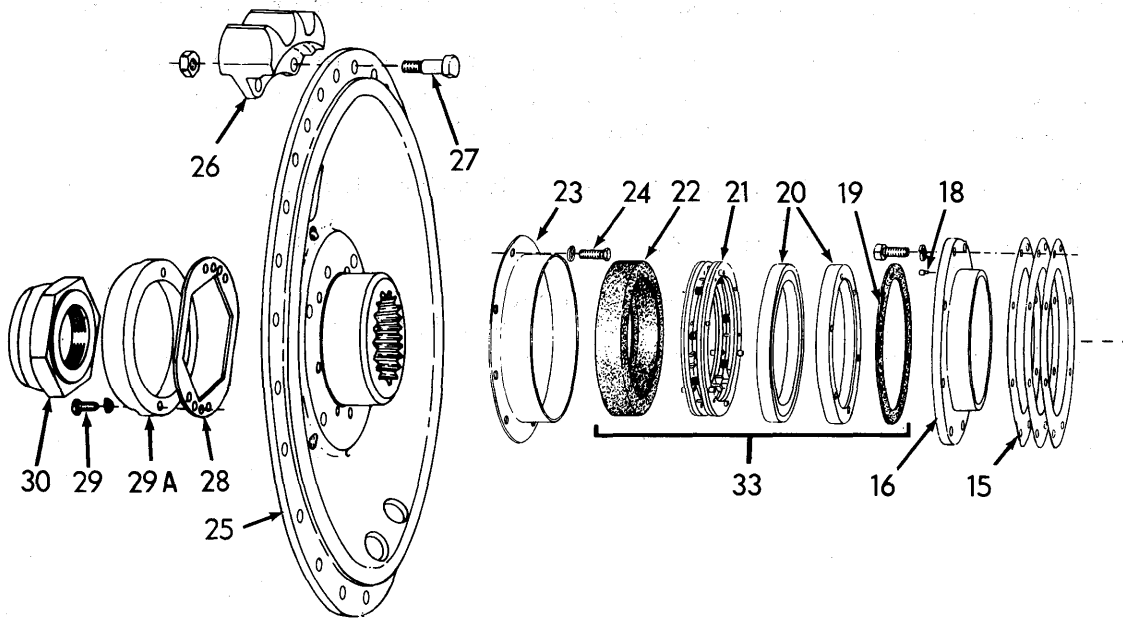
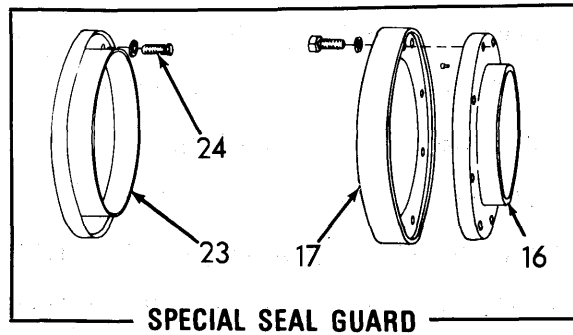
ITEM	PART NO.	QTY.	DESCRIPTION
1	0631316-7	2	DRUM, brake
2	0650835-2	16	BOLT, self-locking, 1/2" NC x 1"
3	0624559-1	2	HUB, brake drum
4	0663117-0	2	CAPSCREW, hub retaining (self-locking)(Tractors prior to unit #17359)
	0684479-9	2	CAPSCREW, hub retaining (Tractors unit #17359 and up)
5	0684480-7	2	LOCK, capscrew (Tractors unit #17359 and up)
6	0666547-5	2	WASHER, hub retaining (Tractors prior to unit #17359)
	0663245-9	2	WASHER ASSY., hub retaining (Includes item 7)(Tractors unit #17359 and up)
7	0035793-9	2	DOWEL (Tractors unit #17359 and up)
8	0056513-5	2	WASHER, sealing, brake drum hub
9	0628320-4	2	SEAL, oil
10	0631577-4	2	CAGE, inner bearing
	0927204-8	12	CAPSCREW, 1/2" NF x 1-1/4"
	0912441-3	12	LOCKWASHER, 1/2"
11	0633904-8	2	GASKET, inner bearing cage
12	0057005-1	2	CUP, inner bearing
13	0057006-9	2	CONE ASSY., inner bearing

(Continued)

FINAL DRIVE PINION SHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	0666499-9	2	PINION (12 teeth)(Tractors prior to unit #17359)
	0685733-8	2	PINION (12 teeth)(Tractors unit #17359 and up)
15	0057004-4	2	CONE ASSY., outer bearing
16	0057003-6	2	CUP, outer bearing
17	0084905-9	4	SHIM, bearing adjustment (.005" thick)
	0084904-2	4	SHIM, bearing adjustment (.007" thick)
	0084903-4	14	SHIM, bearing adjustment (.010" thick)
18	0084319-3	2	CAGE, outer bearing (Tractors prior to unit #16183)
	0678587-7	2	CAGE, outer bearing (Tractors unit #16183 and up)
	0922852-9	8	CAPSCREW, 12 pt., 3/8" NF x 1-1/4"
	0910287-2	8	LOCKWASHER, 3/8"
19	0675543-3	1	TUBE ASSY., vent, right (Includes nut)
	0675544-1	1	TUBE ASSY., vent, left (Includes nut)
20	0640677-1	6	CLIP, tube supporting
	0927400-2	6	CAPSCREW, 3/8" x 5/8"
	0677006-9	6	WASHER, plain

Use as required



FINAL DRIVE SPROCKET, SHAFT AND GEAR

T-16297

(Revised February 1974)

FINAL DRIVE SPROCKET, SHAFT AND GEAR

ITEM	PART NO.	QTY.	DESCRIPTION
1	0655633-6	2	GEAR, driving (37 teeth)
2	0058826-9	4	LOCK, gear retaining
3	0922763-8	8	CAPSCREW, 3/8"NC x 1"
4	0052444-7	8	LOCK, capscrew
5	0084289-8	2	CAGE, inner bearing cup
6	0091571-0	2	COVER, inner bearing
7	0923817-1	2	O-RING, inner bearing cover
8	0049918-6	2	WASHER, bearing cage setscrew (copper)
9	0084278-1	2	SETSCREW, bearing cage (hex-hd., dog-pt., 5/8"NF x 3-3/8")
10	0052070-0	2	CUP, inner bearing
11	0084277-3	2	CONE ASSY., inner bearing
12	0622135-2	2	SHAFT, sprocket
13	0069615-3	2	CONE ASSY., intermediate bearing
14	0069614-6	2	CUP, intermediate bearing
15	0056971-5	8	SHIM, bearing adjustment (.005" thick)
	0056970-7	6	SHIM, bearing adjustment (.007" thick)
	0056969-9	24	SHIM, bearing adjustment (.010" thick)
16	0084349-0	2	CAGE ASSY., intermediate bearing (Includes item 18)
	0922726-5	16	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	16	LOCKWASHER, 1/2"
	0666814-9	2	CAGE ASSY., intermediate bearing (Includes item 18)
	0927233-7	16	CAPSCREW, 1/2"NF x 2-3/4"
	0912441-3	16	LOCKWASHER, 1/2"
17	0671819-1	2	GUARD, seal (Special equipment)
18	0084432-4	6	PIN, locating, seal ring
19	0058807-9	2	□ GASKET, seal ring
20	0651996-1	4	□ RING, inner seal (1/2" thick)
21	0058796-4	2	□ FOLLOWER ASSY., inner seal (Serviced only as a unit)
22	0058806-1	2	□ BOOT, inner seal
23	0651985-4	2	GUARD, seal
	0673015-4	2	GUARD, seal (Special equipment)
24	0920582-4	8	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	8	LOCKWASHER, 1/2"

Use as required

Special equipment

(Continued)

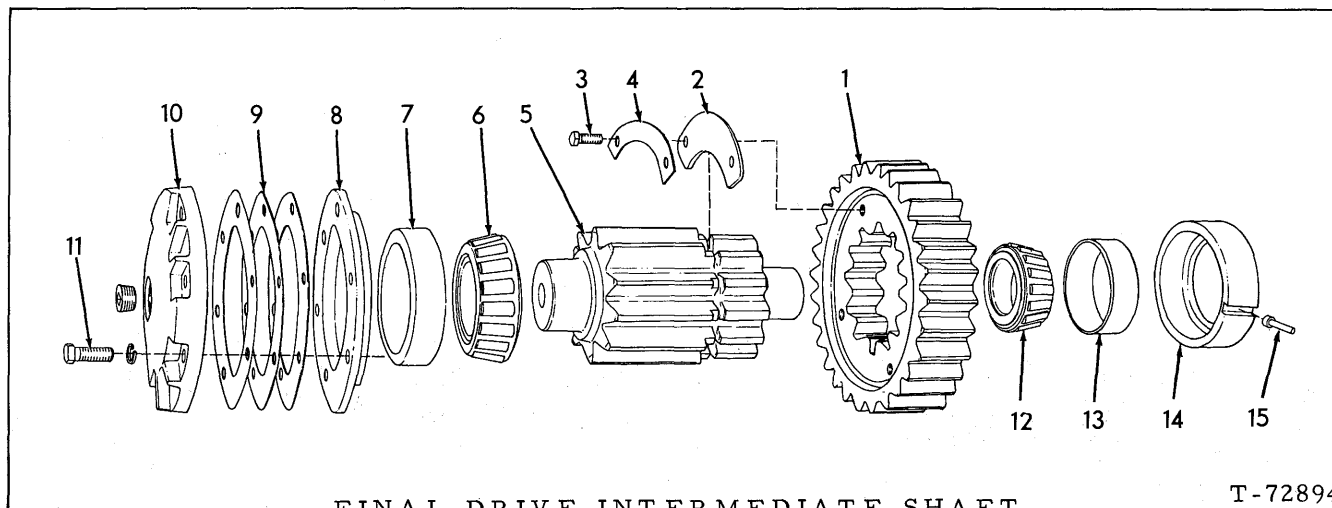
FINAL DRIVE SPROCKET, SHAFT AND GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
25	0679636	2	HUB, sprocket segment
26	0679592	18	SEGMENT, sprocket
27	0679545	54	BOLT, sprocket segment
	0679544	54	NUT, high, 5/8" NF
28	0084299	2	LOCK, sprocket retaining nut
29	0920574	4	CAPSCREW, 1/2" NC x 1-3/8"
	0912441	4	LOCKWASHER, 1/2"
29A	0666820	2	RING, sprocket retaining nut
30	0084236	2	NUT, sprocket retaining
31	0054890	-	SOLVENT, neoprene cement, 1/2 pint can
32	0033288	-	CEMENT, neoprene, 1/2 pint can
33	0656664	2	SEAL KIT (Items 19 thru 22; includes parts for one (1) side only)

} For cementing
boots and gaskets

☐ Components of item 33

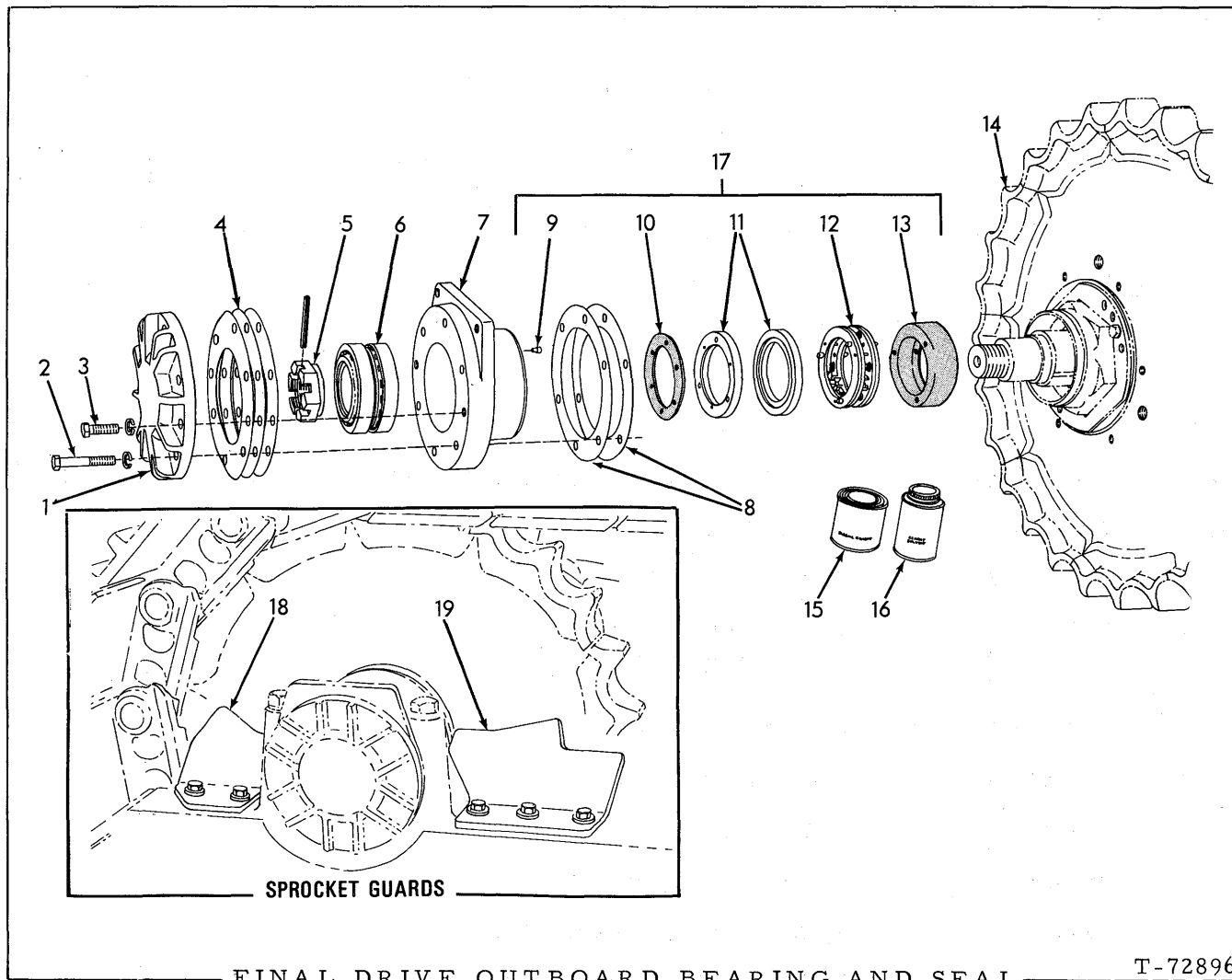
(Revised February 1974)



FINAL DRIVE INTERMEDIATE SHAFT

T-72894

ITEM	PART NO.	QTY.	DESCRIPTION	
1	0671413-3	2	GEAR (30 teeth)	
2	0655631-0	4	LOCK, gear retaining	
3	0922763-8	8	CAPSCREW, 3/8"NC x 1"	
4	0655632-8	4	LOCK, capscrew	
5	0655630-2	2	PINION (12 teeth)	
6	0069441-4	2	CONE ASSY., outer bearing	
7	0069328-3	2	CUP, outer bearing	
8	0658834-7	2	CAGE, outer bearing	
9	0658838-8	4	SHIM, bearing adjustment (.005" thick)	} Use as required
	0658839-6	4	SHIM, bearing adjustment (.007" thick)	
	0658840-4	14	SHIM, bearing adjustment (.010" thick)	
10	0658837-0	2	RETAINER, outer bearing	
11	0901666-8	2	PLUG, pipe, ctsk-hd., 1"NPT	
	0927529-8	12	CAPSCREW, 5/8"NF x 1-3/4"	
	0912942-0	12	LOCKWASHER, 5/8"	
12	0211582-2	2	CONE ASSY., inner bearing	
13	0211581-4	2	CUP, inner bearing	
14	0084297-1	2	CAGE, inner bearing	
15	0089320-6	2	PIN, locking, inner bearing cage	



FINAL DRIVE OUTBOARD BEARING AND SEAL

T-72896

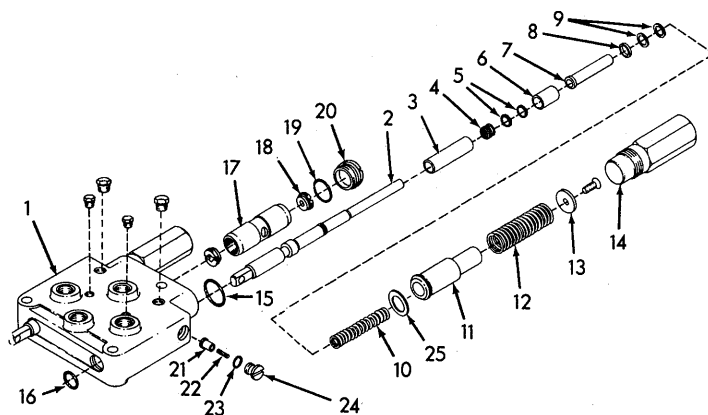
ITEM	PART NO.	QTY.	DESCRIPTION
1	0084303-7	2	COVER, outboard bearing
2	0925135-6	12	CAPSCREW, 1/2"NC x 3-1/4"
	0912441-3	16	LOCKWASHER, 1/2"
3	0922726-5	4	CAPSCREW, 1/2"NF x 1-1/2"
4	0084313-6	4	SHIM, outer bearing cap (.005" thick)
	0084312-8	4	SHIM, outer bearing cap (.007" thick)
	0084311-0	14	SHIM, outer bearing cap (.010" thick)
Use as required			
5	0058925-9	2	NUT, retaining, outer bearing
	0917904-5	2	PIN, spring, 5/16" x 3"
6	0058702-2	2	BEARING, roller, outboard (Each consists of 1 roller assembly and 2 cups. Serviced only as a unit)
7	0084271-6	2	CAGE, outboard bearing
8	0069080-0	12	SHIM, outboard bearing cage (.015" thick. Use as required)
9	0084432-4	6	□PIN, outer seal ring
10	0069106-3	2	□GASKET, seal ring
11	0081787-4	4	□RING, outer seal

(Continued)

FINAL DRIVE OUTBOARD BEARING AND SEAL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	0084337-5	2	☐ FOLLOWER ASSY., outer seal (Serviced only as a unit)
13	0058814-5	2	☐ BOOT, outer seal
14	-----	-	SPROCKET (See page 121)
15	0033288-2	-	CEMENT, neoprene, 1/2 pint can
16	0054890-9	-	SOLVENT, neoprene cement, 1/2 pint can
			} For cementing boots and gaskets
17	0091972-0	2	SEAL KIT (Items 9 thru 13; includes parts for one side only)
18	{ 0670967-9	1	PLATE, rear closure, left side
	{ 0670968-7	1	PLATE, rear closure, right side
	0920583-2	4	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	4	WASHER, plain
19	{ 0670981-0	1	PLATE, front closure, left side
	{ 0670982-8	1	PLATE, front closure, right side
	0920583-2	6	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	6	WASHER, plain

☐ Components of item 17



STEERING CONTROL VALVE

T-72413

USAGE: See page 128, Tractors prior to S/N 16C17263

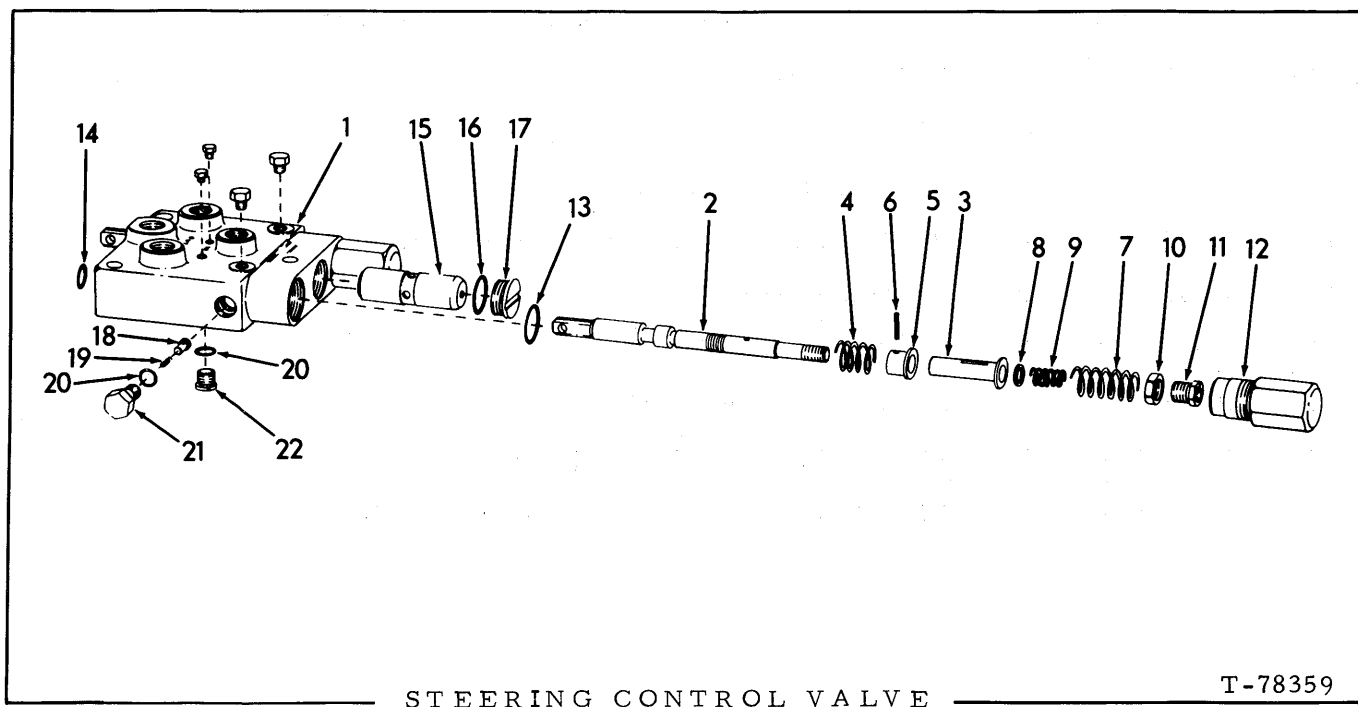
ITEM PART NO. QTY. DESCRIPTION

-	0688101	1	VALVE ASSY., control (Includes item 1 thru 25)
1	-----	1	BODY (Not serviced separately)
	0919134-7	2	PLUG, pipe, hex-hd., 1/8"NPT
	0919840-9	2	PLUG, pipe, hex-hd., 1/4"NPT
2	-----	2	PLUNGER (Not serviced separately)
3	0651564-7	2	PISTON, pressure regulating
4	0671178-2	2	SPRING, pressure regulating (short)
5	{ 0651576-1	-	SHIM, pressure adjustment (.015" thick)
	0651577-9	-	SHIM, pressure adjustment (.005" thick)
			} Use as required
6	0651571-2	2	SLEEVE, valve plunger (outer)
7	0651572-0	2	SLEEVE, valve plunger (inner)
8	0651573-8	2	WASHER, valve plunger
9	{ 0651574-6	-	SHIM, pressure adjustment (.015" thick)
	0651575-3	-	SHIM, pressure adjustment (.005" thick)
			} Use as required
10	0661676-7	2	SPRING, pressure regulating (long)
11	0651565-4	2	SLEEVE, plunger return spring
12	0651570-4	2	SPRING, plunger return
13	0651567-0	2	WASHER, end, valve plunger
	0924989-7	2	SCREW, machine, flat-hd., 1/4"NF x 7/8"
14	0651566-2	2	CAP, valve plunger
15	0924416-1	2	O-RING, valve body (large)
16	0923645-6	2	O-RING, valve body (small)
17	-----	1	PLUNGER, flow divider (Not serviced separately)

(Continued)

STEERING CONTROL VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	0660057-1	2	PLUG, orifice, flow divider plunger
19	0923988-0	1	O-RING, flow divider plug
20	0654523-0	1	PLUG ASSY., flow divider (Includes item 19)
21	0656190-6	2	PLUNGER, relief valve
22	0656192-2	2	SPRING, relief valve
23	0923663-9	2	O-RING, relief valve plug
24	0656191-4	2	PLUG ASSY., relief valve (Includes item 23)
25	0663123-8	-	SHIM, plunger clearance (Use as required)



USAGE: See page 128 Tractor serial No. 16C17263 and up

ITEM	PART NO.	QTY.	DESCRIPTION
-	0688101-5	1	VALVE ASSY., control (Includes items 1 thru 22)
1	-----	1	BODY (Not serviced separately)
	0919134-7	2	PLUG, pipe, hex-hd., 1/8" NPT
	0919840-9	2	PLUG, pipe, hex-hd., 1/4" NPT
2	-----	2	PLUNGER (Not serviced separately)
3	0677636-3	2	SLEEVE, valve plunger
4	0677643-9	2	SPRING
5	0677637-1	2	BUSHING
6	0916168-8	2	PIN, spring, 1/8" x 3/4"
7	0684654-7	2	SPRING
8	0677641-3	2	WASHER, spring retaining
9	0677642-1	2	SPRING
10	0677639-7	2	NUT, adjusting
11	0677638-9	2	RETAINER, spring
12	0677634-8	2	CAP, valve plunger
13	0924416-1	2	O-RING (large)
14	0923645-6	2	O-RING (small)

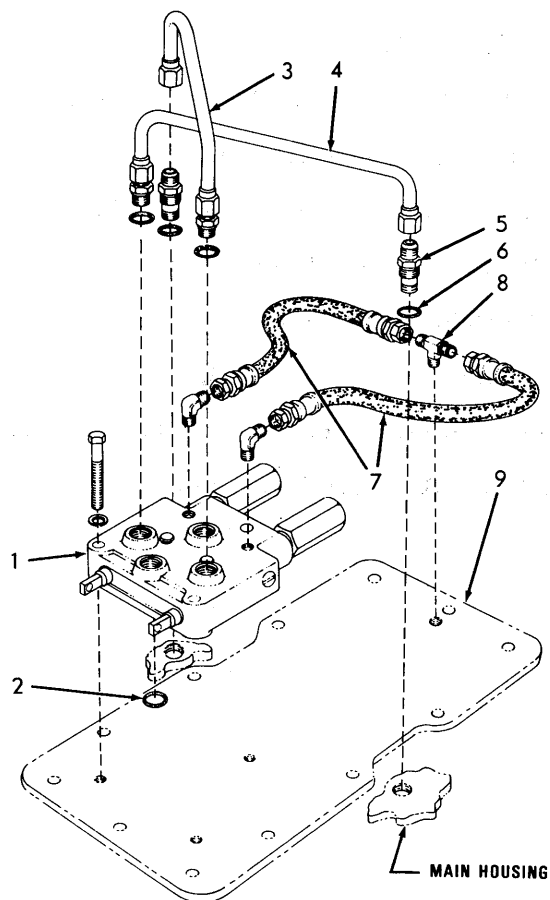
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(Added February 1974)

STEERING CONTROL VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
15	-----	1	PLUNGER, flow divider (Not serviced separately)
16	0923988-0	1	O-RING, flow divider plug
17	0654523-0	1	PLUG ASSY., flow divider (Includes item 16)
18	0656190-6	2	PLUNGER, relief valve
19	0656192-2	2	SPRING, relief valve
20	0923663-9	3	O-RING, relief valve plug
21	0684864-2	2	PLUG ASSY., relief valve (Includes item 20)
22	1002154-1	1	PLUG ASSY. (Includes item 20)

(Added February 1974)

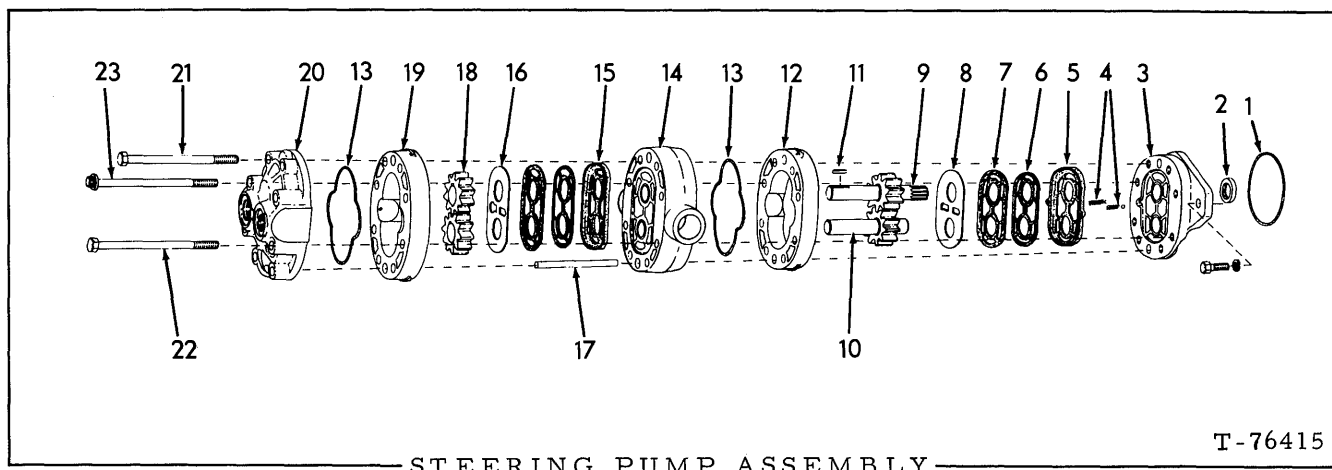


STEERING CONTROL VALVE LINES

T-76476

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY., control (See pages 126 and 127A)
	0923687-8	3	CAPSCREW, 3/8"NF x 2-3/4"
	0910287-2	3	LOCKWASHER, 3/8"
2	0923947-6	1	O-RING, valve to compartment cover
3	0659960-9	1	TUBE ASSY., clutch control (Includes nuts)
	0921409-9	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING)
	0921349-7	1	O-RING, connector
4	0659959-1	1	TUBE ASSY., left clutch control (Includes nuts)
	0921409-9	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING)
	0921349-7	1	O-RING, connector
5	0651893-0	2	UNION, bulkhead
6	0921206-9	2	O-RING, union
7	0646340-0	2	HOSE, oil return (See HOSE PARTS)
	0919546-2	2	ELBOW, flare type, 1/4" tube, 1/4"NPT male
8	0919773-2	1	TEE, oil return hose (flare type, 1/4" tube, 1/8"NPT male side)
9	-----	-	COVER, bevel gear compartment (See MAIN HOUSING)

(Revised February 1974)



USAGE: See page 111 and 130

* Tractors prior to serial No. 16C16205 including Nos. 16C16211 and 16C16216

** Tractors serial No. 16C16205 and up excluding Nos. 16C16211 and 16C16216

ITEM	PART NO.	QTY. * **	DESCRIPTION	
-	{ 0675545-8	1 -	PUMP ASSY. }	Each includes items 2 thru 23
	{ 0681977-5	- 1	PUMP ASSY. }	
	0927173-5	2 2	CAPSCREW, 3/8"NC x 1-1/8"	
	0910287-2	2 2	LOCKWASHER, 3/8"	
1	0923816-4	1 1	O-RING, pump mounting	
2	0650677-8	1 1	SEAL, oil	
3	{ 0677550-6	1 -	PLATE ASSY., front (Includes bushings)	
	{ 0682706-7	- 1	PLATE ASSY., front (Includes bushings)	
4	0650679-4	2 2	SPRING, check valve	
	0915903-9	2 2	BALL, steel, 7/32" diam.	
5	0650673-7	1 1	SEAL, front diaphragm	
6	0650676-0	2 2	GASKET, diaphragm (thin)	
7	0650675-2	2 2	GASKET, diaphragm (thick)	
8	0650674-5	1 2	DIAPHRAGM, sealing, front	
9	{ 0677556-3	1 -	GEAR ASSY., drive (Includes shaft)	
	{ 0682709-1	- 1	GEAR ASSY., drive (Includes shaft)	
10	{ 0669354-3	1 -	GEAR ASSY., idler (Includes shaft)	
	{ 0682710-9	- 1	GEAR ASSY., idler (Includes shaft)	

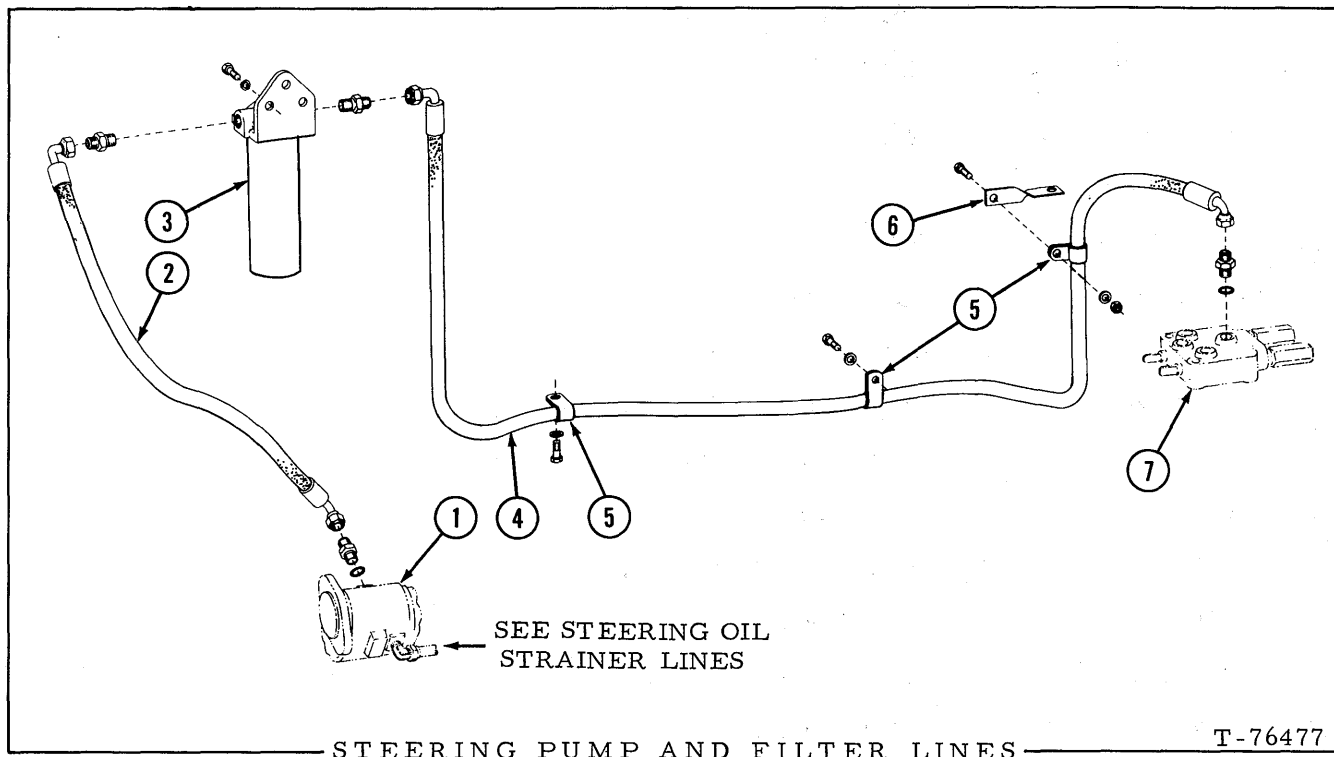
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(Added October 1972)

STEERING PUMP ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
11	0677551-4	1	-	KEY, pump gear
	0673454-5	-	1	KEY, pump gear
12	4905629-4	1	-	BODY, front
	4905524-7	-	1	BODY, front
13	0926216-3	2	2	O-RING, sealing
14	0677554-8	1	-	BODY, center (Includes bushings)
	0682707-5	-	1	BODY, center (Includes bushings)
15	0650678-6	1	1	SEAL, rear diaphragm
16	0827650-3	1	1	DIAPHRAGM, sealing, rear
17	0650197-7	2	-	PIN, dowel
	0681947-8	-	2	PIN, dowel
18	0677555-5	2	2	GEAR, pump
19	4994054-7	1	-	BODY, rear
	0682708-3	-	1	BODY, rear
20	0677553-0	1	1	PLATE, rear
21	0922873-5	4	-	CAPSCREW, 5/16"NC x 4-1/2"
	0928309-4	-	4	CAPSCREW, 5/16"NC x 5"
22	0924226-4	2	-	CAPSCREW, 5/16"NC x 5"
	0928895-2	-	2	CAPSCREW, 5/16"NC x 5-1/4"
23	0924227-2	2	-	CAPSCREW, 12 pt-hd., 5/16"NC x 5"
	0928894-5	-	2	CAPSCREW, 12 pt-hd., 5/16"NC x 5-1/4"

(Revised October 1972)



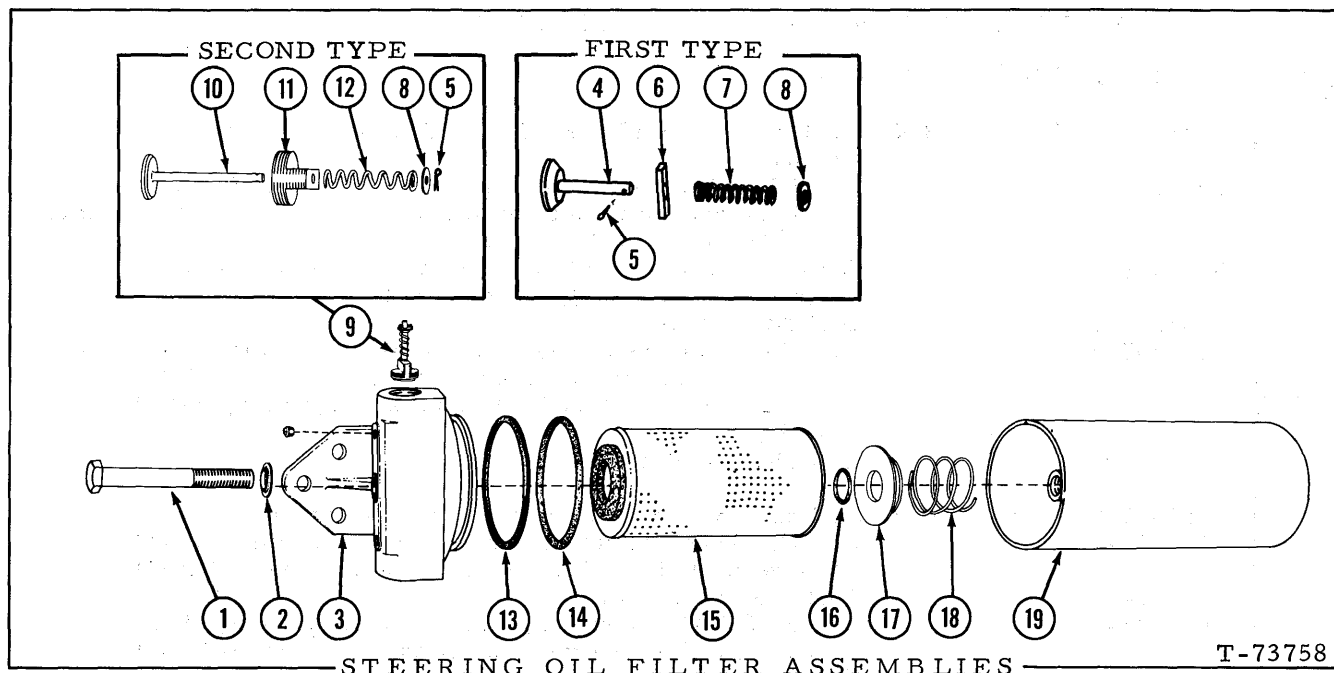
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PUMP ASSY., oil (See page 129)
2	0646151-1	1	HOSE, pump to filter (See HOSE PARTS)(Tractors prior to unit #17243)
	0921466-9	1	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male (filter connection)(Tractors prior to unit #16205 including #16211 and #16216)
	0923717-3	1	CONNECTOR, flare type, 1/2" tube, 7/8"NF male end (pump connection)(Includes O-RING)
	0921205-1	1	O-RING, connector
	0924297-5	1	CONNECTOR, reducing, flare type, 1/2" tube, 1-5/16" straight thd. (filter connection)(Includes O-RING) (Tractors unit #16205 thru #17243 excluding #16211 and #16216)
	0921214-3	1	O-RING, connector
	0683662-1	1	HOSE, pump to filter (Tractors unit #17243 and up)
	0922997-2	1	CONNECTOR, reducing, flare type, 3/4" tube, 1-5/16" straight thd. (filter connection)(Includes O-RING)
	0921349-7	1	O-RING, connector
	0922981-6	1	CONNECTOR, reducing, flare type, 3/4" tube, 7/8" straight thd. (pump connection)(Includes O-RING)
	0921214-3	1	O-RING, connector
3	-----	1	FILTER ASSY., oil (See page 132)
	0920583-2	3	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	3	LOCKWASHER, 1/2"

(Continued)

STEERING PUMP AND FILTER LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	0673791-0	1	HOSE, filter to valve (See HOSE PARTS)(Tractors prior to unit #17243)
	0921466-9	1	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male (filter connection)(Tractors prior to unit #16205 including #16211 and #16216)
	0921409-9	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (valve connection)(Includes O-RING)
	0921349-7	1	O-RING, connector
	0924297-5	1	CONNECTOR, reducing, flare type, 1/2" tube, 1-5/16" straight thd. (filter connection)(Includes O-RING) (Tractors unit #16205 thru #17243 excluding #16211 and #16216)
	0921214-3	1	O-RING, connector
	0683663-9	1	HOSE, filter to valve (Tractors unit #17243 and up)
	0922997-2	1	CONNECTOR, reducing, flare type, 3/4" tube, 1-5/16" straight thd. (filter connection)(Includes O-RING)
	0921214-3	1	O-RING, connector
	0922935-2	1	CONNECTOR, reducing, flare type, 3/4" tube, 3/4" straight thd. (valve connection)(Includes O-RING)
5	0921205-1	1	O-RING, connector
	0927387-1	3	CLIP, hose supporting (Tractors prior to unit #17243)
	0929129-5	3	CLIP, hose supporting (Tractors unit #17243 and up)
	0921175-6	3	CAPSCREW, 1/2"NC x 1"
	0677008-5	3	WASHER, plain
6	0911028-9	1	NUT, 1/2"NC
	0634051-7	1	STRAP, clip attaching
7	-----	1	VALVE ASSY. (See CONTROL VALVE LINES)

(Revised February 1974)



USAGE: See page 130

* Tractors prior Serial No. 16C16205 including Nos. 16C16211 and 16C16216

** Tractors serial No. 16C16205 and up excluding Nos. 16C16211 and 16C16216

ITEM	PART NO.	QTY. * **	DESCRIPTION	
-	{ 0631542-8	1 -	FILTER ASSY.	Each consists of items 1 thru 19 as indicated
	{ 0659519-3	- 1	FILTER ASSY.	
1	{ 0070299-3	1 -	CAPSCREW, tank retaining (5/8"NF x 4")	
	{ 0923438-6	- 1	CAPSCREW, tank retaining (3/4"NF x 5-1/2")	
2	{ 0631869-5	1 -	WASHER, tank retaining capscrew	
	{ 0641029-4	- 1	WASHER, tank retaining capscrew	
3	{ 0631846-3	1 -	HEAD	
	{ 0659514-4	- 1	HEAD	
	{ 0901652-8	- 2	PLUG, pipe, 1/4"NPT	
4	0646302-0	1 -	VALVE, by-pass	
5	0900970-5	1 1	PIN, cotter, 1/16" x 1/2"	
6	0631868-7	1 -	SPANNER, by-pass valve	
7	0631870-3	1 -	SPRING, by-pass valve	
8	0632060-0	1 1	WASHER, by-pass valve spring	
9	0661534-8	- 1	VALVE ASSY., by-pass (Consists of items 5, 8, 10 thru 12)	

(Continued)

(Revised October 1972)

STEERING OIL FILTER ASSEMBLIES (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
10	-----	- 1	VALVE, by-pass (Not serviced separately)
11	-----	- 1	HOUSING, by-pass valve (Not serviced separately)
12	0661268-3	- 1	SPRING, by-pass valve
13	{ 0632062-6	1 -	RING, back-up
	{ 0646532-2	- 1	RING, back-up
14	{ 0632063-4	1 -	O-RING, filter head
	{ 0923836-1	- 1	O-RING, filter head
15	{ 0631828-1	1 -	ELEMENT KIT (Includes items 2, 13 and 14)
	{ 0640780-3	- 1	ELEMENT KIT (Includes items 2, 13 and 14)
16	0923649-8	- 1	O-RING, element seating plate
17	0641031-0	- 1	PLATE, element seating
18	0641027-8	- 1	SPRING, element seating plate
19	{ 0631872-9	1 -	TANK (9-7/16" long)
	{ 0650428-6	- 1	TANK (12-1/4" long)

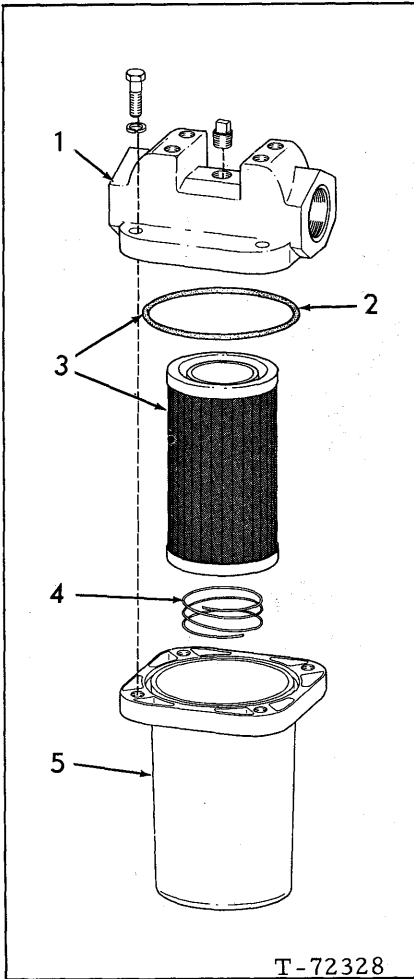
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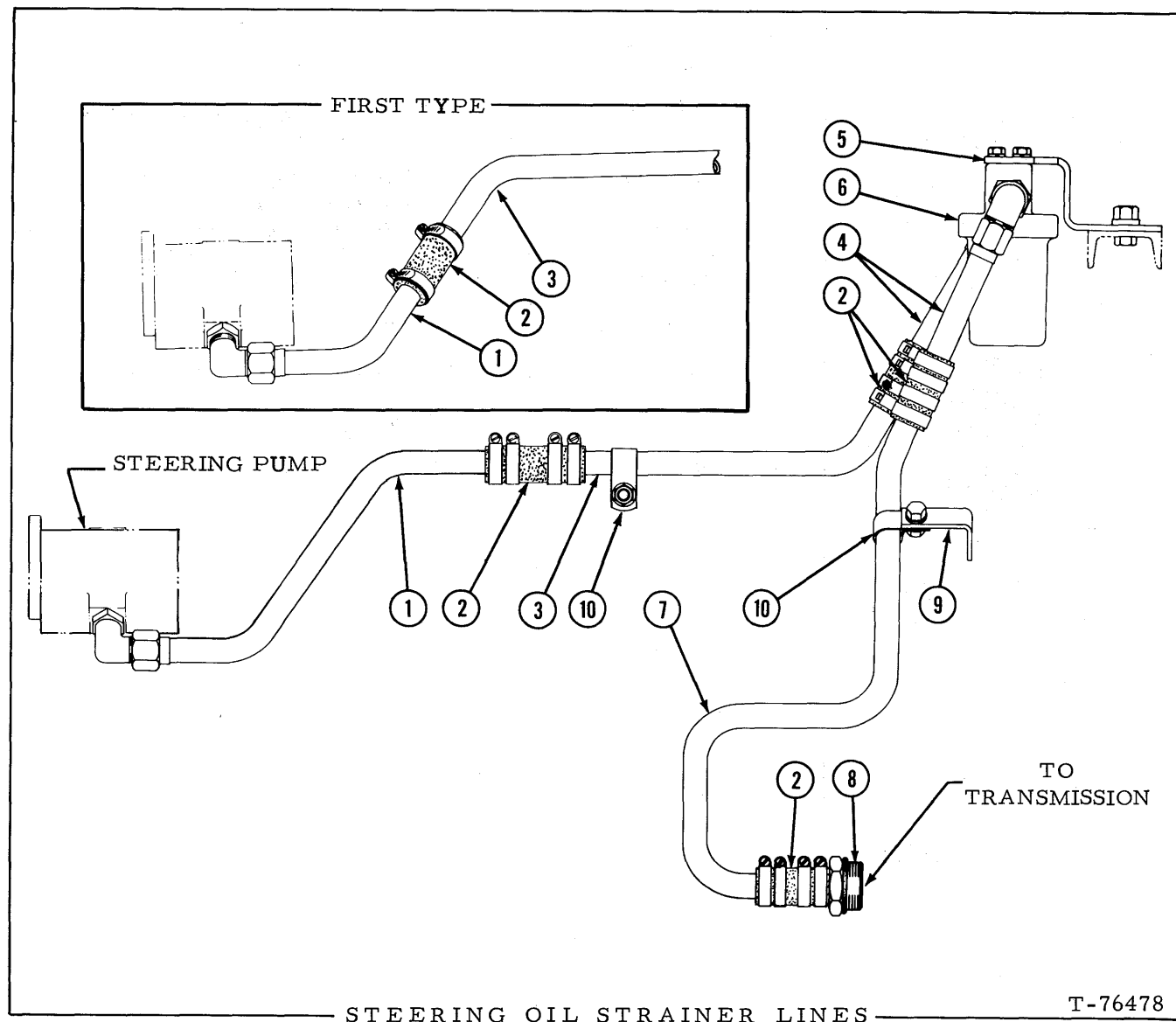
OIL STRAINER ASSEMBLY

USAGE: See page 134

ITEM PART NO. QTY. DESCRIPTION

-	0651388-1	-	STRAINER ASSY., oil (Includes items 1 thru 5)
1	0651387-3	1	HEAD ASSY. (Includes PLUG indented below)
	0901651-0	1	PLUG, pipe, 1/8"NPT
	0905657-3	4	CAPSCREW, 1/4"NC x 1"
	0906958-4	4	LOCKWASHER, 1/4"
2	0651385-7	1	O-RING, body
3	0651506-8	1	ELEMENT KIT (Includes item 2)
4	0651384-0	1	SPRING, element
5	0651373-3	1	BODY, oil strainer





* Tractors prior to serial No. 16C16205 including Nos. 16C16211, 16C16216

** Tractors serial No. 16C16205 and up excluding Nos. 16C16211 and 16C16216

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	0673338-0	1 -	TUBE ASSY., pump to strainer (Includes nut)
	0681978-3	- 1	TUBE ASSY., pump to strainer (Includes nut)
	0924026-8	1 -	ELBOW, adjustable, 90°, flare type, 1" tube, 1-1/16" straight thd. (Includes O-RING)
	0928632-9	- 1	ELBOW, adjustable, 90°, flare type, 1-1/4" tube, 1-1/16" straight thd. (Includes O-RING)
	0921206-9	1 1	O-RING, elbow

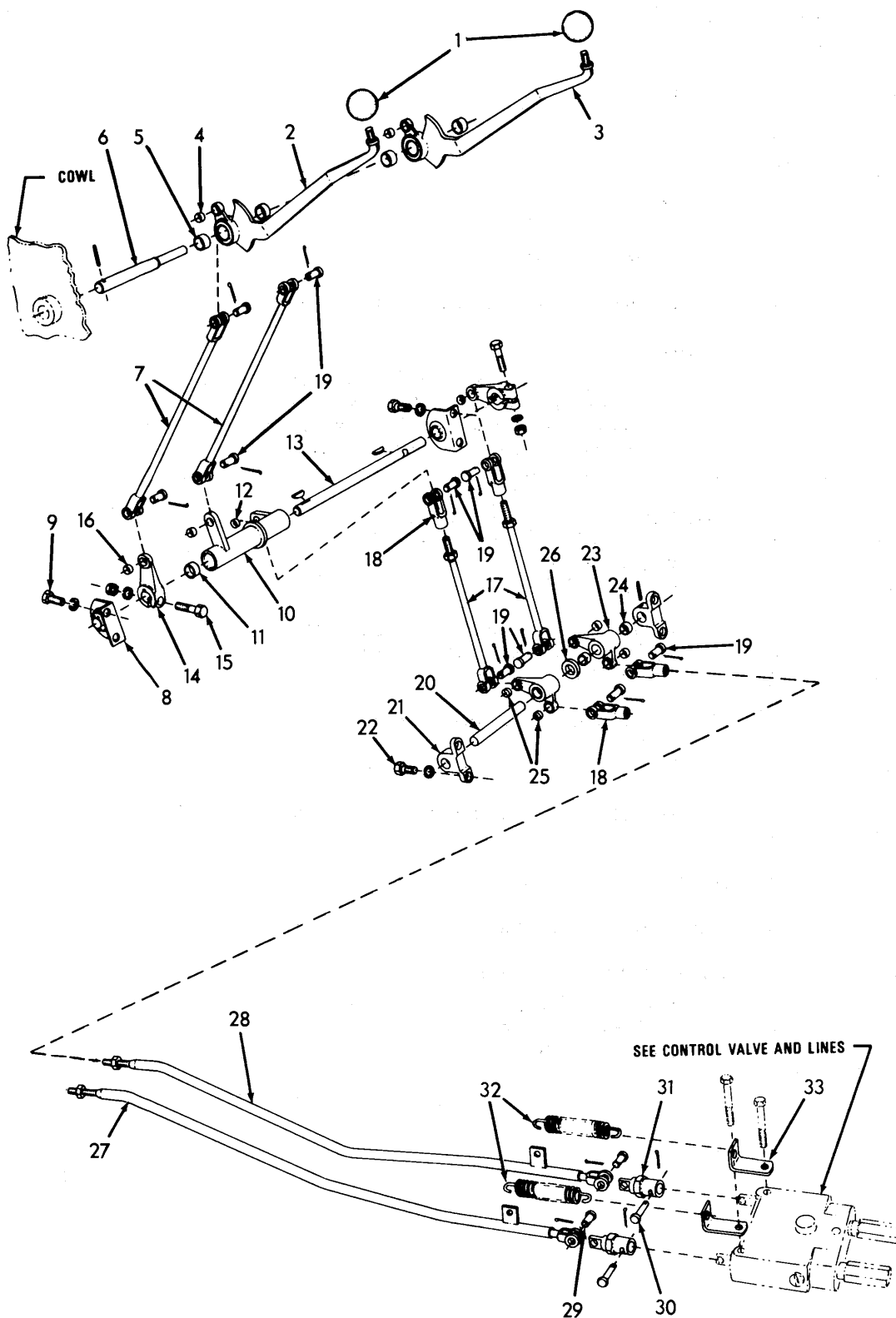
(Continued)

(Revised October 1972)

STEERING OIL STRAINER LINES (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	0647784-8	4	-	HOSE
	0630636-9	-	4	HOSE
	0921912-2	9	16	CLAMP, hose
3	0673339-8	1	-	TUBE, pump to strainer
	0681976-7	-	1	TUBE, pump to strainer
4	0673340-6	2	-	TUBE ASSY., pump to strainer (Includes nut)
	0681975-9	-	2	TUBE ASSY.
	0921227-5	2	-	ELBOW, adjustable, 90°, flare type, 1" tube, 1-5/16" straight thd. (Includes O-RING)
	0922975-8	-	2	ELBOW, adjustable, 90°, flare type, 1-1/4" tube, 1-5/16" straight thd. (Includes O-RING)
	0921214-3	2	2	O-RING, elbow
5	0673848-8	1	1	ANGLE, strainer supporting
	0920582-4	2	2	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	2	2	WASHER, plain
	0911028-9	2	2	NUT, 1/2"NC
6	-----	1	1	STRAINER ASSY., oil (See page 133)
	0922300-9	4	4	CAPSCREW, 3/8"NC x 3/4"
	0910287-2	4	4	LOCKWASHER, 3/8"
7	0673342-2	1	-	TUBE, strainer to transmission
	0681970-0	-	1	TUBE, strainer to transmission
8	0656284-7	1	1	ADAPTER ASSY., suction line (Includes O-RING)
	0921887-6	1	1	O-RING, adapter
9	0674056-7	1	1	ANGLE, clip attaching
10	0927264-2	2	-	CLIP, tube supporting
	0928010-8	-	2	CLIP, tube supporting
	0921076-6	2	2	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	4	4	WASHER, plain
	0911026-3	2	2	NUT, 3/8"NC

(Revised October 1972)



STEERING LEVERS AND LINKAGE

T-74935

STEERING LEVERS AND LINKAGE

ITEM	PART NO.	QTY.	DESCRIPTION
1	0090020	2	KNOB, steering lever
2	0657847	1	LEVER ASSY., steering, left (Includes items 4 and 5)
3	0657848	1	LEVER ASSY., steering, right (Includes items 4 and 5)
4	0624584	2	BUSHING, steering lever (small)
5	0630795	4	BUSHING, steering lever (large)
6	0629716	1	SHAFT, steering levers
	0915989	1	PIN, spring, 3/16" x 1-3/8"
7	0657853	2	ROD, upper
8	0654656	2	BEARING ASSY., upper cross shaft (Serviced only as a unit)
9	0927211	4	CAPSCREW, 3/8" NF x 3/4"
	0910287	4	LOCKWASHER, 3/8"
10	0660050	1	LEVER ASSY., upper cross shaft, inner (Includes items 11 and 12)(Tractors prior to unit #16665)
	0682290	1	LEVER ASSY., upper cross shaft, inner (Includes items 11 and 12)(Tractors unit #16665 and up)
11	0630795	2	BUSHING, inner lever (large)
12	0624584	2	BUSHING, inner lever (small)
13	0657852	1	SHAFT, cross, upper
	0905123	2	KEY, #9 woodruff, 3/16" x 3/4"
14	0630836	2	LEVER ASSY., upper cross shaft, outer (Includes item 16)
15	0920995	2	CAPSCREW, 3/8" NC x 2"
	0910287	2	LOCKWASHER, 3/8"
	0911026	2	NUT, 3/8" NC
16	0624584	2	BUSHING, outer lever
17	0657855	2	ROD, vertical
	0911041	2	NUT, 3/8" NF
18	0628736	4	YOKE, control rod
19	0078810	10	PIN, control linkage yokes
	0900801	10	PIN, cotter, 3/32" x 3/4"
20	0633628	1	SHAFT, cross, lower
	0915751	1	PIN, spring, 3/16" x 1-1/2"
21	0633607	2	BLOCK, pillow, lower cross shaft
22	0923276	4	CAPSCREW, 3/8" NF x 1"
	0910287	4	LOCKWASHER, 3/8"
23	0633648	2	BELLCRANK ASSY., lower (Includes items 24 and 25)
24	0630795	4	BUSHING, lower bellcrank (large)
25	0624584	4	BUSHING, lower bellcrank (small)
26	0062334	1	SPACER, lower shaft

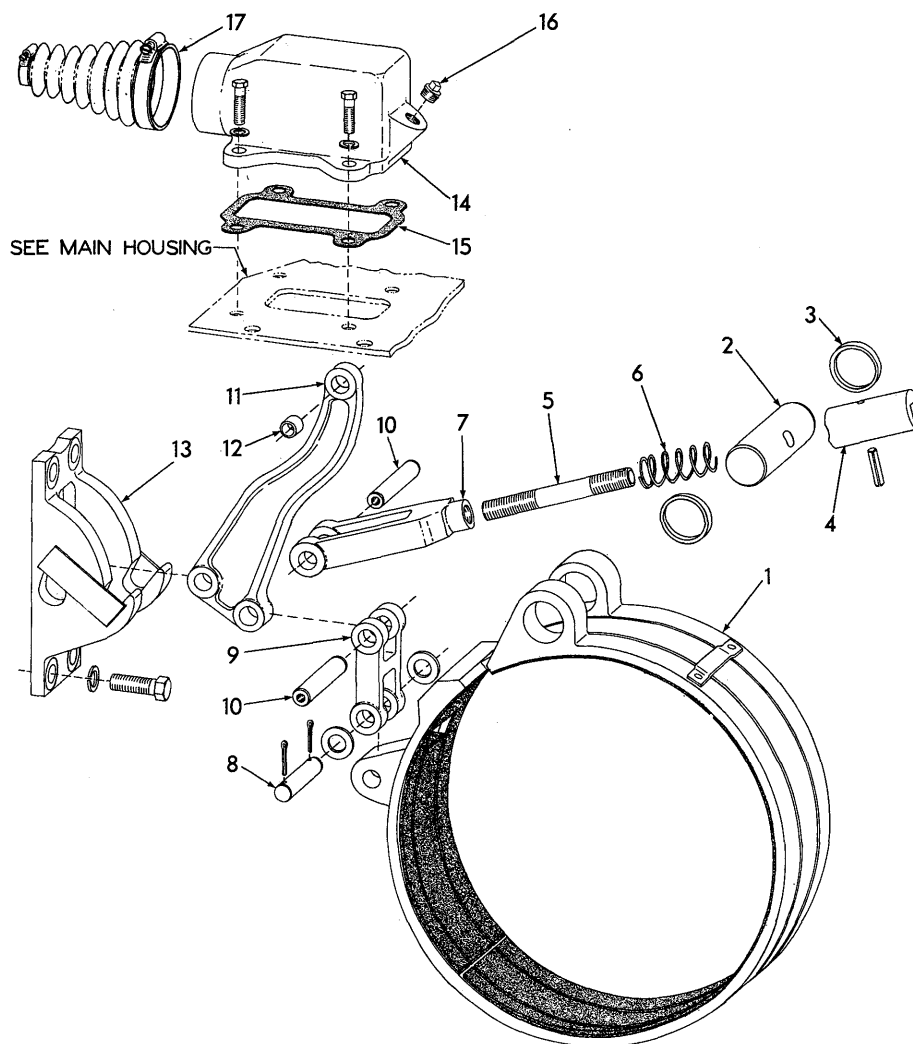
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(Revised February 1974)

STEERING LEVERS AND LINKAGE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	0651921-9	1	ROD, horizontal, left
	0911041-2	1	NUT, 3/8"NF
28	0651922-7	1	ROD, horizontal, right
	0911041-2	1	NUT, 3/8"NF
29	0627451-8	2	PIN, control rod, rear
	0900801-2	2	PIN, cotter, 3/32" x 3/4"
30	0630833-2	2	PIN, retaining, over-travel
	0900801-2	2	PIN, cotter, 3/32" x 3/4"
31	0656151-8	2	OVER-TRAVEL ASSY. (Serviced only as a unit)
32	0072438-5	2	SPRING, rod retracting
33	0628821-1	2	CLIP, retracting spring

MEMO



BRAKES

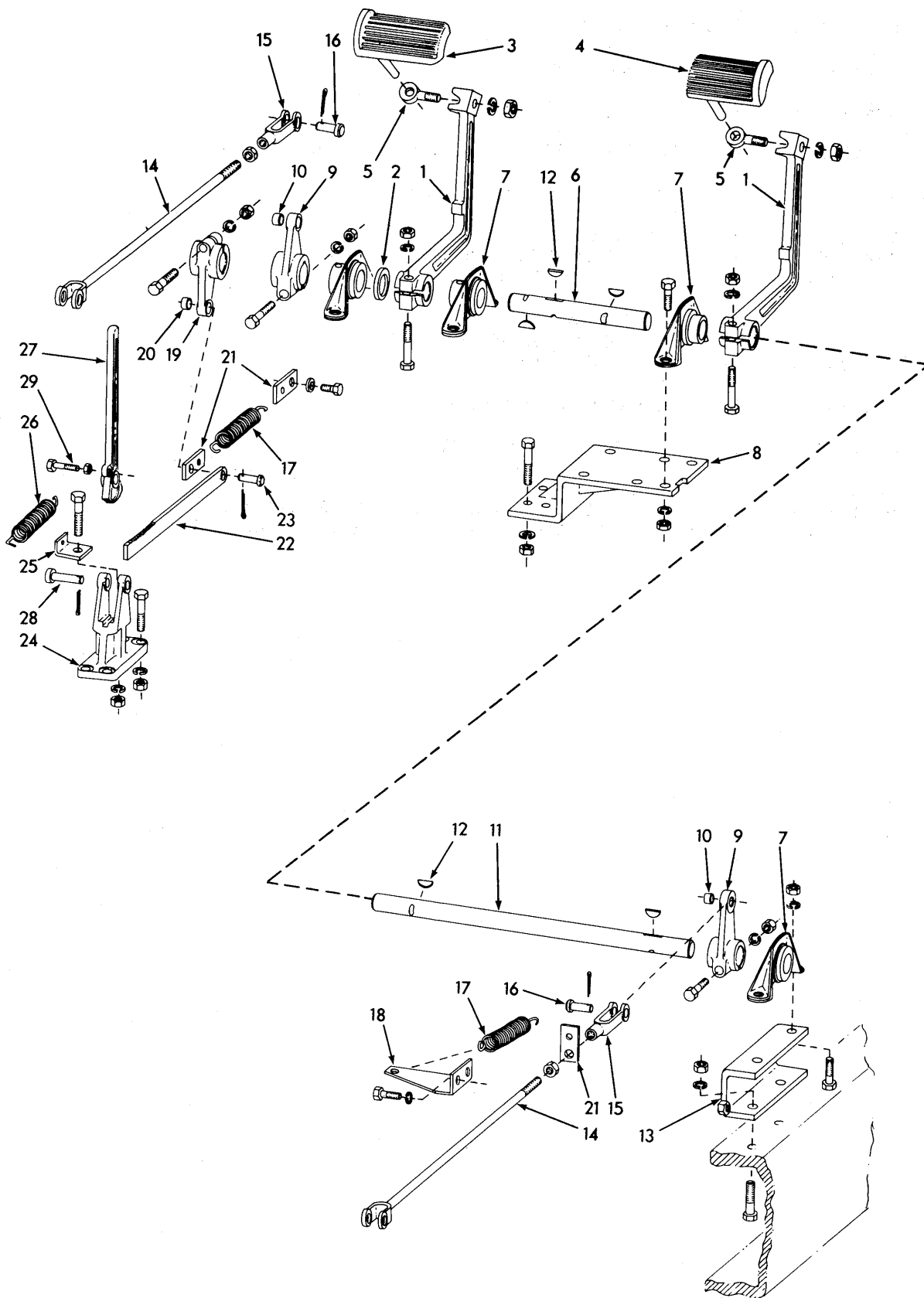
T-74886

ITEM	PART NO.	QTY.	DESCRIPTION
1	0650328-8	2	BAND, brake
2	0668292-6	2	PIN, brake band
3	0668291-8	4	SPACER, brake band pin
4	0668293-4	2	BLOCK, band adjusting
	0915751-2	2	PIN, spring, 3/16" x 1-1/2"
5	0668290-0	2	ROD, band adjusting
6	0651245-3	2	SPRING, band adjusting
7	0668295-9	2	FORK, brake band
8	0650254-6	2	PIN, brake band yoke
	0900806-1	4	PIN, cotter, 1/8" x 1"
	0911100-8	4	WASHER, plain, SAE std., 5/8"

(Continued)

BRAKES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	0650269-4	2	YOKE, brake band
10	0668329-6	4	PIN, brake lever
11	0650282-7	2	LEVER ASSY., brake band (Includes item 12)
12	0049988-9	2	BUSHING, brake band lever
13	0650280-1	2	BRACKET, brake band lever
	0927190-9	8	CAPSCREW, Nylok, 5/8"NF x 1-3/4"
	0912942-0	8	LOCKWASHER, 5/8"
14	0648795-3	2	COVER, band linkage
	0927157-8	7	CAPSCREW, 3/8"NC x 1-3/8"
	0910287-2	7	LOCKWASHER, 3/8"
15	0649205-2	2	GASKET, band linkage cover
16	0901653-6	2	PLUG, pipe, 3/8"NPT
17	0648167-5	2	BOOT, brake rod
	0921914-8	2	CLAMP, hose, 2-5/16" to 3-1/4" diam.
	0921911-4	2	CLAMP, hose, 11/16" to 1-1/4" diam.



— BRAKE CONTROL —

T-76269

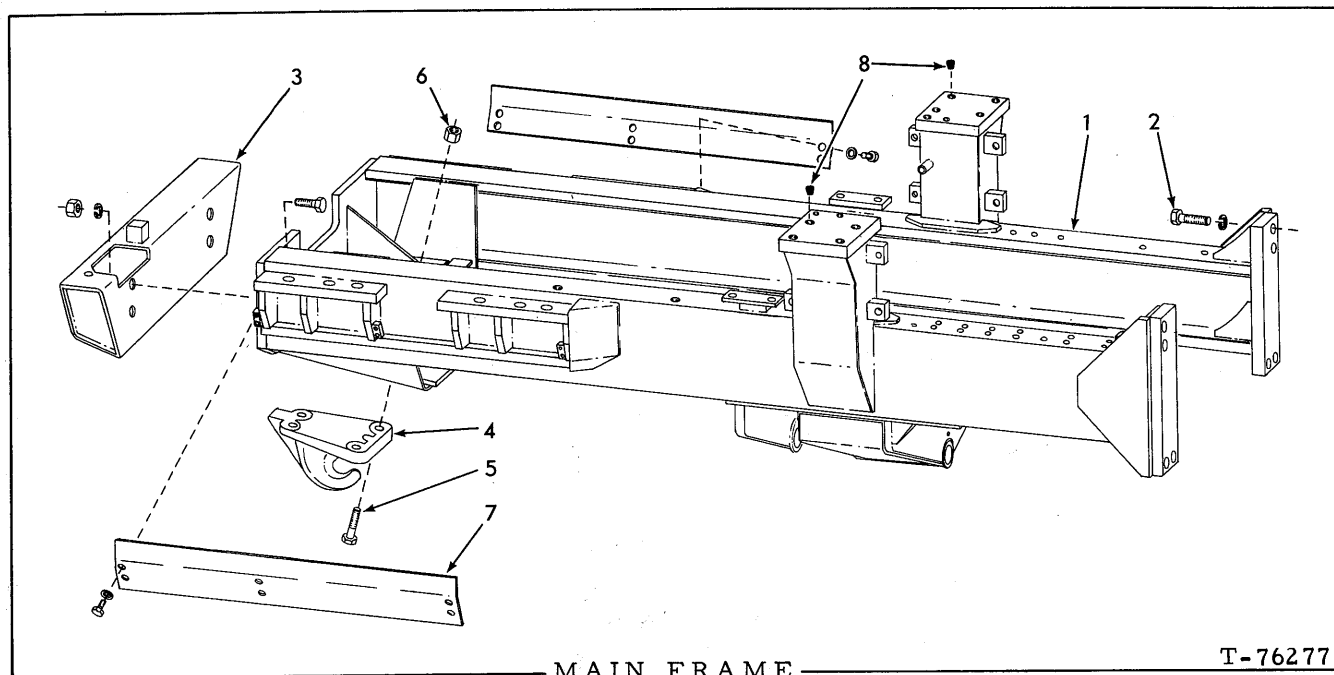
BRAKE CONTROL

ITEM	PART NO.	QTY.	DESCRIPTION
1	0650044-1	2	LEVER, pedal
	0922510-3	2	CAPSCREW, 1/2"NC x 2-3/4"
	0912441-2	2	LOCKWASHER, 1/2"
	0911028-9	2	NUT, 1/2"NC
2	0912832-3	1	WASHER, spacing, left pedal
3	0623151-8	1	PAD, left pedal
4	0641820-6	1	PAD, right pedal
5	0050433-2	2	EYE-BOLT, pedal pad
	0912942-0	2	LOCKWASHER, 5/8"
	0911044-6	2	NUT, 5/8"NF
6	0650016-9	1	SHAFT, left pedal
7	0650026-8	4	BEARING, pedal shaft
	0920583-2	8	CAPSCREW, 1/2"NC x 1-1/2"
	0911028-9	8	NUT, 1/2"NC
	0677008-5	8	WASHER, plain
8	0650010-2	1	BRACKET, pedal shaft, left
	0924864-2	4	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-2	4	LOCKWASHER, 1/2"
	0911028-9	4	NUT, 1/2"NC
9	0650057-3	2	LEVER ASSY., pedal shaft (Includes item 10)
	0922510-3	2	CAPSCREW, 1/2"NC x 2-3/4"
	0912441-2	2	LOCKWASHER, 1/2"
	0911028-9	2	NUT, 1/2"NC
10	0049988-9	2	BUSHING, shaft lever
11	0650022-7	1	SHAFT, right pedal
12	0631883-6	5	KEY, pedal shafts
13	0672365-4	1	CHANNEL, pedal shaft, right
	0924864-2	2	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-2	2	LOCKWASHER, 1/2"
	0911028-9	2	NUT, 1/2"NC
14	0650045-8	2	ROD, brake
	0913830-6	2	NUT, jam, 1/2"NF
15	0918003-5	2	YOKE, brake rod
16	0049993-9	4	PIN, brake rod
	0900806-1	4	PIN, cotter, 1/8" x 1"
17	0624766-2	2	SPRING, pedal retracting
18	0678935-8	1	ANGLE, right pedal retracting spring
	0921076-2	2	CAPSCREW, 3/8"NC x 1-1/4"
	0910287-2	2	LOCKWASHER, 3/8"

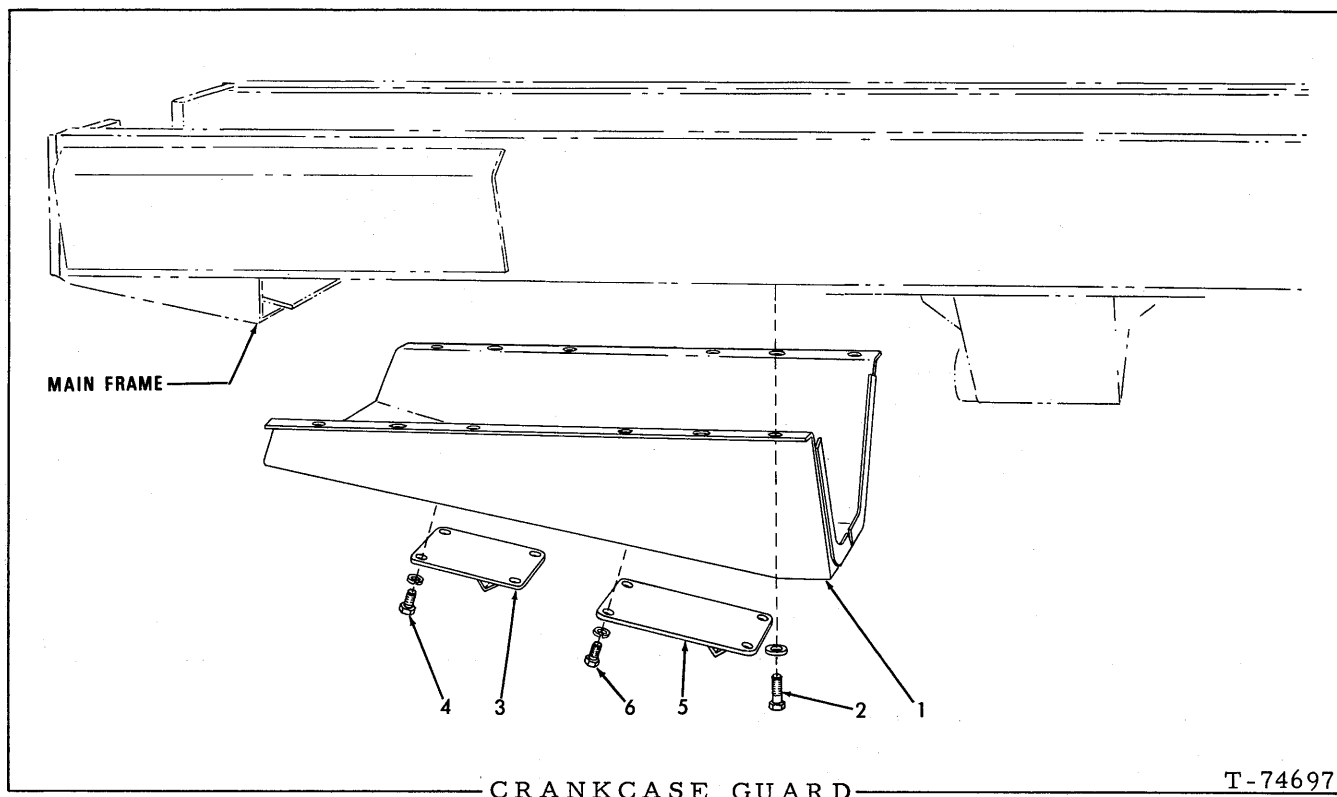
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BRAKE CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
19	0650059	1	LEVER ASSY., parking brake (Includes item 20)
	0922510	1	CAPSCREW, 1/2"NC x 2-3/4"
	0912441	1	LOCKWASHER, 1/2"
	0911028	1	NUT, 1/2"NC
20	0049988	1	BUSHING, parking brake lever
21	0650039	3	PLATE, left pedal retracting spring
	0922763	1	CAPSCREW, 3/8"NC x 1"
	0677006	1	WASHER, plain
22	0650046	1	BAR, parking brake (Tractors prior to unit #17033)
	0666533	1	BAR, parking brake (Tractors unit #17033 and up)
23	0049993	1	PIN, parking brake bar (Tractors prior to unit #17033)
	0094317	1	PIN, parking brake bar (Tractors unit #17033 and up)
	0900806	1	PIN, cotter, 1/8" x 1"
	0910244	1	WASHER, plain (Tractor unit #17033 and up)
24	0650053	1	BRACKET, parking brake
	0924864	3	CAPSCREW, 1/2"NC x 2-1/4"
	0922526	1	CAPSCREW, 1/2"NC x 2-1/2"
	0912441	4	LOCKWASHER, 1/2"NC
	0911028	4	NUT, 1/2"NC
25	0650037	1	ANGLE, parking brake spring
26	0043881	1	SPRING, parking brake
27	0650038	1	LOCK, parking brake
28	0033074	1	PIN, parking brake lock
	0900806	1	PIN, cotter, 1/8" x 1"
29	0923124	1	CAPSCREW, parking brake lock
	0911025	1	NUT, 5/16"NC



ITEM	PART NO.	QTY.	DESCRIPTION
1	0675291-9	1	FRAME
2	0926260-1	8	CAPSCREW, 7/8"NF x 3-1/4"
	0914727-3	8	LOCKWASHER, 7/8"
3	0671857-1	1	BUMPER, front
	0922744-8	4	CAPSCREW, 3/4"NC x 2-1/2"
	0914726-5	4	LOCKWASHER, 3/4"
	0911030-5	4	NUT, 3/4"NC
4	0050543-8	1	HOOK, front pull (Special equipment)
5	0012984-1	4	CAPSCREW, 3/4"NF x 2-3/4"
6	0012767-0	4	NUT, high, 3/4"NF
7	0671871-2	1	PLATE, closure, left
	0671872-0	1	PLATE, closure, right
	0921076-6	12	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	12	WASHER, plain
8	0630097-4	8	CORK, thread protecting

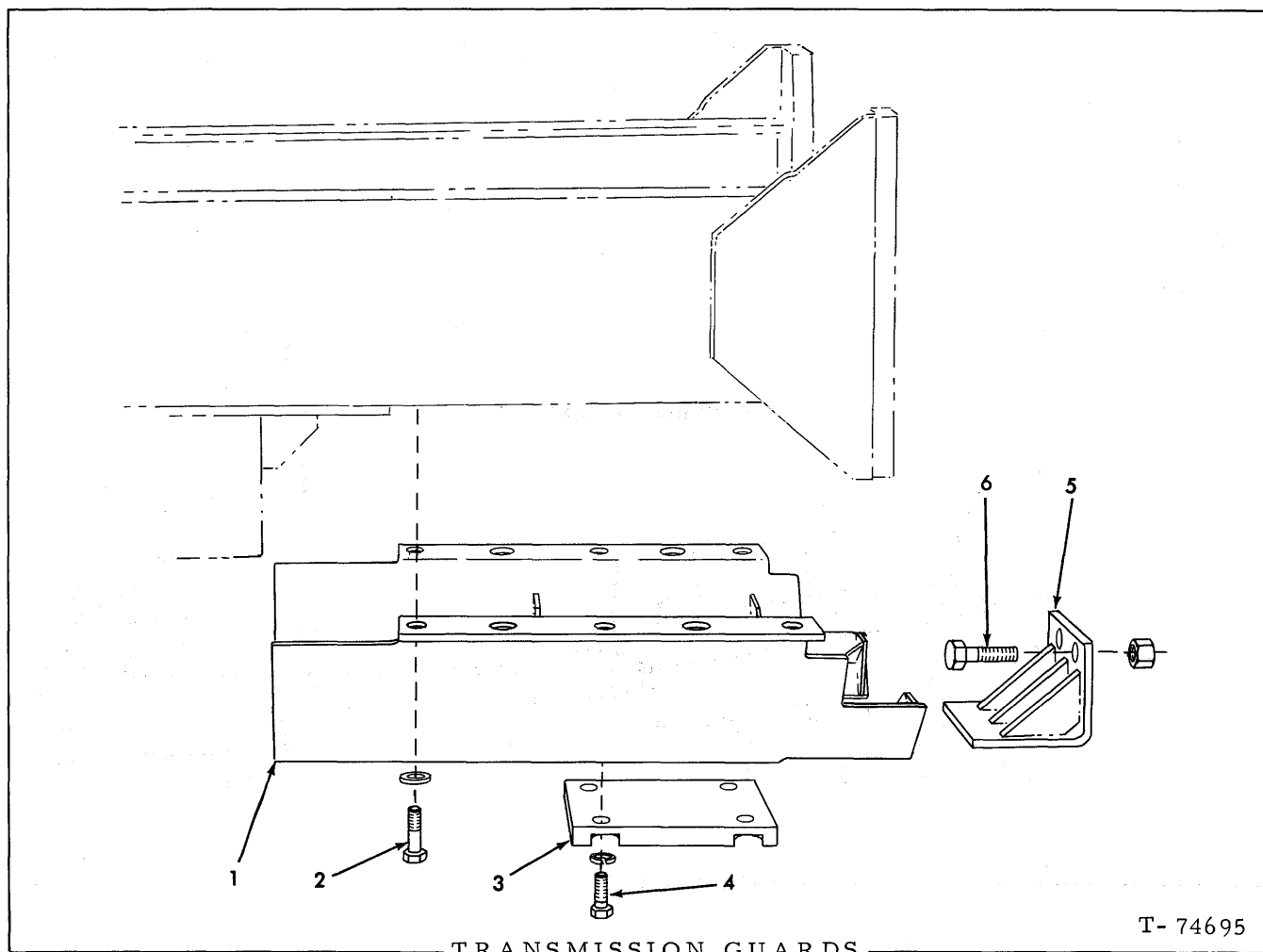


CRANKCASE GUARD

T-74697

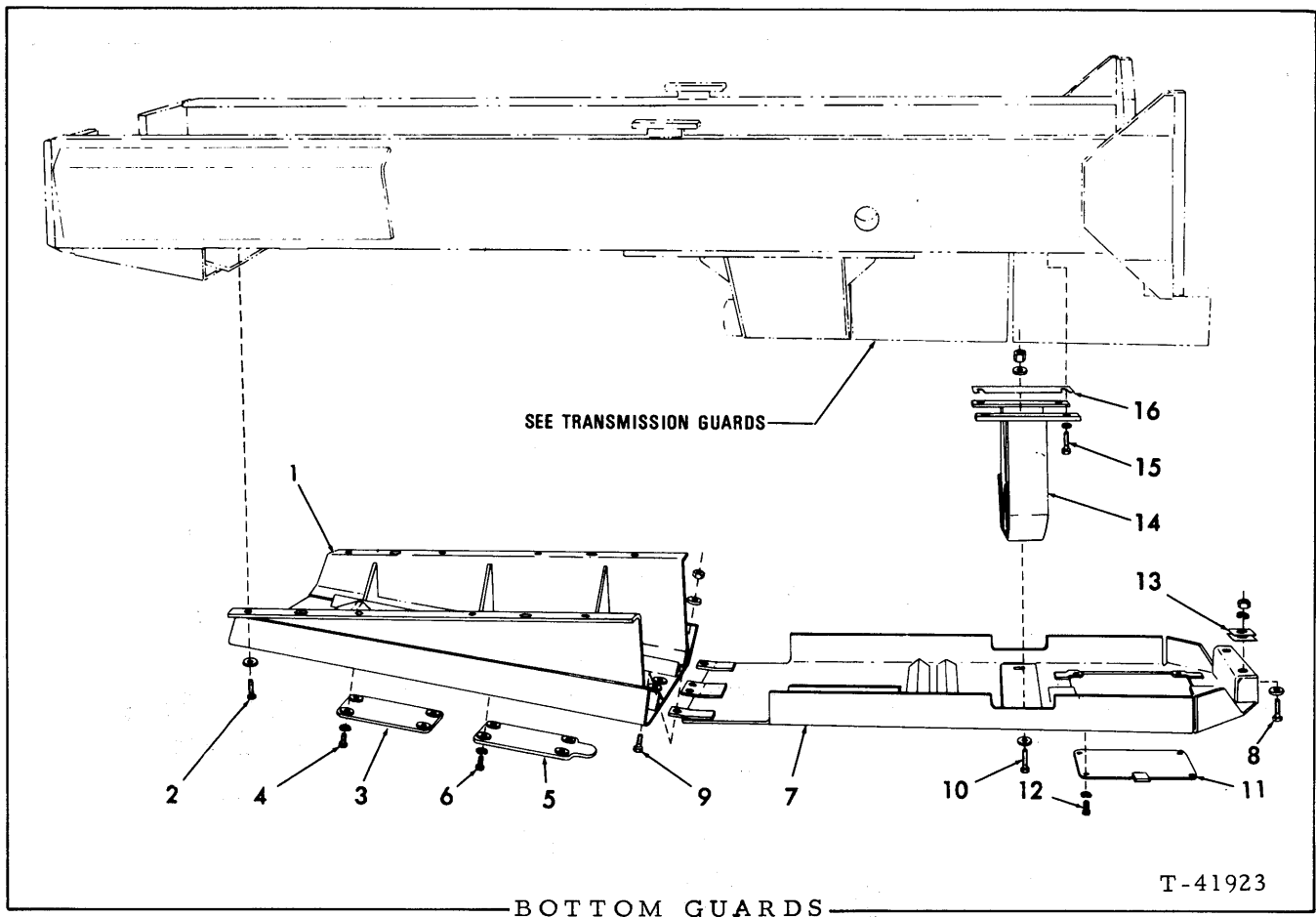
USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0666748-9	1	GUARD ASSY. (Includes items 3 thru 6)
2	0920583-2	8	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	8	WASHER, plain
3	0670351-6	1	COVER, crankcase drain hole
4	0916310-6	4	CAPSCREW, 1/2"NC x 1"
	0904208-6	4	LOCKWASHER, 1/2"
5	0623576-6	1	COVER, water drain hole (1/4" thick)
6	0916310-6	4	CAPSCREW, 1/2"NC x 1"
	0904208-6	4	LOCKWASHER, 1/2"



USAGE: Special equipment. For units not equipped with bottom guards.

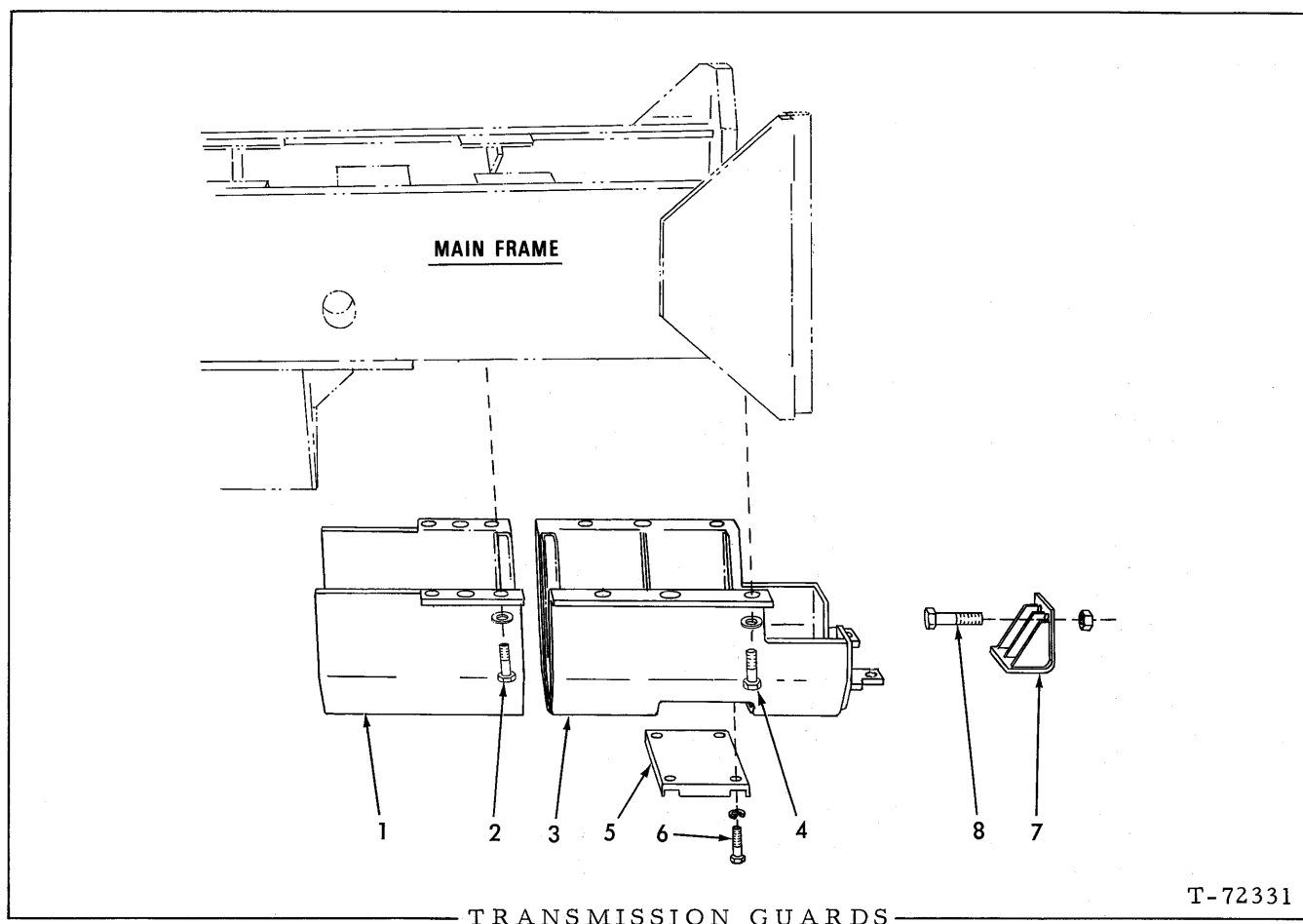
ITEM	PART NO.	QTY.	DESCRIPTION
1	0649746-5	1	GUARD, transmission
2	0920584-0	6	CAPSCREW, 1/2"NC x 2"
	0064531-7	6	WASHER, plain
3	0643770-1	1	COVER, transmission guard
4	0920583-2	4	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	4	LOCKWASHER, 1/2"
5	0665951-0	1	COVER, rear (Not used on units equipped with swinging drawbar)
6	0922744-8	4	CAPSCREW, 3/4"NC x 2-1/2"
	0911030-5	4	NUT, 3/4"NC



BOTTOM GUARDS

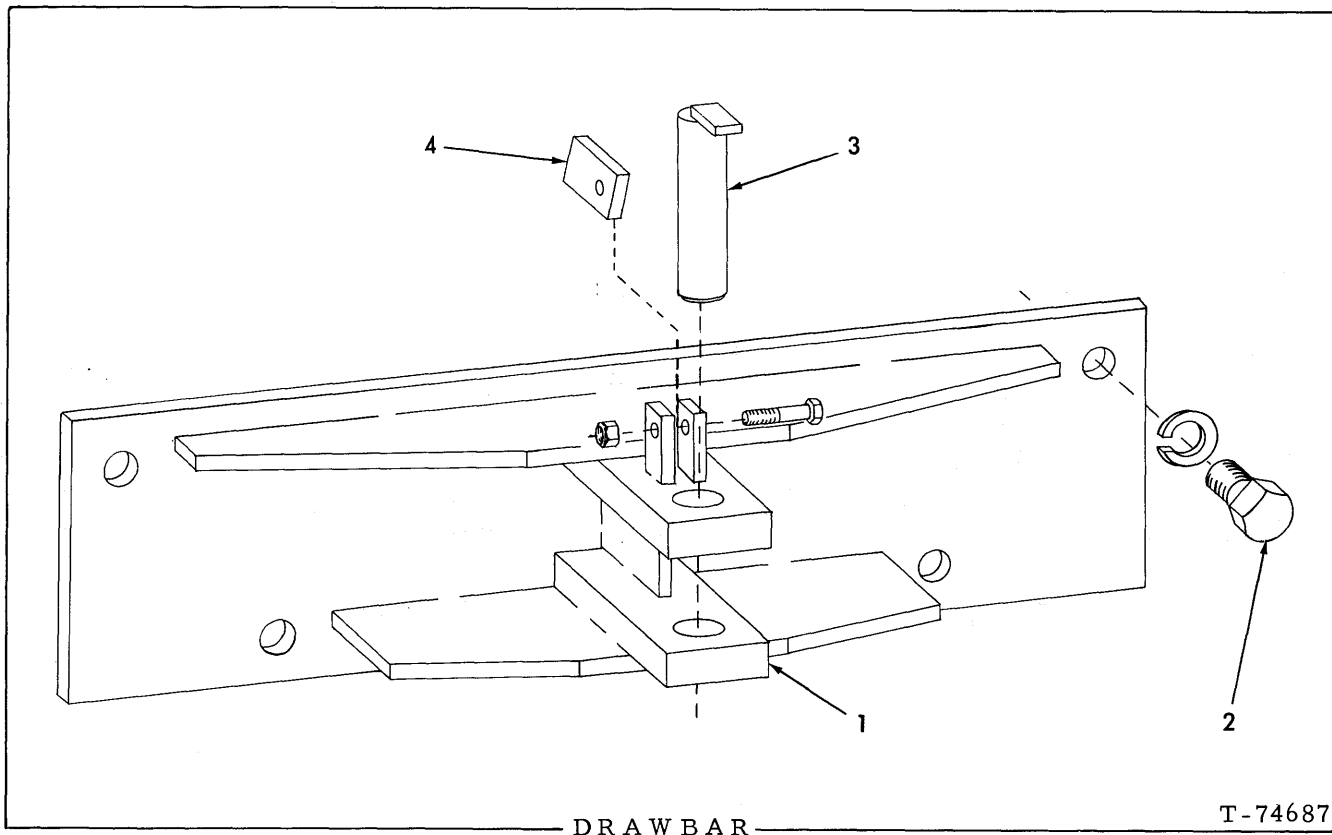
USAGE: Special equipment. For tractors engaged in logging operations.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0667279-4	1	GUARD ASSY., front section (Includes items 3 thru 6)
2	0920584-0	8	CAPSCREW, 1/2"NC x 1-5/8"
	0064531-7	8	WASHER, plain
3	0092760-8	1	COVER, water drain hole
4	0916310-6	4	CAPSCREW, 1/2"NC x 1"
	0904208-6	4	LOCKWASHER, 1/2"
5	0621272-4	1	COVER, crankcase oil drain hole
6	0916310-6	4	CAPSCREW, 1/2"NC x 1"
	0904208-6	4	LOCKWASHER, 1/2"
7	0639196-5	1	GUARD ASSY., rear section (Includes items 11 and 12)
8	0921597-1	2	CAPSCREW, 5/8"NC x 3"
	0064810-5	2	WASHER, plain
	0912442-0	2	LOCKWASHER, 5/8"
	0911029-7	2	NUT, 5/8"NC
9	0920585-7	4	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	4	WASHER, plain
	0911028-9	4	NUT, 1/2"NC
10	0922526-9	2	CAPSCREW, 1/2"NC x 2-1/2"
	0064531-7	4	WASHER, plain
	0910202-1	2	NUT, high, 1/2"NC
11	0064219-9	1	COVER, transmission oil drain
12	0035221-1	4	CAPSCREW, 1/2"NC x 1"
	0904208-6	4	LOCKWASHER, 1/2"
13	0638480-4	4	SHIM, rear guard (1/16" thick. Use as required)
	0638479-6	4	SHIM, rear guard (1/8" thick. Use as required)
14	0639194-0	1	CHANNEL, supporting, rear guard
15	0922510-3	4	CAPSCREW, 1/2"NC x 2-3/4"
	0912441-3	4	LOCKWASHER, 1/2"
16	0639188-2	4	SHIM, channel spacing (1/16" thick. Use as required)
	0639187-4	4	SHIM, channel spacing (1/8" thick. Use as required)



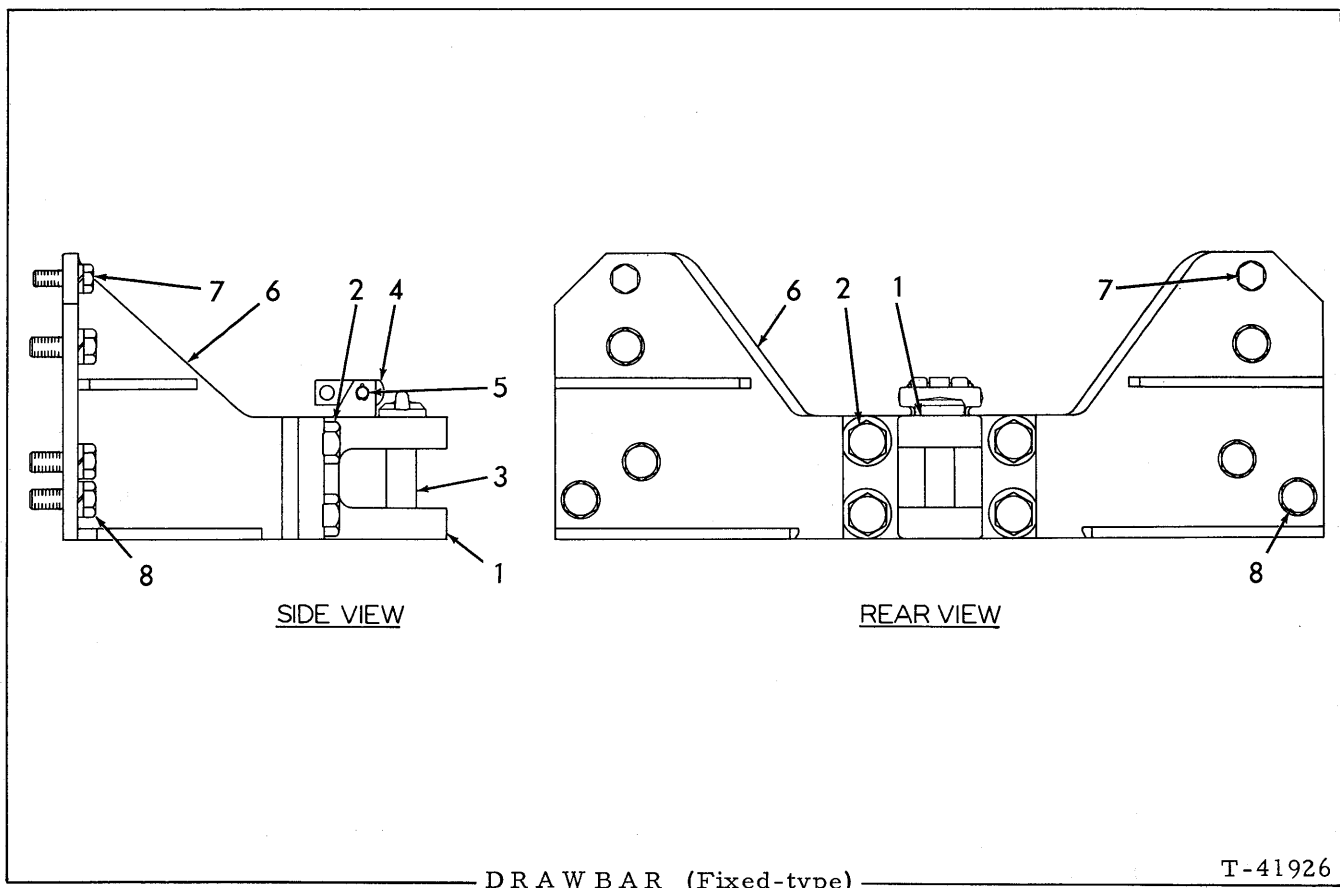
USAGE: Special equipment. For units equipped with bottom guards.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0638442-4	1	GUARD, transmission, front section
2	0920585-7	2	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	2	WASHER, plain
3	0646490-3	1	GUARD, transmission, rear section
4	0920585-7	2	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	2	WASHER, plain
5	0637971-3	1	COVER, rear transmission guard
6	0920583-2	4	CAPSCREW, 1/2"NC x 1-1/2"
7	0644483-0	1	COVER, rear (Not used on units equipped with special SWINGING DRAWBAR)
8	0922744-8	4	CAPSCREW, 3/4"NC x 2-1/2"
	0911030-5	4	NUT, 3/4"NC



USAGE: Standard equipment

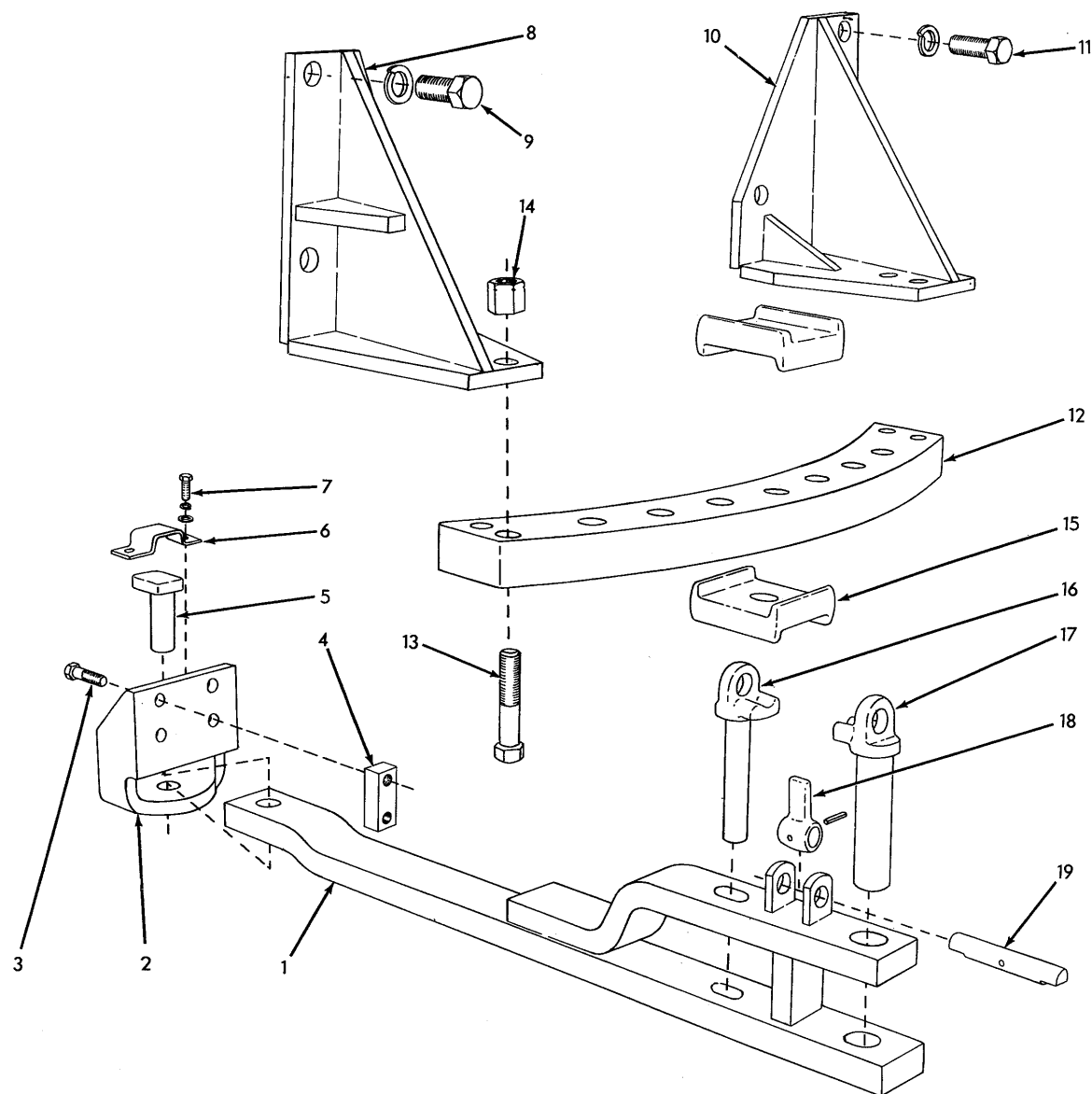
ITEM	PART NO.	QTY.	DESCRIPTION
1	0663991-8	1	DRAWBAR
2	0927608-0	4	CAPSCREW, 1-1/4"NF x 3-1/4"
	0914730-7	4	LOCKWASHER, 1-1/4"
3	0664015-5	1	PIN, coupling
4	0664052-8	1	PLATE, pin retaining
	0922526-9	1	CAPSCREW, 1/2"NC x 2-1/2"
	0915972-4	1	NUT, elastic stop, 1/2"NC



USAGE: Optional equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0633729-9	1	BRACKET, coupling
2	0633733-1	4	CAPSCREW, 1-1/2"NF x 5-1/2"
	0913077-4	4	LOCKWASHER, 1-1/2"
	0916555-6	4	NUT, 1-1/2"NF
3	0633730-7	1	PIN, drawbar
4	0629697-4	1	BLOCK, retaining, drawbar pin
5	0629698-2	1	PIN, retaining block
	0900806-1	2	PIN, cotter, 1/8" x 1"
6	0633863-6	1	BRACKET, supporting
7	0070272-0	2	CAPSCREW, 1"NF x 3"
	0910916-6	2	LOCKWASHER, 1"
8	0066794-9	6	CAPSCREW, 1-1/4"NF x 3-1/4"
	0904210-2	6	LOCKWASHER, 1-1/4"

MEMO



— DRAW BAR (Swing-type) —

T-4023

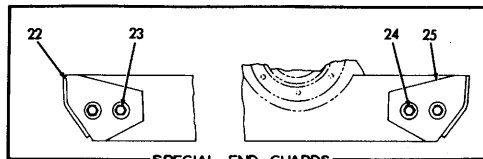
USAGE: Optional equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0056711-5	1	DRAWBAR
2	0647923-2	1	BRACKET, hinge pin
3	0012984-1	4	CAPSCREW, 3/4"NF x 2-3/4"
4	0647922-4	2	BLOCK, tapped
5	0080667-9	1	PIN, hinge
6	0050447-2	1	PLATE, hinge pin retaining
7	0070469-2	2	CAPSCREW, 1/2"NF x 1-1/4"
	0904208-6	2	LOCKWASHER, 1/2"
	0910244-3	2	WASHER, plain, SAE std., 1/2"

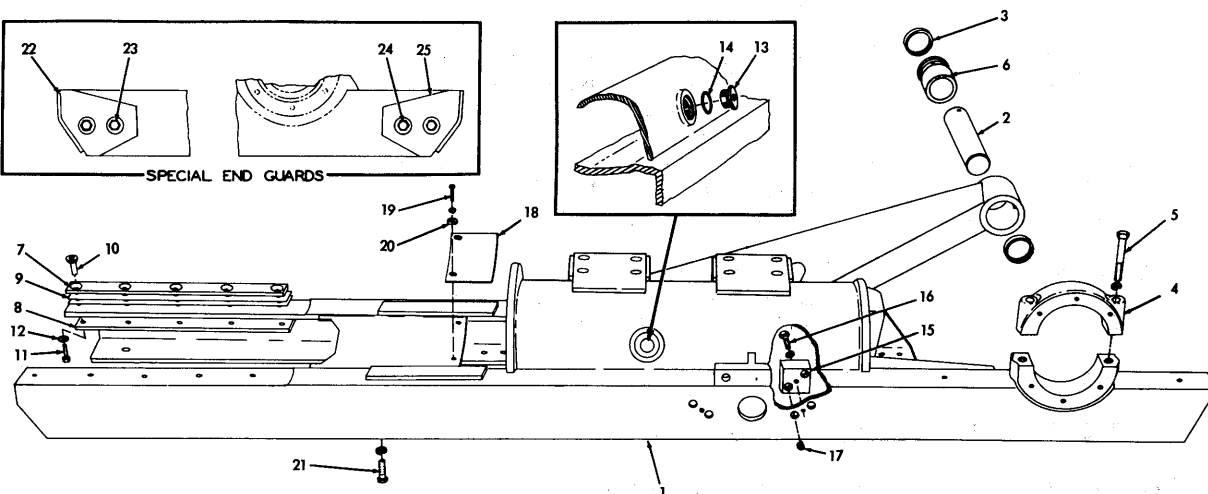
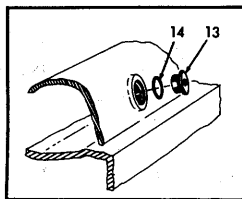
(Continued)

DRAWBAR (Swing-type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	0064413-8	1	BRACKET, supporting plate, left
9	0073468-1	3	CAPSCREW, 1"NF x 2-1/2"
	0910916-6	3	LOCKWASHER, 1"
10	0064414-6	1	BRACKET, supporting plate, right
11	0073468-1	3	CAPSCREW, 1"NF x 2-1/2"
	0910916-6	3	LOCKWASHER, 1"
12	0058759-2	1	PLATE, supporting
13	0036546-0	4	CAPSCREW, 1"NF x 4-1/4"
14	0600236-4	4	NUT, high, 1"NF
15	0056706-5	2	SHOE, wear
16	0056702-4	1	PIN, drawbar locking
17	0059007-5	1	PIN, drawbar coupling
18	0051352-3	1	ARM, locking, drawbar pins
	0915504-5	1	PIN, roll, 5/16" x 1-3/4"
19	0078867-9	1	SHAFT, locking arm



SPECIAL END GUARDS



TRACK FRAME

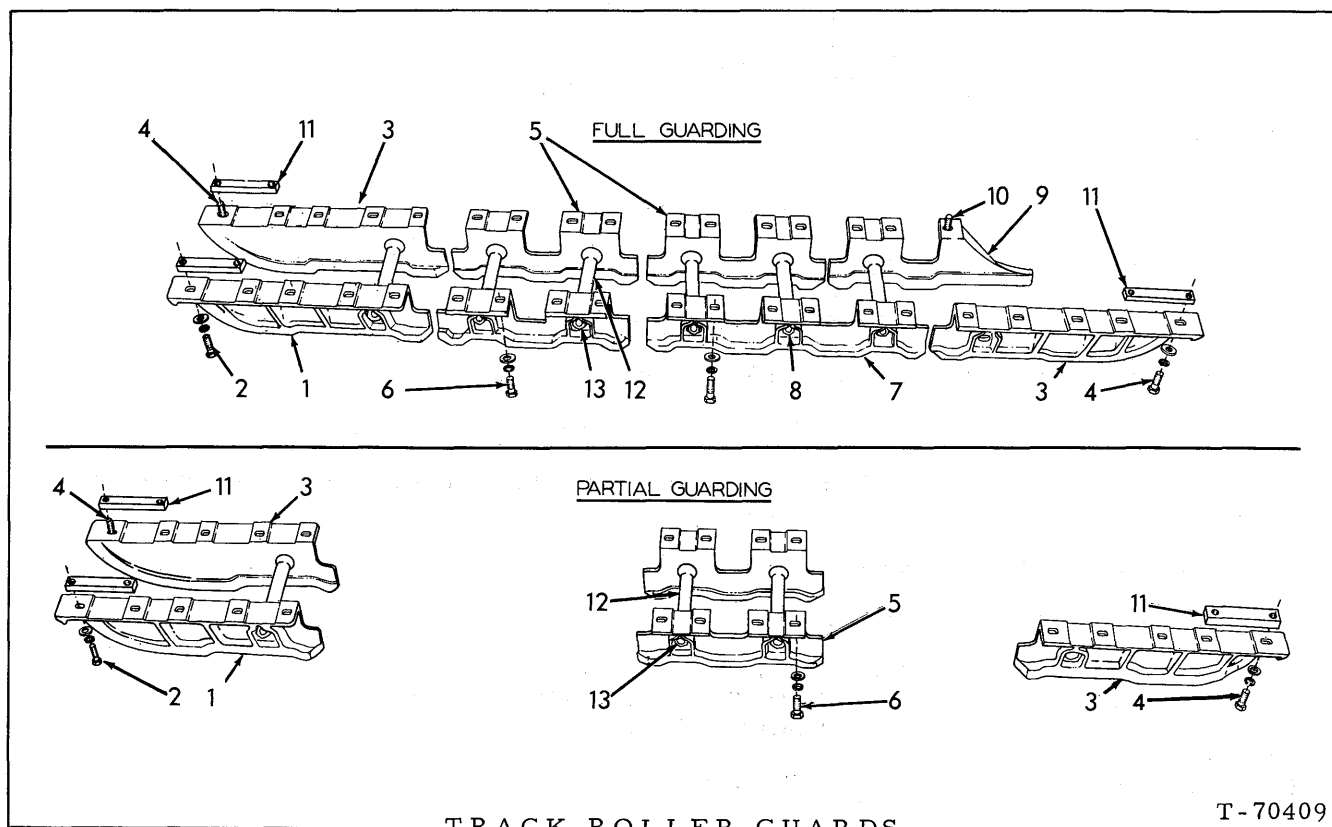
T-38134

TRACK FRAME

* Units with standard 40-link tracks
 ** Units with special 44-link tracks

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	0671785-4	1 -	FRAME ASSY., left
	0666639-0	- 1	FRAME ASSY., left
	0671786-2	1 -	FRAME ASSY., right
	0666640-8	- 1	FRAME ASSY., right
	0914465-0	2 2	FITTING, lubricating, straight, 1/8"NPT
NOTE: Each frame Assembly listed above includes items 4 thru 6			
2	0666464-3	2 2	SHAFT, pivot
3	0666465-0	4 4	SEAL, pivot shaft
4	0056895-6	2 2	CAP, sprocket shaft bearing
5	0925954-0	4 4	CAPSCREW, 3/4"NF x 4-1/2"
	0914726-5	4 4	LOCKWASHER, 3/4"
6	0666459-3	2 2	BUSHING, pivot shaft
7	0658238-1	4 4	BAR, slide track idler, upper
8	0658237-3	4 4	BAR, slide, track idler, lower
9	0658236-5	12 12	SHIM, slide bar (2-1/4" wide)(Use as required)
10	0631687-1	20 20	DOWEL, tapped, slide bar retaining
11	0927572-8	20 20	CAPSCREW, Nylok, 3/8"NF x 7/8"
12	0647080-1	20 20	WASHER, plain
13	0035250-0	2 2	PLUG, release spring chamber filler
14	0677252-9	2 2	GASKET, filler plug
15	0056898-0	4 -	BLOCK, tapped (For mounting dozer equipment)
16	0927522-3	4 -	CAPSCREW, 1/2"NF x 1-3/4"
	0912441-3	4 -	LOCKWASHER, 1/2"
17	0666335-5	8 -	CORK, thread protecting (7/8" diam.)
18	0097332-1	2 2	PLATE, dirt closure
19	0927225-3	4 4	CAPSCREW, 3/8"NF x 1-1/4"
20	0044973-6	4 4	WASHER, plain
21	0921168-1	48 42	CAPSCREW, thread protecting (5/8"NF x 2")(Removed when guards are installed)
	0912942-0	48 42	LOCKWASHER, 5/8"
22	0656677-2	3 3	GUARD, end, left hand
23	0023465-8	6 6	CAPSCREW, 5/8"NF x 1-3/4"
	0904209-4	6 6	LOCKWASHER, 5/8"
	0911044-6	6 6	NUT, 5/8"NF
24	0656678-0	3 3	GUARD, end, right hand
25	0023465-8	6 6	CAPSCREW, 5/8"NF x 1-3/4"
	0904209-4	6 6	LOCKWASHER, 5/8"
	0911044-6	6 6	NUT, 5/8"NF

} Special equipment



TRACK ROLLER GUARDS

T-70409

USAGE: Special equipment. For units with standard 40 - link tracks.

*Partial guarding

**Full guarding

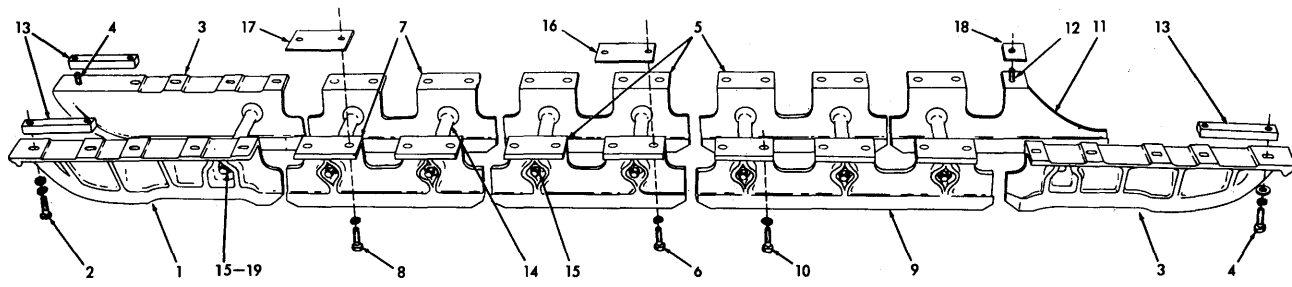
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	0649103-9	3	3	GUARD, end section, left hand
2	0013467-6	15	15	CAPSCREW, 5/8"NF x 3"
	0904209-4	15	15	LOCKWASHER, 5/8"
	0064810-5	15	15	WASHER, plain
3	0649104-7	3	3	GUARD, end section, right hand
4	0013467-6	15	15	CAPSCREW, 5/8"NF x 3"
	0904209-4	15	15	LOCKWASHER, 5/8"
	0064810-5	15	15	WASHER, plain
5	0645649-5	4	6	GUARD, intermediate section
6	0013467-6	16	24	CAPSCREW, 5/8"NF x 3"
	0904209-4	16	24	LOCKWASHER, 5/8"
	0064810-5	16	24	WASHER, plain
7	0645650-3	-	2	GUARD, intermediate rear section, outer
8	0013467-6	-	12	CAPSCREW, 5/8"NF x 3"
	0904209-4	-	12	LOCKWASHER, 5/8"
	0064810-5	-	12	WASHER, plain
9	0645669-3	-	1	GUARD, rear inner section, left side
	0645670-1	-	1	GUARD, rear inner section, right side
10	0013467-6	-	6	CAPSCREW, 5/8"NF x 3"
	0904209-4	-	6	LOCKWASHER, 5/8"
	0064810-5	-	6	WASHER, plain

(Continued)

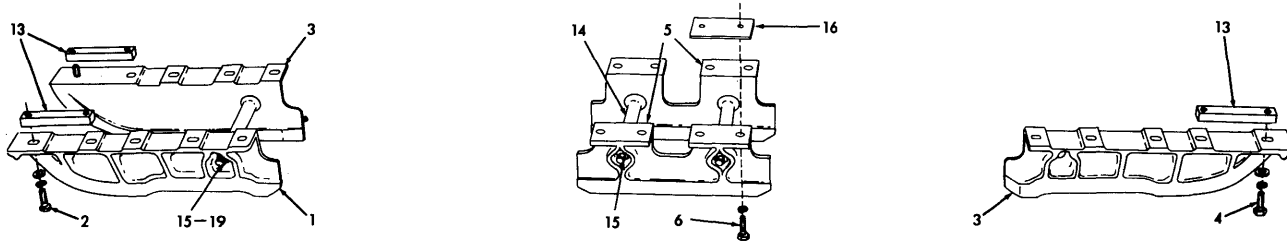
TRACK ROLLER GUARDS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
11	0632769-6	12	12	BLOCK, tapped, end guard attachment
12	0644112-5	6	12	SPACER, guard bracing
13	0661102-4	6	12	ROD, guard bracing
	0905347-1	12	24	LOCKWASHER, 7/8"
	0911046-1	12	24	NUT, 7/8"NF
	0638341-8	12	24	WASHER, plain

FULL GUARDING



PARTIAL GUARDING



T-37235

HEAVY-DUTY TRACK ROLLER GUARDS

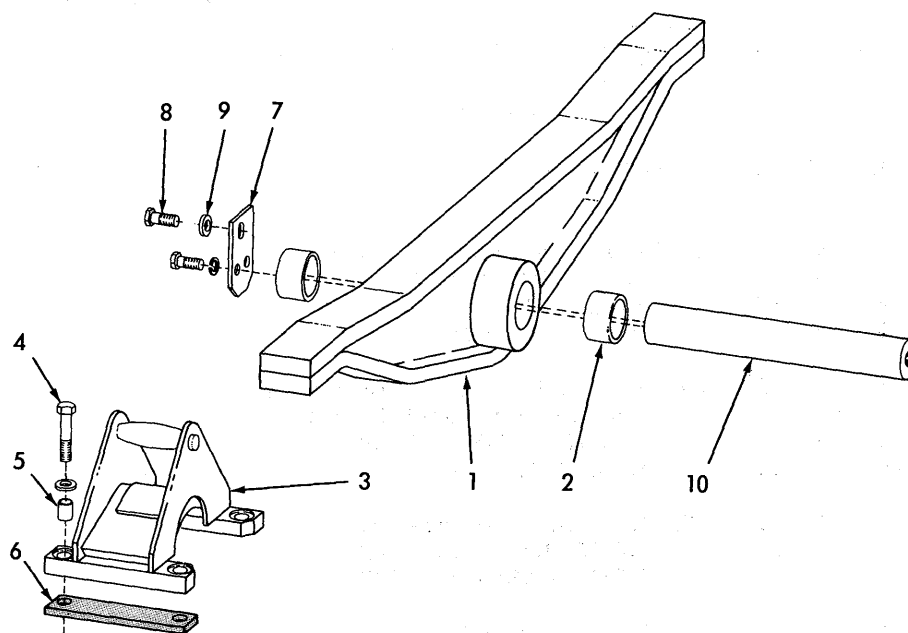
HEAVY-DUTY TRACK ROLLER GUARDS

USAGE: Special equipment. For units with special 44-link tracks.

* Partial guarding

** Full guarding

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	0649103-9	3	3	GUARD, end section, left hand
2	0013467-6	15	15	CAPSCREW, 5/8"NF x 3"
	0904209-4	15	15	LOCKWASHER, 5/8"
	0064810-5	15	15	WASHER, plain
3	0649104-7	3	3	GUARD, end section, right hand
4	0013467-6	15	15	CAPSCREW, 5/8"NF x 3"
	0904209-4	15	15	LOCKWASHER, 5/8"
	0064810-5	15	15	WASHER, plain
5	0648438-0	4	6	GUARD, intermediate section
6	0070161-5	16	24	CAPSCREW, 5/8"NF x 2-3/4"
	0904209-4	16	24	LOCKWASHER, 5/8"
7	0648441-4	-	4	GUARD, intermediate front section
8	0070161-5	-	16	CAPSCREW, 5/8"NF x 2-3/4"
	0904209-4	-	16	LOCKWASHER, 5/8"
9	0648436-4	-	2	GUARD, intermediate rear section, outer
10	0070161-5	-	12	CAPSCREW, 5/8"NF x 2-3/4"
	0904209-4	-	12	LOCKWASHER, 5/8"
11	0648439-8	-	1	GUARD, rear inner section, left side
	0648440-6	-	1	GUARD, rear inner section, right side
12	0070161-5	-	6	CAPSCREW, 5/8"NF x 2-3/4"
	0904209-4	-	6	LOCKWASHER, 5/8"
13	0632769-6	12	12	BLOCK, tapped, end guard attachment
14	0644112-5	6	16	SPACER, guard bracing
15	0661102-4	6	16	ROD, guard bracing
	0905347-1	12	32	LOCKWASHER, 7/8"
	0911046-1	12	32	NUT, 7/8"NF
16	0650220-7	8	20	PLATE, guard spacing, intermediate
17	0650221-5	-	8	PLATE, guard spacing, front
18	0650222-3	-	2	PLATE, guard spacing, rear
19	0638341-8	12	32	WASHER, plain

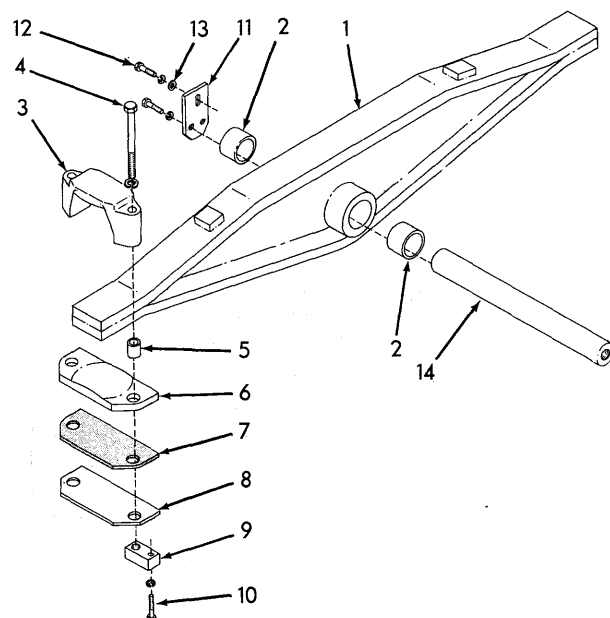


EQUALIZING BEAM

T-76279

USAGE: Standard equipment.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0671767-2	1	BEAM ASSY. (Includes item 2)
2	0056413-8	2	BUSHING, beam pivot
3	0671718-5	2	BRACKET, shock pad
4	0923983-1	8	CAPSCREW, 3/4"NF x 3-3/4"
	0677012-7	8	WASHER, plain
5	0671772-2	8	BUSHING, bracket spacing
6	0671775-5	4	PAD, shock
7	0056441-9	1	PLATE, pivot pin retaining
8	0922726-5	3	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	2	LOCKWASHER, 1/2"
9	0677008-5	1	WASHER, plain
10	0667209-1	1	PIN, beam pivot

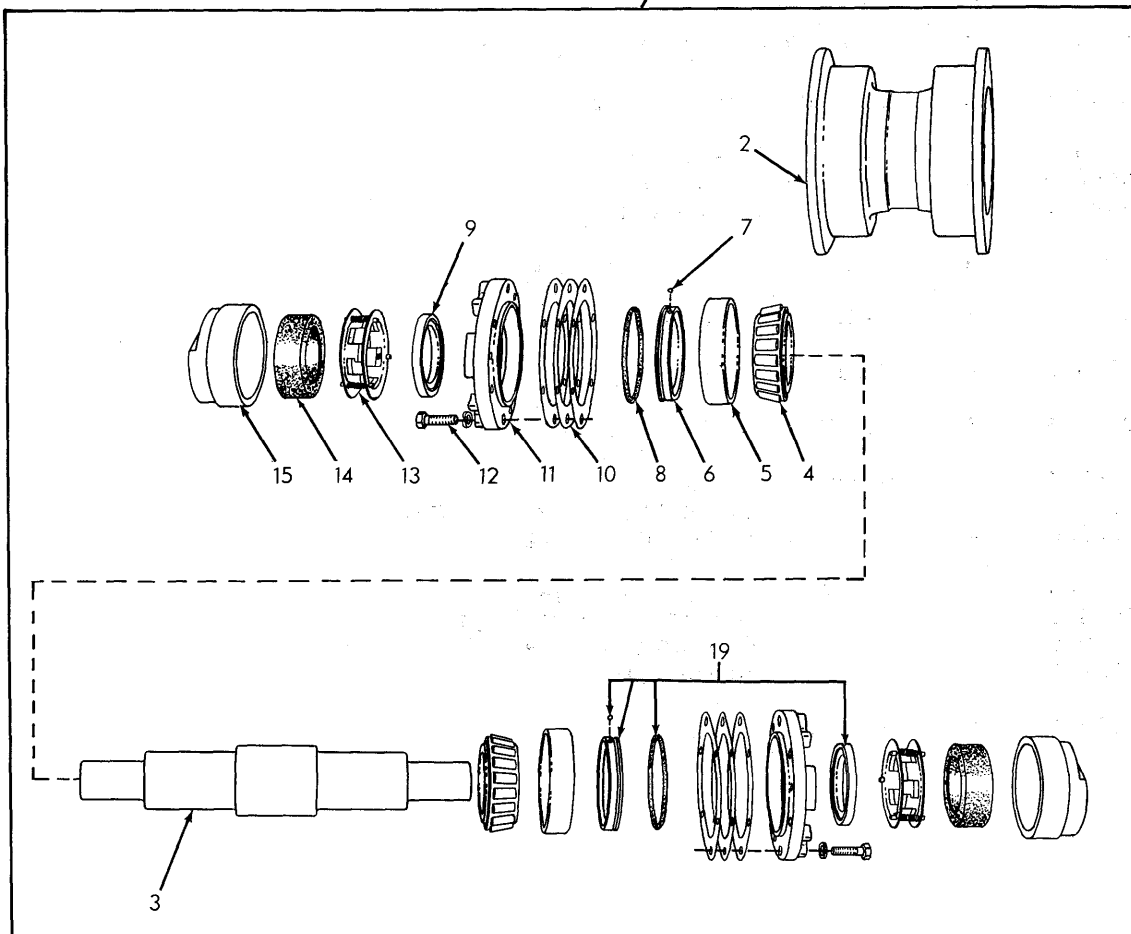
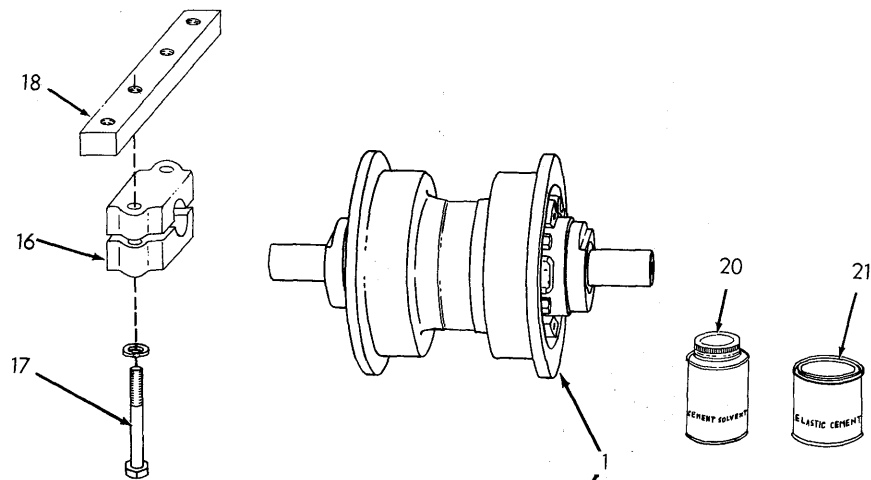


EQUALIZING BEAM

T-72332

USAGE: Special equipment. For units with special 44-link tracks.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0643367-6	1	BEAM ASSY. (Includes item 2)
2	0056413-8	2	BUSHING, beam pivot
3	0650513-5	2	BRACKET, shock pad
4	0650546-5	4	CAPSCREW, 3/4"NF x 7-3/4"
	0904369-6	4	LOCKWASHER, 3/4"
5	0650547-3	4	BUSHING, bracket spacing
6	0650536-6	2	PAD, beam seating
7	0650538-2	2	PAD, shock (rubber)
8	0650537-4	2	PLATE, shock pad (steel)
9	0630752-4	4	BLOCK, tapped
10	0916314-8	4	CAPSCREW, 1/2"NF x 2-1/4"
	0904208-6	4	LOCKWASHER, 1/2"
11	0056441-9	1	PLATE, pivot pin retaining
12	0035018-1	3	CAPSCREW, 1/2"NF x 1-1/2"
	0904208-6	3	LOCKWASHER, 1/2"
13	0064531-7	1	WASHER, plain
14	0667209-1	1	PIN, beam pivot



— TRACK ROLLER —

T-5925

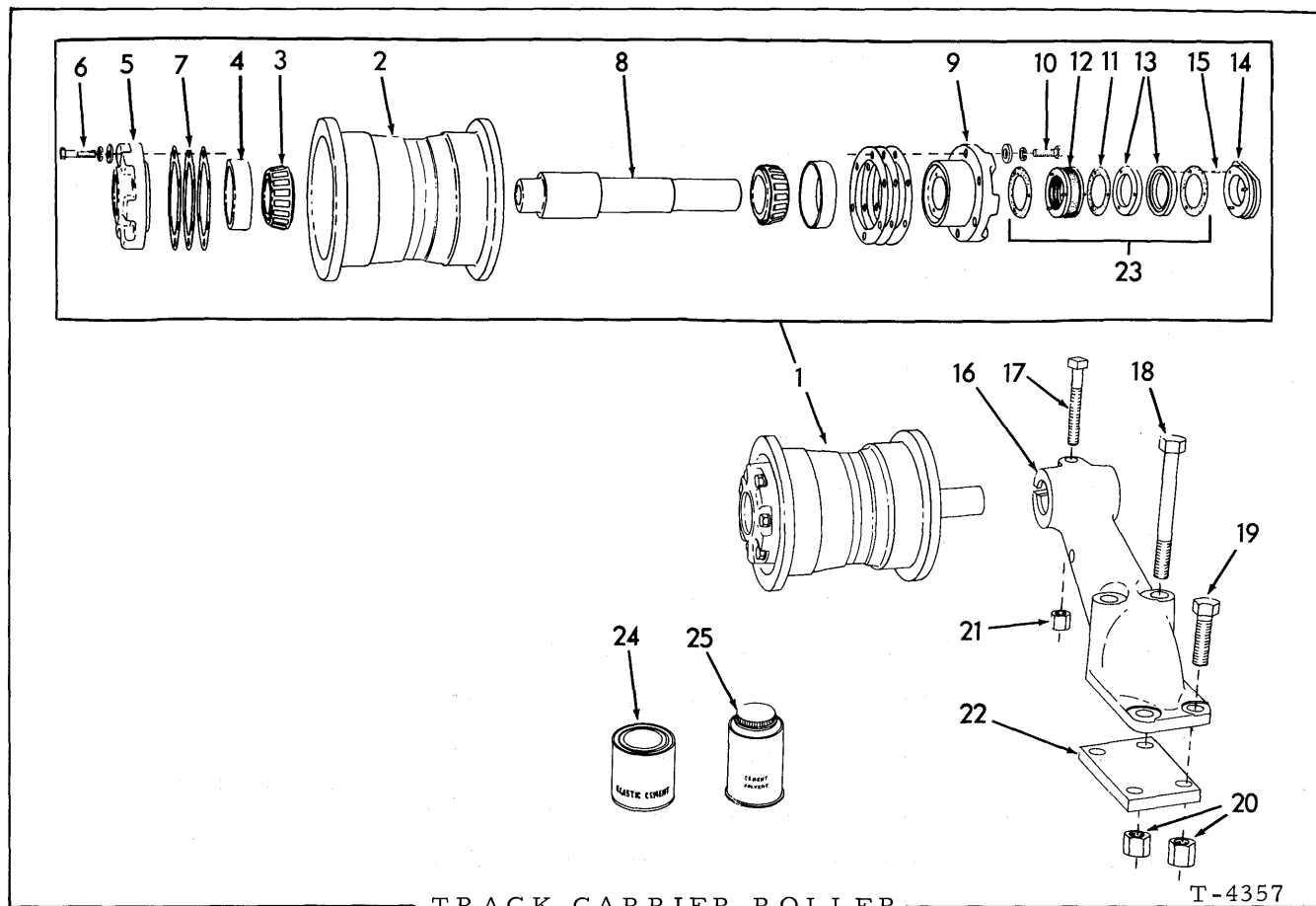
TRACK ROLLER

ITEM	PART NO.	QTY.	DESCRIPTION
1	0680950-3	1	ROLLER ASSY. (Consists of items 2 thru 15)
2	0675342-0	1	ROLLER
3	0622663-3	1	SHAFT
4	0680948-7	2	CONE ASSY., bearing
5	0680949-5	2	CUP, bearing
6	0066693-3	2	□RING, seal, inner
7	0905357-0	2	□BALL, steel, 3/16" diam.
8	0923585-4	2	□O-RING, seal ring
9	0049110-0	2	□RING, seal, outer
10	0656624-4	4	SHIM, bearing adjustment (.003" thick)
	0074567-9	4	SHIM, bearing adjustment (.007" thick)
	0074568-7	4	SHIM, bearing adjustment (.010" thick)
	0074569-5	2	SHIM, bearing adjustment (.032" thick)
Use as required			
11	0663046-1	2	RETAINER, bearing
12	0012992-4	12	CAPSCREW, 3/8"NF x 1-1/4"
	0904206-0	12	LOCKWASHER, 3/8"
13	0049111-8	2	SPRING ASSY., seal (Serviced only as a unit)
14	0049109-2	2	BOOT, seal spring
15	0074566-1	2	RETAINER, seal
16	0667811-4	4	BRACKET, attaching
17	0045524-6	4	CAPSCREW, 5/8"NF x 4-1/2"
	0677010-1	4	WASHER, plain
18	0631617-8	2	BLOCK, tapped, attaching capscrews
19	0083208-9	1	SEAL KIT (Includes items 6 thru 9)
20	0054890-9	-	SOLVENT, neoprene cement 1/2 pint can
21	0033288-2	-	CEMENT, neoprene, 1/2 pint can

NOTE: All quantities listed above are for one (1) roller only.
The number of rollers used on the various applications is listed below.

With standard 40-link track 12
With special 44-link track 16

□ Components of item 19



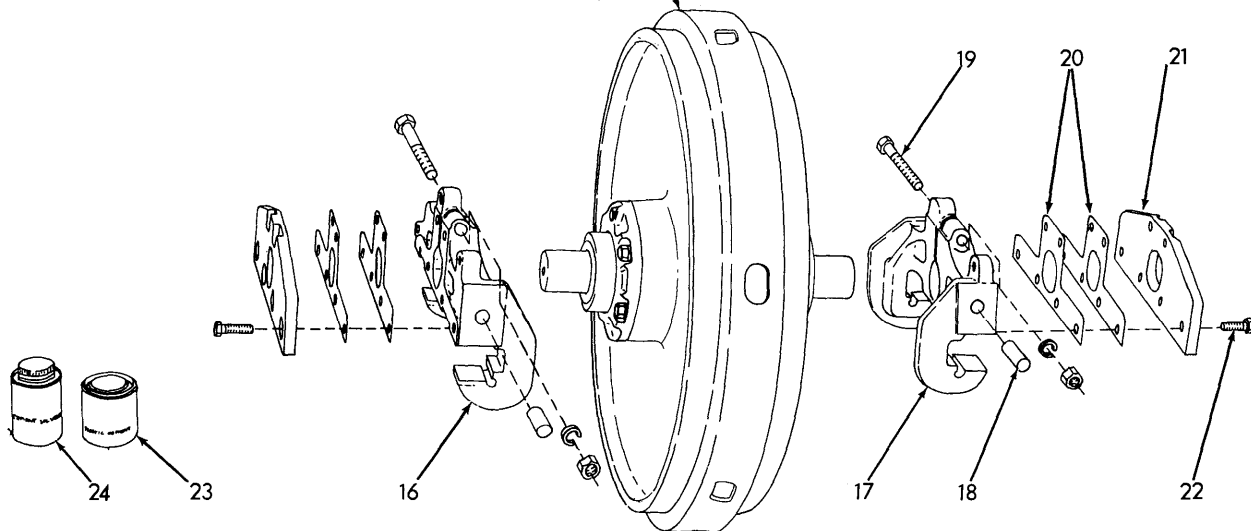
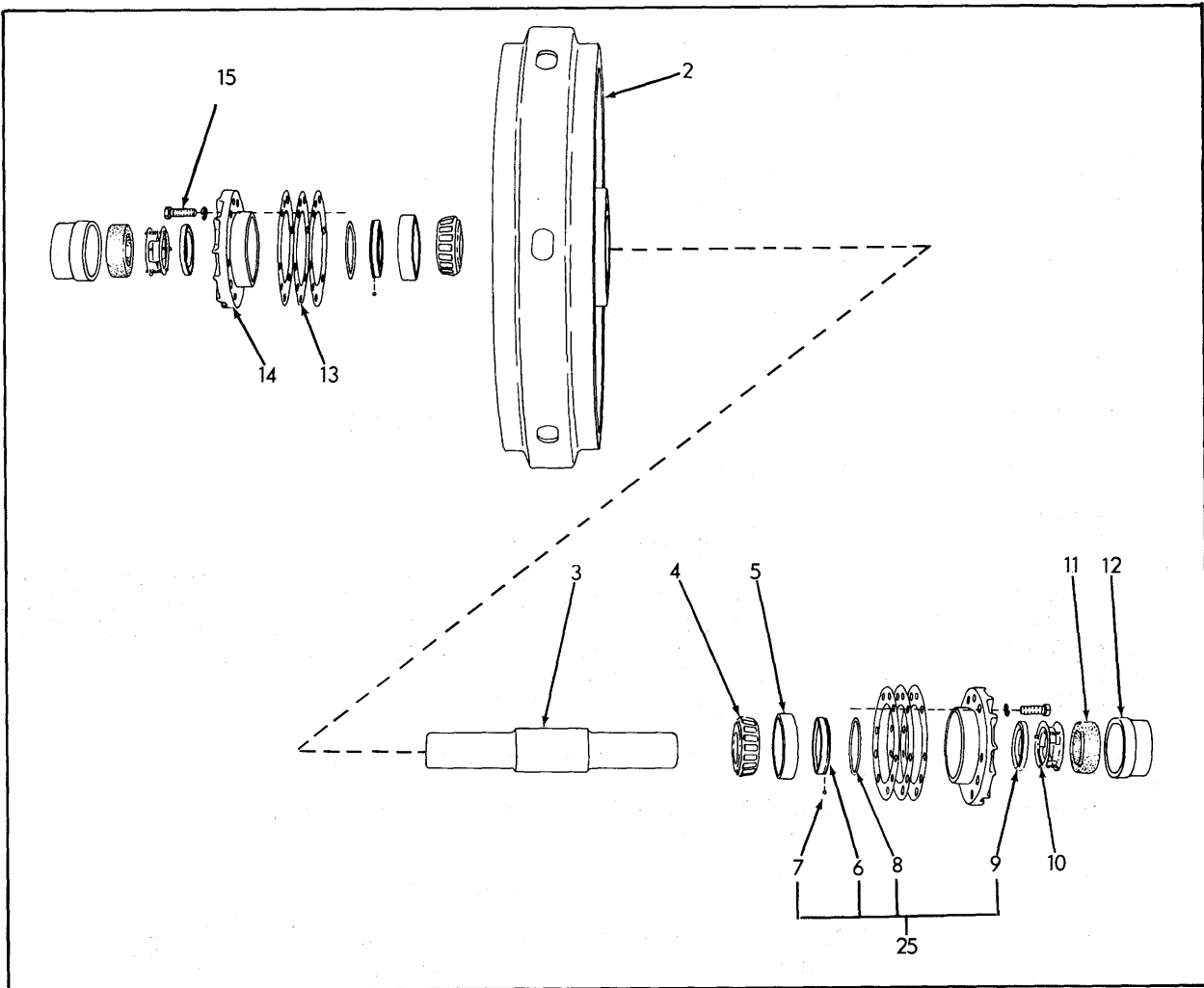
ITEM	PART NO.	QTY.	DESCRIPTION
1	0643966-5	2	ROLLER ASSY. (Consists of items 2 thru 15)(2 additional required prior to unit #17100)
NOTE: Quantities shown are for (1) one Roller only			
2	0643959-0	1	ROLLER
3	0042888-8	2	CONE ASSY., bearing
4	0042887-0	2	CUP, bearing
5	0622612-0	1	RETAINER, outer bearing
6	0012992-4	6	CAPSCREW, 3/8" NF x 1-1/4"
	0904206-0	6	LOCKWASHER, 3/8"
7	0655474-5	4	SHIM, bearing adjustment (.003" thick)
	0051484-4	2	SHIM, bearing adjustment (.007" thick)
	0051483-6	5	SHIM, bearing adjustment (.010" thick)
	0051482-8	3	SHIM, bearing adjustment (.032" thick)
Use as required			

TRACK CARRIER ROLLER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	0056312-2	1	SHAFT
9	0051478-6	1	RETAINER, inner bearing
10	0012992-4	6	CAPSCREW, 3/8"NF x 1-1/4"
	0904206-0	6	LOCKWASHER, 3/8"
11	0047605-1	3	☐ GASKET, seal ring
12	0047581-4	1	☐ SPRING ASSY., seal (Serviced only as a unit)
13	0047151-6	2	☐ RING, seal
14	0051429-9	1	GUARD ASSY., seal (Includes item 15)
15	0049877-4	3	PIN, seal guard
16	0056881-6	1	BRACKET
17	0925740-3	1	CAPSCREW, 5/8"NF x 4"
18	0928419-1	2	CAPSCREW, 3/4"NF x 6-1/4" (Prior to tractor unit #17100)
	0928429-0	2	CAPSCREW, 3/4"NF x 7-3/8" (Tractor unit #17100 and up)
19	0921170-7	2	CAPSCREW, 3/4"NF x 2-1/2" (Prior to tractor unit #17100)
	0926380-7	2	CAPSCREW, 3/4"NF x 3-1/2" (Tractor unit #17100 and up)
20	0012767-0	4	NUT, high, 3/4"NF
21	0072366-8	1	NUT, high, 5/8"NF
22	0686014-2	1	SPACER, bracket (Tractor unit #17100 and up)
23	0083536-3	1	SEAL KIT (Includes parts for two (2) Roller Assemblies; items 11 thru 13)
24	0033288-2	-	CEMENT, neoprene, 1/2 pint can
25	0054890-9	-	SOLVENT, neoprene cement, 1/2 pint can

} For cementing
boots and gaskets

☐ Components of item 23



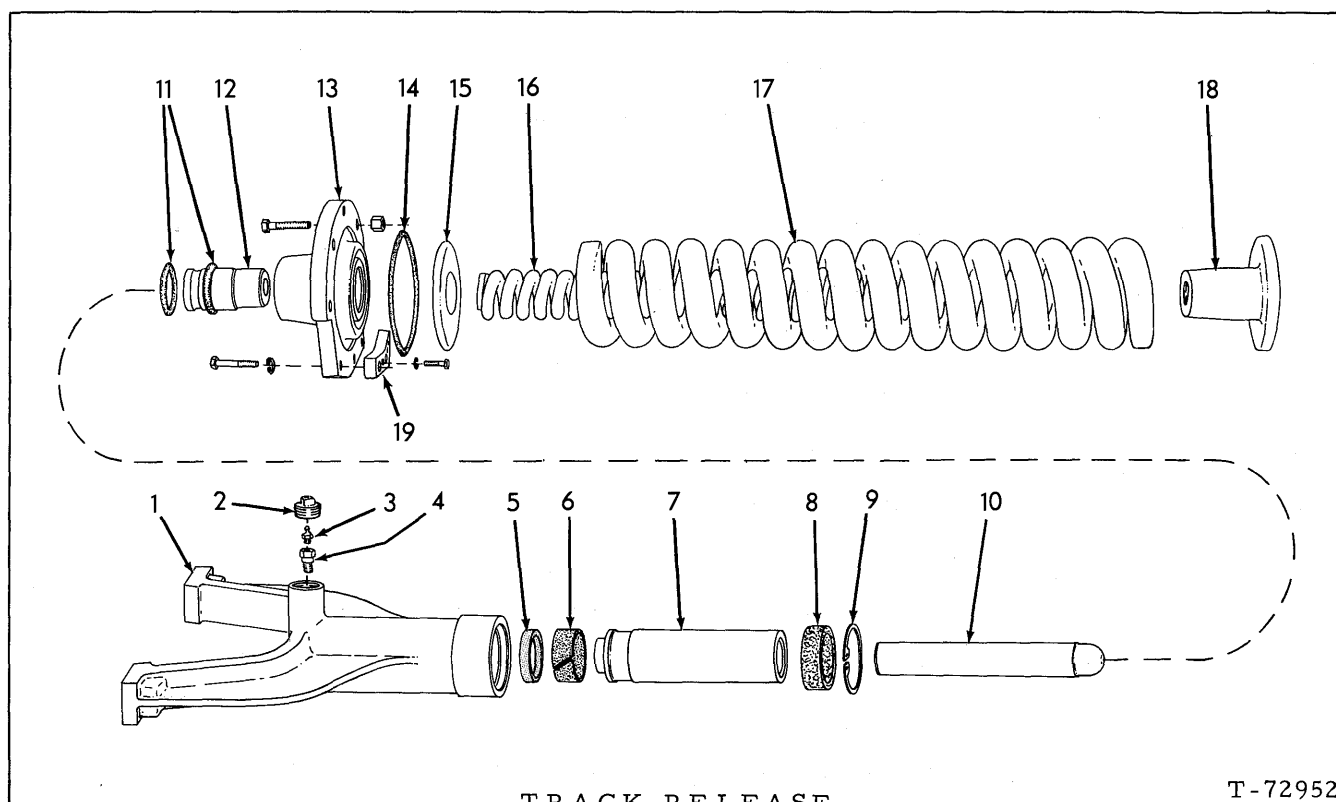
TRACK IDLER

T-32113

TRACK IDLER

ITEM	PART NO.	QTY.	DESCRIPTION	
1	0676191-0	2	IDLER ASSY. (Consists of items 2 thru 15)	
2	0672069-2	2	IDLER	
3	0622847-2	2	SHAFT	
4	0073112-5	4	CONE ASSY., bearing	
5	0073111-7	4	CUP, bearing	
6	0066693-3	4	ORING, idler seal inner	
7	0905357-0	4	BALL, steel, 3/16" diam.	
8	0923585-4	4	O-RING, seal ring	
9	0049110-0	4	ORING, idler seal, outer	
10	0049111-8	4	SPRING ASSY., seal (Serviced only as a unit)	
11	0049109-2	4	BOOT, seal spring	
12	0622855-5	4	RETAINER, seal	
13	0655524-7	8	SHIM, bearing adjustment (.003" thick)	Use as required
	0073160-4	4	SHIM, bearing adjustment (.007" thick)	
	0073161-2	6	SHIM, bearing adjustment (.010" thick)	
	0073162-0	4	SHIM, bearing adjustment (.032" thick)	
14	0622850-6	4	RETAINER, bearing	
15	0922726-5	24	CAPSCREW, 1/2"NF x 1-1/2"	
	0912441-3	24	LOCKWASHER, 1/2"	
16	0658741-4	2	BRACKET ASSY., left	Each includes item 18
17	0658742-2	2	BRACKET ASSY., right	
18	0056585-3	4	PIN, dowel, idler bracket to release yoke	
19	0916266-0	4	CAPSCREW, bracket clamping (5/8"NF x 5")	
	0912942-0	4	LOCKWASHER, 5/8"	
	0911029-7	4	NUT, 5/8"NF	
20	0078981-8	16	SHIM, guide adjusting (Use as required)	
21	0643840-2	4	PLATE, guide	
22	0927548-8	24	CAPSCREW, 5/8"NF x 1-1/8"	
23	0033288-2	-	CEMENT, neoprene, 1/2 pint can	For cementing seal boots
24	0054890-9	-	SOLVENT, neoprene cement, 1/2 pint can	
25	0083208-9	2	SEAL KIT (Includes parts for one (1) idler only; items 6 thru 9)	

Components of item 29

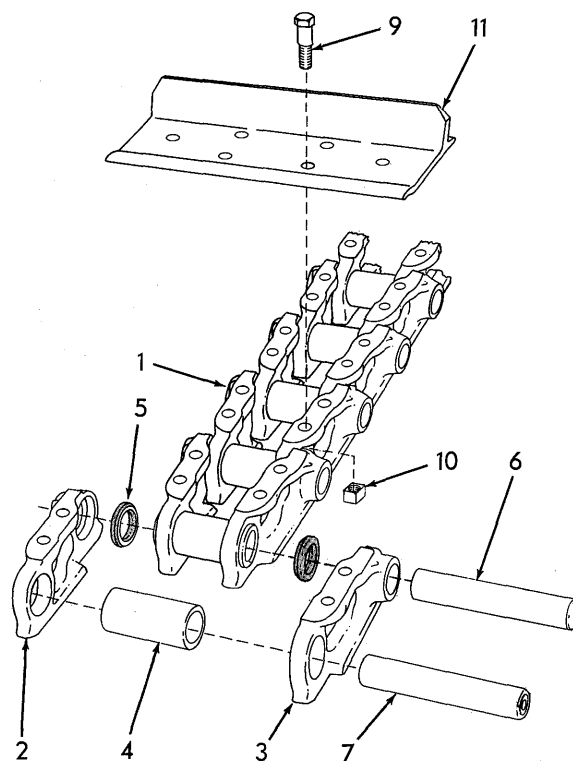
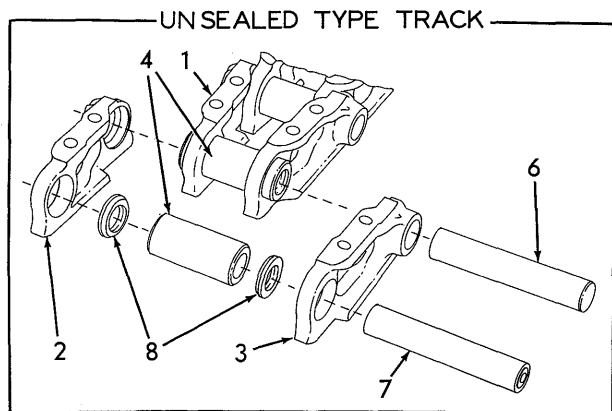


ITEM	PART NO.	QTY.	DESCRIPTION
1	0665044-4	2	YOKE ASSY. (Includes items 2 thru 9)
2	0666367-8	2	PLUG, yoke
3	0666407-2	2	FITTING, pressurizing
4	0628915-1	2	VALVE ASSY., relief (Serviced only as a unit)
5	0628934-2	2	SEAL, piston
6	0666620-0	2	RING, wear, adjusting piston
7	0665043-6	2	PISTON, adjusting
8	0666621-8	2	RING, wear, release yoke
9	0659058-2	2	RING, snap
10	0666652-3	2	BAR, push (11-3/4" long)(Units with standard 40-link tracks)
	0666622-6	2	BAR, push (28-3/8" long)(Units with special 44-link tracks)
11	0923827-0	4	O-RING, crosshead
12	0621300-3	2	CROSSHEAD
13	0056652-1	2	COVER, release spring chamber
	0070161-5	16	CAPSCREW, 5/8"NF x 2-3/4"
	0904209-4	6	LOCKWASHER, 5/8"
	0072366-8	10	NUT, high, 5/8"NF

(Continued)

TRACK RELEASE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	0056645-5	2	SEAL, release spring chamber cover
15	0098121-7	2	WASHER, release spring
16	0098123-3	2	SPRING, inner
17	0098122-5	2	SPRING, outer
18	0098124-1	2	SEAT, release spring
19	0645545-5	2	BLOCK, tapped
	0920583-2	4	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	4	LOCKWASHER, 1/2"



TRACK

T-70411

* Units with standard 40-link tracks
 ** Units with special 44-link tracks
 *** Units with special unsealed 40-link tracks

} Sealed type track

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	0668354-4	2	-	-	CHAIN ASSY. (40 links)(Includes items 2 thru 7)
	0668358-5	-	2	-	CHAIN ASSY. (44 links)(Includes items 2 thru 7)
	0679432-5	-	-	2	CHAIN ASSY. (40 links)(Includes items 2 thru 4 and 6 thru 8)
2	0668327-0	78	86	78	LINK, left
	0668341-1	2	2	2	LINK, master, left
3	0668328-8	78	86	78	LINK, right
	0668342-9	2	2	2	LINK, master, right
4	0668324-7	80	88	2	BUSHING
	0679361-6	-	-	78	BUSHING

(Continued)

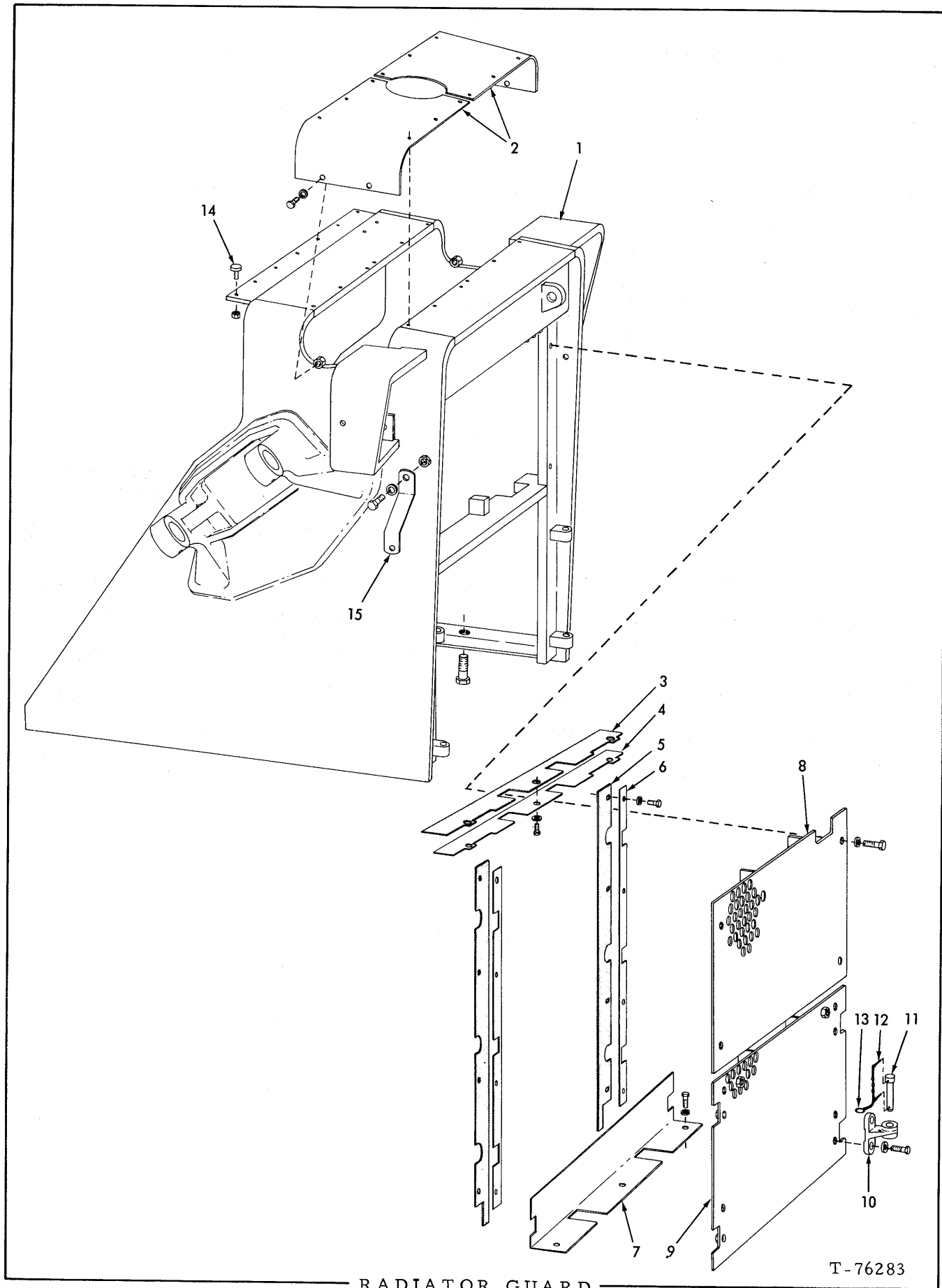
TRACK (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
5	0668446-8	160	176	-	SEAL
6	0643924-4	78	86	78	PIN
7	0644051-5	2	2	2	PIN, master
8	0679360-8	-	-	4	SPACER
9	0097282-8	320	352	320	BOLT, track shoe
10	0666583-0	320	352	320	NUT, track shoe bolt

TRACK SHOES

COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)

					*	**	***
					(40 links)	(44 links)	(40 links)
11	{	0656879-4	80	- -	SHOE, grouser, 16" . . .0667852-8	-----	0682028-6
		0659456-8	80	- 80	SHOE, grouser, 18" . . .0668334-6	-----	0679433-3
		0659460-0	80	- -	SHOE, grouser, 20" . . .0668337-9	-----	0682030-2
		0659476-6	80	- -	SHOE, grouser, 22" . . .0668310-6	-----	0682031-0
		0659488-1	-	88 -	SHOE, grouser, 24" . . .-----	0668397-3	0682032-8
		0659483-2	-	88 -	SHOE, grouser, 30" . . .-----	0668367-6	-----



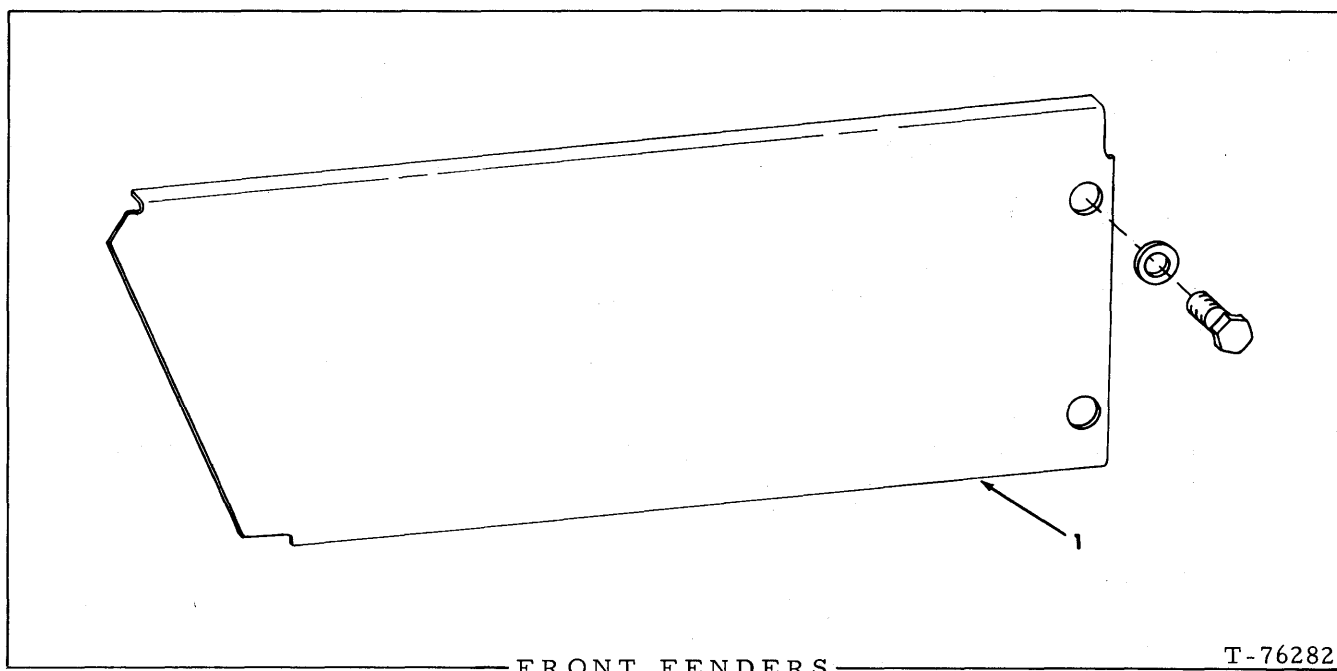
RADIATOR GUARD

T-76283

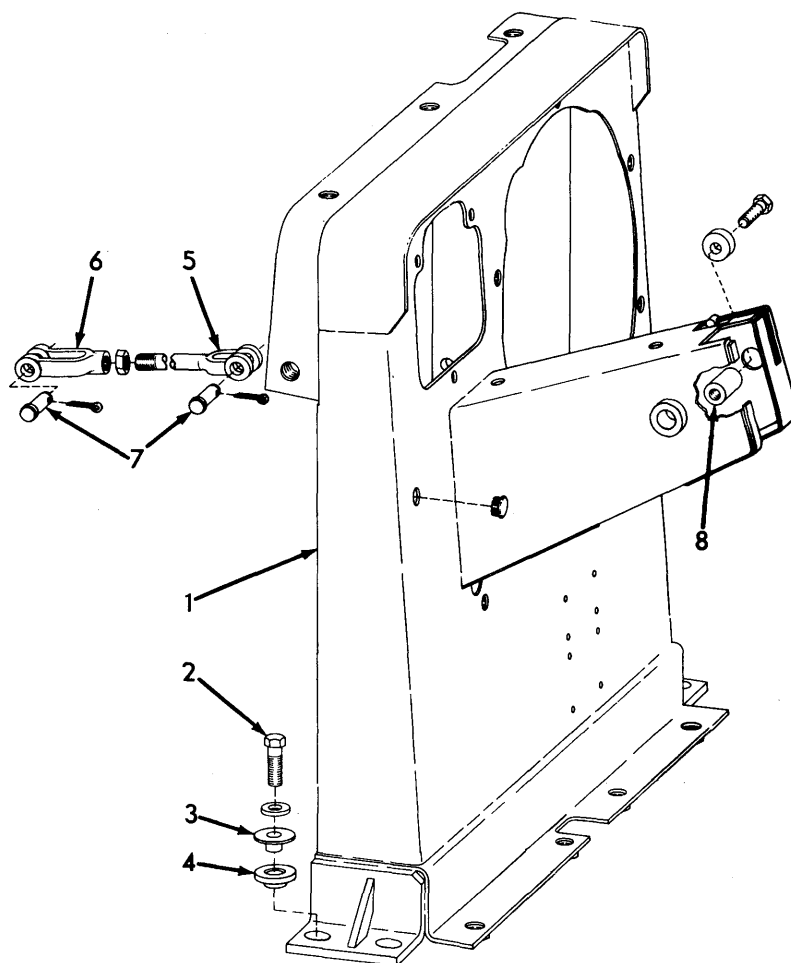
RADIATOR GUARD

ITEM	PART NO.	QTY.	DESCRIPTION
1	0671255	1	GUARD, radiator (For units without dozer)
	0675340	1	GUARD, radiator (For units with hydraulic dozer)
	0928498	12	CAPSCREW, 1" NC x 2-1/4"
	0926203	12	WASHER, plain
2	0678297	1	COVER, top closure, left
	0678298	1	COVER, top closure, right
	0922763	16	CAPSCREW, 3/8" NC x 1"
	0683421	16	WASHER, plain
3	0678862	1	BAFFLE, air, upper
4	0670898	1	BAFFLE, air, upper
	0922262	3	CAPSCREW, 3/8" NC x 7/8"
	0677006	3	WASHER, plain
5	0678173	2	BAFFLE, air, side
6	0678171	2	STRIP
	0922262	8	CAPSCREW, 3/8" NC x 7/8"
	0677006	8	WASHER, plain
7	0670899	1	BAFFLE, air, lower (Standard)
	0678375	1	BAFFLE, air, lower (Special. Used on units with hydraulic tilt)
	0921076	3	CAPSCREW, 3/8" NC x 1-1/4"
	0677006	3	WASHER, plain
8	0671245	1	GRILL, front closure, upper
	0926774	4	CAPSCREW, Nylok, 5/8" NC x 1-3/4"
	0677010	4	WASHER, plain
9	0671242	1	GRILL, front closure, lower
10	0667159	4	BRACKET, hinge, bottom closure plate
	0922509	8	CAPSCREW, Nylok, 1/2" NC x 1-3/4"
	0677008	8	WASHER, plain
11	0643124	4	PIN, hinge
12	0920570	4	PIN, hinge pin retaining
13	0643229	4	CHAIN ASSY., hinge pin (Serviced only as a unit)
14	0677885	6	BUTTON
	0917730	6	NUT, 1/4" NC
15	0660513	2	STRAP, cylinder tie-down (Used only when transporting tractor)
	0920574	2	CAPSCREW, 1/2" NC x 1-3/8"
	0677008	2	WASHER, plain

(Revised February 1974)



ITEM	PART NO.	QTY.	DESCRIPTION
1	0671251-7	1	FENDER, front, left
	0671252-5	1	FENDER, front, right
	0920582-4	4	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	4	WASHER, plain
	0922475-9	4	CAPSCREW, 3/4"NC x 1-1/2"
	0677012-7	4	WASHER, plain
			Tractors prior to unit # 17027
			Tractors unit # 17027 and up

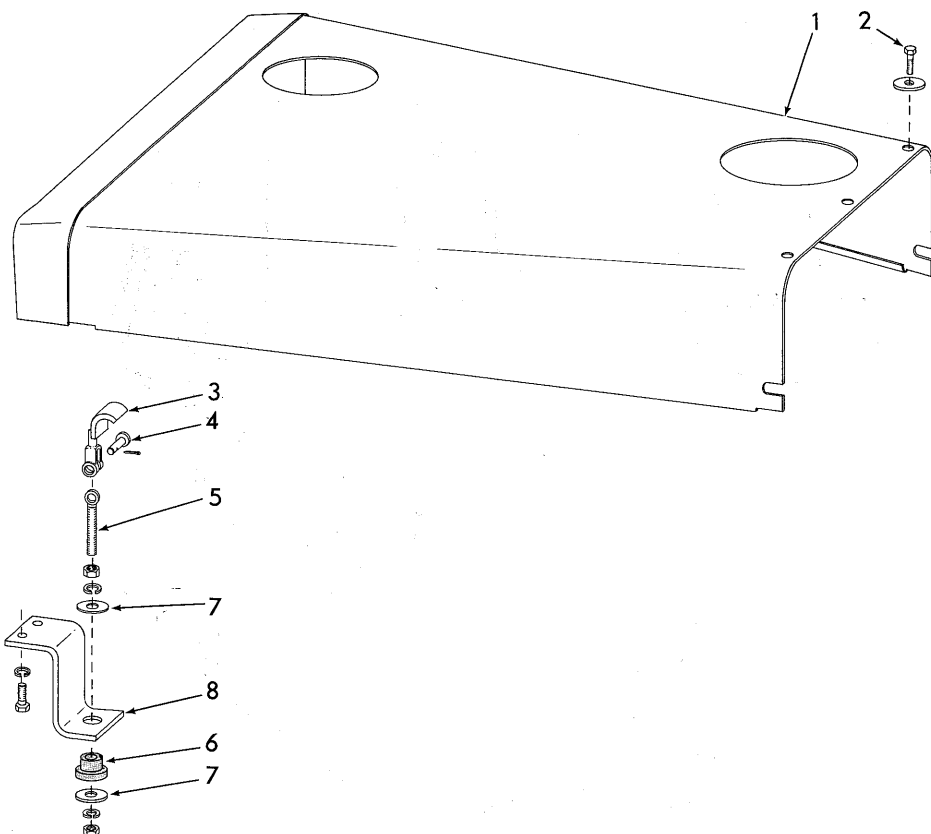


COWL

T-74937

ITEM	PART NO.	QTY.	DESCRIPTION
1	0674855	1	COWL (Tractors prior to unit #17033)
	0682641	1	COWL (Tractors unit #17033 and up)
	0917800	1	PLUG, button, 13/16" hole-diam. (Not used when ENGINE PRIMER is installed)
2	0921556	4	CAPSCREW, 1/2"NC x 1-3/4"
	0677008	4	WASHER, plain
3	0635209	4	COLLAR
4	0635210	4	BUSHING
5	0679943	1	ROD, cowl bracing
	0913830	1	NUT, jam, 1/2" NF
6	0917666	1	YOKE, cowl bracing
7	0917648	2	PIN, cowl bracing yoke
	0900806	2	PIN, cotter, 1/8" x 1"
8	0662517	1	BLOCK, lever stop (tapped)
	0920582	1	CAPSCREW, 1/2"NC x 1-1/4"
	0677008	1	WASHER, plain

NOTE: See PAINTING AND MARKING for transfers applied to cowl.



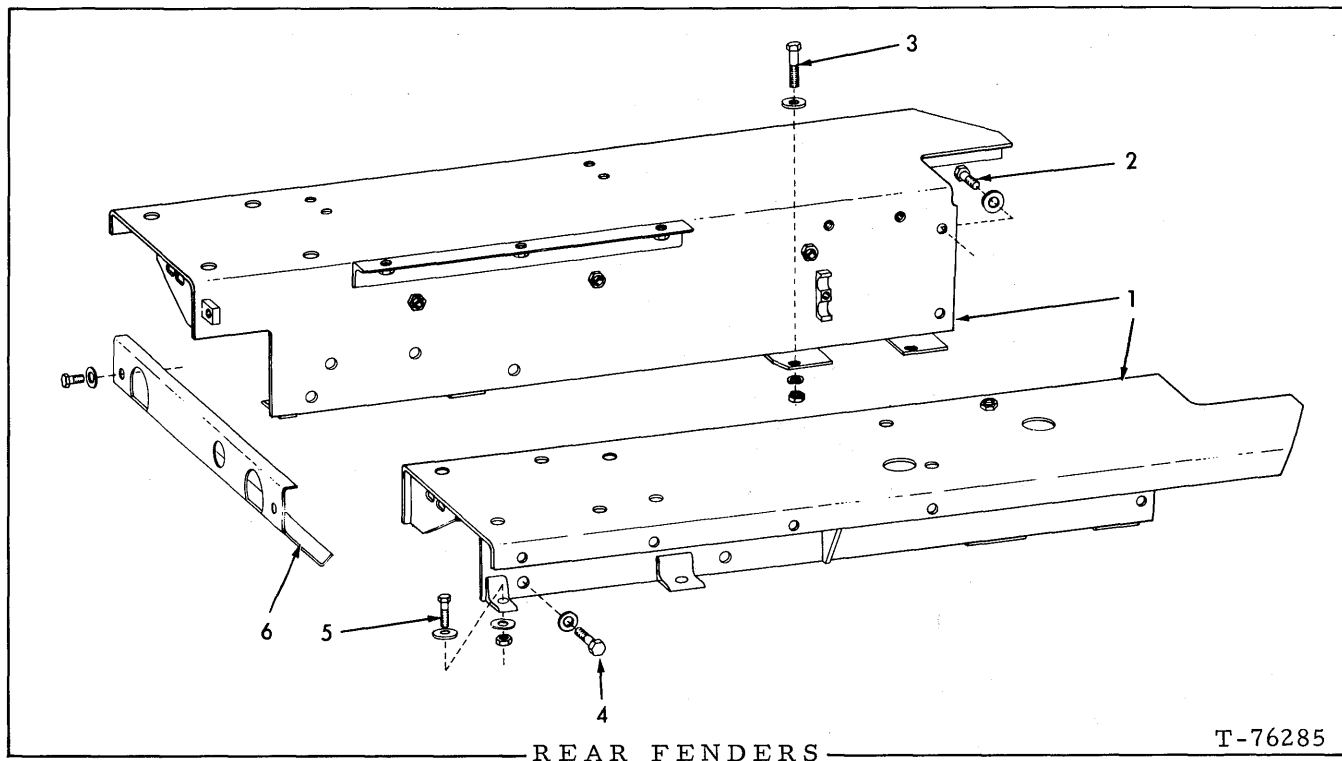
HOOD

T-76284

ITEM	PART NO.	QTY.	DESCRIPTION
1	0671915-7	1	HOOD, engine
	0676606-7	1	HOOD, engine (for units with optional oil-bath air cleaner)
2	0097494-9	5	CAPSCREW, Nylok, 1/2"NC x 1"
	0092163-5	5	WASHER, plain
3	0671249-1	2	HOOK, hold-down
4	0917648-8	2	PIN, pivot, hook
	0900806-1	2	PIN, cotter
5	0668541-6	2	ROD, hold-down hook
	0912441-3	2	LOCKWASHER, 1/2"
	0911028-9	2	NUT, 1/2"NC
	0928669-1	2	NUT, elastic stop, 1/2"NC
6	0642441-0	2	SNUBBER, vibration, hold-down
7	0628238-8	4	WASHER, snubber
8	0671254-1	2	BRACKET, mounting, hold-down
	0920582-4	4	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	4	LOCKWASHER, 1/2"

NOTE: See PAINTING AND MARKING for transfers

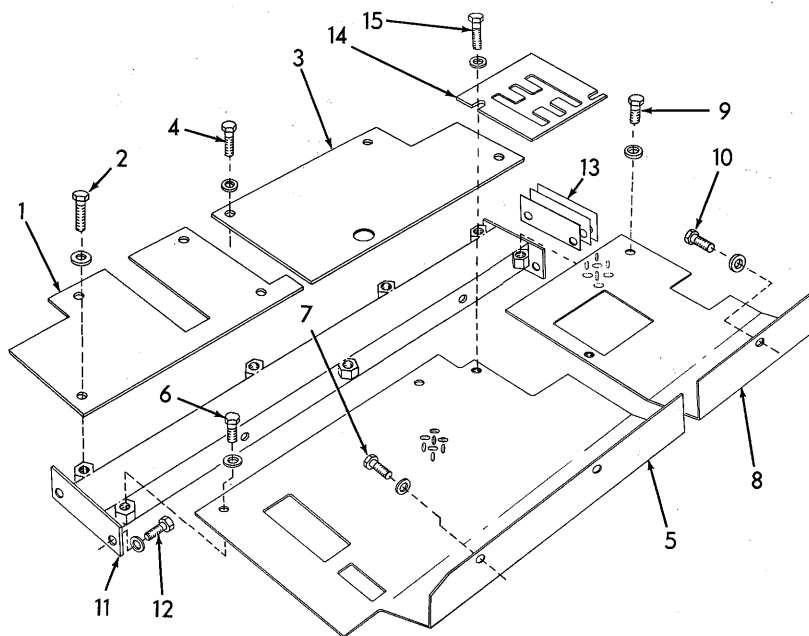
(Revised February 1974)



* Tractors prior to serial No. 16C17027
 ** Tractors serial No. 16C17027 and up

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	0672519-6	1 -	FENDER, left
	0683425-3	- 1	FENDER, left
	0672520-4	1 -	FENDER, right
	0683426-1	- 1	FENDER, right
2	0920583-2	4 -	CAPSCREW, 1/2"NC x 1-1/2"
	0925415-2	- 4	CAPSCREW, 3/4"NC x 1-3/4"
3	0922510-3	4 4	CAPSCREW, 1/2"NC x 2-3/4"
	0677008-5	8 4	WASHER, plain
	0677012-7	- 4	WASHER, plain
	0912441-3	4 4	LOCKWASHER, 1/2"
	0911028-9	4 4	NUT, 1/2"NC
4	0927544-7	8 8	CAPSCREW, Nylok, 5/8"NC x 1-1/2"
5	0921403-2	4 4	CAPSCREW, 5/8"NC x 2"
	0677010-1	16 16	WASHER, plain
	0911029-7	4 4	NUT, 5/8"NC
6	0678290-8	1 1	PLATE (Not used when ripper is installed)
	0922763-8	2 2	CAPSCREW, 3/8"NC x 1"
	0677006-9	2 2	WASHER, plain

(Revised October 1972)

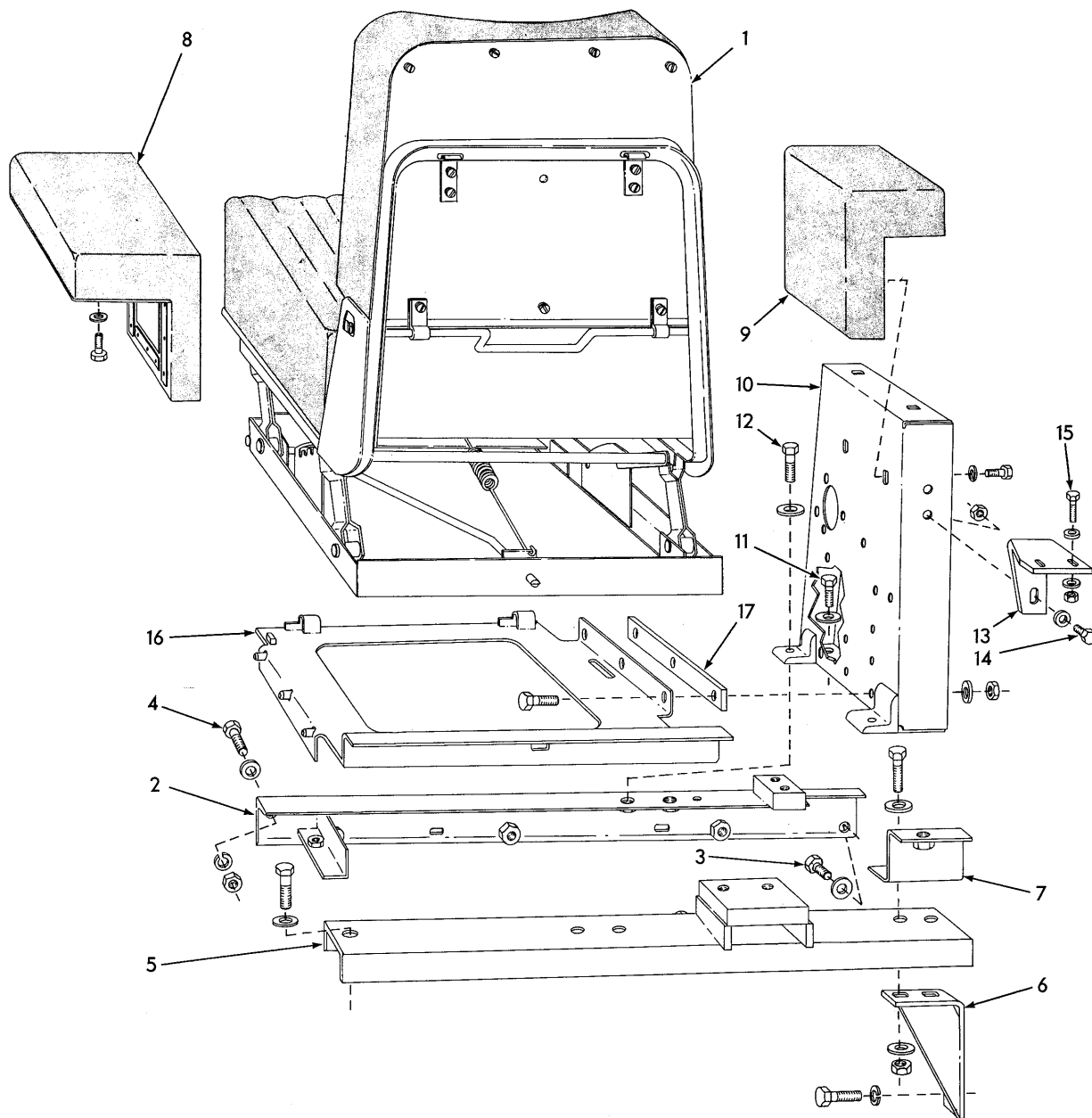


FLOOR

T-72465

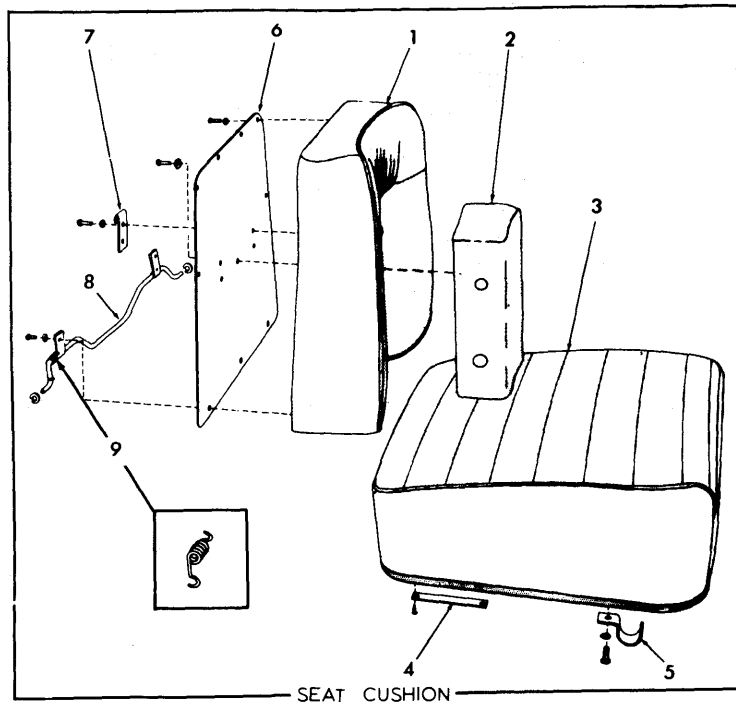
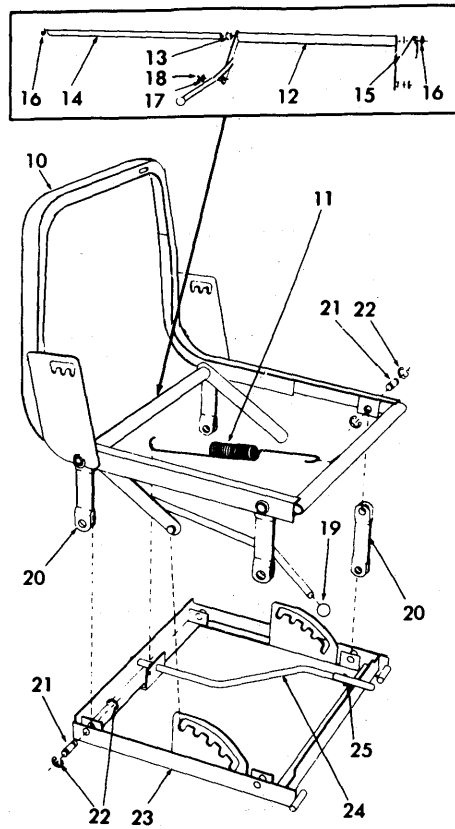
ITEM	PART NO.	QTY.	DESCRIPTION
1	0674810-7	1	PLATE, front, left section
2	0920582-4	4	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	4	WASHER, plain
3	0673469-3	1	PLATE, front, right section
4	0920582-4	3	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	3	WASHER, plain
5	0672646-7	1	PLATE, rear, left section
6	0920582-4	2	CAPSCREW, 1/2"NC x 1-1/4"
7	0920583-2	2	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	4	WASHER, plain
8	0673658-1	1	PLATE, rear, right section
9	0920582-4	1	CAPSCREW, 1/2"NC x 1-1/4"
10	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	2	WASHER, plain
11	0673698-7	1	CHANNEL, supporting
12	0921556-7	4	CAPSCREW, 1/2"NF x 2"
	0677008-5	4	WASHER, plain
13	0665790-2	1	SHIM, supporting channel (.134" thick)
	0665791-0	2	SHIM, supporting channel (.029" thick)
14	0673667-2	1	GUIDE, gear shift lever
15	0920585-7	2	CAPSCREW, 1/2"NC x 1-3/4"
	0677008-5	2	WASHER, plain

MEMO



SEAT

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	SEAT ASSY. (See page 185)
2	0673063-4	1	ANGLE, seat supporting, front
3	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
4	0922526-9	1	CAPSCREW, 1/2"NC x 2-1/2"
	0677008-5	2	WASHER, plain
	0912441-3	1	LOCKWASHER, 1/2"
	0911028-9	1	NUT, 1/2"NC
5	0673069-1	1	CHANNEL, seat supporting, rear
	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	1	WASHER, plain
6	0660680-0	1	BRACKET, channel supporting
	0920583-2	2	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	2	LOCKWASHER, 1/2"
7	0672353-0	1	ANGLE (Not used on units equipped with dozer)
	0921556-7	2	CAPSCREW, 1/2"NC x 2"
	0677008-5	4	WASHER, plain
	0911028-9	2	NUT, 1/2"NC
8	0632179-8	1	CUSHION, arm rest, left side
	0927008-5	4	CAPSCREW, 3/8"NF x 1"
	0920743-2	4	WASHER, plain
9	0632188-9	1	CUSHION, arm rest, right side
	0927008-5	4	CAPSCREW, 3/8"NF x 1"
	0920743-2	4	WASHER, plain
10	0666627-5	1	SUPPORT, right arm rest cushion
11	0920582-4	2	CAPSCREW, 1/2"NC x 1-1/4"
12	0920583-2	2	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	4	WASHER, plain
13	0672355-5	1	ANGLE, bracing, right arm rest support
14	0922763-8	2	CAPSCREW, 3/8"NC x 1"
15	0921076-6	2	CAPSCREW, 3/8"NC x 1-1/4"
	0677006-9	6	WASHER, plain
	0911026-3	4	NUT, 3/8"NC
16	0680690-5	1	SUPPORT, seat
	0920583-2	3	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	3	WASHER, plain
	0911028-9	3	NUT, 1/2"NC
17	0666240-7	1	PLATE
18	0680080-9	1	BELT, safety (Special equipment. Not illustrated)



SEAT ASSEMBLY

T-71877

SEAT ASSEMBLY

USAGE: See page 183

ITEM	PART NO.	QTY.	DESCRIPTION
-	0659093-9	1	SEAT ASSY. (Includes items 1 thru 25)
1	0638422-6	1	CUSHION, back (outside section)
	0642499-8	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
2	0638421-8	1	CUSHION, back (center section)
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
	0642498-0	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
3	0659102-8	1	CUSHION ASSY., seat (Includes item 4)
	0642500-3	1	COVER, slip, seat cushion (Includes fastenings)(Not original equipment)
4	0638431-7	2	PLATE, bearing, seat cushion
	-----	4	SCREW, wood, fl-hd., #8 x 1/2" (Procure locally)
5	0638432-5	2	BRACKET, pivot, seat cushion
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
6	0650143-1	1	PLATE, reinforcing, back cushion
	0916532-5	8	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	8	LOCKWASHER, ext-tooth, 1/4"
7	0650132-4	2	BRACKET, retaining, back cushion
	0916532-5	4	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	4	LOCKWASHER, ext-tooth, 1/4"
8	0650141-5	1	ROD ASSY., back cushion adjustment (Includes mounting clips)
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
	0928197-3	2	RING
9	0650137-3	1	SPRING, back cushion adjustment rod
10	0650144-9	1	FRAME, seat
11	0650138-1	1	SPRING, retracting, seat frame
12	0650142-3	1	LATCH, seat adjustment
13	0650146-4	2	BEARING, seat adjustment latch
14	0650136-5	1	SHAFT, seat adjustment latch
15	0650135-7	1	SPRING, seat adjustment latch
16	0638351-7	2	RING, snap, seat adjustment latch shaft
17	0188436-0	2	WASHER, seat adjustment latch
18	0650147-2	2	RING, snap, seat adjustment latch
19	0650133-2	1	KNOB, seat adjustment latch
20	0650139-9	4	LINK, suspension, seat frame
21	0650131-6	6	PIN, seat frame suspension link
22	0638351-7	12	RING, snap, suspension link pin
23	0650145-6	1	FRAME ASSY., base (Includes items 24 and 25)
24	0650140-7	1	ROD, seat release
	0188436-0	1	WASHER, plain
	0924169-6	2	PIN, groove, 1/8" x 1"
25	0650134-0	1	SPRING, seat release rod

PAINTING AND MARKING
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
<u>NOTE:</u> Approximately 5 gallons paint required for spraying			
1	0925109-1	-	ENAMEL, A-C yellow, quart can
2	0925110-9	-	ENAMEL, A C yellow, gallon can
3	0925108-3	-	ENAMEL, A-C yellow, 12 oz. pressurized spray-type can
<u>NOTE:</u> All plates and transfers listed below are English language printings unless otherwise indicated.			
4	0677348-5	1	PLATE, lubrication and service guide (7" x 10")(Attached to front of battery box)
	0677354-3	1	PLATE, lubrication and service guide (multi-language, 7" x 12-7/8")(Attached to front of battery box)
	0034076-0	4	SCREW, thd-cutting, cross-recessed-hd., #8 x 1/2" (2 additional required for multi-language plates)
5	0059698-1	1	PLATE, gear shift positions (2-5/8" x 3-1/2". Attached to dash)
	0034076-0	4	SCREW, thd-cutting, cross-recessed-hd., #8 x 1/2"
6	0677914	2	TRANSFER, instruction, fuel filter (2-1/4" x 3-7/8") (Applied to fuel filter)
7	0666497-3	1	TRANSFER, instruction, engine operation (2-1/4" x 4-1/2") (Applied to top of steering lever housing)
8	0621343-3	1	TRANSFER, instruction, oil filter (2-5/16" x 3-1/4") (Applied to engine oil filter)
9	0659539-1	1	TRANSFER, warning, by-pass oil filter (Includes Portuguese translation, 2" x 10")(Applied to filter)
	0659538-3	1	TRANSFER, warning, by-pass oil filter (French and Spanish translations, 2" x 10")(Applied to filter)
10	0632226-7	1	TRANSFER, instruction, steering pressure line oil filter (1-3/4" x 2-1/4")(Applied to filter)
11	0621342-5	1	TRANSFER, instruction, engine primer (1-3/4" x 6")(Applied to dash)
12	0659430-3	1	TRANSFER, instruction, dry-type air cleaner (2-1/2" x 5") (Applied to air stack)
13	0656642-6	1	TRANSFER, instruction, oil-bath air cleaner (1-1/2" x 3-3/4") (Applied to cleaner)
14	0661225-3	3	TRANSFER, "HD11" (Applied to side of battery box, rear of fuel tank on units without ripper and side of hydraulic tank or tool box)

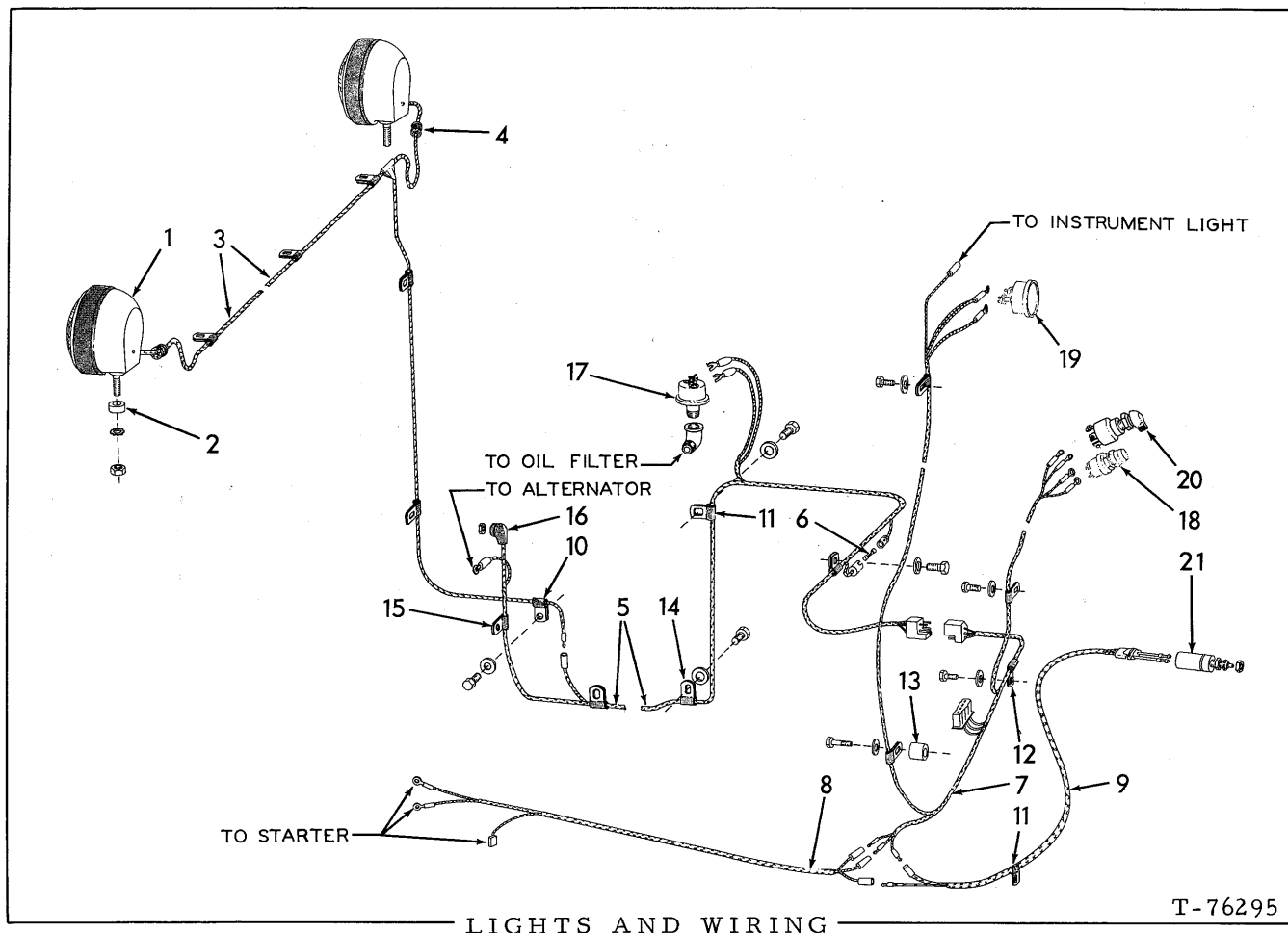
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PAINTING AND MARKING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
15	0666405-6	5	TRANSFER, "SERIES B" (1-1/4" x 8-1/8")(Applied to side of radiator guard, side of battery box, rear of fuel tank and side of hydraulic tank or tool box)
16	0924550-7	3	TRANSFER "ALLIS-CHALMERS" (1-7/8" x 30")(Applied to sides of hood and front of radiator guard)
17	0924552-3	1	TRANSFER, "ALLIS-CHALMERS" (2-3/8" x 39")(Applied to rear of fuel tank)
18	0924320-5	1	TRANSFER, trademark (6-3/4", black and orange)
	0924541-6	1	TRANSFER, trademark (6-3/4", white)(Optional)
19	0924306-4	2	TRANSFER, trademark (7-3/4", black and orange) (One additional applied to rear of fuel tank on units equipped with ripper)
	0924463-3	2	TRANSFER, trademark (7-3/4", white)(Optional)

Applied to rear of fuel tank

Applied to sides of radiator guards



USAGE: Units with standard 20 amp. alternator

ITEM	PART NO.	QTY.	DESCRIPTION
1	0621429-0	2	* LIGHT ASSY., head (See page 192)
	0910210-4	2	LOCKWASHER, ex-tooth, 1/2"
	0911043-8	2	NUT, 1/2"NF
2	0064531-7	2	* SPACER, head light
3	0649733-3	1	* CABLE, head light
4	0087855-3	2	* GROMMET, head light cable
5	0660173-6	1	HARNESS, wiring, front section (Includes item 6)
	0917376-6	1	NUT, #12NC (Attaches harness to alternator)
6	0208960-5	1	FUSE, cartridge type, 1/4", 20 amperes
7	0660174-4	1	HARNESS, wiring, intermediate section
8	0660175-1	1	HARNESS, wiring, starter to intermediate harness
9	0670318-5	1	HARNESS, wiring, rear section

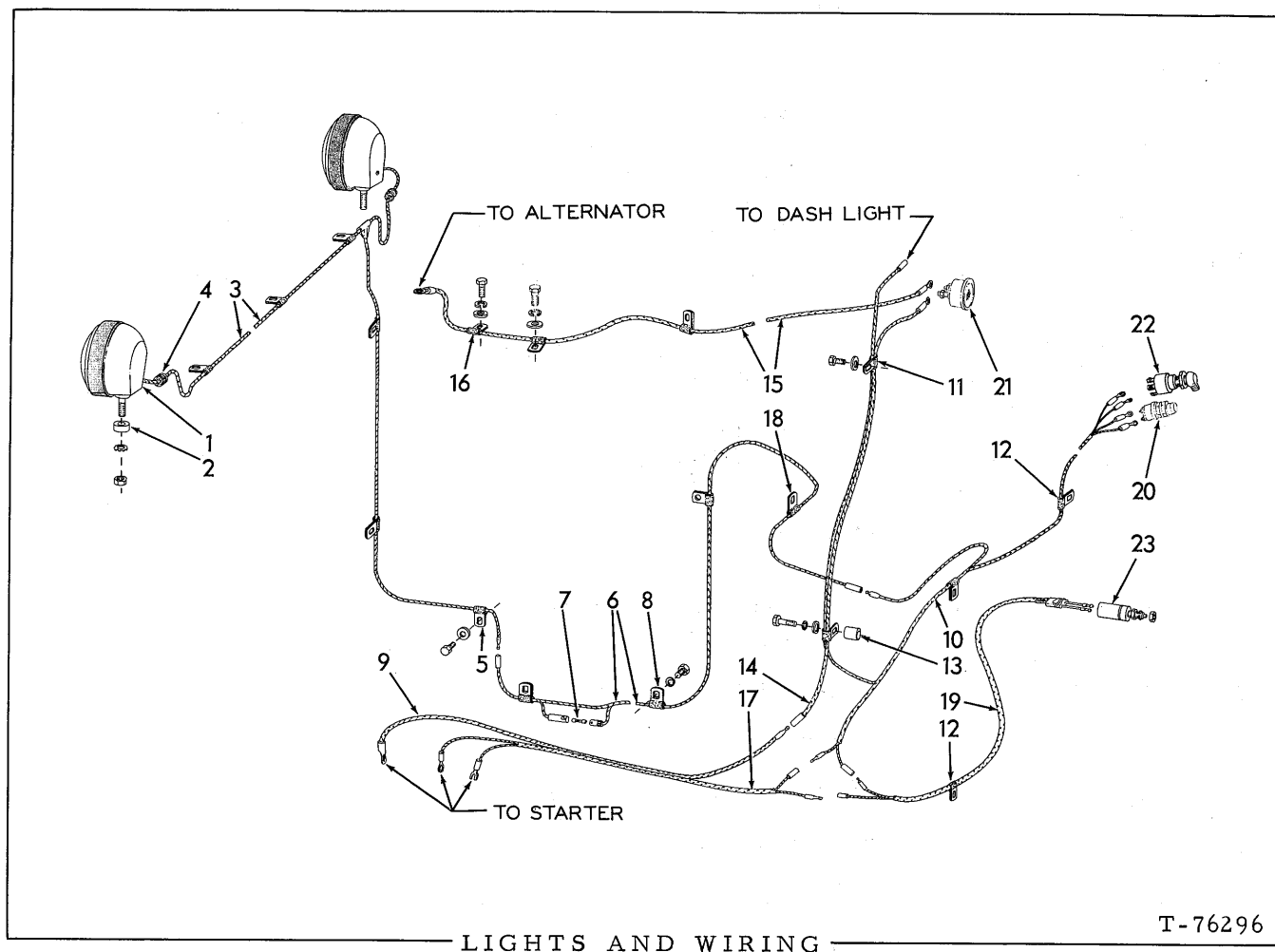
* Special Equipment

(Continued)

LIGHTS AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	0639388	6	*CLIP, head light cables (1/8" diam., 13/32" bolt-hole)
	0927400	1	CAPSCREW, 3/8"NC x 5/8"
	0677006	1	WASHER, plain
11	0639314	7	CLIP, wiring harness (3/8" diam., 13/32" bolt-hole)
	0640676	5	CLIP, wiring harness (5/16" diam., 13/32" bolt-hole)
	0922300	4	CAPSCREW, 3/8"NC x 3/4"
	0921565	1	CAPSCREW, 3/8"NC x 1-1/2"
	0677006	5	WASHER, plain
12	0622161	1	CLIP, wiring harness
	0922300	1	CAPSCREW, 3/8"NC x 3/4"
	0677006	1	WASHER, plain
13	0044721	1	SPACER
14	0640675	3	CLIP, wiring harness
	0927219	1	CAPSCREW, 1/2"NC x 3/4"
	0677008	1	WASHER, plain
15	0640677	1	CLIP, wiring harness
16	0667579	1	BOOT, protecting, alternator terminal
17	0660694	1	SWITCH, pressure, alternator cut-off
18	-----	-	SWITCH, starter (See STARTER)
19	-----	-	AMMETER (See INSTRUMENTS)
20	0661345	1	SWITCH, lights
21	0631844	1	SWITCH, safety

*Special Equipment



USAGE: Units with optional 50 amp. alternator

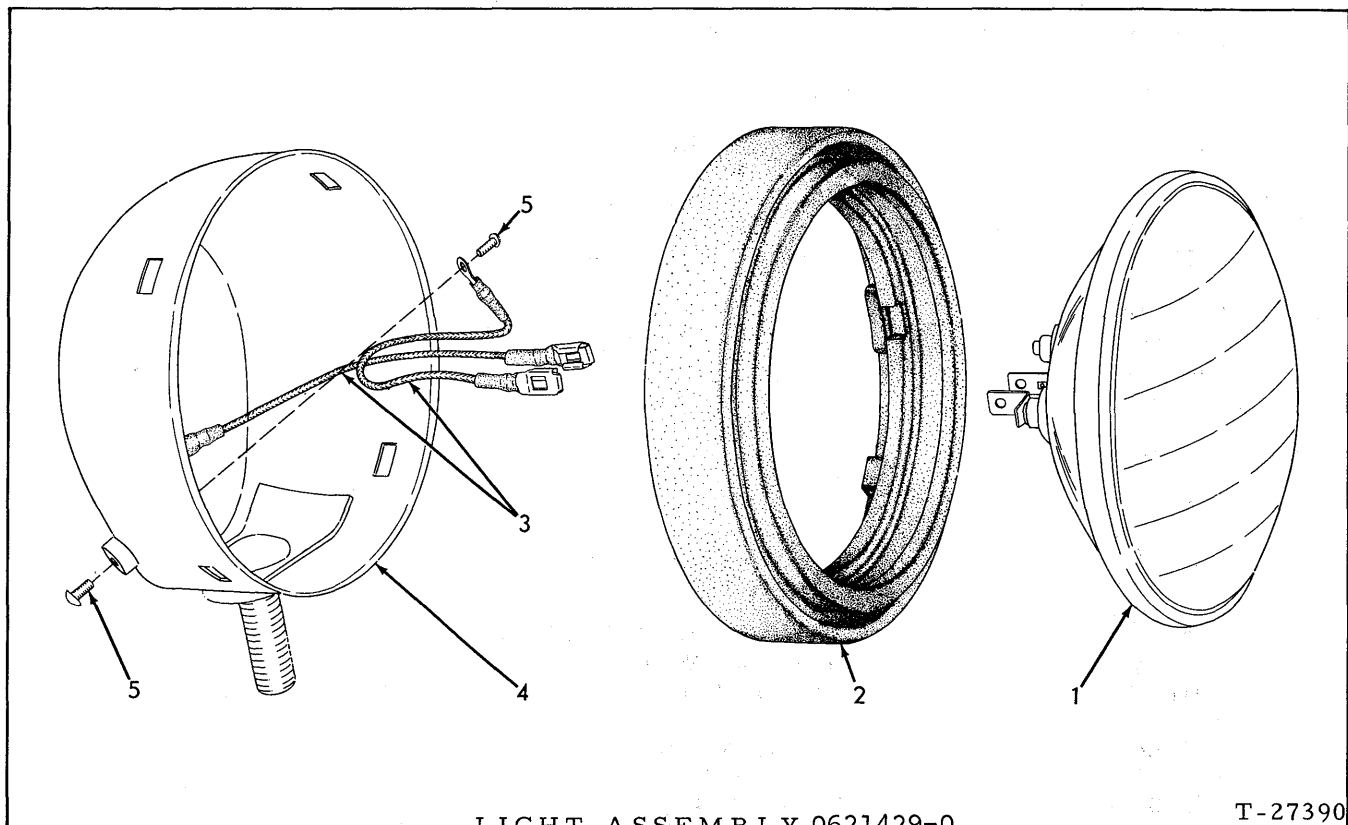
ITEM	PART NO.	QTY.	DESCRIPTION
1	0621429-0	2	* LIGHT ASSY., head (See page 192)
	0910210-4	2	LOCKWASHER, ext-tooth, 1/2"
	0911043-8	2	NUT, 1/2"NF
2	0064531-7	2	* SPACER, head light
3	0649733-3	1	* CABLE, head light
4	0087855-3	2	* GROMMET, head light cable
5	0639388-8	6	* CLIP, head light cable
	0927400-2	1	CAPSCREW, 3/8"NC x 5/8"
	0677006-9	1	WASHER, plain
6	0668649-7	1	HARNESS ASSY., wiring (Includes item 7)
7	0208960-5	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 ampers
8	0640704-3	3	CLIP, wiring harness
	0927219-6	1	CAPSCREW, 1/2"NC x 3/4"
	0677008-5	1	WASHER, plain

* Special Equipment

(Continued)

LIGHTS AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	0668650-5	1	CABLE
10	0668647-1	1	HARNESS, wiring
11	0637741-0	2	CLIP, wiring harness
	0922300-9	1	CAPSCREW, 3/8"NC x 3/4"
	0677008-9	1	WASHER, plain, SAE std., 3/8"
12	0639314-4	4	CLIP, wiring harness
	0922300-9	2	CAPSCREW, 3/8"NC x 3/4"
	0921565-8	1	CAPSCREW, 3/8"NC x 1-1/2"
	0677006-9	3	WASHER, plain
13	0044721-9	1	SPACER
14	0668651-3	1	CABLE
15	0668652-1	1	CABLE, ammeter to alternator
16	0654655-0	3	CLIP, cable
	0921175-6	1	CAPSCREW, 1/2"NC x 1"
	0912441-3	1	LOCKWASHER, 1/2"
	0910244-3	2	WASHER, plain, SAE std., 1/2"
17	0668648-9	1	HARNESS, wiring
18	0639388-8	2	CLIP, wiring harness
	0922300-9	2	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	2	WASHER, plain, SAE std., 3/8"
19	0670318-5	1	HARNESS, wiring, rear section
20	-----	-	SWITCH, starter (See STARTER)
21	-----	-	AMMETER (See INSTRUMENTS)
22	0661345-9	1	SWITCH, lights
23	0631844-8	1	SWITCH, safety



LIGHT ASSEMBLY 0621429-0

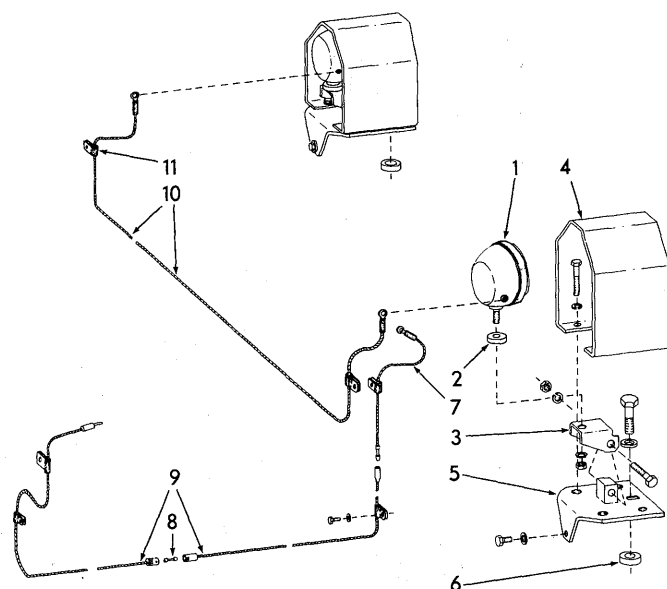
T-27390

USAGE: See page 188, 190 and 193

ITEM	PART NO.	QTY.	DESCRIPTION
------	----------	------	-------------

NOTE: Quantities indicated are for one (1) light only

1	0182763-3	1	SEALED BEAM (24 volt)
2	0621428-2	1	RETAINER (rubber)
3	0621724-4	2	CABLE, sealed beam (Includes terminals)
4	-----	1	BODY ASSY. (Not serviced separately)
5	0912731-7	2	SCREW, terminal (#8-32NC x 5/16")

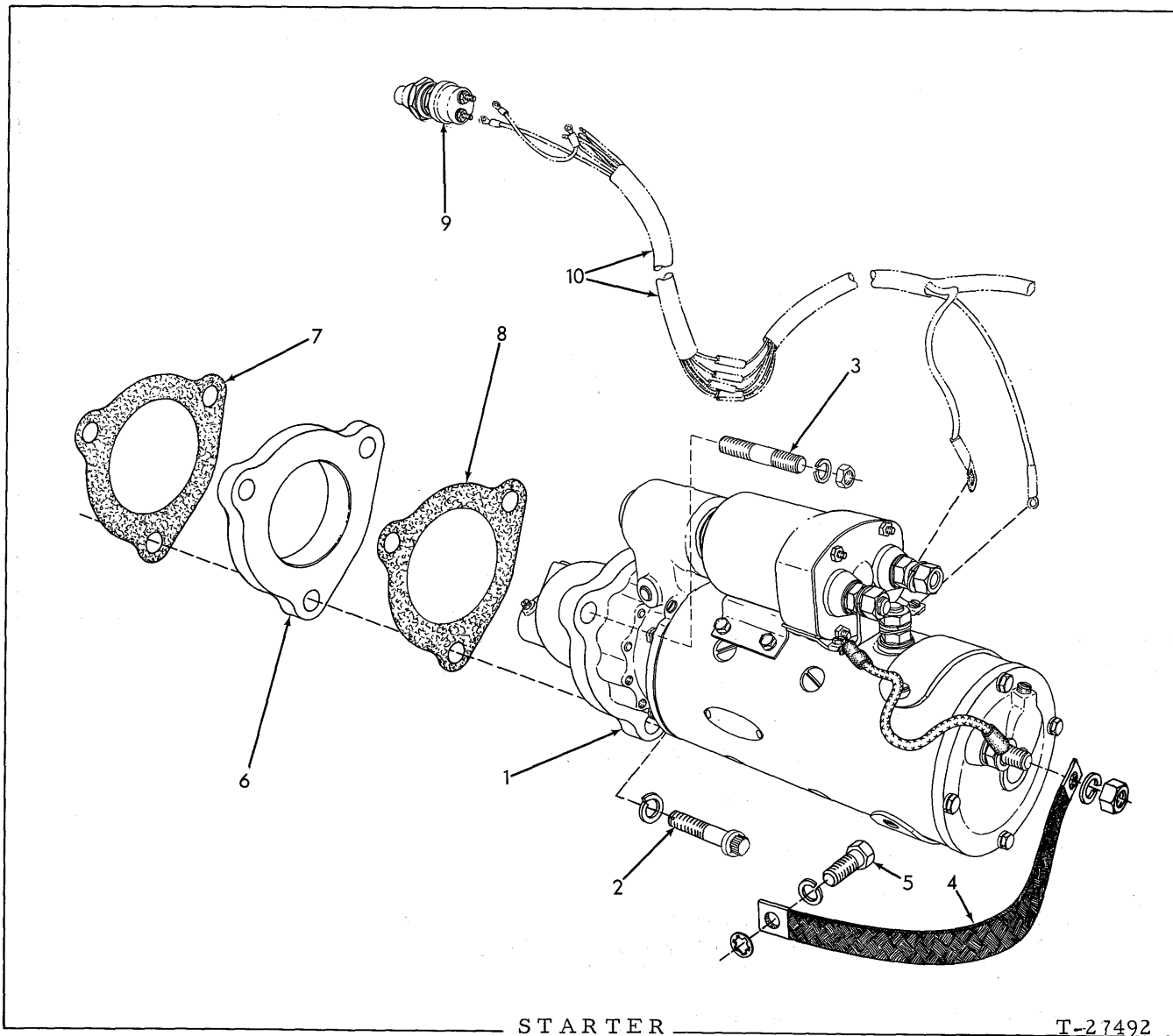


REAR FLOOD LIGHT

T-76294

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0621429-0	2	LIGHT ASSY. (See page 192)
	0910210-4	2	LOCKWASHER, ex-tooth, 1/2"
	0911043-8	2	NUT, 1/2"NF
2	0061528-6	2	BOSS
3	0076140-3	2	BRACKET, mounting
	0928043-9	2	CAPSCREW, 5/8"NC x 3-1/2"
	0912942-0	2	LOCKWASHER, 5/8"
	0911029-7	2	NUT, 5/8"NC
4	0670774-9	2	GUARD, flood light
	0927172	8	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	8	LOCKWASHER, 3/4"
5	0678242-9	2	BRACKET, guard mounting
	0922300-9	2	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	2	WASHER, plain
	0921068-3	2	CAPSCREW, 3/4"NC x 2-1/4"
	0677012-7	2	WASHER, plain
6	0635831-1	2	BLOCK, spacing
7	0068367-2	1	CABLE, rear section (9" long)
8	0208960-5	1	FUSE, cartridge type (1/4" x 1-1/4", 20 amperes)
9	0655438-0	1	CABLE ASSY., front section (114" long. Includes item 8)
10	0091181-8	1	CABLE, light connecting (48" long)
11	0639388-8	6	CLIP, cable
	0927400-2	1	CAPSCREW, 3/8"NC x 5/8"
	0677006-9	1	WASHER, plain



STARTER

T-27492

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	MOTOR, starting (Delco-Remey No. 111 3900)(Original equipment; Order MOTOR 4387529-3)
	4387529-3	1	MOTOR, starting (Delco-Remey No. 1113898)(Service replacement)
2	0926775-8	2	CAPSCREW, Nylok, 5/8"NC x 2-1/2"
3	0648262-4	1	STUD, Nylok, 5/8"NF x 3-1/8"
	0911044-6	1	NUT, 5/8"NF
	0912942-0	3	LOCKWASHER, 5/8"
NOTE: Order starting motor parts from local United Motors Service agency.			
4	0623545-1	1	STRAP, starter to ground
5	0927172-7	1	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	1	LOCKWASHER, 1/2"
	0906961-8	1	LOCKWASHER, int-tooth 1/2"
6	0621278-1	1	ADAPTER, starting motor

STARTER (Continued)

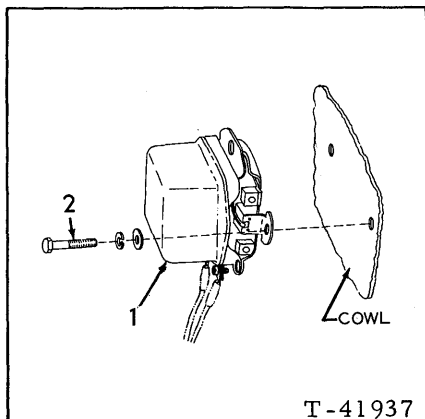
ITEM	PART NO.	QTY.	DESCRIPTION
7	0620420-0	1	GASKET, starting motor adapter
8	0620366-5	1	GASKET, starting motor
9	0240962-1	1	SWITCH ASSY., push button (Includes mounting nut)
10	-----	1	WIRING HARNESS (See LIGHTS AND WIRING)

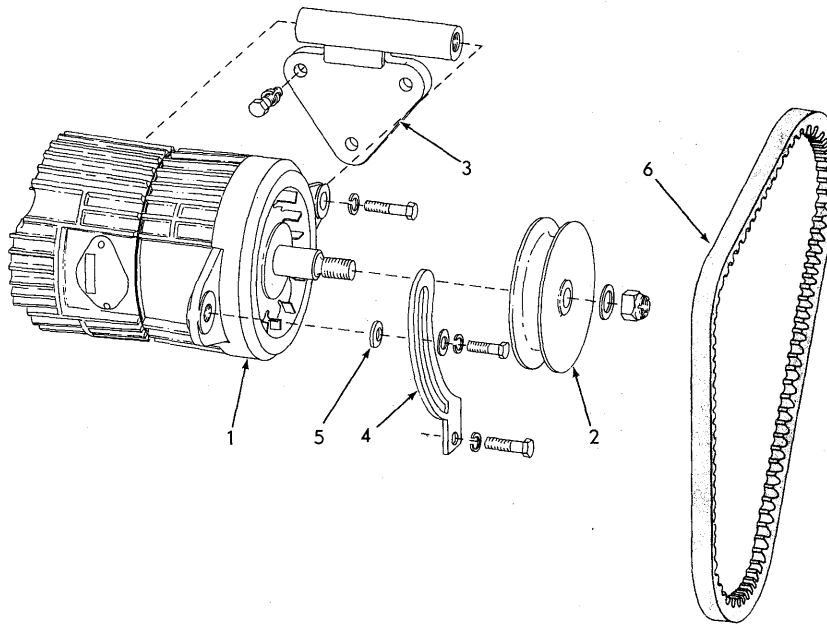
REGULATOR

USAGE: Units with 20 amp. alternator only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0650944-2	1	REGULATOR, voltage and current
2	0927541-3	2	CAPSCREW, 1/4"NC x 3/4"
	0910285-6	2	LOCKWASHER, 1/4"
	0911114-7	2	WASHER, plain, SAE std., 1/4"

NOTE: Procure regulator service
from local United Motors
Service agency.



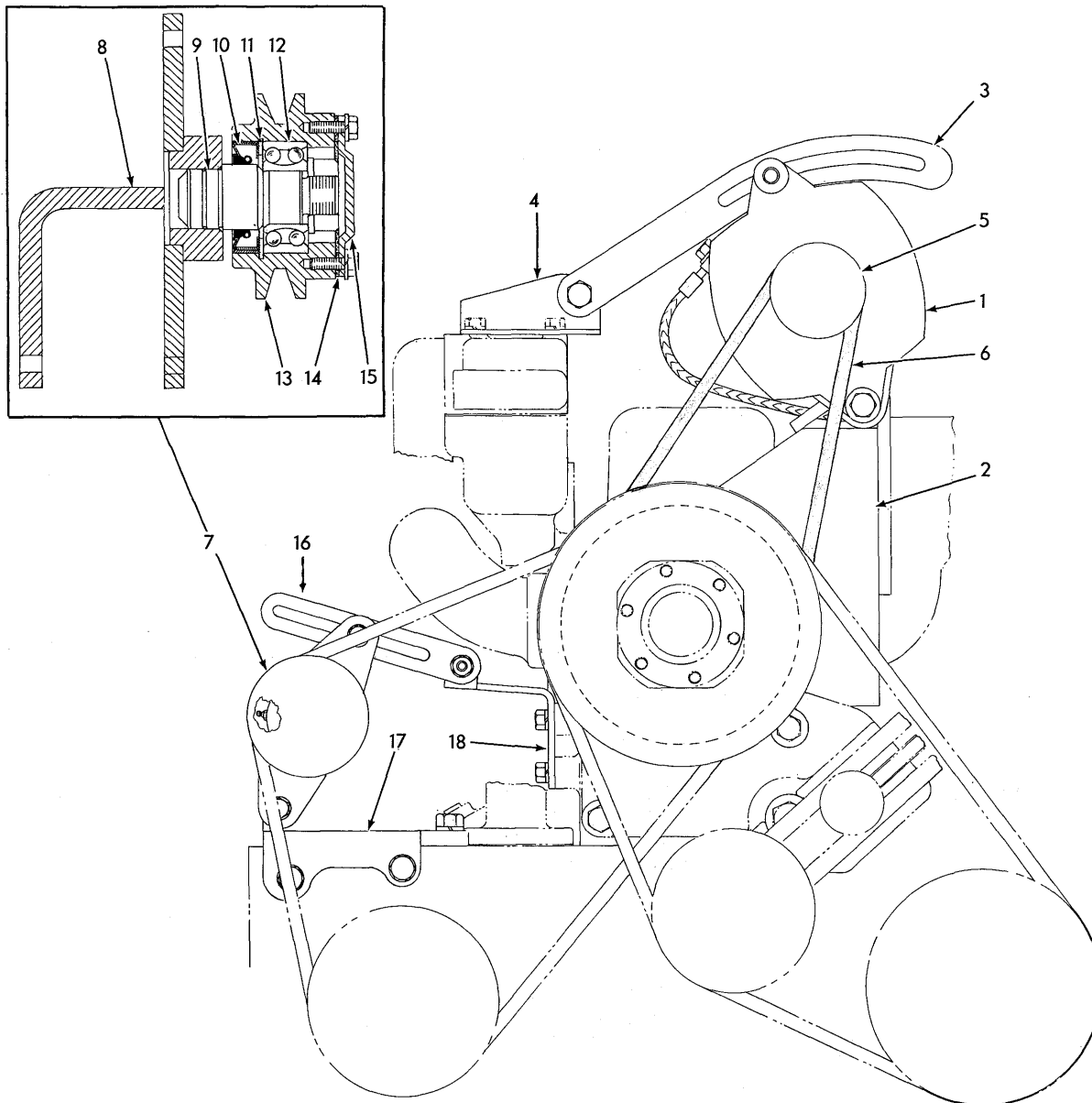


ALTERNATOR

T-76292

USAGE: Standard equipment. 20 amp capacity

ITEM	PART NO.	QTY.	DESCRIPTION
1	0660144-7	1	ALTERNATOR ("Delco-Remy" #1100062)(Order parts from local "United Motors Service" agency)
	0915987-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0916313-0	1	CAPSCREW, 1/2"NC x 1-3/4"
	0904208-6	2	LOCKWASHER, 1/2"
2	4359774-9	1	PULLEY
3	4359627-9	1	BRACKET, alternator mounting
	0919224-6	3	CAPSCREW, 3/8"NC x 1-1/8"
	0904206-0	3	LOCKWASHER, 3/8"
4	4359608-9	1	BRACKET, belt adjustment
	0916310-6	1	CAPSCREW, 1/2"NC x 1"
	0915987-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0910244-3	1	WASHER, plain, SAE std., 1/2"
	0904208-6	2	LOCKWASHER, 1/2"
5	4513803	1	WASHER, spacing
6	4359799-6	1	BELT, water pump and alternator drive



ALTERNATOR

T-76291

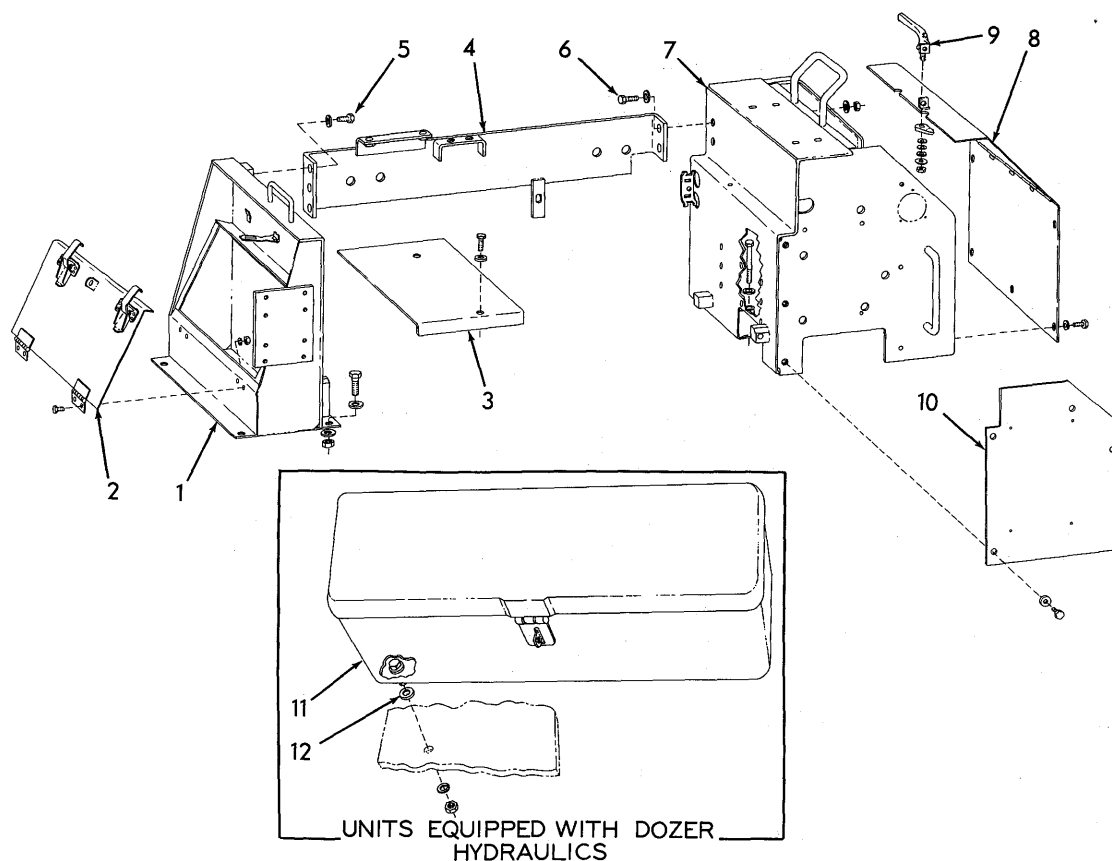
USAGE: Optional equipment. 50 amp capacity

ITEM	PART NO.	QTY.	DESCRIPTION
1	0662020-7	1	ALTERNATOR ("Delco-Remy" #1117226)(Order parts from local "United Motors Service" agency)
	0915987-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0916313-0	1	CAPSCREW, 1/2"NC x 1-3/4"
	0904208-6	2	LOCKWASHER, 1/2"
2	0668640-6	1	BRACKET, alternator mounting
	0927531-4	4	CAPSCREW, 7/16"NC x 2"
	0904207-8	4	LOCKWASHER, 7/16"NC

(Continued)

ALTERNATOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	0667224-0	1	STRAP, belt adjustment
	0920582-4	1	CAPSCREW, 1/2"NC x 1-1/4"
	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0912441-3	2	LOCKWASHER, 1/2"
	0910244-3	3	WASHER, plain, SAE std., 1/2"
	0911028-9	1	NUT, 1/2"NC
4	0668645-5	1	ANGLE, strap support bracket
5	0678709-7	1	PULLEY
6	4338863-6	1	BELT, alternator drive
7	4338795-0	1	IDLER ASSY. (Includes items 8 thru 15)
	0921566-6	2	CAPSCREW, 5/16"NC x 1"
	0910286-4	2	LOCKWASHER, 5/16"
8	4338796-8	1	BRACKET ASSY., mounting (Includes item 9)
	0914465-0	1	FITTING, lubricating, straight, 1/8"NPT
9	-----	1	SHAFT (Order item #8)
	0910819-2	1	WASHER, plain
	0917626-4	1	NUT, 3/4"NF
10	4254670-5	1	SEAL
11	4254100-3	1	RING, retaining
12	4255031-9	1	BEARING, ball
13	4387294-4	1	PULLEY, idler
14	4347752-0	1	GASKET
15	4347751-2	1	COVER
	0905656-5	4	CAPSCREW, 1/4"NC x 5/8"
	0904204-5	4	LOCKWASHER, 1/4"
16	0668646-3	1	STRAP, belt adjustment
	0922925-3	1	CAPSCREW, 5/16"NC x 3/4"
	0921566-6	1	CAPSCREW, 5/16"NC x 1"
	0910335-9	1	WASHER, plain
	0910286-4	2	LOCKWASHER, 5/16"
	0910323-5	2	NUT, 5/16"NC
17	0668638-0	1	BRACKET, idler mounting
	0921175-6	3	CAPSCREW, 1/2"NC x 1"
	0912441-3	3	LOCKWASHER, 1/2"
18	4338268-8	1	BRACKET, strap supporting
	0922763-8	2	CAPSCREW, 3/8"NC x 1"
	0904206-0	2	LOCKWASHER, 3/8"



BATTERY AND TOOL BOXES

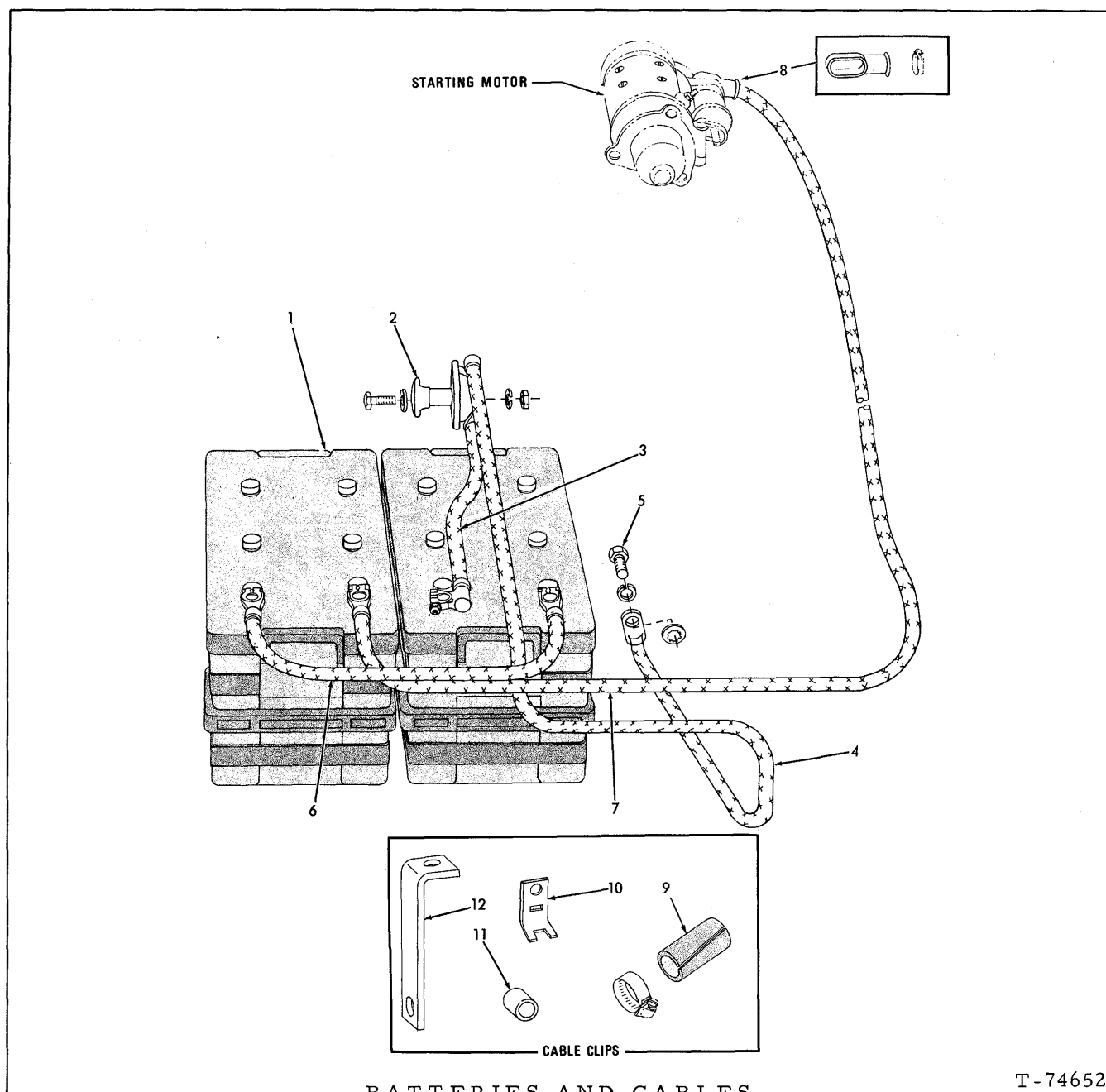
T-76287

ITEM	PART NO.	QTY.	DESCRIPTION
1	0672205-2	1	BOX, tool (Not used on unit equipped with dozer)
	0922743-0	4	CAPSCREW, 3/4"NC x 2"
	0677012-7	8	WASHER, plain
	0911030-5	4	NUT, 3/4"NC
			} 2 less used on units equipped with dozer
2	0643369-2	1	COVER, tool box
	0922300-9	4	CAPSCREW, 3/8"NC x 3/4"
	0910287-2	4	LOCKWASHER, 3/8"
	0911026-3	4	NUT, 3/8"NC
			} Not used on units equipped with dozer
3	0672349-8	1	PLATE (Not used on units equipped with dozer)
	0920582-4	2	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	2	WASHER, plain
4	0672541	1	SUPPORT, cross
5	0920583	3	CAPSCREW, 1/2"NC x 1-1/2"
6	0920585	2	CAPSCREW, 1/2"NC x 1-3/4"
	0047063	7	WASHER, plain
	0912441	5	LOCKWASHER, 1/2"
	0911028	2	NUT, 1/2"NC
7	0658134-2	1	BOX, battery
	0921567-4	3	CAPSCREW, 1/2"NC x 4"
	0677008-5	3	WASHER, plain
8	0666379-3	1	COVER, battery box
	0922763-8	5	CAPSCREW, 3/8"NC x 1"
	0677006-9	5	WASHER, plain

(Continued)

BATTERY AND TOOL BOXES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
9	0650901-2	1	LOCK ASSY., battery box cover (Serviced only as a unit)	
	0911115-4	2	WASHER, plain, SAE std., 3/8"	
10	0662874-7	1	PLATE, closure	
	0922763-8	3	CAPSCREW, 3/8"NC x 1"	
	0677006-9	3	WASHER, plain	
11	0604943-1	1	BOX, tool (Mounts on left rear fender)	} For units equipped with dozer
	0012992-4	4	CAPSCREW, 3/8"NF x 1-1/4"	
	0911115-4	4	WASHER, plain, SAE std., 3/8"	
	0904206-0	4	LOCKWASHER, 3/8"	
12	0630753-2	4	WASHER, plain (For spacing)	
	0911041-2	4	NUT, 3/8"NC	



ITEM	PART NO.	QTY.	DESCRIPTION
1	0248922-7	2	BATTERY, storage, 12 volts, dry-charged (Each requires 14 qts. electrolyte)
1A	0243526-1	1	ELECTROLYTE ("Z" pack - 6.1 quarts)
	0243527-9	1	ELECTROLYTE ("F" pack - 5 gallons)
1B	0243528-7	1	HOSE, electrolyte dispensing (For use with 5-gallon pack)

Not illustrated

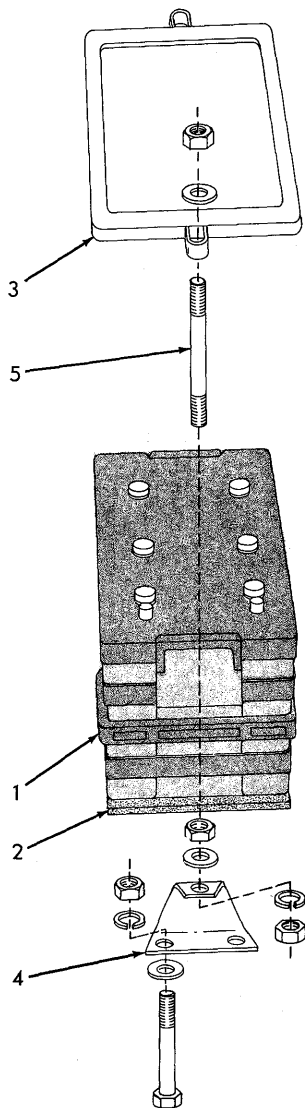
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BATTERIES AND CABLES (Continued)

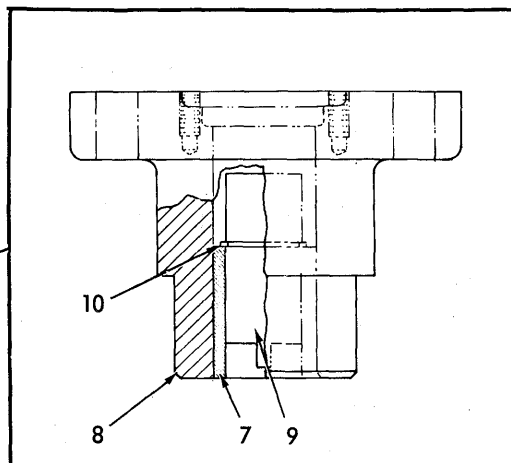
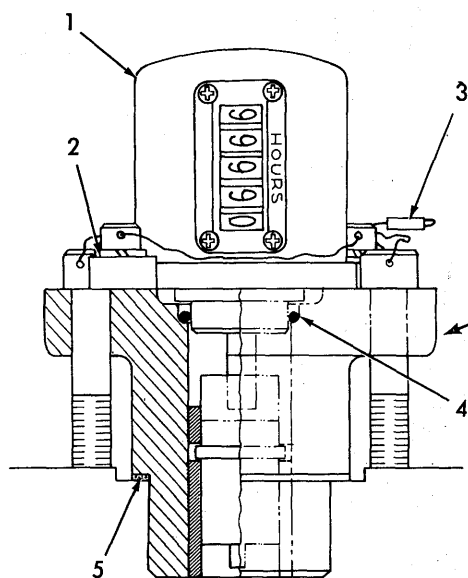
ITEM	PART NO.	QTY.	DESCRIPTION
2	0096908-9	1	SWITCH ASSY., master (Serviced only as a unit)
	0927541-3	2	CAPSCREW, 1/4"NC x 3/4"
	0910285-6	2	LOCKWASHER, 1/4"
	0911024-8	2	NUT, 1/4"NC
3	0662841-6	1	CABLE, battery to master switch (13" long)
4	0674479-1	1	CABLE, master switch to ground (61" long)
5	0923276-4	1	CAPSCREW, 3/8"NF x 7/8"
	0910287-2	1	LOCKWASHER, 3/8"
	0906960-0	1	LOCKWASHER, internal teeth, 3/8"
6	0662844-0	1	CABLE, battery connecting (19" long)
7	0660215-5	1	CABLE, battery to starter (114-1/2" long)
8	0076572-7	1	BOOT, protecting, starter terminal
	0921912-7	1	CLAMP, hose, 1-1/16" to 2" diam.
9	0093752-4	8	BOOT, cable protecting
	0921912-7	8	CLAMP, hose, 1-1/16" to 2" diam.
10	0633653-1	6	CLIP, cable supporting
	0922763-8	4	CAPSCREW, 3/8"NC x 1"
	0921565-8	1	CAPSCREW, 3/8"NC x 1-1/2"
	0920995-8	1	CAPSCREW, 3/8"NC x 2"
	0910287-2	6	LOCKWASHER, 3/8"
	0911026-3	1	NUT, 3/8"NC
11	0083847-4	1	SPACER, clip
12	0637658-6	1	ANGLE, clip supporting

BATTERY MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	BATTERY (See BATTERIES and CABLES)
2	0085680-7	2	PAD, battery bottom
3	0662760-8	2	HOLD-DOWN, battery
4	0662745-9	2	BRACKET, hold-down stud
	0927542-1	4	CAPSCREW, 1/2"NC x 5-1/2"
	0677008-5	4	WASHER, plain
	0912441-3	4	LOCKWASHER, 1/2"
	0911028-9	4	NUT, 1/2"NC
5	0619814-7	4	STUD, hold-down
	0677008-5	8	WASHER, plain
	0912441-3	8	LOCKWASHER, 1/2"
	0911043-8	12	NUT, 1/2"NF



T-75416

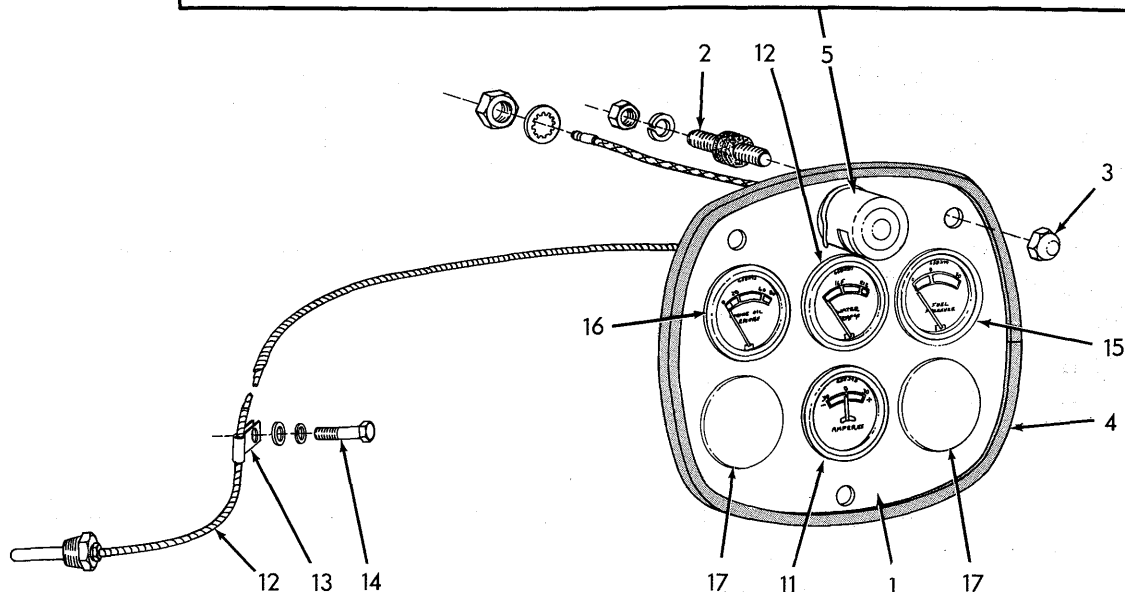
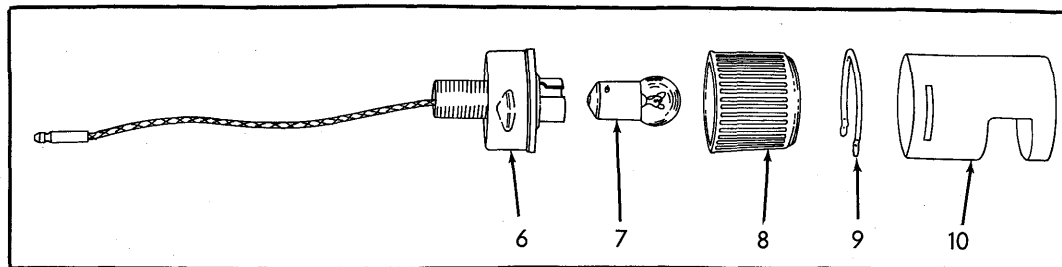


— HOUR METER (Mechanical) —

T-76180

USAGE: Engines prior to S/N 11-22949

ITEM	PART NO.	QTY.	DESCRIPTION
1	4359290-6	1	METER, hour (Serviced only as a unit)
2	4359293-0	2	CLAMP, meter retaining
	4027687-5	2	SCREW, hex-socket-hd., 1/4"NF x 7/8"
	0904204-5	2	LOCKWASHER, 1/4"
3	4355843-6	1	SEAL, anti-tampering
4	0923934-4	1	O-RING, meter mounting
5	4253773-8	1	GASKET, adapter housing
6	4359311-0	1	ADAPTER ASSY. (Consists of items 7 thru 10)
	4359231-0	2	SCREW, hex-socket hd., 3/8"NC x 2-1/4"
7	4255962-5	1	BUSHING, adapter housing, lower
8	-----	1	HOUSING, adapter (Not serviced separately)
9	4359269-0	1	SHAFT, coupling
10	4255961-7	1	RING, retaining



INSTRUMENTS

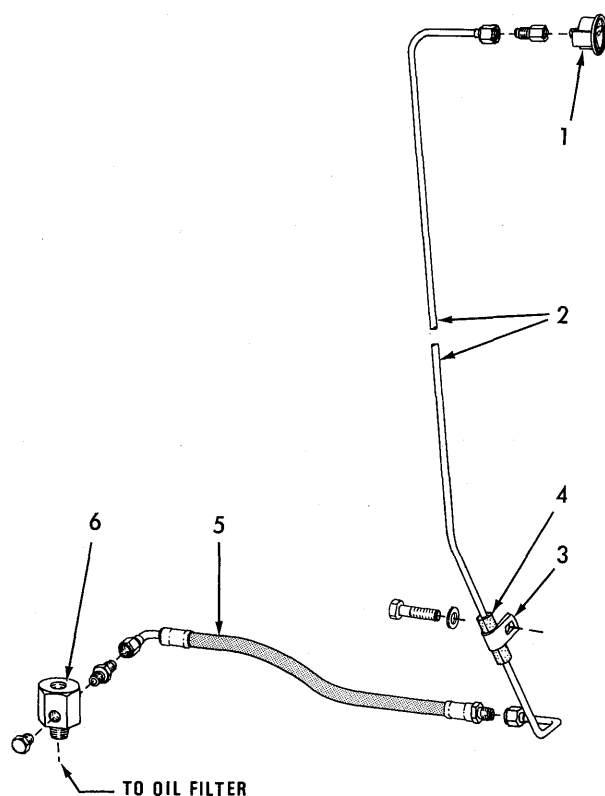
T-74943

ITEM	PART NO.	QTY.	DESCRIPTION
1	0656905-7	1	PLATE, instrument mounting
2	0642746-2	3	CUSHION, instrument mounting plate
	0910287-2	3	LOCKWASHER, 3/8"
	0911041-2	3	NUT, 3/8"NF
3	0924950-9	3	NUT, instrument mounting plate
4	0656923-0	1	SEAL, weather, instrument mounting plate
5	0658641-6	1	LIGHT ASSY., instrument panel (Consists of items 6 thru 10)
	0911049-5	1	NUT, jam, 5/8"NF
	0910334-2	1	LOCKWASHER, int-tooth, 5/8"
6	-----	1	BASE ASSY, (Not serviced separately)
7	0074452-4	1	BLUB, instrument light (single contact, 6 C. P., 24 volts)
8	0095267-1	1	LENS, instrument light
9	0095265-5	1	SPRING, retaining, instrument light cover

(Continued)

INSTRUMENTS (Continued)

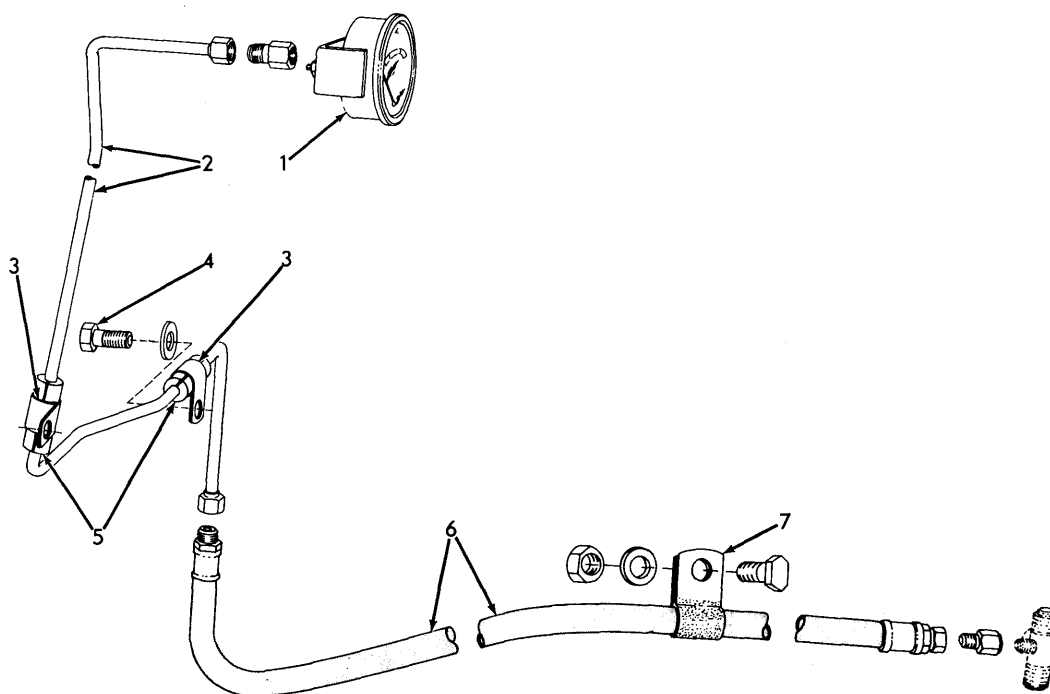
ITEM	PART NO.	QTY.	DESCRIPTION
10	0659002-0	1	COVER, instrument light
11	0658348-8	1	AMMETER (30 amp. Includes mounting clamp)(Standard)
	0658534-3	1	AMMETER (80 amp. Includes mounting clamp)(Special equipment)
12	0658397-5	1	CAUGE, engine temperature (Includes mounting clamp)
13	0639388-8	1	CLIP, temperature gauge tube
14	0927541	1	CAPSCREW, 1/4"NF x 3/4"
	0677004-4	1	WASHER, plain
15	-----	1	GAUGE, fuel pressure (See page 209)
16	-----	1	GAUGE, engine oil pressure (See page 208)
17	0921193-9	1	PLUG, button, 2-3/32" hole diam.
18	-----	1	GAUGE, engine clutch lubricating pressure (See page 208A)



ENGINE OIL PRESSURE GAUGE

T-74944

ITEM	PART NO.	QTY.	DESCRIPTION
1	0658293-6	1	GAUGE (Includes mounting clamp)
2	0678567-9	1	TUBE ASSY., (Includes nuts)
	0919174-3	1	CONNECTION, flare type, 1/4" tube, 1/8"NPT female
3	0047381-9	1	CLIP, tube supporting
	0922300-9	1	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	1	WASHER, plain
4	0093972-8	1	BOOT, tube protecting (rubber)
5	0681974	1	HOSE, (See HOSE PARTS)
	0919546	1	ELBOW, flare type, 1/4" tube, 1/4"NPT male
6	4339606-8	1	ADAPTOR, oil pressure gauge line
	0919840-9	1	PLUG, pipe, hex-hd., (Used on units equipped with 50 ampt. ALTERNATOR)

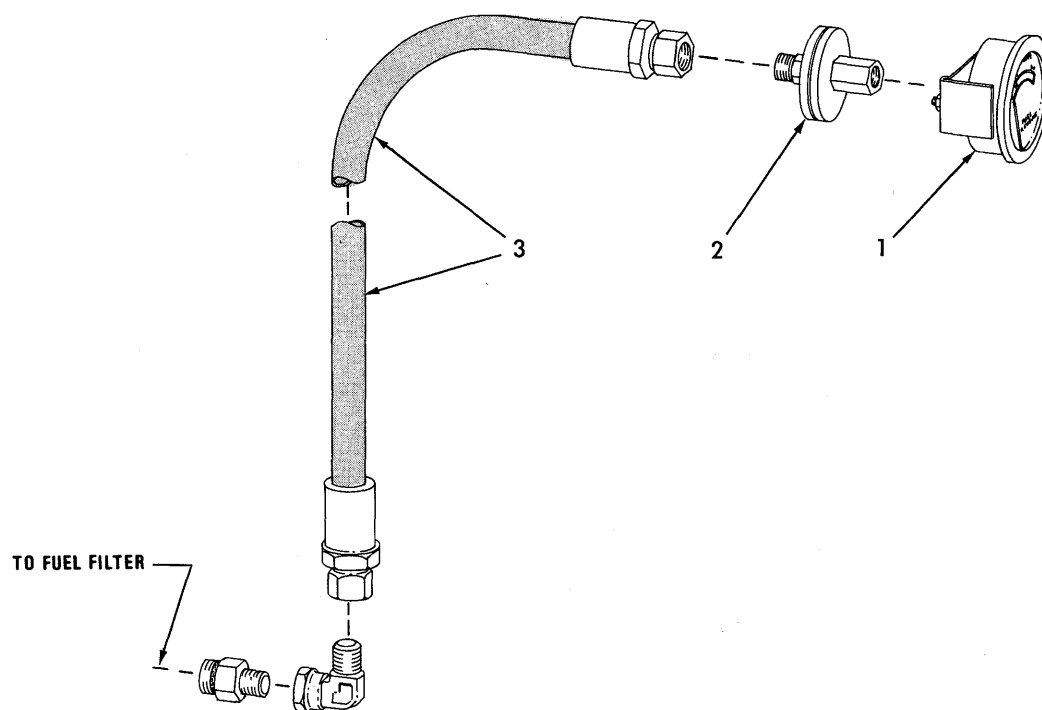


ENGINE CLUTCH LUBRICATING PRESSURE GAUGE

T-41935

ITEM	PART NO.	QTY.	DESCRIPTION
1	0681924-6	1	GAUGE (Includes mounting clamp)
2	0678714-7	1	TUBE ASSY. (Includes nuts)
	0919174-3	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
3	0047381-9	2	CLIP, tube supporting
4	0922300-9	1	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	1	WASHER, plain
5	0093972-8	2	BOOT, tube protecting (rubber)
6	0681980-9	1	HOSE (See HOSE PARTS)
	0923102-8	1	REDUCER, flare type, 1/2" tube to 1/4" tube (Tractors prior to unit #16205 including #16211 and #16216)
7	0644006-9	1	CLIP, hose supporting (1/2" bolt hole)
	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	1	WASHER, plain
	0911028-9	1	NUT, 1/2"NC

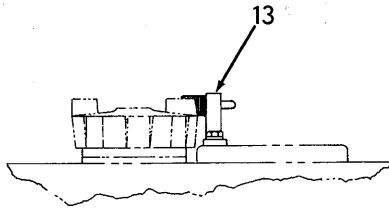
(Revised February 1974)



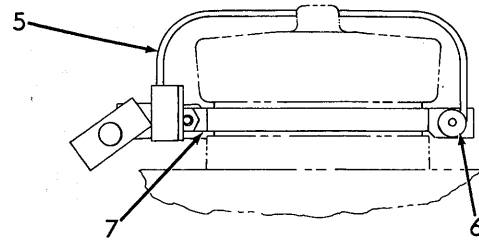
FUEL PRESSURE GAUGE

T-76290

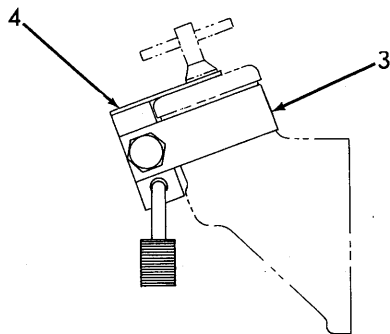
ITEM	PART NO.	QTY.	DESCRIPTION
1	0658349-6	1	GAUGE (Includes mounting clamp)
2	0088534-3	1	RESTRICTOR
3	0644880-7	1	HOSE (See HOSE PARTS)
	0926292-4	1	CONNECTOR, flare type, 1/4" tube, 9/16" straight thd. (Includes O-RING)
	0924044-1	1	ELBOW, adjustable, 90°, 1/4" tube, 7/16" straight thd.
	0921885-0	1	O-RING, connector



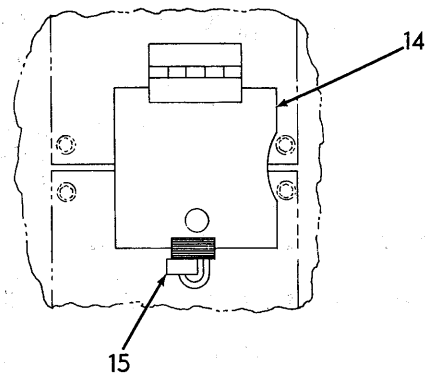
HYDRAULIC TANK



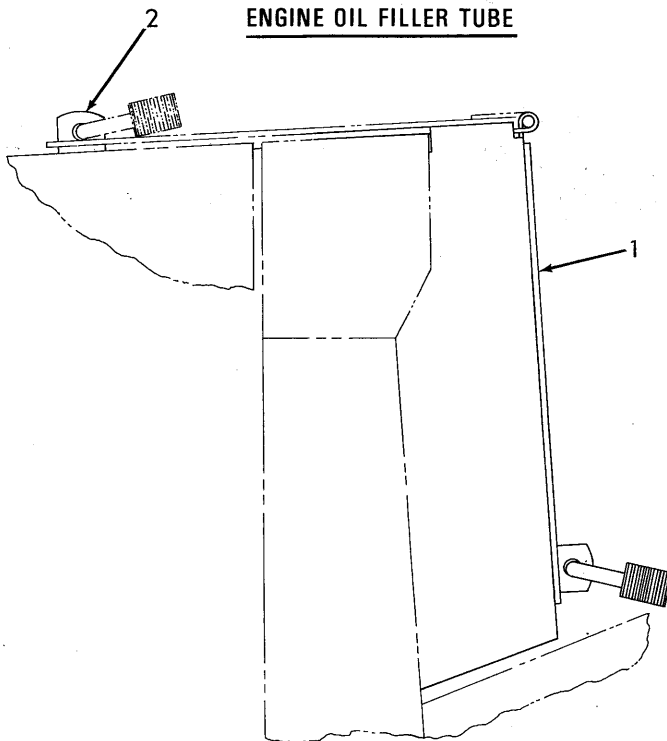
FUEL TANK



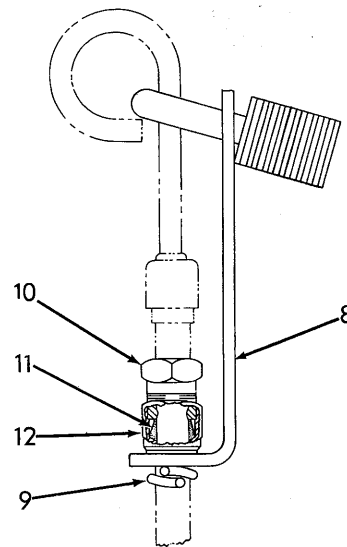
ENGINE OIL FILLER TUBE



RADIATOR GUARD



INSTRUMENT PANEL



ENGINE OIL DIPSTICK

VANDALISM PREVENTION PARTS

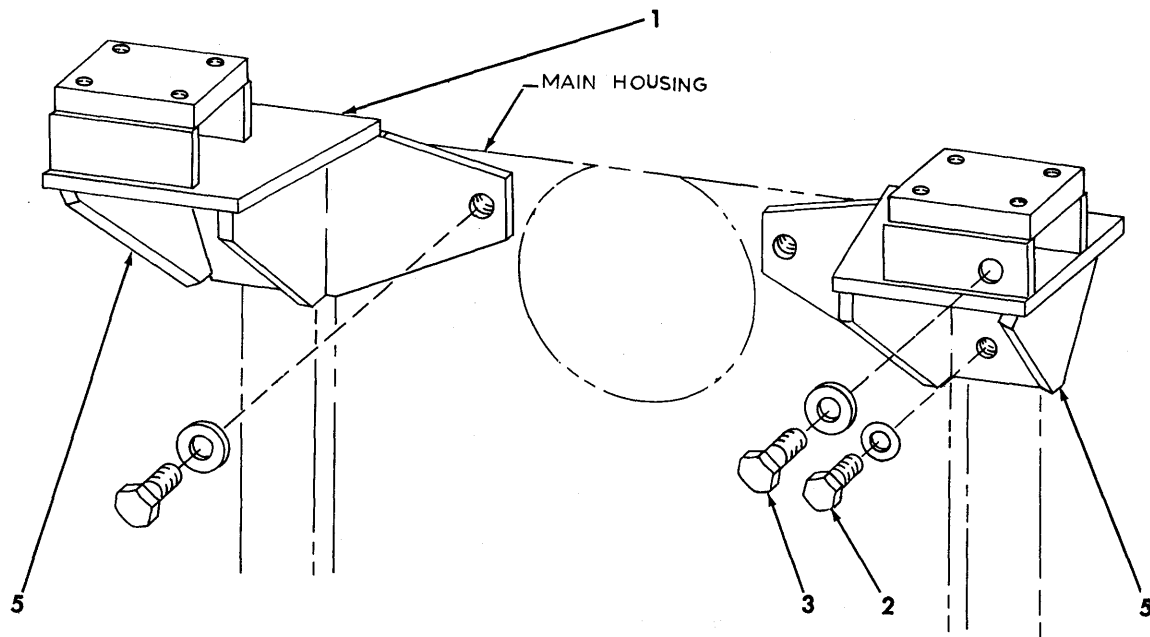
USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
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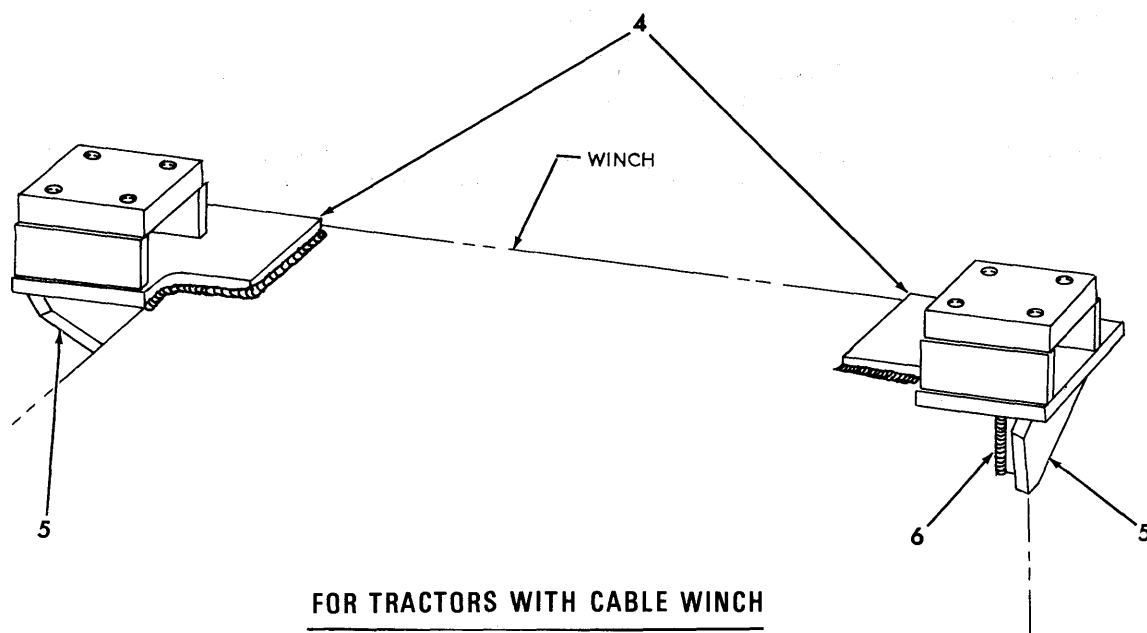
NOTE: Padlocks are required to complete the various installations.

1	0675810-6	1	GUARD, instrument panel (Requires welding to cowl)
2	0660936-6	1	LUG, instrument panel guard (Requires welding to hood)
3	0660074-6	1	COLLAR, engine oil filler elbow
	0921565-8	1	CAPSCREW, 3/8"NC x 1-1/8"
	0910287-2	1	LOCKWASHER, 3/8"
	0044973-6	3	WASHER, plain
4	0659721-5	1	BRACKET, engine oil filler closure
5	0657553-4	1	COVER, fuel tank cap
6	0924838-6	1	RIVET, fuel tank cap cover
7	0657556-7	1	CLAMP, fuel tank filler neck
	0927401-0	1	CAPSCREW, 1/4"NC x 1"
	0910285-6	1	LOCKWASHER, 1/4"
	0911024-8	1	NUT, 1/4"NC
8	0659175-4	1	ANGLE, locking, engine oil level gauge
9	4254980-8	1	CLAMP, supporting, locking angle
10	0650178-7	1	NUT, locking, engine oil level gauge (upper)
11	0925164-6	1	FERRULE, locking nut
12	0925162-0	1	NUT, locking, engine oil level gauge (lower)
13	0669008-5	1	PLATE, locking, hydraulic tank cap
	0921565-8	2	CAPSCREW 3/8"NC x 1-1/8"
	0910287-2	2	LOCKWASHER, 3/8"
14	0675809-8	1	COVER, radiator filler cap (Requires welding to radiator guard right top closure cover)
15	0663618-7	1	BLOCK, locking, radiator filler cap cover (Requires welding to radiator guard left top closure cover)

Tractors prior
to unit #17021



FOR TRACTORS WITH DRAWBARS



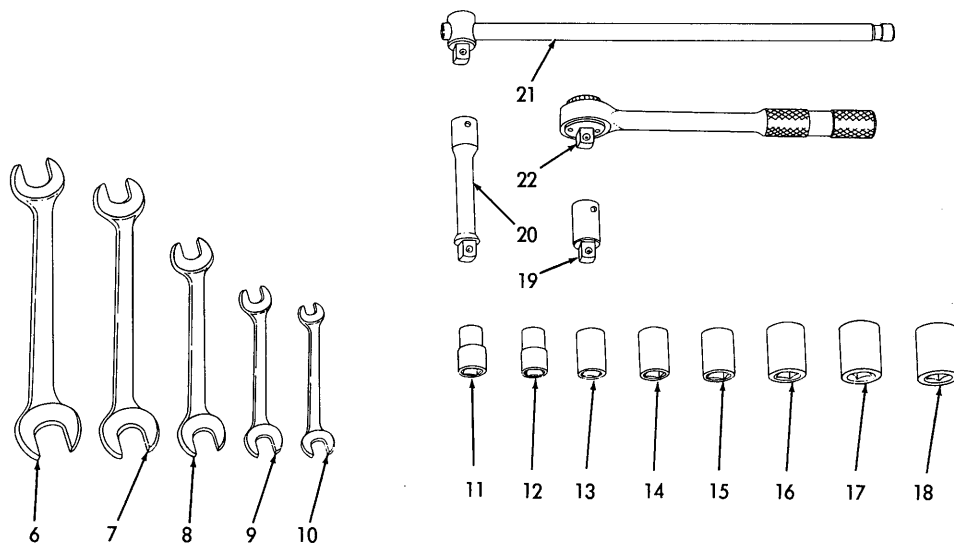
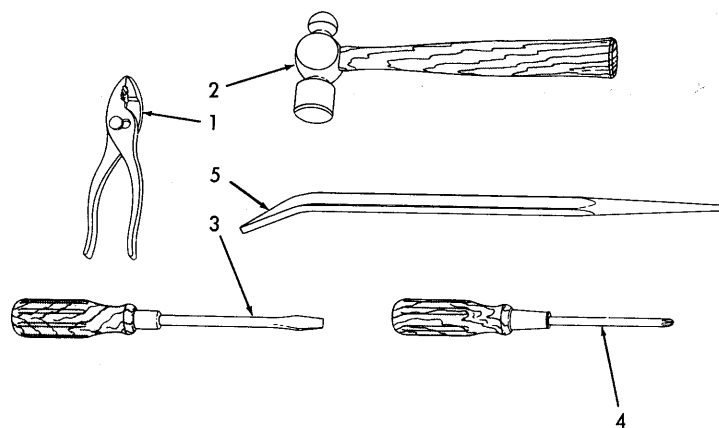
FOR TRACTORS WITH CABLE WINCH

REAR MOUNTED BRACKETS

T-76298

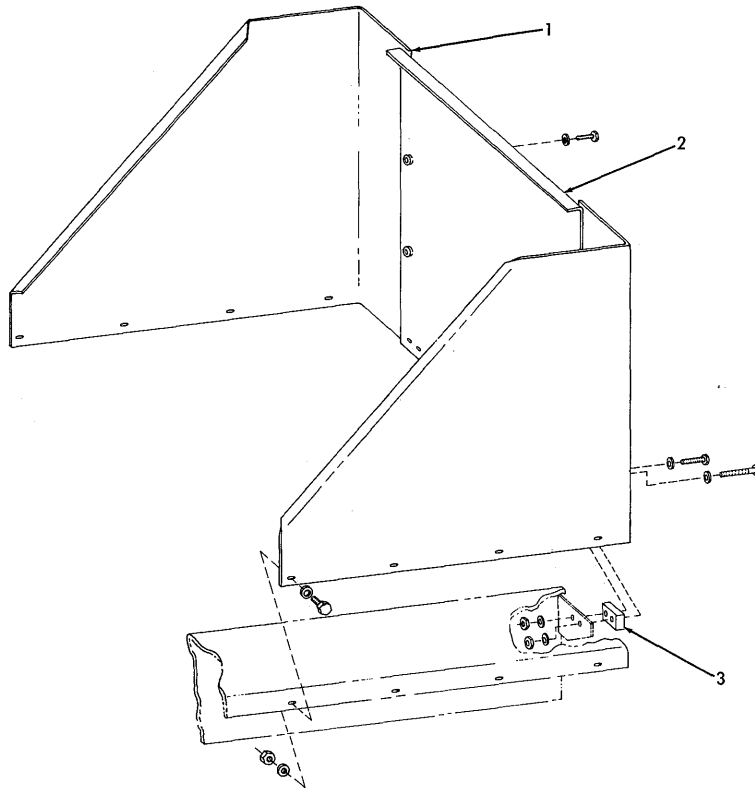
REAR MOUNTED BRACKETS

ITEM	PART NO.	QTY.	DESCRIPTION	
1	0678555-4	1	BRACKET, cab or canopy mounting, left	} For tractors equipped with Drawbar
	0678556-2	1	BRACKET, cab or canopy mounting, right	
2	0925809-6	2	CAPSCREW, 1"NF x 2-3/4"	
	0926203-1	2	WASHER, plain, 1"	
3	0923201-8	4	CAPSCREW, 1-1/4"NF x 3"	} For tractors equipped with Cable Winch
	0926208-0	4	WASHER, plain, 1-1/4"	
4	0678559-6	1	*BRACKET, cab or canopy mounting, left	
	0678560-4	1	*BRACKET, cab or canopy mounting, right	
5	0678521-6	2	*PLATE	
6	0678558-8	2	*PLATE	
*Requires welding to install				



TOOLS

ITEM	PART NO.	QTY.	DESCRIPTION
<u>NOTE:</u> For other recommended service tools, see Service Tool Manual Form 0650850-1			
1	0012389-3	1	PLIERS, slip joint, 6"
2	0012387-7	1	HAMMER, ball peen, 1 lb.
3	0036268-1	1	SCREWDRIVER, 9-3/4" long
4	0914732-3	1	SCREWDRIVER, Phillips #2
5	0052371-2	1	BAR, pinch, 16" long
6	0050611-3	1	WRENCH, open end, double head, 15°, 15/16" and 1-1/16"
7	0050610-5	1	WRENCH, open end, double head, 15°, 3/4" and 7/8"
8	0050609-7	1	WRENCH, open end, double head, 15°, 5/8" and 3/4"
9	0050608-9	1	WRENCH, open end, double head, 15°, 1/2" and 9/16"
10	0050607-1	1	WRENCH, open end, double head, 15°, 3/8" and 1/2"
11	0914709-1	1	SOCKET, 1/2" square drive, 1/2" hex
12	0914710-9	1	SOCKET, 1/2" square drive, 9/16" hex
13	0914711-7	1	SOCKET, 1/2" square drive, 5/8" hex
14	0914712-5	1	SOCKET, 1/2" square drive, 11/16" hex
15	0914713-3	1	SOCKET, 1/2" square drive, 3/4" hex
16	0914714-1	1	SOCKET, 1/2" square drive, 7/8" hex
17	0914715-8	1	SOCKET, 1/2" square drive, 15/16" hex
18	0914716-6	1	SOCKET, 1/2" square drive, 1" hex
19	0914717-4	1	BAR, extension, socket, 1/2" drive, 2" long
20	0914718-2	1	BAR, extension, socket, 1/2" drive, 5" long
21	0050612-1	1	HANDLE, socket, sliding T, 1/2" square drive, 15" long
22	0914719-0	1	HANDLE, socket, ratchet, 1/2" square drive
23	0644400-4	1	GAUGE, wear (Provides maximum wear tolerances for track rails, grouser shoes, sprockets, idlers and track rollers)

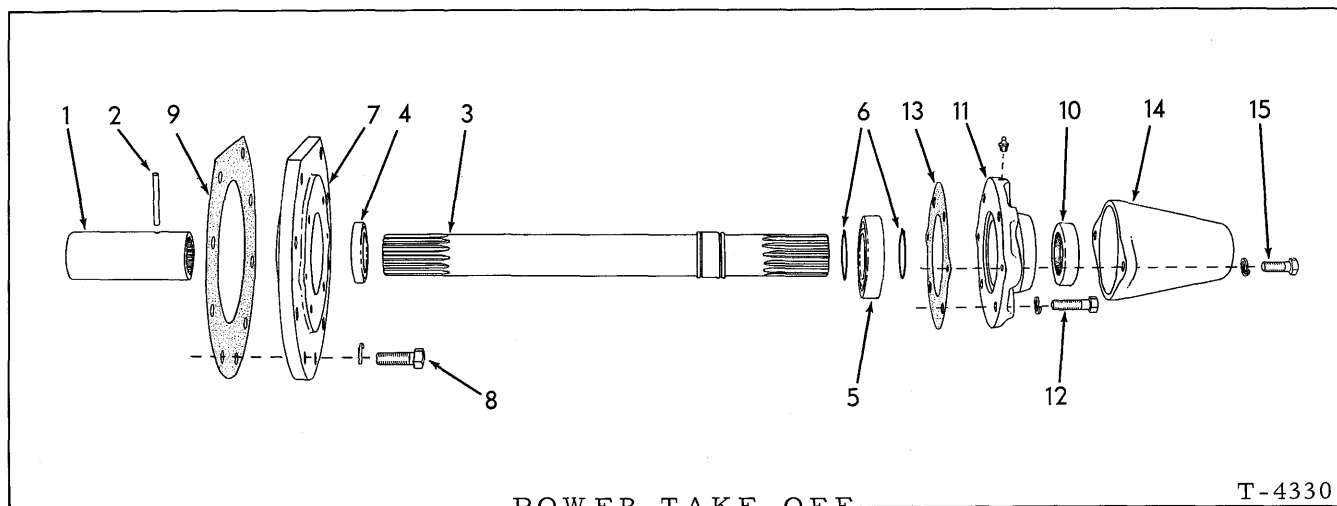


FUEL TANK GUARD

T-76297

USAGE: Special equipment.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0672147-6	1	GUARD, left
	0672148-4	1	GUARD, right
	0920583-2	6	CAPSCREW, 1/2"NC x 1-1/2"
	0920585-7	8	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	22	WASHER, plain
	0911028-9	8	NUT, 1/2"NC
2	0672144-3	1	PLATE
	0922526-9	2	CAPSCREW, 1/2"NC x 2-1/2"
	0921598-6	2	CAPSCREW, 1/2"NC x 3"
	0064531-7	8	WASHER, plain
	0911028-9	4	NUT, 1/2"NC
3	0672141-9	2	SPACER

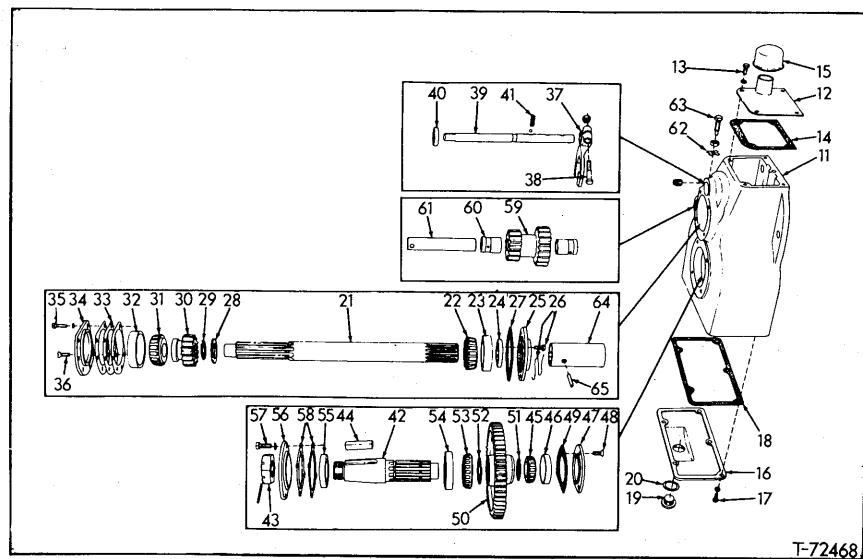


POWER TAKE-OFF

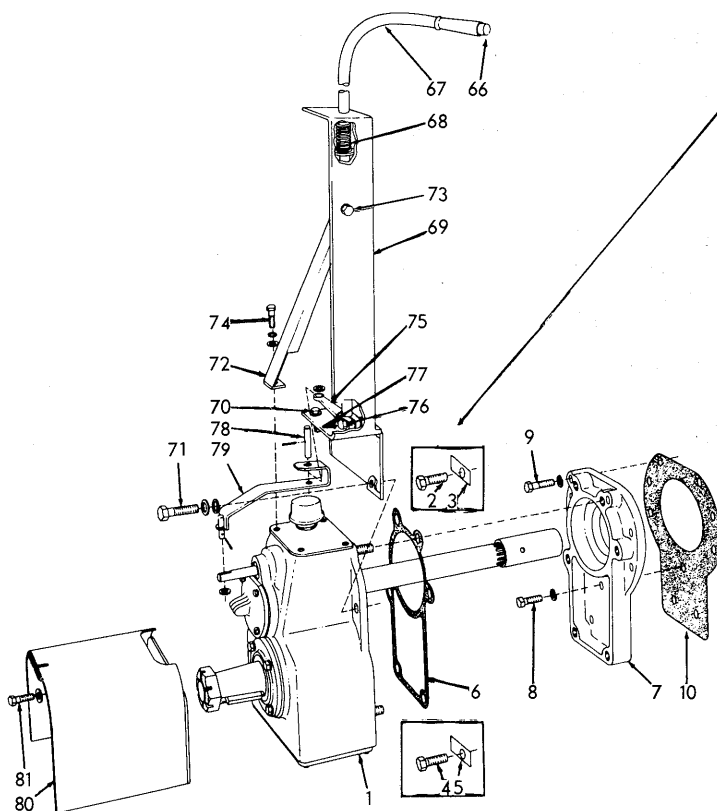
T-4330

USAGE: Special equipment. Runs at engine speed

ITEM	PART NO.	QTY.	DESCRIPTION
1	0068388-8	1	COUPLING, front
2	0621171-8	1	PIN, rivet, coupling retaining
3	0068480-3	1	SHAFT, coupling
4	0037676-4	1	SEAL, oil, inner
5	0067566-0	1	BEARING, ball
6	0058274-2	2	RING, snap
7	0068488-6	1	CAGE, coupling shaft bearing
8	0036707-8	9	CAPSCREW, 5/8"NC x 1-3/4"
	0904209-4	9	LOCKWASHER, 5/8"
9	0068487-8	1	GASKET, coupling shaft bearing cage
10	0647060-3	1	SEAL, oil, outer
11	0068490-2	1	RETAINER, oil seal
	0914465-0	1	FITTING, lubricating, straight, 1/8"NPT
12	0035236-9	4	CAPSCREW, 1/2"NC x 1-3/4"
	0904208-6	4	LOCKWASHER, 1/2"
13	0068489-4	1	GASKET, oil seal retainer
14	0055529-2	1	COVER, shaft protecting
15	0035061-1	2	CAPSCREW, 1/2"NC x 1-1/4"
	0904208-6	2	LOCKWASHER, 1/2"



T-72468



POWER TAKE-OFF

T-72467

POWER TAKE - OFF

USAGE: Special equipment. Operates at 431 rpm clockwise and 334 rpm counter-clockwise.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0642544-1	1	TAKE-OFF ASSY., power (Consists of items 11 thru 65)
2	0070792-7	2	CAPSCREW, 3/4"NC x 2-1/2"
3	0011100-5	2	LOCK, capscREW
4	0202283-8	3	CAPSCREW, 3/4"NC x 2-1/4"
	0904369-6	1	LOCKWASHER, 3/4"
5	0012238-2	2	LOCK, capscREW
6	0068324-3	1	GASKET, gear case to spacer
7	0068329-2	1	SPACER, power take-off
8	0036707-8	7	CAPSCREW, 5/8"NC x 1-3/4"
	0904209-4	7	LOCKWASHER, 5/8"
9	0023755-2	2	CAPSCREW, 5/8"NC x 2-1/4"
	0904209-4	2	LOCKWASHER, 5/8"
10	0068323-5	1	GASKET, spacer to steering clutch housing
11	0044957-9	1	HOUSING, gear
12	0638589-2	1	COVER, top
13	0035244-3	1	CAPSCREW, 3/8"NC x 3/4"
	0904206-0	1	LOCKWASHER, 3/8"
14	0033393-0	1	GASKET, top cover
15	0200267-3	1	CAP, filler
16	0044968-6	1	COVER, bottom
17	0013058-3	5	CAPSCREW, 3/8"NC x 1-1/4"
	0904206-0	5	LOCKWASHER, 3/8"
18	0044969-4	1	GASKET, bottom cover
19	0035250-0	1	PLUG, drain
20	0667252-1	1	GASKET, drain plug
21	0059869-8	1	SHAFT, input
22	0061087-3	1	CONE ASSY., input shaft front bearing
23	0061088-1	1	CUP, input shaft front bearing
24	0037676-4	1	SEAL, input shaft front bearing
25	0068326-8	1	RETAINER, front bearing
26	0013044-3	4	CAPSCREW, drilled-hd., 3/8"NC x 7/8"
	0023756-0	1	WIRE, locking, 1/16" x 26"
27	0032754-4	1	GASKET, front bearing retainer
28	0030965-8	1	SPACER, front bearing
29	0050293-0	1	RING, snap, front bearing
30	0044979-3	1	PINION, input shaft (14 teeth)
31	0043006-6	1	CONE ASSY., input shaft rear bearing

(Continued)

POWER TAKE-OFF (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
32	0211567-3	1	CUP, input shaft rear bearing	
33	0032747-8	3	SHIM, input shaft bearing adjustment (.005" thick)	} Use as required
	0032748-6	5	SHIM, input shaft bearing adjustment (.010" thick)	
	0032749-4	3	SHIM, input shaft bearing adjustment (.020" thick)	
34	0047603-6	1	RETAINER, input shaft rear bearing	
35	0013058-3	3	CAPSCREW, 3/8"NC x 1-1/4"	
	0904206-0	3	LOCKWASHER, 3/8"	
36	0070192-0	1	CAPSCREW, flat-hd., 3/8"NC x 7/8"	
37	0044967-8	1	FORK, shifting	
38	0046419-8	1	CAPSCREW, shifting fork	
	0913528-6	1	NUT, elastic stop, 3/8"NF	
39	0044980-1	1	SHAFT, shifting fork	
	0905361-2	1	BALL, steel, 7/16" diam.	
40	0030504-5	1	SEAL, oil, shifting fork shaft	
41	0021537-6	1	SPRING, shifting shaft locking ball	
42	0044976-9	1	SHAFT, output	
43	0013207-6	1	NUT, output shaft (slotted, 2"EF thread)	
	0904007-2	1	PIN, cotter, 3/16" x 3"	
44	0032764-3	1	KEY, output shaft (1/16" x 3")	
45	0043000-9	1	CONE ASSY., output shaft front bearing	
46	0211608-5	1	CUP, output shaft front bearing	
47	0032751-0	1	RETAINER, output shaft front bearing	
48	0036283-0	3	CAPSCREW, flat-hd., 1/2"NC x 1-1/8"	
49	0032753-6	1	GASKET, bearing retainer	
50	0032780-9	1	GEAR, output shaft (52 teeth)	
51	0044978-5	1	RING, snap, output shaft gear	
52	0032762-7	1	RING, output shaft rear bearing (2 matched halves)	
53	0043002-5	1	CONE ASSY., output shaft rear bearing	
54	0043001-7	1	CUP, output shaft rear bearing	
55	0629040-7	1	SEAL, oil, output shaft rear bearing	
56	0032752-8	1	RETAINER, output shaft rear bearing	
57	0035061-1	4	CAPSCREW, 1/2"NC x 1-1/4" (Replaced by 0035236-8	
			CAPSCREW when power shaft guard is used)(See item 81)	
	0904208-6	4	LOCKWASHER, 1/2"	
58	0032946-6	12	SHIM, rear bearing adjustment (.005" thick)	} Use as required
	0032944-1	3	SHIM, rear bearing adjustment (.020" thick)	

(Continued)

POWER TAKE-OFF (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
59	0044982-7	1	GEAR ASSY., reverse (Includes item 60)
60	0044984-3	2	BUSHING, reverse gear
61	0044970-2	1	SHAFT, reverse gear
62	0035196-5	1	LOCK, setscrew
63	0035188-2	1	SETSCREW, hex-hd., taper pt., 1/2"NC x 1-5/8"
	0911035-4	1	NUT, jam, 1/2"NC
64	0068388-8	1	COUPLING, splined
65	0621171-8	1	PIN, rivet, coupling retaining
66	0626984-9	1	GRIP, control rod
67	0638597-5	1	ROD, control
	0911179-0	1	PIN, cotter, 1/4" x 1-1/4"
	0900820-2	1	WASHER, U.S. std., 3/4"
68	0090487-0	1	SPRING, control rod
69	0651011-9	1	BRACKET, control rod
70	0013058-3	2	CAPSCREW, 3/8"NC x 1-1/4"
	0904206-0	2	LOCKWASHER, 3/8"
	0044973-6	2	WASHER, plain
71	0606891-0	1	CAPSCREW, 3/4"NC x 2-3/4"
	0904369-6	1	LOCKWASHER, 3/4"
	0061689-6	1	WASHER, plain
72	0642542-5	1	BRACE, control rod bracket
73	0012992-4	1	CAPSCREW, 3/8"NF x 1-1/4"
	0044973-6	2	WASHER, plain
	0904206-0	1	LOCKWASHER, 3/8"
	0911041-2	1	NUT, 3/8"NF
74	0013058-3	1	CAPSCREW, 3/8"NC x 1-1/4"
	0904206-0	1	LOCKWASHER, 3/8"
	0044973-6	1	WASHER, plain
75	0611972-1	1	LEVER, control
	0905122-8	1	KEY, #7 woodruff, 1/8" x 3/4"
76	0035336-9	1	CAPSCREW, 3/8"NF x 1-3/4"
	0904206-0	1	LOCKWASHER, 3/8"
	0911041-2	1	NUT, 3/8"NF
77	0061689-6	1	WASHER, control lever
78	0638576-9	1	PIN, control lever
	0900817-8	1	WASHER, U.S. std., 3/8"
	900805-3	1	PIN, cotter, 1/8" x 3/4"
79	0638583-5	1	ARM, shifting
	0911115-4	1	WASHER, plain, SAE std., 3/8"
	0900942-4	1	PIN, cotter, 3/32" x 5/8"
80	0078482-7	1	GUARD, power shaft
81	0035236-9	4	CAPSCREW, 1/2"NC x 1-3/4"
	0064531-7	4	WASHER, plain

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SUPPLEMENT NO. 2

FORM 70677388 (Same as 0677388-1)

11-B (DIRECT DRIVE)

(2-75)

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35A (Added)	51C (Added)	92 (No change)	206 (Revised)
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SUMMARY

Make the following changes: (All changes are underlined)

PAGE ITEM PART NO. QTY. DESCRIPTION

29	Add:	USAGE: Engines prior to serial No. 11-24164		
31	Add:	USAGE: Engines prior to Serial No. 11-24164		
33	Add:	USAGE: Engines prior to serial No. 11-24164		
45	Add:	USAGE: Engines prior to serial No. 11-24094		
65	16	0644908	1	CLIP (Change part No. to <u>70644006</u>)
66	3	0660360	1	ELEMENT ASSY. (Change part No. to <u>70684733</u>)
66	10	3042943-5	1	VALVE (Change part No. to <u>70197810</u>)
69	USAGE: <u>Used prior to April 1973</u>			
79	1	0678785	1	FAN (Change part No. to <u>70685957</u>)
88	Add:	USAGE: Engines prior to serial No. 11-22076		
94	Add: 5A	70681831	1	DISC PACK AND CENTER ASSY. (Includes items 1 thru 5)
109	8	0920660	2	CAPSCREW (Change part No. to <u>70922286</u>); also change size to 5/16"NC x 1-3/4"
109	17	0920660	2	CAPSCREW (Change part No. to <u>70922286</u>); also change size to 5/16"NC x 1-3/4"
110	43	0620975-3	1	SLEEVE (Change part No. to <u>70651580</u>)(Add: If first replacement prior to unit #17027 also order 43A)
	Add: 43A	70651275	1	SEAL, shifting lock plunger (Effective Tractor Unit #17027)
113	7	0035250	6	PLUG (Change qty. to <u>4</u>)
	Add: 7A	70638256	2	PLUG, final drive compartment (magnetic)
116	5	0624562	32	DISC (Change qty. to <u>34</u>)
	10	0631300	16	CAPSCREW (Change part No. to <u>70929077</u>)
138	32	0072438-5	2	SPRING (Change part No. to <u>70043881</u>)
145	1	0675291-9	1	FRAME (Change part No. to <u>70682618</u>) (Add: Tractors prior to unit #17345)
	Add: 70680928		1	FRAME (Tractor unit #17345 and up)
	3	0671857-1	1	BUMPER (Change part No. to <u>70682526</u>)
146	2	0064531-7	8	WASHER (Change part No. to <u>70677008</u>)
147	2	0064531-7	6	WASHER (Change part No. to <u>70677008</u>)
163	10	0916314-8	4	CAPSCREW (Change part No. to <u>70921556</u> and size to 1/2"NC x 2")
		0904208	4	LOCKWASHER (Change part No. to <u>70921441</u>)
169	16	0658741	2	BRACKET ASSY. (Change part No. to <u>70686131</u>)
	17	0658742	2	BRACKET ASSY. (Change part No. to <u>70686132</u>)
	19	70916266	4	CAPSCREW (Change to 5/8"NC x 5")
		70911029	4	NUT (Change to 5/8"NC)
170	1	0665044-4	2	YOKE ASSY. (Includes items 2 thru <u>9A</u>)
	Add: 1	70914465	2	FITTING, lubricating, straight, 1/8"NPT
	Add: 9A	70665042	2	YOKE, only
173	5	0668446	160 176 ---	SEAL (Change part No. to <u>70683982</u>)



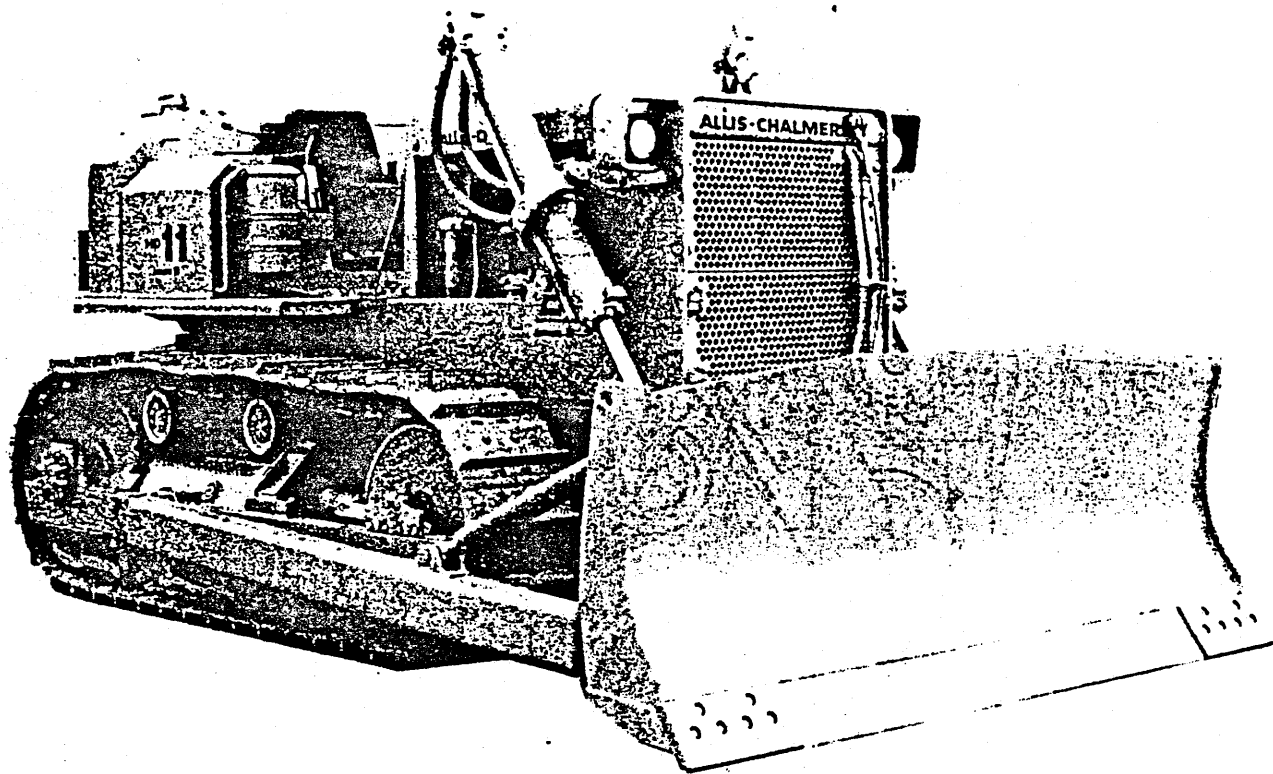
SUMMARY (Continued)

PAGE	ITEM	PART NO.	QTY.	DESCRIPTION
200	8	0666379	1	COVER (Change part No. to <u>70685919</u>)
203 Add: 13		70198775	1	STRAP, cable supporting
209 Add:	<u>USAGE: Tractors prior to serial No. 16C17301</u>			

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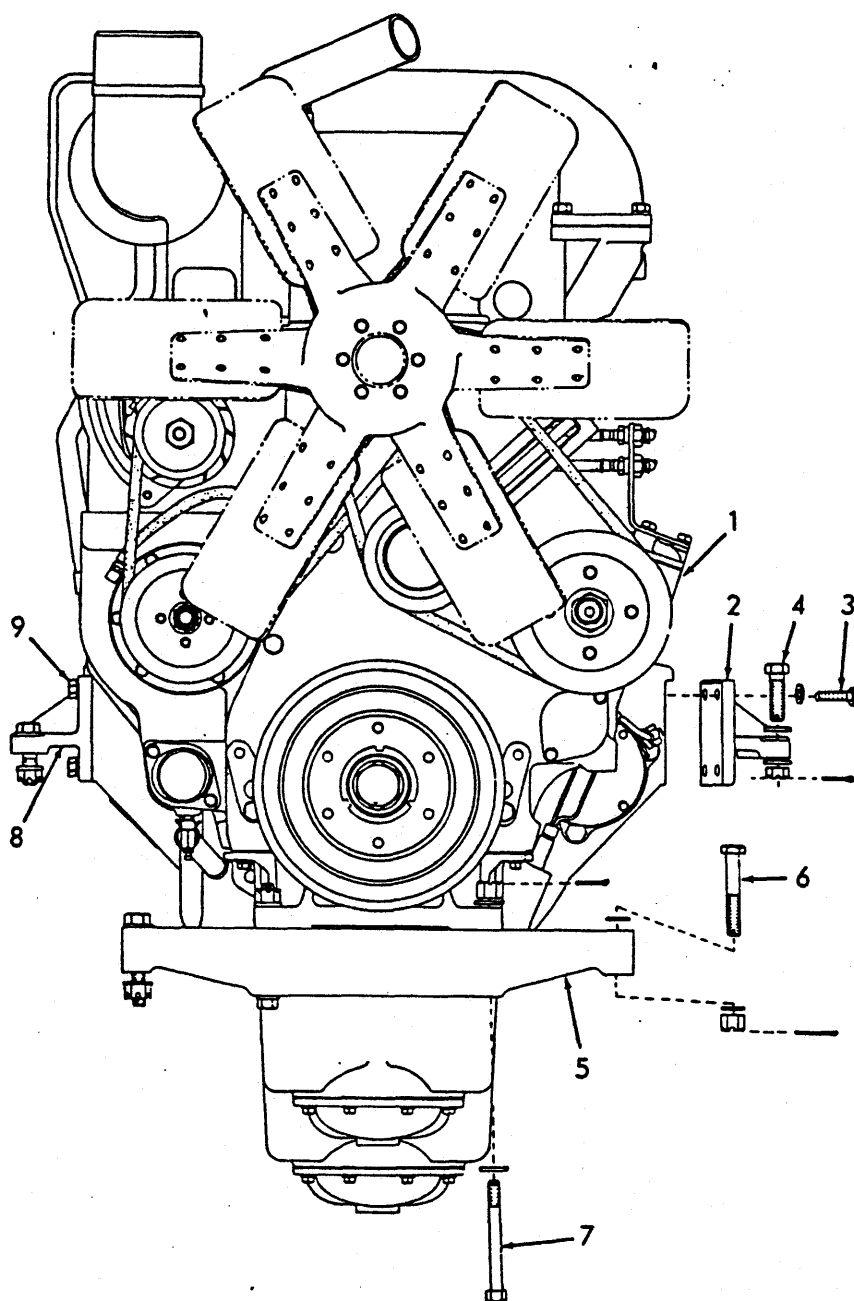
HD-11 SERIES B (DIRECT DRIVE) W/11HS DOZER

T-76483

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T-72370

ENGINE AND MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359734	1	ENGINE ASSY. ("Bosch" Injection Pump)(Tractors prior to unit #18768, including #18780)
	70696718	1	ENGINE ASSY. ("Roosa Master" Injection Pump)(Tractor unit #18768 and up, excluding #18780)
NOTE: Each engine assembly includes turbocharger, alternator, oil and fuel filters but does not include air cleaner, fan or starter.			
2	70084493	1	BRACKET, engine supporting, rear, left
3	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70928188	4	WASHER, plain

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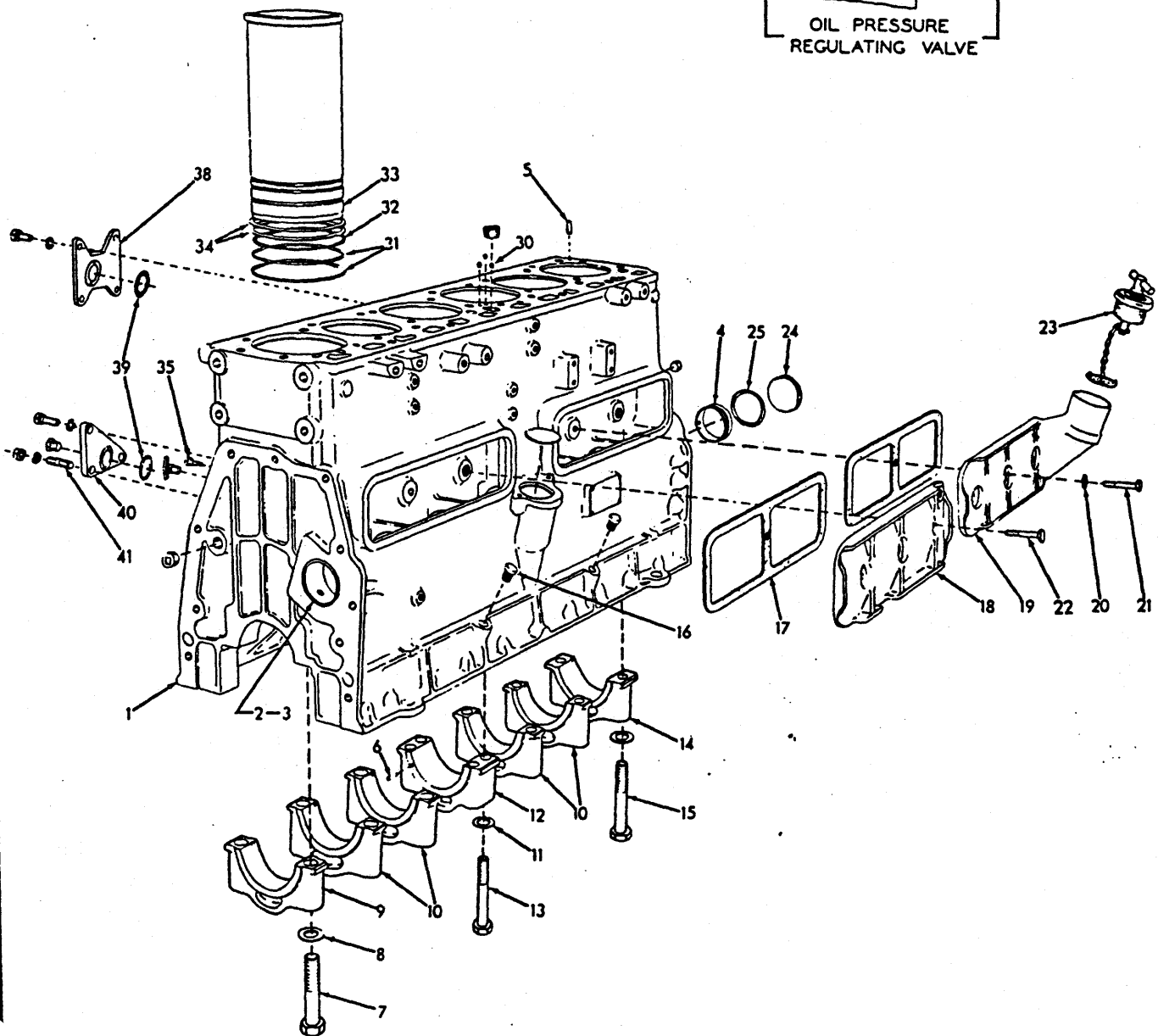
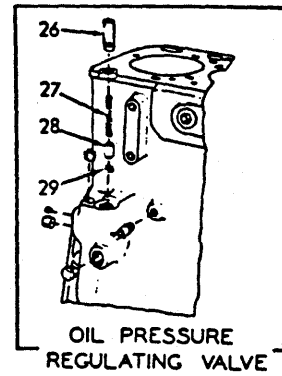
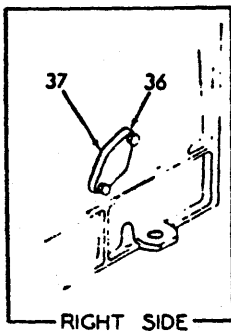
ENGINE AND MOUNTING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	70930371	4	CAPSCREW, rear mounting
	70928142	8	WASHER, plain
	70912840	4	NUT, slotted, 5/8"NF
	70900806	4	PIN, cotter, 1/8" x 1"
5	70642562	1	SUPPORT, front
6	70928685	2	CAPSCREW, 5/8"NF x 3-1/2" (to frame)
	70928142	4	WASHER, plain
	70913280	2	NUT, high, slotted, 5/8"NF
	70900806	2	PIN, cotter, 1/8" x 1"
7	70930372	2	CAPSCREW, front mounting
	70928142	2	WASHER, plain
	70677010	2	WASHER, plain (heavy)
	70913280	2	NUT, high, slotted, 5/8"NF
	70900806	2	PIN, cotter, 1/8" x 1"
8	70678788	1	BRACKET, engine supporting, rear, right (Tractor prior to unit #17345)
	70084493	1	BRACKET, engine supporting, rear, right (Tractor unit #17345 and up)
9	70920583	4	CAPSCREW, 1/2"NC x 1-1/2"
	70928188	4	WASHER, plain

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CYLINDER BLOCK

T-41944

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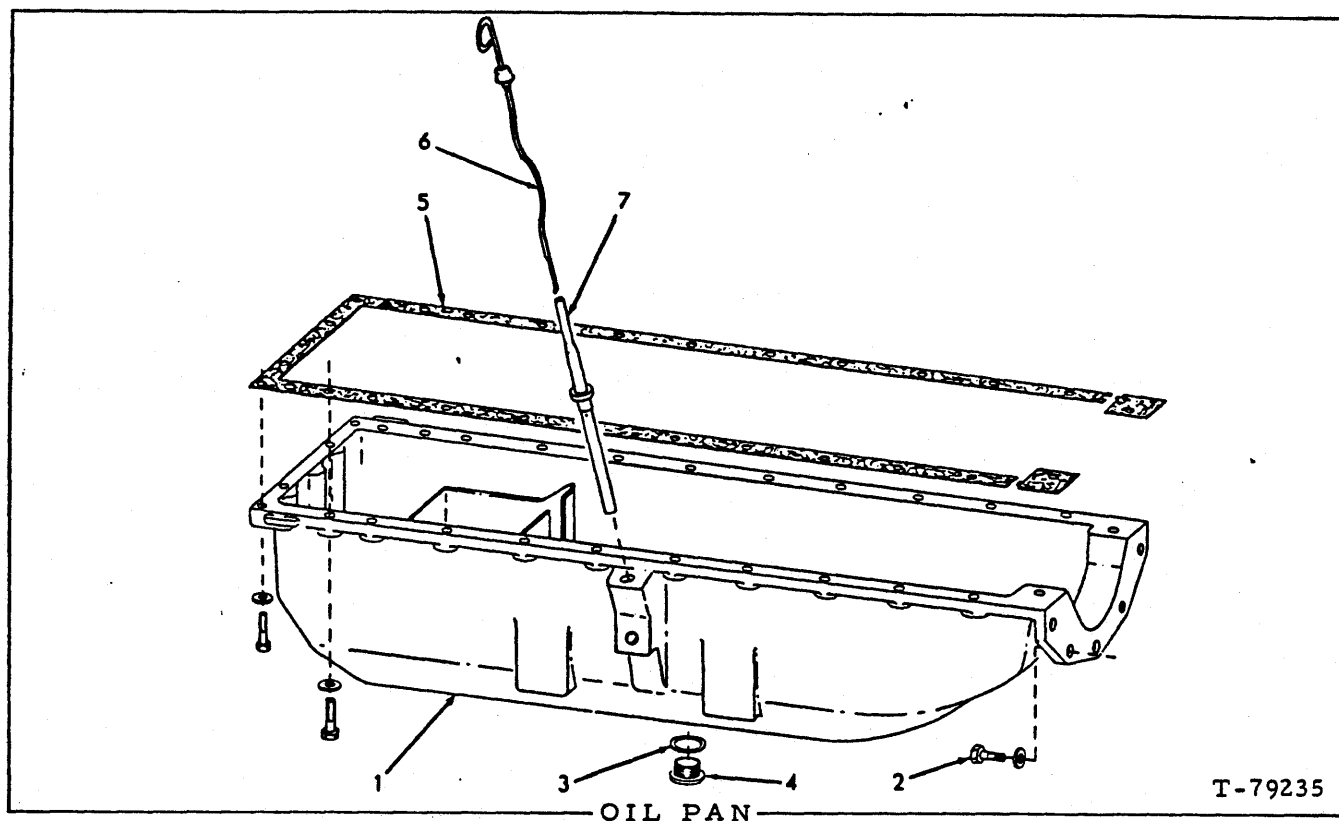
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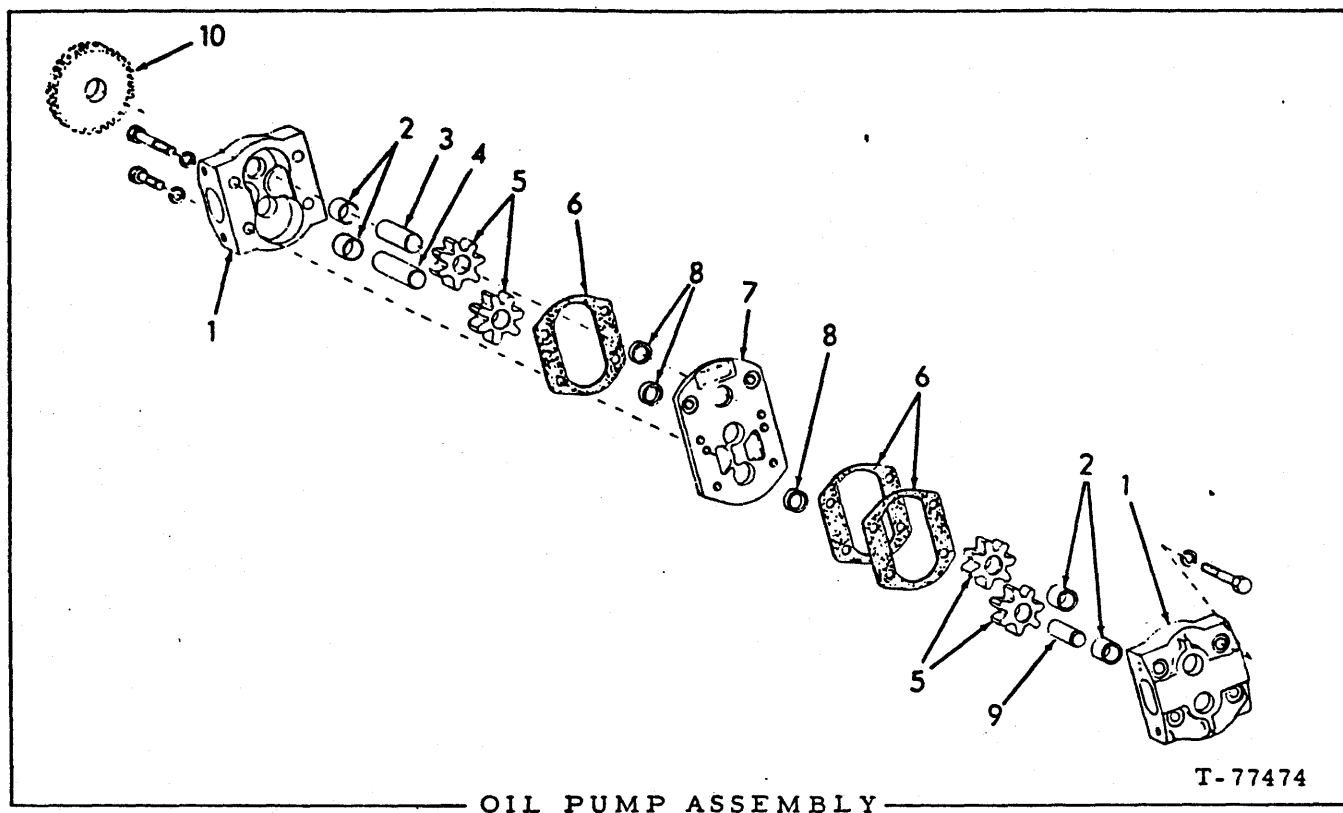
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USAGE: Engine serial No. 11-24614 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320872	1	PAN, oil
	70916279	4	CAPSCREW, 5/16"NC x 1-1/2"
	70919784	1	CAPSCREW, 5/16"NC x 4"
	70912369	5	WASHER, plain
	70916271	2	CAPSCREW, 3/8"NC x 1"
	70913544	2	WASHER, plain
	70914847	22	CAPSCREW, 3/8"NC x 1-1/2"
	70913544	22	WASHER, plain
2	74255916	5	CAPSCREW, nylon strip, 3/8"NC x 1"
	70913544	5	WASHER, plain
3	70667252	1	GASKET, oil drain plug
4	70035250	1	PLUG, oil drain
5	74347543	1	GASKET SET, oil pan (5 pieces)
6	74320898	1	GAUGE, oil level
7	74354656	1	ADAPTER, oil level gauge



USAGE: See page 35A

ITEM	PART NO.	QTY.	DESCRIPTION
-	74320883	1	PUMP ASSY. (Includes item 1 thru 10)
1	74393344	2	BODY ASSY. (Includes item 2)
	70920594	6	CAPSCREW, 7/16"NF x 2"
	70930705	2	CAPSCREW, 7/16"NF x 3"
	70907863	8	LOCKWASHER, 7/16"
2	74393346	4	BUSHING
3	74393351	1	SHAFT
4	74026614	1	SHAFT
5	74028077	4	GEAR
6	74393349	3	GASKET
7	74393347	1	PLATE ASSY. (Includes item 8)
8	74393346	3	BUSHING
9	74393354	1	SHAFT
10	74320884	1	GEAR

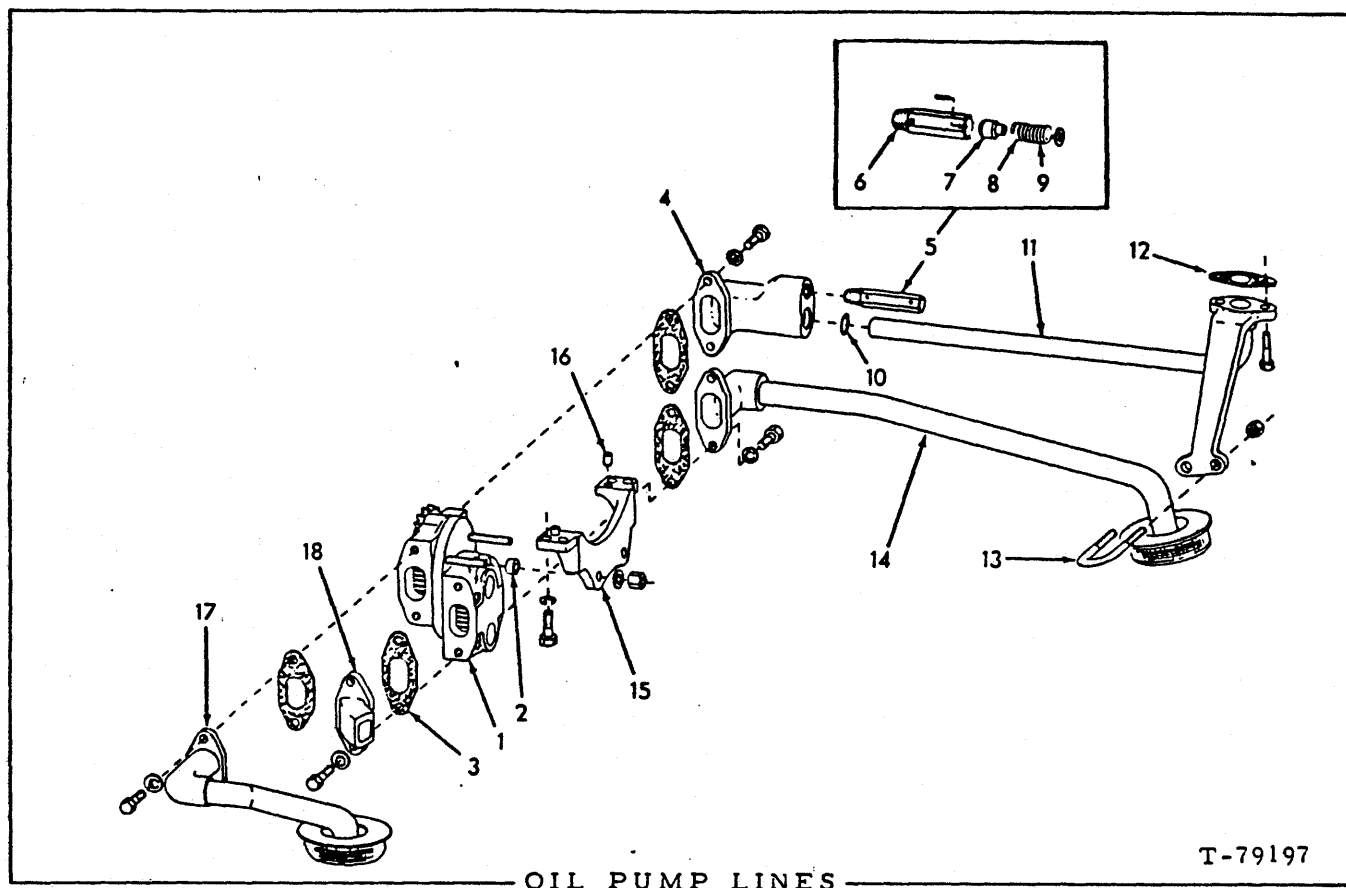
Replaces page 35 in 11-B Parts Catalog 70677388
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(Revised February 1975)

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USAGE: Engine serial No. 11-24164 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PUMP ASSY. (See page 35)
	70907863	2	LOCKWASHER, int-tooth, 7/16"
	70928212	2	NUT, 7/16"NC
2	74371253	2	DOWEL
3	74393359	4	OGASKET
4	74321052	1	ELBOW
	70923193	2	CAPSCREW, 3/8"NF x 1-1/4"
	70916543	2	LOCKWASHER, internal teeth, 3/8"
5	74320597	1	VALVE ASSY. (Includes items 6 thru 9)
6	-----	1	BODY (Not serviced separately)
	70916001	1	PIN, spring, 3/16" x 1"
7	-----	1	PISTON (Not serviced separately)
8	74354568	1	SPRING
9	74359310	1	WASHER
10	70930924	1	O-RING

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OIL PUMP LINES (Continued)

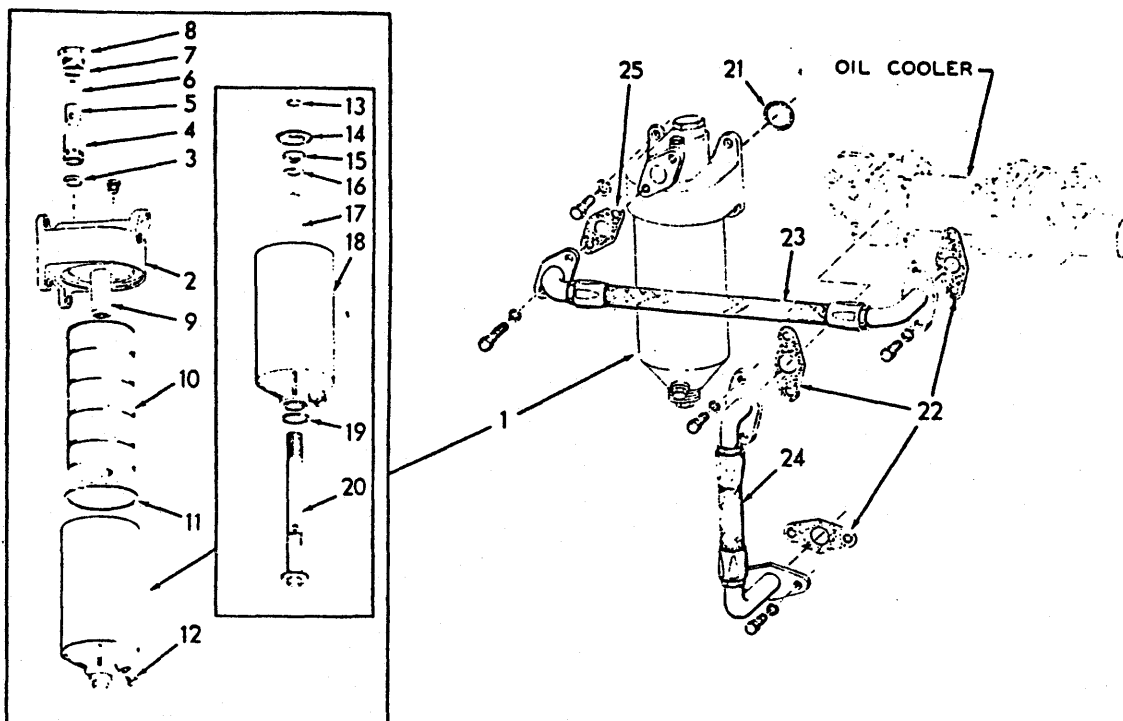
ITEM	PART NO.	QTY.	DESCRIPTION
11	74320885	1	TUBE
	70921565	2	CAPSCREW, 3/8" x 1-1/2"
12	74320916	1	OGASKET
13	74321053	1	U-BOLT
	70916871	2	NUT, elastic stop, 5/16"NC
14	74320887	1	TUBE
	70923193	2	CAPSCREW, 3/8"NF x 1-1/4"
	70916543	2	LOCKWASHER, internal teeth, 3/8"
15	74321087	1	BRACKET (Includes item 16)
	70921076	2	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	2	LOCKWASHER, 3/8"
16	70917546	2	DOWEL
17	74320839	1	TUBE
	70923193	2	CAPSCREW, 3/8"NF x 1-1/4"
	70916543	2	LOCKWASHER, internal teeth, 3/8"
18	74320838	1	ELBOW
	70923193	2	CAPSCREW, 3/8"NF x 1-1/4"
	70916543	2	LOCKWASHER, internal teeth, 3/8"

□Also see PACKAGED PARTS

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OIL FILTER

T-37197

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337527-8 0919230-3 0904208-6	1 6 6	FILTER ASSY., oil (Includes items 2 thru 20) CAPSCREW, 1/2"NC x 1-3/8" LOCKWASHER, 1/2"
2	4337528-6 0920333-2	1 1	HEAD ASSY., filter (Includes items 3 thru 9) PLUG, pipe, hex-hd., 3/8"NPT
3	4373614-9	1	SEAT, relief valve piston
4	4373612-3	1	SLEEVE, relief valve piston
5	4373613-1	1	PISTON, relief valve
6	4359656-8	1	SPRING, relief valve
7	4253751-4	1	GASKET, relief valve cap
8	4373610-7	1	CAP, relief valve
9	4371443-5	1	ADAPTER, center bolt
10	4371021-9	1	ELEMENT KIT, oil filter (Includes item 11)
11	4372325-3	1	GASKET, filter body
12	0918951-5	1	PLUG, filter drain (hex-hd., 3/8"NPT)

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OIL FILTER LINES
(By-pass type)

USAGE: Tractors prior to S/N 16C17345

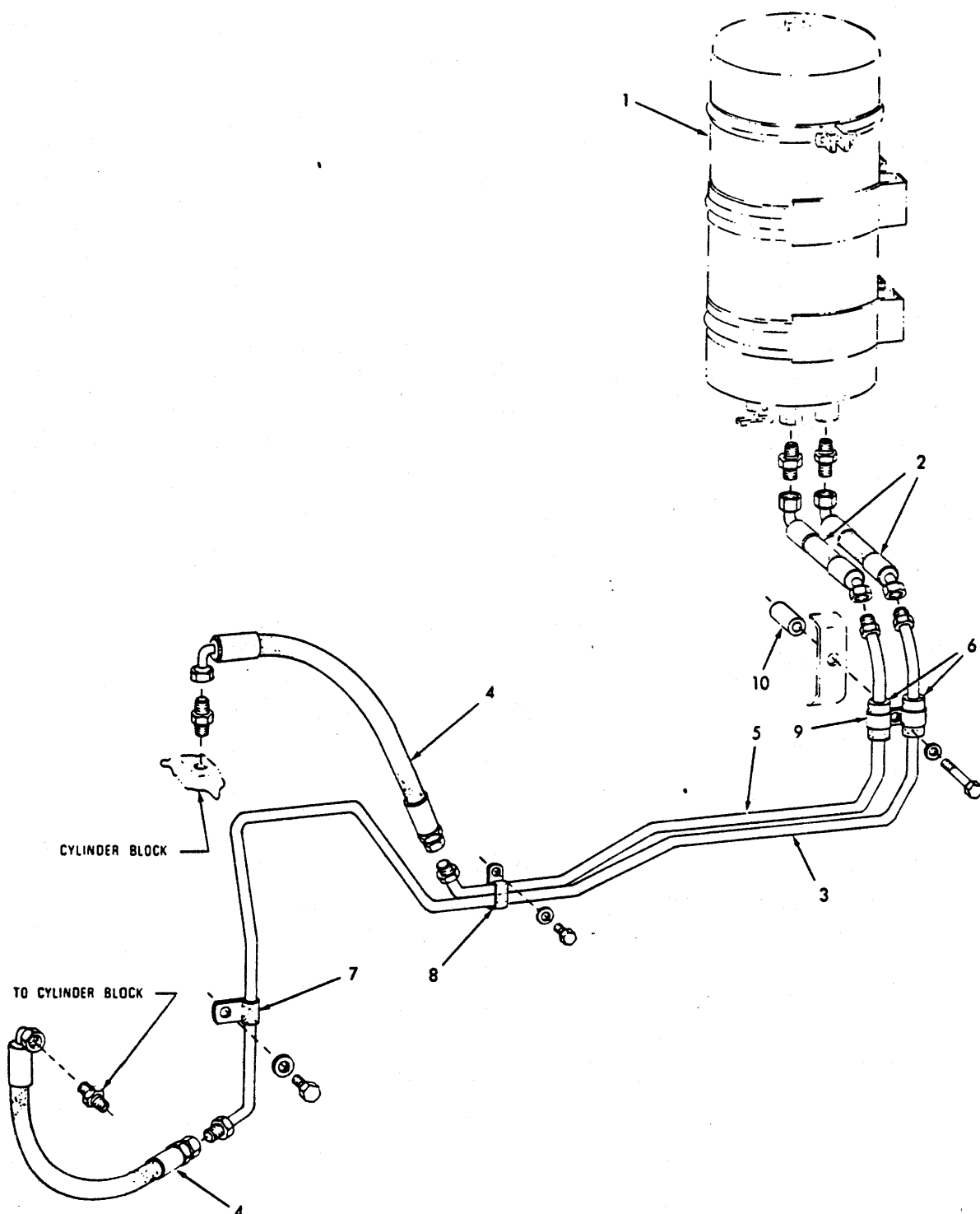
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	FILTER ASSY., oil (See page 40)
2	70676861	1	HOSE ASSY., inlet (See HOSE PARTS)
	70919128	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
3	70676864	1	TUBE, inlet
4	70676860	1	HOSE ASSY., outlet (See HOSE PARTS)
	70919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
5	70676859	1	HOSE ASSY., outlet (See HOSE PARTS)
	70919128	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
6	70676865	1	TUBE, outlet
7	70679726	1	HOSE ASSY., inlet (See HOSE PARTS)
	70919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
8	70093752	6	BOOT
9	70097534	6	CLIP, tube supporting
	70922763	2	CAPSCREW, 3/8"NC x 1"
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
10	70677006	3	WASHER, plain
11	70622922	2	CLIP, hose supporting
	70922763	1	CAPSCREW, 3/8"NC x 1"
	70677006	1	WASHER, plain

NOTE: See PAINTING AND MARKING for instruction
transfers applied to filter.

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OIL FILTER LINES (By-pass type)

T-79185

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OIL FILTER LINES (By-pass type)

USAGE: Effective with Tractor S/N 16C17345 and up.

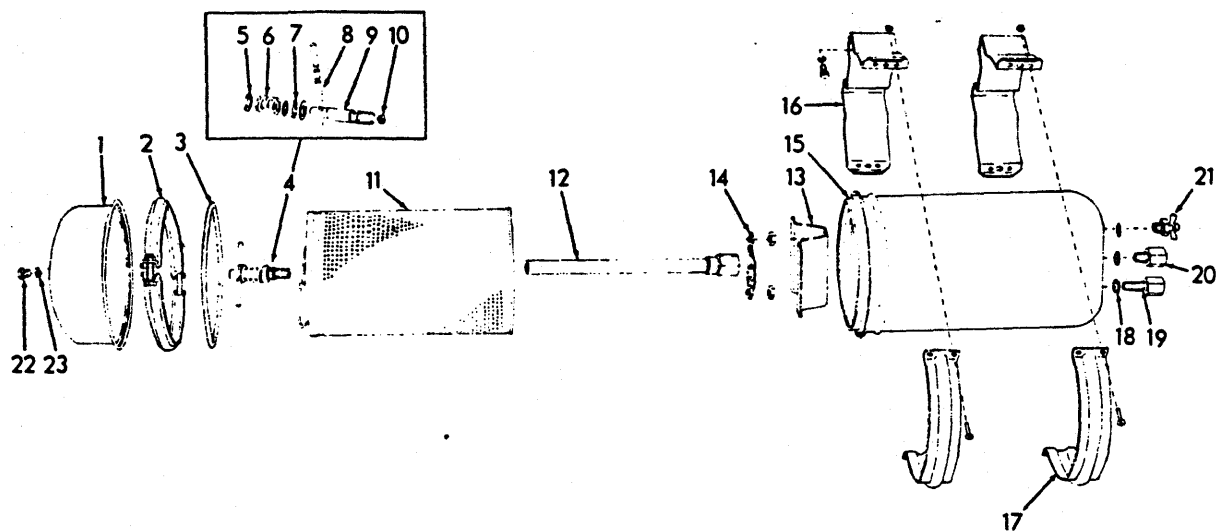
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	FILTER ASSY., oil (See page 40)
2	70680858	2	HOSE ASSY., rear (See HOSE PARTS)
	70919128	2	CONNECTOR, flare type, 1/2"tube, 1/2"NPT male
3	70680855	1	TUBE, inlet
4	70680857	2	HOSE ASSY., front (See HOSE PARTS)
	70919063	2	CONNECTOR, flare type 1/2" tube, 3/8"NPT male
5	70680854	1	TUBE, outlet
6	70093752	2	BOOT
7	70926707	1	CLAMP, tube supporting
	70921175	1	CAPSCREW, 1/2"NC x 1"
	70677008	1	WASHER, plain
8	70927445	1	CLAMP, tube supporting
	70922763	1	CAPSCREW, 3/8"NC x 1"
	70677006	1	WASHER, plain
9	70097534	2	CLIP, tube supporting
	70924843	1	CAPSCREW, 3/8"NC x 3-1/2"
	70677006	1	WASHER, plain
10	70682332	1	SPACER

NOTE: See PAINTING AND MARKING for instruction transfers applied to filters.

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OIL FILTER (By-pass type)

T-74660

USAGE: See page 39

ITEM	PART NO.	QTY.	DESCRIPTION
-	4390593-4	1	FILTER ASSY. (Includes items 1 thru 23)
	0927162-8	8	CAPSCREW, 5/16"NC x 5/8"
	0910286-4	8	LOCKWASHER, 5/16"
NOTE: Quantities indicated are for one (1) filter only			
1	4059262-8	1	COVER
2	0630540-3	1	RING ASSY. (Includes nut and bolt)
3	0082449-0	1	GASKET
4	4059266-9	1	HOLD-DOWN ASSY. (Includes items 5 thru 10)
5	0082489-6	3	WASHER
6	0082490-4	1	SPRING
7	0082487-0	1	SEAL
8	0082488-8	1	HANDLE
9	-----	1	STUD (Not serviced separately)
10	4059265-1	1	PLUG
11	4059343-6	1	ELEMENT

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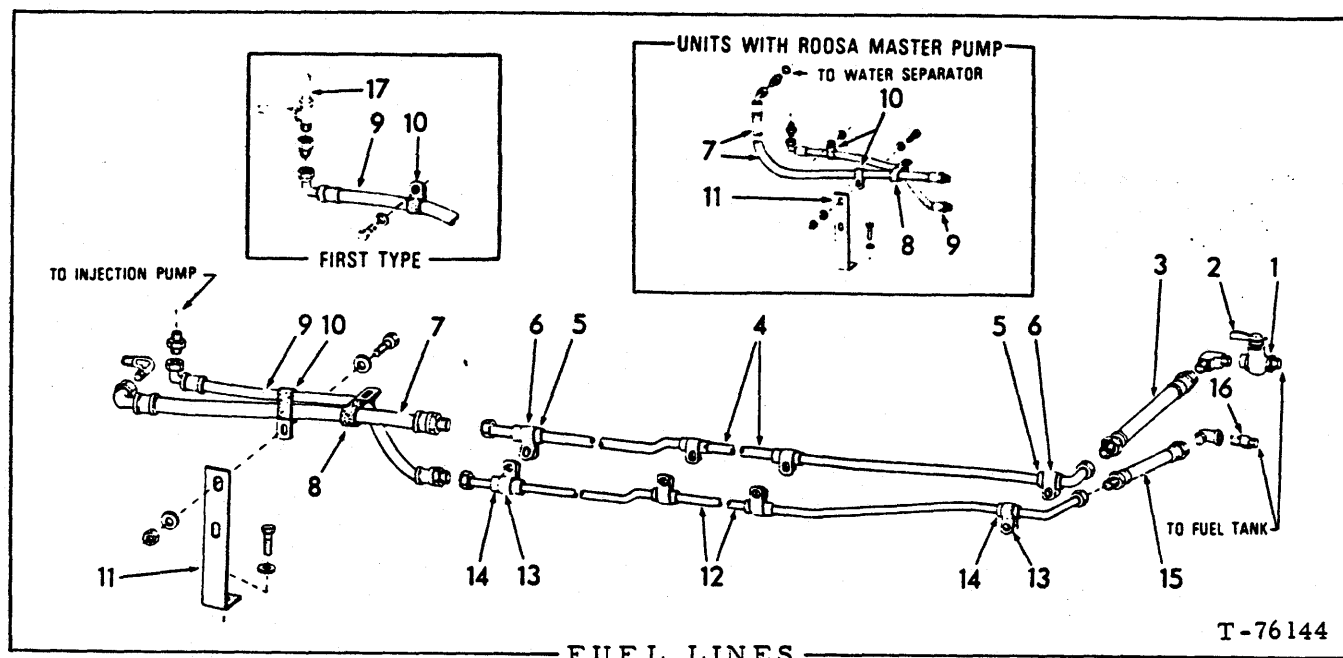
FUEL TANK

ITEM	PART NO.	QTY.	DESCRIPTION
1	0682516-0	1	TANK, fuel
	0928291-4	8	CAPSCREW, Nylok, 3/4"NC x 2-1/2"
	0677012-7	8	WASHER, plain
2	0672523-8	4	PAD, tank mounting (fabric)
3	0662132-0	1	COVER, fuel tank drain
	0921076-6	4	CAPSCREW, 3/8"NC x 1-1/4"
	0920996-6	2	CAPSCREW, 3/8"NC x 2-1/4"
	0910287-2	6	LOCKWASHER, 3/8"
4	0633519-4	1	COCK, drain
5	0656227-6	1	GASKET, drain cover
6	0664075-9	1	GAUGE, fuel level
7	0650509-3	1	STRAINER, fuel filler
8	0654840-8	1	RING, snap, fuel strainer
9	0668252-0	1	CAP ASSY., fuel tank (Consists of items 10 thru 16)
10	-----	1	CAP only (Not serviced separately)
11	0668263-7	1	GASKET, cap
12	0668806-3	1	SEAT, relief valve
	0926699-0	4	SCREW, fil-hd., brass, #10-24NC x 3/8"
13	0668806-8	1	GASKET, valve seat
14	0668805-5	1	VALVE ASSY., relief (Serviced only as a unit)
15	0664867-9	1	ELEMENT, air filter
16	0668262-9	1	COVER, tank cap
	0921181-4	2	SCREW ASSY., #10-24NC x 1/2"(Includes lockwasher)
17	0642441-0	4	SNUBBER, vibration
	0927543-9	4	CAPSCREW, 1/2"NF x 2-1/4"
	0092163-5	8	WASHER, plain

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ITEM	PART NO.	QTY.	DESCRIPTION
1	70092727	1	COCK, fuel shut-off (Includes item 2)
2	70082189	1	HANDLE, fuel shut-off cock
3	70650967	1	HOSE, fuel supply line, rear (See HOSE PARTS)(Not used when special Heavy-duty Fuel Filter is installed)
	70919206	1	ELBOW, flare type, 90°, 1/2" tube, 3/8"NPT male
4	70675241	1	TUBE ASSY., fuel supply line (Includes nuts)
5	70093752	4	BOOT, protecting, supply tube (rubber)
6	70097534	4	CLIP, supporting, supply tube
7	70675280	1	HOSE, fuel supply line, front (See HOSE PARTS)(Engine prior to serial No. 11-24094. Equipped with "Bosch" Injection Pump)
	70922872	1	ELBOW, flare type, 90°, 1/2" tube, 1/4"NPT male
	70696012	1	HOSE, fuel supply line, front (Engine #11-24094 and up equipped with "Roosa-Master" Injection Pump)
	70924403	1	CONNECTOR, flare type, 1/2" tube, straight thd. (Includes O-RING)
	70921349	1	O-RING
8	70643941	2	CLIP, hose supporting (double-hose)
9	70650765	1	HOSE, fuel return line, front (See HOSE PARTS)(Tractors prior to unit #17579)
	70924649	1	CONNECTOR, flare type, 3/8" tube, 1/8"NPT female
	70682954	1	HOSE, fuel return line, front
	70919062	1	CONNECTOR, flare type, 3/8" tube, 1/4"NPT male (Engine prior to serial No. 11-24094 equipped with "Bosch" Injection Pump)
	70924649	1	CONNECTOR, flare type, 3/8" tube, 1/8"NPT female (Engine #11-24094 and up equipped with "Roosa-Master" Injection Pump)

Tractors
unit #17579
and up

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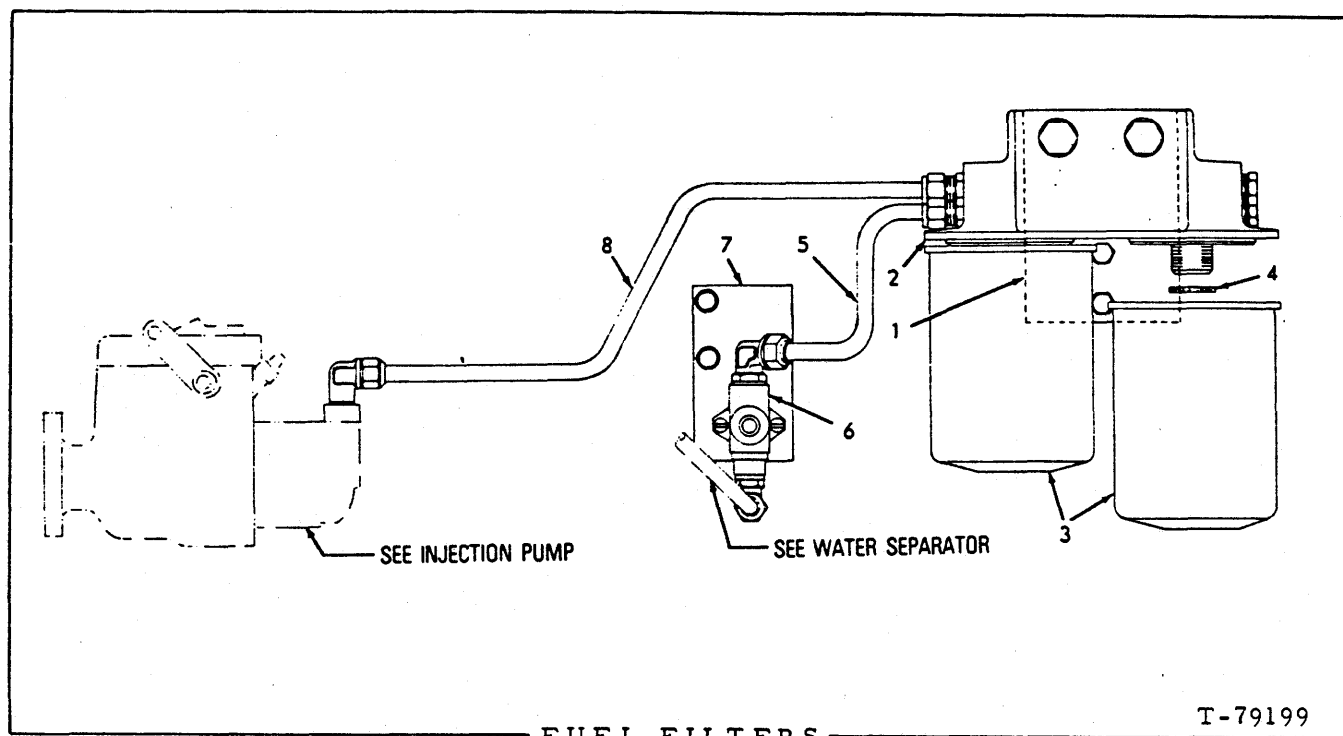
FUEL LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
10	70637741	1	CLIP, fuel return hose (single-hose)(Tractors prior to unit #17579 also used on Engine #11-24094 and up equipped with "Roosa-Master" Injection Pump)	Tractor unit #17579 and up
	70901165	1	WASHER, plain, U.S.S. Std., 5/16"	
	70643941	1	CLIP, fuel return hose (double-hose)(Engines prior to serial No. 11-24094 equipped with "Bosch" Injection Pump)	
	70621304	1	CLIP, fuel supply hose (single-hose)(Engines #11-24094 and up equipped with "Roosa-Master" Injection Pump)	
	70921076	1	CAPSCREW, 3/8"NC x 1-1/4"	
	70677006	2	WASHER, plain	
	70911026	1	NUT, 3/8"NC	
11	70682967	1	ANGLE, hose supporting	Tractors unit #17579 and up
	70920582	1	CAPSCREW, 1/2"NC x 1-1/4"	
	70677008	1	WASHER, plain	
12	70675242	1	TUBE ASSY., fuel return line (Includes nuts)	
13	70055234	4	CLIP, supporting, return tube	
14	70093751	4	BOOT, protecting, return tube (rubber)	
15	70681242	1	HOSE, fuel return line, rear (See HOSE PARTS)	
	70921852	1	ELBOW, flare type, 90°, 3/8" tube, 1/4"NPT female	
16	70914378	1	VALVE, shut-off, fuel return line (1/4"NPT)	
17	-----	-	See INJECTION FUEL RETURN LINES	

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USAGE: Engine serial No. 11-24094 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359666	1	BRACKET, filter mounting
	70914670	2	CAPSCREW, 5/16"NC x 1-1/4"
	70904205	2	LOCKWASHER, 5/16"
2	74393077	1	HEAD ASSY., fuel filter (Includes insert which is not serviced separately)
	70922577	2	PLUG, hex-hd., 9/16" straight thd. (Includes O-RING)
	70921885	2	O-RING
	70918683	2	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
	70912333	2	WASHER, plain
3	74028945	2	ELEMENT, fuel filter (Includes item 4)
4	70923934	2	O-RING
5	74321191	1	TUBE, hand pump to filter
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70917810	2	NUT, Imperial, 3/8" tube
	74359776	1	CONNECTOR (Includes O-RING)
	70921885	1	O-RING
	74023720	1	ELBOW (Includes O-RING)
	70921884	1	O-RING
6	-----	1	PUMP, hand primer (See page 44D)
	70902174	2	SCREW, machine, #10NF x 7/8"
	70904203	2	LOCKWASHER, #10

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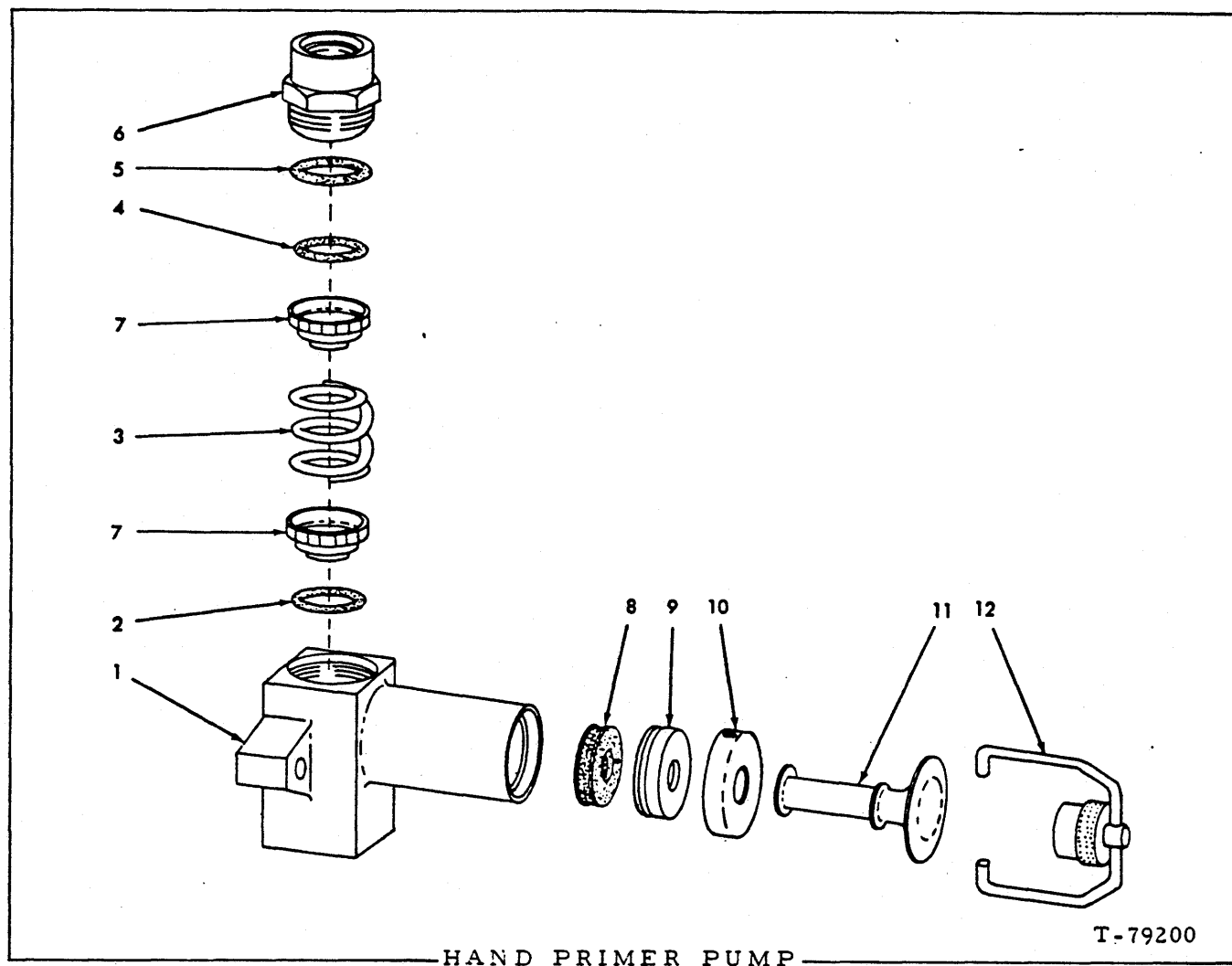
FUEL FILTERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74321190	1	BRACKET, hand pump mounting
	70914392	2	CAPSCREW, 5/16"NC x 1"
	70904205	2	LOCKWASHER, 5/16"
	70929100	1	WASHER, plain
8	74321192	1	TUBE ASSY. (Includes NUTS and SLEEVES)
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70917810	2	NUT, Imperial, 3/8" tube
	74359776	1	CONNECTOR (Includes O-RING)
	70921885	1	O-RING
	70920280	1	ELBOW, Imperial, 90°, 3/8" tube, 1/4" NPT male

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USAGE: See page 44B

ITEM	PART NO.	QTY.	DESCRIPTION
-	74024229	1	PUMP ASSY., primer (Includes items 1 thru 12)
1	-----	1	BODY, pump (Not serviced separately)
2	74060695	1	O-RING
3	74050638	1	SPRING, valve retainer
4	74048649	1	SEAL, valve nut (inner)
5	74050645	1	RING, seal, valve nut
6	74060956	1	NUT, valve
7	74050637	2	VALVE, primer pump
8	74053035	1	SEAL, piston
9	74053037	1	GUIDE, plunger
10	74059620	1	CAP, guide retainer
11	74053036	1	PLUNGER, pump
12	74050646	1	CLAMP ASSY. (Includes screw and wire)

INJECTION PUMP

USAGE: Engines prior to serial No. 11-24094

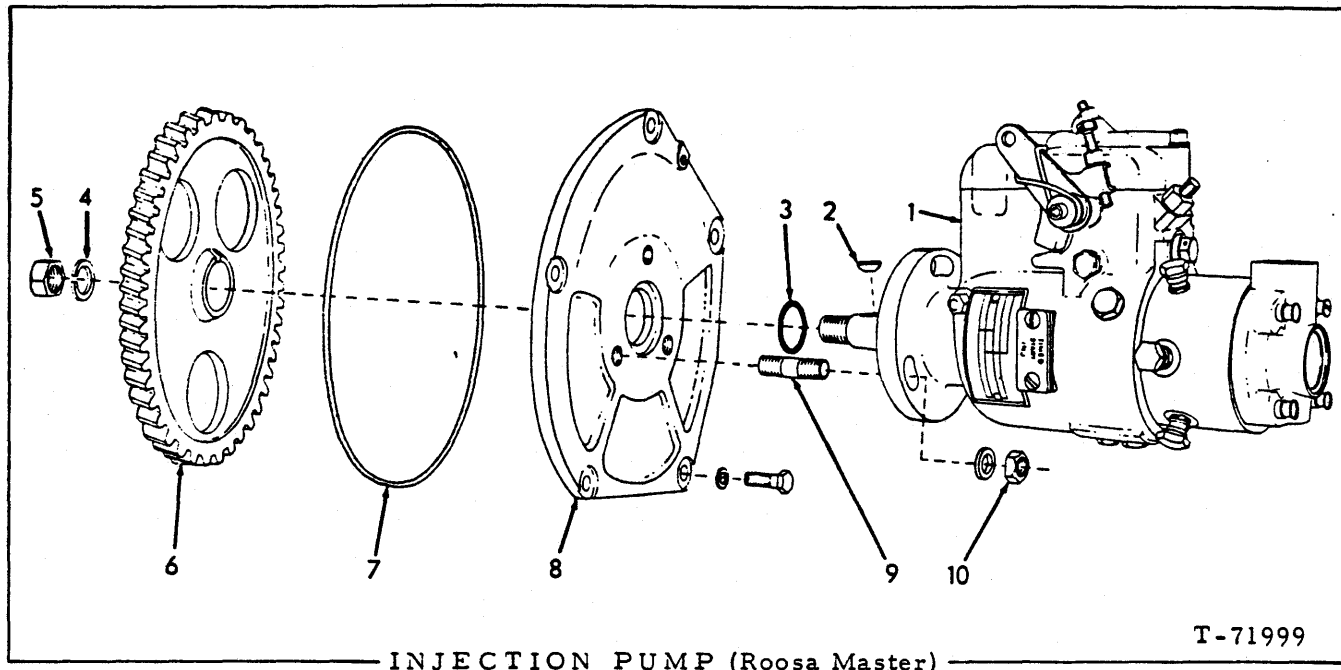
ITEM PART NO. QTY. DESCRIPTION

1	74061285	1	PUMP KIT, injection (Includes item 2 thru 5)(Service replacement for original factory adjusted PUMP ASSEMBLIES 4359826-7, 4320816-4 and 4320940-2, requires calibration)
	74060141	1	KEY
	70914847	4	CAPSCREW, 3/8"NC x 1-1/2"
	70916275	1	CAPSCREW, 3/8"NC x 3-3/4"
	74344674	2	WASHER, plain
	70904206	4	LOCKWASHER, 3/8"
	70914900	4	WASHER, plain
	70910324	1	NUT, 3/8"NC
2	74060140	1	LOCKWASHER, adaptor retaining
3	74060139	1	NUT, adaptor retaining
4	74359663	1	ADAPTOR, gear mounting
5	74060799	1	O-RING, pump mounting
6	74359345	1	GEAR, pump driving (Engines prior to #11-18538)
	74359912	1	GEAR, pump driving (Engines #11-18538 and up)
	74255060	3	CAPSCREW, 3/8"NC x 1"
7	-----	1	COVER, pump mounting (Engines prior to #11-18538)(Order COVER 4359911-7, 1 SETSCREW 0922747-1 and 2 PLUG 0918887-1)
	70920333	1	PLUG, pipe
	70920473	5	CAPSCREW, Nylok, 3/8"NC x 3/4"
	74359911	1	COVER, pump mounting (Engines #11-18538 and up)
	70918887	2	PLUG, pipe, ctsk. -hex-socket, 3/8"NPT
	70922747	1	SETSCREW, nylok
	70920473	4	CAPSCREW, nylok, 3/8"NC x 3/4"
8	70924139	1	☐ O-RING, pump mounting cover
9	74359348	1	BRACKET, pump mounting, rear
	70915408	1	CAPSCREW, 3/8"NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
10	74359661	1	TUBE ASSY. (Includes NUTS and SLEEVES)
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube (rubber)
	70920279	1	CONNECTOR, Imperial, 3/8" tube, 1/4"NPT
	70920280	1	ELBOW, Imperial, 3/8" tube, 1/4"NPT
11	74359667	1	PIPE
12	74359344	1	TUBE ASSY. (Includes NUTS and SLEEVES)
	70917810	2	NUT Imperial 3/8" tube
	70917807	2	SLEEVE, Imperial 3/8" tube
	70920790	2	ELBOW, Imperial, 3/8" tube, 1/8"NPT

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USAGE: Engine serial No. 11-24094 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74321202	1	PUMP ASSY., injection (Includes items 2 thru 5. See your F-A dealer for pump service).
2	70910224	1	KEY, #6 woodruff, 5/32" x 5/8"
3	74048596	1	SEAL, pump mounting
4	74048598	1	LOCKWASHER, gear retaining
5	74048597	1	NUT, gear retaining
6	74339851	1	GEAR, pump drive
7	70924139	1	O-RING, pump mounting cover
8	74320703	1	COVER ASSY., pump mounting (Includes item 9)
	70921520	5	CAPSCREW, Nylok, 3/8"NC x 7/8"
	70910287	5	LOCKWASHER, 3/8"
9	74344938	3	STUD, pump attaching
10	70910123	3	NUT, 3/8"NF
	74371718	3	WASHER, serrated

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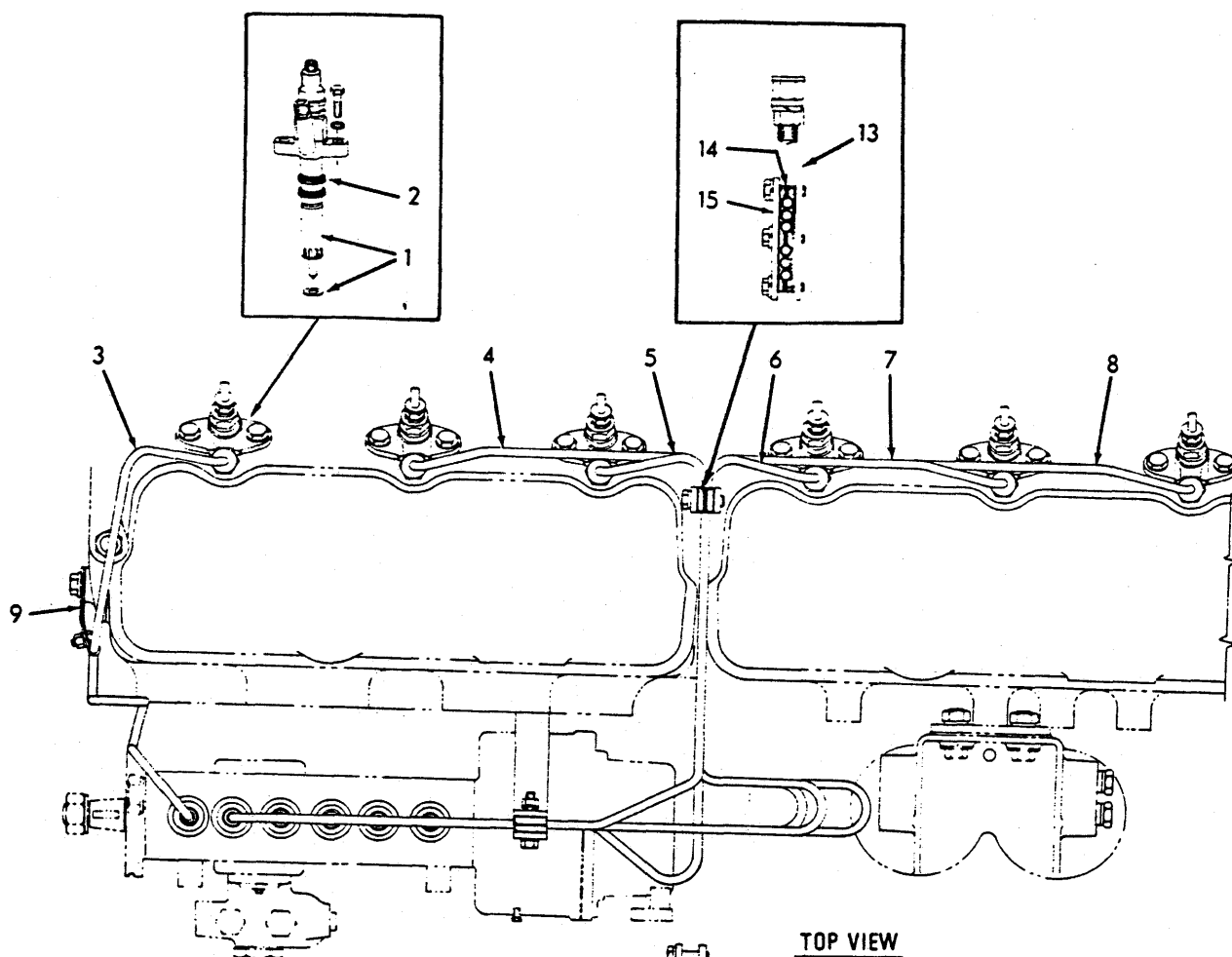
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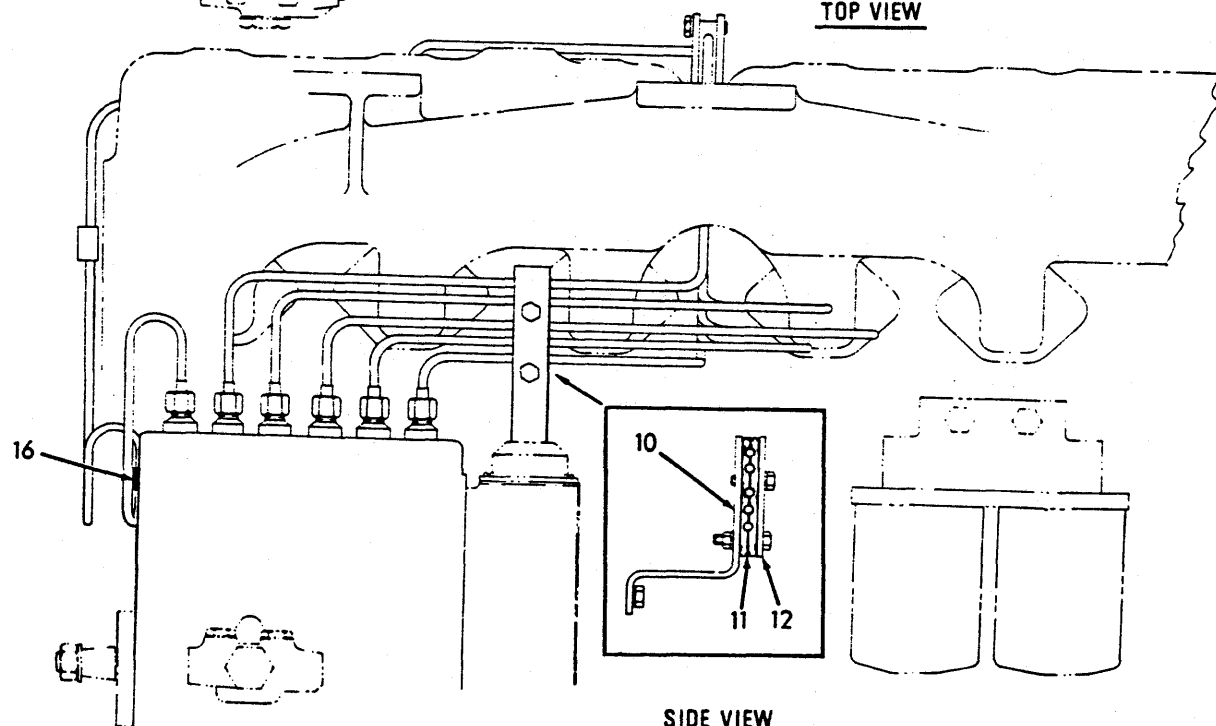
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TOP VIEW



SIDE VIEW

INJECTION NOZZLES AND LINES

T-76302

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INJECTION NOZZLES AND LINES

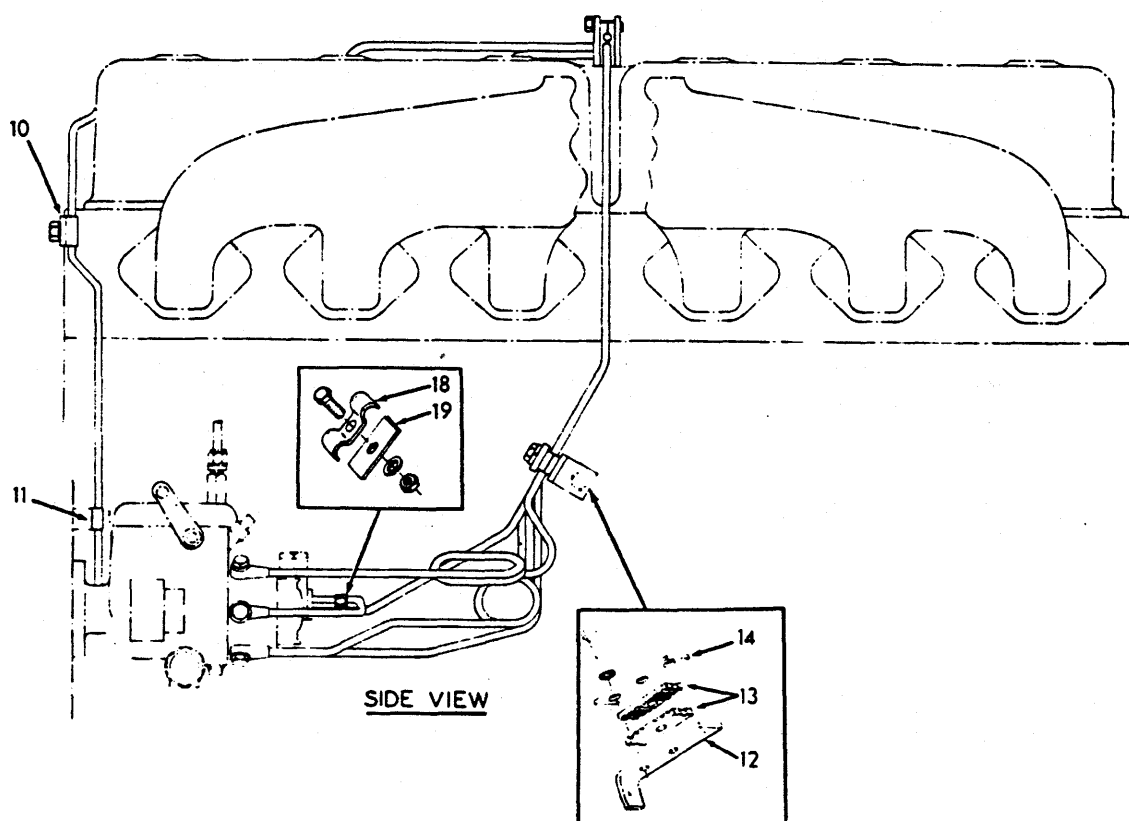
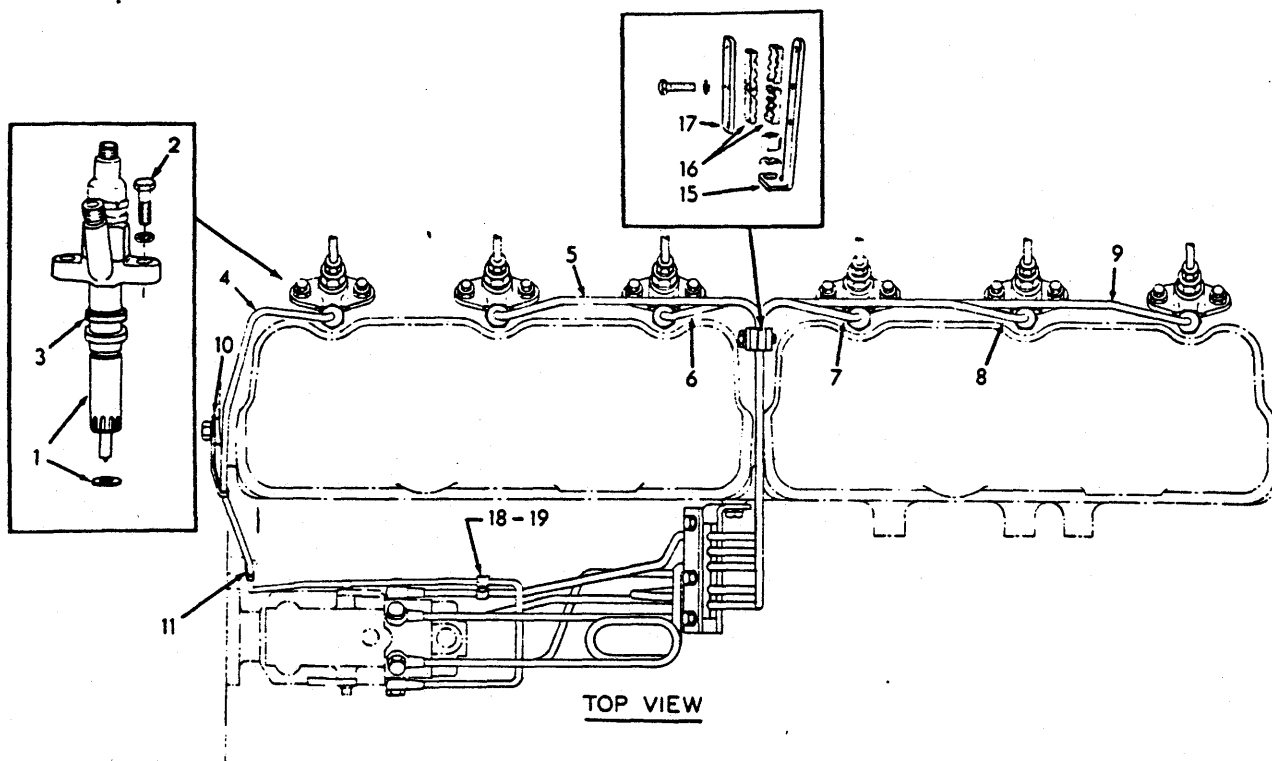
USAGE: Engines prior to serial No. 11-24094

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	HOLDER ASSY., injection nozzles (See page 52 and 52A)
	70914847	12	CAPSCREW, 3/8"NC x 1-1/2"
	70904206	12	LOCKWASHER, 3/8"
2	74025385	12	SHIELD, dirt
3	74359326	1	TUBE ASSY., fuel injection (#1 cylinder)
4	74359327	1	TUBE ASSY., fuel injection #2 cylinder)
5	74359328	1	TUBE ASSY., fuel injection (#3 cylinder)
6	74359329	1	TUBE ASSY., fuel injection (#4 cylinder)
7	74359330	1	TUBE ASSY., fuel injection (#5 cylinder)
8	74359331	1	TUBE ASSY., fuel injection (#6 cylinder)
9	74256001	1	CLIP, injection tube (#1 cylinder)
	70916284	1	CAPSCREW, 1/4"NC x 1/2"
	70910285	1	LOCKWASHER, 1/4"
	70910880	1	NUT, 1/4"NC
10	74359333	1	BRACKET, tube supporting, lower
	70915408	1	CAPSCREW, 3/8"NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
11	74336532	2	SPACER, injection tubes, lower
12	74339334	1	PLATE, clamping, injection tubes, lower
	70914670	1	CAPSCREW, 5/16"NC x 1-1/8"
	70916279	1	CAPSCREW, 5/16"NC x 1-1/2"
	70904205	2	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16"NC
13	74336249	1	BRACKET, tube supporting, upper
	70910195	1	NUT, 1/2"NF
	70904208	1	LOCKWASHER, 1/2"
14	74507359	2	SPACER, injection tubes, upper
15	74336250	1	CLAMP, injection tubes, upper
	70914670	3	CAPSCREW, 5/16"NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
16	70929910	1	CLAMP
	70929911	1	CAPSCREW
	70910285	1	LOCKWASHER, 1/4"

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INJECTION NOZZLES AND LINES (Roosa Master)

T-71998

Insert in 11-B Parts Catalog 70677388
Printed in U. S. A.

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INJECTION NOZZLES AND LINES (Roosa Master)

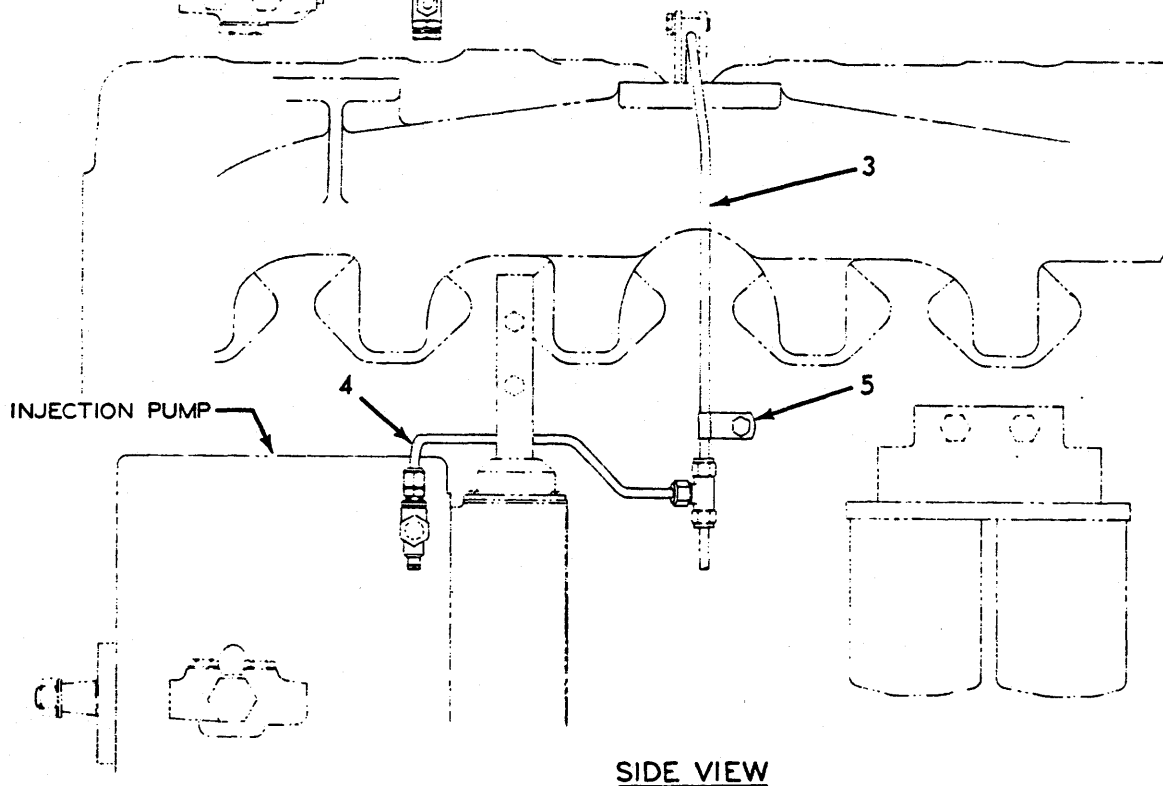
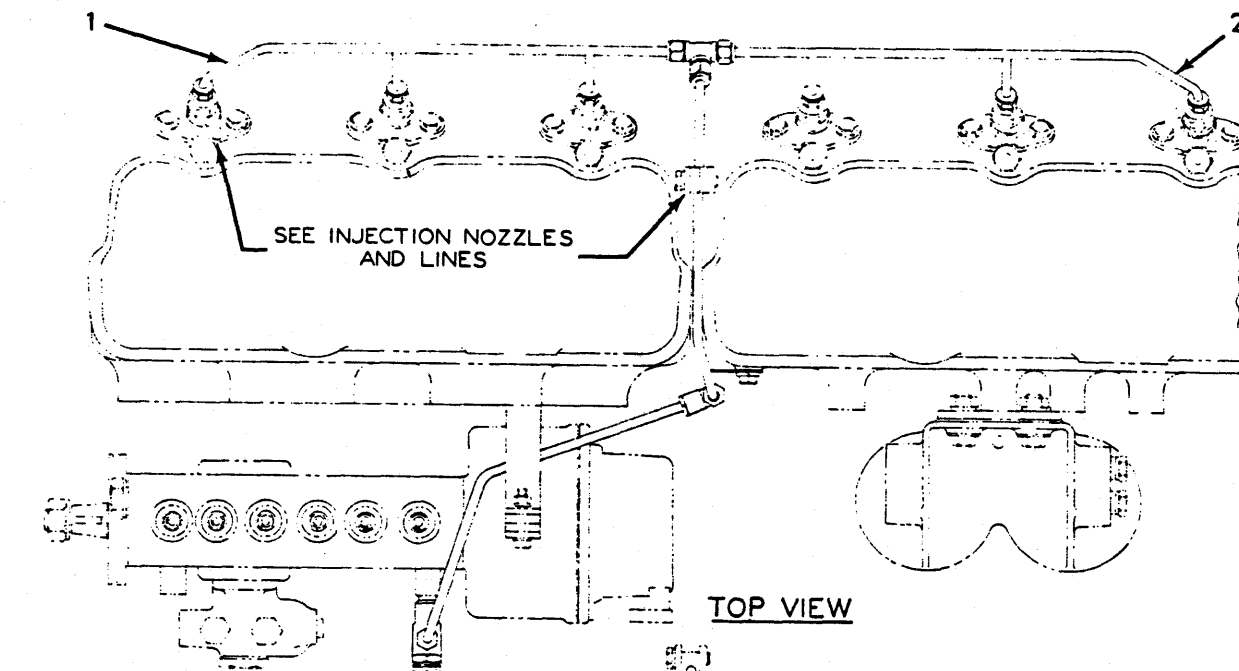
USAGE: Engine serial No. 11-24094 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320642	6	HOLDER ASSY., injection nozzles (See page 52A)
2	70914847	12	CAPSCREW, 3/8"NC x 1-1/2"
	70904206	12	LOCKWASHER, 3/8"
3	74025385	12	SHIELD, dirt
4	74359567	1	TUBE, fuel injection (#1 cylinder)
5	74339559	1	TUBE, fuel injection (#2 cylinder)
6	74339560	1	TUBE, fuel injection (#3 cylinder)
7	74339561	1	TUBE, fuel injection (#4 cylinder)
8	74339562	1	TUBE, fuel injection (#5 cylinder)
9	74339563	1	TUBE, fuel injection (#6 cylinder)
10	74256009	1	CLIP, injection tube (#1 cylinder)
	70916284	1	CAPSCREW, 1/4"NC x 1/2"
	70904204	1	LOCKWASHER 1/4"
	70910880	1	NUT, 1/4"NC
11	74354831	1	CLIP, injection tube (#1 cylinder)
	70916284	1	CAPSCREW, 1/4"NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
12	74339712	1	BRACKET, tube supporting, lower
13	74336532	2	SPACER, injection tubes, lower
14	74336531	1	PLATE, clamping, injection tubes, lower
	70914670	3	CAPSCREW, 5/16"NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
15	74336249	1	BRACKET, tube supporting, upper
	70910195	1	NUT, 1/2"NF
	70904208	1	LOCKWASHER, 1/2"
16	74507359	4	SPACER, injection tubes, upper
17	74336250	1	CLAMP, injection tubes, upper
	70914670	3	CAPSCREW, 5/16"NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
18	74513552	1	CLAMP, injection tubes
	70916278	1	CAPSCREW, 5/16"NC x 1/2"
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16"NC
19	74359106	1	PLATE, injection tube clamp

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FUEL INJECTION RETURN LINES

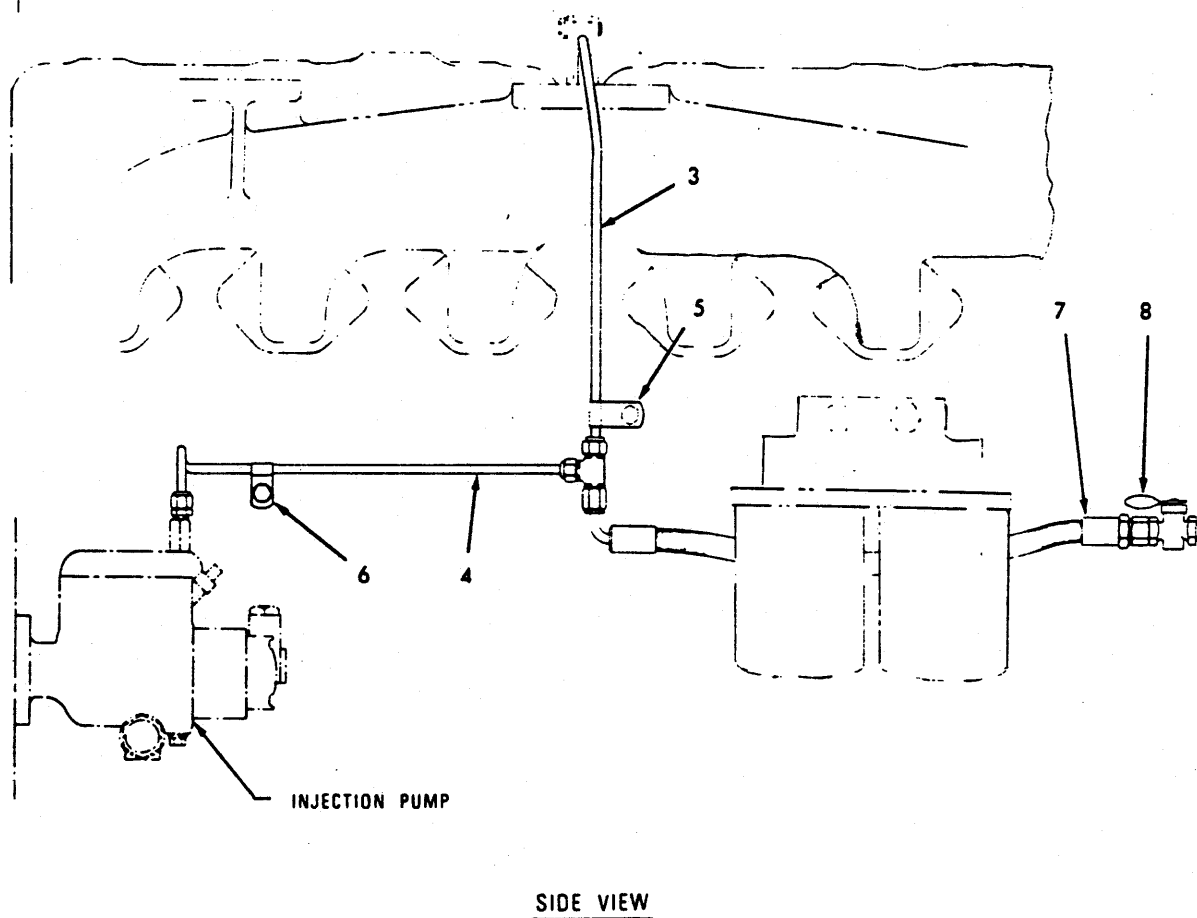
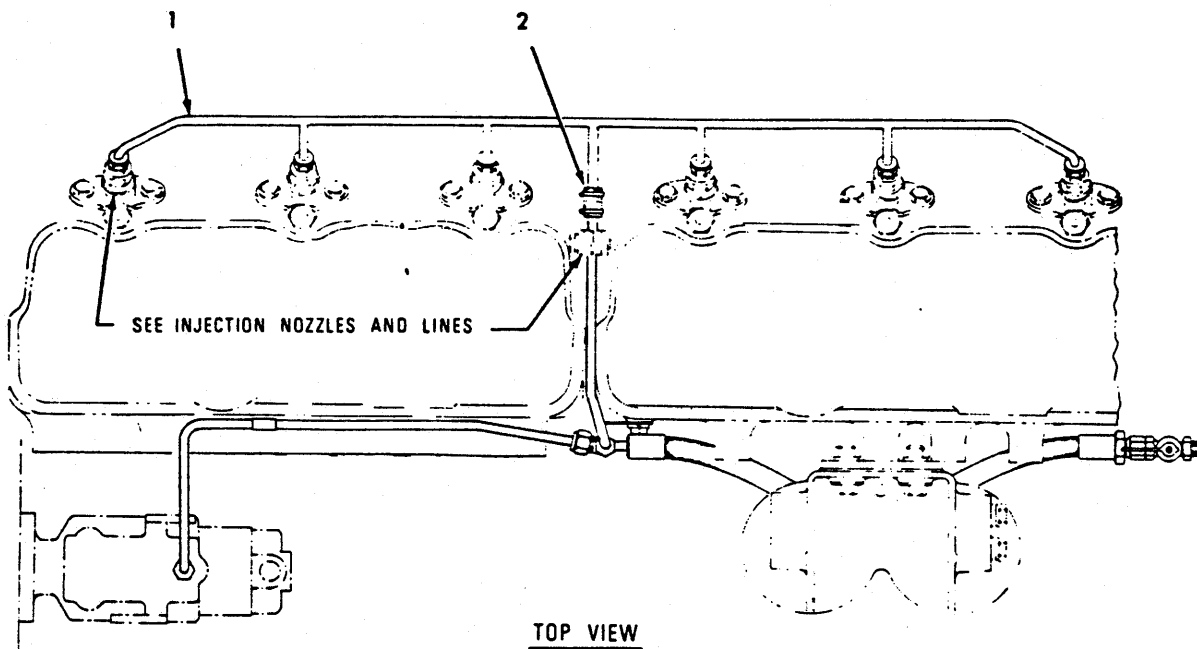
USAGE: Engines serial No. 11-20378 thru 11-24093

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320638	1	MANIFOLD, front
	70917809	6	NUT, Imperial, 1/4" tube
	70917806	6	SLEEVE, Imperial, 1/4" tube
2	74514780	1	HOSE, tube to manifold
	70927450	2	CLAMP, hose
3	74320637	1	TUBE, manifold return
	70917809	1	NUT, Imperial, 1/4" tube
	70917806	1	SLEEVE, Imperial, 1/4" tube
	70919800	1	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
4	74716090	1	CLAMP, manifold return tube
5	-----	-	See FUEL INJECTION PUMP Parts Catalog
6	-----	-	See FUEL LINES

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INJECTION FUEL RETURN LINES (Roosa Master)

T-76303

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INJECTION FUEL RETURN LINES (Roosa Master)

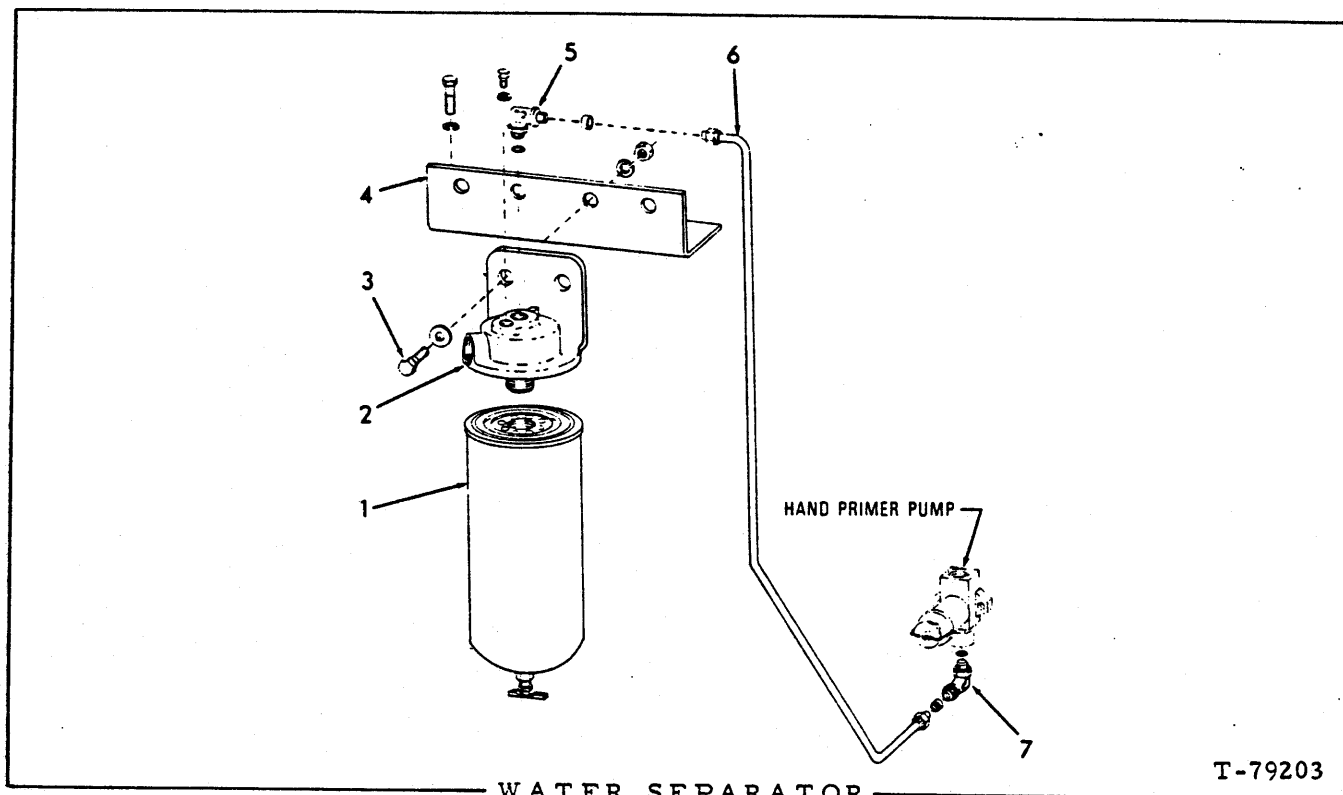
USAGE: Engine serial No. 11-24094 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320638	1	MANIFOLD, front
	70917809	6	NUT, Imperial, 1/4" tube
	70917806	6	SLEEVE, Imperial, 1/4" tube
2	74514780	1	HOSE, tube to manifold
	70927450	2	CLAMP, hose
3	74320636	1	TUBE, manifold return
	70917809	1	NUT, Imperial, 1/4" tube
	70917806	1	SLEEVE, Imperial, 1/4" tube
	70920411	1	TEE, service, Imperial, 1/4" tube, 1/8"NPT male
4	74339690	1	TUBE, pump return
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	2	SLEEVE, Imperial, 1/4" tube
	70919800	1	CONNECTOR, Imperial, 1/4" tube, 1/8"NPT male
5	74339949	1	CLAMP, manifold return tube
	70916277	1	CAPSCREW, 5/16"NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"
6	74253435	1	CLIP, pump return tube
	70916277	1	CAPSCREW, 5/16"NC x 5/8"
	70904205	1	LOCKWASHER 5/16"
7	70671042	1	HOSE, fuel return (See HOSE PARTS)
	70919174	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
	70919140	1	CONNECTOR, flare type, 1/4" tube, 1/4"NPT male
8	70099433	1	COCK, fuel shut-off (1/4"NPT male and female)

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WATER SEPARATOR

T-79203

USAGE: Engine serial No. 11-24094 and up

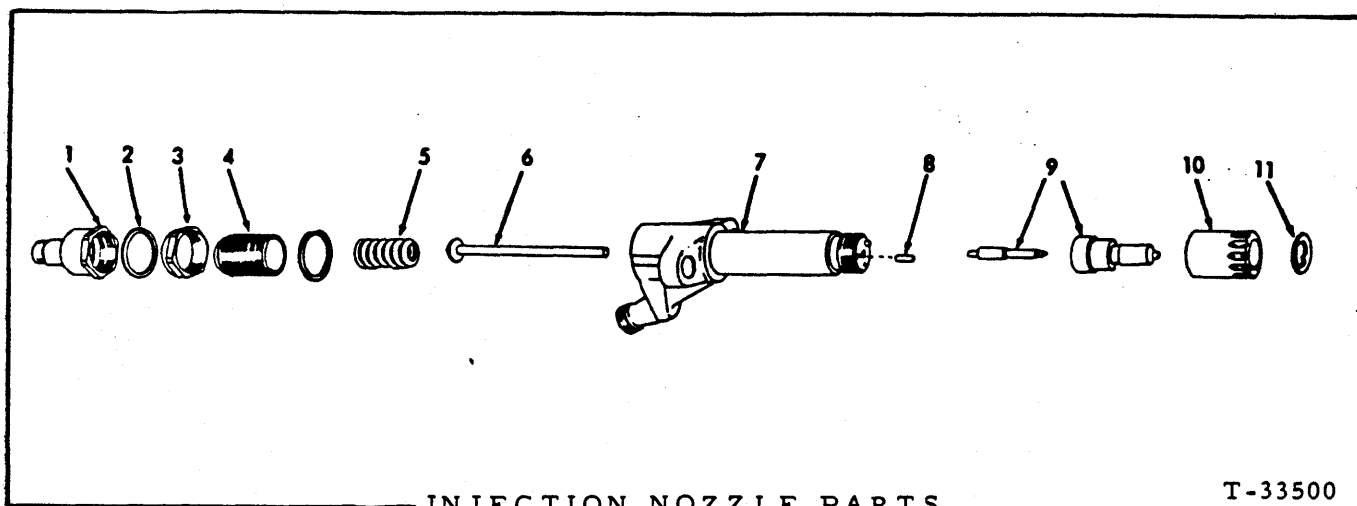
ITEM	PART NO.	QTY.	DESCRIPTION
1	74394407	1	FILTER ELEMENT
2	74394408	1	BASE ASSY. (Includes insert and hardware indented below)
	70920612	1	CAPSCREW, 3/8"NF x 1/2"
	74251367	1	WASHER
3	70916191	2	CAPSCREW, 7/16"NC x 1-1/2"
	70910919	2	WASHER, plain
	70914678	2	LOCKWASHER, 7/16"
	70912201	2	NUT, 7/16"NC
4	74321112	1	BRACKET
	70916311	3	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	3	LOCKWASHER, 1/2"
5	74023721	1	ELBOW ASSY. (Includes O-RING)
	70921885	1	O-RING
6	74321193	1	TUBE, filter to hand pump
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70917810	2	NUT, Imperial, 3/8" tube
7	74023720	1	ELBOW ASSY. (Includes O-RING)
	70921884	1	O-RING

NOTE: See PAINTING AND MARKING

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INJECTION NOZZLE PARTS

T-33500

USAGE: See page 49. Engines prior to serial No. 11-20378

ITEM PART NO. QTY. DESCRIPTION

NOTE: Quantities indicated are for one (1) Holder Assembly only.

-	4359401-9	1	HOLDER ASSY. (Engines prior to #11-1899 excluding #11-18862 thru #11-18934)	} Not serviced. Order HOLDER ASSY. 4060856-4 and item 9
-	4359396-1	1	HOLDER ASSY. (Engines #11-18999 and up including #11-18862 thru #11-18934)	
-	4060856-4	1	HOLDER ASSY. (Includes items 1 thru 8, 10 and 11)	
1	4021227-6	1	CAP	
2	4511243-0	2	GASKET, cap nut	
3	4511213-3	1	NUT, locking	
4	4378033-7	1	SCREW, adjusting	
5	4380652-0	1	SPRING	
6	4380656-1	1	SPINDLE	
7	-----	1	BODY (Not serviced separately)	
8	4025149-8	2	PIN, nozzle locating	
9	4359591-7	1	NOZZLE ASSY., (Includes item 11 (For use with HOLDER ASSY. 4359401-9)	
	4359395-3	1	NOZZLE ASSY. (Includes item 11)(For use with HOLDER ASSY. 4359396-1)	
10	4380662-9	1	NUT, nozzle retaining	
11	4378031-1	1	□ GASKET, nozzle holder	

(Revised February 1974)

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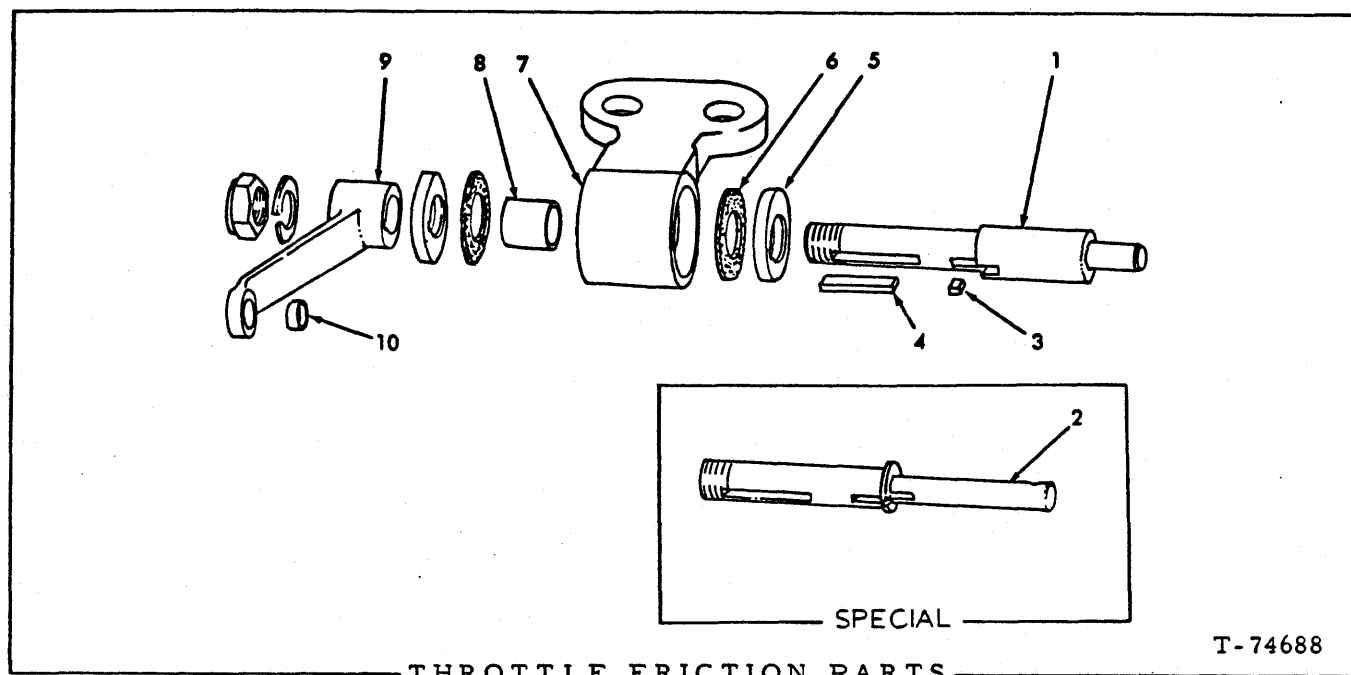
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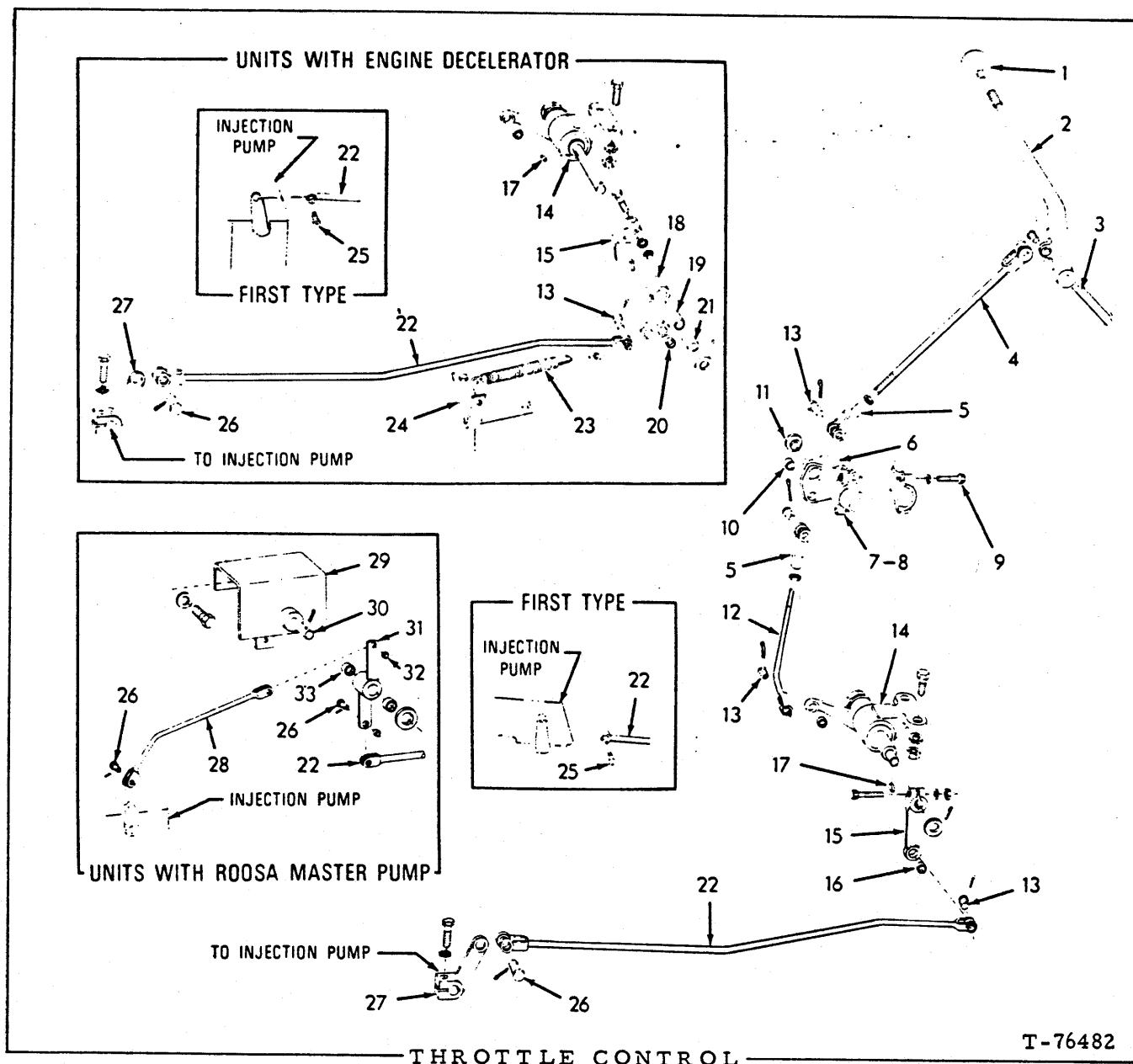
USAGE: See page 55

ITEM	PART NO.	QTY.	DESCRIPTION
-	0643898-0	1	FRICTION ASSY., (Includes item 1 and 3 thru 10)(Standard)
-	0634087-1	1	FRICTION ASSY., (Includes items 2 thru 10)(Special, for units equipped with engine decelerator)
1	0643897-2	1	SHAFT, throttle levers (For FRICTION ASSY., 0643898-0)
	0904369-6	1	LOCKWASHER, 3/4"
	0914452-8	1	NUT, elastic stop, 3/4"
2	0634088-9	1	SHAFT, throttle levers (For FRICTION ASSY., 0634087-1)
	0904369-6	1	LOCKWASHER, 3/4"
	0914452-8	1	NUT, elastic stop, 3/4"
3	0632716-7	1	KEY, friction washer (short)
4	0916024-3	1	KEY, friction washer and lever (3/16" x 3/16" x 1-14")
5	0632710-0	2	WASHER, friction
6	0632747-2	2	DISC, friction
7	0632766-2	1	HOUSING ASSEMBLY, friction (Includes item 8)
8	0632752-2	1	BUSHING, friction housing
9	0633122-7	1	LEVER ASSEMBLY, friction (Includes item 10)
10	0624584-9	1	BUSHING, friction lever

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* Standard

** Special. For units equipped with engine decelerator

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	70090020	1 1	KNOB, throttle lever
2	70679883	1 1	LEVER, throttle
3	-----	- -	SHAFT, operating lever (See STEERING LEVERS AND LINKAGE)
4	70665589	1 1	ROD, upper
	70911048	1 1	NUT, jam, 3/8" NF
5	70628736	2 2	YOKE, upper rods
6	-----	- -	LEVER, operating (See STEERING LEVERS AND LINKAGE)
7	70657861	1 1	BELLCRANK ASSY. (Includes CAP and items 9 thru 11)

(Continued)

Replaces page 54 in HD-11/B Parts Catalog 70677388
Printed in U.S.A.

(Revised February 1975)

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THROTTLE CONTROL (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
8	-----	1 1	CAP, bellcrank (Not serviced separately)
9	70905658	2 2	CAPSCREW, 1/4"NC x 1-1/4"
	70904205	2 2	LOCKWASHER, 1/4"
10	70624584	1 1	BUSHING, bellcrank
11	70650712	1 1	BEARING, bellcrank (spherical)
12	70657862	1 1	ROD, intermediate, upper
	70911048	1 1	NUT, jam, 3/8"NF
13	70078810	5 5	PIN, yoke, control rods
	70900942	5 5	PIN, cotter, 3/32" x 5/8"
14	-----	1 1	FRICITION ASSY. (See page 53)
	70910244	1 1	WASHER, plain, SAE std., 1/2"
	70900806	1 1	PIN, cotter, 1/8" x 1"
	70920574	2 2	CAPSCREW, 1/2"NC x 1-3/8"
	70912441	2 2	LOCKWASHER, 1/2"
	70911028	2 2	NUT, 1/2"NC
15	{ 70633469	1 -	LEVER ASSY., friction shaft (Includes item 16)
	70633123	- 1	LEVER, friction shaft
	70920660	1 1	CAPSCREW, 5/16"NC x 1-1/2"
	70910286	1 1	LOCKWASHER, 5/16"
	70911025	1 1	NUT, 5/16"NC
16	70624584	1 -	BUSHING, friction shaft lever
17	{ 70905119	1 -	KEY, friction shaft lever
	70632756	- 1	KEY, friction shaft lever
18	70666795	- 1	LEVER ASSY., intermediate lower rod (Includes items 19 and 20)
19	70631476	- 1	BUSHING, intermediate lower rod lever (large)
20	70624584	- 2	BUSHING, intermediate lower rod lever (small)
21	70610563	- 1	SPACER
22	{ -----	1 -	ROD, intermediate, lower (Tractors prior to unit #16559. Order ROD 70681819 and items 26 and 27)
	70681819	1 -	ROD, intermediate, lower (Tractors unit #16559 thru Engine #11-24093. Not for units with "Roosa-Master Injection Pump)
	70696542	1 -	ROD, intermediate, lower (Engines #11-24094 and up equipped with "Roosa-Master" Injection Pump)
	-----	- 1	ROD, intermediate, lower (Tractors prior to unit #16559. Order ROD 70681827 and items 26 and 27)
	70681827	- 1	ROD, intermediate, lower (Tractors unit #16559 thru Engine #11-24093. Not for units with "Roosa Master" Injection Pump)
	70696547	- 1	ROD, intermediate, lower (Engines prior to #11-24093 equipped with "Roosa Master" Injection Pump)
23	70043881	- 1	SPRING, intermediate lower rod
24	70634072	- 1	BRACKET, intermediate lower rod spring
	70927541	- 2	CAPSCREW, 1/4"NC x 3/4" } Also attach timing
	70904204	- 2	LOCKWASHER, 1/4" } hole cover.

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THROTTLE CONTROL (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
25	70679087	1	1	SCREW, shoulder (Tractors prior to unit #16559)	
26	70628738	1	1	PIN, yoke, intermediate lower rod	} Tractors unit #16559 and up. 2 additional pins with 'Roosa-Master' Injection Pump)
	70900970	1	1	PIN, cotter, 1/16" x 1/2"	
27	74393259	1	1	LEVER, intermediate lower rod	} Effective with tractors unit #16559 thru engine #11-24093. Not for units with 'Roosa-Master' Injection Pump
	70927612	1	1	CAPSCREW, 5/16" NC x 5/8"	
	70910286	1	1	LOCKWASHER, 5/16"	
28	70696543	1	1	ROD, front, lower	} Engines #11-24094 and up equipped with 'Roosa-Master' Injection Pump
29	70696536	1	1	BRACKET ASSY. (Includes item 30)	
	70923490	2	2	CAPSCREW, 3/8" NC x 1"	
	70928845	2	2	WASHER, plain	
30	70650685	1	1	SHAFT	
31	70696541	1	1	LEVER ASSY. (Includes items 32 and 33)	}
	70910244	2	2	WASHER, plain	
	70900806	1	1	PIN, cotter, 1/8" x 1"	
32	70624585	2	2	BUSHING, lever (small)	
33	70094332	2	2	BEARING, lever (large)	

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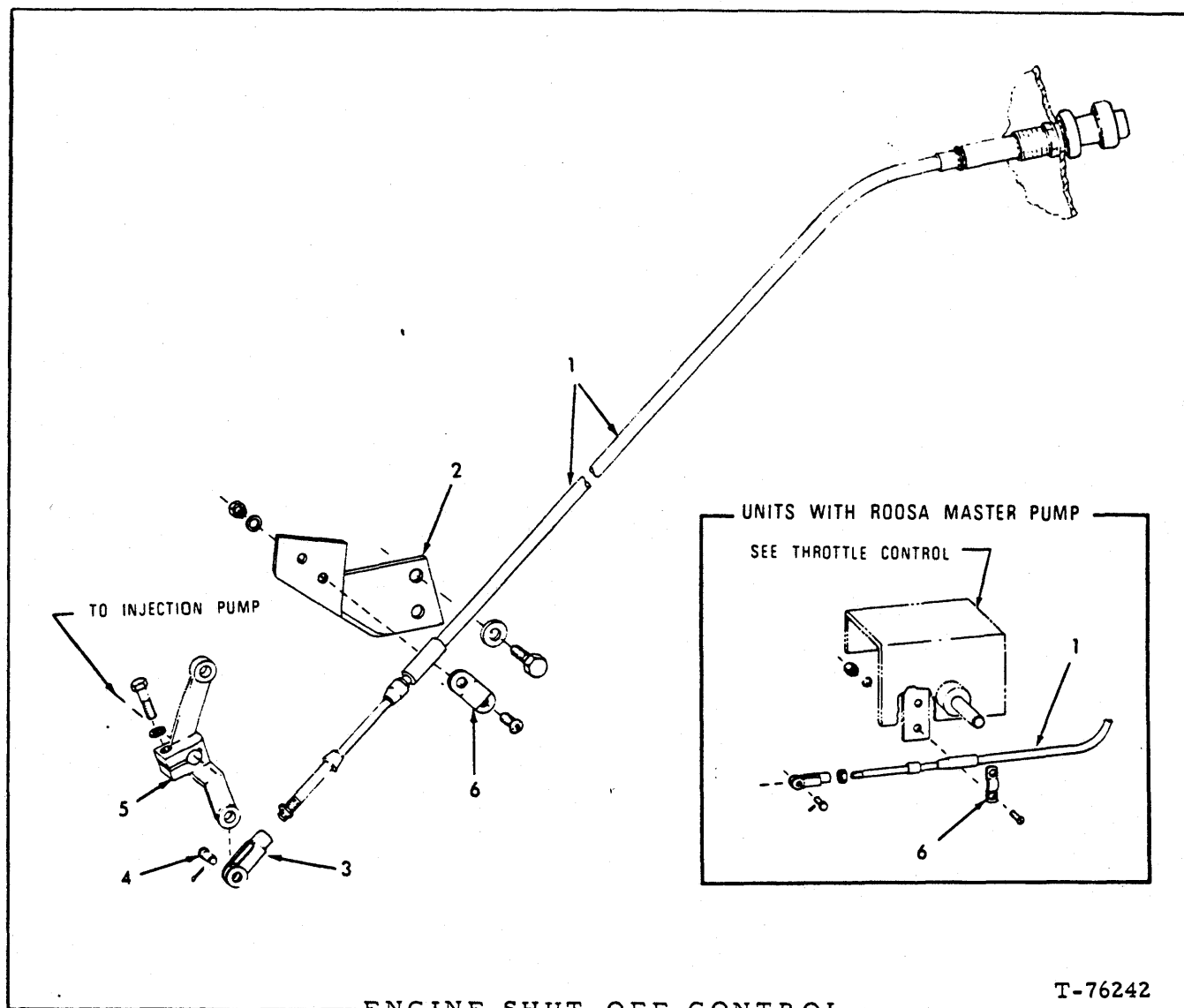
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ENGINE SHUT-OFF CONTROL

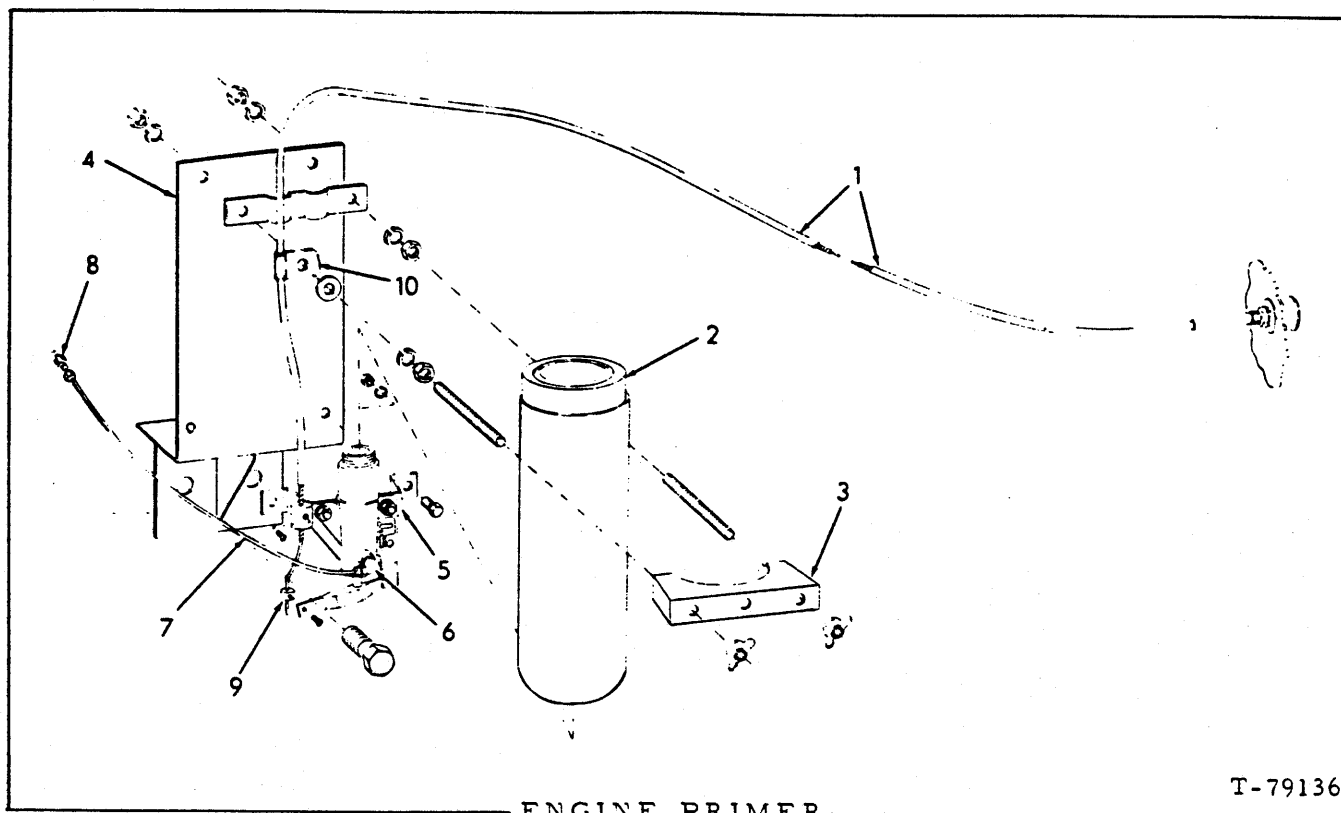
T-76242

ITEM	PART NO.	QTY.	DESCRIPTION
1	70679992	1	CABLE ASSY., push-pull (Serviced only as a unit)(Units equipped with "Bosch" Injection Pump)(Engines prior to serial No. 11-24094)
	70696433	1	CABLE ASSY., push-pull (serviced only as a unit)(Engine #11-24094 and up)(Equipped with "Roosa Master" Injection Pump)
2	70680017	1	BRACKET, cable supporting
	70922925	2	CAPSCREW, 5/16" NC x 3/4"
	70677005	2	WASHER, plain
3	70196606	1	CLEVIS
4	70628738	1	PIN, clevis
	70900970	1	PIN, cotter, 1/16" x 1/2"
5	74393260	1	LEVER ASSY. (Engines prior to #11-24094 with "Bosch" Injection Pump)
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"
6	70680023	1	CLAMP
	70901173	2	SCREW, machine, #10 NC x 5/8"
	70910284	2	LOCKWASHER, #10
	70910310	2	NUT, #10 NC

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USAGE: Special equipment. Effective April 1973.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70684988	1	CABLE ASSY., control (Includes lockwasher and mounting nut)
	70917378	2	WASHER, plain, U.S. std., 3/8"
2	73100082	1	TANK
3	70669359	1	CLAMP ASSY., tank supporting
4	70684979	1	PLATE, tank supporting
	70920582	2	CAPSCREW, 1/2"NC x 1-1/4"
5	70669526	1	BRACKET ASSY., valve
	70906820	1	SCREW, machine, #10-32 x 5/16" (cable attaching)
	70928138	2	CAPSCREW, 1/4"NC x 5/8"
	70919311	2	LOCKWASHER, 5/16"
	70911024	2	NUT, 1/4"NC
6	70688861	1	ELBOW, tube connecting
7	70669053	1	TUBE, valve to atomizer
	70912589	1	NUT, compression
	70911841	1	SLEEVE, compression
8	74320811	1	JET
9	70690421	1	STOP, cable
	70906820	1	SCREW, machine, #10-32 x 5/16"
10	70639388	1	CLIP, cable supporting
	70910335	1	WASHER, plain, SAE std., 5/16"

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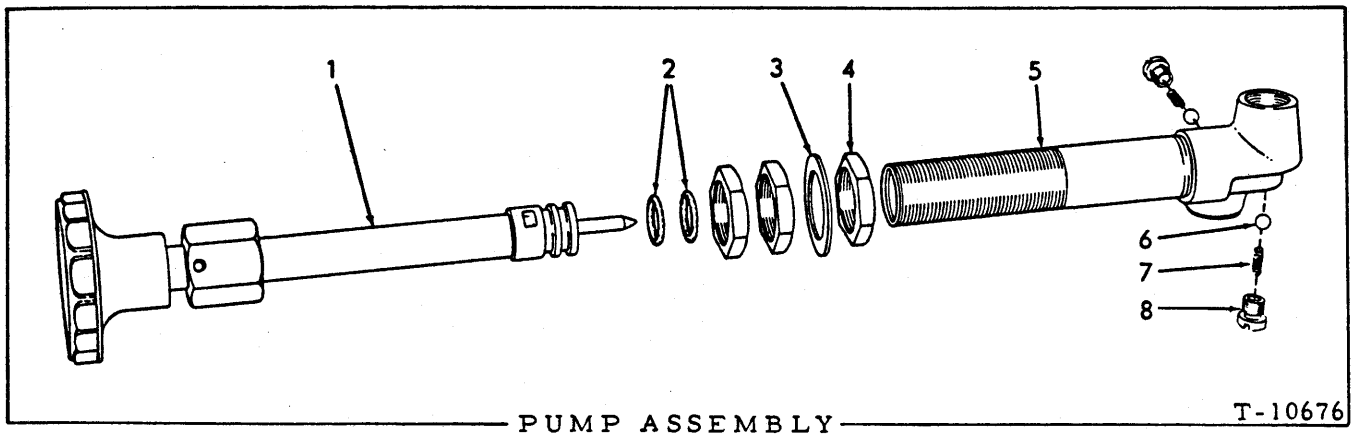
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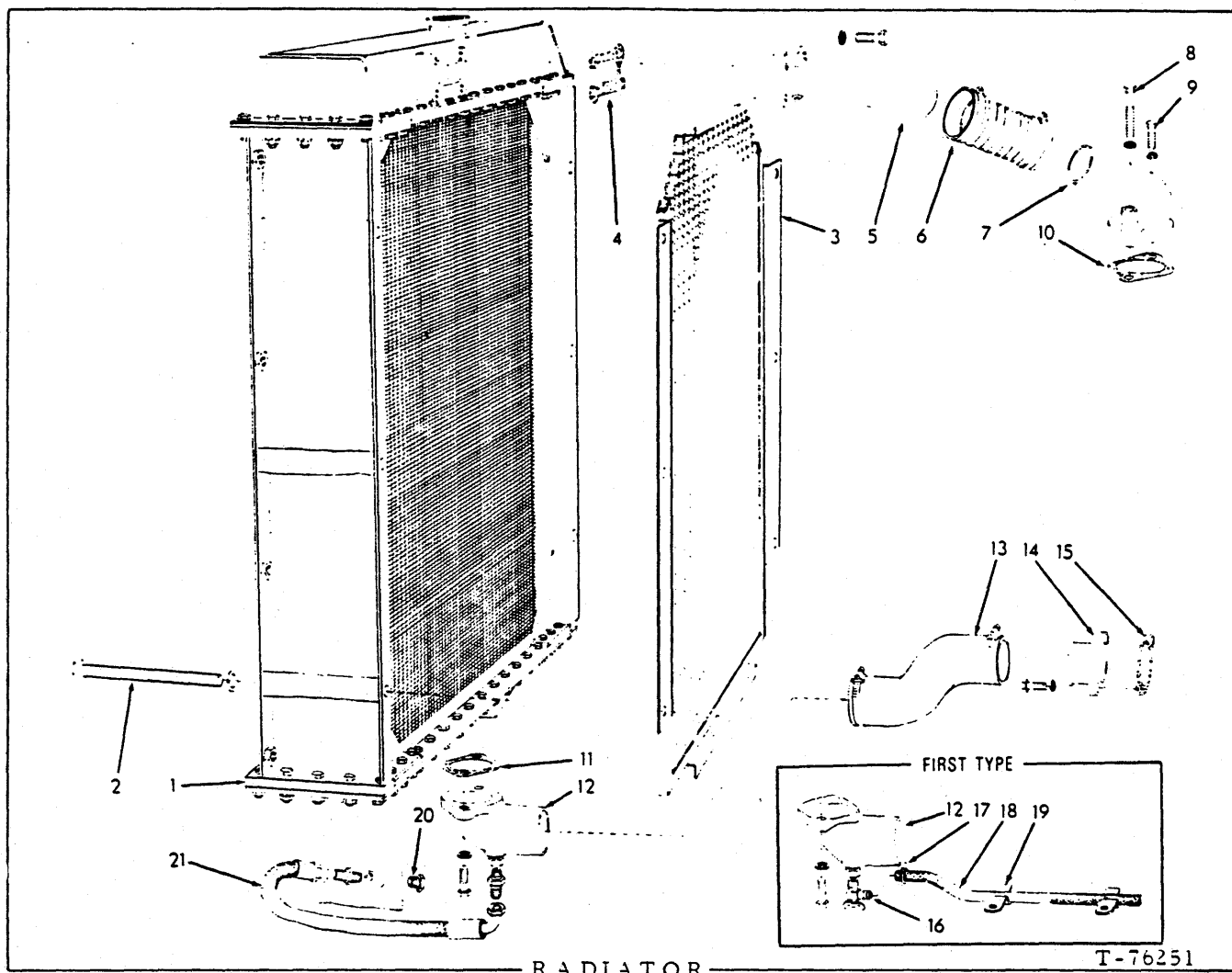
USAGE: See page 69

ITEM	PART NO.	QTY.	DESCRIPTION
-	0092160-1	1	PUMP ASSY. (Includes items 1 thru 8)
1	-----	1	PISTON ASSY. (Not serviced separately)
2	0923560-7	2	O-RING, plunger
3	0066873-1	1	WASHER, mounting
4	0066872-3	3	NUT, mounting
5	-----	1	BARREL ASSY. (Not serviced separately)
6	0066876-4	2	BALL, check valve (5/32" diam.)
7	0066875-6	2	SPRING, check valve
8	0066874-9	2	RETAINER, check valve

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ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	RADIATOR ASSY. (See page 74)
2	70649852	6	CAPSCREW, 5/8" x 8-1/4"
	70912942	6	LOCKWASHER, 5/8"
3	70678360	1	GRID. (Special equipment)
4	70084888	1	GASKET, radiator inlet elbow
5	70084042	1	ELBOW, radiator inlet elbow
	70921569	4	CAPSCREW, 7/16"NC x 1-1/4"
	70914678	4	LOCKWASHER, 7/16"
6	70088349	1	HOSE radiator inlet (4-1/2" long)
	70921913	2	CLAMP, hose, adjustable, 1-7/8" to 2-3/4" diam.
7	70634244	1	ELBOW, engine water outlet
8	70924618	1	CAPSCREW, 7/16"NC x 3"
9	70927485	1	CAPSCREW, 7/16"NC x 1"
	70929154	2	LOCKWASHER, 7/16"
10	74300145	1	GASKET, engine water outlet elbow

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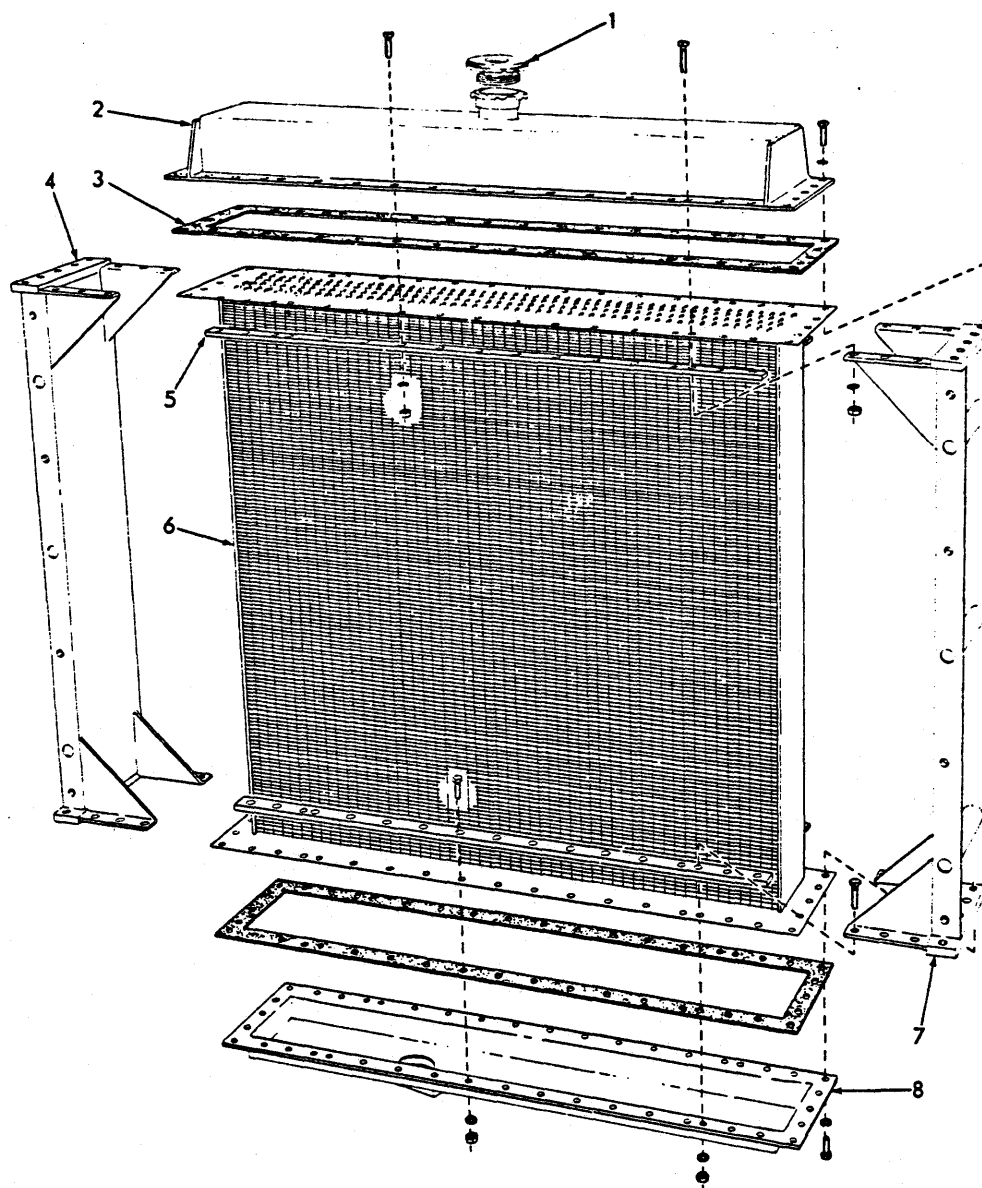
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RADIATOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
11	74310257	1	GASKET, radiator outlet elbow	
12	70084010	1	ELBOW, radiator outlet	
	70921569	2	CAPSCREW, 7/16"NC x 1-1/4"	
	70914678	2	LOCKWASHER, 7/16"	
13	70678190	1	HOSE, radiator outlet	
	70921914	2	CLAMP, hose, adjustable, 2-5/16" to 3-1/4" diam.	
14	74347872	1	PIPE, engine water inlet	
	70916271	2	CAPSCREW, 3/8"NC x 1"	
	70904206	2	LOCKWASHER, 3/8"	
15	74346456	1	OGASKET, water inlet pipe	
16	70089894	1	COCK, drain	} Tractors prior to unit #17345
	70912483	1	ADAPTER, pipe reducing, 3/8"NPT female to 1/4"NPT male	
17	70089107	1	CLAMP, drain hose	
18	70092652	1	HOSE, water drain	
19	70092758	2	CLIP, supporting, water drain hose	
20	70918951	1	PLUG, pipe, hex-hd., brass, 3/8"NPT	
21	70682522	1	HOSE ASSY. (See HOSE PARTS)	} Tractor unit # 17345 and up
	70919205	1	CONNECTOR, flare type, 1/2" tube, 1/4"NPT male	
	70919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male	





RADIATOR ASSEMBLY

T-13169

ITEM	PART NO.	QTY.	DESCRIPTION
-	0678134-8	1	RADIATOR ASSY. (Includes items 1 thru 8)
1	0087528-6	1	CAP, pressure
2	0678281-9	1	TANK, top
	0921566-6	30	CAPSCREW, 5/16"NC x 1"
	0922843-8	18	CAPSCREW, 5/16"NC x 1-1/4"
	0910286-4	48	LOCKWASHER, 5/16"
	0911025-5	42	NUT, 5/16"NC
3	0678285-8	2	GASKET, core

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COOLANT FILTER (Continued)

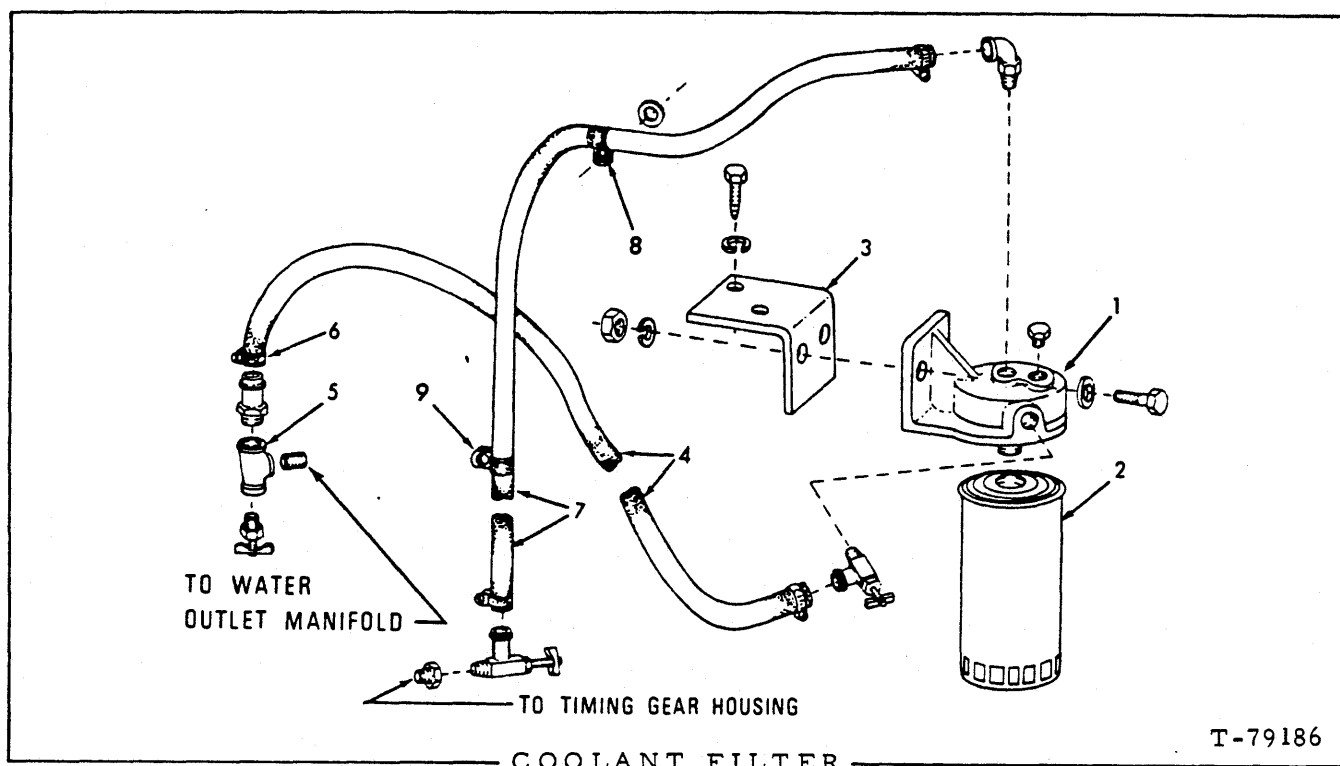
ITEM	PART NO.	QTY.	DESCRIPTION
5	4059380-8	1	ELEMENT KIT, filter (Includes items 4, 6 and 7)(Chromate-type. For use with "Dowtherm" 209)
	4059979-7	1	ELEMENT KIT, filter (Includes items 4, 6 and 7)(Original equipment. All-purpose, recommended for use with plain water as well as most types of permanent and non-permanent anti-freeze except "Dowtherm" 209)
6	4055034-5	1	PLATE, filter element, upper
7	4054566-7	1	GASKET, filter cover
8	4055032-9	1	COVER, filter
9	4055033-7	2	BOLT ASSY., filter cover (Includes washer)
10	0679380-6	1	ANGLE, filter mounting
	0927172-7	4	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	4	LOCKWASHER, 1/2"
11	-----	1	HOSE, water outlet manifold to filter (34" long. Order item 19)
	0921911-4	2	CLAMP, hose, 11/16" to 1-1/4" diam.
12	-----	1	HOSE, filter to water pump (45 1/2" long. Order item 19)
	0921911-4	2	CLAMP, hose, 11/16" to 1-1/4" diam.
13	0089894-0	2	COCK, drain
14	0927387-1	3	CLAMP, hose
15	4255286-9	1	ELBOW, water hose
	0904271-4	1	BUSHING, pipe reducing, 1/2"NPT male to 3/8"NPT female
16	0917191-9	1	NIPPLE, hose connection
17	0912483-5	1	ADAPTER, nipple to tee (Tractors prior to unit #16177)
18	0901703-9	1	TEE, pipe, 1/4"NPT (Tractors prior to unit #16177)
	0918598-4	1	TEE, pipe, reducing (3/8"NPT to 1/4"NPT (Tractors unit #16177 and up)
	0901478-8	1	NIPPLE, pipe, 1/4"NPT x 7/8"
	0919840-9	1	PLUG, pipe, 1/4"NPT
19	0920722-6	1	HOSE, rubber, 5/8"I.D., 25 ft. roll (Use as required)

(Revised February 1974)

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T-79186

USAGE: Engine serial No. 11-22076 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	74393427	1	BASE ASSY., filter (Includes PLUG indented below)
	70919134	1	PLUG, pipe, 1/8"NPT
	70916191	2	CAPSCREW, 7/16"NC x 1-1/2"
	70914678	2	LOCKWASHER, 7/16"
	70910919	2	WASHER, plain
	70912201	2	NUT, 7/16"NC
2	74393504	1	FILTER (Original equipment. All purpose, recommended for use with plain water as well as most types of permanent and non-permanent anti-freeze except "Dowtherm" 209)
	74393505	1	FILTER (Chromate type, for use with "Dowtherm" 209)
3	74320928	1	BRACKET, mounting (Engines prior to #11-24094)
	-----	1	BRACKET, mounting (Engine #11-24094 and up. See WATER SEPARATOR)
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70912441	2	LOCKWASHER, 1/2"
4	70681927	1	HOSE, inlet (34" long)(Engines prior to #11-24094)
	74321113	1	HOSE, inlet (Engine #11-24094 and up)
	70925238	1	NIPPLE, hose, 3/8"NPT
	70089894	1	COCK, shut-off
5	70918598	1	TEE, pipe, reducing, 1/4"NPT side, 1/4"NPT and 3/8"NPT ends
	70901478	1	NIPPLE, pipe, 1/4"NPT x 7/8"
	70912415	1	COCK, T-handle, 1/4"NPT
6	70921911	4	CLAMP, hose, 11/16" x 1-1/4" diam.

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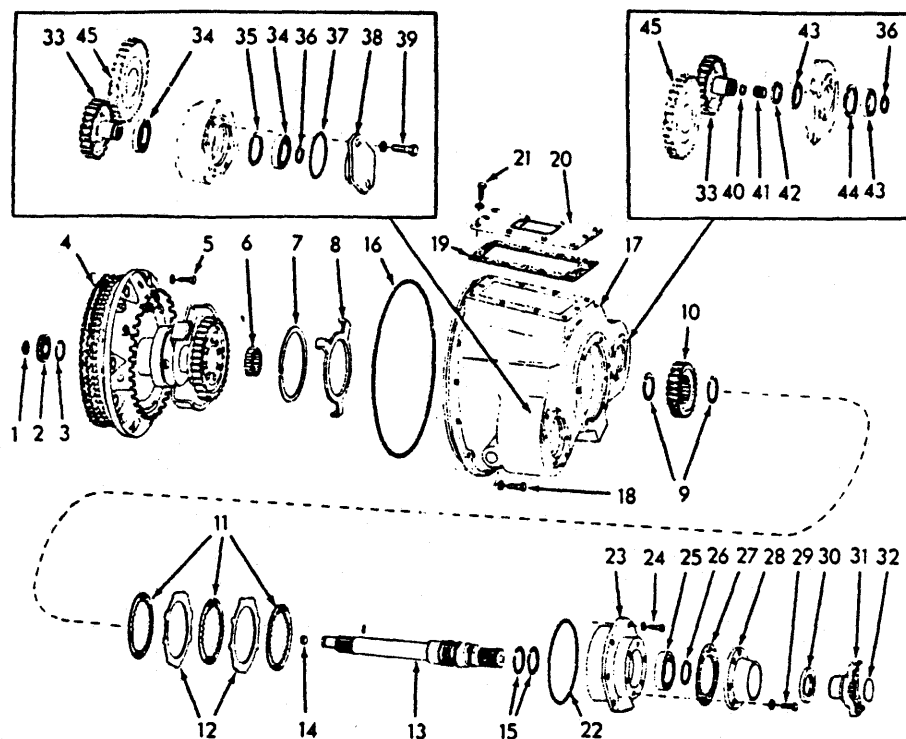
COOLANT FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74388184	1	HOSE, outlet (42-1/2" long)(Engines prior to #11-24094)
	74321114	1	HOSE, outlet (Engine #11-24094 and up)
	74255286	1	ELBOW, 90°
	70904271	1	BUSHING, pipe reducing, 1/2"NPT x 3/8"NPT
	70089894	1	COCK, shut-off
8	70927387	2	CLAMP, insulated, outlet hose (1 less used on engines prior to #11-24094)
	70913544	1	WASHER, plain
9	70930233	1	CLAMP, insulated (double tube)(Engines prior to #11-24094)

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ENGINE CLUTCH AND HOUSING

T-76471

ITEM	PART NO.	QTY.	DESCRIPTION
1	70671344	1	RING, snap, bearing retaining
2	70097088	1	BEARING, ball, clutch shaft, front
3	70642216	1	RING, snap, clutch thrust
4	-----	1	CLUTCH ASSY. (See page 94)
5	70921076	12	CAPSCREW, 3/8"NC x 1-1/4"
	70910287	12	LOCKWASHER, 3/8"
6	73037615	1	BEARING, roller, clutch assembly
7	70671336	1	RING, snap, pressure plate retaining
8	70678804	1	PLATE, pressure, clutch brake
9	70629860	2	RING, snap, hub retaining
10	70671334	1	HUB, friction plate
11	70675510	3	PLATE, friction (bi-metallic)
12	70629864	2	PLATE, friction (steel)
13	70678803	1	SHAFT, clutch
	70916146	1	PIN, spring, 3/32" x 1/2" (Late units)
14	70671419	1	PLUG (drilled)

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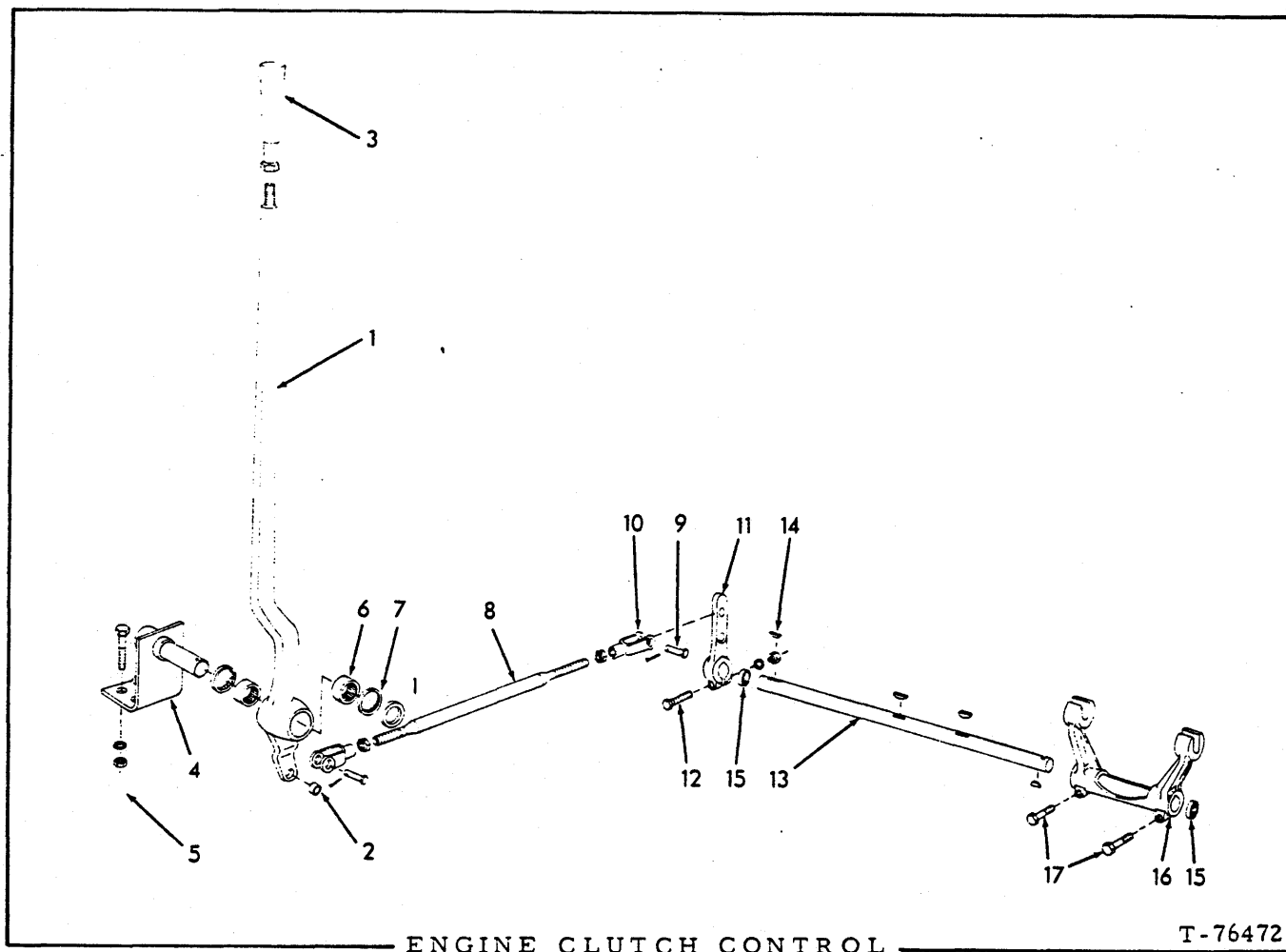
ENGINE CLUTCH AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
15	70671331	2	RING, seal, clutch shaft	
16	70926008	1	O-RING, clutch housing	
17	70678797	1	HOUSING, engine clutch	
18	70927173	10	CAPSCREW, 3/8"NC x 1-1/8"	} Tractors prior to unit #16689
	70927573	2	CAPSCREW 3/8"NC x 1-7/8"	
	70922763	10	CAPSCREW, 3/8"NC x 1"	} Tractors unit #16689 and up
	70922287	2	CAPSCREW, 3/8"NC x 1-3/4"	
	70910287	10	LOCKWASHER, 3/8"	
	70917264	2	WASHER, plain, copper 3/8"	
19	70678801	1	GASKET, access cover	
20	70678798	1	COVER, clutch access	
21	70922300	10	CAPSCREW, 3/8"NC x 3/4"	
	70910287	10	LOCKWASHER, 3/8"	
22	70924143	1	O-RING, rear cover	
23	70678802	1	COVER, rear	
24	70921076	6	CAPSCREW, 3/8"NC x 1-1/4"	
	70910287	6	LOCKWASHER, 3/8"	
25	70664731	1	BEARING, ball, clutch shaft, rear	
26	70050292	1	RING, snap, bearing retaining	
27	70664701	1	GASKET, retainer	
28	70671345	1	RETAINER, rear bearing	
29	70922763	6	CAPSCREW, 3/8"NC x 1"	
	70910287	6	LOCKWASHER, 3/8"	
30	70663482	1	SEAL, rear	
31	70664699	1	YOKE ASSY., coupling (Includes item #32)	
31A	70927939	-	PLASTIC SEALANT (50cc) (Not illustrated)	
32	70910016	1	PLUG, expansion, 2-1/4"	
33	70678805	2	GEAR, driving	
34	70665554	2	BEARING, ball, driving gear	
35	70665563	1	RING, snap, bearing retaining (large)	
36	74253029	2	RING, snap, bearing retaining (small)	
37	70923591	1	O-RING, cover	
38	70664712	1	COVER	} Not used on units equipped with Hydraulic Dozer
39	70924227	2	CAPSCREW, 5/8"NC x 1"	
	70912942	2	LOCKWASHER, 5/8"	
40	70666239	1	RING, snap, sleeve retaining	
41	70678182	1	SLEEVE, coupling	
42	70671338	1	SPACER, bearing	
43	70241833	2	BEARING, ball, driving gear	
44	70621775	1	RING, snap, bearing retaining	
45	-----	1	GEAR, drive (See ENGINE CLUTCH PARTS)	

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ITEM	PART NO.	QTY.	DESCRIPTION
1	0672047-8	1	LEVER ASSY., clutch operating (Includes item 2)
2	0049988-9	1	BUSHING, clutch operating lever
3	0078620-2	1	GRIP, operating lever
4	0673751-4	1	BRACKET, clutch operating lever
5	0924864-2	4	CAPSCREW, 1/2"NC x 2-1/4"
	0912441-3	4	LOCKWASHER, 1/2"
	0911028-9	4	NUT, 1/2"NC
	0911159-2	1	WASHER, plain, SAE std., 1"
	0910302-9	1	PIN, cotter, 5/32" x 1-1/4"
6	0051513-0	2	BEARING, needle, operating lever shaft
7	0053926-2	2	SEAL, dust, needle bearing
8	0673413-1	1	ROD, operating lever
	0911043-8	2	NUT, 1/2"NF
9	0049993-9	2	PIN, yoke
	0900805-3	2	PIN, cotter, 1/8" x 3/4"

(Continued)

HEAVY-DUTY TRACK ROLLER GUARDS

USAGE: Special equipment. For units with special 4-link tracks.

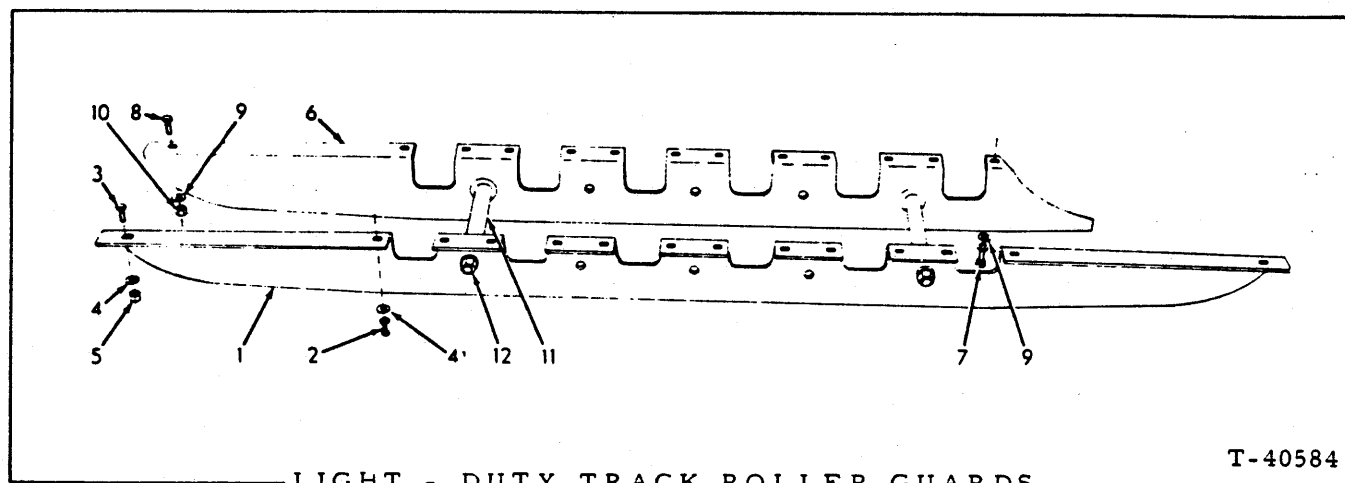
*Partial guarding
**Full guarding

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	70649103	3	3	GUARD, end section, left hand
2	70927603	15	15	CAPSCREW, 5/8"NF x 3"
	70912942	15	15	LOCKWASHER, 5/8"
	70677010	15	15	WASHER, plain
3	70649104	3	3	GUARD, end section right hand
4	70927603	15	15	CAPSCREW, 5/8"NF x 3"
	70912942	15	15	LOCKWASHER, 5/8"
	70677010	15	15	WASHER, plain
5	70648438	4	6	GUARD, intermediate section
6	70921178	16	24	CAPSCREW, 5/8"NF x 2-3/4"
	70912942	16	24	LOCKWASHER, 5/8"
7	70648441	-	4	GUARD, intermediate front section
8	70070161	-	16	CAPSCREW, 5/8"NF x 2-3/4"
	70912942	-	16	LOCKWASHER, 5/8"
9	70648436	-	2	GUARD, intermediate rear section, outer
10	70070161	-	12	CAPSCREW, 5/8"NF x 2-3/4"
	70912942	-	12	LOCKWASHER, 5/8"
11	70648439	-	1	GUARD, rear inner section, left side
	70648440	-	1	GUARD, rear inner section, right side
12	70070161	-	6	CAPSCREW, 5/8"NF x 2-3/4"
	70912942	-	6	LOCKWASHER, 5/8"
13	70632769	12	12	BLOCK, tapped, end guard attachment
14	70644112	6	16	SPACER, guard bracing
15	70661102	6	16	ROD, guard bracing (13-1/2" long)(Early units)
	70655090	6	16	ROD, guard bracing (12-7/8" long)(Late units)
	70914727	12	32	LOCKWASHER, 7/8"(Early units)
	70911046	12	32	NUT, 7/8"NF
16	70650220	8	20	PLATE, guard spacing, intermediate
17	70650221	-	8	PLATE, guard spacing, front
18	70650222	-	2	PLATE, guard spacing, rear
19	70638341	12	32	WASHER, plain (Early units)
	70676122	12	32	WASHER, plain (Late units)

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LIGHT - DUTY TRACK ROLLER GUARDS

T-40584

USAGE: Special equipment

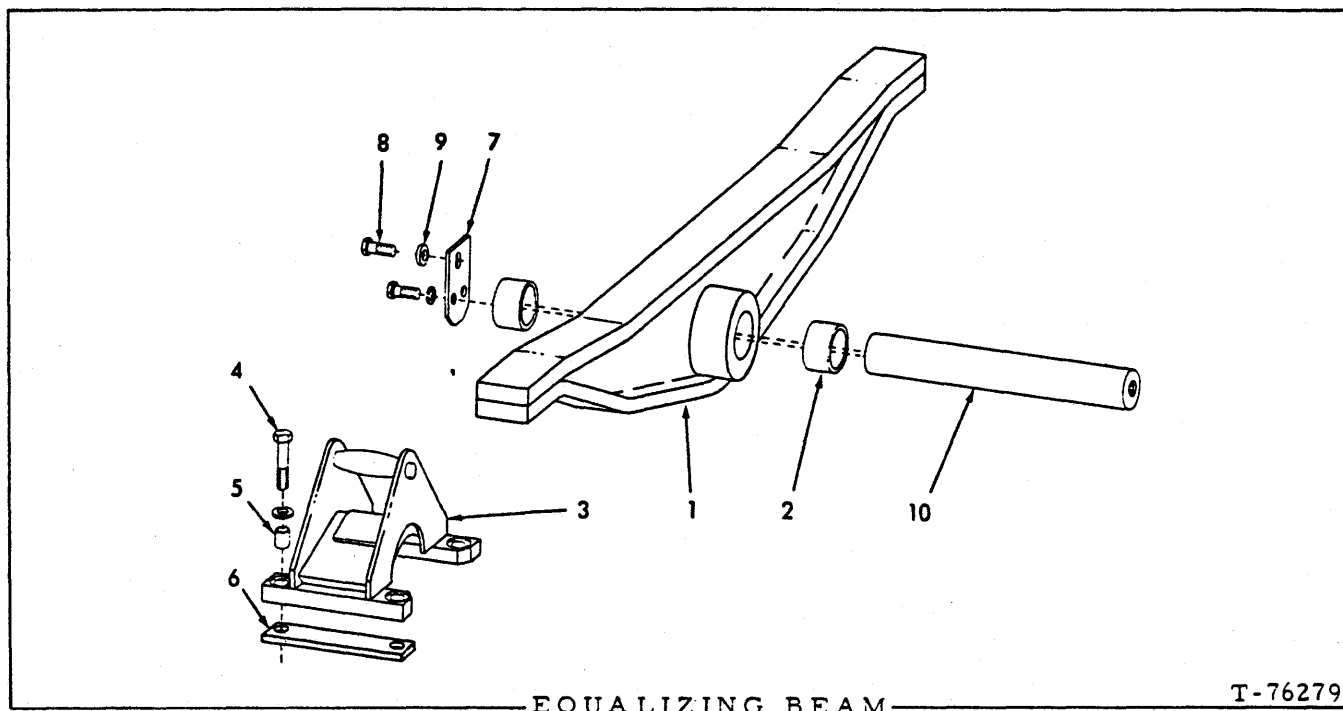
ITEM	PART NO.	QTY.	DESCRIPTION
1	70644095	2	GUARD, outer (112-1/2" long)
2	70921178	24	CAPSCREW, 5/8"NF x 2-3/4"
3	70921476	4	CAPSCREW, 5/8"NF x 2-1/2"
4	70677010	28	WASHER, plain
5	70072366	4	NUT, high, 5/8"NF
6	70644097	1	GUARD, inner, left (97-3/4" long)
	70644098	1	GUARD, inner, right (97-3/4" long)
7	70921178	24	CAPSCREW, 5/8"NF x 2-3/4"
8	70921426	2	CAPSCREW, 5/8"NF x 2-1/2"
9	70677010	26	WASHER, plain
10	70072366	2	NUT, high, 5/8"NF
11	70083150	2	SPACER, guard bracing
12	70655090	4	ROD, guard bracing
	70911046	8	NUT, 7/8"NF
	70676122	8	WASHER, plain

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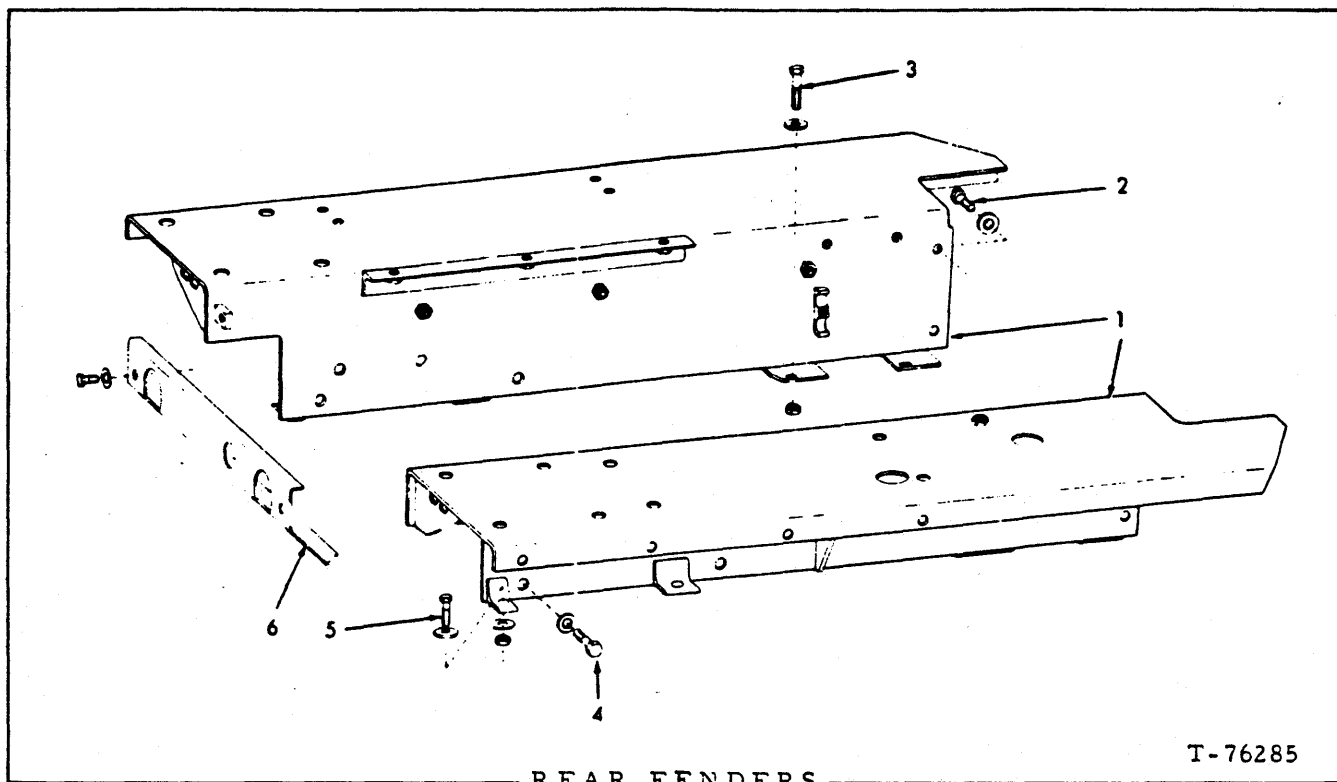
USAGE: Standard equipment.

ITEM	PART NO.	QTY.	DESCRIPTION
1	0671767-2	1	BEAM ASSY. (Includes item 2)
2	0056413-8	2	BUSHING, beam pivot
3	0671718-5	2	BRACKET, shock pad
4	0923983-1	8	CAPSCREW, 3/4"NF x 3-3/4"
	0677012-7	8	WASHER, plain
5	0671772-2	8	BUSHING, bracket spacing
6	0671775-5	4	PAD, shock
7	0056441-9	1	PLATE, pivot pin retaining
8	0922726-5	3	CAPSCREW, 1/2"NF x 1-1/2"
	0912441-3	2	LOCKWASHER, 1/2"
9	0677008-5	1	WASHER, plain
10	0667209-1	1	PIN, beam pivot

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T-76285

REAR FENDERS

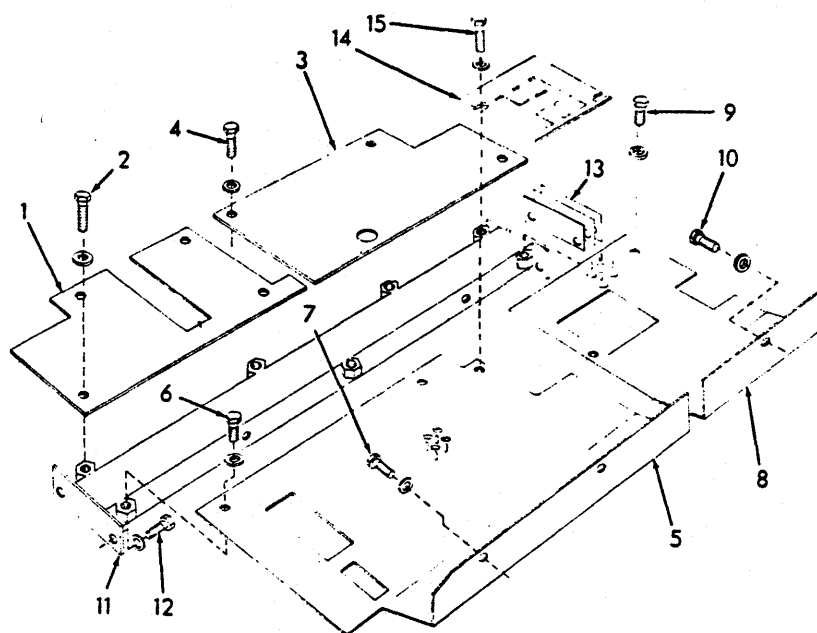
*Tractors prior to serial No. 16C17345 excluding unit #17276.
 **Tractors serial No. 16C17345 and up including unit #17276.

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	70685803	1 -	FENDER, left
	70680897	- 1	FENDER, left
	70685804	1 -	FENDER, right
	70680898	- 1	FENDER, right
2	70920583	4 -	CAPSCREW, 1/2"NC x 1-1/2"(Tractors prior to unit #17024)
	70925415	4 4	CAPSCREW, 3/4"NC x 1-3/4"(Tractors unit #17024 and up)
3	70677012	4 4	WASHER, plain
	70922510	4 4	CAPSCREW, 1/2"NC x 2-3/4"
4	70677008	4 4	WASHER, plain
	70911028	4 4	NUT, 1/2"NC
5	70927544	8 8	CAPSCREW, Nylok, 5/8"NC x 1-1/2"
	70921403	4 4	CAPSCREW, 5/8"NC x 2"
6	70677010	16 16	WASHER, plain
	70911029	4 4	NUT, 5/8"NC
6	70678290	1 1	PLATE (Not used when ripper is installed)
	70922763	2 2	CAPSCREW, 3/8"NC x 1"
	70677006	2 2	WASHER, plain

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T-72465

ITEM	PART NO.	QTY.	DESCRIPTION
1	0674810-7	1	PLATE, front, left section
2	0920582-4	4	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	4	WASHER, plain
3	0673469-3	1	PLATE, front, right section
4	0920582-4	3	CAPSCREW, 1/2"NC x 1-1/4"
	0677008-5	3	WASHER, plain
5	0672646-7	1	PLATE, rear, left section
6	0920582-4	2	CAPSCREW, 1/2"NC x 1-1/4"
7	0920583-2	2	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	4	WASHER, plain
8	0673658-1	1	PLATE, rear, right section
9	0920582-4	1	CAPSCREW, 1/2"NC x 1-1/4"
10	0920583-2	1	CAPSCREW, 1/2"NC x 1-1/2"
	0677008-5	2	WASHER, plain
11	0673698-7	1	CHANNEL, supporting
12	0921556-7	4	CAPSCREW, 1/2"NF x 2"
	0677008-5	4	WASHER, plain
13	0665790-2	1	SHIM, supporting channel (.134" thick)
	0665791-0	2	SHIM, supporting channel (.029" thick)
14	0673667-2	1	GUIDE, gear shift lever
15	0920585-7	2	CAPSCREW, 1/2"NC x 1-3/4"
	0677008-5	2	WASHER, plain

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SEAT ASSEMBLY

USAGE: See page 183

ITEM	PART NO.	QTY.	DESCRIPTION
-	0659093-9	1	SEAT ASSY. (Includes items 1 thru 25)
1	0638422-6	1	CUSHION, back (outside section)
	0642499-8	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
2	0638421-8	1	CUSHION, back (center section)
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
	0642498-0	1	COVER, slip, back cushion (Includes fastenings)(Not original equipment)
3	0659102-8	1	CUSHION ASSY., seat (Includes item 4)
	0642500-3	1	COVER, slip, seat cushion (Includes fastenings)(Not original equipment)
4	0638431-7	2	PLATE, bearing, seat cushion
	-----	4	SCREW, wood, fl-hd., #8 x 1/2" (Procure locally)
5	0638432-5	2	BRACKET, pivot, seat cushion
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
6	0650143-1	1	PLATE, reinforcing, back cushion
	0916532-5	8	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	8	LOCKWASHER, ext-tooth, 1/4"
7	0650132-4	2	BRACKET, retaining, back cushion
	0916532-5	4	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	4	LOCKWASHER, ext-tooth, 1/4"
8	0650141-5	1	ROD ASSY., back cushion adjustment (Includes mounting clips)
	0916532-5	2	SCREW, machine, rd-hd., 1/4"NC x 3/4"
	0914105-2	2	LOCKWASHER, ext-tooth, 1/4"
	0928197-3	2	RING
9	0650137-3	1	SPRING, back cushion adjustment rod
10	0650144-9	1	FRAME, seat
11	0650138-1	1	SPRING, retracting, seat frame
12	0650142-3	1	LATCH, seat adjustment
13	0650146-4	2	BEARING, seat adjustment latch
14	0650136-5	1	SHAFT, seat adjustment latch
15	0650135-7	1	SPRING, seat adjustment latch
16	0638351-7	2	RING, snap, seat adjustment latch shaft
17	0188436-0	2	WASHER, seat adjustment latch
18	0650147-2	2	RING, snap, seat adjustment latch
19	0650133-2	1	KNOB, seat adjustment latch
20	0650139-9	4	LINK, suspension, seat frame
21	0650131-6	6	PIN, seat frame suspension link
22	0638351-7	12	RING, snap, suspension link pin
23	0650145-6	1	FRAME ASSY., base (Includes items 24 and 25)
24	0650140-7	1	ROD, seat release
	0188436-0	1	WASHER, plain
	0924169-6	2	PIN, groove, 1/8" x 1"
25	0650134-0	1	SPRING, seat release rod

PAINTING AND MARKING
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: Approximately 5 gallons paint required for spraying			
1	70925109	-	ENAMEL, yellow, quart can
2	70925110	-	ENAMEL, yellow, gallon can
3	70925108	-	ENAMEL, yellow, 12 oz. pressurized spray-type can
NOTE: All plates and transfers listed below are English language printings unless otherwise indicated.			
4	70677348	1	PLATE, lubrication and service guide (7" x 10")(Attached to front of battery box)
	70677354	1	PLATE, lubrication and service guide (multi-language, 7" x 12-7/8")(Attached to front of battery box)
	70034076	4	SCREW, thd-cutting, cross-recessed-hd., #8 x 1/2" (2 additional required for multi-language plates)
5	70059698	1	PLATE, gear shift positions (2-5/8" x 3-1/2". Attached to dash)
	70034076	4	SCREW, thd-cutting, cross-recessed-hd., #8 x 1/2"
6	70677914	2	TRANSFER, instruction, fuel filter (2-1/4" x 3-7/8") (Applied to fuel filter)
7	70666497	1	TRANSFER, instruction, engine operation (2-1/4" x 4-1/2") (Applied to top of steering lever housing)(Engines prior to serial No. 11-21220)
	70688188	1	TRANSFER, instruction, engine operation (3-15/16" x 6") (Applied to air cleaner)(Engine serial No. 11-21220 and up)
8	70621343	1	TRANSFER, instruction, oil filter (2-5/16" x 3-1/4") (Applied to engine oil filter)
9	70685142	1	TRANSFER, instruction, steering pressure line oil filter (1-3/4" x 2-1/4")(Applied to filter)
10	70621342	1	TRANSFER, instruction, engine primer, (1-3/4" x 6") (Applied to cowl)(Engines prior to serial No. 11-20419)
	74029499	1	TRANSFER, instruction, engine primer, (3-1/4" x 3") (Applied to cowl)(Engine serial No. 11-20419 and up)
11	70659430	1	TRANSFER, instruction, dry-type air cleaner (2-1/2" x 5") (Applied to air stack)
12	70656642	1	TRANSFER, instruction, oil-bath air cleaner (1-1/2" x 3-3/4") (Applied to cleaner)
13	70659539	1	TRANSFER, warning, by-pass oil filter (Includes Portuguese translation, 2" x 10")(Applied to filter)
	70659538	1	TRANSFER, warning, by-pass oil filter (French and Spanish translation, 2" x 10")(Applied to filter)

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PAINTING AND MARKING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	70682968	1	TRANSFER, warning, seat belt (2" x 3")(Applied to cowl)
15	70694794	1	TRANSFER, warning "ROPS" (2-1/2" x 6")(Applied to rear of ROPS Frame or Cab)
16	70694454	2	TRANSFER, "11-B" (5-1/2" x 13-3/4")(Applied to sides of battery box and hydraulic tank)
17	70924550	3	TRANSFER "ALLIS-CHALMERS" (1-7/8" x 30")(Applied to sides of hood and front of radiator guard)
	70694436	2	TRANSFER "FIAT-ALLIS" (3" x 19-1/4")(Applied to sides of hood)
	70694435	1	TRANSFER "FIAT-ALLIS" (2-1/2" x 16-3/16")(Applied to front of radiator guard)
18	70924552	1	TRANSFER "ALLIS-CHALMERS" (2-3/8" x 39")(Applied to rear of fuel tank)
	70694438	1	TRANSFER "FIAT-ALLIS" (4-1/2" x 29")(Applied to rear of fuel tank)
19	70694425	1	TRANSFER "F-A" trademark (9-1/2" x 10-3/4")(Applied to right rear of fuel tank guard or ROPS mounting bracket when Ripper is installed)
20	70924319	1	TRANSFER "A-C" trademark (4-7/8" black and orange) (Applied to fuel tank guards)
21	70924320	1	TRANSFER "A-C" trademark (6-3/4", black and orange)
	70924541	1	TRANSFER "A-C" trademark (6-3/4", white)(Optional)
22	70924306	2	TRANSFER "A-C" trademark (7-3/4", black and orange) (One additional applied to rear of fuel tank on units equipped with ripper)
	70924463	2	TRANSFER "A-C" trademark (7-3/4", white)(Optional)
	70694422	2	TRANSFER, "F-A" trademark (7x7-15/16")

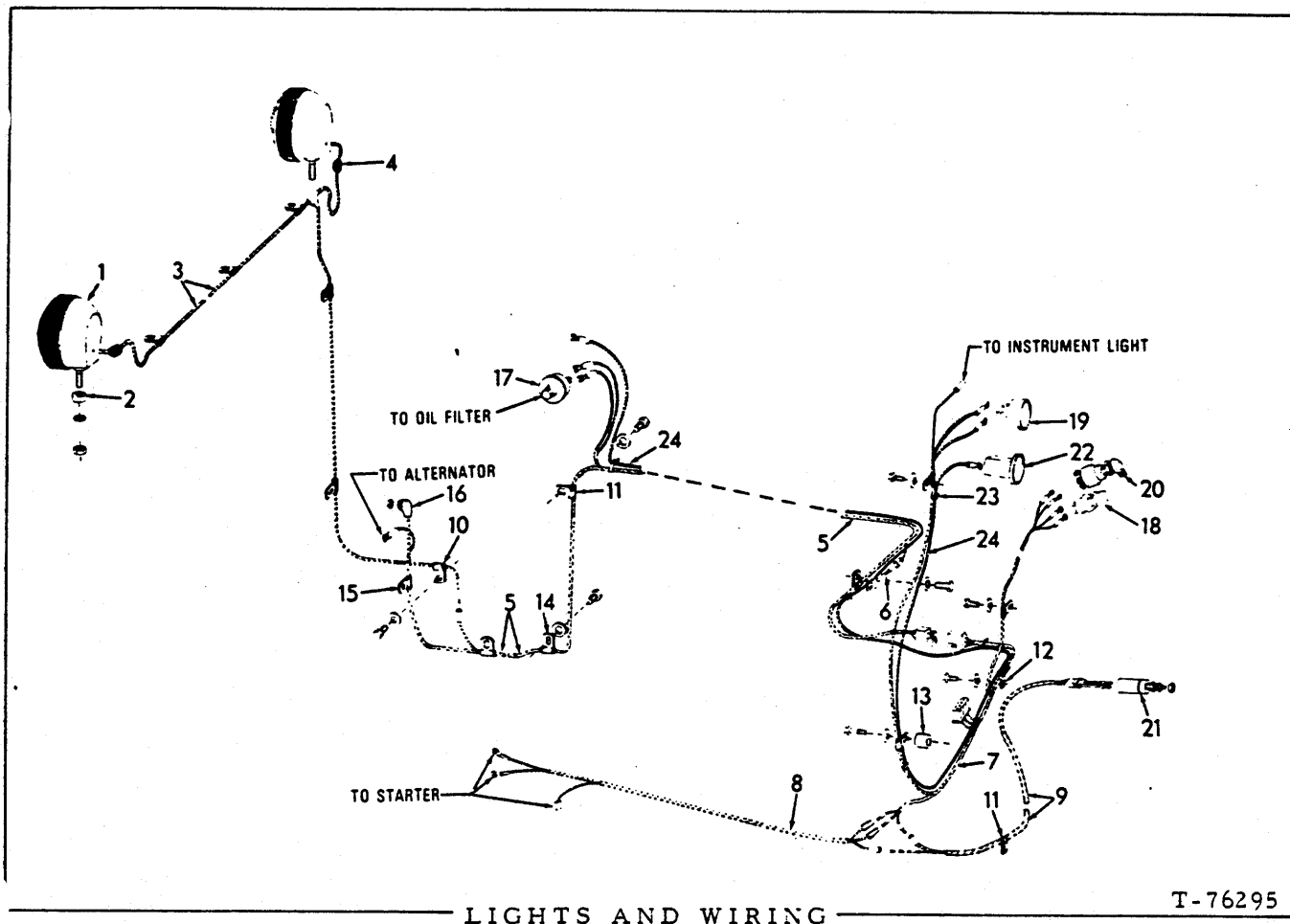
Applied to rear of fuel tank

Applied to sides of radiator guards

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USAGE: Units with standard 20 amp. alternator

ITEM	PART NO.	QTY.	DESCRIPTION
1	70621429	2	* LIGHT ASSY., head (See page 192)
	70910210	2	LOCKWASHER, ex-tooth, 1/2"
	70911043	2	NUT, 1/2"NF
2	70677008	2	*WASHER, head light spacing
3	70649733	1	* CABLE, head light
4	70087855	2	* GROMMET, head light cable
5	70660173	1	HARNESS, wiring, front section (Includes item 6)
	70917376	1	NUT, #12NC (Attaches harness to alternator)
6	70208960	1	FUSE, cartridge type, 1/4", 20 amperes
7	70660174	1	HARNESS, wiring, intermediate section
8	70660175	1	HARNESS, wiring, starter to intermediate harness
9	70670318	1	HARNESS, wiring, rear section

* Special Equipment

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Replaces page 188 in 11-B Parts Catalog 70677388
Printed in U.S.A.

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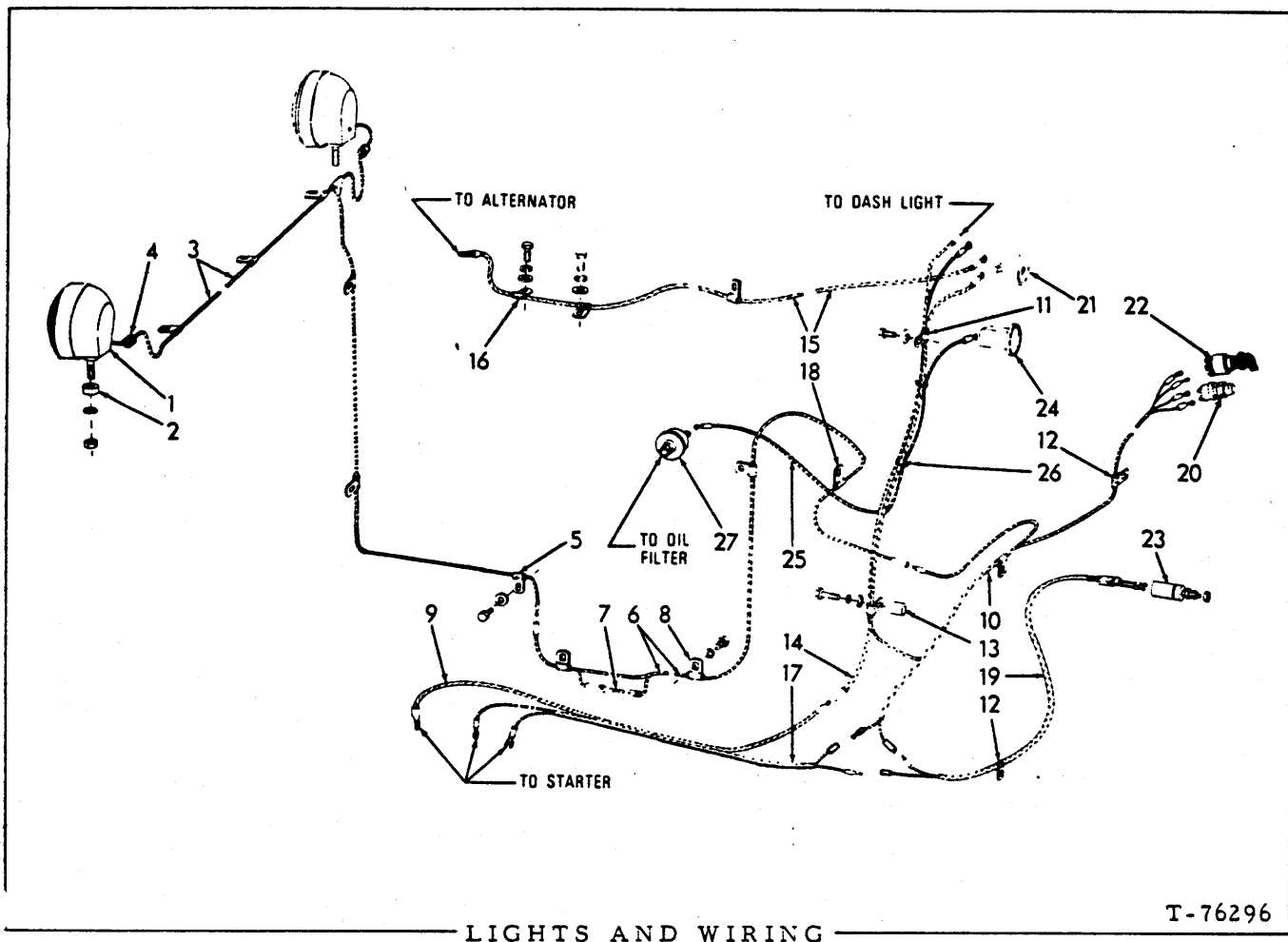
LIGHTS AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	70639388	6	*CLIP, head light cables (1/8" diam., 13/32" bolt-hole)
	70927400	1	CAPSCREW, 3/8"NC x 5/8"
	70677006	1	WASHER, plain
11	70640676	5	CLIP, wiring harness (5/16" diam., 13/32" bolt hole)
	70639314	2	CLIP, wiring harness (3/8" diam., 13/32" bolt hole)
	70922300	4	CAPSCREW, 3/8"NC x 3/4"
	70921565	1	CAPSCREW, 3/8"NC x 1-1/2"
	70677006	5	WASHER, plain
12	70622161	1	CLIP, wiring harness (1/2" diam., 13/32" bolt hole)
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
	70677006	1	WASHER, plain
13	70044721	1	SPACER
14	70640675	3	CLIP, wiring harness (3/8" diam., 17/32" bolt hole)
	70927219	1	CAPSCREW, 1/2"NC x 3/4"
	70677008	1	WASHER, plain
15	70640677	1	CLIP, wiring harness (1/4" diam., 13/32" bolt hole)
16	70667579	1	BOOT, protecting, alternator terminal
17	70660694	1	SWITCH, pressure, alternator cut-off
18	-----	-	SWITCH, starter (See STARTER)
19	-----	-	AMMETER (See INSTRUMENTS)
20	70661345	1	SWITCH, lights
21	70631844	1	SWITCH, safety
22	-----	1	HOOR METER (See INSTRUMENTS)
23	70239726	5	TIE, hour meter cable
24	70690401	1	CABLE, hour meter

Tractors unit #18176
and up

*Special equipment





USAGE: Units with optional 50 amp. alternator

ITEM	PART NO.	QTY.	DESCRIPTION
1	70621429	2	* LIGHT ASSY., head (See page 192)
	70910210	2	LOCKWASHER, ext-tooth, 1/2"
	70911043	2	NUT, 1/2"NF
2	70677008	2	* WASHER, head light, spacing
3	70649733	1	* CABLE, head light
4	70087855	2	* GROMMET, head light cable
5	70639388	6	* CLIP, head light cable
	70927400	1	CAPSCREW, 3/8"NC x 5/8"
	70677006	1	WASHER, plain
6	70668649	1	HARNESS ASSY., wiring (Includes item 7)
7	70208960	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 ampers
8	70640704	3	CLIP, wiring harness
	70927219	1	CAPSCREW, 1/2"NC x 3/4"
	70677008	1	WASHER, plain

* Special Equipment

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LIGHTS AND WIRING (Continued)

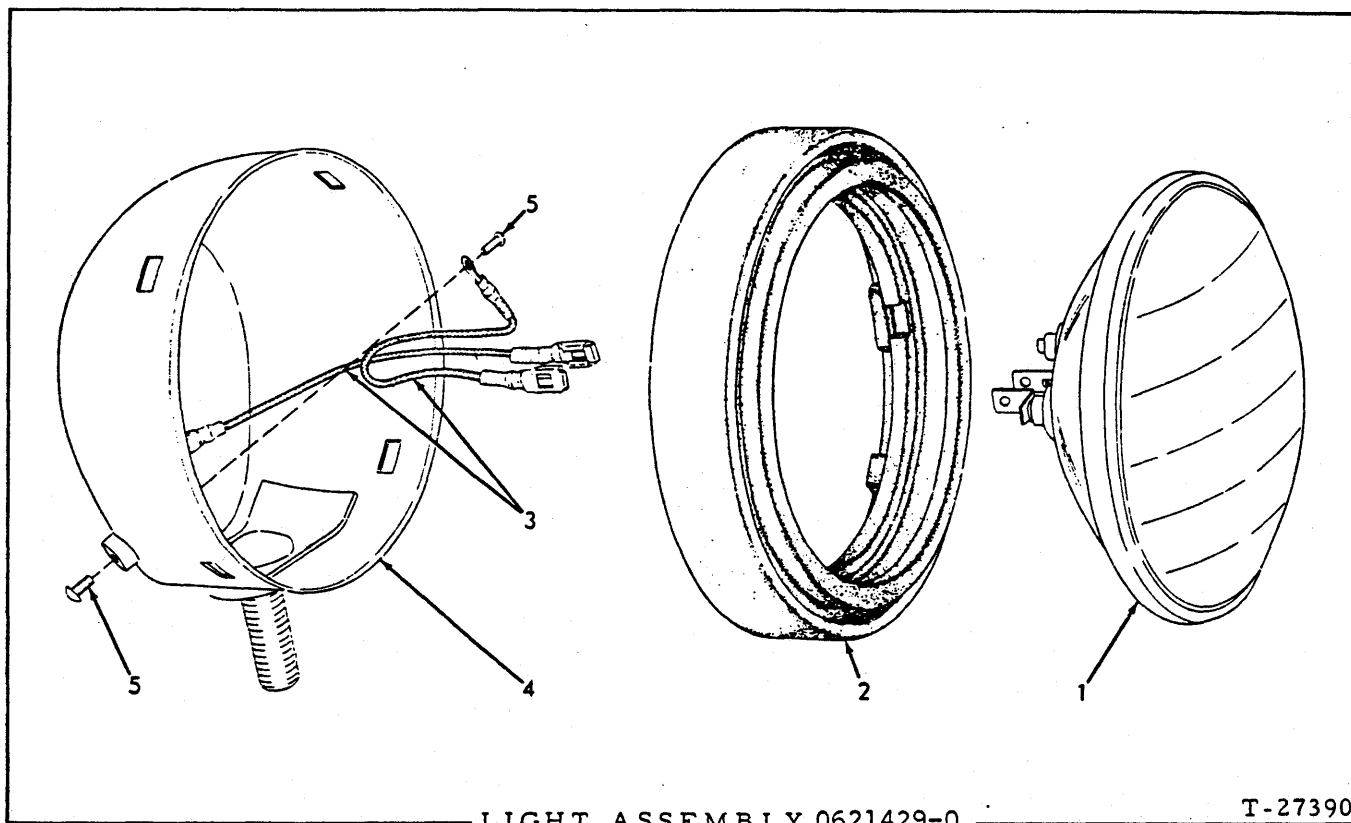
ITEM	PART NO.	QTY.	DESCRIPTION
9	70668650	1	CABLE
10	70668647	1	HARNESS, wiring
11	70927117	2	CLIP, wiring harness
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
	70677008	1	WASHER, plain, SAE std., 3/8"
12	70639314	4	CLIP, wiring harness
	70922300	2	CAPSCREW, 3/8"NC x 3/4"
	70921565	1	CAPSCREW, 3/8"NC x 1-1/2"
	70677006	3	WASHER, plain
13	70044721	1	SPACER
14	70668651	1	CABLE
15	70668652	1	CABLE, ammeter to alternator
16	70654655	3	CLIP, cable
	70921175	1	CAPSCREW, 1/2"NC x 1"
	70928188	1	WASHER, plain
17	70668648	1	HARNESS, wiring
18	70639388	2	CLIP, wiring harness
	70922300	2	CAPSCREW, 3/8"NC x 3/4"
	70677006	2	WASHER, plain
19	70670318	1	HARNESS, wiring, rear section
20	-----	-	SWITCH, starter (See STARTER)
21	-----	-	AMMETER (See INSTRUMENTS)
22	70661345	1	SWITCH, lights
23	70631844	1	SWITCH, safety
24	-----	-	HOUR METER (See INSTRUMENTS)
25	70695440	1	CABLE, hour meter
26	70239726	5	TIE, hour meter cable
27	70660694	1	SWITCH, pressure

Tractor unit
#18179 and up

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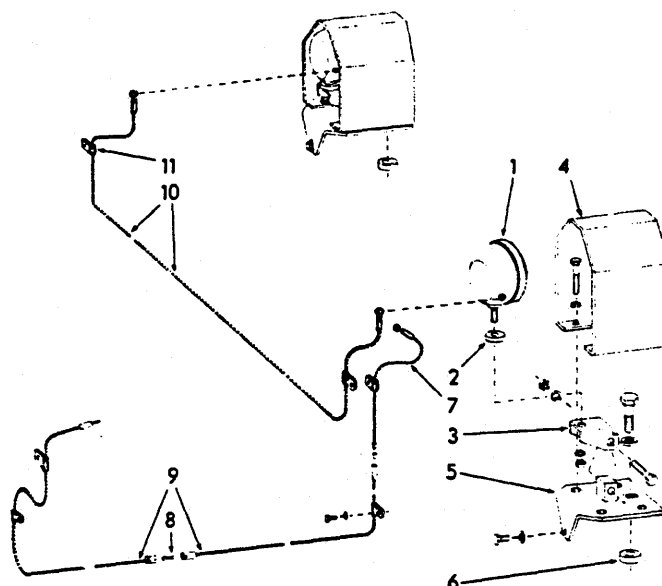


USAGE: See page 188, 190 and 193

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: Quantities indicated are for one (1) light only

1	0182763-3	1	SEALED BEAM (24 volt)
2	0621428-2	1	RETAINER (rubber)
3	0621724-4	2	CABLE, sealed beam (Includes terminals)
4	-----	1	BODY ASSY. (Not serviced separately)
5	0912731-7	2	SCREW, terminal (#8-32NC x 5/16")



REAR FLOOD LIGHT

T-76294

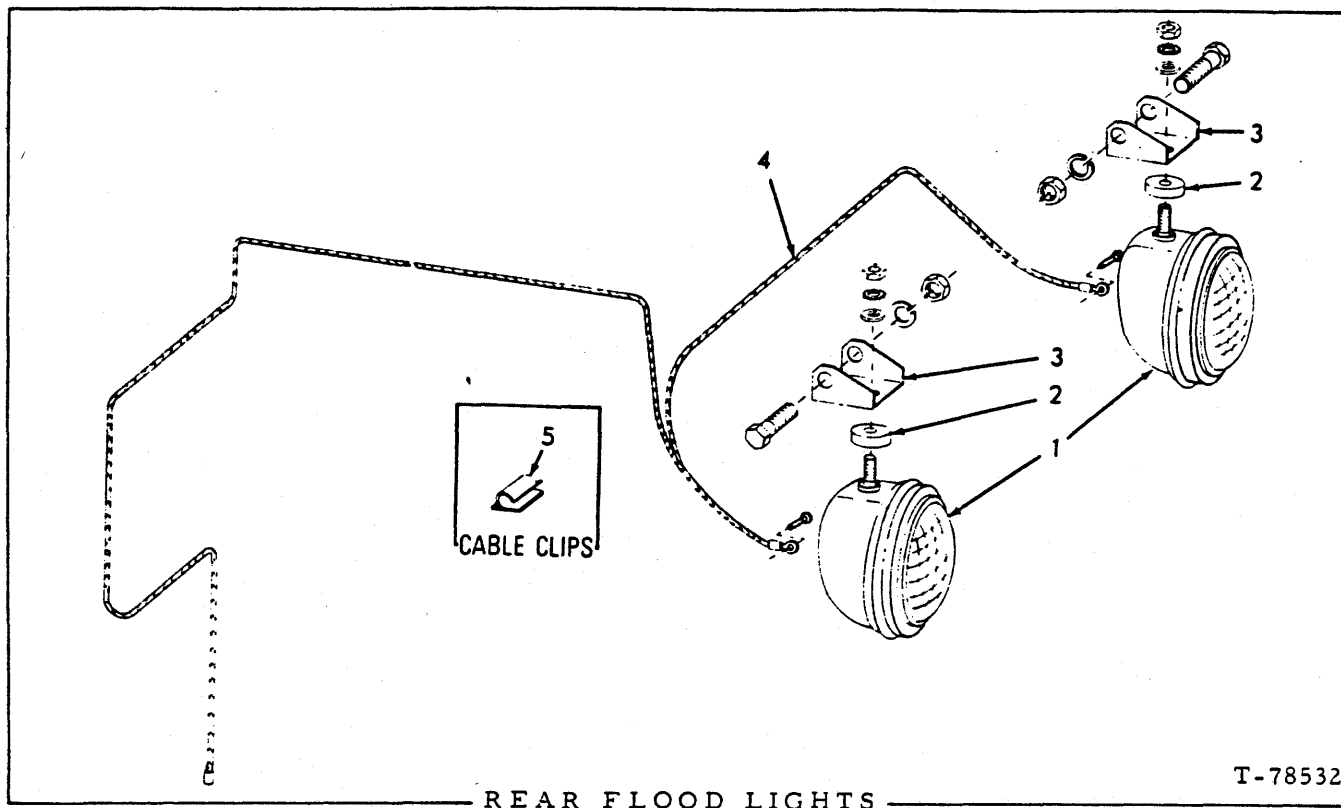
USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	0621429-0	2	LIGHT ASSY. (See page 192)
	0910210-4	2	LOCKWASHER, ex-tooth, 1/2"
	0911043-8	2	NUT, 1/2"NF
2	0061528-6	2	BOSS
3	0076140-3	2	BRACKET, mounting
	0928043-9	2	CAPSCREW, 5/8"NC x 3-1/2"
	0912942-0	2	LOCKWASHER, 5/8"
	0911029-7	2	NUT, 5/8"NC
4	0670774-9	2	GUARD, flood light
	0927172	8	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	8	LOCKWASHER, 3/4"
5	0678242-9	2	BRACKET, guard mounting
	0922300-9	2	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	2	WASHER, plain
	0921068-3	2	CAPSCREW, 3/4"NC x 2-1/4"
	0677012-7	2	WASHER, plain
6	0635831-1	2	BLOCK, spacing
7	0068367-2	1	CABLE, rear section (9" long)
8	0208960-5	1	FUSE, cartridge type (1/4" x 1-1/4", 20 amperes)
9	0655438-0	1	CABLE ASSY., front section (114" long. Includes item 8)
10	0091181-8	1	CABLE, light connecting (48" long)
11	0639388-8	6	CLIP, cable
	0927400-2	1	CAPSCREW, 3/8"NC x 5/8"
	0677006-9	1	WASHER, plain

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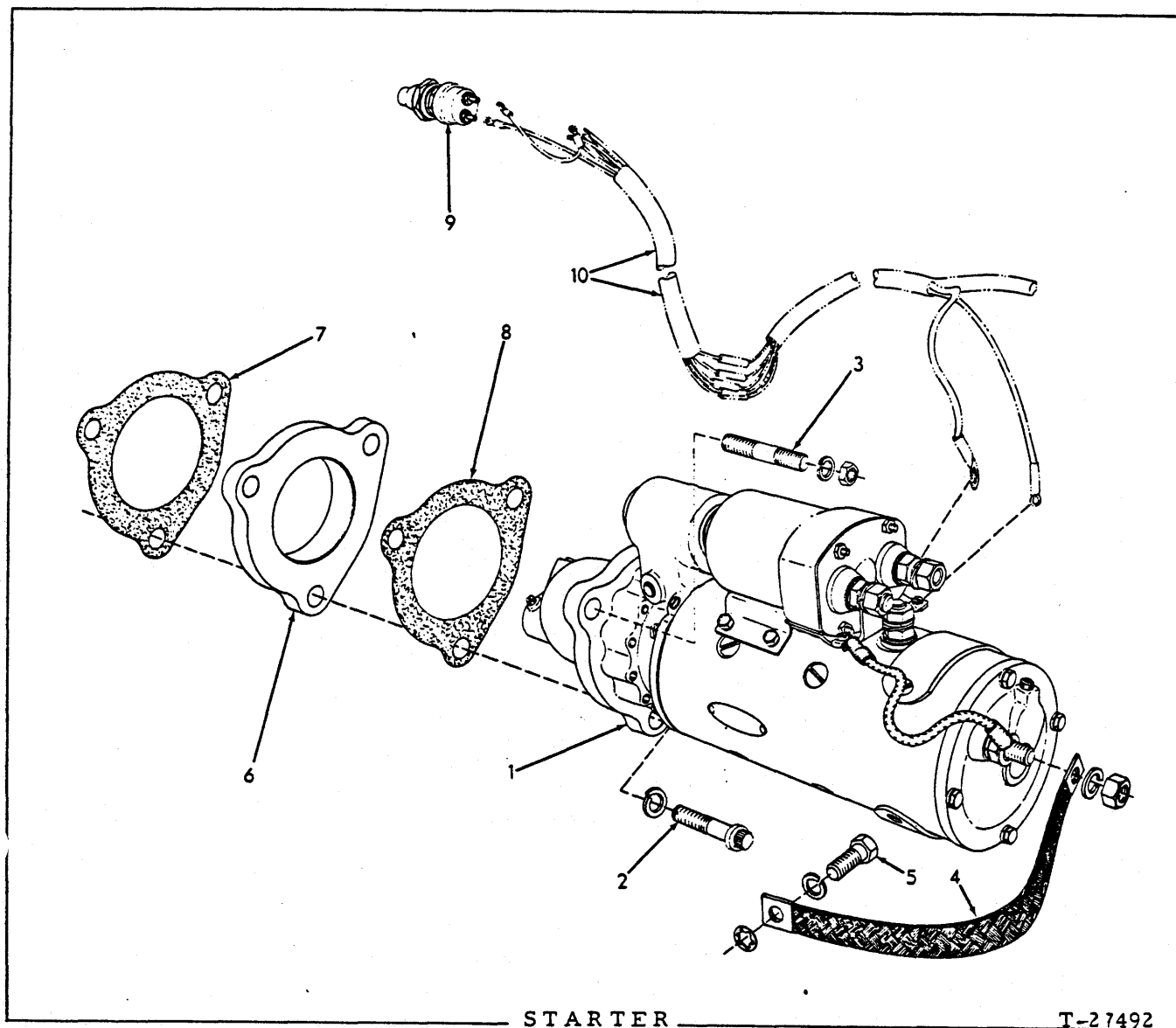
USAGE: Special equipment (Units with ROPS Cab or Canopy)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	LIGHT ASSY., (See page 192)
	70911043	2	NUT, 1/2"NF
	70677008	2	WASHER, plain
	70910210	2	LOCKWASHER, external tooth, 1/2"
2	70061528	2	BOSS
3	70076140	2	BRACKET, pivot
	70928043	2	CAPSCREW, 5/8"NC x 3-1/2"
	70912942	2	LOCKWASHER, 5/8"
	70911029	2	NUT, 5/8"NC
4	70691253	1	CABLE, light connecting
5	73059884	16	CLIP, cable supporting (Adhesive backing)

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ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	MOTOR, starting (Delco-Remey No. 111 3900)(Original equipment; Order MOTOR 4387529-3)
	4387529-3	1	MOTOR, starting (Delco-Remey No. 1113898)(Service replacement)
2	0926775-8	2	CAPSCREW, Nylok, 5/8"NC x 2-1/2"
3	0648262-4	1	STUD, Nylok, 5/8"NF x 3-1/8"
	0911044-6	1	NUT, 5/8"NF
	0912942-0	3	LOCKWASHER, 5/8"
NOTE: Order starting motor parts from local United Motors Service agency.			
4	0623545-1	1	STRAP, starter to ground
5	0927172-7	1	CAPSCREW, 1/2"NC x 1-1/4"
	0912441-3	1	LOCKWASHER, 1/2"
	0906961-8	1	LOCKWASHER, int-tooth 1/2"
6	0621278-1	1	ADAPTER, starting motor

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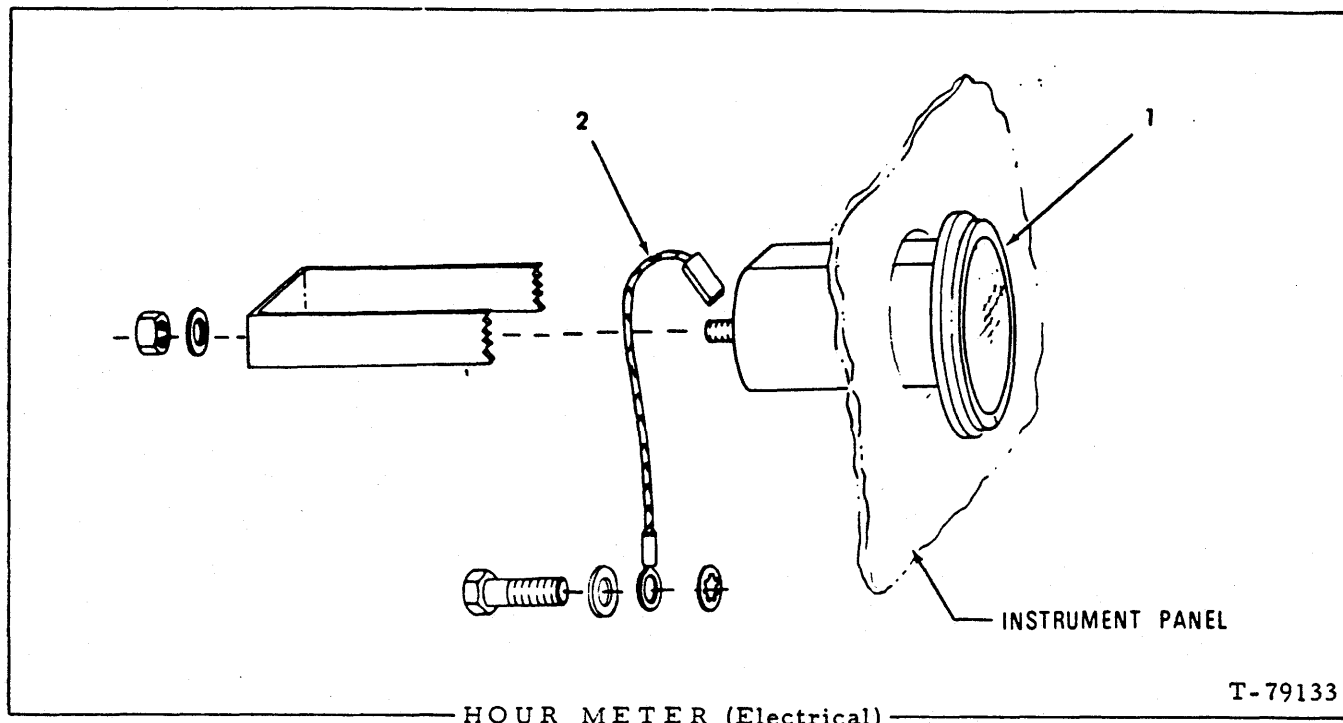
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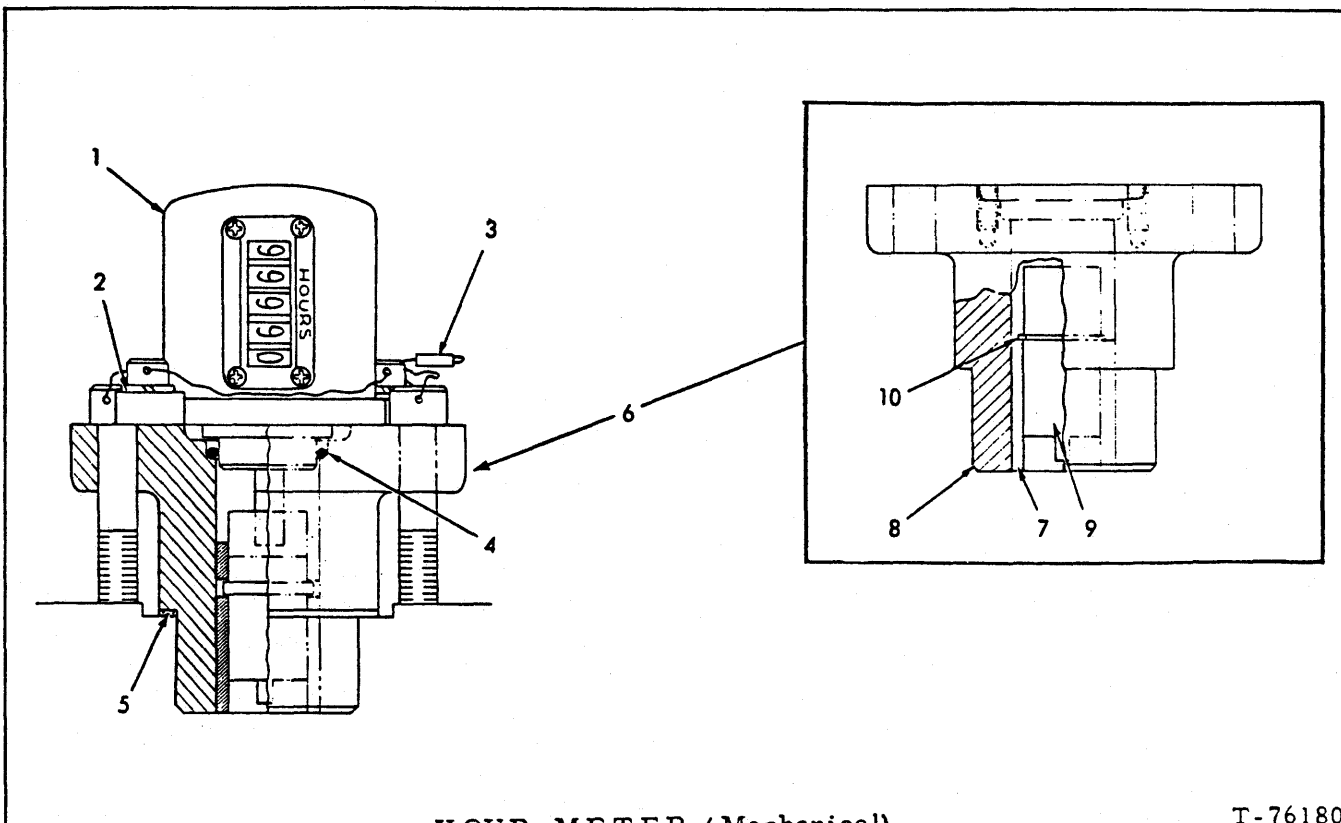
USAGE: Tractor serial No. 16C18176 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	70688997	1	METER, hour (Includes mounting clamp)
2	70675306	1	CABLE, ground
	70922300	1	CAPSCREW, 3/8"NC x 3/4"
	70911115	1	WASHER, plain
	70906960	1	LOCKWASHER, internal tooth, 3/8"

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— HOUR METER (Mechanical) —

T-76180

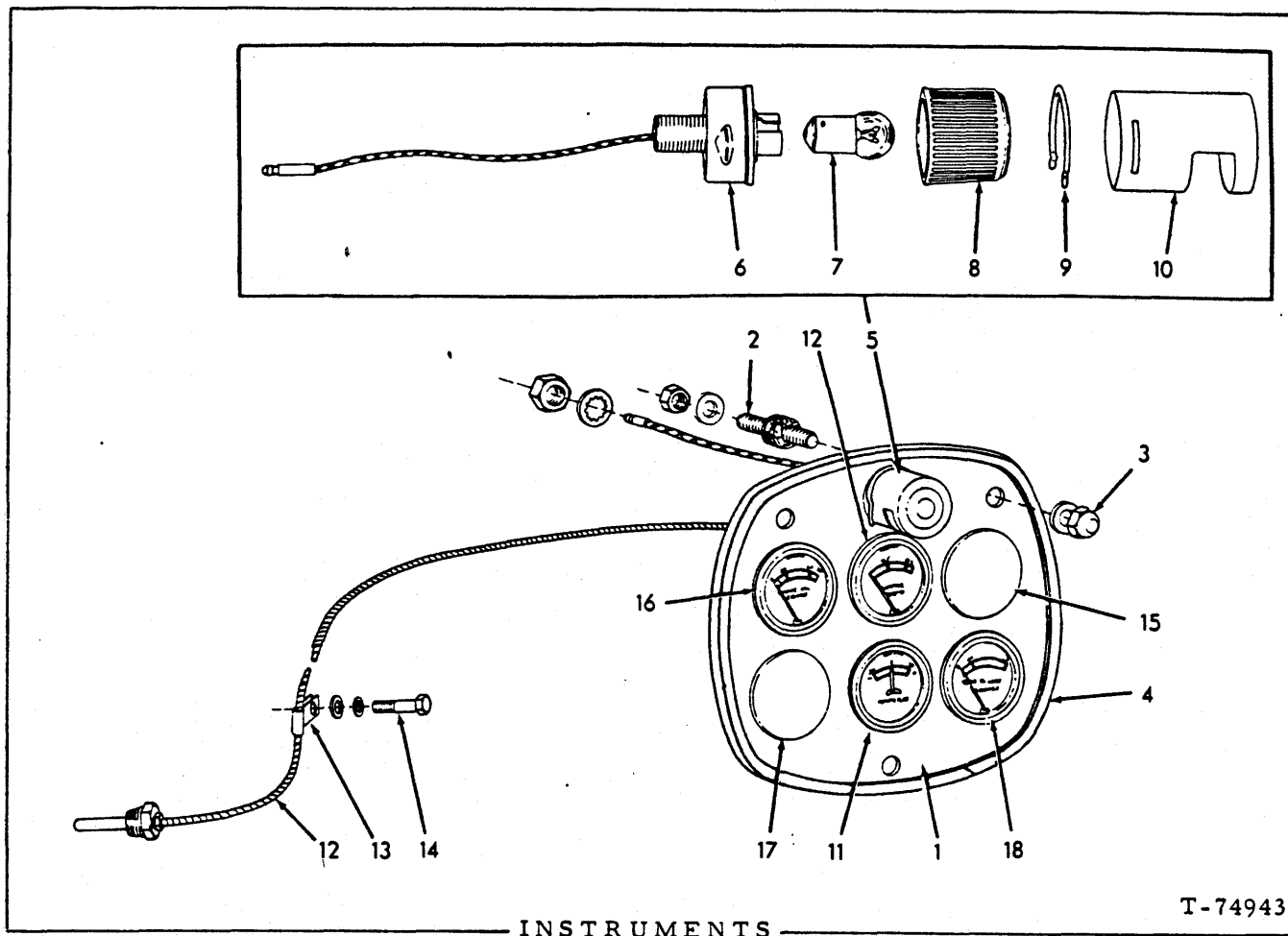
USAGE: Engines prior to S/N 11-22949

ITEM	PART NO.	QTY.	DESCRIPTION
1	4359290-6	1	METER, hour (Serviced only as a unit)
2	4359293-0	2	CLAMP, meter retaining
	4027687-5	2	SCREW, hex-socket-hd., 1/4"NF x 7/8"
	0904204-5	2	LOCKWASHER, 1/4"
3	4355843-6	1	SEAL, anti-tampering
4	0923934-4	1	O-RING, meter mounting
5	4253773-8	1	GASKET, adapter housing
6	4359311-0	1	ADAPTER ASSY. (Consists of items 7 thru 10)
	4359231-0	2	SCREW, hex-socket hd., 3/8"NC x 2-1/4"
7	4255962-5	1	BUSHING, adapter housing, lower
8	-----	1	HOUSING, adapter (Not serviced separately)
9	4359269-0	1	SHAFT, coupling
10	4255961-7	1	RING, retaining

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USAGE: Tractors prior to serial No. 16C18176

ITEM	PART NO.	QTY.	DESCRIPTION
1	70686358	1	PLATE, instrument mounting (If for first replacement prior to unit #17443 also order 1 SEAL 70686516 and 3 WASHER 70930728)
2	70642746	3	CUSHION, instrument mounting plate.
	70930370	3	WASHER, plain
	70911041	3	NUT, 3/8"NF
3	70930404	3	NUT, instrument mounting plate
	70930728	3	WASHER, plain
4	70656923	1	SEAL, weather, instrument mounting plate (Tractors prior to unit #17443)
	70686516	1	SEAL, weather, instrument mounting plate (Tractors unit #17443 and up)
5	70658641	1	LIGHT ASSY., instrument panel (Consists of items 6 thru 10)
	70911049	1	NUT, jam, 5/8"NF
	70910334	1	LOCKWASHER, int-tooth, 5/8"
6	-----	1	BASE ASSY., (Not serviced separately)

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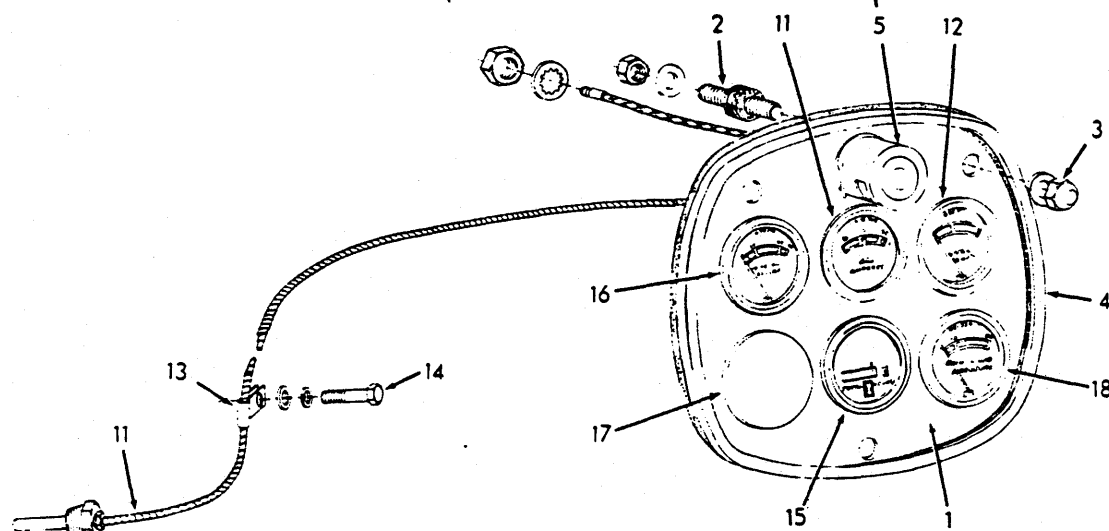
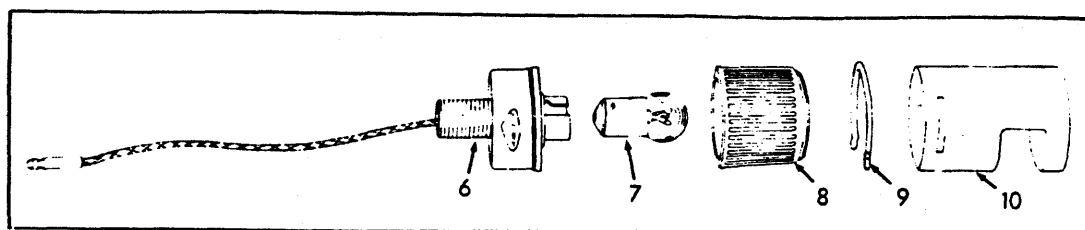
INSTRUMENTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	70074452	1	BULB, instrument light (single contact, 6 C. P., 24 volts)
8	70095267	1	LENS, instrument light
9	70095265	1	SPRING, retaining, instrument light cover
10	70659002	1	COVER, instrument light
11	70658348	1	AMMETER (30 amp. Includes mounting clamp)(Standard)
	70658534	1	AMMETER (80 amp. Includes mounting clamp)(Special equipment)
12	70658397	1	GAUGE, engine temperature (Includes mounting clamp)
13	70639388	1	CLIP, temperature gauge tube
14	70927541	1	CAPSCREW, 1/4"NF x 3/4"
	70677004	1	WASHER, plain
15	-----	1	GAUGE, fuel pressure (Tractors prior to unit #17301)(See page 209)
	70921193	1	PLUG, button, 2-3/32" hole diam. (Tractor unit #17301 and up)
16	-----	1	GAUGE, engine oil pressure (See page 208)
17	70921193	1	PLUG, button, 2-3/32" hole diam.
18	-----	1	GAUGE, engine clutch lubricating pressure (See page 208A)

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T-74943

INSTRUMENTS

USAGE: Tractors serial No. 16C18176 and up

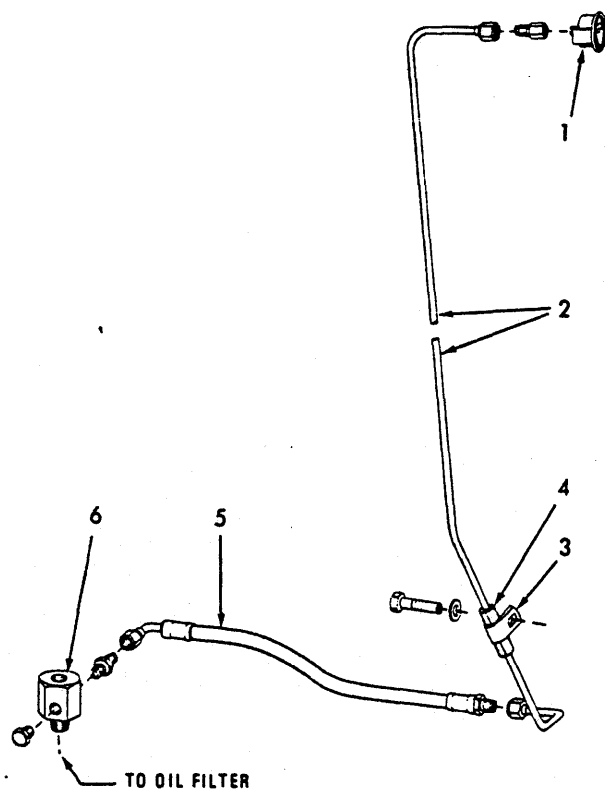
ITEM	PART NO.	QTY.	DESCRIPTION
1	70690489	1	PLATE, instrument mounting
2	70642746	3	CUSHION, instrument mounting plate
	70930370	3	WASHER, plain
	70911041	3	NUT, 3/8"NF
3	70930404	3	NUT, instrument mounting plate
	70930728	3	WASHER, plain
4	70692562	1	SEAL, weather, instrument mounting plate
5	70658641	1	LIGHT ASSY., instrument panel (Consists of items 6 thru 10)
	70911049	1	NUT, jam, 5/8"NF
	70910334	1	LOCKWASHER, int-tooth, 5/8"
6	-----	1	BASE ASSY. (Not serviced separately)
7	70074452	1	BULB, instrument light (single contact, 6 C. P., 24 volts)
8	70095267	1	LENS, instrument light
9	70095265	1	SPRING, retaining, instrument light cover

(Continued)



INSTRUMENTS (Continued)

ITEM	PARTS NO.	QTY.	DESCRIPTION
10	70659002	1	COVER, instrument light
11	{ 70658348	1	AMMETER (30 amp. Includes mounting clamp)(Standard)
	{ 70658534	1	AMMETER (80 amp. Includes mounting clamp)(Special equipment)
12	70658397	1	GAUGE, engine temperature (Includes mounting clamp)
13	70639388	1	CLIP, temperature gauge tube
14	70927541	1	CAPSCREW, 1/4"NF x 3/4"
	70677004	1	WASHER, plain
15	-----	1	HOUR METER (See page 204A)
16	-----	1	GAUGE, engine oil pressure (See page 208)
17	70921193	1	PLUG, button, 2-3/32" hole diam.
18	-----	1	GAUGE, engine clutch lubricating pressure (See page 208A)



ENGINE OIL PRESSURE GAUGE

T-74944

ITEM	PART NO.	QTY.	DESCRIPTION
1	0658293-6	1	GAUGE (Includes mounting clamp)
2	0678567-9	1	TUBE ASSY., (Includes nuts)
	0919174-3	1	CONNECTION, flare type, 1/4" tube, 1/8"NPT female
3	0047381-9	1	CLIP, tube supporting
	0922300-9	1	CAPSCREW, 3/8"NC x 3/4"
	0677006-9	1	WASHER, plain
4	0093972-8	1	BOOT, tube protecting (rubber)
5	0681974	1	HOSE, (See HOSE PARTS)
	0919546	1	ELBOW, flare type, 1/4" tube, 1/4"NPT male
6	4339606-8	1	ADAPTOR, oil pressure gauge line
	0919840-9	1	PLUG, pipe, hex-hd., (Used on units equipped with 50 ampt. ALTERNATOR)



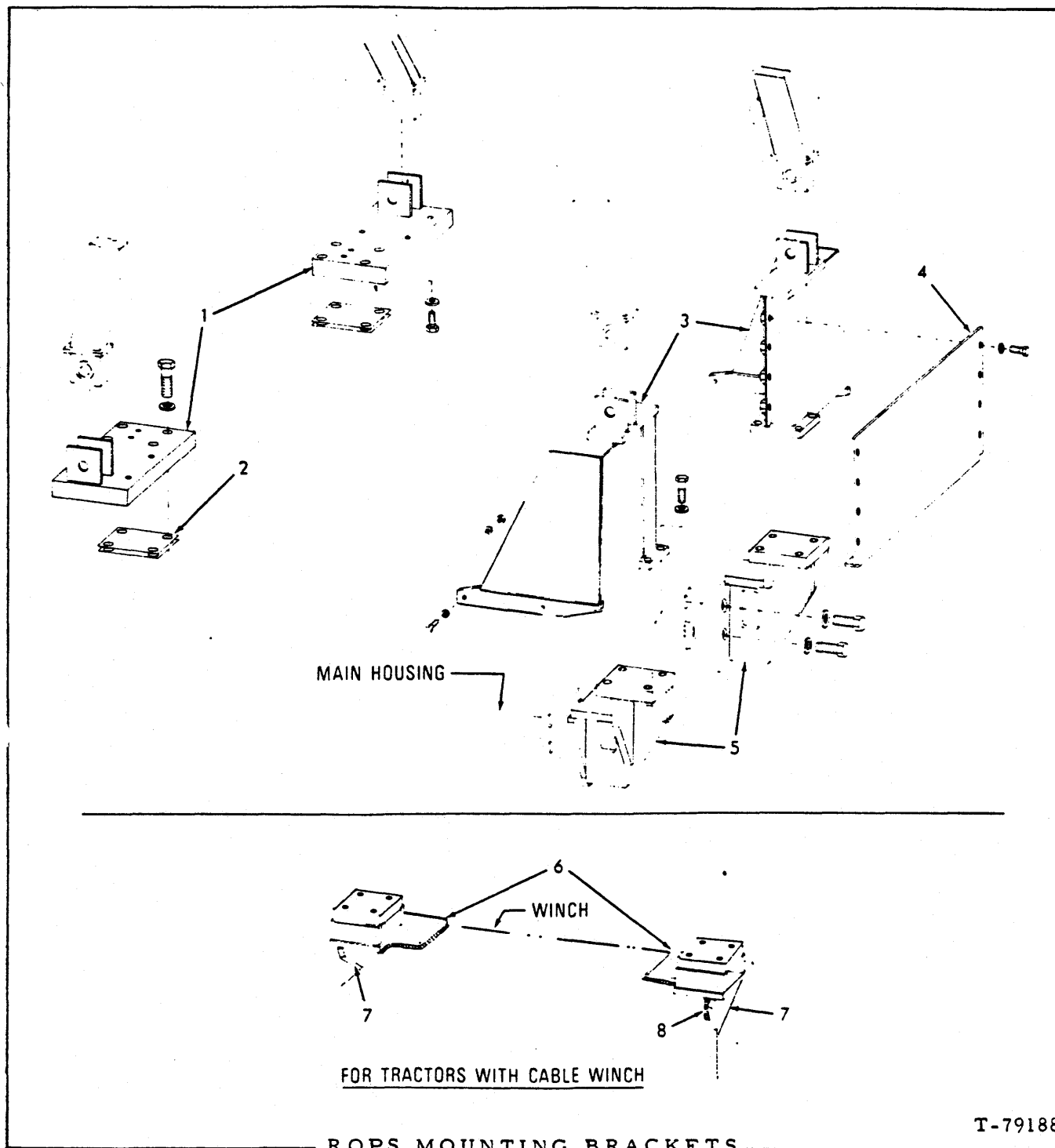
VANDALISM PREVENTION PARTS

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: Padlocks are required to complete the various installations.

1	70675810	1	GUARD, instrument panel (Requires welding to cowl)(Tractors prior to unit #18176)	
	70693647	1	GUARD, instrument panel (Requires welding to cowl)(Tractors unit #18176 and up)	
2	70660936	1	LUG, instrument panel guard, upper	Requires welding to install
2A	70658144	1	LUG, instrument panel guard, lower	
3	70660074	1	COLLAR, engine oil filler elbow	
	70922287	1	CAPSCREW, 3/8"NC x 1-3/4"	
	70910287	1	LOCKWASHER, 3/8"	
	70677006	3	WASHER, plain	
4	70659721	1	BRACKET, engine oil filler closure	
5	70657553	1	COVER, fuel tank cap	Tractors prior to unit #17021
6	70924838	1	RIVET, fuel tank cap cover	
7	70657556	1	CLAMP, fuel tank filler neck	
	70927401	1	CAPSCREW, 1/4"NC x 1"	
	70910285	1	LOCKWASHER, 1/4"	
	70911024	1	NUT, 1/4"NC	
8	70659175	1	ANGLE, locking, engine oil level gauge	
9	74254980	1	CLAMP, supporting, locking angle	
10	70650178	1	NUT, locking, engine oil level gauge (upper)	
11	70925164	1	FERRULE, locking nut	
12	70925162	1	NUT, locking, engine oil level gauge (lower)	
13	70682498	1	PLATE, locking, hydraulic tank cap	
	70922287	2	CAPSCREW, 3/8"NC x 1-3/4"	
	70910287	2	LOCKWASHER, 3/8"	
14	70675809	1	COVER, radiator filler cap (Requires welding to radiator guard right top closure cover)	
15	70663618	1	BLOCK, locking, radiator filler cap cover (Requires welding to radiator guard left top closure cover)	



USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70686389	1	BRACKET, frame mounting, left
	70686390	1	BRACKET, frame mounting, right
	70922789	8	CAPSCREW, 3/4"NC x 3"
	70922743	6	CAPSCREW, 3/4"NC x 2"
	70677012	14	WASHER, plain

(Continued)

Replaces page 212 in 11-B Parts Catalog 70677388
Printed in U.S.A.

(Revised February 1975)

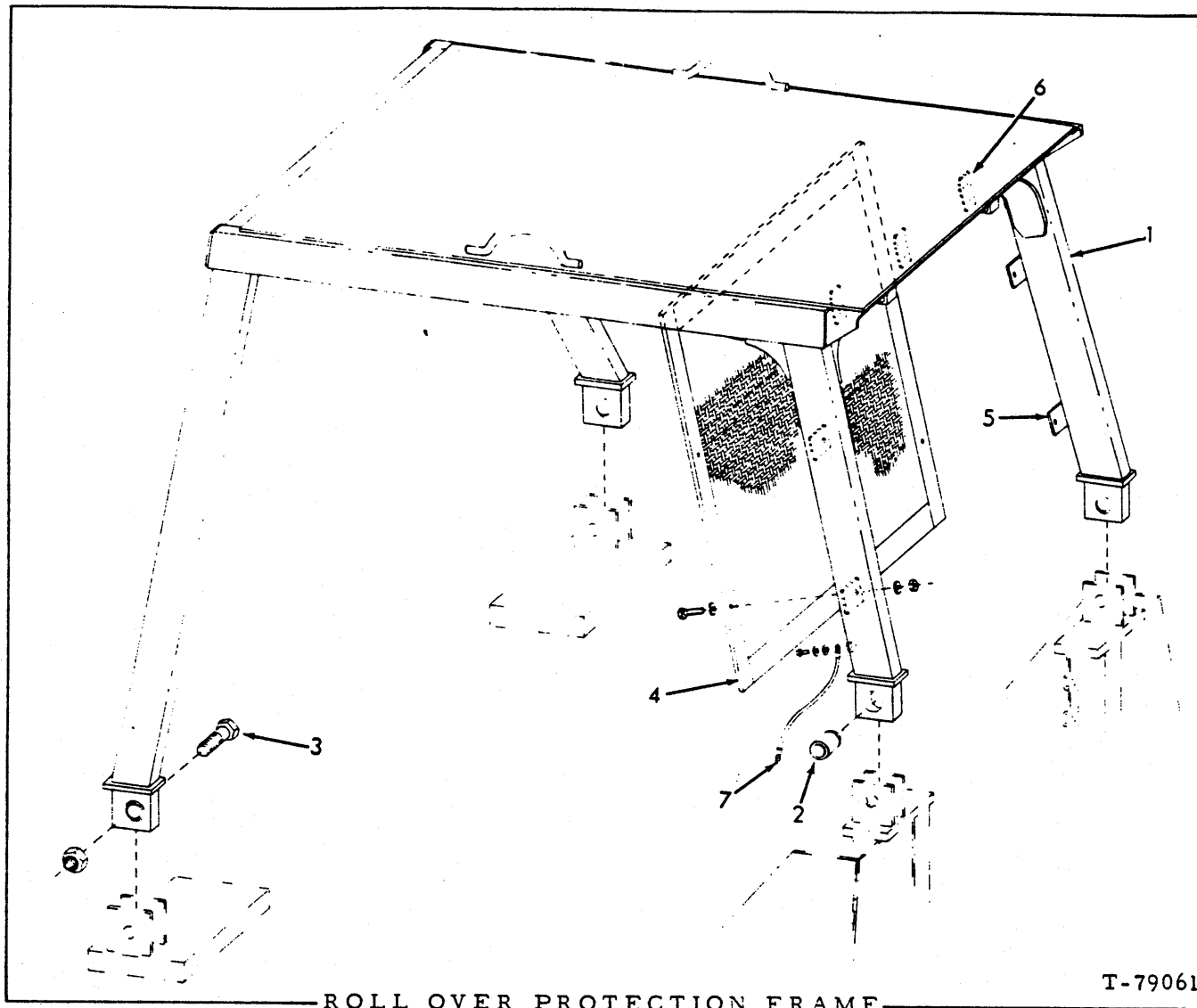


ROPS MOUNTING BRACKETS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
2	70687969	4	SHIM (Used as required)	
3	70686393	1	GUARD, fuel tank, left	
	70686394	1	GUARD, fuel tank, right	
	70922744	8	CAPSCREW, 3/4"NC x 2-1/2"	
	70677012	8	WASHER, plain	
	70922526	4	CAPSCREW, 1/2"NC x 2-1/2"	
	70677008	8	WASHER, plain	
	70911028	4	NUT, 1/2"NC	
4	70686481	1	PLATE	
	70920585	8	CAPSCREW, 1/2"NC x 1-3/4"	
	70677008	8	WASHER, plain	
5	70693315	1	BRACKET, cab or canopy mounting, left	For tractors equipped with drawbar
	70693316	1	BRACKET, cab or canopy mounting, right	
	70923201	4	CAPSCREW, 1-1/4"NF x 3"	2 less used on units with counterweight
	70928453	4	WASHER, plain	
	70925809	2	CAPSCREW, 1"NF x 2-3/4"	
	70928452	2	WASHER, plain	
6	70682729	1	*BRACKET, cab or canopy mounting, left	For tractors equipped with Cable Winch
	70682730	1	*BRACKET, cab or canopy mounting, right	
7	70682697	2	*PLATE	
8	70682727	2	*PLATE	

*Requires welding to install





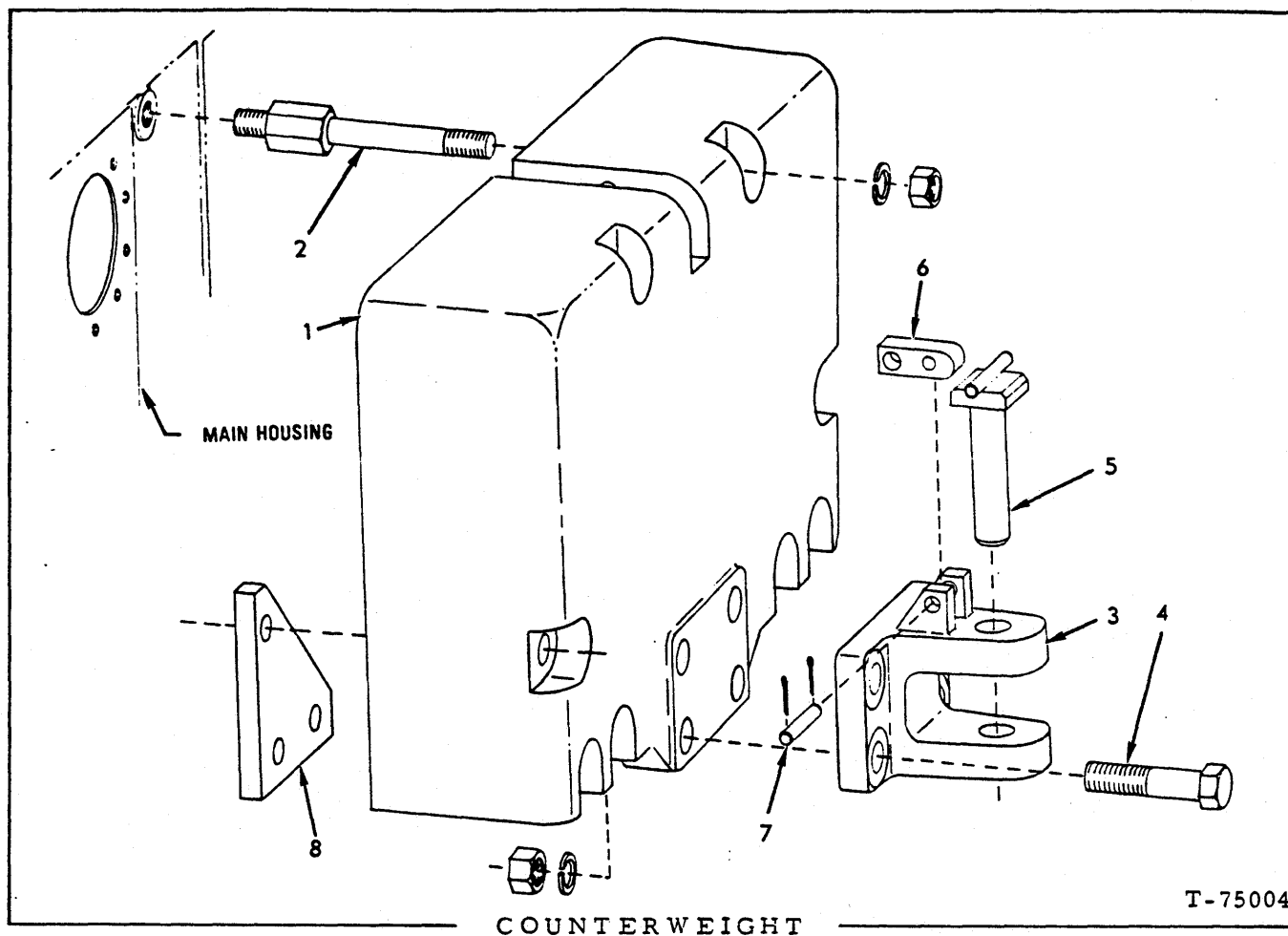
ROLL OVER PROTECTION FRAME

T-79061

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION	
1	70684987	1	FRAME ASSY. (Includes item 2)	
2	70685147	4	BUSHING	
3	70921241	4	CAPSCREW, 1"NC x 6"	
	70912845	4	NUT, elastic stop, 1"NC	
4	70685584	1	SCREEN	
	70921556	7	CAPSCREW, 1/2"NC x 2"	
	70677008	14	WASHER, plain	
	70911028	7	NUT, 1/2"NC	
5	70686446	4	BAR, screen-mounting	} Requires welding to install
6	70685768	3	BAR, screen-mounting	
7	70093176	1	CABLE, ground	
	70922300	2	CAPSCREW, 3/8"NC x 3/4"	
	70677006	2	WASHER, plain	
	70906960	2	LOCKWASHER, internal tooth, 3/8"	

NOTE: See PAINTING AND MARKING for transfer

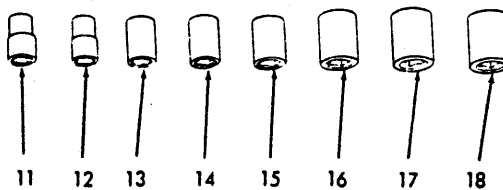
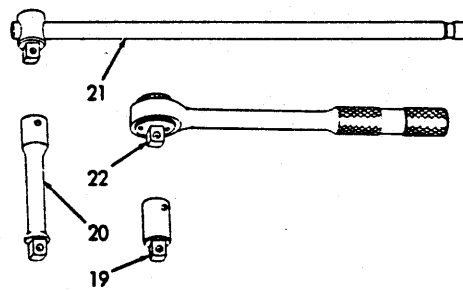
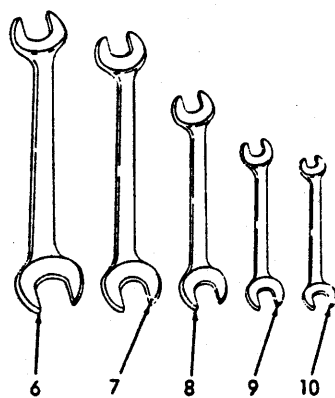
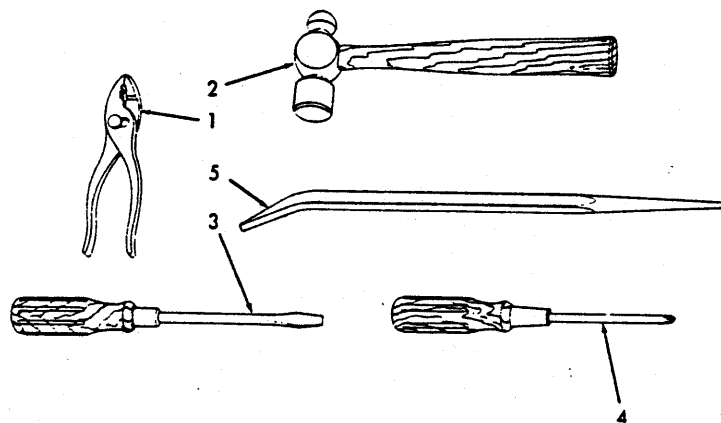


T-75004

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70659373	1	COUNTERWEIGHT
2	70654982	8	STUD (Units without ROPS mounting brackets)
	70654981	8	STUD (plain)(Units with ROPS mounting brackets)
	70904210	8	LOCKWASHER, 1-1/4"
	70913097	8	NUT, 1-1/4"NF
3	70633729	1	BRACKET, coupling (See DRAWBAR)
4	70648331	4	CAPSCREW, 1-1/2"NF x 6-1/4"
	70913077	4	LOCKWASHER, 1-1/2"
	70916555	4	NUT, 1-1/2"NF
5	70633730	1	PIN, drawbar
6	70629697	1	BLOCK, retaining, drawbar pin
7	70629698	1	PIN, retaining block
	70900806	2	PIN, cotter, 1/8" x 1"
8	70693341	2	PLATE (Units with ROPS mounting brackets)





TOOLS

T-17464

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