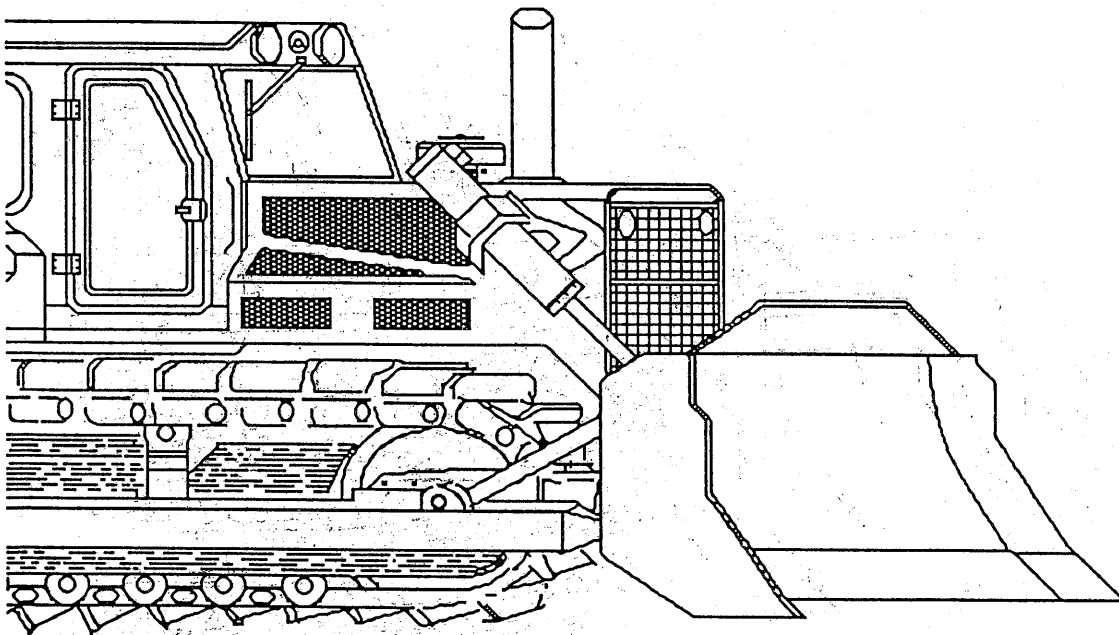


HD-6A, HD-6AG HD-6B, HD-6E

CRAWLER TRACTOR

Parts Catalog



Form 70671739
3rd printing 1-89

Swing
front cover

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.

Fiatallis is not responsible for any liability arising from any damage resulting from defects caused by parts and/or components not approved by Fiatallis for use in maintaining and/or repairing products manufactured or merchandized by Fiatallis.

In any case, no warranty of any kind is made or shall be imposed with respect to products manufactured or merchandized by Fiatallis when failures are caused by the use of parts and/or components not approved by Fiatallis.

HD-6A, HD-6AG HD-6B, HD-6E

crawler tractors

parts catalog

S/N 13322-UP

S/N 40M22251-UP

S/N 70C22251-UP

S/N 94S22251-UP

Form 70671739 English



WARNING

STUDY THE OPERATION AND MAINTENANCE
INSTRUCTION MANUAL THROUGH BEFORE STARTING,
OPERATING, MAINTAINING, FUELING OR SERVICING THIS
MACHINE.

PUBLICATIONS AVAILABLE
FOR
MODELS HD6A, B, E, AG (S/N 13322 - UP)
CRAWLER TRACTORS
ORDER FROM LOCAL FIAT-ALLIS DEALER

<u>DESCRIPTION</u>	<u>SERIAL NO.</u>	ENGLISH	ESPAÑOL (Spanish)	FORM NO. PORTUGUÊS (Portuguese)	FRANÇAIS (French)
PARTS CATALOGS					
Tractor All	0671739				
Accessories, Dozer (6HA, 6HS), Ripper (TR6), Hydraulics All	0690030				
Injection Pump. All	0643833				
OPERATORS MANUALS					
HD6A All	0626109	} 0628302	0628303	0628304	
HD6AG, HD6B All	0669126				
HD6E . . . Prior to tractor #14484	0626109				
HD6E Effective with tractor #14484	0667381				
SERVICE MANUALS					
Complete Manual HD6B		0648880			
Dozer All	0644308	0647070	0671611		0647495
Electrical System All	0680006				
Engine All	0645120	0650407	0650408		0650409
Engine Clutch All	0650396	0657932	0657933		0657934
Final Drive 6A, B, AG All; 6E prior to #14484	0671115	0657938	0657939		0657940
6E #14484 and up	0686770	0656633	0656634		0656635
Injection Nozzles & Holders . . All	0682797				
Injection Pump All	0657398				
Steering Clutches & Brakes 6A, B, AG(All); 6E prior to #14484	0650433	0657935	0657936		0657937
6E #14484 and up	0690347	0656639	0656640		0656641
Transmission, Bevel Gear, Drive Shaft U-Joint All	0650432	0656742	0656743		0656744
Undercarriage 15730-UP	0645550	0650413	0650414		0650415
Prior to 15730	0677543				

NOTICE

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.

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.

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

Several distinct models of the HD6 tractor are available and this Parts List has been prepared to show the parts for each. 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.

The models and their identifying symbols are indicated below. This symbol is stamped in front of the tractor serial number on each model.

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
*HD6A	6000	44" tread, 34-link track
HD6B	6000	60" tread, 34-link track standard (37 or 39-link optional)
HD6AG	6000	60" tread, 34-link track, turbocharged.
HD6E	6000	60" tread, 37-link track (39-link optional)

*Indicates discontinued Models

RECORD YOUR SERIAL NUMBERS BELOW

TRACTOR SERIAL NO. _____

ENGINE SERIAL NO. _____

SERIAL NUMBER LOCATION

MODEL SERIAL NO: On rear face of steering clutch housing at the upper right hand corner; also vertically on right side of the rear edge. Also on small plate attached to cowl. (See NOTE below)

ENGINE SERIAL NO: On plate attached to the left hand side of the cylinder block at rear end. Also on small plate attached to cowl.

MODEL SERIAL NUMBER

NOTE: Effective in 1969, the model serial numbering system was changed. Under the prior system, models were numbered consecutively in numerals only. Thereafter models are identified by an 8-character combination of letters and numerals.

***SERIAL NO.**, 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.
HD6AG	9 4 S	2 2 2 5 1
HD6B	4 0 M	2 2 2 5 1
HD6E	7 0 C	2 2 2 5 1

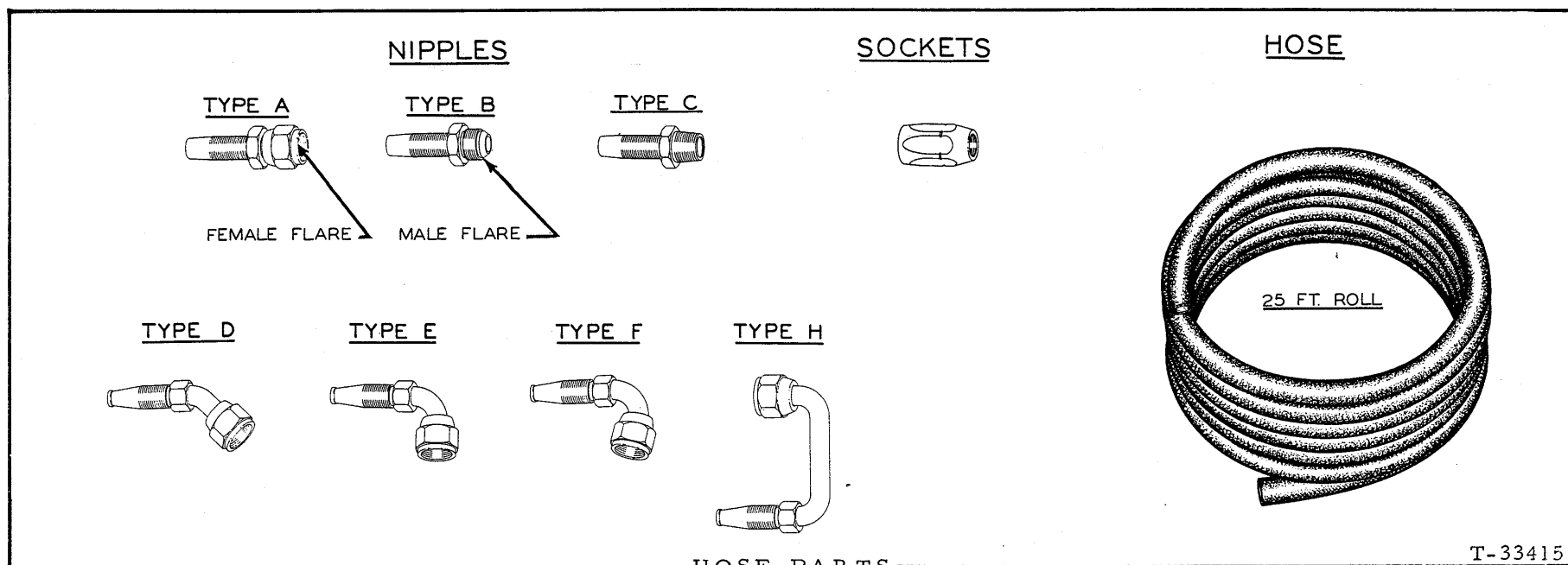
ALPHABETICAL INDEX

Air Cleaner - - - - -	76,79,81,83,87,89
Air Cleaner Extension - - - - -	355
Air Heater - - - - -	103,105
Air Restriction Indicator - - - - -	90
Batteries and Cables - - - - -	336,341
Battery Boxes - - - - -	309,311
Battery Mounting - - - - -	338
Bevel Gear and Shaft - - - - -	175,181
Bottom Guards - - - - -	236,237
Brake Control- - - - -	211,219
Brakes - - - - -	211,213
Camshaft - - - - -	26
Connecting Rod - - - - -	24
Control Valve and Filters - - - - -	199
Cowl - - - - -	302
Crankcase Guard - - - - -	234,236,237
Crankshaft - - - - -	22
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Cylinder Head - - - - -	29
Cylinder Sleeve - - - - -	15
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Heavy-Duty Oil Filter - - - - -	44,45
Steering Control Filter - - - - -	203
Engine and Mounting - - - - -	13
Engine Clutch Brake - - - - -	133,139
Engine Clutch Control - - - - -	137,147
Engine Clutch and Housing- - - - -	131,139
Engine Clutch Oiling System - - - - -	149
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Engine Shut-off Control - - - - -	97
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Heavy-Duty Oil - - - - -	41,43
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Fuel Tank - - - - -	50,52
Fuel Tank Guard - - - - -	352
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Air Restriction Indicator - - - - -	90
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Engine Oil Pressure - - - - -	332,334
Engine Temperature - - - - -	332,334
Fuel Level- - - - -	50,52
Fuel Pressure- - - - -	334,347
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Tail - - - - -	329	Steering Clutches - - - - -	177, 179
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Main Frame- - - - -	234	Steering Pump Drive - - - - -	25
Main Housing- - - - -	169, 173	Steering Pump and Lines - - - - -	205
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Engine Oil - - - - -	35	Air Heater Check - - - - -	103, 105
Engine Primer- - - - -	108	Brake - - - - -	213
Fuel Injection - - - - -	58	Engine Oil Pressure Regulating - - - - -	15
Steering - - - - -	205	Engine Oil Pump Relief - - - - -	35
Water - - - - -	124	Exhaust - - - - -	29
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Radiator Guard - - - - -	293	Steering Control - - - - -	199
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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)
			Including SOCKET	NIPPLE only	Type	Including SOCKET	NIPPLE only	Type		Part No.	X Dim	
620277	920221	13-5/8	920867	919277	E	920867	919277	E	919281			646143
622588	919155	12-5/8	920849	920302	A	920871	919157	E	919075			
628430	919156	15-1/2	920865	919081	E		919175	F	919076			644861
629158	919155	59-3/4	920864	919082	E	920864	919082	E	919075			646918
4335583	919196	10-1/8	920847	920301	A	920862	919194	E	919143			
4335716	919196	10-5/8	920847	920301	A	920833	919200	C	919143			
4335898	919155	19-1/2	920849	920302	A	920864	919082	E	919075			
4335931	919196	7	920862	919194	E _{short}	920869	919253	E _{long}	919143			
4335935	919155	15-1/2	920849	920302	A	920864	919082	E	919075			

4349776	919155	7	920849	920302	A	920836	919073	C	919075			
4376906	919196	16 3/8	920847	920301	A	920862	919194	E	919143			
	919156	36-1/2	920850	920303	A	920865	919081	E	919076			639414
	919196	24-1/4	920847	920301	A	920847	920301	A	919143			644328
	919196	28-1/2	920862	919194	E	920862	919194	E	919143			644329
	919156	8-9/16	920880	919254	D	920865	919081	E	919076			644394
	919156	6-3/4		921710	D		919175	F	919076			644395
	919156	96	920865	919081	E short	920872	919158	E long	919076			644858
	919156	117	920865	919081	E	920865	919081	E	919076			644859
	919156	27-5/8	920865	919081	E	920886	919913	H	919076			644860
	919156	27-5/8	920865	919081	E		919175	F	919076			644862
	919196	32-1/4	920847	920301	A	920847	920301	A	919143			644880
	919155	69	920849	920302	A	920864	919082	E	919075			645088
	919196	76	920877	919207	D	920862	919194	F	919143			646131
	919155	12-5/8	920849	920302	A	920879	919159	D	919075			646142
	919156	32-5/8	920880	919254	D	920865	919081	E	919076			646151
	919156	7-3/4	920850	920303	A	920858	919080	B	919076			646158
	919156	43-3/8	920850	920303	A	920858	919080	B	919076			646159
	919196	34-1/4	920855	919144	B	920869	919253	E	919143			646160
	919196	9-3/8	920855	919144	B	920869	919253	E	919143			646161
	919196	36	920877	919207	D	920862	919194	F	919143			646266
	919196	30-7/8	920862	919194	F	920799	919912	H	919143			646267
	919156	33-5/8	920858	919080	B	920865	919081	E	919076			646320
	919155	83-3/4	920864	919082	E	920864	919082	E	919075			646321
	919155	93-1/4	920849	920302	A	920864	919082	E	919075			646322
	919196	26-3/4	920877	919207	D	920877	919207	D	919143			646842
	919196	13-3/8	920877	919207	D	920869	919253	E	919143			646843
	919196	22-1/4	920847	920301	A	920862	919194	E	919143			646910
	919196	6	920847	920301	A	920833	919200	C	919143			646911
	919156	38-1/2	920850	920303	A	920880	919254	D	919076			646914
	920221	19-5/8	920852	920344	A	920867	919277	E	919281			646915
	919156	52-1/2	920858	919080	B	920865	919081	E	919076			646916

[illegible]

PACKAGED PARTS

PART NO.

DESCRIPTION

BLOCK KIT, clutch camshaft (See page 143)

069625

GASKET SET, main housing

2	049903	GASKET, outer bearing cover
1	050369	GASKET, bevel gear compartment rear cover
2	051245	GASKET, inner bearing cage
1	051403	GASKET, bevel gear compartment top cover
2	667206	GASKET, final drive compartment bottom cover
3	667252	GASKET, drain plug

069628

GASKET SET, transmission

1	035249	GASKET, case filling plug
1	049836	GASKET, input shaft seal ring
1	050267	WASHER, locking plunger sleeve
1	050294	GASKET, gear shift housing to case
1	050296	GASKET, top shaft front bearing cover
1	050298	GASKET, case to steering clutch housing
1	050304	GASKET, transmission case side cover
1	080166	BOOT, locking plunger

4338737

GASKET KIT, cylinder head

4	923574	O-RING, water by-pass tube
1	4300145	GASKET, water outlet elbow
2	4337769	GASKET, valve lifter cover
4	4338511	GASKET, muffler to cylinder head
4	4346138	GASKET, intake manifold
1	4348133	GASKET, breather tube
2	4349808	GASKET, water manifold
1	4349809	GASKET, thermostat housing
1	4349883	GASKET, cylinder head
1	4354113	GASKET, rocker cover
4	4378031	GASKET, injection nozzle holder

4349937

GASKET KIT, intermediate engine cylinder block

1	667252	GASKET, oil drain plug
1	923589	O-RING, fan drive
1	923815	O-RING, camshaft hole plug
1	4113897	GASKET, regulating valve nut
1	4335056	GASKET, water pump volute
1	4335712	GASKET, cover plate
1	4336345	GASKET, timing gear housing cover
1	4336897	RING, sealing, flywheel housing to crankcase
1	4346169	GASKET, oil pump discharge pipe
1	4346456	GASKET, water inlet pipe
1	4346744	GASKET, water pump
1	4347031	GASKET, water by-pass tube
1	4347120	GASKET, timing hole cover
1	4348126	GASKET, timing gear cover
1	4348136	GASKET, timing gear housing
1	4348184	GASKET, oil cooler to block
1	4348185	GASKET, oil filter to block, upper
1	4348215	GASKET, oil pump discharge pipe
1	4348218	GASKET, oil pump suction line
1	4349954	GASKET, oil cooler to filter
1	4349956	GASKET, oil filter to block, lower
1	4349984	GASKET, oil cooler water connection
1	4371289	GASKET, oil pan cover

LINING KIT (See BRAKES)

PACKAGED PARTS

PART NO.

DESCRIPTION

4358751

PISTON AND SLEEVE KIT

2	4255465	RETAINER, piston pin
1	4336578	RING SET
1	4337395	PIN, piston
1	4337971	SLEEVE, cylinder
2	4337972	O-RING, cylinder sleeve
1	4358730	PISTON

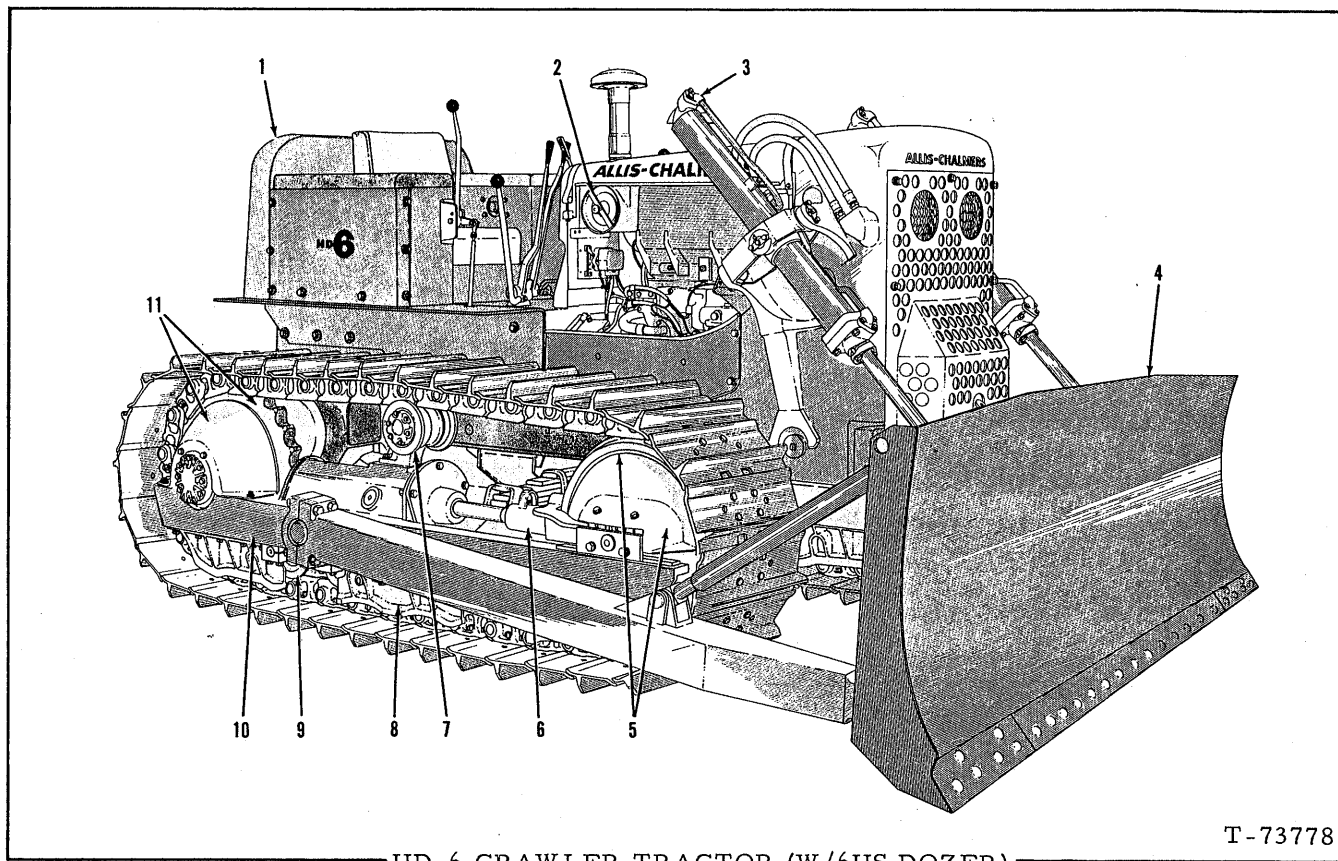
----- RADIATOR MOUNTING KIT, resilient type (See RADIATOR section)

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

----- SEAL KIT (See TRANSMISSION)

----- SEAL KIT (See FINAL DRIVE section, TRACK CARRIER ROLLER,
TRACK IDLER and TRACK ROLLERS)

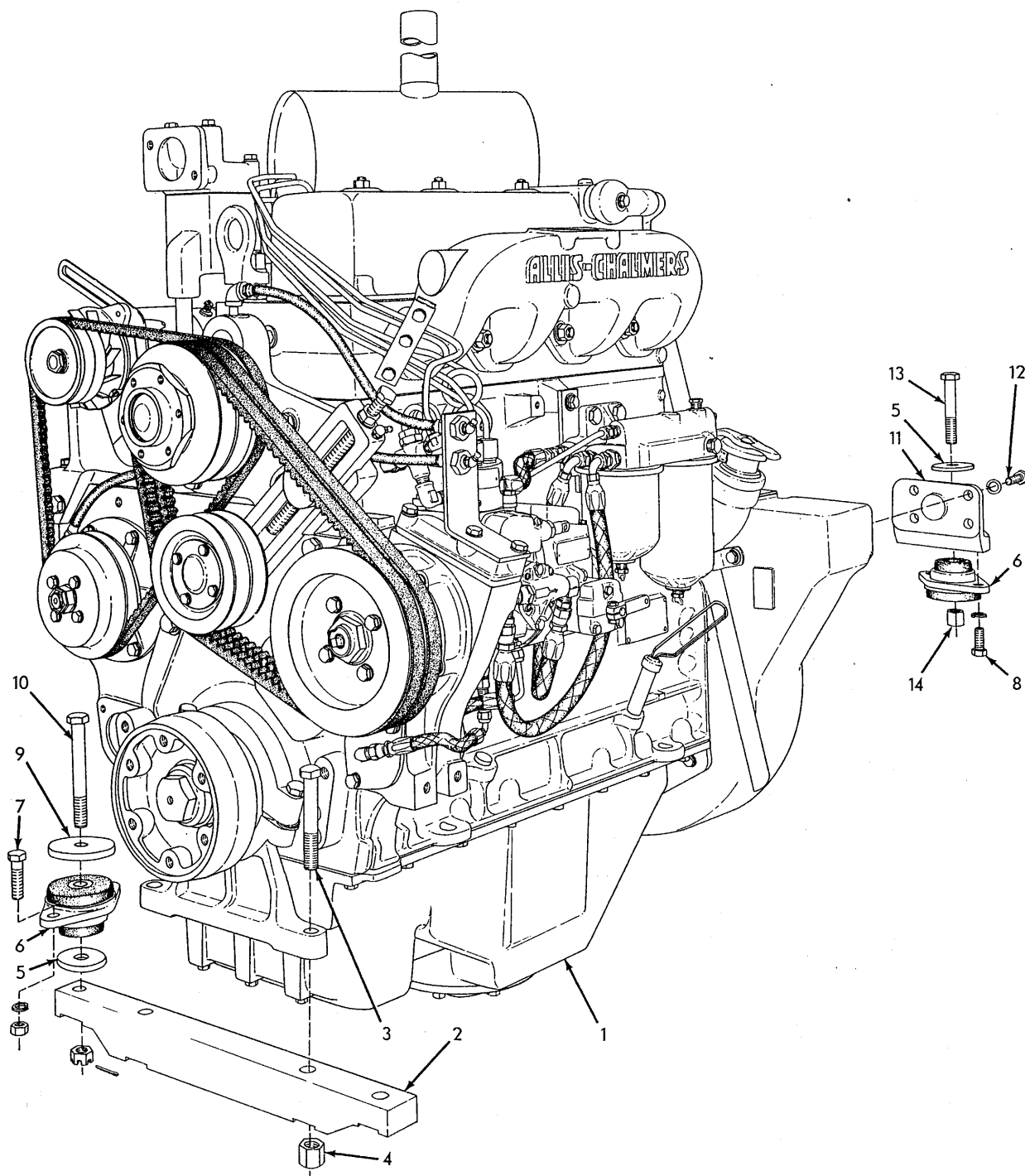
----- TRANSFER KIT (See PAINTING AND MARKING)



T-73778

HD-6 CRAWLER TRACTOR (W/6HS DOZER)

- | | |
|---------------------------------|-------------------------|
| 1. Fuel Tank | 7. Track Carrier Roller |
| 2. Air Cleaner | 8. Track Roller Guards |
| 3. See HD-6 Dozer Parts Catalog | 9. Track Roller |
| 4. See HD-6 Dozer Parts Catalog | 10. Track Frame |
| 5. Track Idler | 11. Sprocket |
| 6. Hydraulic Adjuster | |



T-24196

ENGINE AND MOUNTING

ENGINE AND MOUNTING

* Tractors with dry clutch

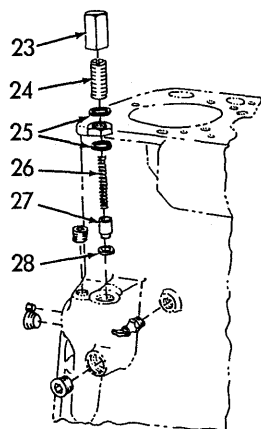
** Tractors with oil clutch

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4349912	1	-	ENGINE ASSEMBLY (Not turbocharged. Standard on all HD6A, B tractors and on HD6E tractors prior to #14484)
	4339621	1	-	ENGINE ASSEMBLY (Turbocharged. Optional on HD6AG)
	4337068	-	1	ENGINE ASSEMBLY (Not turbocharged. Optional on all HD6A, B tractors and on HD6E tractors prior to #14484)
	4337783	-	1	ENGINE ASSEMBLY (Not turbocharged. Model HD6E tractors #14484 and up)
	4339622	-	1	ENGINE ASSEMBLY (Turbocharged. Standard on HD6AG; Optional on HD6E)

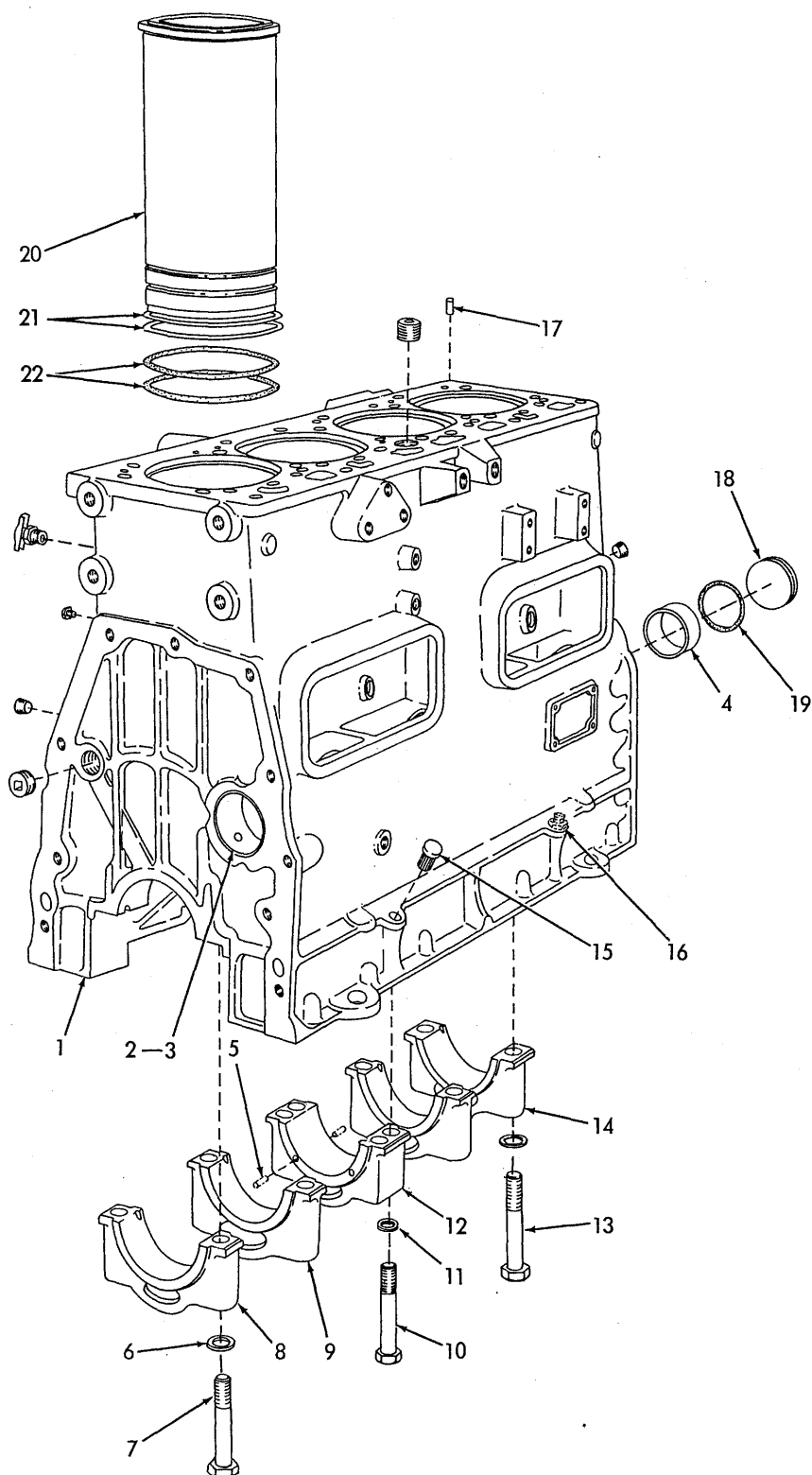
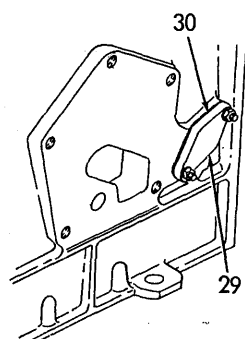
NOTE: Engines include oil filter, oil cooler, fuel filter, generator and muffler but do not include air cleaner, fan, starter, or the 1st stage fuel filter element. This element must be added if tractor is not equipped with special Heavy-duty Fuel Filter.

2	087464	1	1	HANGER, engine supporting, front
3	070299	2	2	CAPSCREW, 5/8"NF x 4"
4	072366	2	2	NUT, high, 5/8"NF
5	097283	4	4	WASHER, plain, shock mount
6	097284	4	4	MOUNT, shock
7	916313	4	4	CAPSCREW, 1/2"NC x 1-3/4" (front mounts)
8	916311	4	4	CAPSCREW, 1/2"NC x 1-1/4" (rear mounts)
	904208	8	8	LOCKWASHER, 1/2"
	911028	4	4	NUT, 1/2"NC (front mounts only)
9	096652	2	2	WASHER, plain, front shock mount
10	091984	2	2	CAPSCREW, front mount
	917362	2	2	NUT, thick, slotted, 5/8"NF
	900808	2	2	PIN, cotter, 1/8" x 1-1/2"
11	091080	2	2	BRACKET, rear mount
12	915987	8	8	CAPSCREW, 1/2"NC x 1-1/2"
	904208	8	8	LOCKWASHER, 1/2"
13	035541	2	2	CAPSCREW, rear mount (5/8"NF x 3-3/4")
14	072366	2	2	NUT, high, 5/8"NF

OIL PRESSURE
REGULATING VALVE
(RIGHT SIDE)



OIL DRAIN
HOLE COVER
(RIGHT SIDE)



CYLINDER BLOCK

T-39328

CYLINDER BLOCK

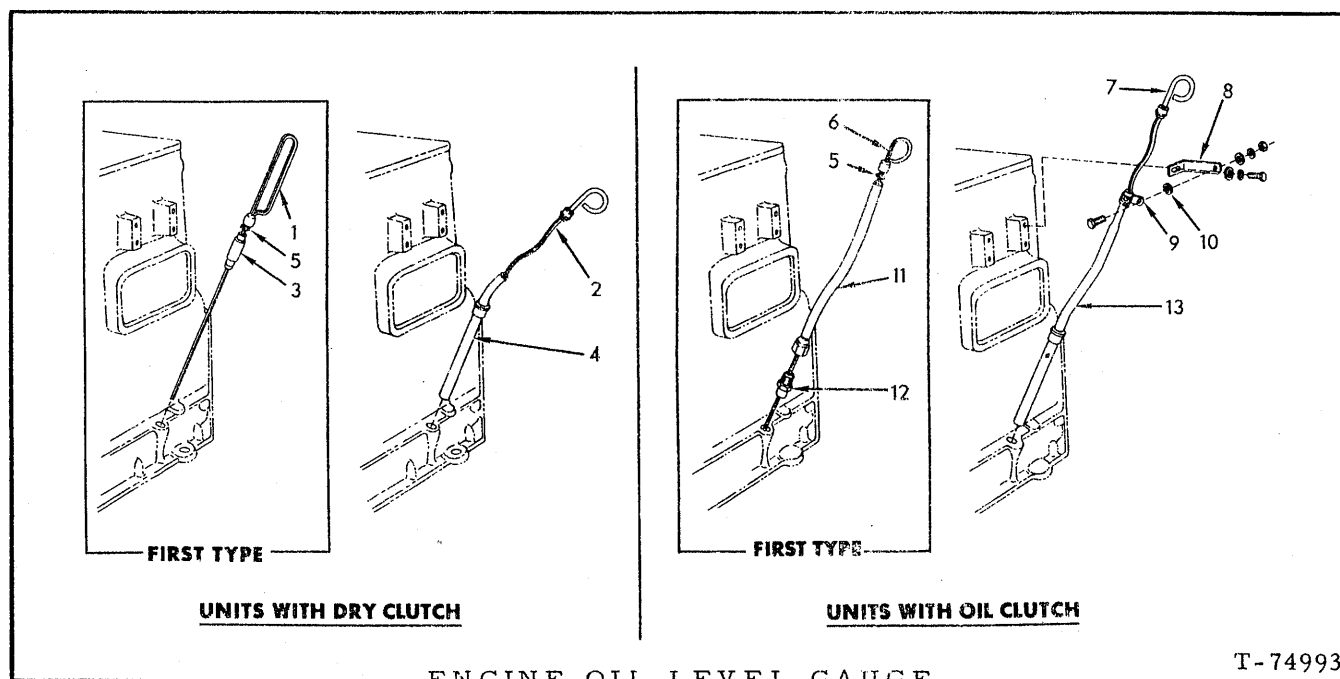
* Engines prior to serial No. 6-20262
 ** Engines serial No. 6-20262 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4338682	1	1	BLOCK ASSEMBLY (Includes items 2 thru 17, 28 thru 30 and hardware indented below)
	919134	2	2	PLUG, pipe, hex-hd., 1/8"NPT
	920333	1	1	PLUG, pipe, hex-hd., 3/8"NPT
	917970	1	1	PLUG, pipe, hex-socket, 1/2"NPT
	904223	2	2	PLUG, pipe, ctsk-hd., 1/2"NPT
	904224	1	1	PLUG, pipe, ctsk-hd., 3/4"NPT
	914215	1	1	COCK, drain, 1/4"NPT
	918887	1	1	PLUG, pipe, hex-socket, 3/8"NPT
2	{ 4346100	1	1	BEARING, camshaft, front (standard size)
	{ 4347416	1	1	BEARING, camshaft, front (.010" undersize)
3	{ 4346099	2	2	BEARING, camshaft, intermediate (standard size)
	{ 4347419	2	2	BEARING, camshaft, intermediate (.010" undersize)
4	{ 4346108	1	1	BEARING, camshaft, rear (standard size)
	{ 4347413	1	1	BEARING, camshaft, rear (.010" undersize)
5	-----	4	4	PIN, center main bearing cap (See CRANKSHAFT)
6	4354175	8	8	WASHER, main bearing capscrew
7	{ -----	2	-	STUD, front main bearing cap (Order CAPSCREW 4339037)
	{ 4346191	2	-	NUT, 3/4"NF
	{ 4339037	-	2	CAPSCREW, front main bearing cap (3/4"NC x 3-15/16")
8	4349630	1	1	CAP, front main bearing (See NOTE below)
9	4349632	2	2	CAP, intermediate main bearing (See NOTE below)
10	{ -----	4	-	STUD, center main bearing cap (Order CAPSCREW 4339038)
	{ 4346322	4	-	NUT, 5/8"NF
	{ 4339038	-	4	CAPSCREW, center main bearing cap (5/8"NC x 3-13/16")
11	4389910	4	4	WASHER, center main bearing capscrew
12	4349629	1	1	CAP, center main bearing (See NOTE below)
13	{ -----	6	-	STUD, rear and intermediate main bearing cap (Order CAPSCREW 4339036)
	{ 4346191	6	-	NUT, 3/4"NF
	{ 4339036	-	6	CAPSCREW, rear and intermediate main bearing cap (3/4"NC x 4-5/16")
14	4349631	1	1	CAP, rear main bearing (See NOTE below)
15	4362338	1	1	PLUG, crankcase
16	-----	1	1	ADAPTOR (See ENGINE OIL LEVEL GAUGE)
17	4336432	2	2	PIN, dowel, cylinder head

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

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
18	4335534	1	1	PLUG, camshaft hole	
19	923815	1	1	□O-RING, camshaft hole plug	
20	4337971	4	4	□SLEEVE, cylinder (If for engines prior to #6-15242 also order O-RING 4337972)	
21	4348857	-	-	SHIM, cylinder sleeve (.005" thick)	Use as required when block is remachined to correct sinking of sleeve
	4348856	-	-	SHIM, cylinder sleeve (.008" thick)	
	4348859	-	-	SHIM, cylinder sleeve (.010" thick)	
	4348858	-	-	SHIM, cylinder sleeve (.015" thick)	
	4348900	-	-	SHIM, cylinder sleeve (.020" thick)	
22	4346184	8	-	O-RING, cylinder sleeve (black)(Used prior to engine #6-15242)	
	4337972	8	8	□O-RING, cylinder sleeve (red)(Effective with engine #6-15242)	
23	-----	1	1	NUT, cap, oil pressure regulating valve (Used prior to engine #6-21077. Order item 24)	
24	4389058	1	1	SCREW, oil pressure regulating valve	
	910847	1	1	NUT, jam, 3/4"NF	
25	4113897	2	2	□GASKET, regulating valve nut (Used prior to engine #6-21077)	
26	4660358	1	1	SPRING, oil pressure regulating valve	
27	4500230	1	1	PISTON, oil pressure regulating valve	
28	4347465	1	1	INSERT, oil pressure regulating valve seat	
29	4313015	1	1	PLATE, cover, oil drain hole	Not used on turbocharged units
	4337224	2	2	STUD	
	910123	2	2	NUT, 3/8"NF	
	904206	2	2	LOCKWASHER, 3/8"	
30	4362458	1	1	GASKET, oil drain hole cover	

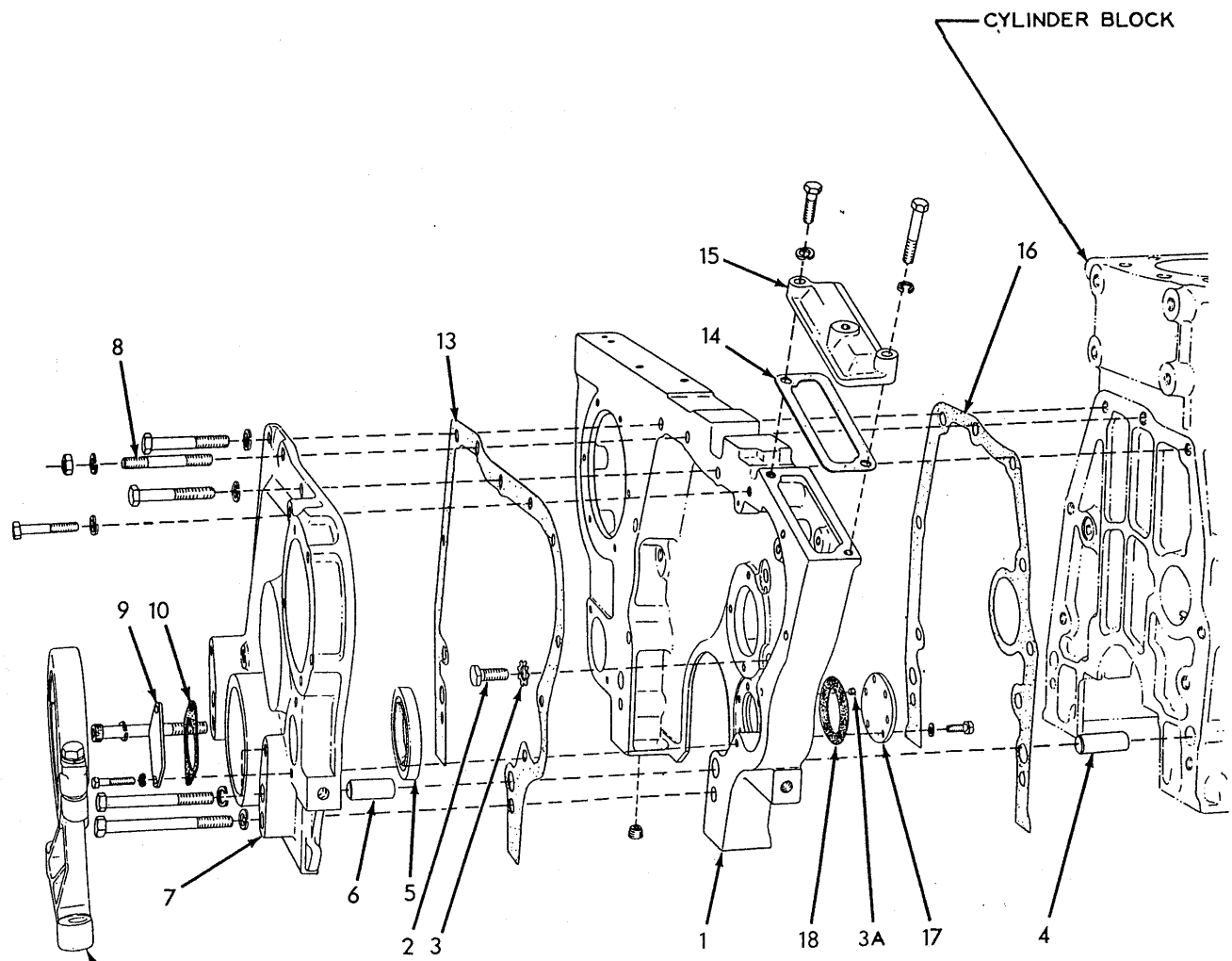


* Units with dry clutch. Standard on HD6A, B; also on HD6E tractors prior to serial No. 14484

** Units with oil clutch. Standard on HD6AG; also HD6E tractors serial No. 14484 and up.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	-	GAUGE ASSEMBLY (Engines prior to #6-25469) (Order items 2 and 4)
2	4354647	1	-	GAUGE (Effective with engine #6-25469)
3	4349037	1	-	ADAPTER, gauge (Engines prior to #6-25469)
4	4358922	1	-	ADAPTER, gauge (Effective with engine #6-25469)
5	4506607	1	1	SEAL, oil level gauge (Used with items 1 and 6 only)
6	-----	-	1	GAUGE ASSEMBLY (Engines prior to #6-25028) (Order items 7 and 13, also CLIP 920504)
7	4354936	-	1	GAUGE (Effective with engine #6-25028)
8	4354486	-	1	BRACKET, supporting, gauge tube
	915813	-	1	CAPSCREW, 5/16" NC x 7/8"
	904205	-	1	LOCKWASHER, 5/16"
	911422	-	1	WASHER, plain
9	918941	-	1	CLIP, gauge tube (1/2" diam.) (Engines prior to #6-25028)
	920504	-	1	CLIP, gauge tube (3/8" diam.) (Engines #6-25028 and up)
	915228	-	1	CAPSCREW, 3/8" NF x 1-1/4"
	904206	-	1	LOCKWASHER, 3/8"
	911041	-	1	NUT, 3/8" NF
10	4364079	-	2	WASHER, plain
11	4349938	-	1	TUBE ASSEMBLY, gauge (Includes nut)
12	4349939	-	1	ADAPTER, gauge
13	4354935	-	1	ADAPTER, gauge (Effective with engine #6-25028)

Engines prior to #6-25028



—TIMING GEAR HOUSING—

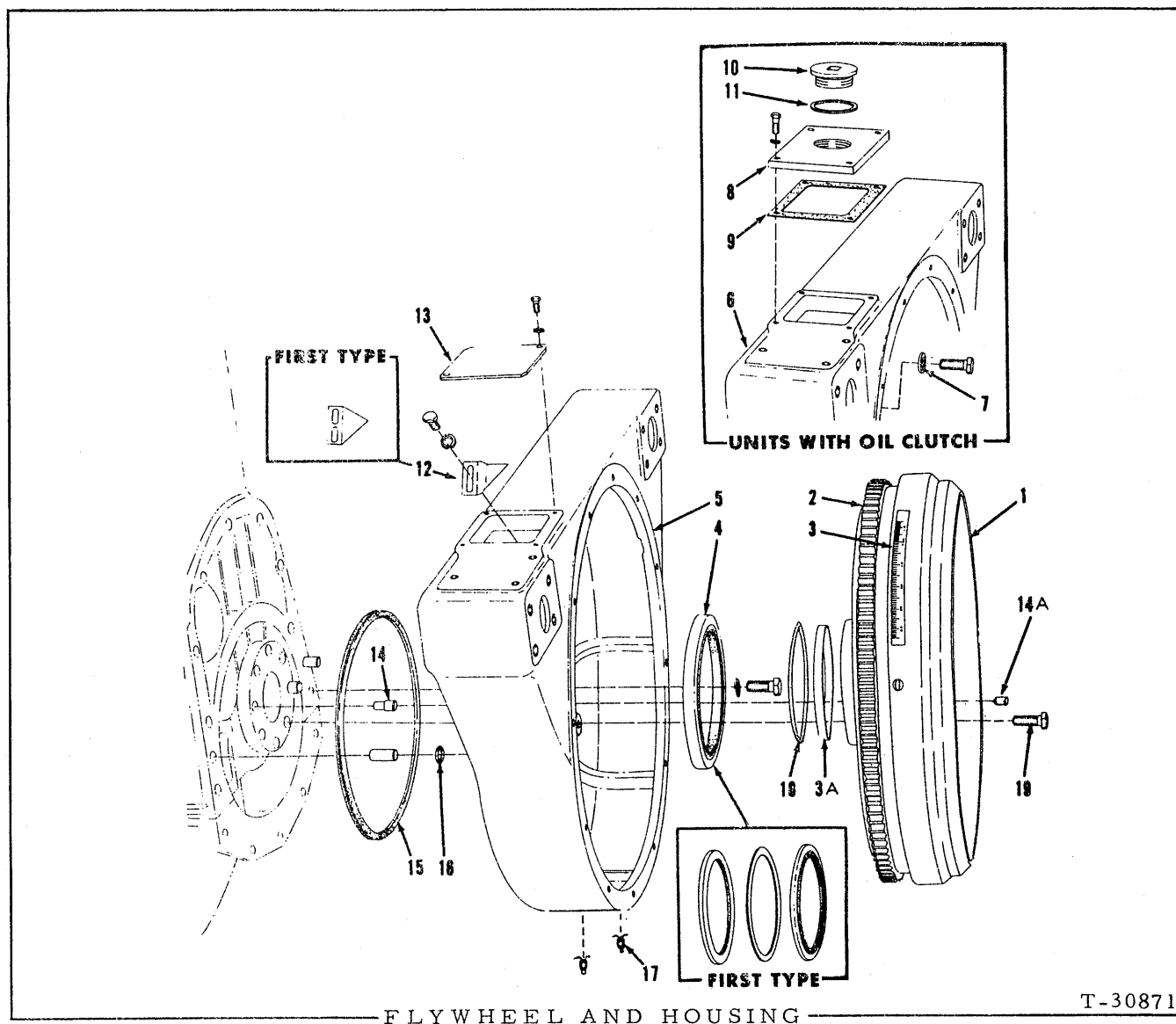
T-24198

TIMING GEAR HOUSING

* Units with dry clutch

** Units with oil clutch

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4337228	1	1	HOUSING
	917970	2	2	PLUG, pipe, hex-socket, 1/2"NPT
2	4004054	3	3	CAPSCREW, 1/2"NC x 1-1/16"
3	4253490	3	3	LOCKWASHER
3A	621457	-	3	SETSCREW, plugging (5/16"NC x 3/8")
4	4346246	2	2	PIN, dowel, timing gear housing
5	-----	1	1	SEAL, oil, crankshaft (2-1/2"I. D.)(Used prior to engine #6-15445. Order SEAL 4028922)
	4028922	1	1	SEAL, oil, crankshaft (2-7/32"I. D.)(Effective with engine #6-15445. Operates directly off the crankshaft and eliminates the need for SPACER 4374391 and SLEEVE 4374390)
6	4348107	2	2	PIN, dowel, timing gear cover
7	4337281	1	1	COVER ASSEMBLY, timing gear housing (Includes item 6)(If for engines prior to #6-14021 also order 1 CAPSCREW 921299)
	915969	3	3	CAPSCREW, 1/2"NC x 3"
	916319	1	1	CAPSCREW, 1/2"NC x 3-1/2"
	919232	2	2	CAPSCREW, 1/2"NC x 4-3/4"(1 less used effective with engine #6-14021)
	921299	1	1	CAPSCREW, hex-socket-hd., 1/2"NC x 4"(Effective with engine #6-14021)
	919287	3	3	CAPSCREW, 3/8"NC x 1-7/8"
	916274	2	2	CAPSCREW, 3/8"NC x 2-1/4"
	904208	6	6	LOCKWASHER, 1/2"
	904206	5	5	LOCKWASHER, 3/8"
8	4335371	1	1	STUD, timing gear housing
	904208	1	1	LOCKWASHER, 1/2"
	910195	1	1	NUT, 1/2"NF
9	4335711	1	-	PLATE, timing gear cover
10	4335712	1	-	□GASKET, cover plate
11	4335067	1	1	BRACKET, engine mounting (Includes cap)
	916009	10	10	WASHER, shimming(1/32" thick)
	4254891	2	2	CAPSCREW, 1/2"NC x 2-1/2"
	4335550	2	2	LOCKWASHER
12	4364864	2	2	LINER, engine mounting bracket (rubber)(Used prior to engine #6-12975)
	4336491	2	2	LINER, engine mounting bracket (nylon)(Effective with engine #6-12975)
13	4348126	1	1	□GASKET, timing gear housing cover
14	4347120	1	1	□GASKET, timing hole cover
15	4336524	1	1	COVER, fuel pump timing hole
	919225	1	1	CAPSCREW, 3/8"NC x 1-3/8"
	919287	1	1	CAPSCREW, 3/8"NC x 1-7/8"
	904206	2	2	LOCKWASHER, 3/8"
16	4348136	1	1	□GASKET, timing gear housing
17	4336346	1	-	COVER, timing gear housing
	916277	6	-	CAPSCREW, 5/16"NC x 5/8"
	917330	6	-	WASHER, plain, copper, 5/16"
18	4336345	1	-	□GASKET, housing cover



T-30871

* Units with dry clutch. Standard on HD6A, B; also HD6E tractors prior to serial No. 14484. Optional on HD6AG.
 ** Units with oil clutch. Optional on HD6A, B; standard on HD6AG, also on HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	4338557	1	-	FLYWHEEL ASSY., (Includes item 2)
	4338549	-	1	FLYWHEEL ASSY., (Includes item 2)
2	4341292	1	-	GEAR, ring
	4304907	-	1	GEAR, ring
3	4336621	1	-	STRIP, timing marks (Use on early engines only)
3A	4029556	1	1	SLEEVE KIT, wear, flywheel seal surface (Engines #6-25207 thru #6-25716; also #6-26445 and up)

(Continued)

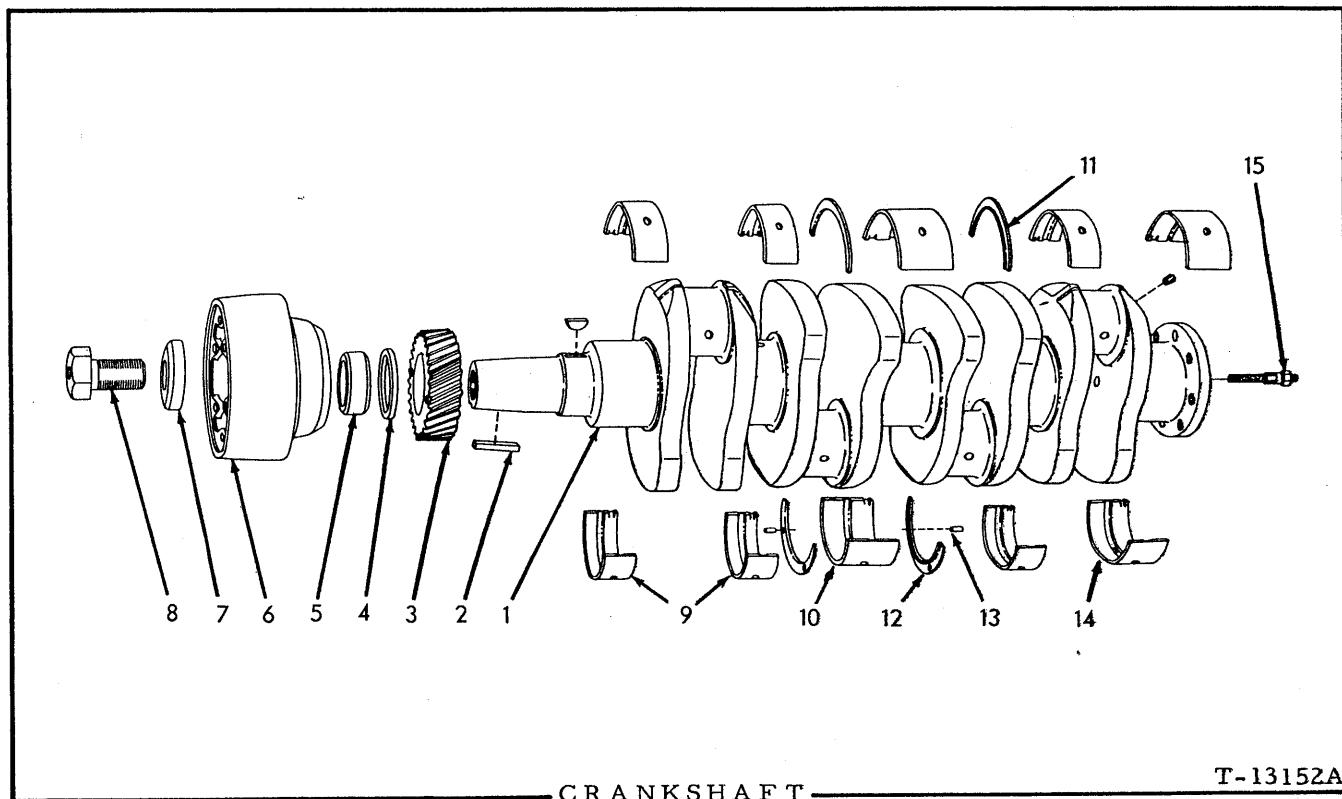
(Revised February 1974)

FLYWHEEL AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
4	4029502	1 -	SEAL KIT, oil
	4029500	- 1	SEAL KIT, oil
	4027439	- 1	SPACER, oil seal (1/64" thick)(Installed between SEALS)(Use on engines #6-25207 thru #6-25716. Order 1 SEAL KIT 4029500)
	4338771	- 1	SHIM, oil seal spacing (Used behind SEAL on engines prior to #6-25207. Not illustrated)(Order 1 SEAL KIT 4029500 and 1 WEAR SLEEVE KIT 4029556)
5	-----	1 -	HOUSING, flywheel (Used prior to engine #6-13819. Order HOUSING 4359939, COVER 4336604 and POINTER 4336609)
	4359939	1 -	HOUSING, flywheel (Effective with engine #6-13819)
	0917021	2 -	PIN, dowel, 1/2" x 1"
	0916311	9 -	CAPSCREW, 1/2" NC x 1-1/4"
6	0904208	9 -	LOCKWASHER, 1/2"
	4359956	- 1	HOUSING, flywheel
	0917021	- 2	PIN, dowel, 1/2" x 1"
	4752075	- 9	BOLT, self-locking, 1/2" NC x 1-1/4"
7	4376749	- 9	WASHER, sealing (Used prior to engine #6-25146)
8	0620840	- 1	COVER, flywheel housing timing hole
	0916282	- 4	CAPSCREW, 1/4" NC x 7/8"
	0904204	- 4	LOCKWASHER, 1/4"
9	4336676	- 1	GASKET, timing hole cover
10	0035250	- 1	PLUG, oil filler
11	0667252	- 1	GASKET, oil filler plug
12	4348410	1 -	POINTER, timing (Used prior to engine #6-13819)
	4336609	1 1	POINTER, timing (Effective with engine #6-13819)
	0916204	2 2	CAPSCREW, 1/4" NC x 1/2"
	0904204	2 2	LOCKWASHER, 1/4"
13	4348253	1 -	COVER, timing hole (3-1/2" x 4")(Used prior to engine #6-13819)
	4336604	1 -	COVER, timing hole (4" x 4-1/2")(Effective with engine #6-13819)
	0916284	2 -	CAPSCREW, 1/4" NC x 1/2"
	0204204	2 -	LOCKWASHER, 1/4"
14	4500300	2 2	DOWEL, flywheel to crankshaft
14A	4359168	- 1	SLUG KIT, dowel sealing (Consists of 2 lead slugs)
15	4336897	1 1	RING, sealing, flywheel housing to crankcase
16	0923376	- 2	O-RING, flywheel housing dowel pin hole
17	4336771	2 -	PLUG ASSY., drain (Includes cotter pin)
18	0923816	- 1	O-RING, flywheel to crankshaft (Effective with engine #6-17248)
19	4359805	6 6	BOLT, flywheel

NOTE: New flywheel bolts are self-locking and do not require the lockwasher formerly used with standard type cap-screw in this location.

(Revised February 1974)



CRANKSHAFT

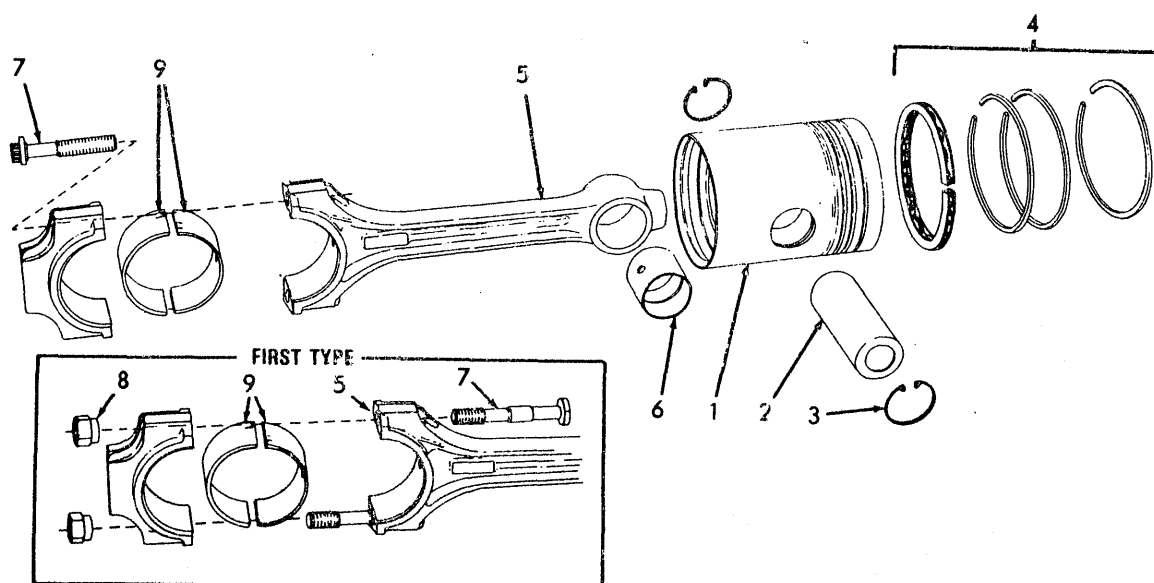
T-13152A

ITEM	PART NO.	QTY.	DESCRIPTION
1	4357331	1	CRANKSHAFT ASSY. (Includes PLUG indented below)
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (For units with oil clutch)
2	4003490	1	KEY, cranksahft pulley
3	4346205	1	GEAR, crankshaft (Used prior to engine #6-14912)
	4337060	1	GEAR, crankshaft (hardened)(Effective with engine #6-14912)
	905127	1	KEY, "B" woodruff, 5/16" x 1"
4	4374391	1	SPACER, front oil seal sleeve (Used prior to engine #6-15445)
5	4374390	1	SLEEVE, front oil seal (Used prior to engine #6-15445)
6	4349683	1	HUB, power take-off
7	4371503	1	WASHER, crankshaft pulley bolt
8	4390838	1	CAPSCREW, crankshaft pulley
9	4337710	6	BEARING, front and intermediate main (standard size)
	4337711	6	BEARING, front and intermediate main (.010" undersize)
	4337712	6	BEARING, front and intermediate main (.020" undersize)
	4337713	6	BEARING, front and intermediate main (.030" undersize)
	4337714	6	BEARING, front and intermediate main (.040" undersize)

(Continued)

CRANKSHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	4348991	2	BEARING KIT, center main (standard size)
	4348992	2	BEARING KIT, center main (.010" undersize)
	4348993	2	BEARING KIT, center main (.020" undersize)
	4348994	2	BEARING KIT, center main (.030" undersize)
	4348995	2	BEARING KIT, center main (.040" undersize)
11	4337683	2	FLANGE, thrust, center main, upper (standard size)
	4337684	2	FLANGE, thrust, center main, upper (.005" oversize)
	4337685	2	FLANGE, thrust, center main, upper (.010" oversize)
	4337686	2	FLANGE, thrust, center main, upper (.015" oversize)
12	4337687	2	FLANGE, thrust, center main, lower (standard size)
	4337688	2	FLANGE, thrust, center main, lower (.005" oversize)
	4337689	2	FLANGE, thrust, center main, lower (.010" oversize)
	4337690	2	FLANGE, thrust, center main, lower (.015" oversize)
13	4250898	4	PIN, dowel, thrust flange
14	4337698	2	BEARING, rear main (standard size)
	4337699	2	BEARING, rear main (.010" undersize)
	4337700	2	BEARING, rear main (.020" undersize)
	4337715	2	BEARING, rear main (.030" undersize)
	4337716	2	BEARING, rear main (.040" undersize)
15	084584	1	WICK ASSEMBLY, oiling (Not used with oil clutch)

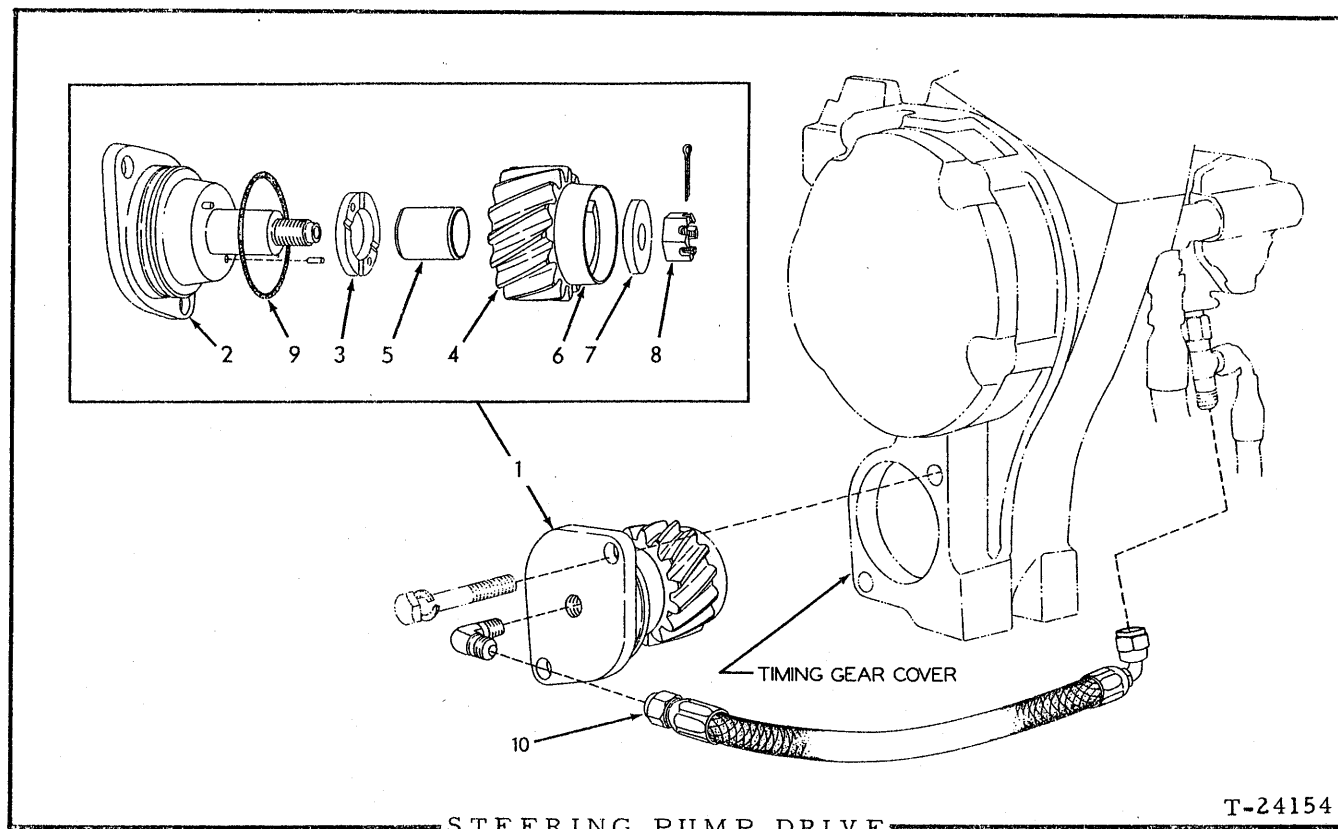


PISTON AND CONNECTING ROD

T-24197

ITEM	PART NO.	QTY.	DESCRIPTION
1	4358730	4	□ PISTON (Not for turbo-charged units)
	4358745	4	□ PISTON (For turbo-charged units only)
2	4337395	4	□ PIN, piston
3	4255465-	8	□ RETAINER, piston pin
4	4336578	4	□ RING SET (For PISTON 4358730)
	4357677	4	□ RING SET (For PISTON 4358745)
5	4354788	4	ROD ASSY., connecting (Includes items 6 thru 8)(Engines prior to #6-26644)
	4359220	4	ROD ASSY., connecting (Includes items 6 and 7)(Engines #6-26644 and up)
6	4339017	4	BUSHING, connecting rod
7	4354179	8	BOLT, connecting rod (Engines prior to #6-24154)
	4354787	8	BOLT, connecting rod (Engines #6-24154 thru #6-26643)
	4359222	8	CAPSCREW, connecting rod (Engines #6-26644 and up)
8	4354748	8	NUT, connecting rod bolt (Engines prior to #6-26644)
9	4337701	8	BEARING, connecting rod (standard size)
	4337702	8	BEARING, connecting rod (.010" undersize)
	4337703	8	BEARING, connecting rod (.020" undersize)
	4337704	8	BEARING, connecting rod (.030" undersize)
	4337705	8	BEARING, connecting rod (.040" undersize)

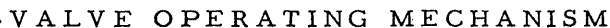
(Revised January 1974)



T-24154

USAGE: Tractors with oil clutch. Standard on Model HD6AG, also Model HD6E tractors serial No. 14484 and up; optional on prior units as well as on Models HD6A, B.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338168	1	DRIVE ASSEMBLY (Consists of items 2 thru 9; also ELBOW 919173)
	-----	2	CAPSCREW (See TIMING GEAR HOUSING section)
2	4335694	1	SHAFT ASSEMBLY (Includes PINS indented below)
	919242	2	PIN, spring, 1/8" x 3/8" (dowel)
3	4376598	1	WASHER, thrust
4	4339750	1	GEAR ASSEMBLY (Includes items 5 and 6)
5	4335654	1	BUSHING, drive gear
6	4338161	1	SLEEVE, drive gear
7	4335655	1	WASHER, gear retaining
8	919115	1	NUT, gear retaining (1/2"NF, left hand thread)
	900801	1	PIN, cotter, 3/32" x 3/4"
9	923814	1	O-RING, drive sealing
10	4335583	1	HOSE ASSEMBLY, lubricating (See HOSE PARTS)
	919173	1	ELBOW, flare type, 1/4" tube, 1/8"NPT male



ITEM	PART NO.	QTY.	DESCRIPTION
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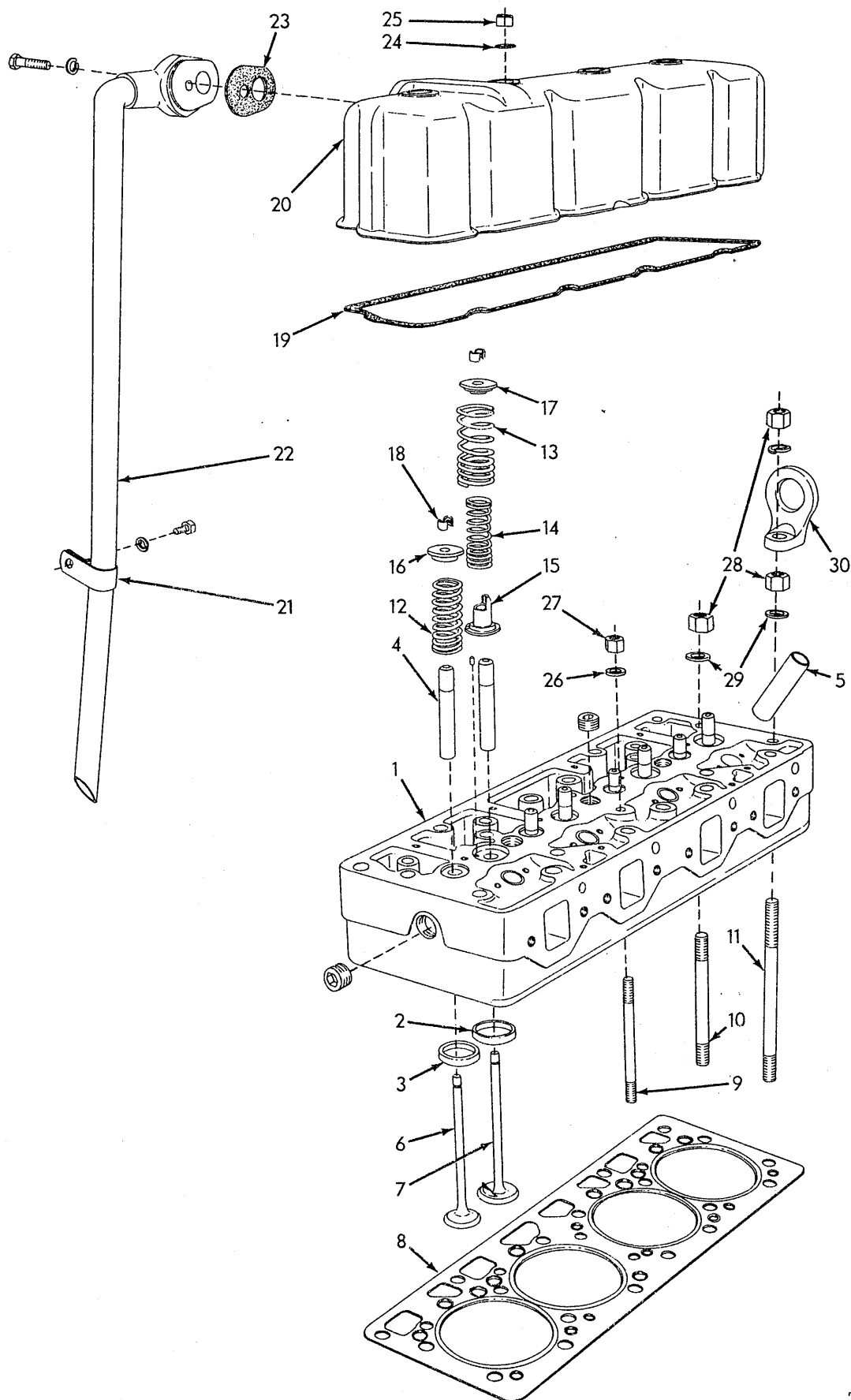
1	4337731	1	CAMSHAFT
	905126	1	KEY, #15 woodruff, 1/4" x 1"
2	4349257	1	COLLAR, camshaft thrust
	916277	3	CAPSCREW, 5/16"NC x 5/8"
3	4025391	1	PLATE, capscrew locking
4	4346206	1	GEAR, camshaft (Used prior to engine #6-14912)
	4337045	1	GEAR, camshaft (hardened)(Effective with engine #6-14912)

26

VALVE OPERATING MECHANISM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	4346307	1	RING, snap, gear retaining
6	4338299	8	LIFTER, valve
7	4348074	2	BRACKET, valve lifter
	919287	4	CAPSCREW, 3/8"NC x 1-7/8"
	904206	4	LOCKWASHER, 3/8"
8	4347832	4	DOWEL, hollow, valve lifter bracket
9	4336234	8	ROD, push
10	4506946	8	STUD, rocker shaft bracket (Used prior to engine #6-25700)
	904206	8	LOCKWASHER, 3/8"
	4348440	8	NUT, 3/8"NF
	4255723	8	BOLT, rocker shaft bracket (self-locking)(Effective with engine #6-25700)
11	4336142	4	BRACKET, rocker shaft
12	4349157	1	TUBE ASSEMBLY, rocker shaft drain (Includes nut)
	913040	1	ELBOW, inverted, flare type, 90°, 1/4" tube, 1/4"NPT male
13	4348452	1	TUBE, oil, rocker shaft
	911437	2	NUT, compression fitting, 1/4" tube
	911435	2	SLEEVE, compression fitting, 1/4" tube
	911017	1	ELBOW, compression, 1/4" tube, 1/8"NPT male
14	4348917	1	SHAFT ASSEMBLY, rocker arm (Includes 910002 PLUGS and item 15)
	910002	2	PLUG, expansion, 3/4" diam.
15	4254363	2	RING, snap, rocker shaft
16	4335381	1	ELBOW, rocker shaft oil tube (restricted)
17	4358988	4	ARM ASSEMBLY, rocker, exhaust valve (Includes items 21 and 22)
18	4338143	4	CLIP, spring, rocker arm retaining
19	4348130	1	SCREW, rocker shaft retaining (3" long, dog-pt.)
	4348129	3	STUD, rocker arm retaining clip (7/16" diam., 2-5/8" long)
	912298	4	WASHER, plain, SAE std., 7/16"
	910986	4	NUT, 7/16"NF
20	4358989	4	ARM ASSEMBLY, rocker, intake valve (Includes items 21 and 22)
21	4336646	8	SCREW, valve lash adjustment
22	4348440	8	NUT, valve lash adjustment screw
23	4364422	8	WICK, oiling, rocker ball
24	4379305	8	BALL, rocker arm
25	4385480	8	RING, snap, rocker arm ball
26	4660369	8	BUSHING, rocker arm (Engines prior to #6-24752)
27	-----	-	BEARING, camshaft (See CYLINDER BLOCK)

Engines prior to #6-25490



CYLINDER HEAD

T-24184

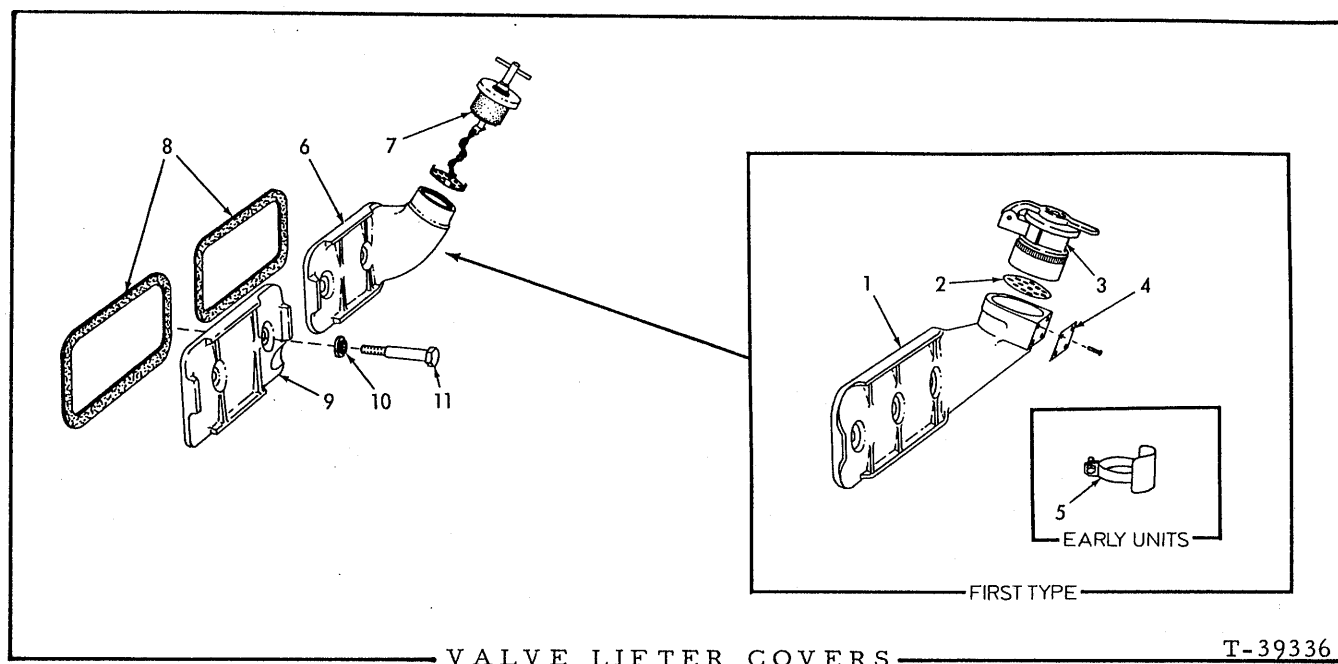
CYLINDER HEAD

ITEM	PART NO.	QTY.	DESCRIPTION
1	4339615	1	HEAD ASSEMBLY, cylinder (Includes items 2 thru 5 and hardware indented below)
	920340	5	PLUG, pipe, hex-socket, 3/4"NPT
	917560	4	PIN, dowel, 3/16" x 3/8" (intake valve locator)
2	4336418	4	INSERT, intake valve seat (Standard)
	4336601	4	INSERT, intake valve seat (.005" oversize)
	4339546	4	INSERT, intake valve seat (Standard)
	4339624	4	INSERT, intake valve seat (.005" oversize)
3	4336419	4	INSERT, exhaust valve seat (Standard)
	4336602	4	INSERT, exhaust valve seat (.005" oversize)
	4339547	4	INSERT, exhaust valve seat (Standard)
	4339625	4	INSERT, exhaust valve seat (.005" oversize)
4	4336586	8	GUIDE, valve stem
5	4336157	4	SLEEVE, injection nozzle
6	4336128	4	VALVE, exhaust
7	4336127	4	VALVE, intake
8	4349883	1	□ GASKET, cylinder head
9	4339498	5	STUD, cylinder head (1/2" x 6-1/8")
10	4339505	17	STUD, cylinder head (5/8" x 6-1/2")
11	4339510	2	STUD, cylinder head (5/8" x 8")
12	4336131	4	SPRING, exhaust valve
13	4336129	4	SPRING, intake valve, outer
14	4336130	4	SPRING, intake valve, inner
15	4336758	4	LOCATOR, intake valve
16	4343799	4	RETAINER, exhaust valve spring
17	4336153	4	RETAINER, intake valve spring
18	4376497	16	LOCK, valve spring retainer (half only)
19	4354113	1	□ GASKET, rocker cover
20	4354111	1	COVER, rocker
21	4253771	1	CLAMP, breather, tube supporting
	915408	1	CAPSCREW, 3/8"NC x 3/4"
	904206	1	LOCKWASHER, 3/8"

(Continued)

CYLINDER HEAD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	4337747	1	TUBE, breather
	916273	1	CAPSCREW, 3/8"NC x 1-3/4"
	904206	1	LOCKWASHER, 3/8"
23	4348133	1	□GASKET, breather tube
24	4376749	4	WASHER, sealing, rocker cover nut
25	4375937	4	NUT, rocker cover
26	4372864	5	WASHER, cylinder head nut (for 1/2" stud)
27	4388205	5	NUT, cylinder head stud (1/2"NF)
28	4388202	21	NUT, cylinder head stud (5/8"NF)
29	4354490	19	WASHER, cylinder head nut (for 5/8" stud)
30	4348243	2	EYE, engine lifting
	904209	2	LOCKWASHER, 5/8"

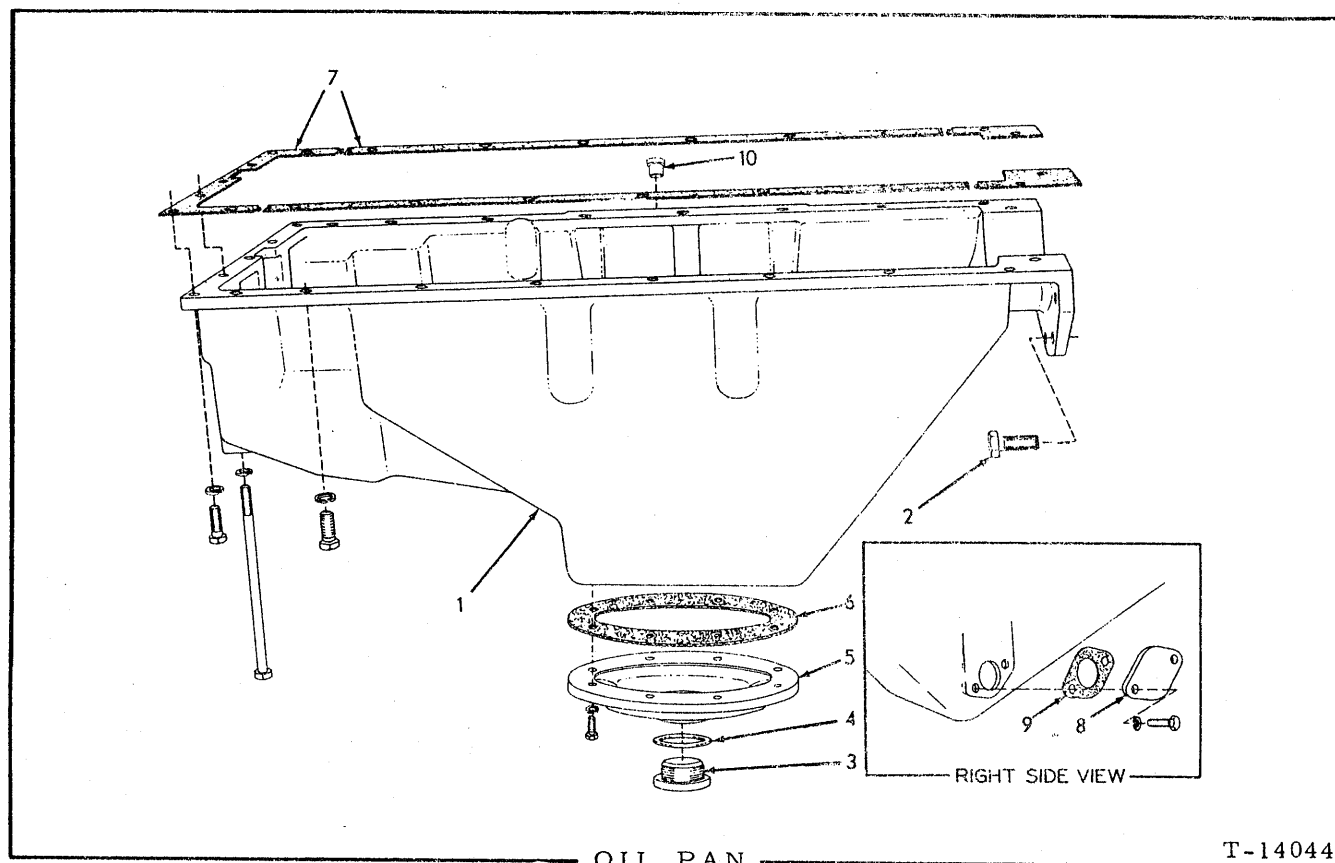


* Engines prior to serial No. 6-20702

** Engines serial No. 6-20702 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	-	COVER, rear (Order items 6 and 7)
2	4335022	1	-	STRAINER, oil filler
3	4366461	1	-	CAP ASSEMBLY, oil filler (Serviced only as a unit)
4	4379141	1	-	PLATE, oil data
	904516	4	-	SCREW, drive, #6 x 1/4"
5	4379291	1	-	PLATE AND STRAP ASSEMBLY, oil date (Used prior to engine #6-14046)
6	4338675	-	1	COVER, rear
7	4354449	-	1	CLOSURE ASSEMBLY, oil filler (Serviced only as a unit)
8	4337769	2	2	GASKET, valve lifter cover
9	4348912	1	1	COVER, front
10	4335456	4	4	WASHER, sealing, cover attaching bolt
11	4335455	4	4	BOLT, cover attaching

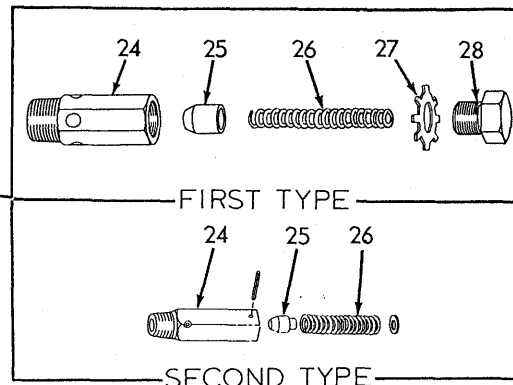
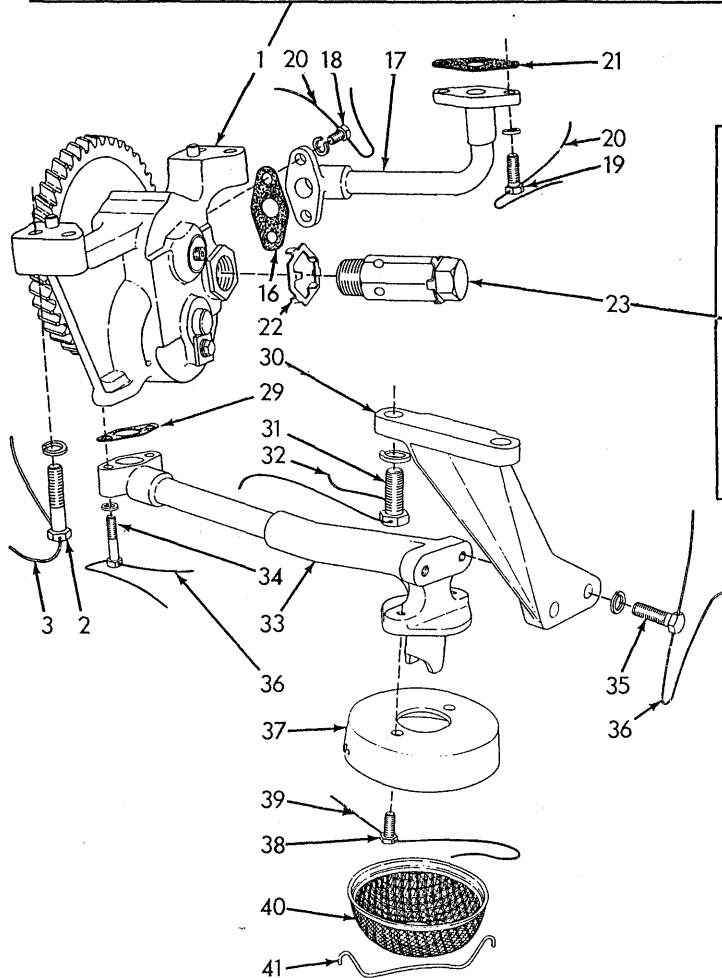
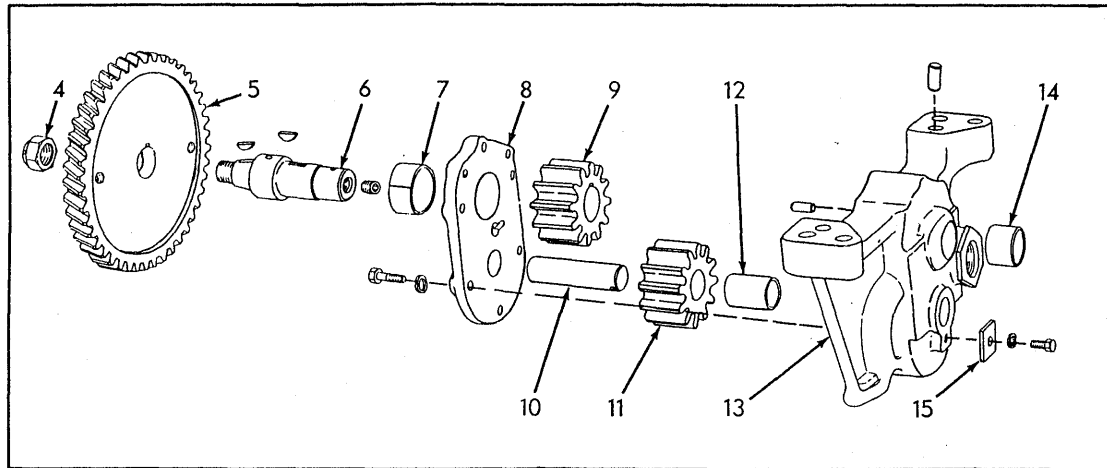
MEMO



ITEM PART NO. QTY. DESCRIPTION

1	4338738	1	PAN ASSEMBLY (Includes items 8 thru 10)
2	4255916	5	CAPSCREW, nylon strip, 3/8"NC x 1"
	919224	18	CAPSCREW, 3/8"NC x 1-1/8"
	914392	2	CAPSCREW, 5/16"NC x 1"
	919292	3	CAPSCREW, 5/16"NC x 6-3/4"
	904206	18	LOCKWASHER, 3/8"
	904205	5	LOCKWASHER, 5/16"
3	035250	1	PLUG, oil drain
4	667252	1	OGASKET, oil drain plug
5	4374221	1	COVER, clean-out
	919224	8	CAPSCREW, 3/8"NC x 1-1/8"
	904206	8	LOCKWASHER, 3/8"
6	4371289	1	OGASKET, clean-out cover
7	4348142	1	GASKET SET, oil pan (5 pieces)
8	4337741	1	COVER, side
	915408	2	CAPSCREW, 3/8"NC x 3/4"
	904206	2	LOCKWASHER, 3/8"
9	621516	1	GASKET, side cover
10	4362338	1	PLUG, dipstick hole

Not original equipment.
Furnished with service
replacement oil pans only



OIL PUMP

T-14042

OIL PUMP

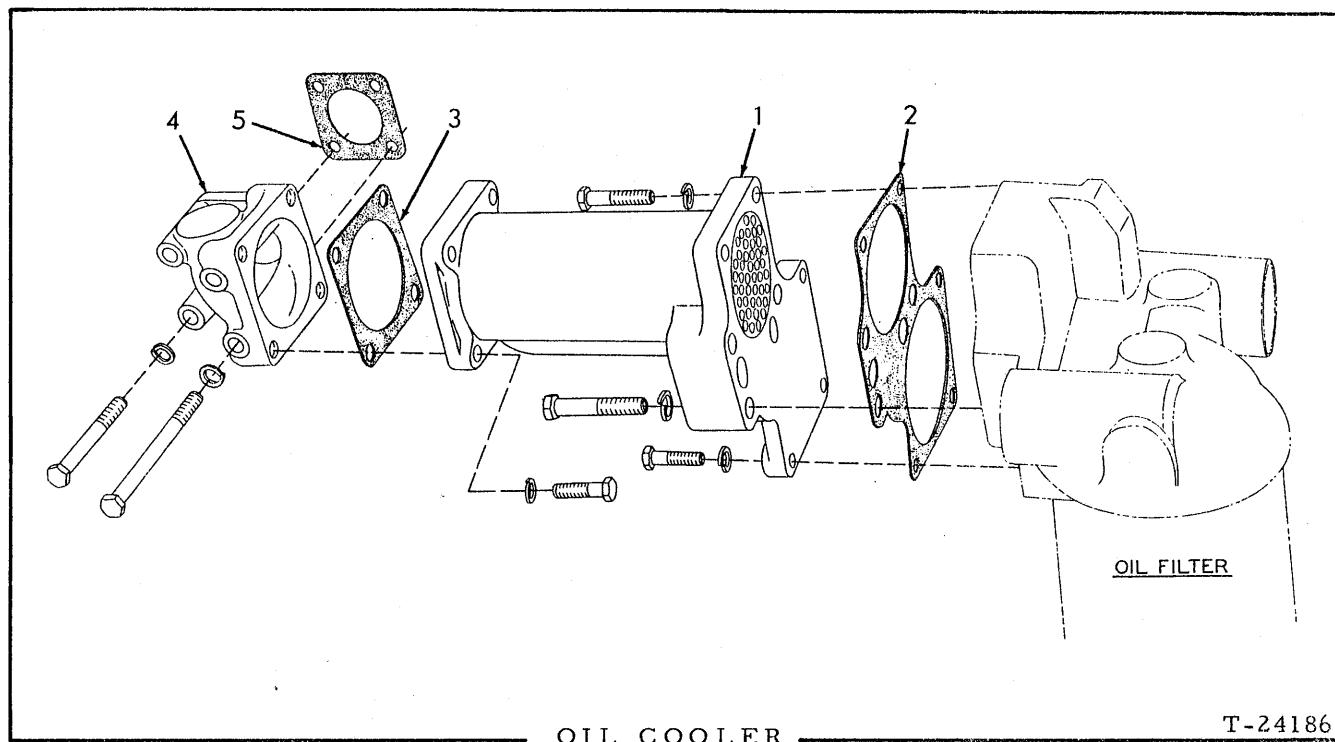
ITEM	PART NO.	QTY.	DESCRIPTION
1	4348886	1	PUMP ASSEMBLY, oil (Consists of items 4 thru 15)(Used prior to engine #6-14912)
	4359056	1	PUMP ASSEMBLY, oil (Consists of items 4 thru 15)(Effective with engine #6-14912)
2	4348692	4	CAPSCREW, drilled-hd., 3/8"NC x 1-3/4"
	904206	4	LOCKWASHER, 3/8"
3	4509035	2	WIRE, locking, #18 x 10"
4	4254977	1	NUT, gear retaining
5	4348352	1	GEAR, driving (Used prior to engine #6-14912)
	4337047	1	GEAR, driving (hardened)(Effective with engine #6-14912)
6	4348894	1	SHAFT, upper
	910224	2	KEY, #6 woodruff, 5/32" x 5/8"
	917673	1	PLUG, pipe, hex-socket, 1/8"NPT
7	4347659	1	BUSHING, pump cover
8	4348044	1	COVER ASSEMBLY (Includes item 7)
	916282	6	CAPSCREW, 1/4"NC x 7/8"
	904204	6	LOCKWASHER, 1/4"
9	4348883	1	GEAR, upper
10	4348038	1	SHAFT, lower
11	4348891	1	GEAR ASSEMBLY, lower (Includes item 12)
12	4348083	1	BUSHING, lower gear
13	4348885	1	HOUSING ASSEMBLY (Includes item 14 and dowel PINS indented below)
	917554	1	PIN, dowel, 1/4" x 1/2"
	917546	2	PIN, dowel, 3/8" x 5/8"
14	4348303	1	BUSHING, pump housing
15	4348020	1	RETAINER, lower shaft
	916284	1	CAPSCREW, 1/4"NC x 1/2"
	904204	1	LOCKWASHER, 1/4"
16	4348215	1	OGASKET, discharge pipe to pump
17	4348834	1	PIPE, discharge
18	4320227	2	CAPSCREW, drilled-hd., 5/16"NC x 7/8"
	904205	2	LOCKWASHER, 5/16"
19	4346483	2	CAPSCREW, drilled-hd., 3/8"NC x 1-1/4"
	904206	2	LOCKWASHER, 3/8"
20	4509035	2	WIRE, locking, #18 x 10"
21	4346169	1	OGASKET, discharge pipe to crankcase
22	4347938	1	LOCK, pressure relief valve body
23	4354573	1	VALVE ASSEMBLY, pressure relief (Items 24 thru 26)
24	-----	1	BODY, pressure relief valve
25	-----	1	PISTON, pressure relief valve

} Not serviced separately

(Continued)

OIL PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	-----	1	SPRING, pressure relief valve (Used prior to engine #6-23739. Order item 23)
	4354568	1	SPRING, pressure relief valve (Effective with engine #6-23739)
	4359310	1	WASHER, plain
	916001	1	PIN, spring, 3/16" x 1"
27	-----	1	WASHER, locking, relief valve cap
28	-----	1	CAP, relief valve
			} Used prior to engine #6-23739. Order item 23
29	4348218	1	OGASKET, suction pipe to pressure pump
30	4348686	1	BRACKET, suction pipe supporting
31	4311869	2	CAPSCREW, drilled-hd., 1/2"NC x 1-1/4"
	904208	2	LOCKWASHER, 1/2"
32	4348689	1	WIRE, locking, #18 x 13"
33	4348842	1	PIPE, suction
34	4349375	2	CAPSCREW, drilled-hd., 5/16"NC x 1-5/8"
	904205	2	LOCKWASHER, 5/16"
35	4346483	2	CAPSCREW, drilled-hd., 3/8"NC x 1-1/4"
	904206	2	LOCKWASHER, 3/8"
36	4509035	2	WIRE, locking, #18 x 10"
37	4348684	1	COVER, oil screen
38	4374129	2	CAPSCREW, drilled-hd., 5/16"NC x 3/4"
39	4509035	1	WIRE, locking, #18 x 10"
40	4348683	1	SCREEN, oil
41	4348682	1	RETAINER, oil screen



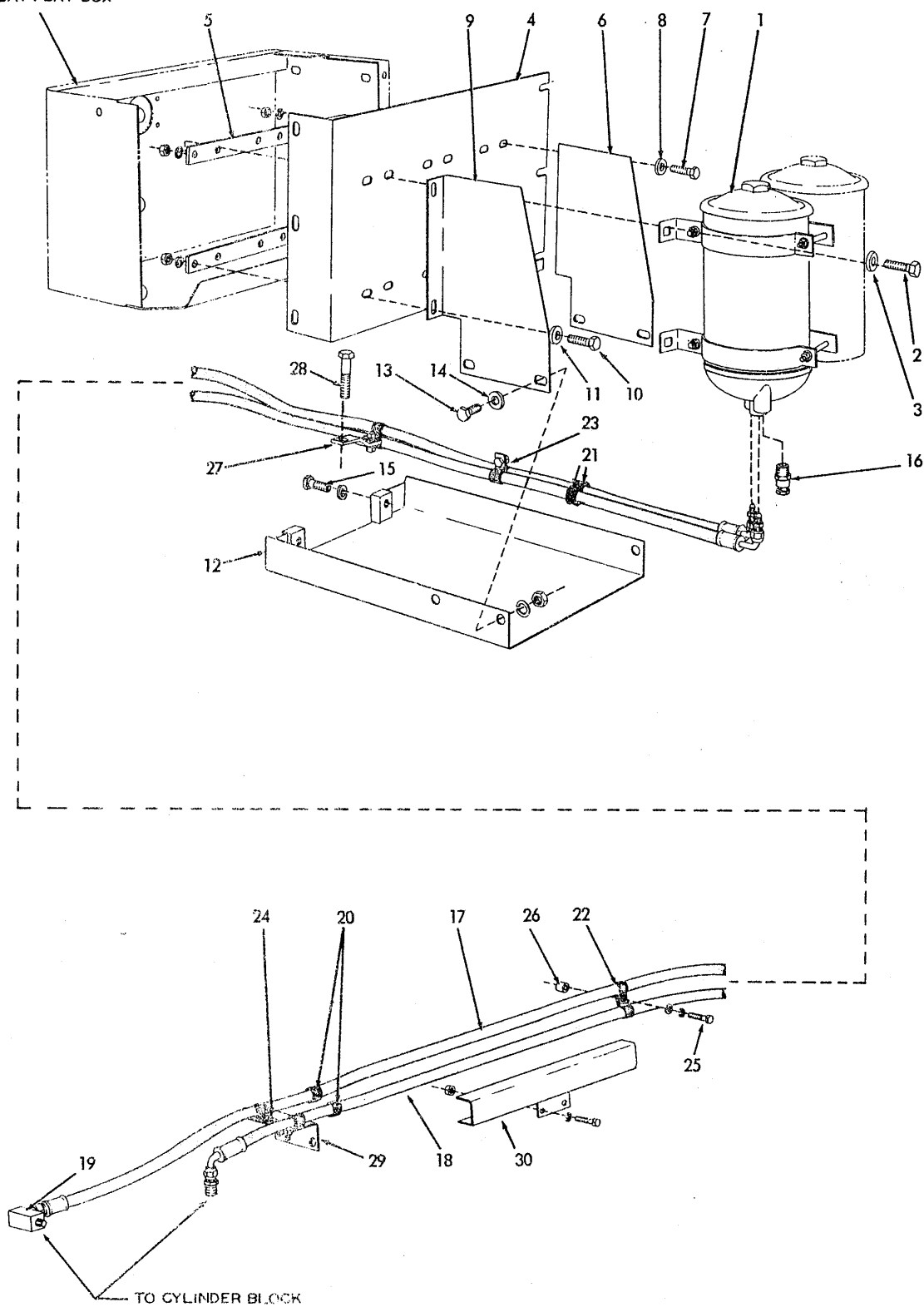
ITEM PART NO. QTY. DESCRIPTION

1	4349949	1	COOLER, oil
	919225	9	CAPSCREW, 3/8"NC x 1-3/8"
	919048	1	CAPSCREW, 1/2"NC x 1-5/8"
	916316	2	CAPSCREW, 1/2"NC x 2-1/2"
	904206	9	LOCKWASHER, 3/8"
	904208	3	LOCKWASHER, 1/2"
2	4349954	1	OGASKET, cooler to filter
3	4349984	1	OGASKET, water connection to cooler
4	4348099	1	CONNECTION, water outlet
	919227	2	CAPSCREW, 3/8"NC x 3-1/4"
	918778	2	CAPSCREW, 3/8"NC x 4-3/4"
	904206	4	LOCKWASHER, 3/8"
5	4348184	1	OGASKET, water connection to block

OIL FILTER

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349969	1	HEAD ASSEMBLY (Includes items 3 thru 9)
	920416	2	PLUG, pipe, hex-hd., 1/2"NPT
	904223	1	PLUG, pipe, ctsk-hd., 1/2"NPT
	910948	2	CAPSCREW, 3/8"NC x 2"
	904206	2	LOCKWASHER, 3/8"
	916314	2	CAPSCREW, 1/2"NC x 2"
	904208	2	LOCKWASHER, 1/2"
	912415	1	COCK, drain, T-handle, 1/4"NPT
2	4348314	1	STUD, filter head to block (1-7/8" long)
	4336799	1	STUD, filter head to block (2-3/8" long)
	904208	2	LOCKWASHER, 1/2"
	910195	2	NUT, 1/2"NF
3	4379263	1	GUIDE, cartridge
4	4373614	1	SEAT, by-pass valve
5	4373612	1	SLEEVE, by-pass valve piston
6	4373613	1	PISTON, by-pass valve
7	4335666	1	SPRING, by-pass valve
8	4253751	1	GASKET, by-pass valve cap
9	4349957	1	CAP, by-pass valve
10	4349962	1	CAPSCREW, body retaining
11	4376749	1	WASHER, sealing, body retaining capscREW
12	4348185	1	□GASKET, filter head to block, upper
13	4349956	1	□GASKET, filter head to block, lower
14	4349977	1	BODY, oil filter
	918951	1	PLUG, pipe, hex-hd., 3/8"NPT
15	4372325	1	GASKET, body to head
16	4349986	1	CARTRIDGE ASSEMBLY (Includes item 15)
17	4379269	1	RING, snap, adaptor and spring retaining
18	4055971	1	ADAPTOR, cartridge centering, lower
19	4053409	1	SEAL, cartridge adaptor
20	4053410	1	WASHER, cartridge adaptor seal
21	4379268	1	SPRING, cartridge retaining
22	4336794	1	HOSE, water pump to filter head
23	925758	2	CLAMP, hose, 2" to 3" diam.

NOTE: See PAINTING AND MARKING for transfer



T-24189

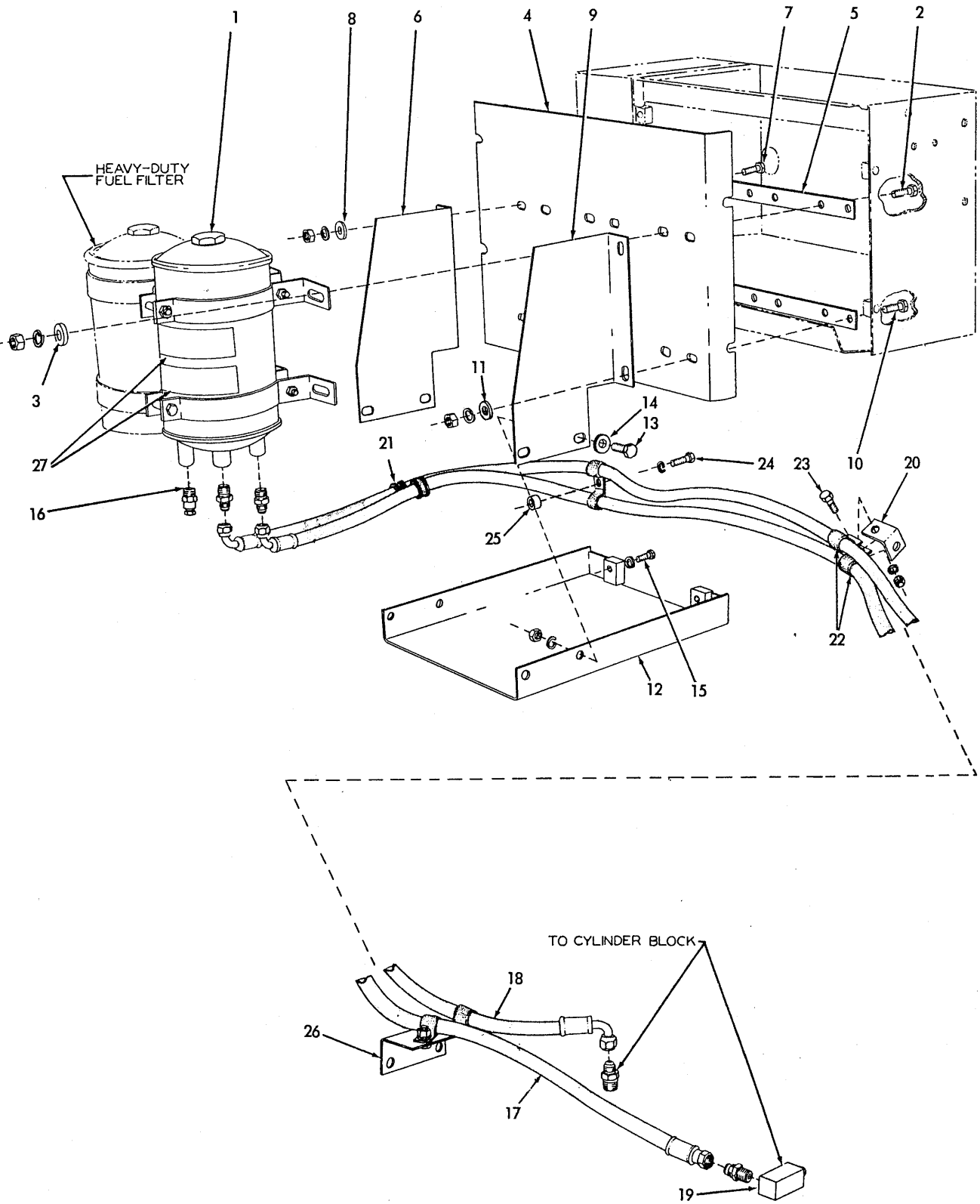
HEAVY-DUTY OIL FILTER

USAGE: Special equipment for Models HD6A, B; also Model HD6E tractors prior to serial No. 14484. Supplements standard oil filter.

ITEM	PART NO.	QTY.	DESCRIPTION
1	098363	1	FILTER ASSY. ("Walker". See page 44 for parts)(Used prior to August 1965)
	647683	1	FILTER ASSY. ("Briggs". See page 45 for parts)(Effective August 1965)
2	915987	4	CAPSCREW, 1/2"NC x 1-1/2"
3	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
4	099829	1	COVER, left battery box (Replaces std. COVER 085823)
5	099830	2	PLATE, reinforcing
6	099832	1	BRACKET, channel supporting, rear
7	915987	2	CAPSCREW, 1/2"NC x 1-1/2"
8	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
9	099831	1	BRACKET, channel supporting, front
10	915987	2	CAPSCREW, 1/2"NC x 1-1/2"
11	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
12	099824	1	CHANNEL, hose protecting
13	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
14	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
15	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	904208	2	LOCKWASHER, 1/2"
16	633519	1	COCK, drain, 3/8"NPT
17	646322	1	HOSE, oil supply (See HOSE PARTS)
	919062	1	CONNECTOR, flare type, 3/8" tube, 1/4"NPT male
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
18	646321	1	HOSE, oil return (See HOSE PARTS)
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
	665143	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male, restricted
19	094437	1	ELBOW, oil supply line
20	080617	2	GROMMET, hose protecting, front
21	644876	2	GROMMET, hose protecting, rear
22	621304	8	CLIP, hose supporting
23	916382	1	CAPSCREW, 3/8"NF x 7/8"
24	916271	3	CAPSCREW, 3/8"NC x 1"
25	916273	1	CAPSCREW, 3/8"NC x 1-3/4"
	904206	5	LOCKWASHER, 3/8"
	911026	3	NUT, 3/8"NC
	911115	5	WASHER, plain, SAE std., 3/8"
26	085452	1	BLOCK, clip spacing
27	094438	1	BRACKET, hose supporting
28	915971	1	CAPSCREW, 5/8"NC x 2-3/4"
29	095985	1	ANGLE, hose supporting, front
30	621673	1	GUARD, hose
	919224	2	CAPSCREW, 3/8"NC x 1-1/8"
	904206	2	LOCKWASHER, 3/8"
	911026	2	NUT, 3/8"NC

NOTE: See PAINTING AND MARKING for transfers

RIGHT BATTERY BOX



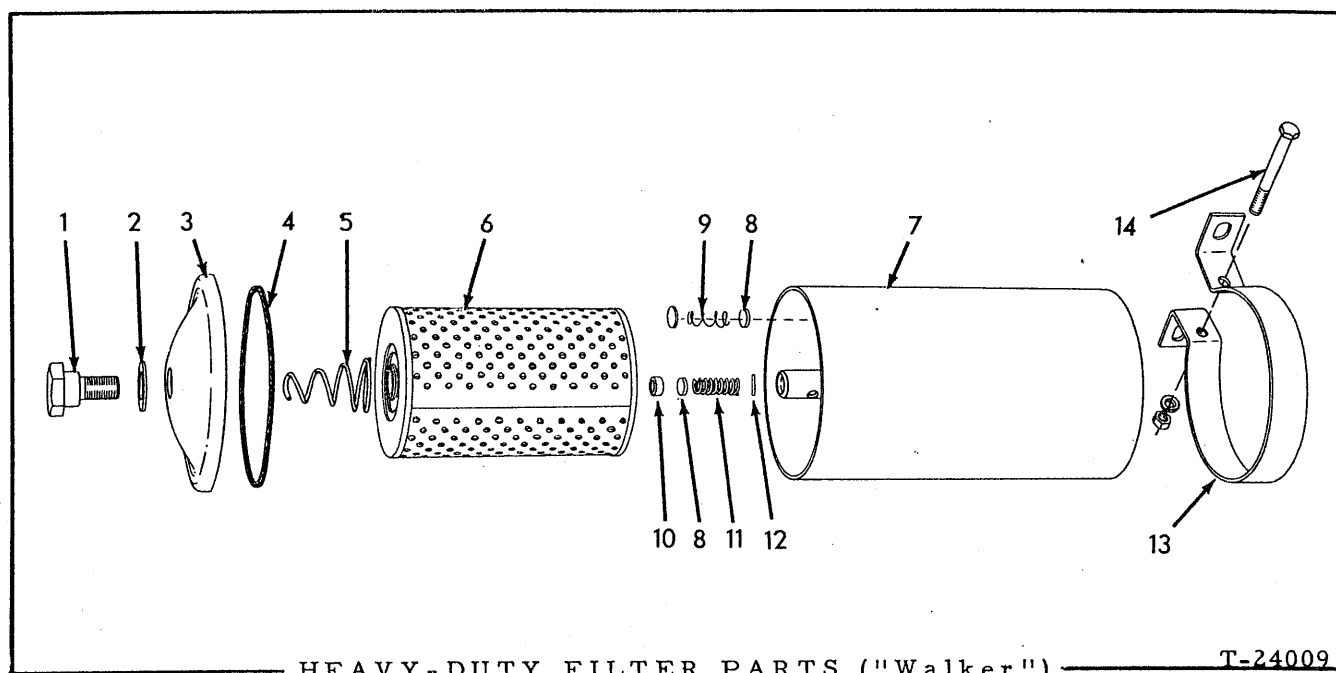
HEAVY-DUTY OIL FILTER (Model HD6E)

T-32158

HEAVY-DUTY OIL FILTER

USAGE: Special equipment for Model HD6E tractors serial No. 14484 and up. Supplements standard oil filter.

ITEM	PART NO.	QTY.	DESCRIPTION
1	098363	1	FILTER ASSY. ("Walker". See page 44 for parts)(Used prior to August 1965)
	654674	1	FILTER ASSY. ("Briggs". See page 45 for parts)(Effective August 1965)
2	915987	4	CAPSCREW, 1/2"NC x 1-1/2"
3	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
4	629154	1	COVER, right battery box (Replaces std. COVER 627338)
5	099830	2	PLATE, reinforcing
6	099831	1	BRACKET, channel supporting, rear
7	915987	2	CAPSCREW, 1/2"NC x 1-1/2"
8	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
9	099832	1	BRACKET, channel supporting, front
10	915987	2	CAPSCREW, 1/2"NC x 1-1/2"
11	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
12	099824	1	CHANNEL, hose protecting
13	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
14	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
15	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	904208	2	LOCKWASHER, 1/2"
16	633519	1	COCK, drain, 3/8"NPT
17	645088	1	HOSE, oil supply (See HOSE PARTS)
	919062	1	CONNECTOR, flare type, 3/8" tube, 1/4"NPT male
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
18	629158	1	HOSE ASSY., oil return (See HOSE PARTS)
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
	665143	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male, restricted
19	094437	1	ELBOW, oil supply line
20	630171	1	ANGLE, hose supporting
21	644876	2	GROMMET, hose protecting, rear
22	621304	6	CLIP, hose supporting
23	916269	3	CAPSCREW, 3/8"NC x 7/8"
24	916384	1	CAPSCREW, 3/8"NF x 1-3/8"
	911115	5	WASHER, plain, SAE std., 3/8"
	904206	4	LOCKWASHER, 3/8"
	911026	3	NUT, 3/8"NC
25	087082	1	SPACER, clip
26	095985	1	ANGLE, hose supporting
27	-----	-	TRANSFER (See PAINTING AND MARKING)

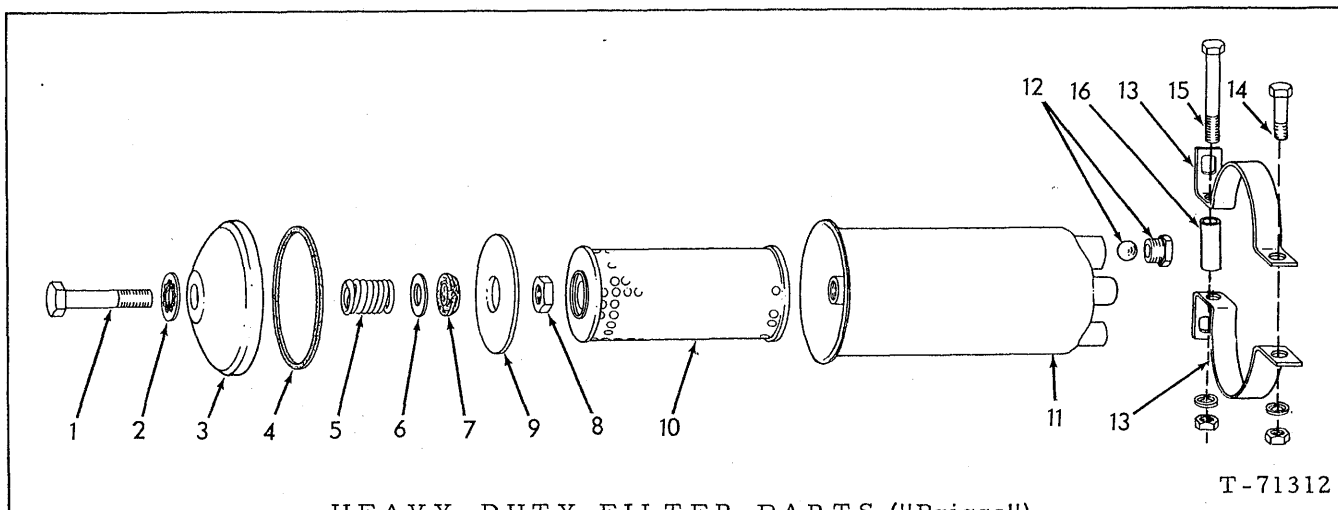


HEAVY-DUTY FILTER PARTS ("Walker")

T-24009

* 098363 FILTER ASSEMBLY, oil (See pages 41 and 43)
 ** 098364 FILTER ASSEMBLY, fuel (See pages 46 and 47)

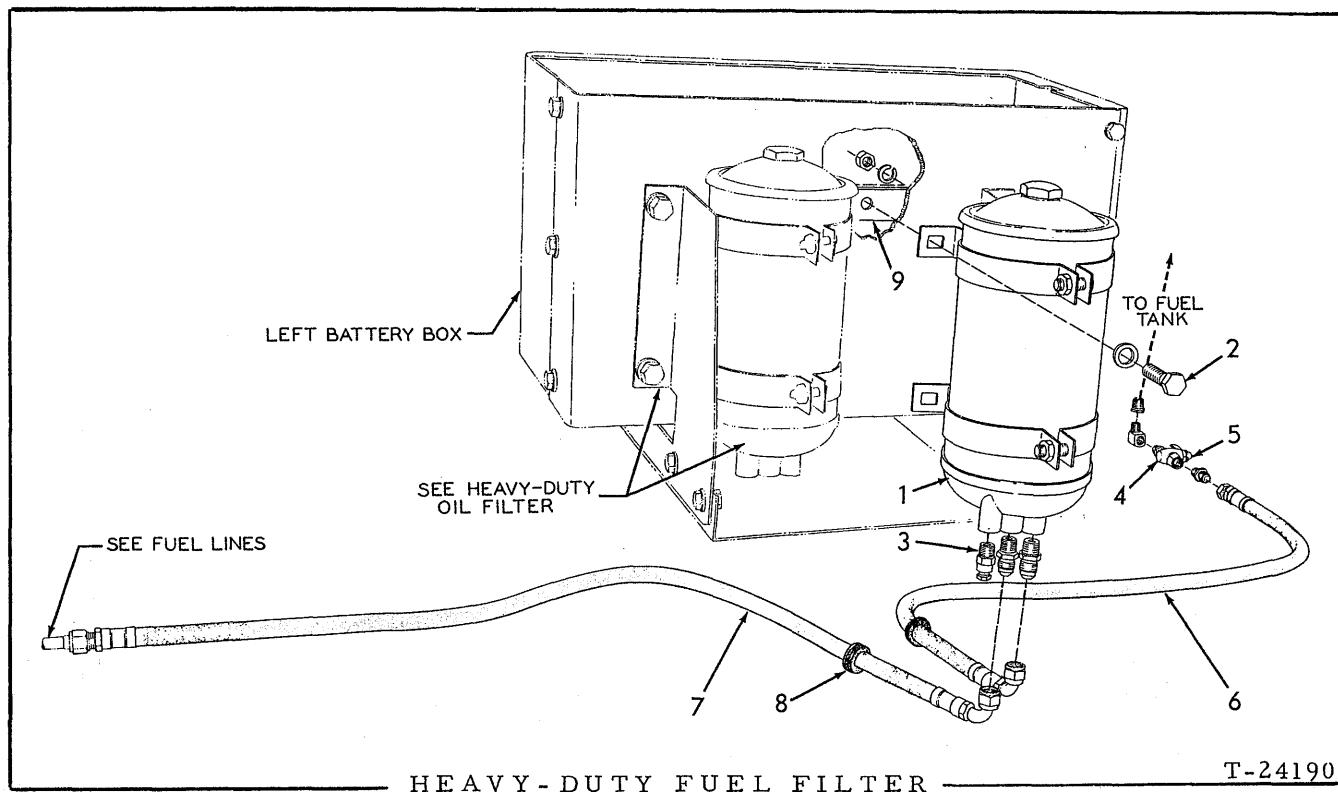
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	098433	1	1	BOLT, cover
2	098435	1	1	GASKET, cover bolt
3	098436	1	1	COVER
4	098437	1	1	GASKET, cover
5	098438	1	1	SPRING, element hold-down
6	098441	1	1	ELEMENT KIT (Includes item 4)
7	098440	1	-	SHELL ASSEMBLY (Includes items 8 thru 12)
	910002	1	-	PLUG, expansion, 3/4" diam.
	098439	-	1	SHELL
8	098444	2	-	VALVE, check, inlet and outlet
9	098446	1	-	SPRING, inlet check valve
10	099746	1	-	SLEEVE, outlet check valve
11	098443	1	-	SPRING, outlet check valve
12	098445	1	-	PIN, retaining, outlet valve spring
13	098434	2	2	BRACKET, mounting
14	042265	2	2	CAPSCREW, 3/8"NF x 3-1/4"
	904206	2	2	LOCKWASHER, 3/8"
	911041	2	2	NUT, 3/8"NF



HEAVY-DUTY FILTER PARTS ("Briggs")

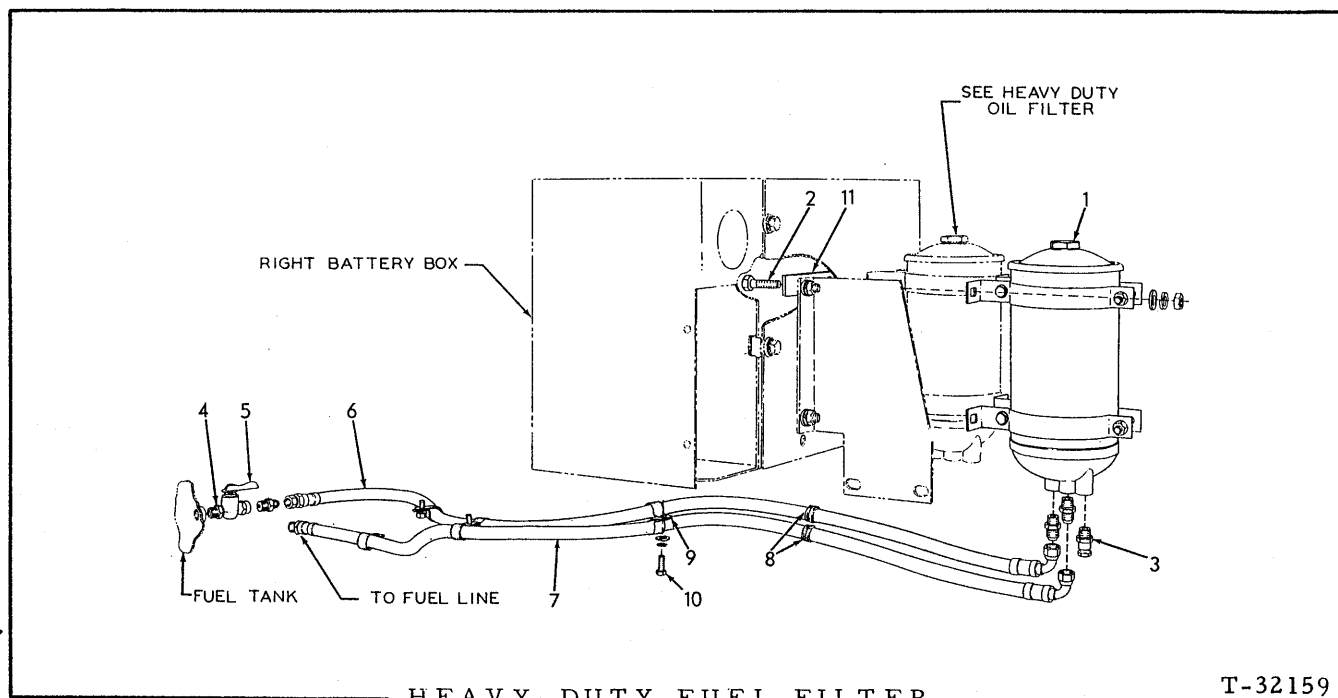
* 654674 FILTER ASSEMBLY, oil (See pages 41 and 43)
 ** 654673 FILTER ASSEMBLY, fuel (See pages 46 and 47)

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	647680	1	-	VALVE ASSY., by-pass (Includes ball, spring and retainer) (Serviced only as a unit)
	647432	-	1	CAPSCREW, cover retaining
2	656431	1	1	WASHER, sealing, cover retaining capscrew
3	647446	1	1	COVER, tank
4	647448	1	1	GASKET, tank cover
5	647439	1	1	SPRING, element retaining
6	647449	1	1	WASHER, element retaining spring (steel)
7	647450	1	1	WASHER, sealing, cover retaining capscrew (cork)
8	647455	1	1	NUT
9	647453	1	1	PLATE, element retaining
10	667422	1	1	ELEMENT KIT (Includes items 2 and 4)
11	654720	1	-	TANK
	654719	-	1	TANK
12	654721	1	-	BUSHING, oil inlet
	905366	1	-	BALL, steel, 11/16" diam. (check valve)
13	647554	4	4	STRAP, mounting
14	013059	2	2	CAPSCREW, 3/8"NC x 2"
15	041915	2	2	CAPSCREW, 3/8"NC x 3-1/2"
	904206	4	4	LOCKWASHER, 3/8"
	911026	4	4	NUT, 3/8"NC
16	647519	2	2	PIPE, spacing, mounting strap (2-11/16" long)(Early units)
	654717	2	2	PIPE, spacing, mounting strap (2-7/16" long)(Late units)



USAGE: Special equipment for Model HD6A,B; also Model HD6E tractors prior to serial No. 14484. Supplements standard fuel filter.

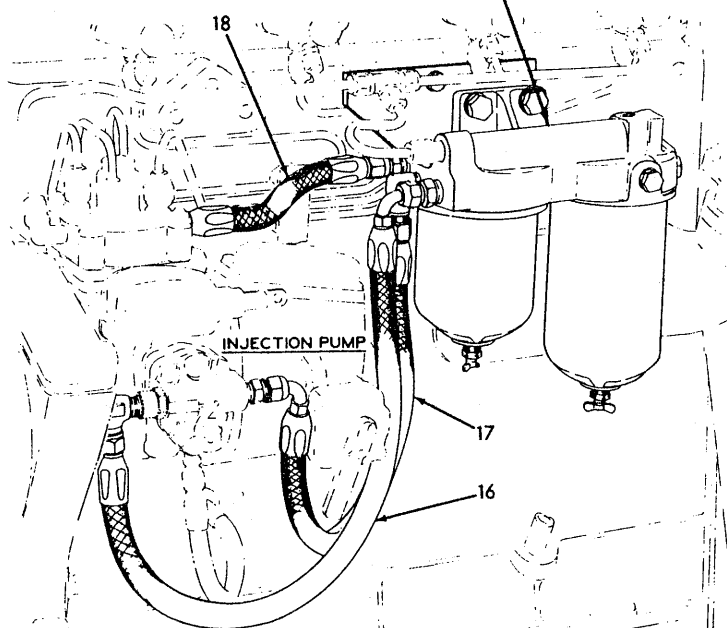
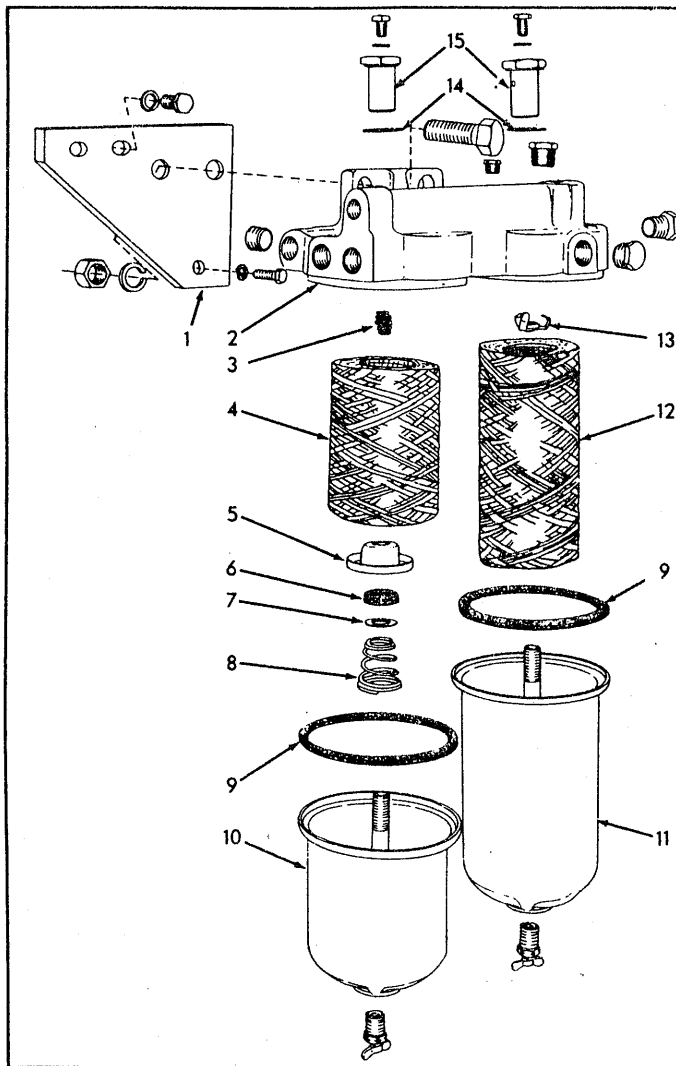
ITEM	PART NO.	QTY.	DESCRIPTION
1	098364	1	FILTER ASSEMBLY ("Walker". See page 44 for parts)(Used prior to August 1965. Order FILTER ASSY. 654673)
	654673	1	FILTER ASSEMBLY ("Briggs". See page 45 for parts)(Effective August 1965)
2	915987	4	CAPSCREW, 1/2"NC x 1-1/2"
	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
3	633519	1	COCK, drain, 3/8"NPT
4	092727	1	COCK, fuel shut-off (Includes item 5)
	915389	1	ELBOW, street, 90°, brass, 3/8"NPT
	904271	1	BUSHING, pipe reducing, 1/2"NPT to 3/8"NPT
5	082189	1	HANDLE, fuel shut-off valve
6	639414	1	HOSE, tank to filter (See HOSE PARTS)
	919063	2	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
7	646320	1	HOSE, filter to fuel line (See HOSE PARTS)
	919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
8	644876	2	GROMMET, hose protecting
9	099830	2	PLATE, reinforcing



USAGE: Special equipment for Model HD6E tractors serial No. 14484 and up.
Supplements standard fuel filter.

ITEM PART NO. QTY. DESCRIPTION

1	098364	1	FILTER ASSEMBLY ("Walker". See page 44 for parts)(Used prior to August 1965. Order FILTER ASSEMBLY 654673)
	654673	1	FILTER ASSEMBLY ("Briggs". See page 45 for parts)(Effective August 1965)
2	915987	4	CAPSCREW, 1/2"NC x 1-1/2"
	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
3	633519	1	COCK, drain, 3/8"NPT
4	092727	1	COCK, fuel shut-off (Includes item 5)
5	082189	1	HANDLE, fuel shut-off valve
6	646917	1	HOSE, tank to filter (See HOSE PARTS)
	919063	2	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
7	646916	1	HOSE, filter to fuel line (See HOSE PARTS)
	919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
8	644876	2	GROMMET, hose protecting
9	644713	6	CLIP, hose supporting
10	916382	3	CAPSCREW, 3/8"NF x 7/8"
	904206	3	LOCKWASHER, 3/8"
	911115	3	WASHER, plain, SAE std., 3/8"
11	099830	2	PLATE, reinforcing



FUEL FILTERS

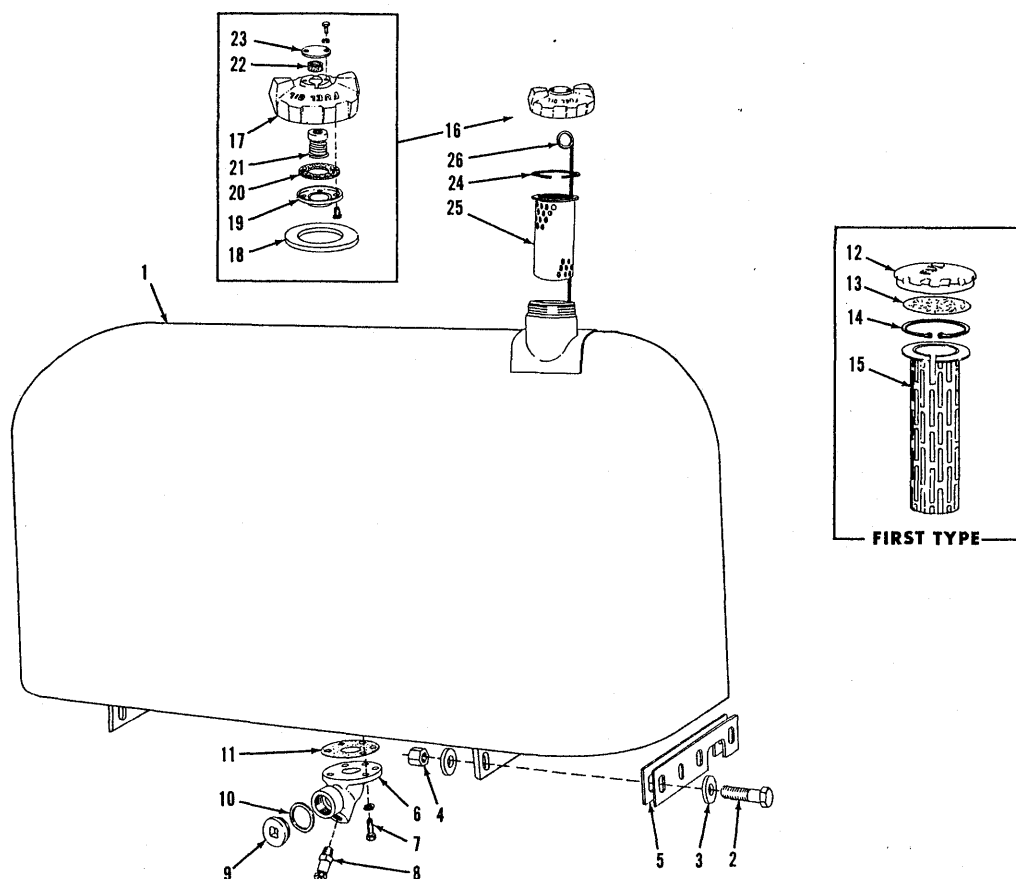
T-19684

FUEL FILTERS

USAGE: Standard equipment. See page 46 and 47 for supplementary Heavy-Duty Fuel Filter

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337717	1	BRACKET, filter mounting
	915813	1	CAPSCREW, 5/16"NC x 7/8"
	904205	1	LOCKWASHER, 5/16"
	916269	2	CAPSCREW, 3/8"NC x 7/8"
	904206	2	LOCKWASHER, 3/8"
2	4389051	1	HEAD ASSEMBLY (Includes PLUGS indented below)(If for engines prior to #6-21728 also order 2 BUSHINGS 901826 and 2 NUTS 4389113)
	919134	2	PLUG, pipe, hex-hd., 1/8"NPT
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (Used prior to engine #6-21728)
	920333	3	PLUG, pipe, hex-hd., 3/8"NPT (1 less used prior to engine #6-21728)
	918887	1	PLUG, pipe, hex-socket, 3/8"NPT
	919230	2	CAPSCREW, 1/2"NC x 1-3/8"
	904208	2	LOCKWASHER, 1/2"
	910325	2	NUT, 1/2"NC
3	4055913	1	GUIDE, element centering, second stage filter
4	4056633	1	ELEMENT KIT, second stage filter (Includes item 6, 7 and 9)
5	4052173	1	PLATE, element seating, second stage filter
6	-----	1	GASKET, element seating plate (Not serviced separately)
7	-----	1	WASHER, seating plate gasket (Not serviced separately)
8	4052174	1	SPRING, second stage filter
9	4040013	2	GASKET, filter shell
10	065582	1	SHELL, second stage filter
	912415	1	COCK, drain, 1/4"NPT
11	4354416	1	SHELL ASSEMBLY, first stage filter (Includes items 12 thru 15)
	912415	1	COCK, drain, 1/4"NPT
12	4055563	1	ELEMENT ASSEMBLY, first stage filter (Includes item 9)(Not used when Heavy-Duty Filter is installed)
13	4051485	1	GUIDE, element centering, first stage filter
14	4051484	2	GASKET, shell retaining nut
15	4051483	2	NUT, shell retaining (1-3/16" long)(Used prior to engine #6-21728)
	4389113	2	NUT, shell retaining (1-9/16" long)(Effective with engine #6-21728)
	919288	2	CAPSCREW, 1/4"NC x 3/8"
	914686	2	WASHER, plain, 1/4" I. D.
16	4335898	1	HOSE ASSEMBLY, first stage filter to transfer pump (See HOSE PARTS)
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male
	4337251	1	ELBOW, flare type, 90°, brass, 3/8" tube, 1/4"NPT male
17	4335935	1	HOSE ASSEMBLY, transfer pump to second stage filter (See HOSE PARTS)
	919062	1	CONNECTOR, flare type, 3/8" tube, 1/4"NPT male (Used prior to engine #6-21728)
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male (Effective with engine #6-21728)
	4337251	1	ELBOW, flare type, 90°, brass, 3/8" tube, 1/4"NPT male
18	4349776	1	HOSE ASSEMBLY, filter to injection pump (See HOSE PARTS)
	919172	1	CONNECTOR, flare type, 3/8" tube, 3/8"NPT male

NOTE: See PAINTING AND MARKING for transfers applied to filters



FUEL TANK

T-12016A

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

* Tractors prior to serial No. 21631

** Tractors serial No. 21631 and up

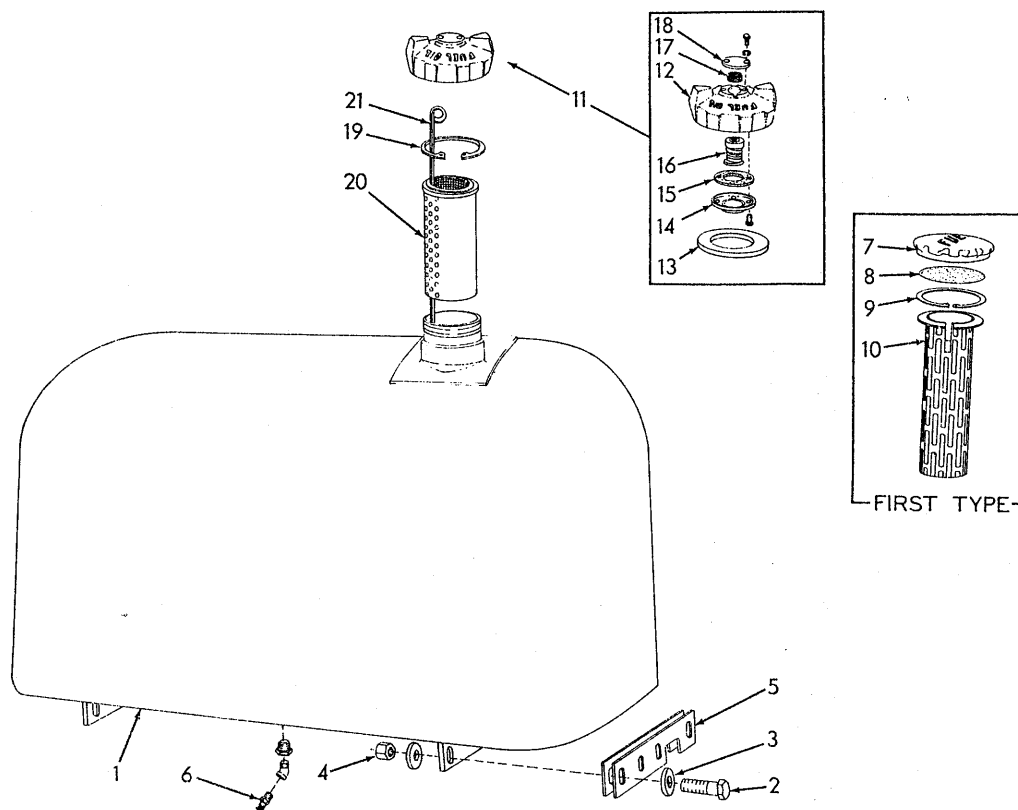
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	650246	1	-	TANK, fuel
	658113	-	1	TANK, fuel
2	035067	6	6	CAPSCREW, 1/2"NF x 2"
3	064531	12	12	WASHER, plain
4	038234	6	6	NUT, high, 1/2"NF
5	633147	8	8	SHIM, tank mounting (Use as required)
6	052360	1	1	ELBOW, fuel tank drain
7	916225	5	5	CAPSCREW, 3/8"NF x 1"
	904206	5	5	LOCKWASHER, 3/8"
8	633519	1	1	COCK, fuel tank drain
9	050594	1	1	PLUG, clean-out, fuel tank drain elbow

(Continued)

FUEL TANK (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
10	050595	1	1	GASKET, clean-out fuel tank drain elbow	
11	050787	1	1	GASKET, fuel tank drain elbow	
12	642744	1	-	CAP, fuel tank	
13	065613	1	-	GASKET, fuel tank cap	
14	621775	1	-	RING, snap, fuel strainer	} Effective with tractor #19154
15	642749	1	-	STRAINER, fuel	
16	668252	-	1	CAP ASSY., fuel tank (Consists of items 17 thru 23)	
17	-----	-	1	CAP, only (Not serviced separately)	
18	668263	-	1	GASKET, cap	
19	668806	-	1	SEAT, relief valve	
	926699	-	4	SCREW, fil-hd., brass, #10-24NC x 3/8"	
20	668804	-	1	GASKET, valve seat	
21	668805	-	1	VALVE ASSY., relief (Serviced only as a unit)	
22	664867	-	1	ELEMENT, air filter	
23	668262	-	1	COVER, tank cap	
	921181	-	2	SCREW ASSY., #10-24NC x 1/2" (Includes lockwasher)	
24	654840	-	1	RING, snap, fuel strainer	
25	650509	-	1	STRAINER, fuel	
26	085623	1	1	GAUGE, fuel level	

NOTE: See PAINTING AND MARKING for transfers applied to tank



FUEL TANK

T-32139

USAGE: Model HD6E tractors serial No. 14484 and up

* Tractors serial No. 14484 thru 21664

** Tractors serial No. 21665 and up

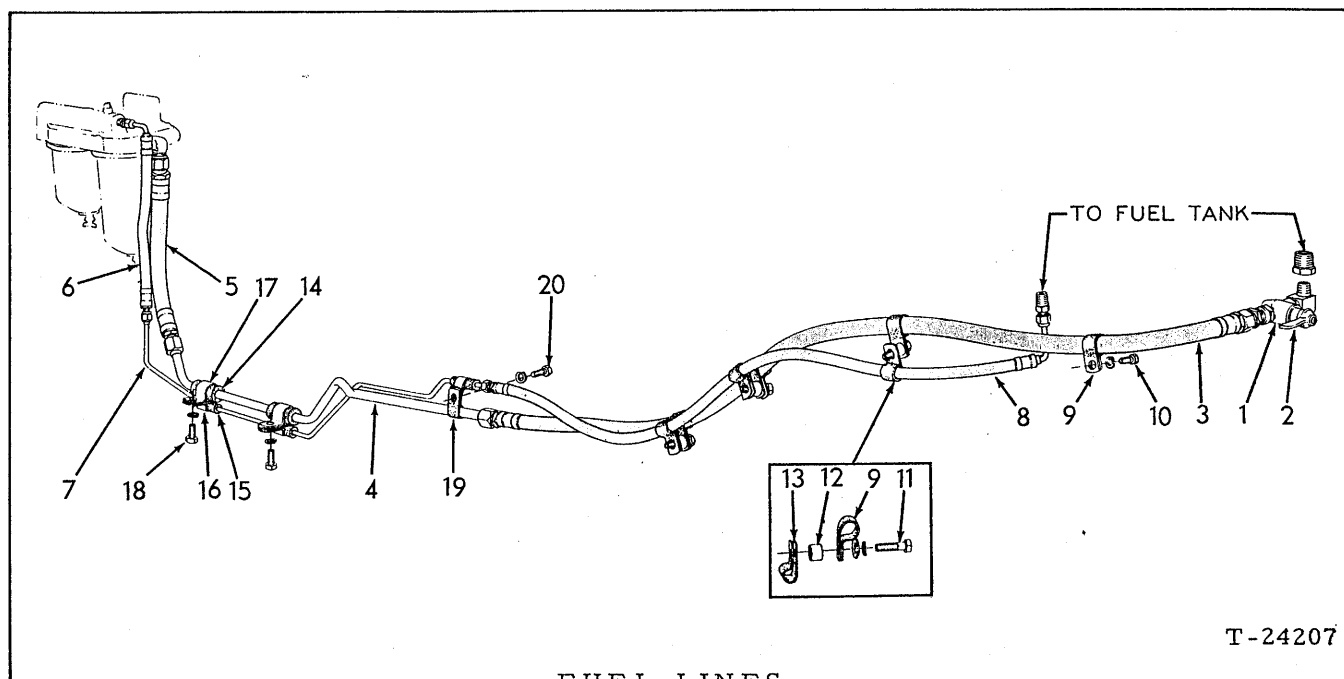
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	650251	1	-	TANK, fuel
	660472	-	1	TANK, fuel
2	035067	6	6	CAPSCREW, 1/2"NF x 2"
3	064531	12	12	WASHER, plain
4	038234	6	6	NUT, high, 1/2"NF
5	633147	6	6	SHIM, tank mounting (Use as required)
6	633519	1	1	COCK, fuel tank drain
	902071	1	1	BUSHING, pipe reducing, 1"NPT to 3/8"NPT
	910149	1	1	ELBOW, street, 3/8"NPT

(Continued)

FUEL TANK (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
7	642744	1	-	CAP, fuel tank
8	065613	1	-	GASKET, fuel tank cap
9	621775	1	-	STRAINER, fuel
10	642749	1	-	GAUGE, fuel level
				} Effective with tractor #19154
11	668252	-	1	CAP ASSY., fuel tank (Consists of items 12 thru 18)
12	-----	-	1	CAP, only (Not serviced separately)
13	668263	-	1	GASKET, cap
14	668806	-	1	SEAT, relief valve
	926699	-	4	SCREW, fil-hd., brass, #10-24 NC x 3/8"
15	668804	-	1	GASKET, valve seat
16	668805	-	1	VALVE ASSY., relief (Serviced only as a unit)
17	664867	-	1	ELEMENT, air filter
18	668262	-	1	COVER, tank cap
	921181	-	2	SCREW ASSY., #10-24NC x 1/2" (Includes lockwasher)
19	654840	-	1	RING, snap, fuel strainer
20	650509	-	1	STRAINER, fuel
21	097735	1	1	GAUGE, fuel level

NOTE: See PAINTING AND MARKING for transfers applied to tank



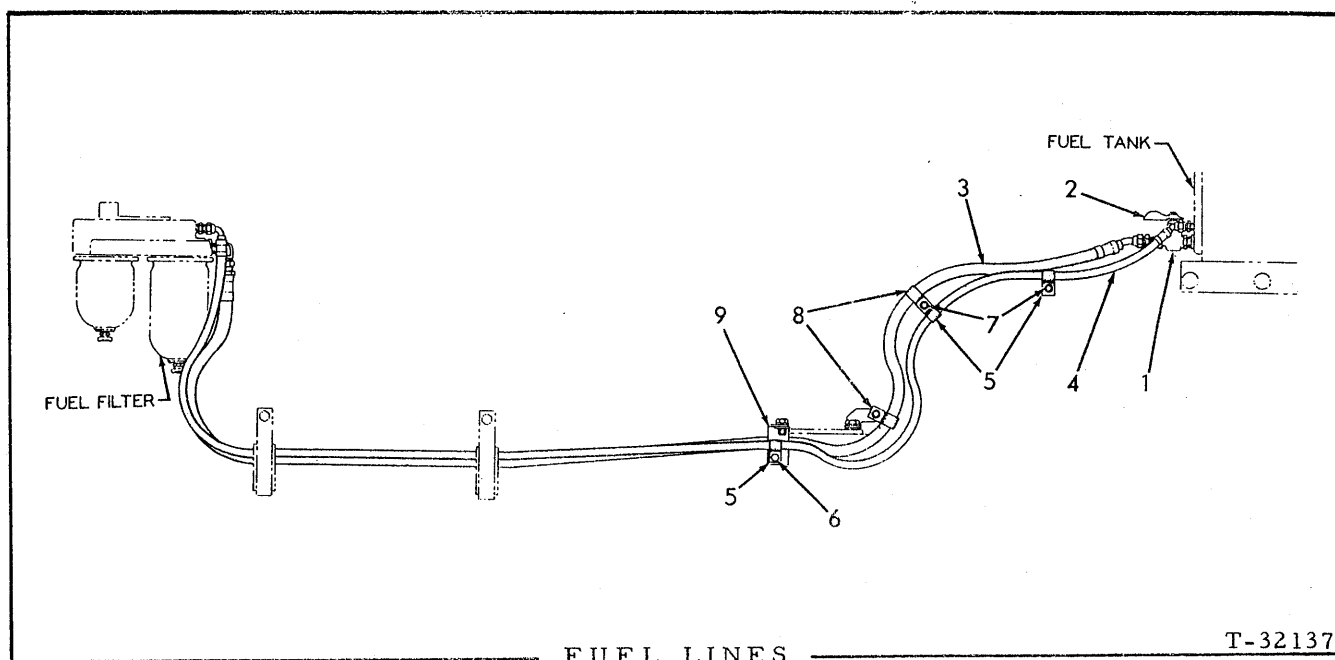
USAGE: Model HD6A, B; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	092727	1	COCK, fuel shut-off (Includes item 2)
	915389	1	ELBOW, street, 90°, brass, 3/8"NPT
	904271	1	BUSHING, pipe reducing, 1/2"NPT to 3/8"NPT
2	082189	1	HANDLE, fuel shut-off cock
3	646159	1	HOSE ASSY., fuel supply line, rear (See HOSE PARTS)(Not used when special Heavy-Duty Fuel Filter is installed)
	919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
4	094449	1	TUBE ASSY., fuel supply line (Includes nuts)
5	646158	1	HOSE, fuel supply line, front (See HOSE PARTS)
	919206	1	ELBOW, flare type, 90°, 1/2" tube, 3/8"NPT male
6	646161	1	HOSE, fuel return line, front (See HOSE PARTS)(Tractors prior to #19368)
	644046	1	HOSE, fuel return line, front (See HOSE PARTS)(Tractors #19368 thru #19423)
	919214	1	UNION, flare type, 1/4" tube
	650805	1	HOSE, fuel return line, front (See HOSE PARTS)(Tractors #19424 and up)
	919140	1	CONNECTOR, flare type, 1/4" tube, 1/4"NPT male
7	094447	1	TUBE ASSY., fuel return line (Includes nuts)
8	646160	1	HOSE, fuel return line, rear (See HOSE PARTS)
	919140	1	CONNECTOR, flare type, 1/4" tube, 1/4"NPT male

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FUEL LINES (Continued)

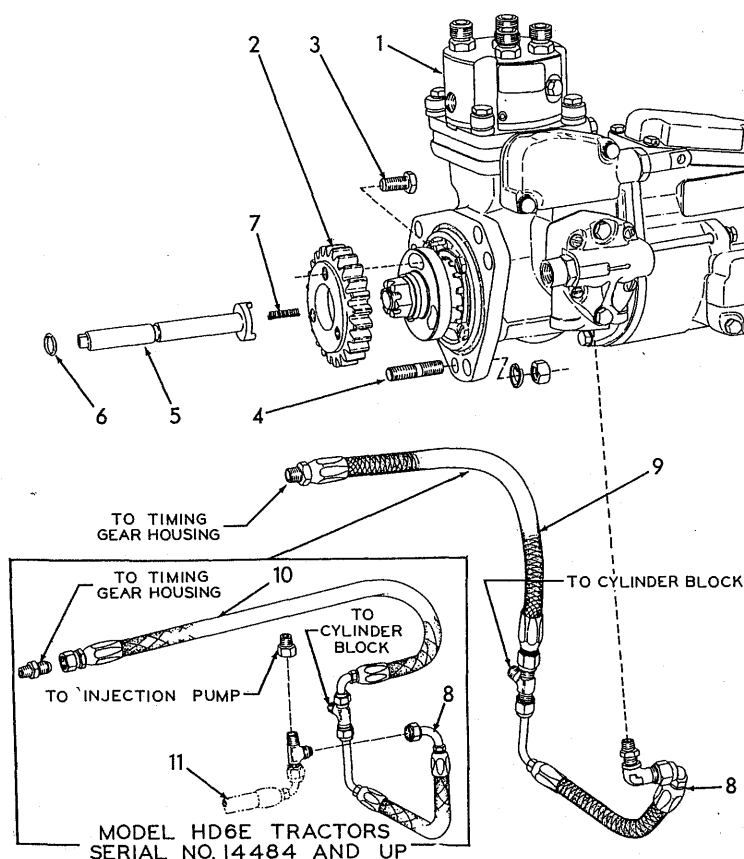
ITEM	PART NO.	QTY.	DESCRIPTION
9	644713	4	CLIP, hose supporting (large)
10	916382	1	CAPSCREW, 3/8"NF x 7/8"
11	919225	3	CAPSCREW, 3/8"NC x 1-3/8"
	904206	4	LOCKWASHER, 3/8"
	911115	4	WASHER, plain, SAE std. , 3/8"
12	087082	3	SPACER, hose supporting clip
13	644006	3	CLIP, hose supporting (small)
14	093752	2	BOOT, supply tube (rubber)
15	093972	3	BOOT, return tube (rubber)
16	047381	3	CLIP, supporting, return tube
17	097534	2	CLIP, supporting, supply tube
18	916269	2	CAPSCREW, 3/8"NC x 7/8"
	904206	2	LOCKWASHER, 3/8"
19	094527	1	CLIP, tube supporting (rubber-covered)
20	916269	1	CAPSCREW, 3/8"NC x 7/8"
	904206	1	LOCKWASHER, 3/8"



USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	092727	1	COCK, fuel shut-off (Includes item 2)
2	082189	1	HANDLE, fuel shut-off cock
3	648745	1	HOSE, fuel supply (See HOSE PARTS)
	919063	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
	919206	1	ELBOW, flare type, 90°, 1/2" tube, 3/8"NPT male
4	646131	1	HOSE, fuel return (See HOSE PARTS)
	919140	2	CONNECTOR, flare type, 1/4" tube, 1/4"NPT male
5	644006	3	CLIP, fuel return hose
6	916269	1	CAPSCREW, 3/8"NC x 7/8"
	911115	2	WASHER, plain, SAE std., 3/8"
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC
7	035167	2	CAPSCREW, 3/8"NF x 7/8" (Early units)
	916269	2	CAPSCREW, 3/8"NC x 7/8" (Late units)
	904206	2	LOCKWASHER, 3/8"
	911115	2	WASHER, plain, SAE std., 3/8"
8	094467	3	CLIP, fuel supply hose
9	628631	1	ANGLE, hose supporting
	910244	1	WASHER, plain, SAE std., 1/2"

MEMO



INJECTION PUMP

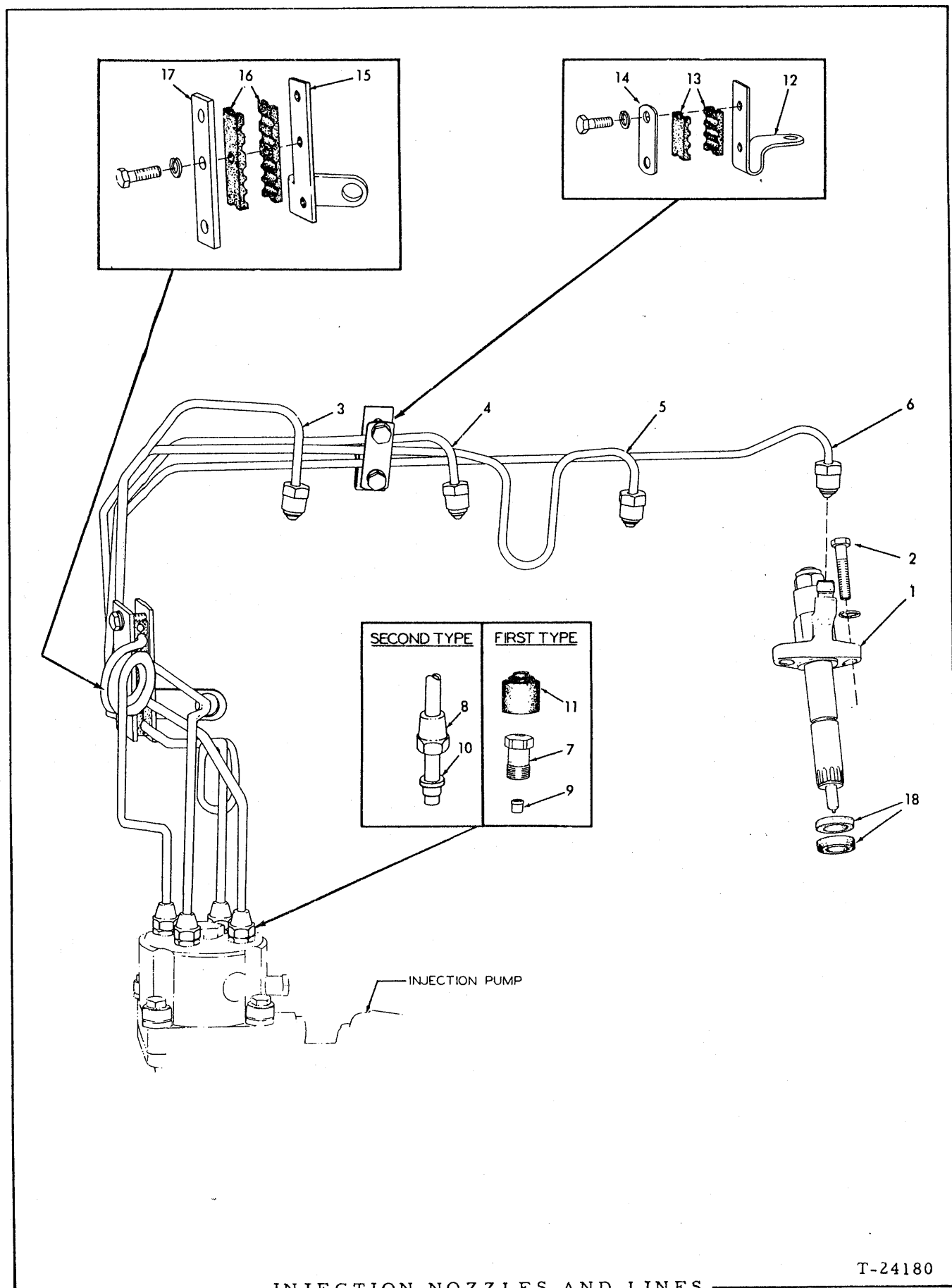
T-24182

ITEM	PART NO.	QTY.	DESCRIPTION	
1	4354232	1	PUMP ASSY., fuel injection (For standard units without turbocharger)	Consult "Allis-Chalmers" dealer for service
	4354805	1	PUMP ASSY., fuel injection (For units with special turbocharger)	
2	4347834	1	GEAR, injection pump coupling	
3	916381	3	CAPSCREW, 3/8"NF x 3/4"	
4	4337224	3	STUD, pump attaching	
	904206	3	LOCKWASHER, 3/8"	
	910123	3	NUT, 3/8"NF	
5	4335444	1	SHAFT, timing	
6	923663	1	O-RING, timing shaft	
7	4346704	1	SPRING, timing shaft	
8	4335931	1	HOSE ASSY., cylinder block to injection pump (See HOSE PARTS)	
	919773	1	TEE, flare type, 1/4" tube, 1/8"NPT male side	
	920215	1	NIPPLE, hex, 1/8"NPT	
	919249	1	ELBOW, flare type, 1/4" tube, 1/8"NPT female	Not used with oil clutch
	919345	1	TEE, flare type, 1/4" tube, 1/8"NPT male end	
	917032	1	ADAPTER, extension, 1/8"NPT male and female	Used with oil clutch. Standard on Model HD6E tractors #14484 and up

(Continued)

INJECTION PUMP (Continued)

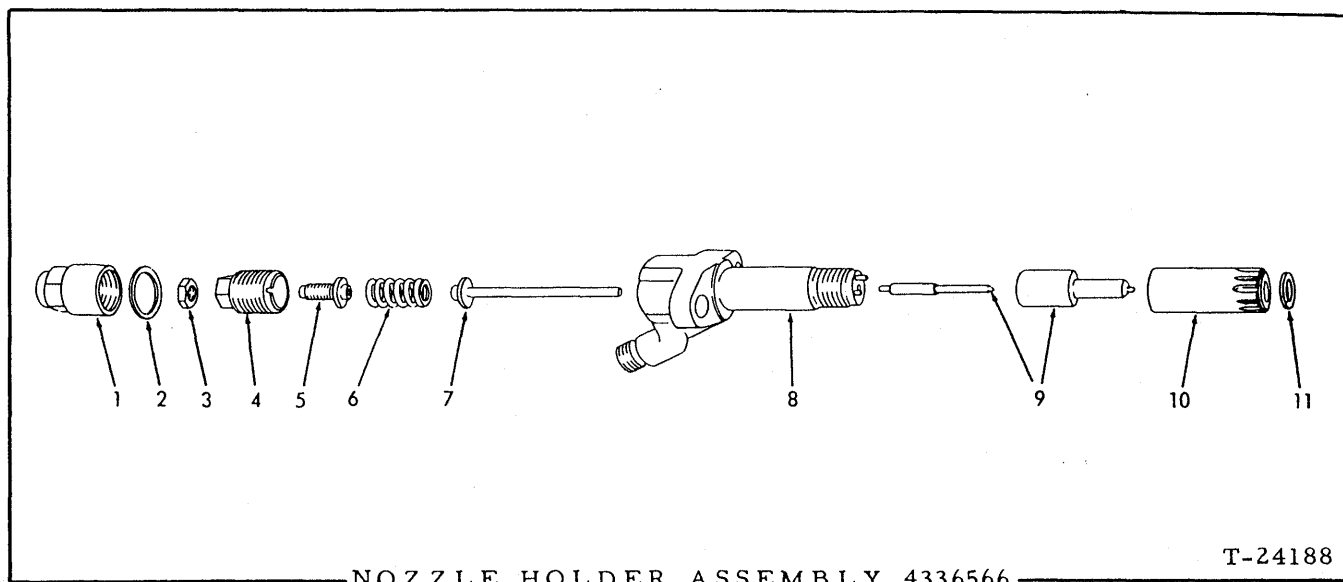
ITEM	PART NO.	QTY.	DESCRIPTION
9	4335716	1	HOSE ASSY., cylinder block to gear housing (See HOSE PARTS) (Models HD6A, B, AG; also Model HD6E tractors prior to #14484)
10	4376906	1	HOSE ASSY., cylinder block to gear housing (See HOSE PARTS) (Model HD6E tractors #14484 and up)
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
11	-----	1	HOSE (See STEERING PUMP DRIVE)



INJECTION NOZZLES AND LINES

* Engines prior to serial No. 6-16359
 ** Engines serial No. 6-16359 thru 6-20327
 *** Engines serial No. 6-20328 and up

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	4336566	4	-	-	HOLDER ASSEMBLY, injection nozzle (See page 62 for parts) (Used prior to engine #6-15383. Order HOLDER ASSEMBLY 4380654)
	4380654	4	4	4	HOLDER ASSEMBLY, injection nozzle (See page 63 for parts) (Effective with engine #6-15383)
2	-----	8	8	8	STUD, injection nozzle holder (Used prior to engine #6-24654. Order CAPSCREW 903632)
	910123	8	8	8	NUT, 3/8"NF
	904206	8	8	8	LOCKWASHER, 3/8"
	903632	-	-	8	CAPSCREW, 3/8"NC x 1-1/2"(Effective with engine #6-24654)
	904206	-	-	8	LOCKWASHER, 3/8"
3	-----	1	-	-	TUBE ASSEMBLY, fuel injection (#1 cylinder)(See NOTE)
	4337799	-	1	-	TUBE ASSEMBLY, fuel injection (#1 cylinder)
	4338560	-	-	1	TUBE ASSEMBLY, fuel injection (#1 cylinder)
4	-----	1	-	-	TUBE ASSEMBLY, fuel injection (#2 cylinder)(See NOTE)
	4337800	-	1	-	TUBE ASSEMBLY, fuel injection (#2 cylinder)
	4338561	-	-	1	TUBE ASSEMBLY, fuel injection (#2 cylinder)
5	-----	1	-	-	TUBE ASSEMBLY, fuel injection (#3 cylinder)(See NOTE)
	4337801	-	1	-	TUBE ASSEMBLY, fuel injection (#3 cylinder)
	4338562	-	-	1	TUBE ASSEMBLY, fuel injection (#3 cylinder)
6	-----	1	-	-	TUBE ASSEMBLY, fuel injection (#4 cylinder)(See NOTE)
	4337802	-	1	-	TUBE ASSEMBLY, fuel injection (#4 cylinder)
	4338563	-	-	1	TUBE ASSEMBLY, fuel injection (#4 cylinder)
NOTE: Each Tube Assembly listed above includes Nut and Sleeve for the upper end. Where part number is not listed, order the corresponding Tube Assembly of later design and include with each 1 SLEEVE 4501149, 1 SLEEVE 4054096, 1 NUT 4504409 and 1 Fitting 4054095.					
7	4052555	4	-	-	FITTING, injection tube, lower end
8	4504409	-	4	4	NUT, injection tube, lower end
9	4052556	4	-	-	SLEEVE, injection tube, lower end
10	4501149	-	4	4	SLEEVE, injection tube, lower end
11	4053156	4	-	-	CAP, injection tube fitting (rubber)
12	4349934	1	1	1	BRACKET, tube supporting, upper
13	4336742	2	2	2	SPACER, injection tubes (3 grooves)
14	4336776	1	1	1	PLATE, upper tube supporting bracket
	920622	2	2	2	CAPSCREW, 5/16"NF x 1"
	904205	2	2	2	LOCKWASHER, 5/16"
15	4338287	1	1	-	BRACKET, tube supporting, lower
	4338566	-	-	1	BRACKET, tube supporting, lower
16	4336532	2	2	2	SPACER, injection tubes (5 grooves)
17	4336531	1	1	1	PLATE, lower tube supporting bracket
	920622	3	3	3	CAPSCREW, 5/16"NF x 1"
	904205	3	3	3	LOCKWASHER, 5/16"
18	4025385	8	8	8	SHIELD, dirt, nozzle holder

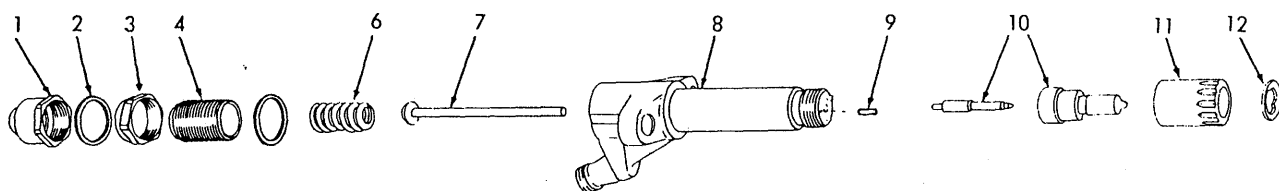


USAGE: See page 61

ITEM PART NO. QTY. DESCRIPTION

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

1	4052715	1	CAP, protecting
2	4049282	1	GASKET, protecting cap
3	4050523	1	NUT, adjusting screw
4	4050520	1	NUT, spindle retaining
5	4051839	1	SCREW, adjusting
6	4050519	1	SPRING, nozzle spindle
7	4052714	1	SPINDLE ASSEMBLY (Serviced only as a unit)
8	-----	1	BODY (Not serviced separately)
9	4380685	1	NOZZLE ASSEMBLY, injection (Includes item 11)
10	4050516	1	NUT, nozzle retaining
11	4378031	1	GASKET, nozzle holder



NOZZLE HOLDER ASSEMBLY 4380654

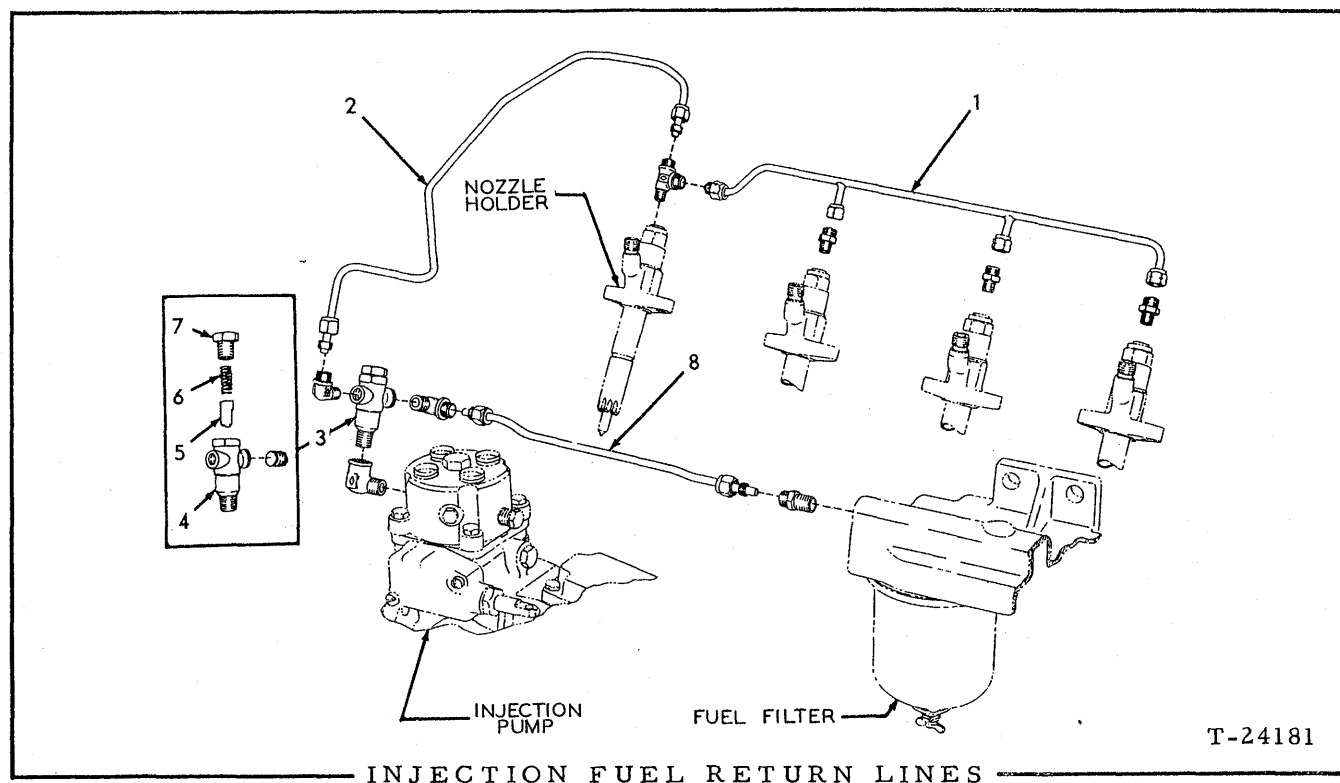
T-33500

USAGE: See page 61

ITEM PART NO. QTY. DESCRIPTION

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

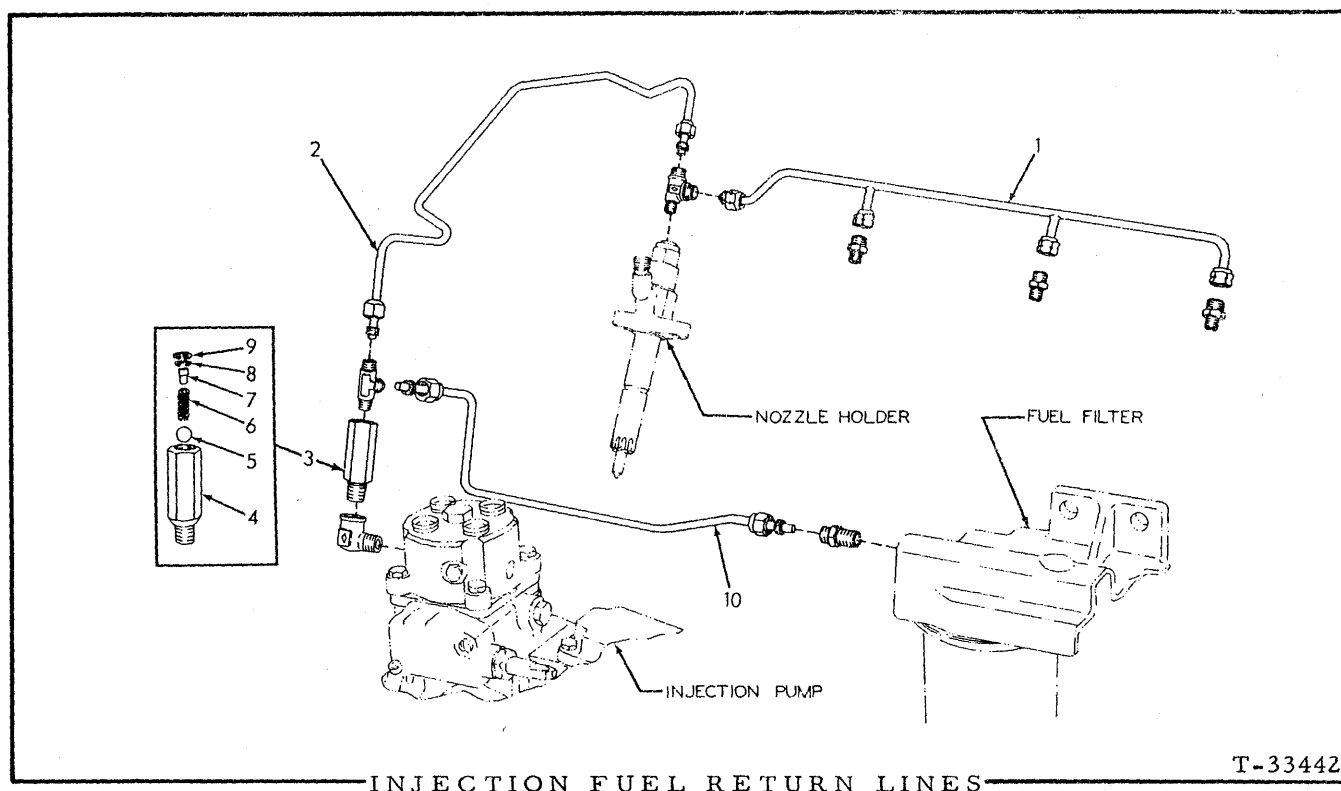
1	4378032	1	CAP, protecting
2	4511243	2	GASKET, cap nut
3	4511213	1	NUT, locking
4	4378033	1	SCREW, adjusting
6	4380652	1	SPRING
7	4380656	1	SPINDLE
8	-----	1	BODY (Not serviced separately)
9	922943	2	PIN, nozzle locating
10	4380651	1	NOZZLE ASSEMBLY (Includes item 12)
11	4380662	1	NUT, nozzle retaining
12	4378031	1	□ GASKET, nozzle holder



USAGE: Engines prior to serial No. 6-14912

ITEM PART NO. QTY. DESCRIPTION

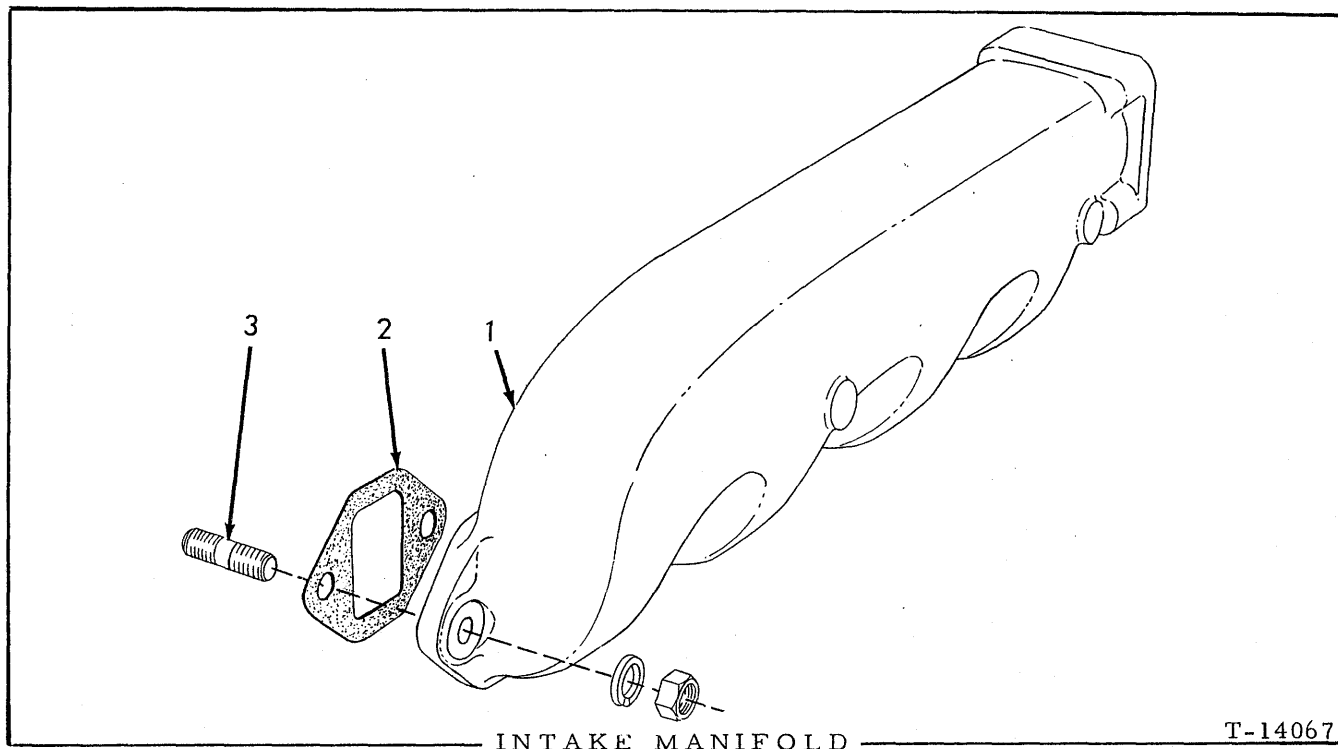
1	4349927	1	MANIFOLD ASSEMBLY (Includes NUT and SLEEVE indented below)
	917809	4	NUT, Imperial, 1/4" tube
	917806	4	SLEEVE, Imperial, 1/4" tube
	919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8"NPT male
	920411	1	TEE, Imperial, 1/4" tube, 1/8"NPT end
2	4349931	1	TUBE ASSEMBLY, manifold to relief valve (Includes NUT and SLEEVE indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	919040	1	ELBOW, Imperial, 1/4" tube, 1/8"NPT male
3	4515304	1	VALVE ASSEMBLY, pressure relief (Consists of items 4 thru 7)
	914588	1	ELBOW, street, brass, 90°, 1/4"NPT
4	-----	1	BODY, relief valve (Not serviced separately)
	901651	1	PLUG, pipe, 1/8"NPT (Not used)
5	4041015	1	VALVE, pressure relief
6	4050685	1	SPRING, pressure relief valve
7	4051304	1	SCREW, pressure relief valve
8	4337028	1	TUBE ASSEMBLY, relief valve to filter (Includes NUT and SLEEVE indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	920242	1	CONNECTOR, Imperial, 1/4" tube, 1/4"NPT male
	919481	1	ELBOW, Imperial, 1/4" tube, 1/4"NPT male



T-33442

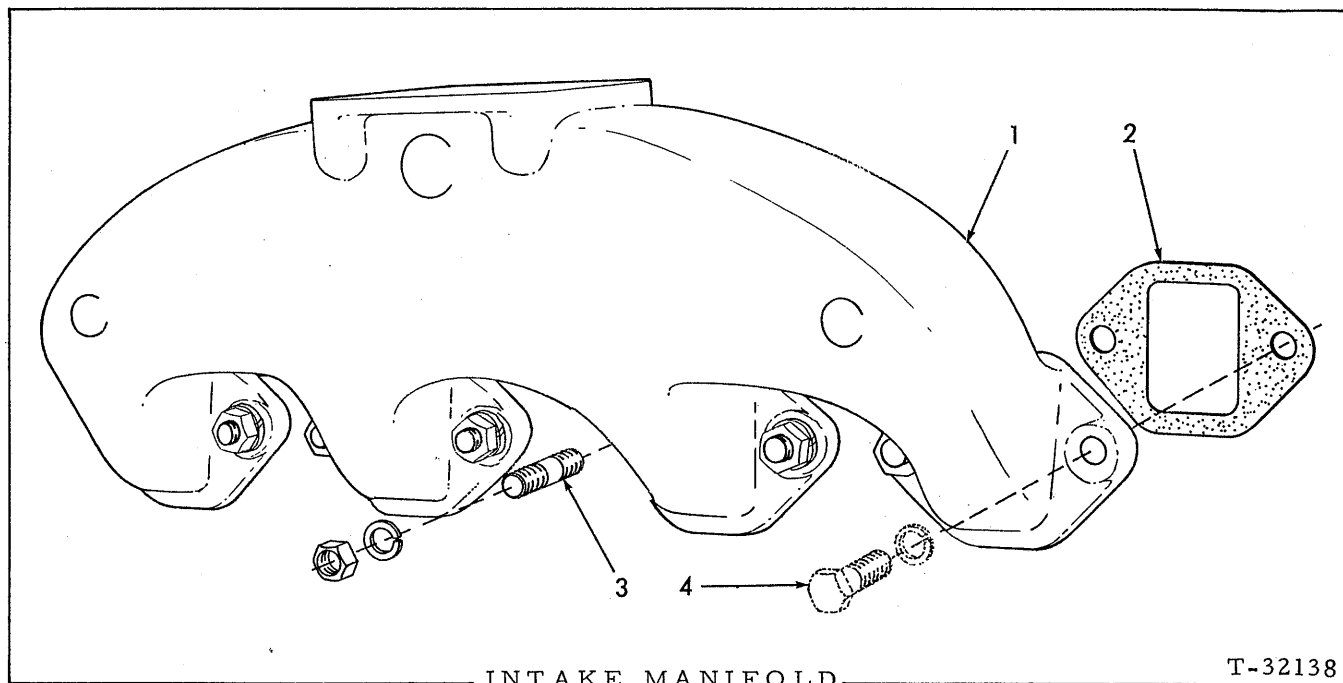
USAGE: Engines serial No. 6-14912 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349927	1	MANIFOLD ASSEMBLY (Includes NUTS and SLEEVES indented below)
	917809	4	NUT, Imperial, 1/4" tube
	917806	4	SLEEVE, Imperial, 1/4" tube
	919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8"NPT male
	920411	1	TEE, Imperial, 1/4" tube, 1/8"NPT end
2	4337194	1	TUBE ASSEMBLY, manifold to relief valve (Includes NUTS and SLEEVES indented below)(Used prior to engine #6-20328)
	4338564	1	TUBE ASSEMBLY, manifold to relief valve (Includes NUTS and SLEEVES indented below)(Effective with engine #6-20328)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	921378	1	TEE, Imperial, 1/4" tube, 1/4"NPT male
3	4337015	1	VALVE ASSEMBLY, pressure relief (Consists of items 4 thru 9)
	914588	1	ELBOW, street, brass, 90°, 1/4"NPT
4	-----	1	BODY, relief valve (Not serviced separately)
5	4337022	1	BALL, relief valve
6	4337023	1	SPRING, relief valve
7	4337019	1	STOP, relief valve
8	4255017	1	E-RING, relief valve stop
9	4255020	1	RING, snap, relief valve
10	4337193	1	TUBE ASSEMBLY, relief valve to filter (Includes NUTS and SLEEVES indented below)
	917806	2	SLEEVE, Imperial, 1/4" tube
	917809	2	NUT, Imperial, 1/4" tube
	920242	1	CONNECTOR, Imperial, 1/4" tube, 1/4"NPT male



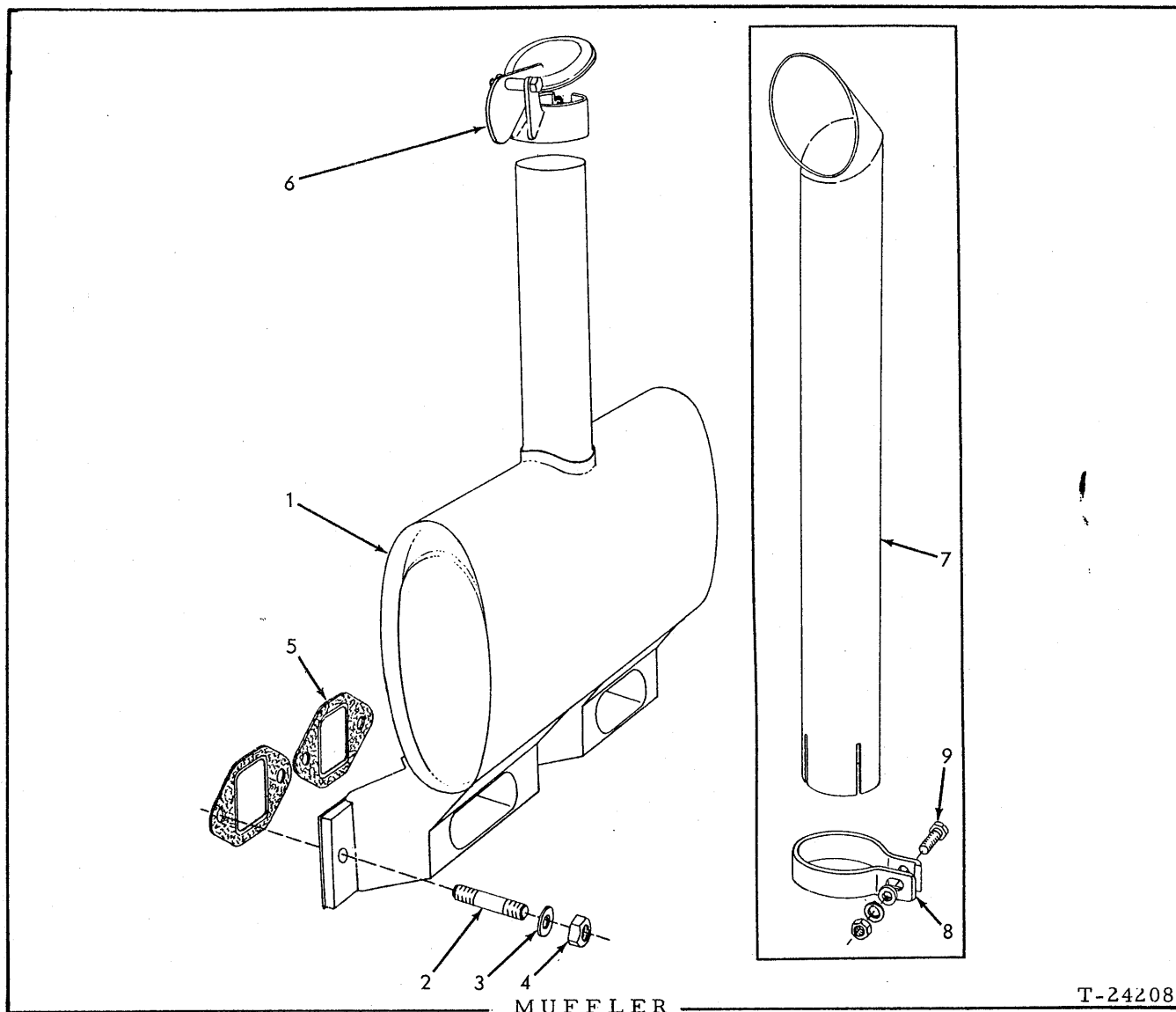
USAGE: Models HD6A, B; also HD6E tractors prior to serial No. 14484. Not for HD6B when equipped with optional "Donaldson" oil bath air cleaner.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4349881	1	MANIFOLD, intake
2	4346138	4	□GASKET, intake manifold
3 {	4339726	1	STUD, manifold attaching (Also attaches injection line bracket)
	4346208	7	STUD, manifold attaching
	904208	8	LOCKWASHER, 1/2"
	910325	8	NUT, 1/2"NC



USAGE: Model HD6AG; also Model HD6E serial No. 14484 and up; also HD6B when equipped with optional "Donaldson" oil-bath air cleaner.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4337508	1	MANIFOLD, intake
2	4346138	4	□ GASKET, intake manifold
3	4339726	1	STUD, manifold attaching (Also attaches injection line bracket)
	4346208	5	STUD, manifold attaching
	904208	8	LOCKWASHER, 1/2"
	910325	8	NUT, 1/2"NC
4	-----	2	CAPSCREW, 1/2"NC x 2" (See THROTTLE CONTROL)



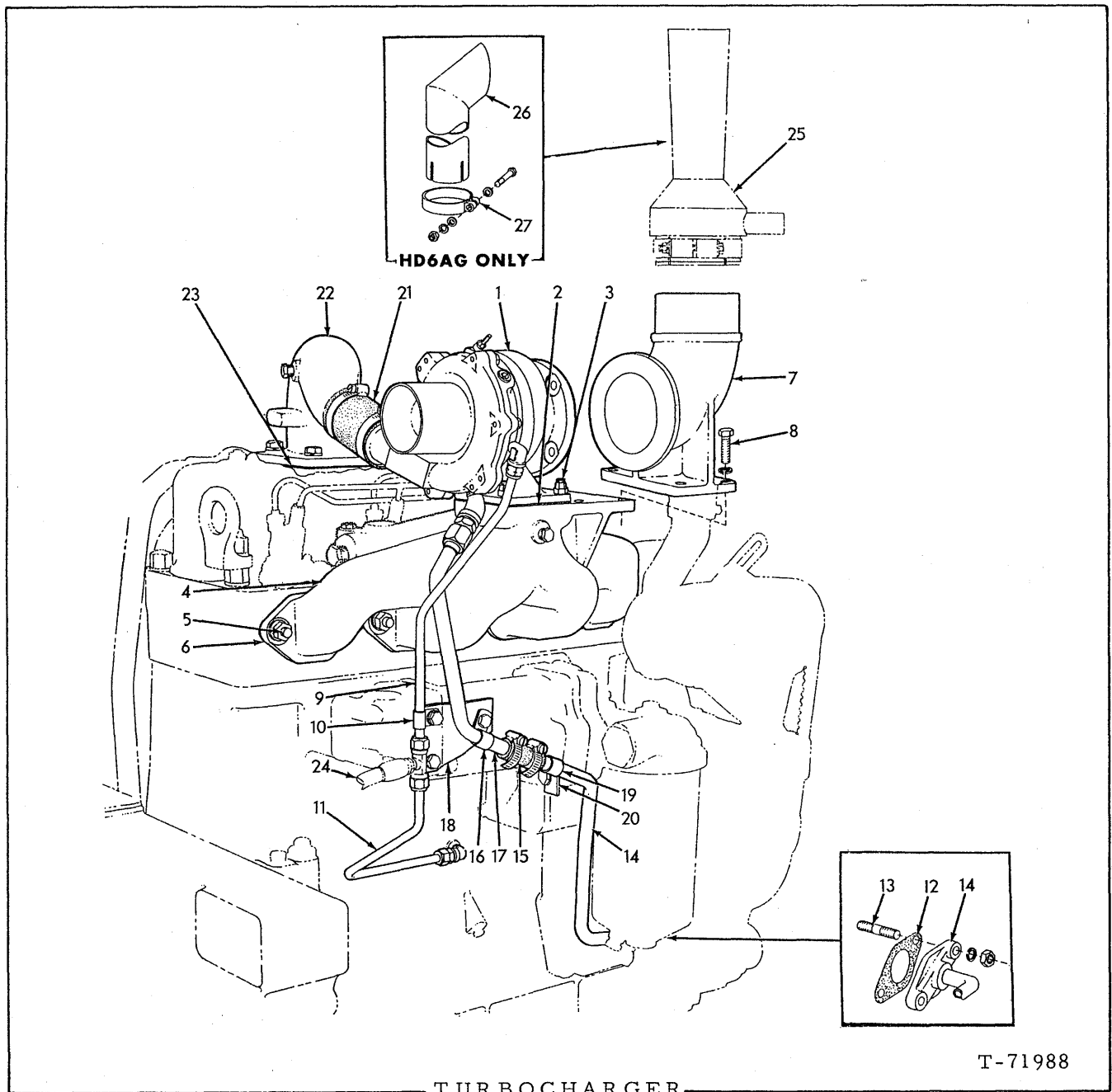
USAGE: For units not equipped with turbocharger

ITEM PART NO. QTY. DESCRIPTION

1	099964	1	MUFFLER, exhaust
2	4346208	8	STUD
3	4371107	8	WASHER, plain
4	4253270	8	NUT
5	4338511	4	□GASKET, muffler to cylinder head

NOTE: The following items are Special Equipment

6	068963	1	RAINCAP, exhaust pipe
7	077250	1	SHIELD, rain, exhaust pipe
8	077247	1	CLAMP, exhaust pipe rain shield
9	203188	1	CAPSCREW, 3/8"NF x 1-1/2"
	900817	1	WASHER, plain, U. S. std., 3/8"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8"NF



T-71988

TURBOCHARGER

USAGE: Optional equipment on Model HD6E; standard on HD6AG

ITEM	PART NO.	QTY.	DESCRIPTION
1	4515622	1	TURBOCHARGER ASSY. (See page 73 for parts)(Engines prior to #6-24871)
	4359134	1	TURBOCHARGER ASSY. (See page 74 for parts)(Engines #6-24871 and up)
2	4337615	1	GASKET, turbocharger to manifold
3	4513701	4	STUD, turbocharger attaching
	4385387	4	NUT, 3/8"NF
	913544	4	WASHER, plain

(Continued)

TURBOCHARGER (Continued)

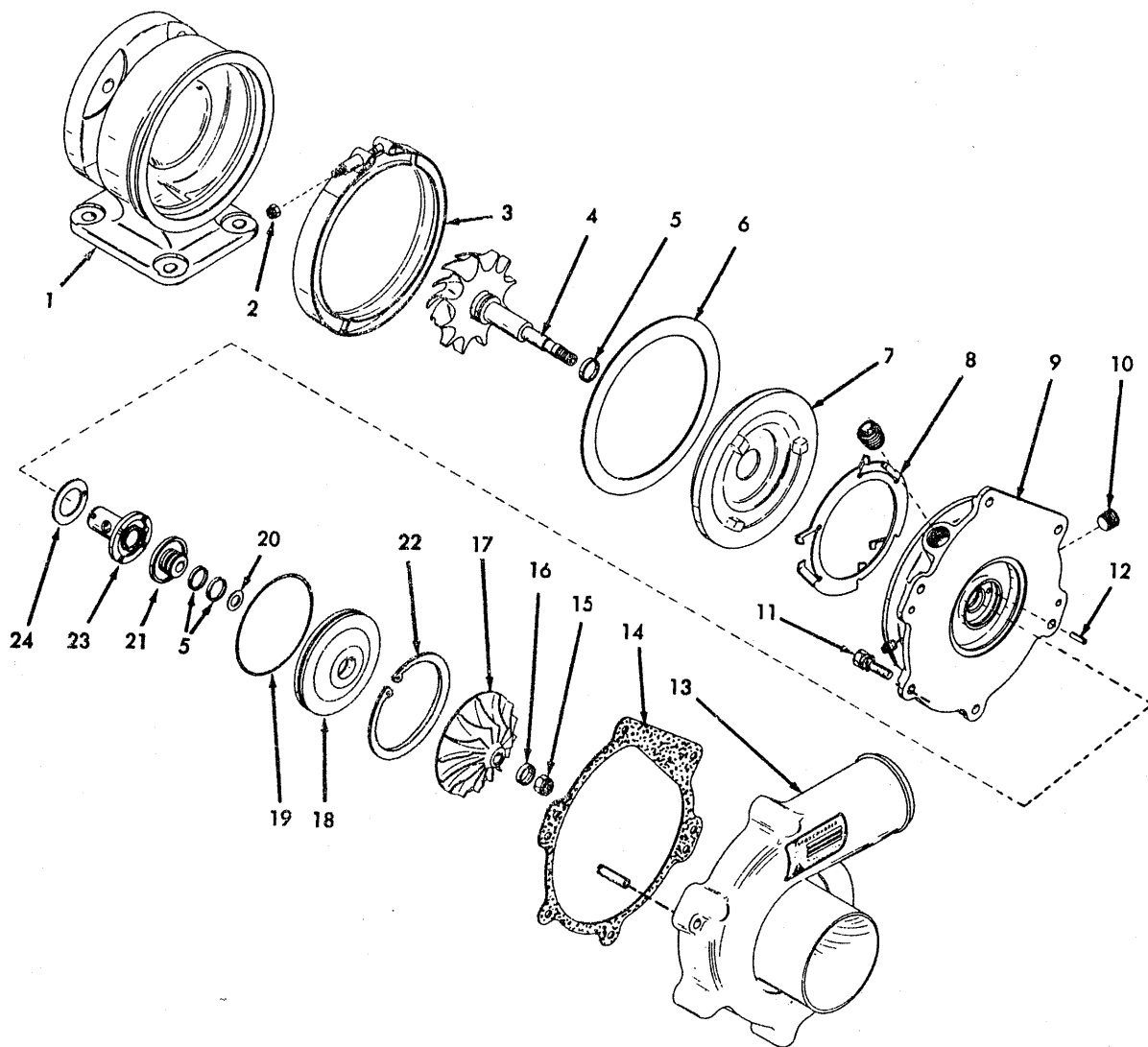
ITEM	PART NO.	QTY.	DESCRIPTION
4	4339512	1	MANIFOLD, exhaust
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT
5	4346208	8	STUD
	4371107	8	WASHER, plain
	4253270	8	NUT
6	4338511	4	☐ GASKET, manifold to cylinder head
7	4338108	1	ELBOW, exhaust
8	4255157	4	CAPSCREW
	904208	4	LOCKWASHER, 1/2"
9	4338164	1	TUBE ASSY., oil supply, upper section (Includes item 10 and NUTS and SLEEVES indented below)
	917810	2	NUT, Imperial, 3/8" tube
	4338301	2	SLEEVE, Imperial, 3/8" tube (high temp.)
	921764	1	TEE, Imperial, 3/8" tube, 1/4"NPT male
	920790	1	ELBOW, Imperial, 3/8" tube, 1/8"NPT male
	917032	1	ADAPTOR. extension, 1/8"NPT male and female
10	4337590	1	CLAMP, oil supply tube
11	4338166	1	TUBE ASSY., oil supply, lower section (Includes NUTS and SLEEVES indented below)
	917810	2	NUT, Imperial, 3/8" tube
	4338301	2	SLEEVE, Imperial, 3/8" tube (high temp.)
	921372	1	CONNECTOR, Imperial, 3/8" tube, 1/8"NPT male
	907059	1	ELBOW, street, 90°, 1/8"NPT
12	4362458	1	GASKET, lower drain tube
13	4337224	2	STUD, lower oil drain tube
	910123	2	NUT, 3/8"NF
	904206	2	LOCKWASHER, 3/8"
14	4337511	1	TUBE, oil drain, lower
15	4337504	1	HOSE, oil drain line
	921911	2	CLAMP, hose, 11/16" to 1-1/4" diam.
16	4252780	1	CLAMP, upper oil drain tube
	903629	1	CAPSCREW, 3/8"NC x 3/4"
	904206	1	LOCKWASHER, 3/8"
	910324	1	NUT, 3/8"NC
17	4338259	1	TUBE ASSY., oil drain, upper (Includes nut and sleeve)
	921395	1	CONNECTOR, flare type, 5/8" tube, 3/8"NPT male
	910149	1	ELBOW, street, 45°, 3/8"NPT
18	4337507	1	BRACKET, supporting, upper oil tubes
19	4252780	1	CLAMP, lower oil drain tube
	916269	1	CAPSCREW, 3/8"NC x 7/8"
	904206	1	LOCKWASHER, 3/8"
	910324	1	NUT, 3/8"NC
20	4339845	1	BRACKET, supporting, lower oil drain tube
21	4338285	1	SLEEVE, air discharge elbow
	4338295	2	CLAMP, hose

(Continued)

TURBOCHARGER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	4337535	1	ELBOW, air discharge (See pages 103 and 105 for special elbow used with Air Heater)
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when engine primer is installed)
	919230	4	CAPSCREW, 1/2"NC x 1-3/8"
	904208	4	LOCKWASHER, 1/2"
23	4349193	1	GASKET, air discharge elbow
24	-----	-	HOSE ASSY. (See INSTRUMENTS AND COWL)
25	-----	-	ASPIRATOR (See AIR CLEANER)
26	658523	1	PIPE, exhaust (Standard. See EXHAUST EXTENSIONS for optional exhaust pipe)
27	634091	1	CLAMP, exhaust pipe
	919227	1	CAPSCREW, 3/8"NC x 3-1/4"
	044973	2	WASHER, plain
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC

HD6AG tractors #21212 and up, including Nos. 21146, 21155, 21168, 21179, 21190, 21201



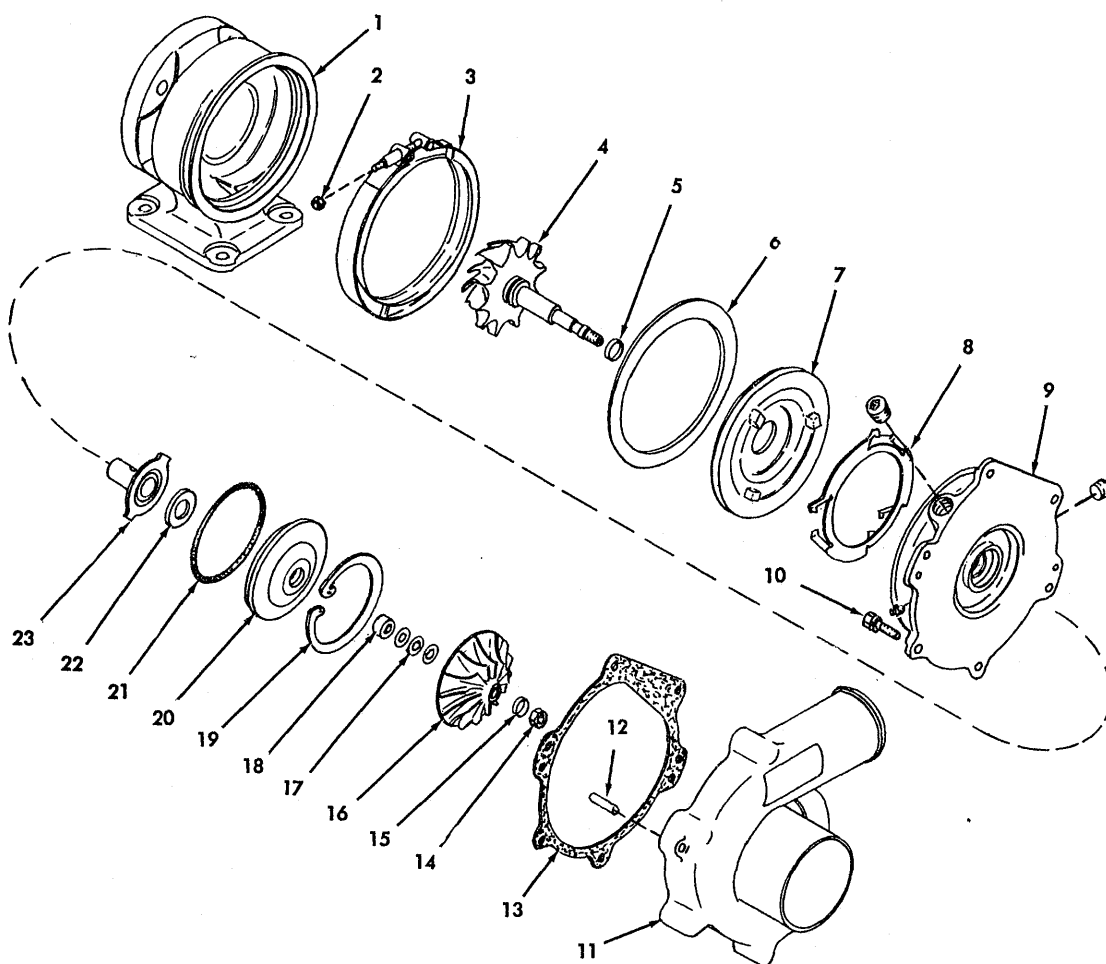
TURBOCHARGER ASSEMBLY 4515622

T-32020

TURBOCHARGER ASSEMBLY 4515622

USAGE: See page 69

ITEM	PART NO.	QTY.	DESCRIPTION
1	4055072	1	HOUSING, turbine
2	4054530	1	NUT, turbine housing clamp
3	4054297	1	CLAMP ASSY., turbine housing (Includes item 2)
4	4055289	1	WHEEL AND SHAFT, turbine
5	4059418	3	SEAL KIT, turbine shaft (Consists of 1 split ring and 1 plastic installing sleeve)
6	4054300	1	GASKET, turbine housing
7	4054301	1	SHIELD, turbine wheel
8	4054302	1	SPRING-RING, turbine wheel shield
9	-----	1	HOUSING ASSEMBLY, bearing (Order HOUSING 4059370. If for first replacement also order IMPELLER 4059628, SEAL 4059279, O-RING 4056670, SPACER 4059278, RING 4056671, SHIELD 4056673, RING 4059277 and BEARING 4058884)
10	918887	2	PLUG, pipe, hex-socket, 3/8"NPT
11	4055640	6	CAPSCREW ASSY. (Includes lockwasher)
12	921757	1	PIN, dowel, turbine shaft bearing
13	4055075	1	HOUSING ASSY., compressor (Includes PIN 922846)
	922846	2	PIN, groove, 1/4" x 5/8" (dowel)
14	4054321	1	GASKET, compressor housing
15	4054318	1	NUT, impeller retaining
16	4054317	1	WASHER, impeller retaining
17	-----	1	IMPELLER (Order IMPELLER 4059628. If for first replacement also order HOUSING 4059370, SEAL 4059279, O-RING 4056670, SPACER 4059278, RING 4056671, SHIELD 4056673, RING 4059277 and BEARING 4058844)
18	4054315	1	PLATE, oil retaining
19	4054314	1	O-RING, oil retaining plate
20	{ 4054312	-	SHIM, impeller (.010" thick. Use as required)
	4054313	-	SHIM, impeller (.015" thick. Use as required)
21	4054311	1	SPACER, turbine shaft
22	4054310	1	RING, snap, bearing retaining
23	4058844	1	BEARING, turbine shaft
24	{ 4055285	-	SHIM, turbine shaft bearing (.008" thick. Use as required)
	4055286	-	SHIM, turbine shaft bearing (.009" thick. Use as required)
	4054306	-	SHIM, turbine shaft bearing (.010" thick. Use as required)
	4055287	-	SHIM, turbine shaft bearing (.011" thick. Use as required)
	4054307	-	SHIM, turbine shaft bearing (.012" thick. Use as required)
	4054308	-	SHIM, turbine shaft bearing (.014" thick. Use as required)



TURBOCHARGER ASSEMBLY 4359134

T-73845

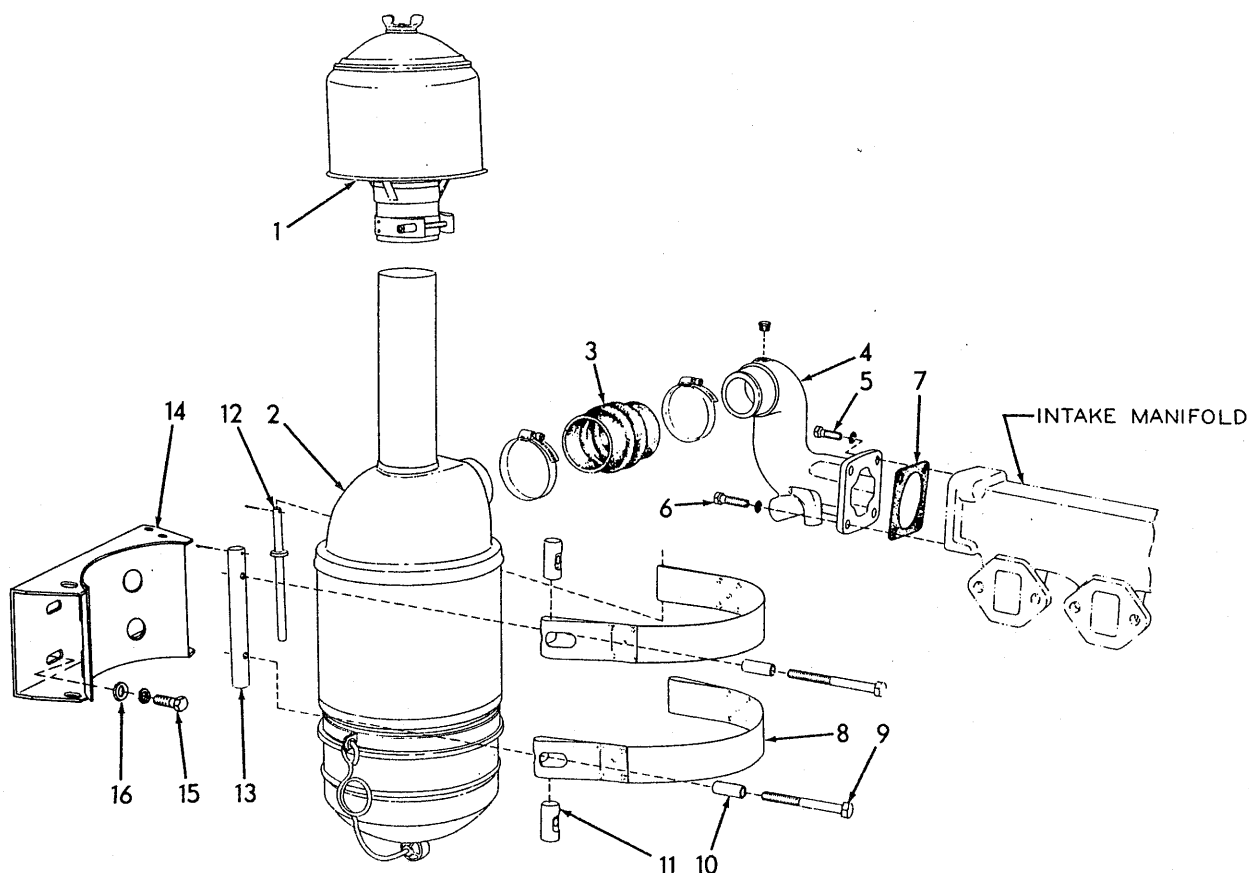
USAGE: See page 69

ITEM	PART NO.	QTY	DESCRIPTION
1	4055072	1	HOUSING, turbine
2	4054530	1	NUT, turbine housing clamp
3	4054297	1	CLAMP ASSEMBLY, turbine housing (Includes item 2)
4	4055289	1	WHEEL AND SHAFT, turbine
5	4059418	1	SEAL KIT, turbine shaft(Consists of 1 split-ring and 1 plastic installing sleeve)
6	4054300	1	GASKET, turbine housing
7	4056673	1	SHIELD, turbine wheel
8	4054302	1	SPRING-RING, turbine wheel shield
9	4059370	1	HOUSING, bearing
	918887	2	PLUG, pipe, hex-socket, 3/8"NPT
10	4055640	6	CAPSCREW ASSEMBLY (includes lockwasher)
11	4055075	1	HOUSING ASSEMBLY, compressor (Includes item 12)

(Continued)

TURBOCHARGER ASSEMBLY 4359134 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	922846	2	PIN, dowel, compressor housing
13	4054321	1	GASKET, compressor housing
14	4054318	1	NUT, impeller retaining
15	4054317	1	WASHER, impeller retaining
16	4059628	1	IMPELLER
17	4054312	-	SHIM, impeller (.010" thick. Use as req'd)
	4054313	-	SHIM, impeller (.015" thick. Use as req'd)
18	4059278	1	SLEEVE, impeller spacing
19	4056671	1	RING, snap, seal retaining
20	4059279	1	SEAL, oil
21	4056670	1	O-RING
22	4059277	1	RING, seal mating
23	4058884	1	BEARING, turbine shaft



AIR CLEANER (First type Oil-bath)

T-27372

USAGE: Units prior to October 1966. Standard equipment on Models HD6A, B prior to tractor serial No. 15520; optional thereafter. Also standard equipment on Model HD6E prior to tractor serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: See following pages for dry type Air Cleaners

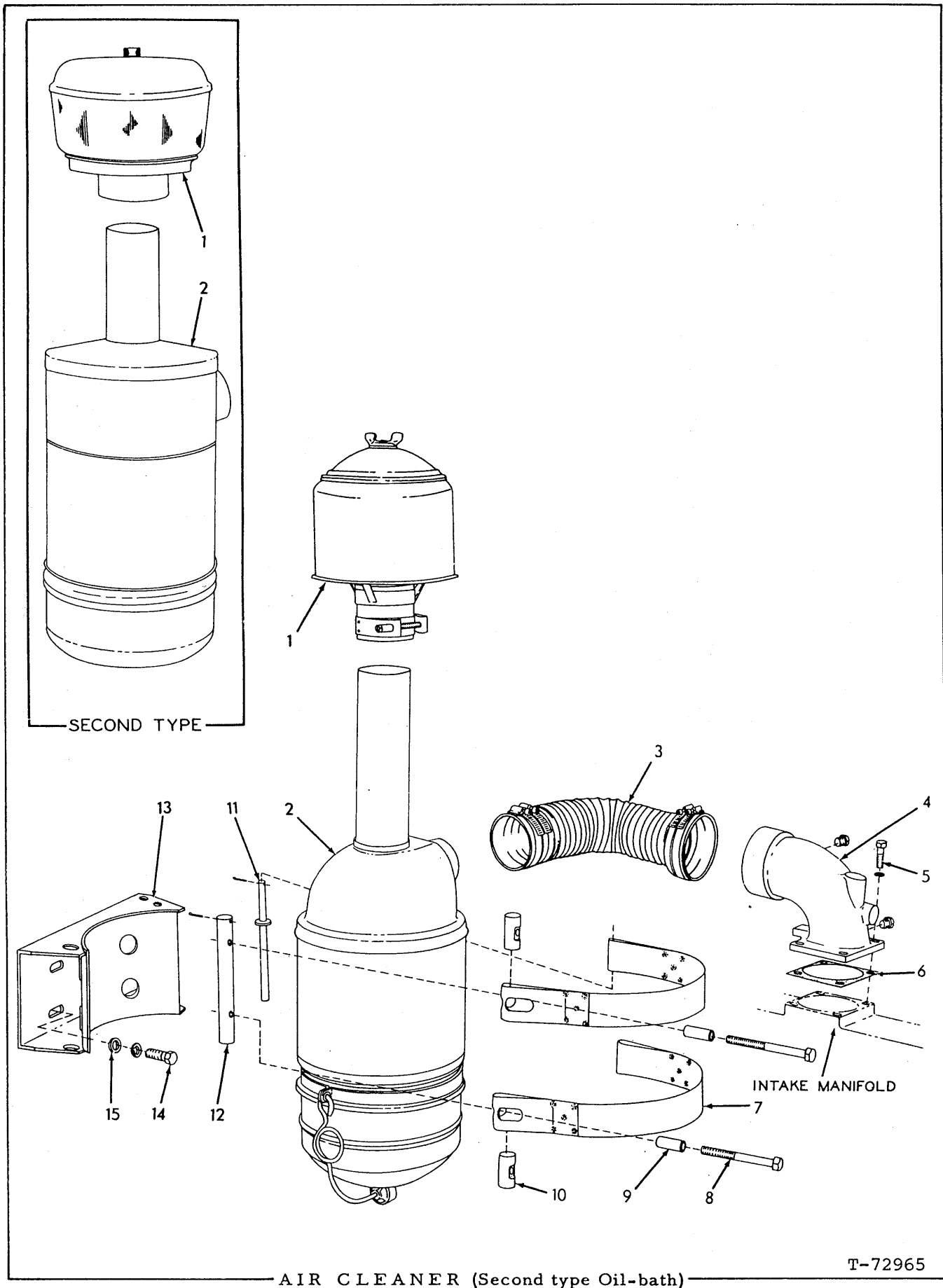
1	044961	1	PRE-CLEANER ASSEMBLY, air (See page 92 for parts)
2	085999	1	CLEANER ASSEMBLY, air (See page 92 for parts)
3	086426	1	HOSE, corrugated
	921914	2	CLAMP, hose, adjustable, 2-5/16" to 3-1/4" diam.
4	099442	1	ELBOW, air intake (Also see page 103 for special elbow used with AIR HEATER)
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when ENGINE PRIMER is installed)
5	035190	2	CAPSCREW, 1/2"NC x 1-1/2"
6	921556	2	CAPSCREW, 1/2"NC x 2"
	904208	4	LOCKWASHER, 1/2"

(Continued)

AIR CLEANER (First type Oil-bath)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	086757	1	GASKET, air intake elbow
8	086239	2	BAND, air cleaner mounting
9	086238	2	CAPSCREW, air cleaner mounting band
10	053667	2	SPACER, mounting band capscREW
11	050735	2	PIN, mounting band (short)
12	085973	1	PIN, mounting band
	900805	1	PIN, cotter, 1/8" x 3/4"
13	085974	1	PIN, mounting band (long)
	900807	1	PIN, cotter, 1/8" x 1-1/4"
14	628048	1	SADDLE, air cleaner (Not used on Model HD6A, B tractors prior to #14666)
	036034	4	CAPSCREW, 3/8"NF x 1" (Early units)
15	035439	4	CAPSCREW, 3/8"NC x 1" (Late units)
	904206	4	LOCKWASHER, 3/8"
16	044973	4	WASHER, plain

NOTE: See PAINTING AND MARKING for instruction transfers applied to air cleaners



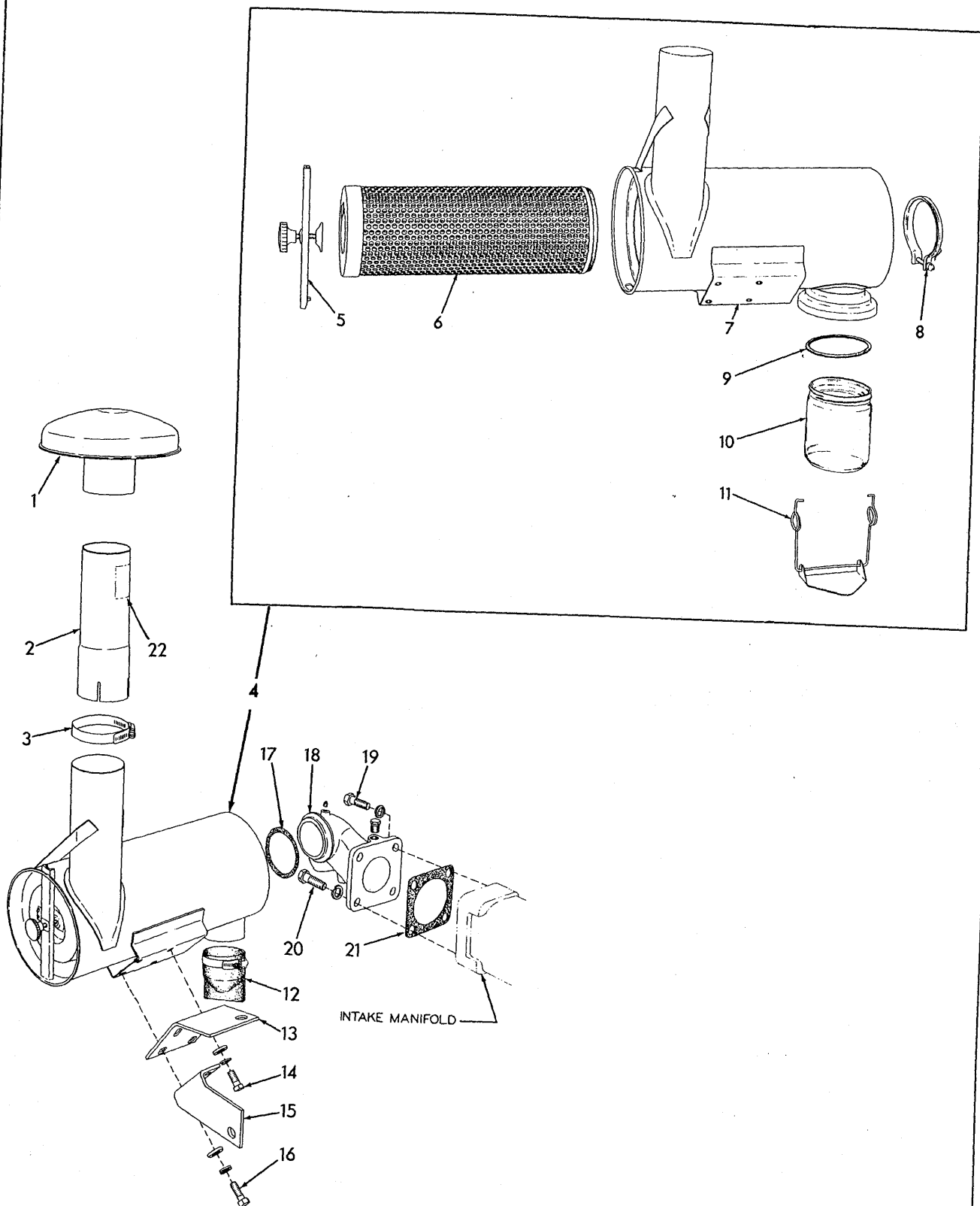
AIR CLEANER (Second type Oil-bath)

USAGE: Optional on Model HD6B effective October 1966. Standard equipment on Model HD6E tractors serial No. 14484 thru No. 15530; optional thereafter.

* Model HD6B
** Model HD6E

ITEM	PART NO.	QTY. * **	DESCRIPTION
<u>NOTE:</u> See following pages for dry type Air Cleaners			
1	044961	- 1	PRE-CLEANER ASSEMBLY, air ("United." See page 92 for parts) (Used prior to September 1966)
	655289	1 1	PRE-CLEANER ASSEMBLY, air ("Donaldson." See page 93 for parts)
2	085999	- 1	CLEANER ASSEMBLY, air ("United." See page 92 for parts) (Used prior to September 1966)
	655290	1 1	CLEANER ASSEMBLY, air ("Donaldson." See page 93 for parts)
3	656568	1 -	HOSE, cleaner to manifold
	628210	- 1	HOSE, cleaner to manifold
	921915	4 2	CLAMP, hose, adjustable, 2-13/16" to 3-3/4" diam.
	921916	- 2	CLAMP, hose, adjustable, 3-13/16" to 4-3/4" diam.
4	634024	1 -	ELBOW, air intake
	622432	- 1	ELBOW, air intake (Also see page 105 for special elbow used with AIR HEATER)
	919134	1 1	PLUG, pipe, hex-hd., 1/8"NPT
	919840	1 1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when ENGINE PRIMER is installed)
5	035733	2 4	CAPSCREW, 1/2"NC x 1-3/8"
	045253	2 -	CAPSCREW, 1/2"NC x 3-3/4"
	904208	4 4	LOCKWASHER, 1/2"
6	084868	1 1	GASKET, air intake elbow
7	086239	2 2	BAND, air cleaner mounting
8	086238	2 2	CAPSCREW, air cleaner mounting band
9	053667	2 2	SPACER, mounting band capscREW
10	050735	2 2	PIN, mounting band (short)
11	085973	1 1	PIN, mounting band
	900805	1 1	PIN, cotter, 1/8" x 3/4"
12	085974	1 1	PIN, mounting band (long)
	900807	1 1	PIN, cotter, 1/8" x 1-1/4"
13	628048	1 1	SADDLE, air cleaner
14	036034	4 4	CAPSCREW, 3/8"NF x 1" (Early units)
	916271	4 4	CAPSCREW, 3/8"NC x 1" (Late units)
15	904206	4 4	LOCKWASHER, 3/8"
	044973	4 4	WASHER, plain

NOTE: See PAINTING AND MARKING for instruction transfers applied to air cleaners



AIR CLEANER (Dry-type for Models HD6A, B, E)

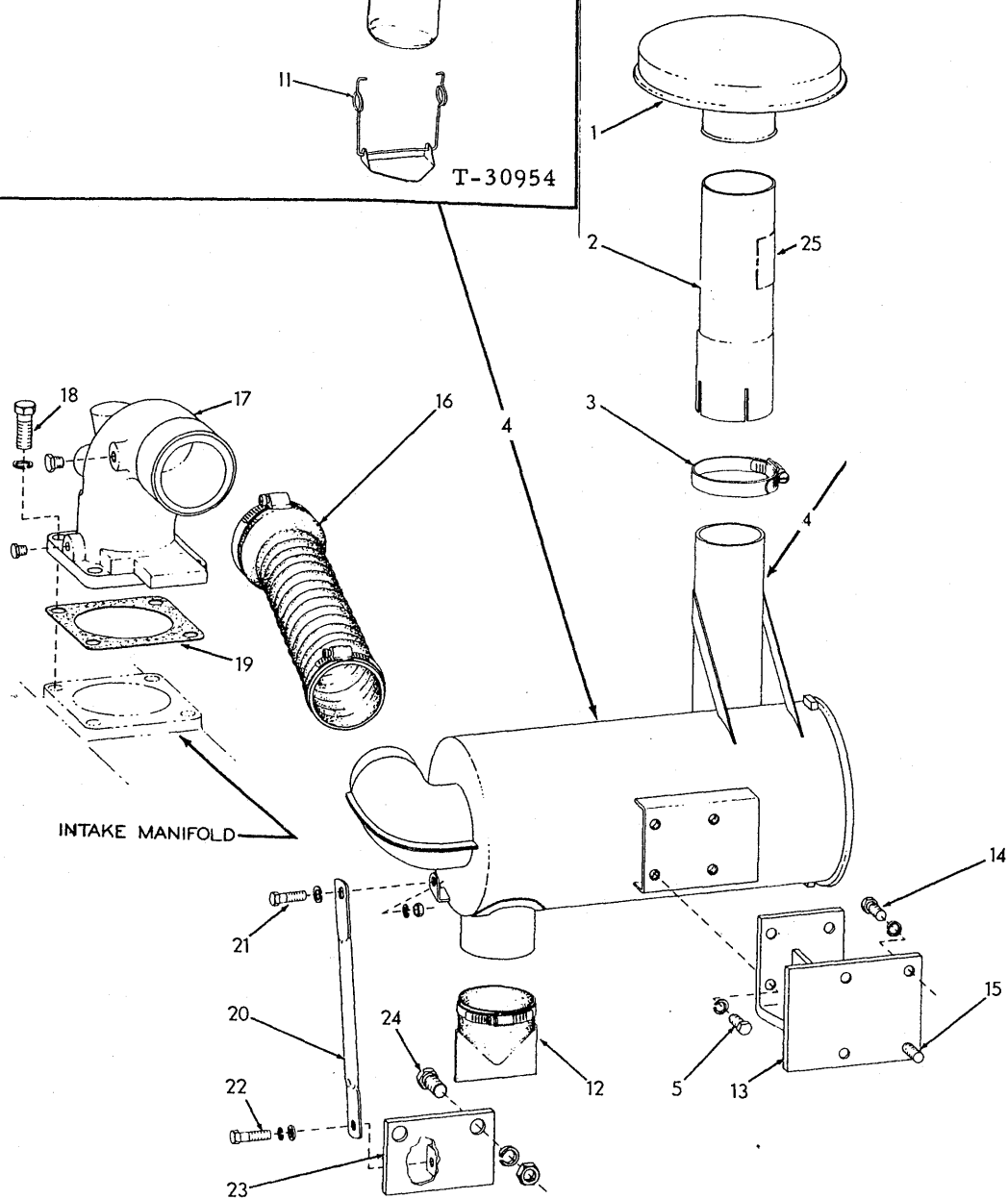
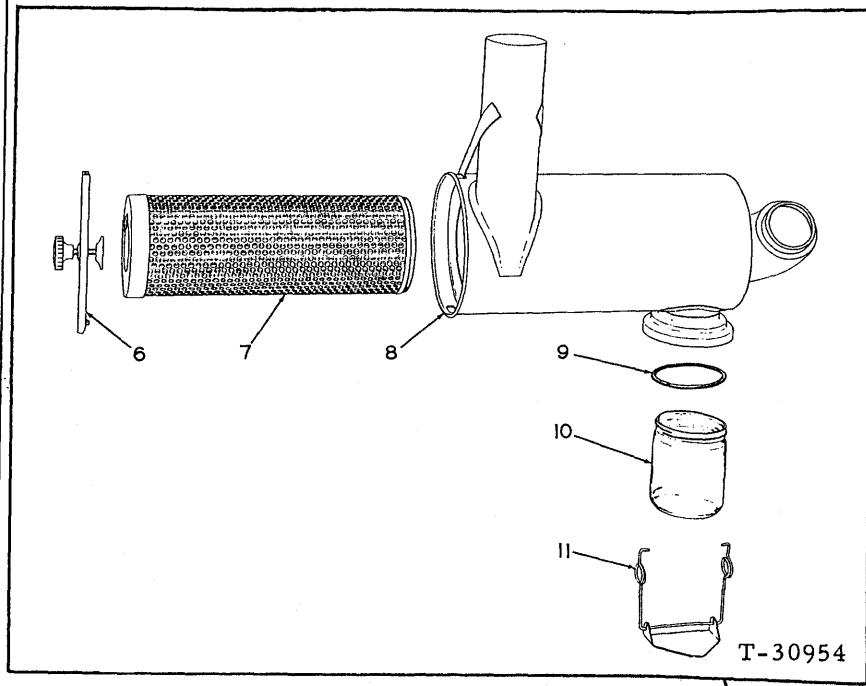
T-30953

AIR CLEANER (Dry-type)

USAGE: Standard equipment on Model HD6A, B tractors serial No. 15520 and up. Optional on prior units, including Model HD6E tractors prior to serial No. 14484. Not used on units equipped with turbocharger.

ITEM	PART NO.	QTY.	DESCRIPTION
1	623683	1	CAP, weather
2	623675	1	TUBE, air inlet
3	921914	1	CLAMP, air inlet tube
4	-----	1	CLEANER ASSEMBLY, air (Items 5 thru 11)(Used prior to January 1962. Order CLEANER ASSEMBLY 631816 and item 12)
	631816	1	CLEANER ASSEMBLY, air (Items 5 thru 12)(Effective January 1962)
5	624077	1	BAR ASSEMBLY, element retaining (Serviced only as a unit)
6	235449	1	ELEMENT ASSEMBLY, filter (Serviced only as a unit)
7	-----	-	BODY (Not serviced separately)
8	624081	1	CLAMP ASSEMBLY (Serviced only as a unit)
9	-----	1	GASKET, dust jar
10	-----	1	JAR, dust (glass)
11	-----	1	BAIL ASSEMBLY, jar retaining
12	631782	1	UNLOADER, sediment (Effective January 1962)
	921914	1	CLAMP, hose, adjustable, 2-5/16" to 3-1/4" diam.
13	623671	1	BRACKET, mounting
14	916382	2	CAPSCREW, 3/8"NF x 7/8"
	904206	2	LOCKWASHER, 3/8"
	090090	2	WASHER, plain
15	623684	1	BRACKET, attaching
16	916225	2	CAPSCREW, 3/8"NF x 1"
	904206	2	LOCKWASHER, 3/8"
	090090	2	WASHER, plain
17	648177	1	GASKET, air cleaner to elbow
18	623673	1	ELBOW, air intake (Also see page 103 for elbow used with AIR HEATER)
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when engine primer is installed)
	919134	2	PLUG, pipe, hex-hd., 1/8"NPT (1 less used when air restriction indicator is installed)
19	915987	2	CAPSCREW, 1/2"NC x 1-1/2"
20	916313	2	CAPSCREW, 1/2"NC x 1-3/4" (Also attaches throttle control bracket)
	904208	4	LOCKWASHER, 1/2"
21	086757	1	GASKET, elbow to manifold
22	-----	1	TRANSFER (See PAINTING AND MARKING)

Used prior to January 1962. Order item 12



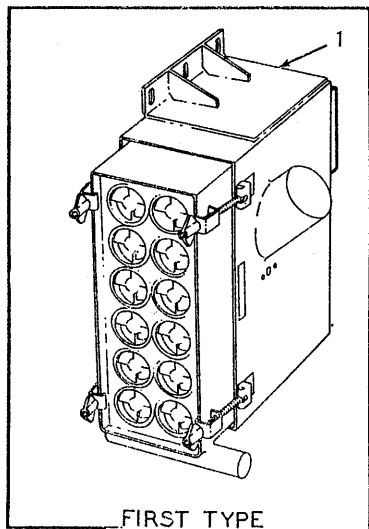
AIR CLEANER (Dry-Type for Model HD6E only)

AIR CLEANER (Dry-type)

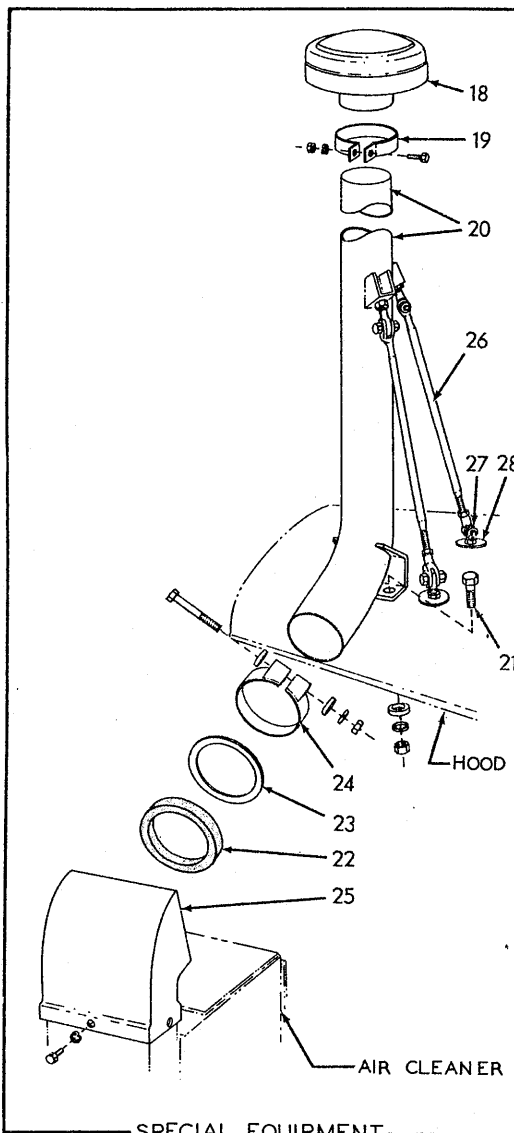
USAGE: Optional equipment on Model HD6E tractors serial No. 14484 thru No. 15530; standard equipment thereafter except on units equipped with special turbocharger. See page 78 for optional oil-bath cleaner.

ITEM	PART NO.	QTY.	DESCRIPTION
1	623683	1	CAP, rain
2	623675	1	TUBE, air inlet
3	921914	1	CLAMP, air inlet tube
4	-----	1	CLEANER ASSEMBLY, air (Items 6 thru 11)(Used prior to January 1962. Order CLEANER ASSEMBLY 633139 and item 12)
	633139	1	CLEANER ASSEMBLY, air (Items 6 thru 12)(Effective January 1962)
5	916225	4	CAPSCREW, 3/8"NF x 1"
	904206	4	LOCKWASHER, 3/8"
6	624077	1	BAR ASSEMBLY, element retaining (Serviced only as a unit)
7	235449	1	ELEMENT ASSEMBLY, filter (Serviced only as a unit)
8	-----	1	BODY (Not serviced separately)
9	-----	1	GASKET, dust jar
10	-----	1	JAR, dust (glass)
11	-----	1	BAIL ASSEMBLY, jar retaining
12	631782	1	UNLOADER, sediment (Effective January 1962)
	921914	1	CLAMP, hose, 2-5/16" to 3-1/4" diam.)
13	628337	1	BRACKET, mounting
14	916271	2	CAPSCREW, 3/8"NC x 1"
15	916272	2	CAPSCREW, 3/8"NC x 1-1/4" (Also attaches generator regulator bracket)
	904206	4	LOCKWASHER, 3/8"
16	628211	1	HOSE, corrugated
	921916	1	CLAMP, hose, 3-13/16" to 4-3/4" diam. (front)
	921915	1	CLAMP, hose, 2-13/16" to 3-3/4" diam. (rear)
17	622432	1	ELBOW, air intake (Also see page 105 for elbow used with Air Heater)
	919840	1	PLUG, pipe, hex-hd., 1/4"NPT (Not used when Engine Primer is installed)
	919134	1	PLUG, pipe, hex-hd., 1/8"NPT (Not used when air restriction indicator is installed)
18	919230	4	CAPSCREW, 1/2"NC x 1-3/8"
	904208	4	LOCKWASHER, 1/2"
19	084868	1	GASKET, elbow to manifold
20	633138	1	BRACE, air cleaner (Effective with tractor #16007)
21	916271	1	CAPSCREW, 3/8"NC x 1"
22	919224	1	CAPSCREW, 3/8"NC x 1-1/8"
	904206	2	LOCKWASHER, 3/8"
	044973	2	WASHER, plain
	911041	1	NUT, 3/8"NC
23	633824	1	BRACKET, air cleaner brace (Effective with tractor #16007)
24	916310	2	CAPSCREW, 1/2"NC x 1"
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
25	-----	1	TRANSFER (See PAINTING AND MARKING)

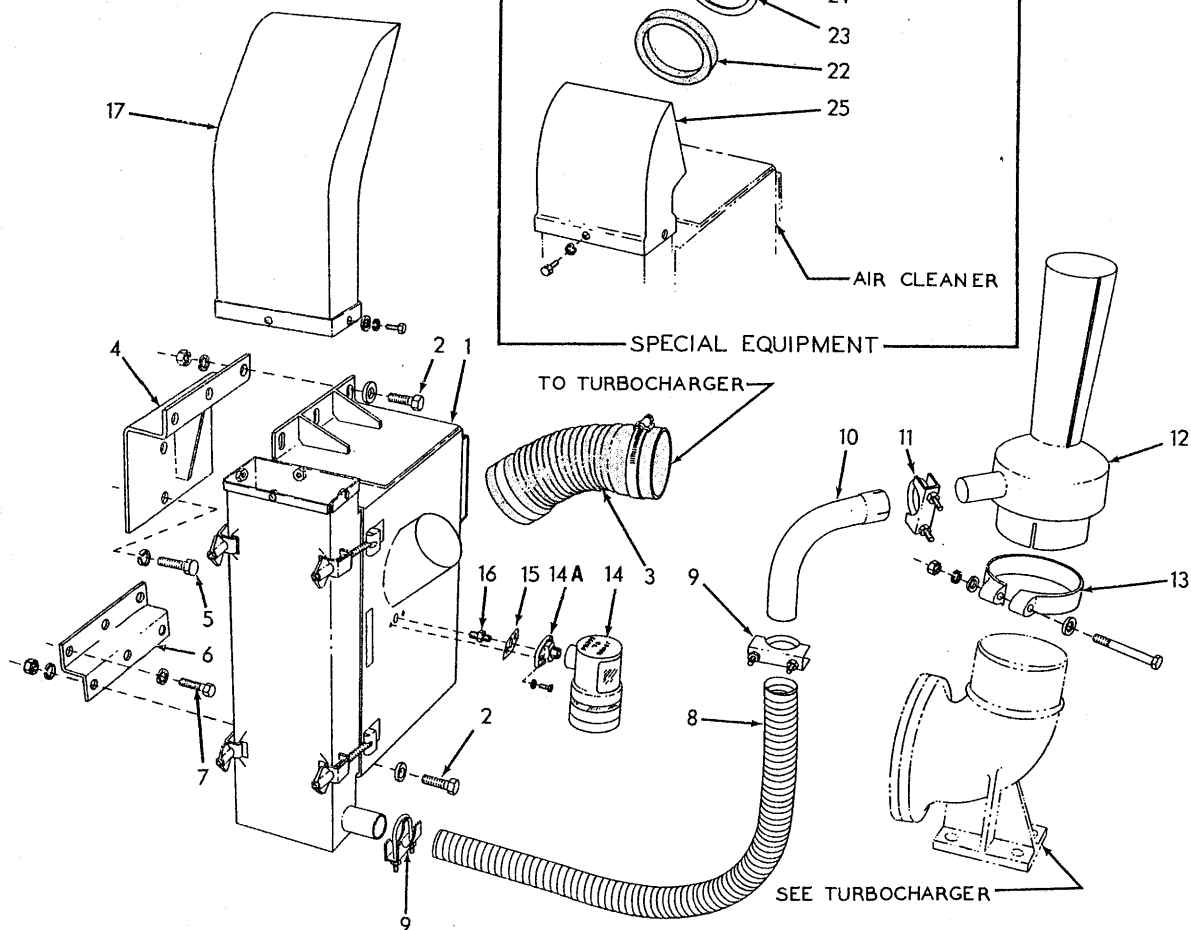
Used prior to January 1962.
Order item 12



FIRST TYPE
AIR CLEANER



SPECIAL EQUIPMENT



AIR CLEANER (Turbocharged units)

T-70470

AIR CLEANER (Turbocharged units)

USAGE: Turbocharged units. Standard on Model HD6AG tractors prior to No. 21212 excluding Nos. 21146, 21155, 21168, 21179, 21190, 21201.

* Tractors prior to serial No. 19568

** Tractors serial No. 19568 and up

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
1	{ 643919	1	-	CLEANER ASSY., air	} See page 94 for parts
	{ 651139	-	1	CLEANER ASSY., air	
2	915987	6	6	CAPSCREW, 1/2"NC x 1-1/2"	
	064531	6	6	WASHER, plain	
	904208	6	6	LOCKWASHER, 1/2"	
	911028	6	6	NUT, 1/2"NC	
3	643907	1	1	HOSE, air cleaner to turbocharger	
	921915	2	2	CLAMP, hose, 2-13/16" to 3-3/4" diam.	
4	643956	1	1	BRACKET, mounting, upper	
5	916269	4	4	CAPSCREW, 3/8"NC x 7/8"	
	904206	4	4	LOCKWASHER, 3/8"	
6	643931	1	1	BRACKET, mounting, lower	
7	916311	3	3	CAPSCREW, 1/2"NC x 1-1/4"	
	904208	3	3	LOCKWASHER, 1/2"	
8	643911	1	1	HOSE, air cleaner to aspirator	
9	634093	2	2	CLAMP ASSY., aspirator hose (Includes U-bolt, clamp and nuts. Serviced only as a unit)	
10	643928	1	1	ELBOW, aspirator hose	
11	643988	1	1	CLAMP ASSY., aspirator elbow (Includes U-bolt, clamp and nuts. Serviced only as a unit)	
12	634092	1	1	ASPIRATOR	
13	634091	1	1	CLAMP, aspirator	
	919227	1	1	CAPSCREW, 3/8"NC x 3-1/4"	
	044973	2	2	WASHER, plain	
	904206	1	1	LOCKWASHER, 3/8"	
	911026	1	1	NUT, 3/8"NC	
14	4388648	1	1	INDICATOR, air restriction	
14A	3045531	1	1	FLANGE, indicator mounting	
	624163	2	2	CAPSCREW, nylok, 1/4"NC x 5/8"	
	914686	2	2	WASHER, copper	
15	631563	1	1	GASKET, restriction indicator	
16	622447	1	1	FITTING, safety	
17	650895	-	1	ADAPTER, air intake	
	915343	-	4	CAPSCREW, 1/4"NC x 5/8"	
	904204	-	4	LOCKWASHER, 1/4"	

(Continued)

AIR CLEANER (Turbocharged Units)(Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
				<u>NOTE:</u> Following items are Special Equipment
18	655061	-	1	CAP ASSY. (Includes item 19)
19	921916	-	1	CLAMP, tube cap
20	650500	-	1	TUBE, extension
21	070469	-	2	CAPSCREW, 1/2"NF x 1-1/4"
	064531	-	2	WASHER, plain
	904208	-	2	LOCKWASHER, 1/2"
	911043	-	2	NUT, 1/2"NF
22	650485	-	1	GASKET, extension pipe
23	650486	-	1	WASHER, extension pipe gasket
24	634091	-	1	CLAMP, gasket
	920613	-	1	CAPSCREW, 3/8"NF x 3"
	900817	-	2	WASHER, plain, U.S. std., 3/8"
	904206	-	1	LOCKWASHER, 3/8"
	911041	-	1	NUT, 3/8"NF
25	647896	-	1	ADAPTER, air intake (Replaces item 17)
	047478	-	4	CAPSCREW, 1/4"NC x 5/8"
	904204	-	4	LOCKWASHER, 1/4"
	911114	-	4	WASHER, plain, SAE std., 1/4"
26	648988	-	2	ROD, tube bracing
	911043	-	2	NUT, 1/2"NF
	917666	-	2	YOKE, rod end, adjustable, 1/2"NF
	912192	-	4	CAPSCREW, 1/2"NF x 1-3/4"
	038234	-	4	NUT, high, 1/2"NF
27	067902	-	4	BOLT, eye
	911043	-	8	NUT, 1/2"NF
28	085453	-	4	WASHER, hood reinforcing

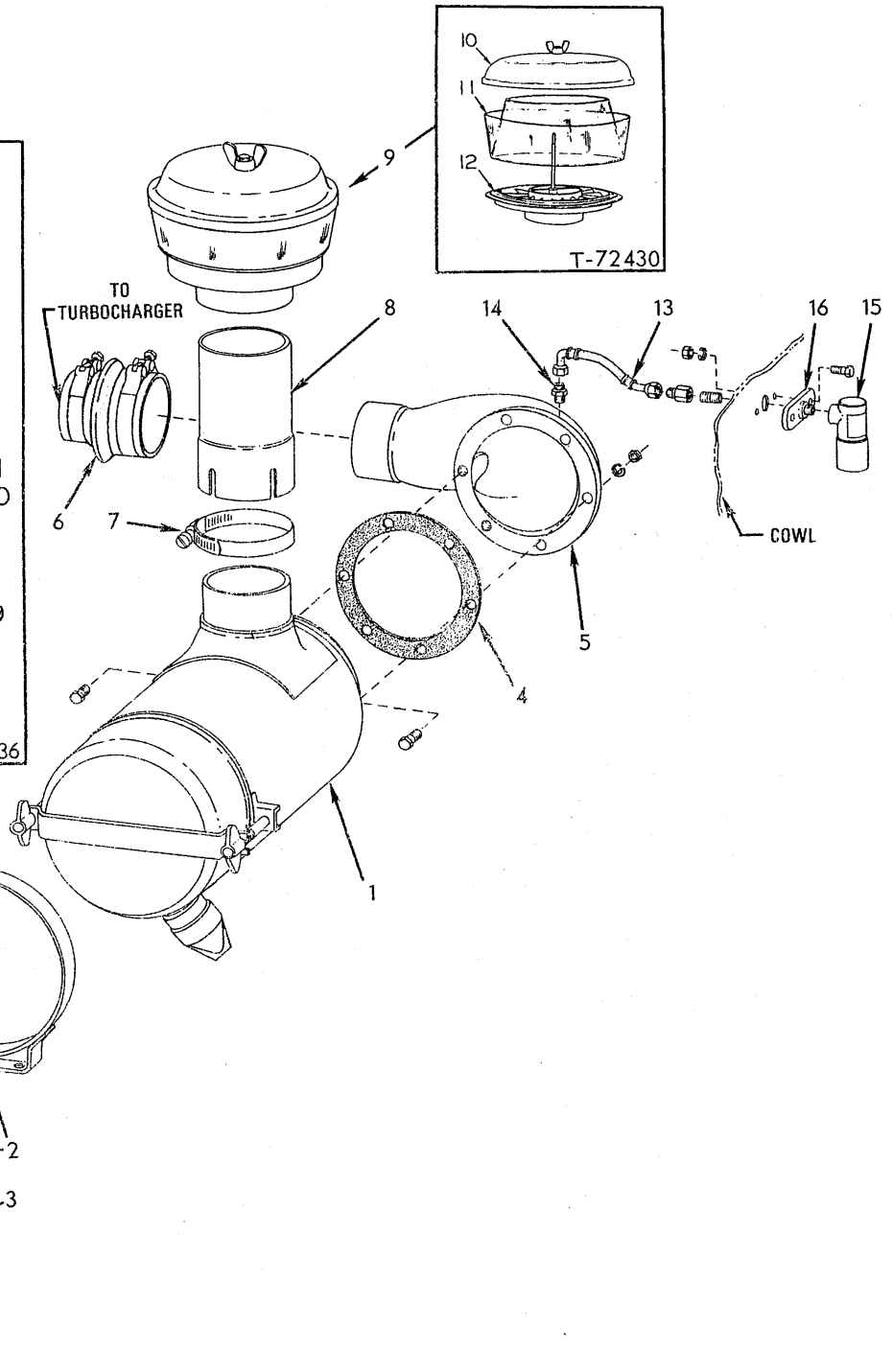
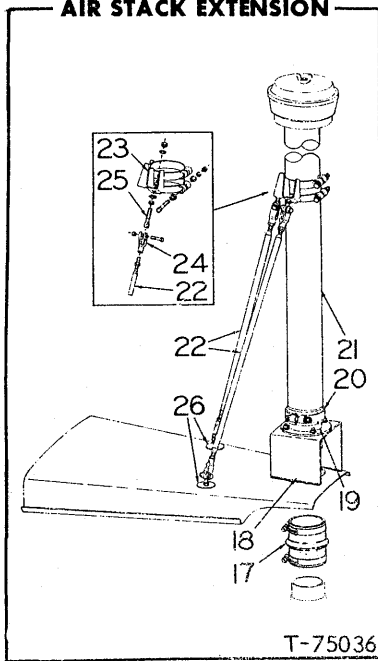
AIR CLEANER (HD6AG)

USAGE: Model HD6AG tractors serial No. 21212 and up including Nos. 21146, 21155, 21168, 21179, 21190, 21201.

ITEM	PART NO.	QTY.	DESCRIPTION
1	666432	1	CLEANER ASSEMBLY, air (See page 95 for parts)
2	3026368	2	BAND ASSEMBLY, mounting (Includes clamp bolt)
	916269	4	CAPSCREW, 3/8"NC x 7/8"
	911115	4	WASHER, plain, SAE std., 3/8"
	904206	4	LOCKWASHER, 3/8"
	911026	4	NUT, 3/8"NC
3	666619	1	ANGLE, mounting
	916272	4	CAPSCREW, 3/8"NC x 1-1/4"
	904206	4	LOCKWASHER, 3/8"
	911115	4	WASHER, plain, SAE std., 3/8"
4	658759	1	GASKET, air outlet elbow
5	658504	1	ELBOW, air cleaner outlet
	916271	2	CAPSCREW, 3/8"NC x 1"
	916272	4	CAPSCREW, 3/8"NC x 1-1/4"
	904206	6	LOCKWASHER, 3/8"
	911026	4	NUT, 3/8"NC
6	654187	1	HOSE, outlet elbow
	4255454	1	CLAMP, hose (large)
	925262	1	CLAMP, hose (small)
7	921916	1	CLAMP, air inlet tube
8	7556533	1	TUBE, air inlet
9	655272	1	PRE-CLEANER ASSEMBLY (Items 10 thru 12)
10	651268	1	COVER, air pre-cleaner
11	651270	1	BOWL, sediment, air pre-cleaner (clear plastic)
12	650386	1	SLEEVE ASSEMBLY, air pre-cleaner (Includes stud)
13	658427	1	HOSE, air restriction indicator (See HOSE PARTS)
	919174	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
	904273	1	NIPPLE, pipe, 1/8"NPT x 1"
14	631769	1	FITTING, safety (Includes filter)
15	4388648	1	INDICATOR, air restriction (Serviced only as a unit)
16	3045531	1	FLANGE, mounting, air restriction indicator
	923341	2	CAPSCREW, cd-pltd., 1/4"NC x 3/4"
	904204	2	LOCKWASHER, 1/4"
	911024	2	NUT, 1/4"NC

(Continued)

AIR STACK EXTENSION



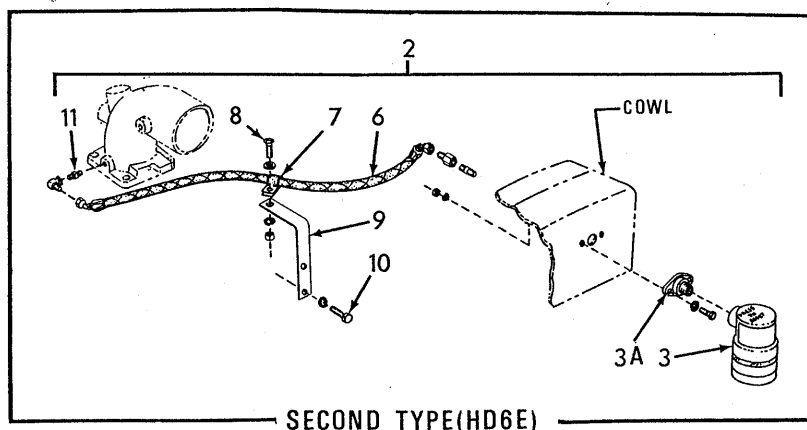
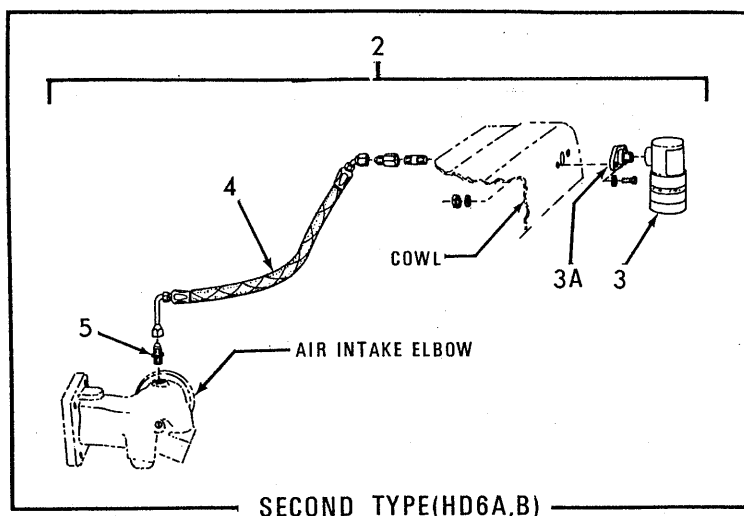
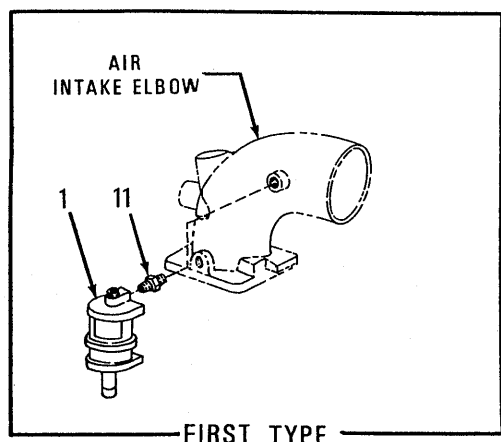
AIR CLEANER (HD-6AG)

T- 75013

AIR CLEANER (Continued)

("Donaldson")

ITEM	PART NO.	QTY.	DESCRIPTION
<u>NOTE:</u> Items listed below are special equipment.			
17	658396	1	HOSE, adapting tube
	921919	2	CLAMP, hose, 4-5/8" to 7-1/4" diam.
18	658406	1	BRACKET, adapting tube (Requires welding to hood)
19	658403	1	TUBE, adapting
	916271	4	CAPSCREW, 3/8"NC x 1"
	911115	8	WASHER, plain, SAE std., 3/8"
	904206	4	LOCKWASHER, 3/8"
	911026	4	NUT, 3/8"NC
20	658404	1	CLAMP, extension
	919227	1	CAPSCREW, 3/8"NC x 3-1/4"
	044973	2	WASHER, plain
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC
21	658425	1	TUBE, extension
22	665606	2	ROD, tube bracing
	911041	4	NUT, 3/8"NF
23	658395	1	BRACKET, bracing rod
	919227	2	CAPSCREW, 3/8"NC x 3-1/4"
	044973	4	WASHER, plain
	904206	2	LOCKWASHER, 3/8"
	911026	2	NUT, 3/8"NC
24	628736	4	YOKE, bracing rod
	916383	4	CAPSCREW, 3/8"NF x 1-1/2"
	913434	4	NUT, high, 3/8"NF
25	057148	4	EYE-BOLT, bracing rod
	911041	8	NUT, 3/8"NF
	911115	4	WASHER, plain, SAE std., 3/8"
26	665609	4	WASHER, plain, lower eye-bolt



AIR RESTRICTION INDICATOR

USAGE: Special equipment. For use with dry-type Air Cleaner only. See pages 85 and 87 if unit equipped with turbocharger.

- * First type. Mounted on Air Intake elbow
- ** Second type. Remote-mounted (Models HD6A, B)
- *** Second type. Remote-mounted (Models HD6E)

ITEM	PART NO..	QUANTITY			DESCRIPTION
		*	**	***	
1	-----	1	-	-	INDICATOR ASSY. (Order item 2)
2	631919	-	1	-	INDICATOR KIT (Consists of items 3 thru 5)
	631917	-	-	1	INDICATOR KIT (Consists of items 3, 3A, and 6 thru 11)
3	631564	-	1	1	INDICATOR only
3A	3045531	-	1	1	FLANGE, indicator mounting
	923341	-	2	2	CAPSCREW, 1/4"NC x 3/4"
	904204	-	2	2	LOCKWASHER, 1/4"
	911024	-	2	2	NUT, 1/4"NC
4	646843	-	1	-	HOSE (See HOSE PARTS)
	919174	-	1	-	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
	904273	-	1	-	NIPPLE, pipe, 1/8"NPT x 1"
5	631769	-	1	-	FITTING, safety (Includes filter)

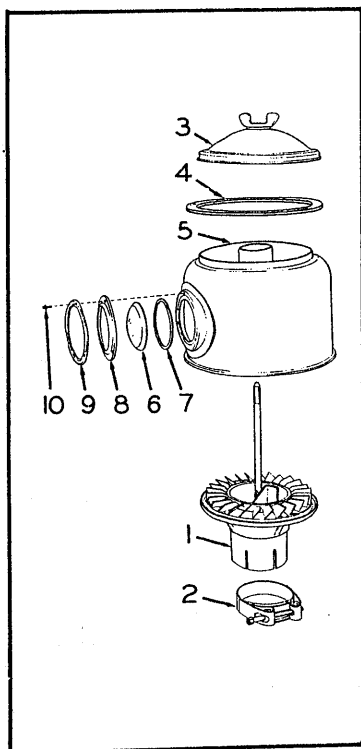
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AIR RESTRICTION INDICATOR (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
6	646842	-	-	1	HOSE (See HOSE PARTS)
	919174	-	-	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
	919249	-	-	1	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT female
	904273	-	-	1	NIPPLE, pipe, 1/8"NPT x 1"
7	644006	-	-	1	CLIP, hose supporting
8	915408	-	-	1	CAPSCREW, 3/8"NC x 3/4"
	911115	-	-	1	WASHER, plain, SAE std., 3/8"
	904206	-	-	1	LOCKWASHER, 3/8"
	911026	-	-	1	NUT, 3/8"NC
9	632058	-	-	1	ANGLE, hose supporting
10	916225	-	-	2	CAPSCREW, 3/8"NF x 1"
	904206	-	-	2	LOCKWASHER, 3/8"
11	622447	1	-	1	FITTING safety (Includes filter)

AIR PRE-CLEANER ASSEMBLY 044961("United")

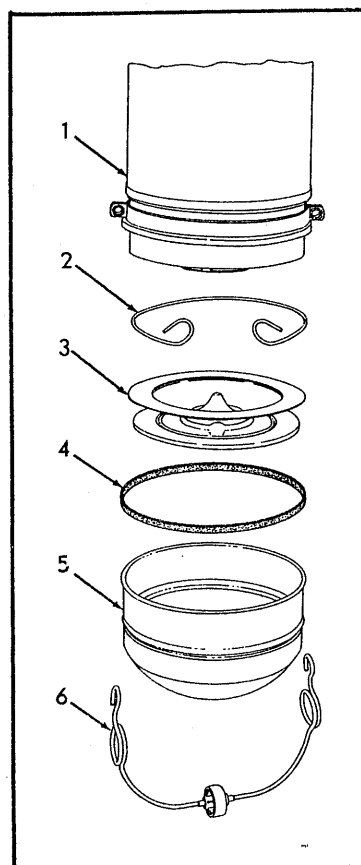
USAGE: See page 76 and 79



ITEM	PART NO.	QTY.	DESCRIPTION
1	044252	1	BODY
2	065412	1	CLAMP ASSEMBLY (Includes screw and nut)
3	044255	1	CAP ASSEMBLY (Includes wing nut)
4	044256	1	GASKET, cap
5	044918	1	SHELL ASSEMBLY (Includes items 6 thru 10)
6	043860	1	GLASS, shell window
7	043852	1	GASKET, shell window glass
8	043853	1	RETAINER, shell window glass
9	043991	1	RING, shell window glass retainer
10	043856	3	SCREW ASSEMBLY (Includes lock-washer)

AIR CLEANER ASSEMBLY 085999 ("United")

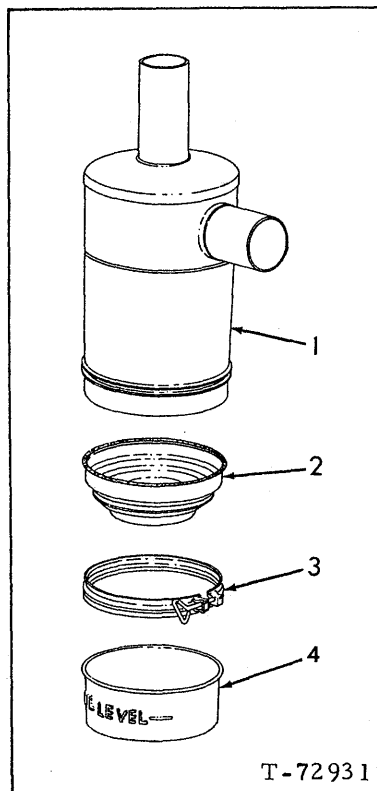
USAGE: See page 76 and 79



1	-----	1	BODY (Not serviced)
2	041866	1	RING, baffle retaining
3	088080	1	BAFFLE, oil
4	041869	1	GASKET, oil cup
5	088081	1	CUP, oil
6	041868	1	BAIL ASSEMBLY, oil cup (Includes roller)

AIR CLEANER ASSEMBLY 655290 ("Donaldson")

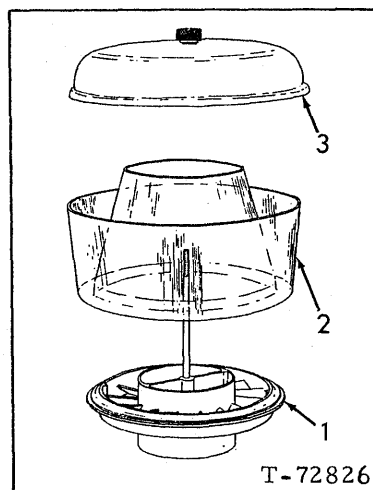
USAGE: See page 79



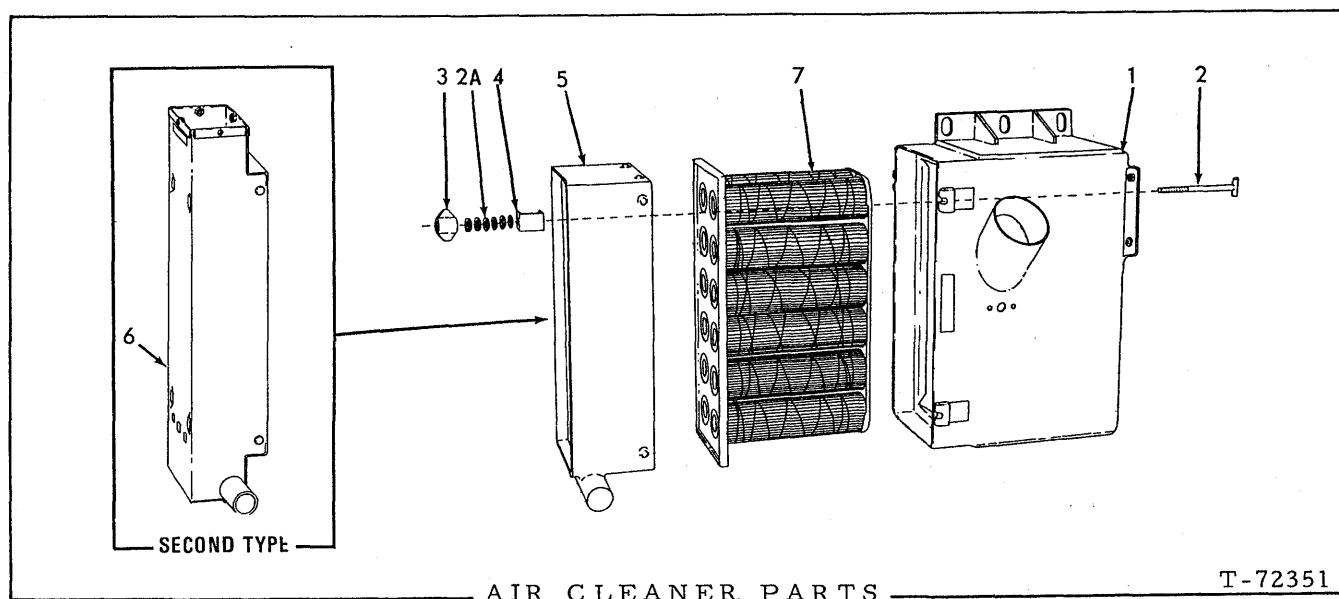
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	BODY (Not serviced separately)
2	4056634	1	CUP, inner
3	239625	1	CLAMP ASSY. (Includes screw)
4	4056635	1	CUP, outer

AIR PRE-CLEANER ASSEMBLY 655289 ("Donaldson")

USAGE: See page 79



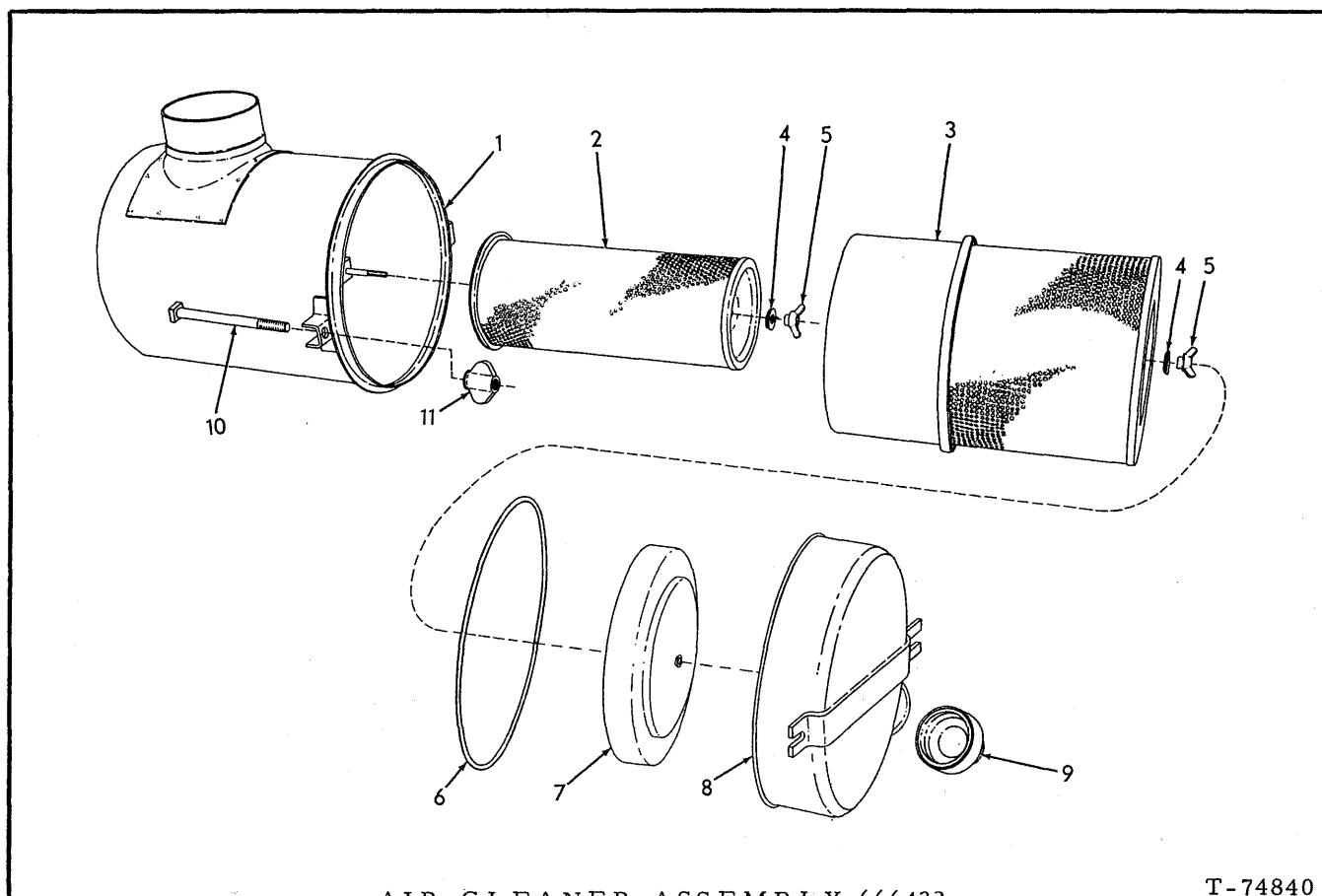
ITEM	PART NO.	QTY.	DESCRIPTION
1	657284	1	SLEEVE ASSY. (Includes stud)
2	629117	1	BOWL
3	629118	1	COVER ASSY. (Includes nut)



USAGE: See page 85

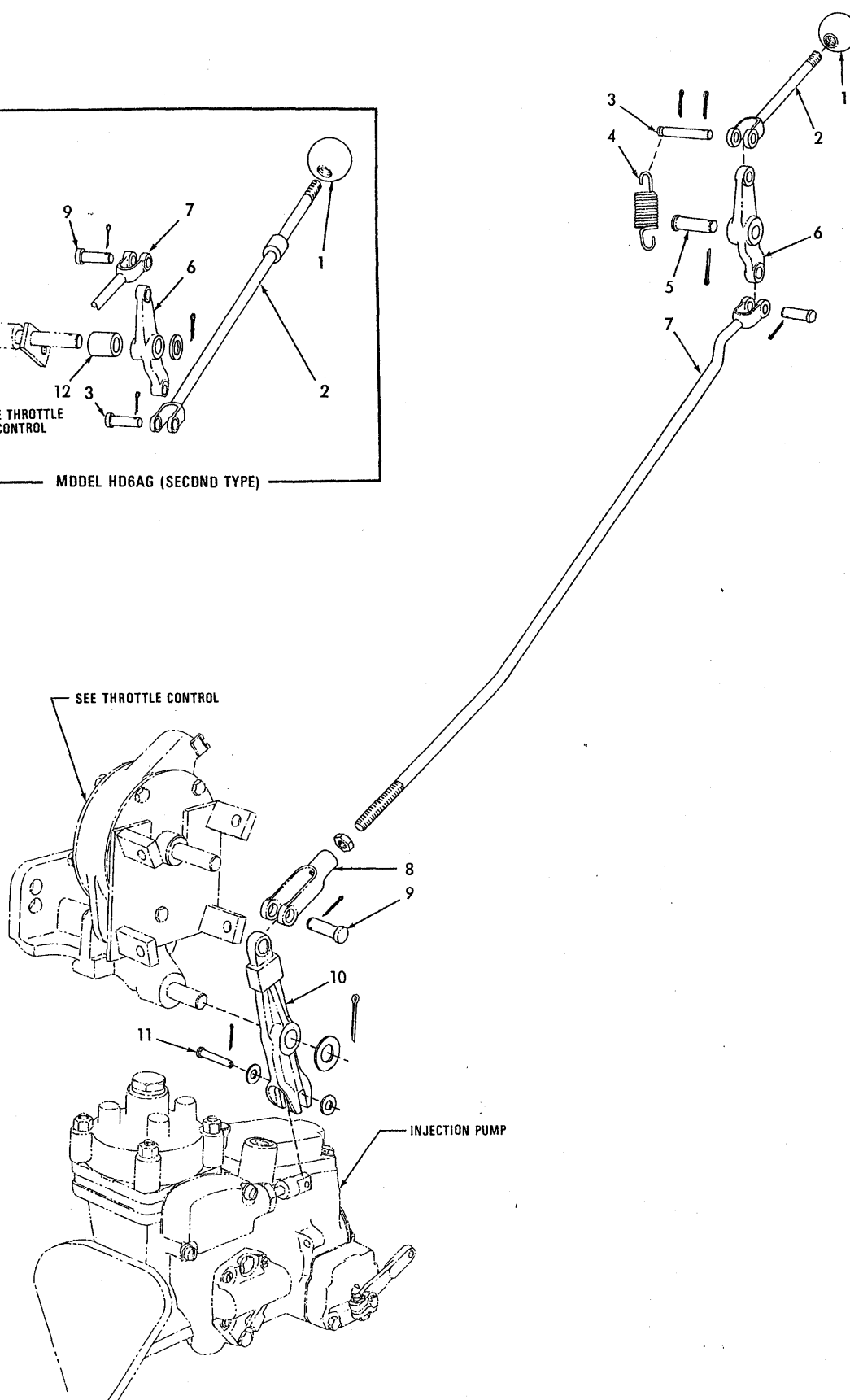
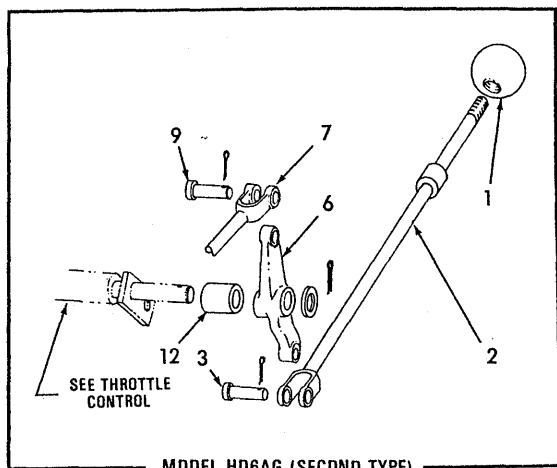
* AIR CLEANER ASSEMBLY 643919
 ** AIR CLEANER ASSEMBLY 651139

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	645899	1	1	HOUSING ASSY., air cleaner (Includes items 2, 3 and 4)
2	196663	4	4	T-BOLT, pre-cleaner retaining
2A	659195	24	24	WASHER, spring, pre-cleaner bolt, 5/16"
3	056863	4	4	NUT, wing, pre-cleaner bolt
4	196662	4	4	HOOK, pre-cleaner retaining
5	645894	1	-	PANEL, pre-cleaner
6	650932	-	1	PANEL, pre-cleaner
7	638731	1	1	CARTRIDGE, filter



USAGE: See page 87

ITEM	PART NO.	QTY.	DESCRIPTION	
1	-----	1	BODY (Not serviced separately)	
2	662608	1	ELEMENT ASSEMBLY, safety (inner)	} Each includes item 4
3	654409	1	ELEMENT ASSEMBLY, main (outer)	
4	-----	2	GASKET, element retaining nut	
5	239517	2	NUT ASSEMBLY, element retaining (Includes item 4)	
6	244734	1	O-RING, cup sealing	
7	646860	1	BAFFLE ASSEMBLY (Includes wing nut)	
8	666484	1	CUP, sediment	
9	3042943	1	VALVE, unloading	
10	666481	2	BOLT, cup retaining	
11	056863	2	NUT, cup retaining	



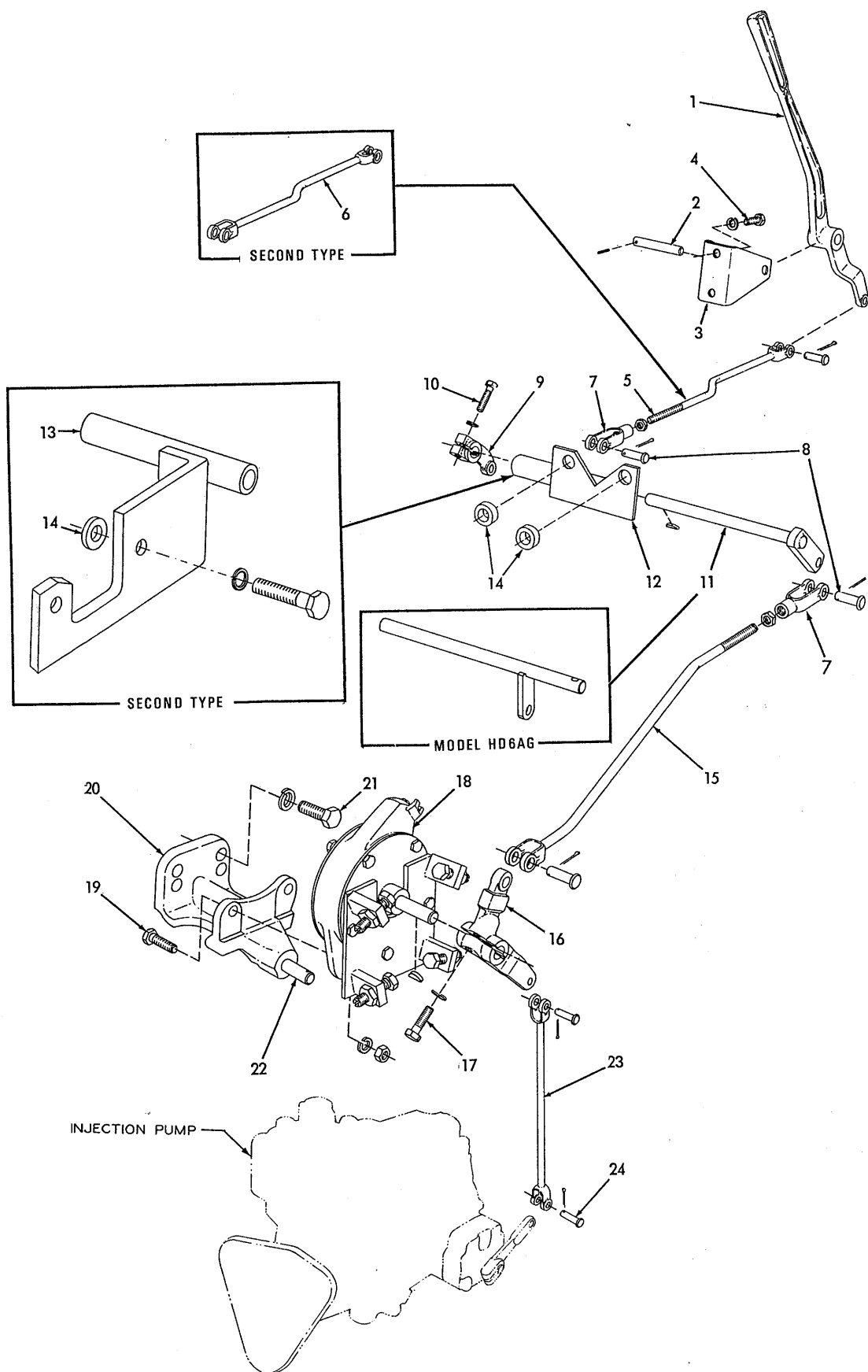
ENGINE SHUT-OFF CONTROL

T-19582

ENGINE SHUT-OFF CONTROL

* Models HD6A, B, E; also HD6AG tractors prior to serial
No. 21212, excluding Nos. 21146, 21155, 21168, 21179, 21190, 21201
** Model HD6AG tractors serial No. 21212 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	659075	1	1	KNOB
2	094289	1	-	ROD, rear
	639220	-	1	ROD, rear
3	088566	1	-	PIN, rear rod
	078810	-	1	PIN, rear rod
	900942	2	1	PIN, cotter, 3/32" x 5/8"
4	088428	1	-	SPRING, bellcrank
5	098813	1	-	PIN, bellcrank pivot
	910967	1	-	PIN, cotter, 1/8" x 7/8"
6	094285	1	1	BELLCRANK, rear
	910244	-	1	WASHER, plain, SAE std., 1/2"
	900806	-	1	PIN, cotter, 1/8" x 1"
7	620390	1	-	ROD, front (Models HD6A, B; also Model HD6E tractors prior to #14484)
	628209	1	-	ROD, front (Model HD6AG; also HD6E tractors #14484 and up)
	666477	-	1	ROD, front
	911041	1	1	NUT, 3/8"NF
8	628736	1	1	YOKE, front rod
9	078810	2	2	PIN, front rod yoke
	900942	2	2	PIN, cotter, 3/32" x 5/8"
10	094987	1	1	BELLCRANK, front
	910244	1	1	WASHER, plain, SAE std., 1/2"
	910967	1	1	PIN, cotter, 1/8" x 7/8"
11	088470	1	1	PIN, front bellcrank
	911114	2	2	WASHER, plain, SAE std., 1/4"
	900970	1	1	PIN, cotter, 1/16" x 1/2"
12	097413	-	1	BLOCK, spacing, rear bellcrank



T-19583

THROTTLE CONTROL

THROTTLE CONTROL

* Models HD6A, B; also HD6E tractors prior to serial No. 14484
 ** Model HD6AG; also model HD6E tractors serial No. 14484 and up.

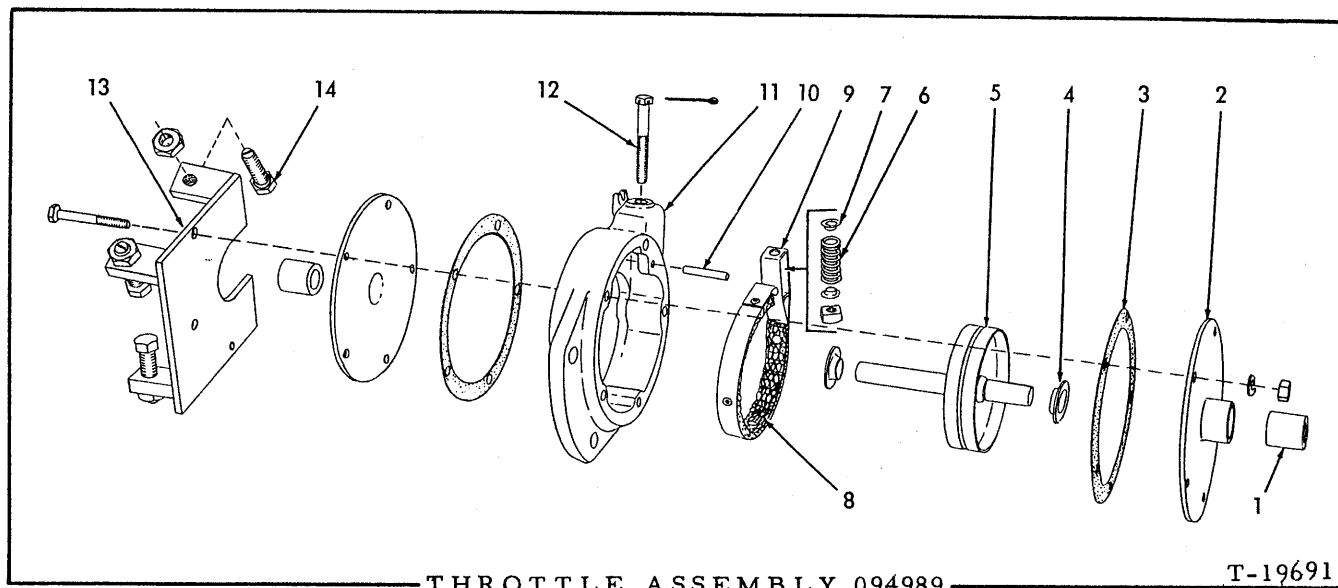
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	094996	1	1	LEVER, operating
2	095435	1	1	SHAFT, operating lever
	918111	1	1	PIN, spring 1/8" x 1"
3	094993	1	1	BRACKET, operating lever
4	916271	2	2	CAPSCREW, 3/8"NC x 1"
	904206	2	2	LOCKWASHER, 3/8"
5	094995	1	-	ROD, rear (Used with oil-bath air cleaner)
	631589	-	1	ROD, rear
	911041	1	1	NUT, 3/8"NF
6	623676	1	-	ROD, rear (Used with dry-type air cleaner)
7	628736	2	2	YOKE, control rod (1 less used with ROD 623676)
8	078810	4	4	PIN, rear rod yoke
	900942	4	4	PIN, cotter, 3/32" x 5/8"
9	055416	1	1	LEVER, rear rod
	905121	1	1	KEY, #5 woodruff, 1/8" x 5/8"
10	915807	1	1	CAPSCREW, 5/16"NC x 1-1/4"
	904205	1	1	LOCKWASHER, 5/16"
11	094309	1	1	SHAFT, cross (Not for HD6AG tractors #21212 and up, including EXCEPTIONS below)
	639232	-	1	SHAFT, cross (HD6AG tractors #21212 and up, including EXCEPTIONS below)
12	098151	1	-	BRACKET, cross shaft
13	628102	-	1	BRACKET, cross shaft (Not for HD6AG tractors #21212 and up, including EXCEPTIONS below; also for HD6B units with optional "DONALDSON" Oil-Bath Air Cleaner)
	654427	-	1	BRACKET, cross shaft (HD6AG tractors #21212 and up, including EXCEPTIONS below)
	921556	-	2	CAPSCREW, 1/2"NC x 2"
	904208	-	2	LOCKWASHER, 1/2"
14	050679	-	2	SPACER, cross shaft bracket (Model HD6AG)
	910244	2	2	WASHER, plain, SAE std., 1/2"
15	094284	1	1	ROD, front
	911041	1	1	NUT, 3/8"NF
16	094988	1	1	BELLCRANK
	905121	1	1	KEY, #5 woodruff, 1/8" x 5/8"
17	914392	1	1	CAPSCREW, 5/16"NC x 1"
	904205	1	1	LOCKWASHER, 5/16"

(Continued)

THROTTLE CONTROL (Continued)

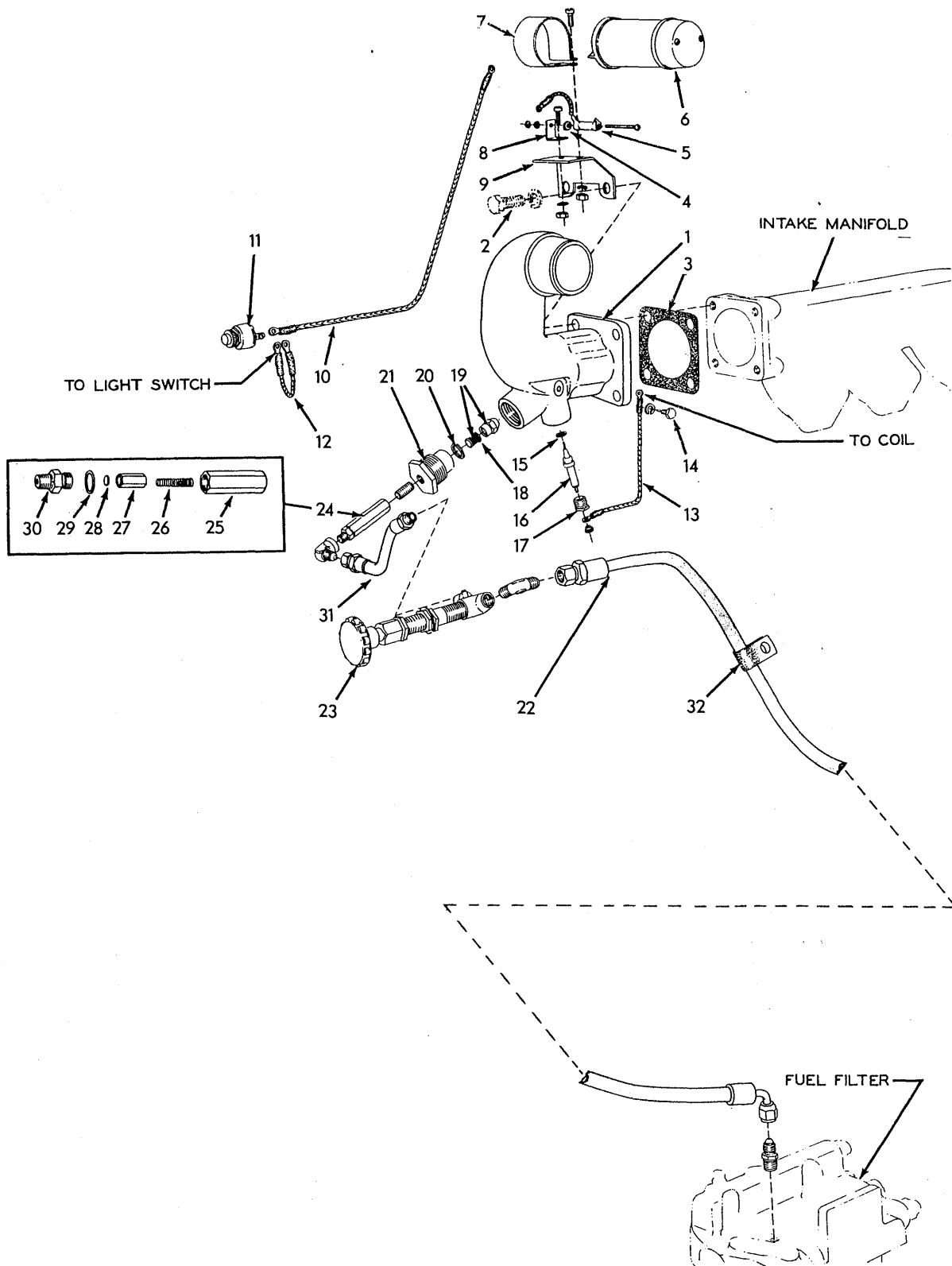
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
18	094989	1	1	THROTTLE ASSY. (See page 101 for parts)
19	919225	2	2	CAPSCREW, 3/8"NC x 1-3/8"
	904206	2	2	LOCKWASHER, 3/8"
	911026	2	2	NUT, 3/8"NC
20	094997	1	1	BRACKET ASSY., throttle supporting (Includes item 22)
21	919230	2	2	CAPSCREW, 1/2"NF x 1-3/8"
	904208	2	2	LOCKWASHER, 1/2"
22	094998	1	1	PIN, throttle bracket
23	094287	1	1	ROD, bellcrank to pump
24	628738	2	2	PIN, rod, lower
	900970	2	2	PIN, cotter, 1/16" x 1/2"

EXCEPTIONS: Serial Nos. 21146, 21155, 21168, 21179, 21190, 21201



USAGE: See page 99

ITEM	PART NO.	QTY.	DESCRIPTION
1	071800	2	BUSHING, throttle shaft
2	068866	2	PLATE ASSEMBLY, housing cover (Includes item 1)
3	068865	2	GASKET, cover plate
4	069996	2	WASHER, thrust
5	069998	1	DRUM AND SHAFT
6	068911	1	SPRING, friction band
7	069349	2	COLLAR, friction band spring
8	068864	1	LINING, friction band
	915707	4	RIVET, tubular, brass, 1/4" x 9/64"
9	068861	1	BAND ASSEMBLY, friction (Includes item 8)
10	068869	1	PIN, friction band
11	068859	1	HOUSING
12	068862	1	CAPSCREW, friction band adjustment
	904020	1	PIN, cotter, 1/16" x 1"
	901150	1	NUT, square, 1/4"NC
13	094990	1	PLATE, stop
	916933	3	CAPSCREW, 1/4"NF x 2"
	914892	2	CAPSCREW, 1/4"NF x 1-3/4"
	904204	5	LOCKWASHER, 1/4"
	911040	5	NUT, 1/4"NF
14	634650	4	CAPSCREW, stop (3/8"NC x 1-1/2")
	911034	4	NUT, jam, 3/8"NC



AIR HEATER (Models HD6A, B, E)

T-27375

AIR HEATER

USAGE: Special equipment for Models HD6A,B: also Model HD6E tractors prior to serial No. 14484. Cannot be installed on units equipped with Engine Primer.

ITEM	PART NO.	QTY.	DESCRIPTION
1	620335	1	ELBOW, air intake (Replaces standard ELBOW 099442 on units equipped with oil-bath air cleaner)
	623742	1	ELBOW, air intake (Replaces standard ELBOW 623673 on units equipped with dry-type air cleaner)
2	-----	4	CAPSCREW
	-----	4	LOCKWASHER
			} See AIR CLEANER
3	086757	1	GASKET, air intake elbow
4	631198	1	WASHER, insulating
5	630830	1	RESISTOR
	915922	1	SCREW, machine, #8-32 x 2-1/4"
	915923	1	LOCKWASHER, external teeth, #8
	907154	1	NUT, #8-32
6	097026	1	COIL, ignition (Serviced only as a unit)
7	631199	1	BRACKET, coil mounting (band type)
	912226	2	SCREW, machine, fil-hd., 1/4"NC x 5/8"
	904204	2	LOCKWASHER, 1/4"
	911024	2	NUT, 1/4"NC
8	630829	1	BRACKET, resistor mounting
	912226	1	SCREW, machine, fil-hd., 1/4"NC x 5/8"
	904204	1	LOCKWASHER, 1/4"
	911024	1	NUT, 1/4"NC
9	095862	1	BRACKET, coil mounting (angle type)
10	629178	1	CABLE, switch to coil (19" long)
11	031337	1	SWITCH, push-button (Includes mounting nut)(Used prior to September 1963)
12	051006	1	CABLE, air heater switch to light switch (4-1/2" long)(Used prior to September 1963)
13	095860	1	CABLE, coil to insulator (high tension)
14	630827	1	SCREW, electrode
	904204	1	LOCKWASHER, 1/4"
15	631566	1	GASKET, insulator
16	631226	1	INSULATOR PACKAGE (Includes terminal nut and item 15)
17	630828	1	NUT, insulator retaining
18	631225	1	STRAINER ASSEMBLY, spray nozzle (1 body and 1 screen)
19	631224	1	NOZZLE ASSEMBLY, spray (Includes item 18)
20	630787	1	WASHER, spray nozzle
21	088038	1	BUSHING, nozzle adapting

(Continued)

AIR HEATER (Continued)

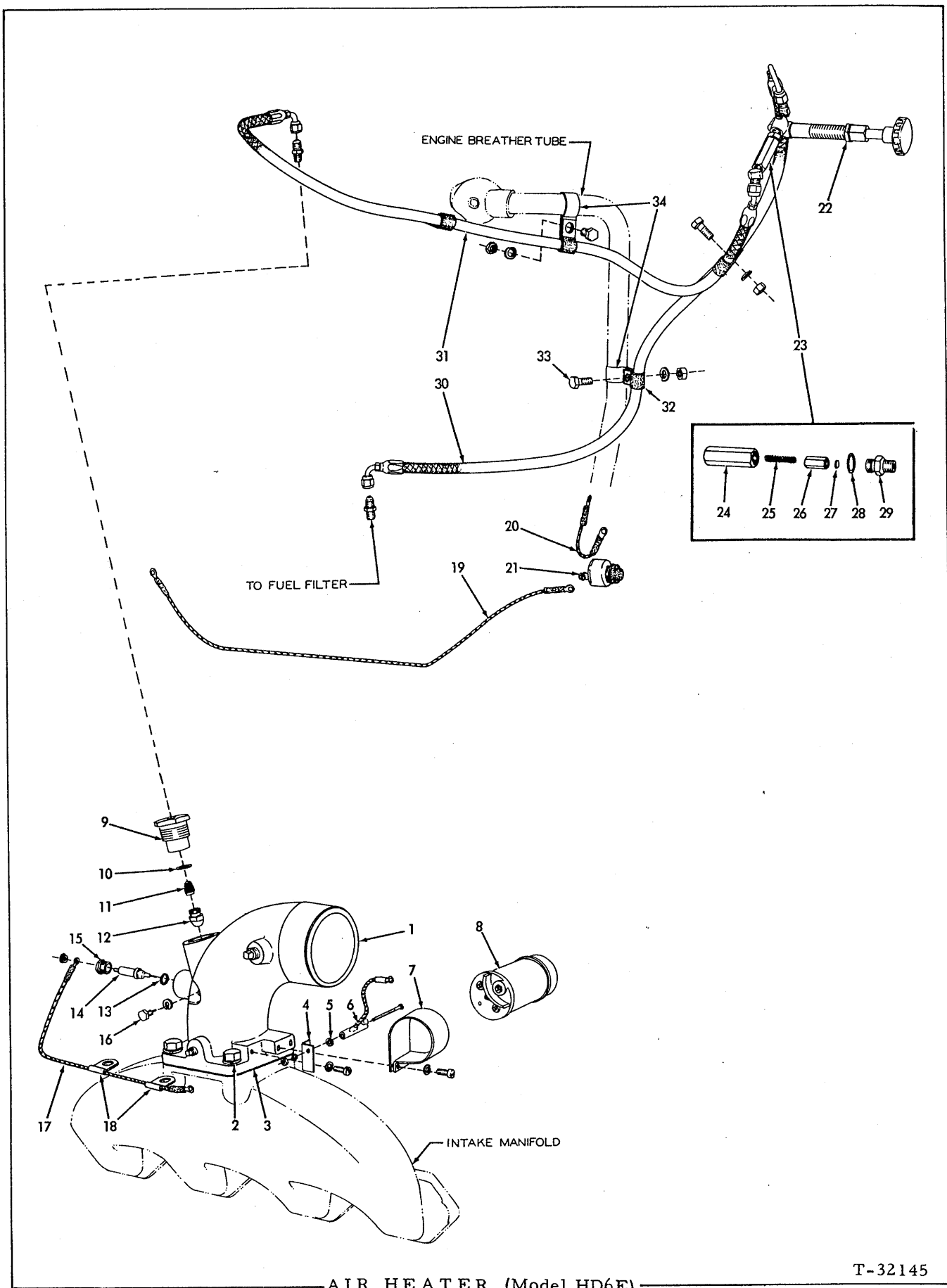
ITEM	PART NO.	QTY.	DESCRIPTION
22	646910	1	HOSE, fuel supply (See HOSE PARTS)
	919173	1	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT male
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
23	092160	1	PUMP ASSEMBLY (See page 107 for parts)
24	094642	1	VALVE ASSEMBLY, check (Consists of items 25 thru 30)
	916634	1	NIPPLE, pipe, 1/8"NPT x 3/4"
25	094890	1	BODY, check valve
26	048603	1	SPRING, check valve
27	048608	1	PLUNGER, check valve
28	048606	1	DISC, check valve
29	630713	1	WASHER, check valve
30	092793	1	CONNECTOR, check valve
31	646911	1	HOSE, fuel discharge (See HOSE PARTS)
	919249	1	ELBOW, flare type, 1/4" tube, 1/8"NPT female
32	644006	1	CLIP, hose supporting

AIR HEATER

USAGE: Special equipment for Model HD6E tractors serial No. 14484 and up. Cannot be installed on units equipped with Engine Primer.

ITEM	PART NO.	QTY.	DESCRIPTION
1	622433	1	ELBOW, air intake (Replaces standard ELBOW 622432)
	901651	1	PLUG, pipe, sq.-hd., 1/8"NPT
	901652	1	PLUG, pipe, sq.-hd., 1/4"NPT
2	035733	4	CAPSCREW, 1/2"NC x 1-3/8"
	904208	4	LOCKWASHER, 1/2"
3	084868	1	GASKET, air intake elbow
4	644133	1	BRACKET, resistor mounting
	912226	1	SCREW, machine, fil.-hd., 1/4"NC x 5/8"
	904204	1	LOCKWASHER, 1/4"
5	631198	1	WASHER, insulating
6	630830	1	RESISTOR
	915922	1	SCREW, machine, #8-32 x 2-1/4"
	915923	1	LOCKWASHER, external teeth, #8
	907154	1	NUT, #8-32
7	631199	1	BRACKET, ignition coil mounting
	912226	2	SCREW, machine, fil.-hd., 1/4"NC x 5/8"
	904204	2	LOCKWASHER, 1/4"
8	097026	1	COIL, ignition (Serviced only as a unit)
9	088038	1	BUSHING, spray nozzle
10	630787	1	WASHER, spray nozzle
11	631225	1	STRAINER ASSEMBLY, spray nozzle (1 body and 1 screen)
12	631224	1	NOZZLE ASSEMBLY, spray (Includes item 11)
13	631566	1	GASKET, insulator
14	631226	1	INSULATOR PACKAGE (Includes terminal nut and item 13)
15	630828	1	NUT, insulator retaining
16	630827	1	SCREW ASSEMBLY, electrode (1 screw and 1 electrode)
	904204	1	LOCKWASHER, 1/4"
17	074887	1	CABLE, coil to insulator
18	223502	2	CLIP, cable supporting (3/16" diam., 17/32" bolt-hole)
19	629178	1	CABLE, switch to coil
20	051006	1	CABLE, air heater switch to light switch
21	031337	1	SWITCH, push-button
22	092160	1	PUMP ASSEMBLY (See page 107 for parts)
23	094642	1	VALVE ASSEMBLY, check (Consists of items 24 thru 29)

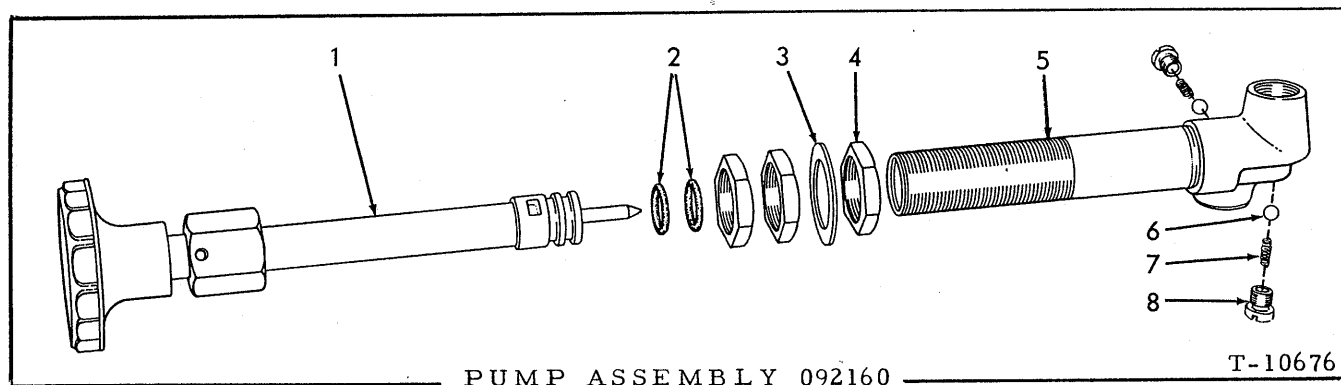
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T-32145

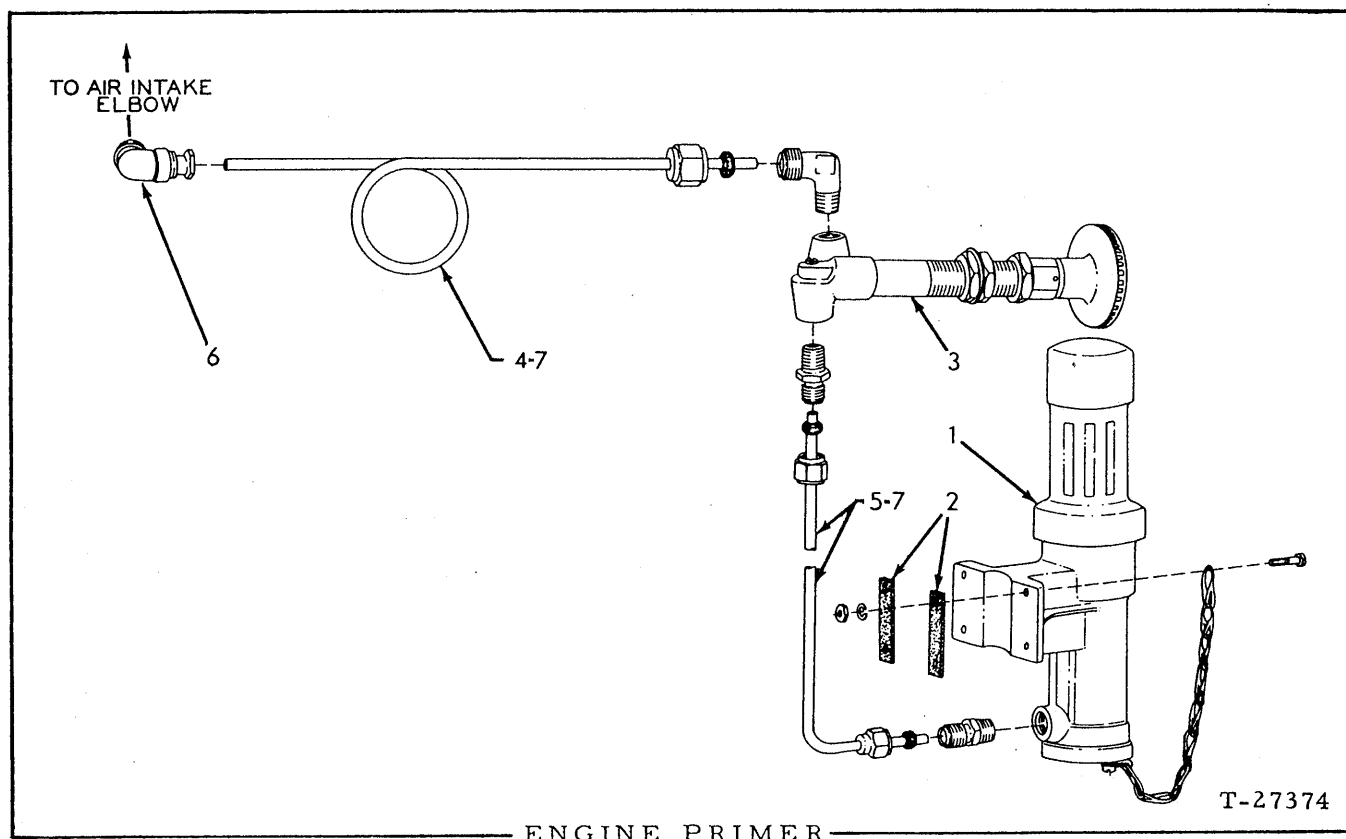
AIR HEATER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
24	094890	1	BODY, check valve
25	048603	1	SPRING, check valve
26	048608	1	PLUNGER, check valve
27	048606	1	DISC, check valve
28	630713	1	WASHER, check valve
29	092793	1	CONNECTOR, check valve
30	646267	1	HOSE, fuel filter to pump (See HOSE PARTS)
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
	919173	1	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT male
31	646266	1	HOSE, pump to nozzle (See HOSE PARTS)
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
	919464	1	ELBOW, flare type, 45°, 1/4" tube, 1/8"NPT male
32	094527	5	CLIP, hose supporting
33	036032	3	CAPSCREW, 3/8"NF x 3/4"
	904206	3	LOCKWASHER, 3/8"
	911041	3	NUT, 3/8"NF
34	097534	2	CLIP, hose supporting



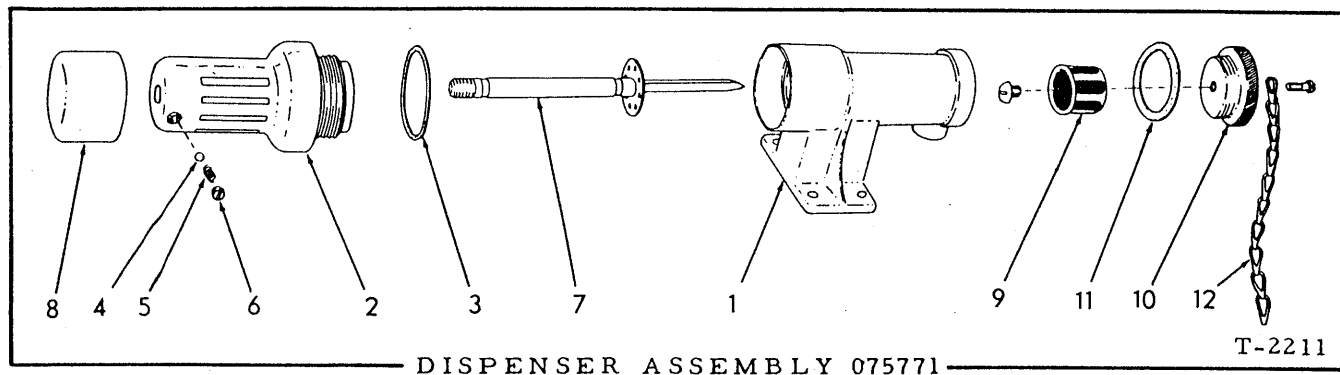
USAGE: See pages 103, 105 108

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PISTON ASSEMBLY (Not serviced separately)
2	923560	2	O-RING, plunger
3	066873	1	WASHER, mounting
4	066872	3	NUT, mounting
5	-----	1	BARREL ASSEMBLY (Not serviced separately)
6	066876	2	BALL, check valve (5/32" diam.)
7	066875	2	SPRING, check valve
8	066874	2	RETAINER, check valve



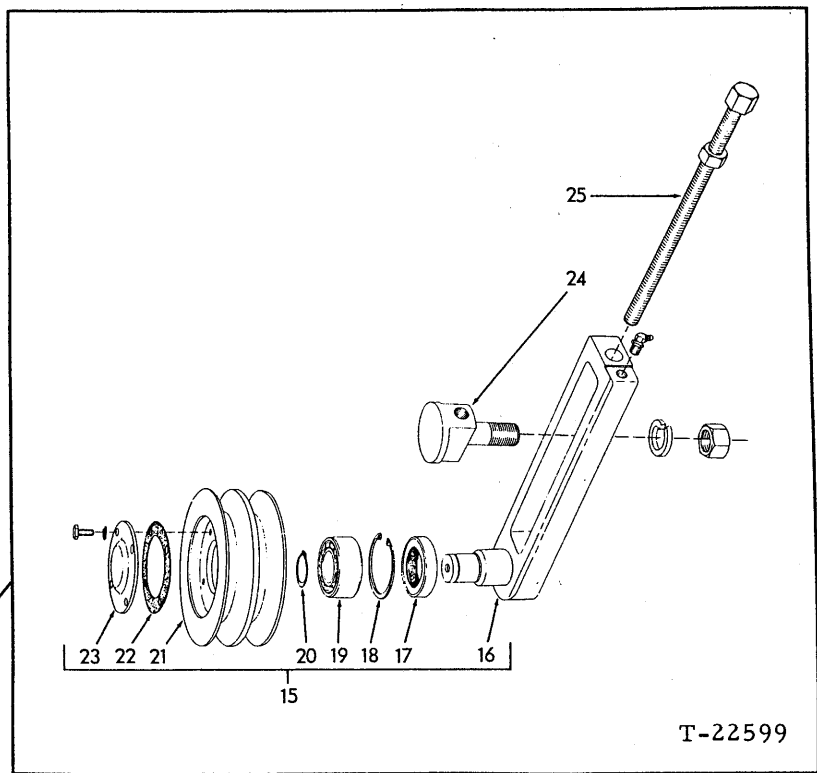
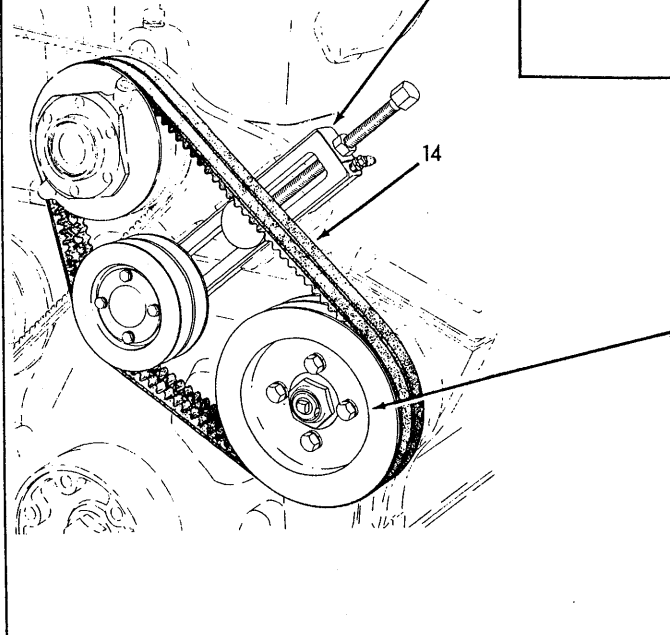
USAGE: Special equipment. For all units except those equipped with Air Heater

ITEM	PART NO.	QTY.	DESCRIPTION
1	075771	1	DISPENSER ASSEMBLY, priming fuel (See page 109 for parts)
	913706	4	CAPSCREW, #10-24NC x 1"
	904203	4	LOCKWASHER, #10
	901310	4	NUT, #10-24NC
2	066261	6	GASKET, dispenser mounting
3	092160	1	PUMP ASSEMBLY (See page 107 for parts)
4	-----	1	TUBE (Order item 7)
	915488	1	NUT, Sealastic, 1/8" tube
	915486	1	RING, Sealastic, 1/8" tube (Includes ferrule)
	915557	1	ELBOW, Sealastic, 1/8" tube, 1/8"NPT male
5	-----	1	TUBE (Order item 7)
	915488	2	NUT, Sealastic, 1/8" tube
	915486	2	RING, Sealastic, 1/8" tube (Includes ferrule)
	915556	2	CONNECTOR, Sealastic, 1/8" tube, 1/8"NPT male
6	066517	1	ELBOW ASSEMBLY, fuel spray (Includes nozzle, nut and sleeve. Serviced only as a unit)
7	066253	-	TUBING, copper, 1/8"O.D., 10 ft. roll (Use as req'd)

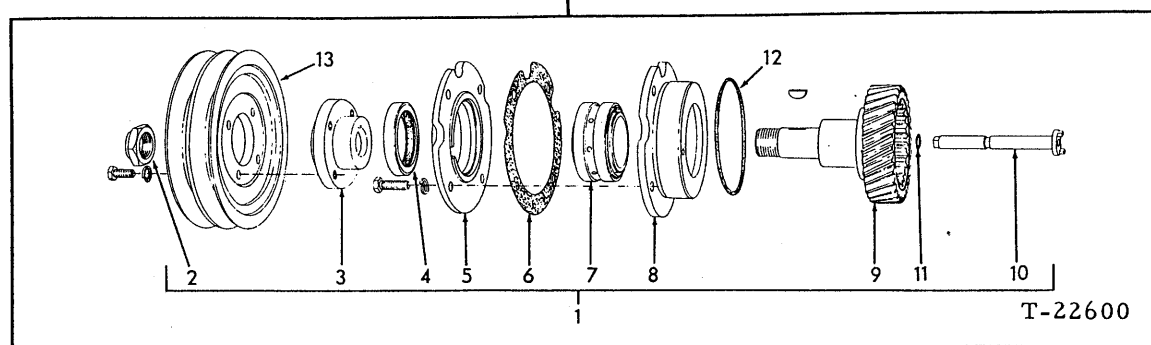


USAGE: See page 108

ITEM	PART NO.	QTY.	DESCRIPTION
1	068878	1	BODY, fuel dispenser
2	068879	1	CHAMBER, fuel dispenser
3	069164	1	GASKET, fuel dispenser chamber
4	905357	1	BALL, steel, 3/16" diam.
5	066251	1	SPRING, plunger locking ball
6	066252	1	PLUG, retaining, locking ball spring
7	066255	1	PLUNGER, fuel dispenser
8	068881	1	KNOB, fuel dispenser plunger
9	068875	1	STRAINER, fuel dispenser
	915432	1	SCREW, machine, 1/4"NC x 5/16"
10	075770	1	PLUG, fuel dispenser strainer
11	068876	1	GASKET, fuel dispenser strainer plug
12	075769	1	CHAIN, strainer plug retaining
	901781	1	SCREW, machine, fil-hd., #10-32NF x 1/2"



T-22599



T-22600

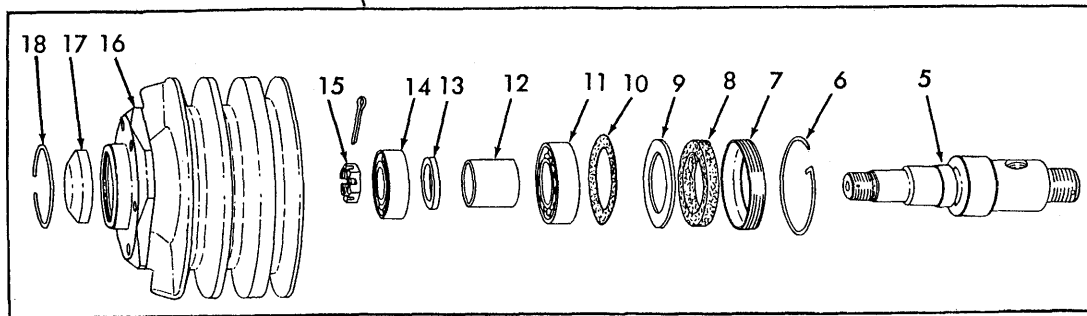
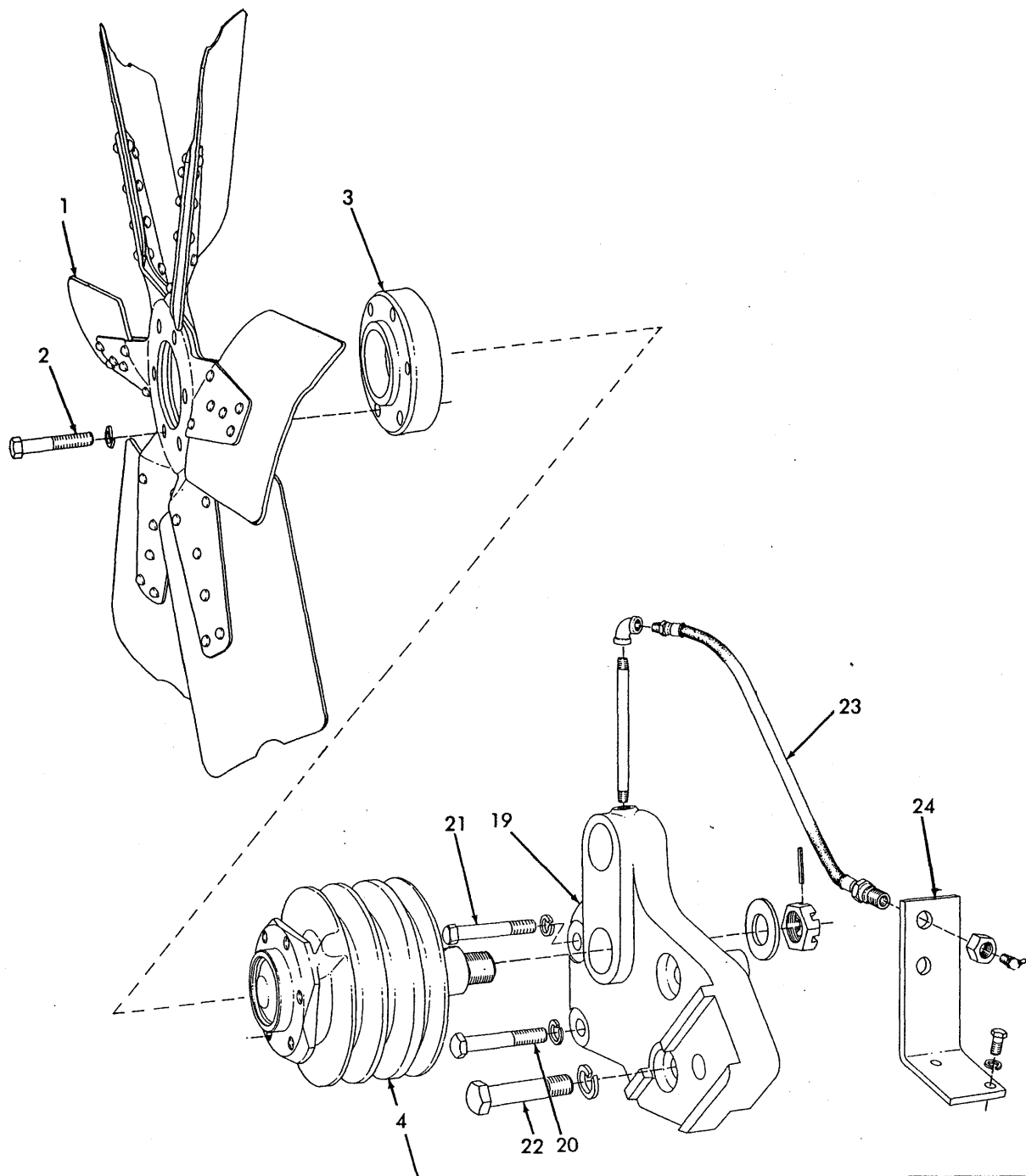
FAN DRIVE

T-22598

FAN DRIVE

ITEM	PART NO.	QTY.	DESCRIPTION
1	4336259	1	DRIVE ASSEMBLY (Consists of items 2 thru 11)(Used prior to engine #6-14912)
	4337416	1	DRIVE ASSEMBLY (Hardened gear)(Consists of items 2 thru 11) (Effective with engine #6-14912)
2	4335476	1	NUT, flange retaining
3	4336257	1	FLANGE, pulley mounting
4	4349736	1	SEAL, oil
5	4349674	1	FLANGE, seal retaining
	916272	4	CAPSCREW, 3/8"NC x 1-1/4"
	904206	4	LOCKWASHER, 3/8"
6	4349011	1	GASKET, seal retaining flange
7	4253825	1	BEARING, roller
8	4349014	1	RETAINER, bearing
9	4335443	1	GEAR, fan drive (Used prior to engine #6-14912)
	4337189	1	GEAR, fan drive (hardened)(Effective with engine #6-14912)
	917755	1	KEY, #91 woodruff, 1/4" x 3/4"
10	-----	1	SHAFT, pump timing
11	-----	1	O-RING, pump timing shaft
12	923589	1	O-RING, drive mounting
13	4336258	1	PULLEY, fan drive
	916225	4	CAPSCREW, 3/8"NF x 1"
	904206	4	LOCKWASHER, 3/8"
14	4349777	2	BELT, fan drive (Supplied in matched sets)
15	4349660	1	IDLER ASSEMBLY, belt tightening (Consists of items 16 thru 23)
16	4336587	1	SLIDE, fan idler
	915275	1	FITTING, lubricating, 65°, 1/8"NPT
17	4254670	1	SEAL, oil
18	4254100	1	RING, snap, rear
19	4255031	1	BEARING, ball
20	4253555	1	RING, snap, front
21	4349662	1	PULLEY
22	4347752	1	GASKET, pulley cover
23	4347751	1	COVER, pulley
	915343	4	CAPSCREW, 1/4"NC x 5/8"
	904204	4	LOCKWASHER, 1/4"
24	4349666	1	BOLT, clamping, fan idler slide
	904369	1	LOCKWASHER, 3/4"
	910175	1	NUT, 3/4"NF
25	4349667	1	CAPSCREW, fan belt adjustment
	910325	1	NUT, 1/2"NC

} See INJECTION PUMP



FAN

* Standard
 ** Special. For units equipped with dozer hydraulic tilt

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
NOTE: See RADIATOR for fan guard. See FAN DRIVE for fan belt.				
1	090155	1	1	FAN (Suction type. Standard equipment)
	090154	1	1	FAN (Push type. Special equipment)
	666515	1	1	FAN ASSEMBLY, reversible (Special equipment)(See page 115)
2	919224	6	6	CAPSCREW, 3/8"NC x 1-1/8" (For push fan)
	013059	6	6	CAPSCREW, 3/8"NC x 2" (For suction fan)
	916269	6	6	CAPSCREW, 3/8"NC x 7/8" (For reversible fan)
	904206	6	6	LOCKWASHER, 3/8"
3	089019	1	1	SPACER, fan (7/8" thick)(For suction fan only)
	649983	1	1	SPACER ASSEMBLY, fan (3/8" thick. Includes dowels)(For reversible fan on early units only)
4	4336520	1	-	HUB ASSEMBLY (Consists of items 5 thru 18 and hardware indented below)(3-groove)
	659843	-	1	HUB ASSEMBLY (Consists of items 5 thru 18 and hardware indented below)(4-groove)
	911174	1	1	NUT, jam, slotted, 1"NF (rear)
	911159	1	1	WASHER, plain, SAE std., 1"
	915946	1	1	PIN, spring, 5/32" x 1-1/4"
5	4336521	1	-	SPINDLE
	659844	-	1	SPINDLE
6	4371707	1	1	LOCKWIRE, fan hub
7	4040386	1	1	RETAINER, spindle sealing washer
8	4040385	1	1	WASHER, spindle sealing (cork)
9	4040384	1	1	WASHER, retaining, rear bearing
10	4640976	1	1	GASKET, bearing retaining washer
11	4253863	1	1	BEARING, ball, rear
12	4040383	1	1	SPACER, spindle bearings
13	4640978	1	1	WASHER, spacing, front bearing
14	4253862	1	1	BEARING, ball, front
15	4348502	1	1	NUT, spindle
	911064	1	1	PIN, cotter, 1/8" x 1-3/8"
16	4336529	1	-	HUB, fan
	659859	-	1	HUB, fan
17	088561	1	1	CAP, hub

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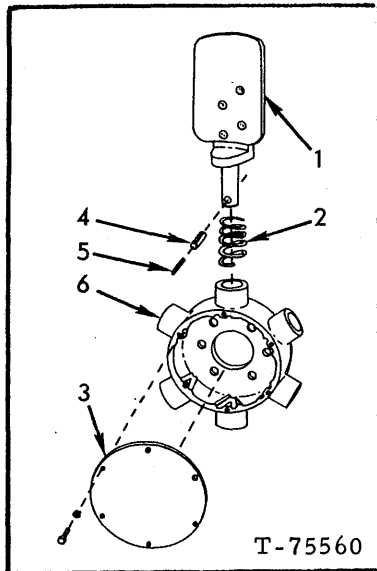
FAN (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
18	4042081	1	1	RING, snap, cap retaining
19	4336522	1	-	BRACKET, fan mounting
	659892	-	1	BRACKET, fan mounting
20	915969	2	-	CAPSCREW, 1/2"NC x 3"
	916316	-	2	CAPSCREW, 1/2"NC x 2-1/2"
21	916319	1	-	CAPSCREW, 1/2"NC x 3-1/2"
	915969	-	1	CAPSCREW, 1/2"NC x 3"
22	904208	3	3	LOCKWASHER, 1/2"
	915971	1	1	CAPSCREW, 5/8"NC x 2-3/4"
23	904209	1	1	LOCKWASHER, 5/8"
	4336526	1	1	HOSE, lubricating (14-1/2" long)
	901474	1	1	NIPPLE, pipe, 1/8"NPT x 4-1/2"
	901676	1	1	ELBOW, pipe, 90°, 1/8"NPT
	915274	1	1	FITTING, lubricating, 45°, 1/8"NPT
24	911049	1	1	NUT, jam, 5/8"NF
	4336523	1	1	BRACKET, lubricating hose
	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	904206	1	1	LOCKWASHER, 3/8"

Also attach generator brace

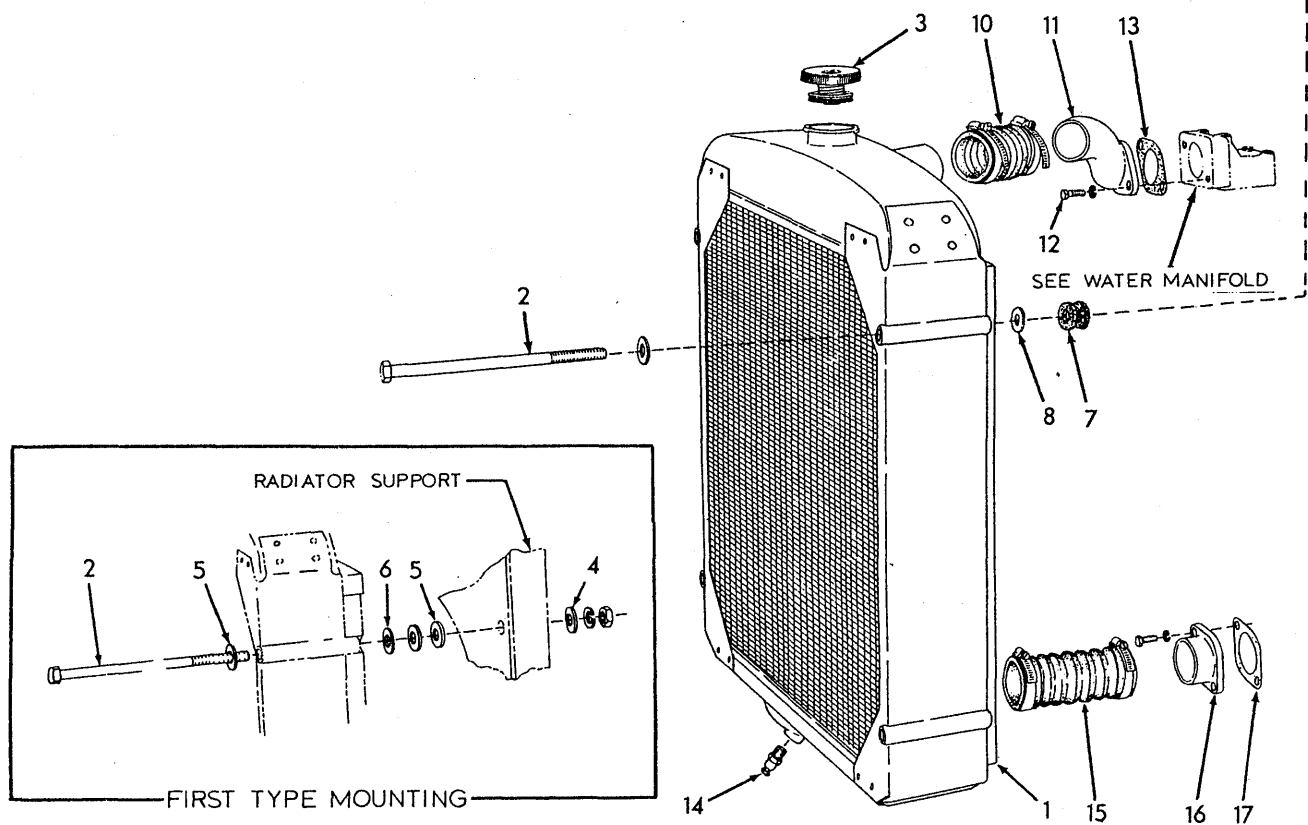
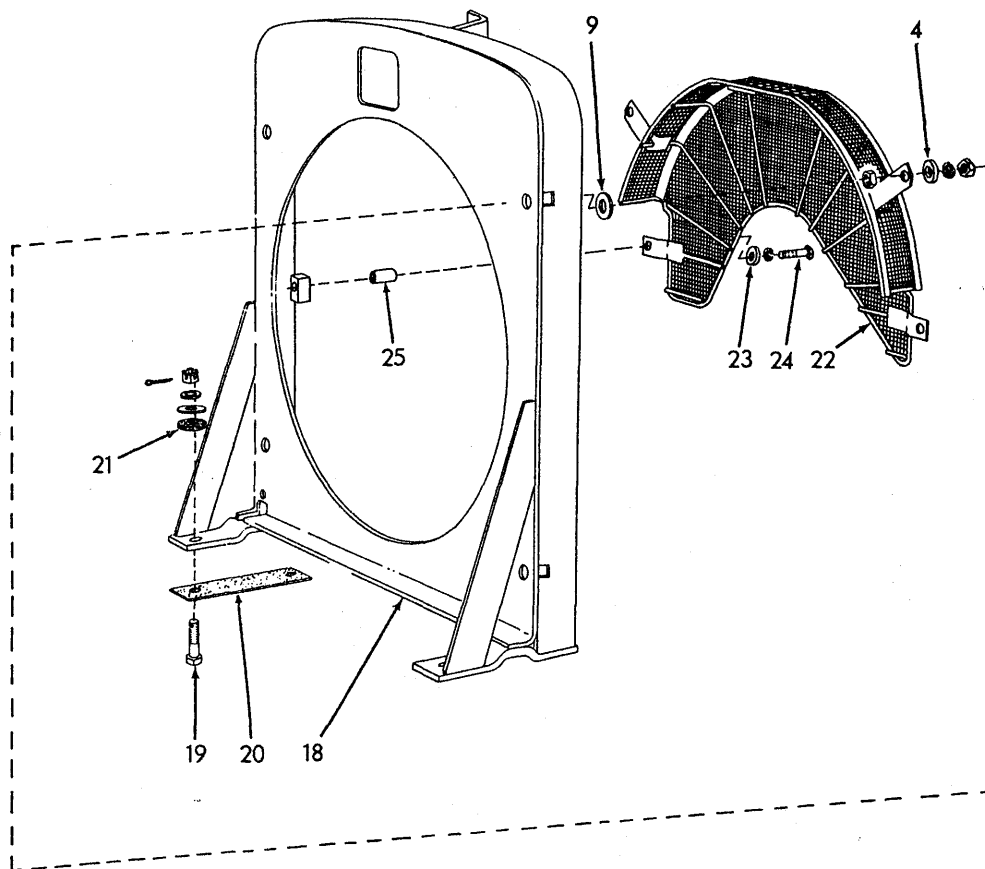
REVERSIBLE FAN PARTS ("Huber")

USAGE: See page 113



ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	BLADE (See NOTE below)
2	668596	6	SPRING
3	668591	1	COVER, dust
	926339	6	CAPSCREW, #10-24 x 5/16" (Includes lockwasher)
4	921839	6	PIN, blade retaining,, outer(5/16"O.D.)
5	915989	6	PIN, blade retaining, inner(3/16"O.D.)
6	-----	1	HUB (See NOTE below)

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



RADIATOR

T-27379

RADIATOR

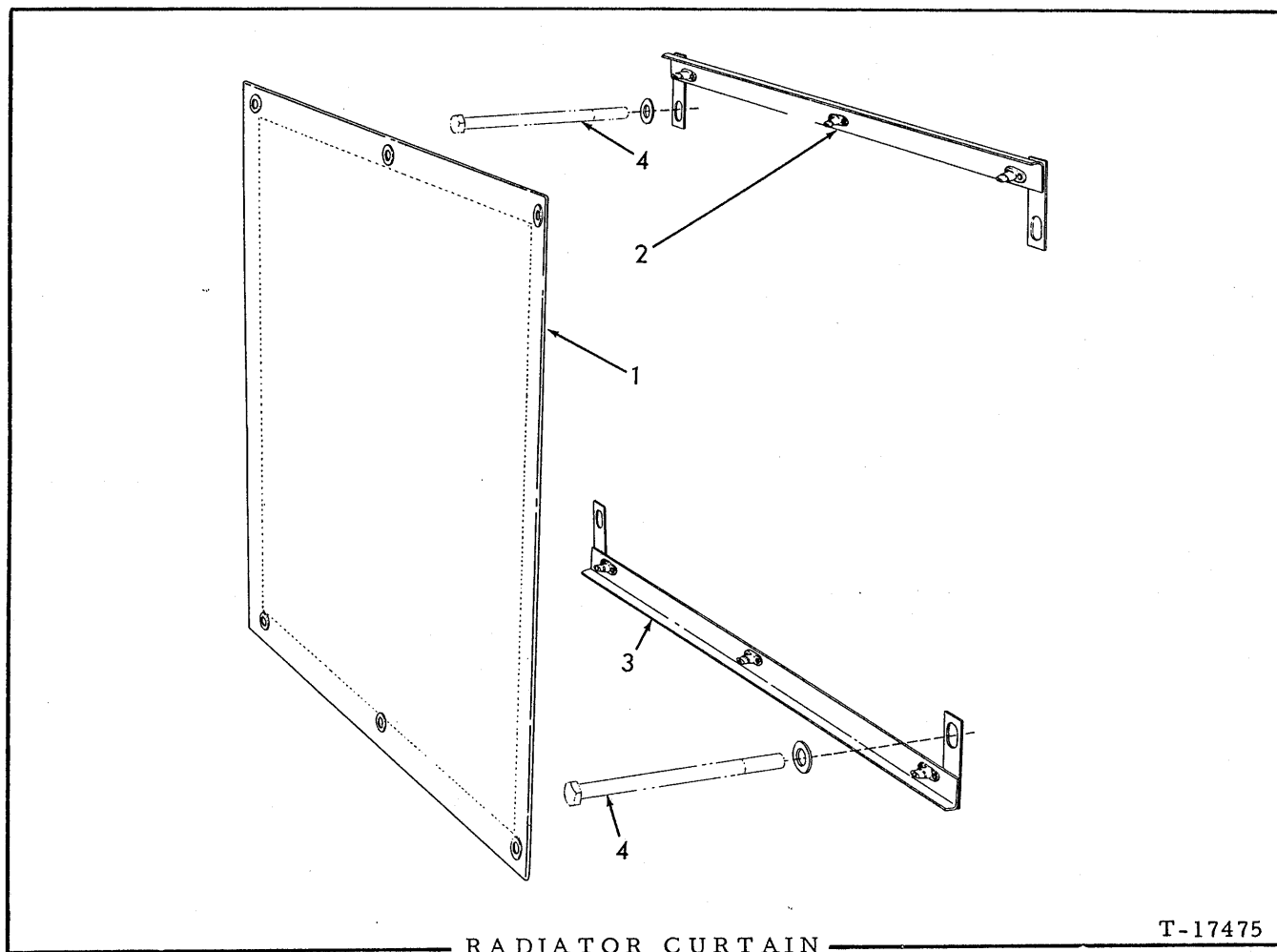
* Tractors prior to serial No. 19291
 ** Tractors serial No. 19291 and up

ITEM PART NO.		QTY. * **		DESCRIPTION
NOTE: Each Radiator Assembly listed below includes item 3				
1	-----	1	-	RADIATOR ASSY. (Order RADIATOR ASSY. 649353 and item 26)
	649353	-	1	RADIATOR ASSY.
	-----	1	-	RADIATOR ASSY. (Order RADIATOR ASSY. 649643 and item 26)
	649643	-	1	RADIATOR ASSY.
	-----	1	-	RADIATOR ASSY. (Order RADIATOR ASSY. 649436 and item 26)
	649436	-	1	RADIATOR ASSY.
2	099332	2	2	CAPSCREW, 1/2"NF x 7-5/8"
	093059	2	2	CAPSCREW, 1/2"NF x 8-1/2"
	904208	4	4	LOCKWASHER, 1/2"
	900818	12	6	WASHER, plain, U.S. std., 1/2"
	911043	4	4	NUT, 1/2"NF
3	087528	1	1	CAP ASSY., pressure type (Serviced only as a unit)
4	064531	2	-	WASHER, plain, radiator upper mounting capscREW (Not used with heavy wrap-around radiator guards)
5	093054	8	-	WASHER, radiator mounting (rubber)
6	916009	8	-	WASHER, radiator shimming (Use as required)
7	642441	-	4	SNUBBER, vibration, radiator mounting
8	919266	-	4	WASHER, vibration snubber (1-5/8"O. D.)
9	914906	-	4	WASHER, vibration snubber (1-3/4"O. D.)
10	088349	1	1	HOSE, upper
	921914	2	2	CLAMP, hose, 2-5/16" to 3-1/4" diam.
11	099441	1	1	ELBOW, engine water outlet
12	916254	2	2	CAPSCREW 7/16"NC x 1"
	904207	2	2	LOCKWASHER, 7/16"
13	4300145	1	1	☐ GASKET, water outlet elbow
14	633519	1	1	COCK, radiator drain
15	088348	1	1	HOSE, lower
	921914	2	2	CLAMP, hose, 2-5/16" to 3-1/4" diam.
16	4347003	1	1	PIPE, engine water inlet
	916271	2	2	CAPSCREW, 3/8"NC x 1"
	904206	2	2	LOCKWASHER, 3/8"
17	4346456	1	1	☐ GASKET, water inlet pipe

(Continued)

RADIATOR (Continued)

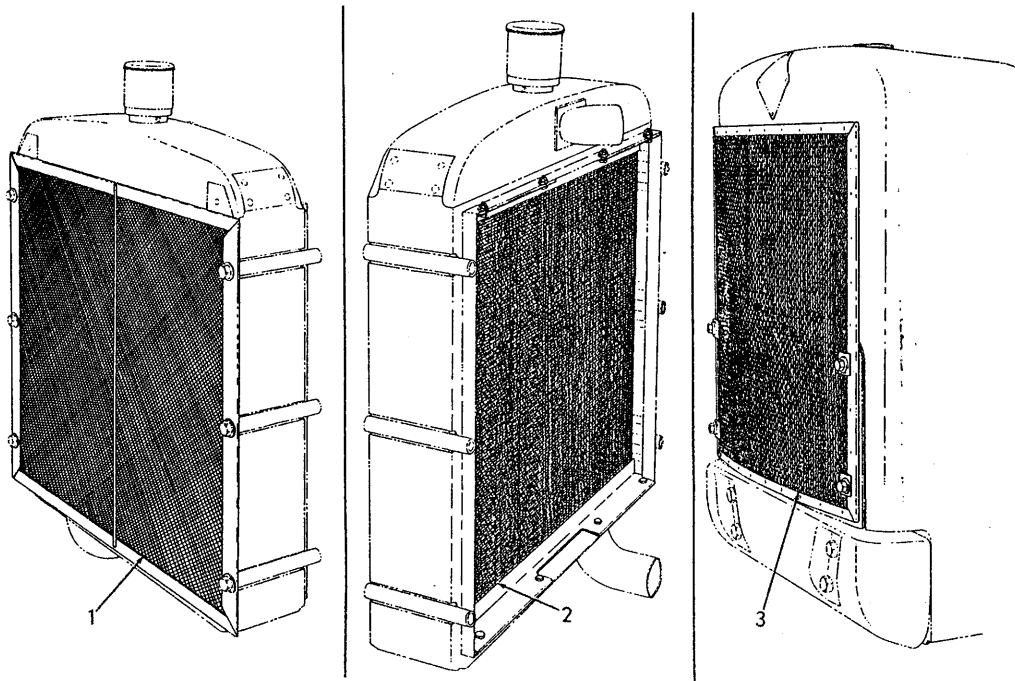
ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
18	-----	1	-	SUPPORT, radiator (Order SUPPORT 649743 and item 26)	} Used only with special wrap-around Radiator Guard
	649743	-	1	SUPPORT, radiator	
19	093061	4	4	CAPSCREW, drilled end, 1/2"NF x 2"	
	900818	4	4	WASHER, plain, U.S. std., 1/2"	
	916009	4	4	WASHER, shimming (1/32" thick. Use as required)	
	910867	4	4	NUT, slotted, 1/2"NF	
	900806	4	4	PIN, cotter, 1/8" x 1"	
20	093055	2	2	PAD, support mounting (rubber)	
21	093054	4	4	WASHER, support mounting (rubber)	
22	646516	1	1	GUARD, fan (bar type)	
	634197	1	1	GUARD, fan (mesh type)	
23	064531	4	4	WASHER, plain (1/4" thick)	
24	070403	2	2	CAPSCREW, 1/2"NF x 3" (Used prior to December 1960)	
	913249	2	2	CAPSCREW, 1/2"NF x 1-1/4" (Effective December 1960)	
	904208	2	2	LOCKWASHER, 1/2"	
25	620057	2	-	SPACER, fan guard (Used prior to December 1960)	
26	645765	1	-	MOUNTING KIT, radiator (Includes items 7 thru 9 and instructions for reworking radiator and radiator support for resilient mounting)(Not illustrated)	



T-17475

USAGE: Special Equipment. Applicable to all units equipped with suction fan.

ITEM	PART NO.	QTY.	DESCRIPTION
1	086920	1	CURTAIN, radiator
2	651153	1	BRACKET ASSEMBLY, curtain attaching, upper (Includes fasteners)
	910244	2	WASHER, plain, SAE std., 1/2"
3	651151	1	BRACKET ASSEMBLY, curtain attaching, lower (Includes fasteners)
	910244	2	WASHER, plain, SAE std., 1/2"
4	-----	-	CAPSCREW (See RADIATOR)



RADIATOR SCREENS

T-17448

USAGE: Special equipment

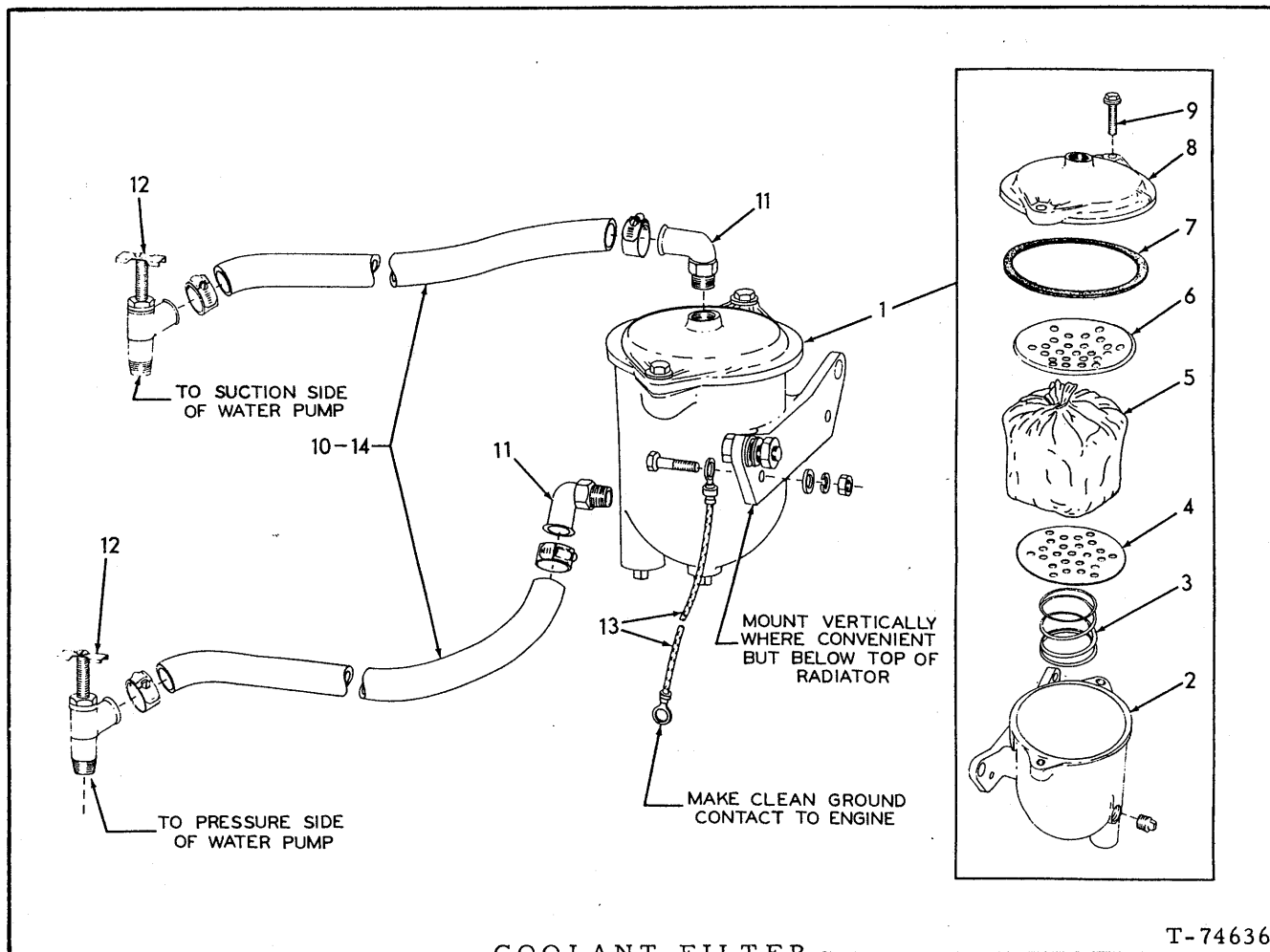
* Used with suction fan only. Front-mounted.

** Used with pusher fan only. Rear-mounted. Cannot be used with special in-line-core radiator or with armored radiator)

*** Mounts on heavy wrap-around radiator guards

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	093390	1	-	-	SCREEN, trash
	910244	6	-	-	WASHER, plain, SAE std., 1/2"
2	092386	-	1	-	SCREEN, trash
	914330	-	8	-	CAPSCREW, 1/4"NF x 5/8"
	092635	-	8	-	WASHER, plain (9/64" thick)
	904204	-	8	-	LOCKWASHER, 1/4"
	911040	-	8	-	NUT, 1/4"NF
3	089625	-	-	1	SCREEN (For plain radiator guard on Models HD6A, B; also Model HD6E tractors prior to #14484)
	921556	-	-	4	CAPSCREW, 1/2"NC x 2" (Also attach front guard plate)
	627305	-	-	1	SCREEN (For plain radiator guard on Model HD6E tractors #14484 and up)

MEMO



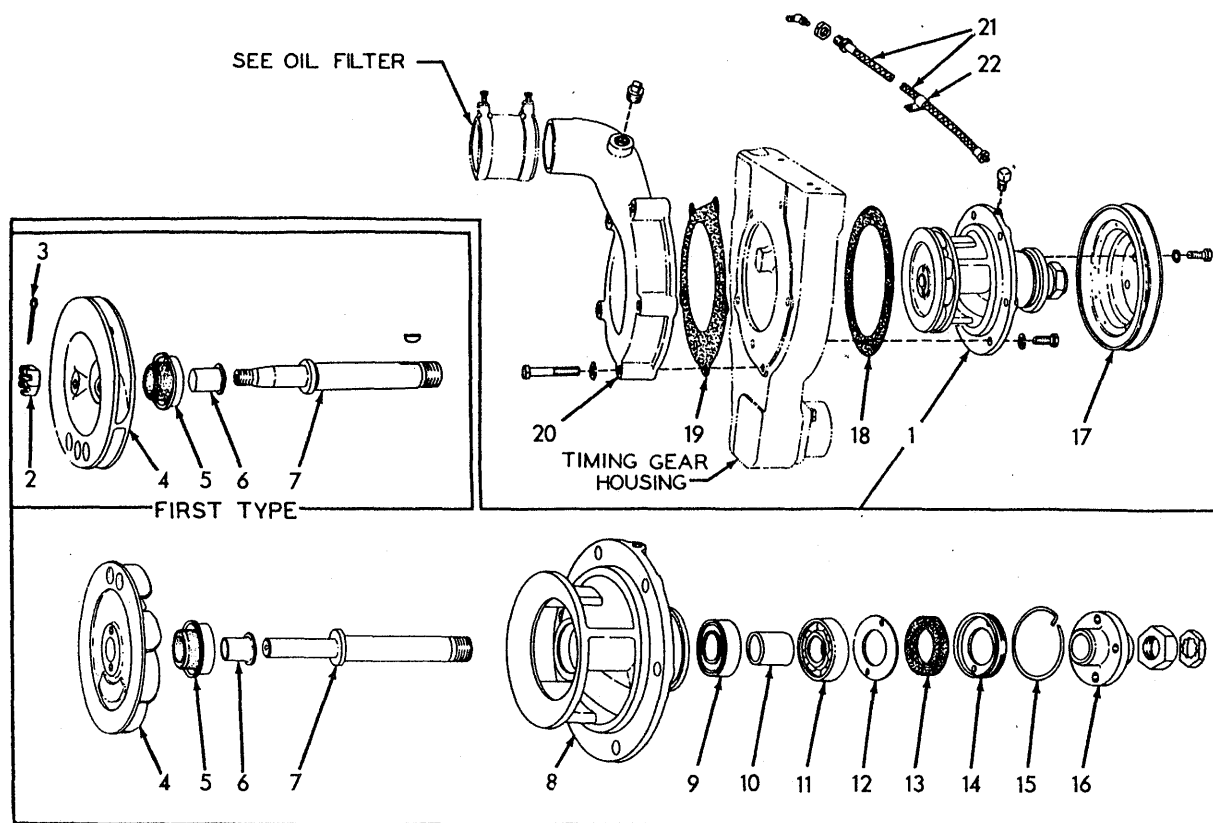
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
-	4357825	1	FILTER KIT (Consists of items 1 thru 13)
1	4387474	1	FILTER ASSEMBLY, water (Consists of items 2 thru 9. Has element for use with permanent anti-freeze)
	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	910244	2	WASHER, plain, SAE std., 1/2"
	904208	2	LOCKWASHER, 1/2"
	910325	2	NUT, 1/2"NC
	914670	2	CAPSCREW, 5/16"NC x 1-1/8"
	910335	2	WASHER, plain, SAE std. 5/16"
	904205	2	LOCKWASHER, 5/16"
	910323	2	NUT, 5/16"NC
2	4055031	1	BODY, filter
	920131	2	PLUG, pipe, 3/8"NPT
3	4054569	1	SPRING, filter element
4	4054568	1	PLATE, filter element. lower

(Continued)

COOLANT FILTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	4058830	1	ELEMENT KIT, filter (Includes item 7)(Cannot be used with permanent anti-freeze)
	4058831	1	ELEMENT KIT, filter (Includes item 7)(Can be used with permanent anti-freeze)
6	4055034	1	PLATE, filter element, upper
7	4054566	1	GASKET, filter cover
8	4055032	1	COVER, filter
9	4055033	2	BOLT ASSEMBLY, filter cover (Includes washer)
10	-----	1	HOSE (86" length. Cut to suit installation)(For service replacement order item 14)
	921911	4	CLAMP, hose, 11/16" to 1-1/4" diam.
11	4255286	2	ELBOW, water hose (90° 5/8" nipple, 3/8"NPT)
12	4255772	2	VALVE, water shut-off (90°, 5/8" nipple, 3/8"NPT)
13	4059367	1	CABLE, ground
14	920722	-	HOSE, rubber, 5/8"I.D., 25 ft. roll (Use as required)



WATER PUMP

T-27396

* Engines prior to serial No. 6-25060

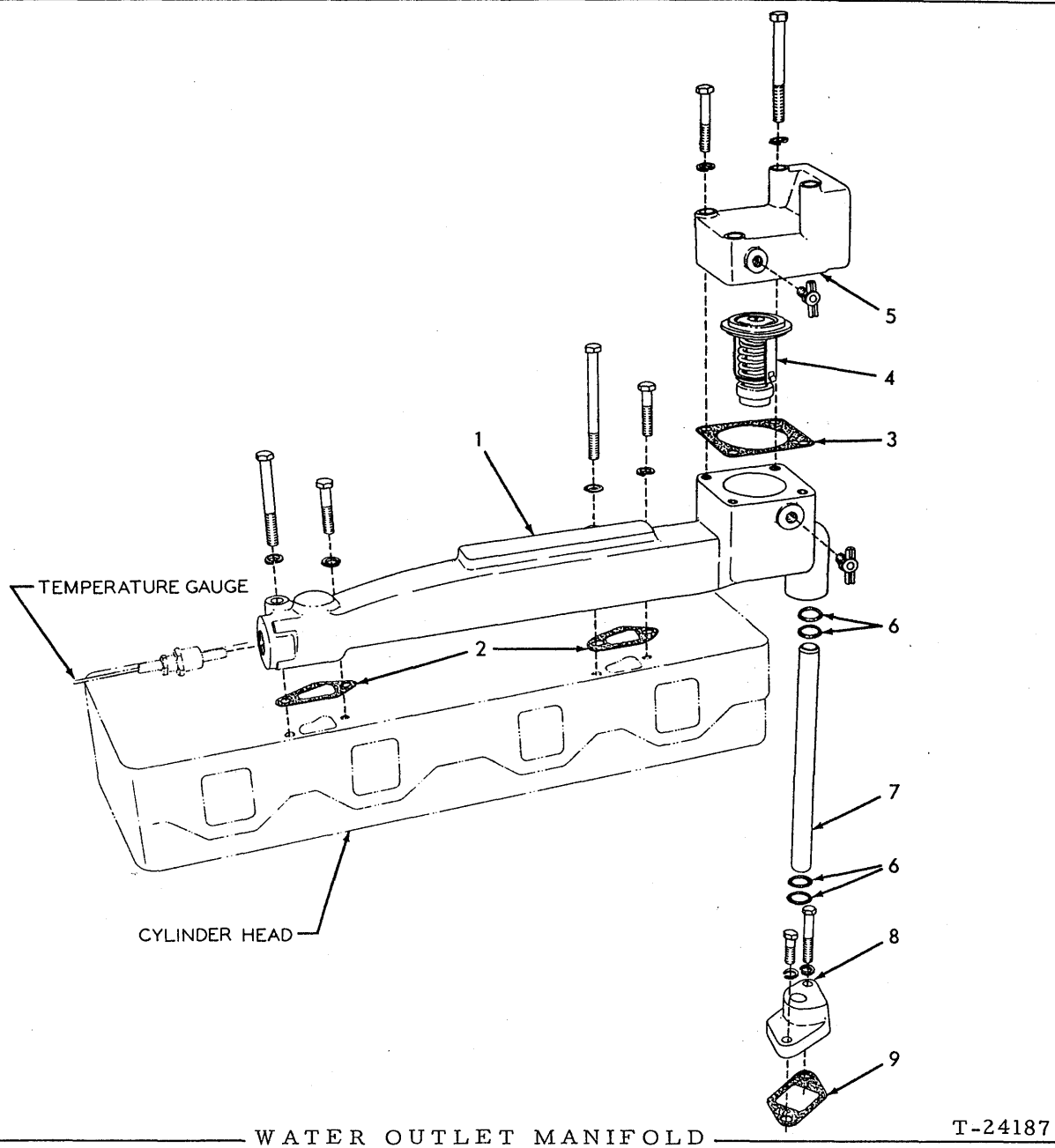
** Engines serial No. 6-25060 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	-	PUMP ASSEMBLY (Order PUMP ASSY. 4359281)
	4359281	-	1	PUMP ASSEMBLY (Consists of items 4 thru 16)
	916271	6	6	CAPSCREW, 3/8"NC x 1"
	904206	6	6	LOCKWASHER, 3/8"
2	4375686	1	-	NUT, impeller retaining
3	4041097	1	-	PIN, cotter, impeller nut
4	4339103	1	-	IMPELLER ASSEMBLY (Includes ceramic insert)
	4358786	-	1	IMPELLER ASSEMBLY (Includes ceramic insert)
5	4507091	1	1	SEAL ASSEMBLY (Serviced only as a unit)

(Continued)

WATER PUMP (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	4507084	1	1	FLINGER, water
7	4348757	1	-	SHAFT ASSEMBLY (Includes item 6)
	905121	1	-	KEY, #5 woodruff, 1/8" x 5/8"
	4358787	-	1	SHAFT ASSEMBLY (Includes item 6)
8	4338663	1	1	BODY, water pump
9	4044212	1	1	BEARING, ball, rear
10	4044211	1	1	SPACER, bearing
11	4044210	1	1	BEARING, ball, front
12	4044209	1	1	WASHER, retaining
13	4348825	1	1	WASHER, sealing
14	4335320	1	1	RETAINER, sealing washer
15	4053968	1	1	LOCKWIRE, sealing washer retainer
16	4335808	1	-	FLANGE, driving pulley
	4359280	-	1	FLANGE, driving pulley
	910847	1	1	NUT, 3/4"NF
	917680	1	1	NUT, Pal locking, 3/4"
17	4339503	1	1	PULLEY
	916206	4	-	CAPSCREW, 5/16"NF x 7/8" (Early units)
	911169	4	4	CAPSCREW, 5/16"NF x 5/8" (Late units)
	904205	4	4	LOCKWASHER, 5/16"
18	4346744	1	1	OGASKET, water pump
19	4335056	1	1	OGASKET, water pump volute
20	4349953	1	1	VOLUTE
	920131	1	1	PLUG, pipe, 3/8"NPT
	916274	5	5	CAPSCREW, 3/8"NC x 2-1/4"
	904206	5	5	LOCKWASHER, 3/8"
21	4336527	1	1	HOSE, lubricating
	914463	1	1	ADAPTER, 90°, 1/8"NPT male and female
	915274	1	1	FITTING, lubricating, 45°, 1/8"NPT
	911049	1	1	NUT, jam, 5/8"NF
22	4251849	1	1	CLIP, hose supporting



USAGE: Engine prior to serial No. 6-16982

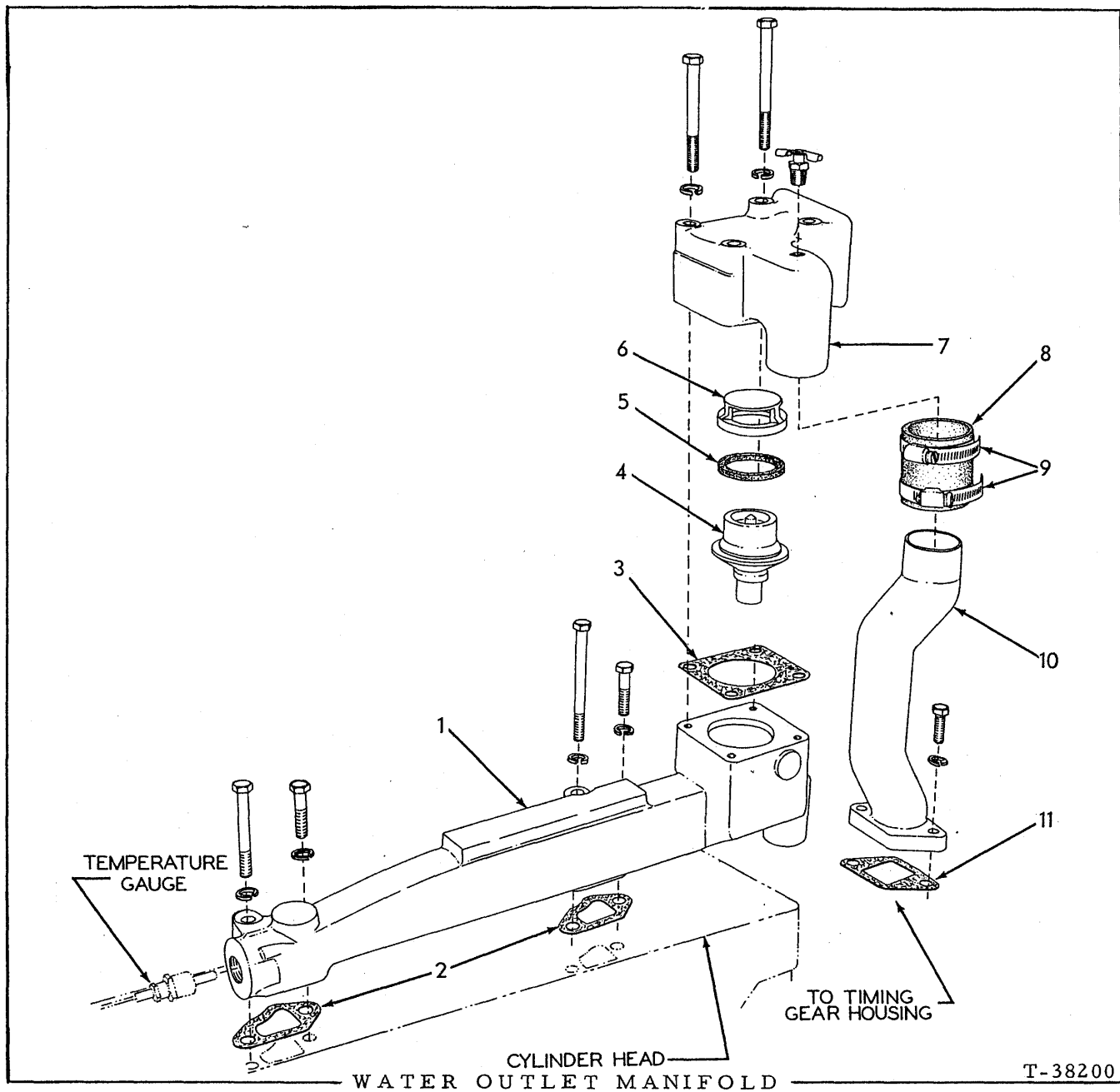
ITEM PART NO. QTY. DESCRIPTION

1	4336670	1	MANIFOLD, water outlet
	919226	2	CAPSCREW, 3/8"NC x 1-5/8"
	920275	1	CAPSCREW, 3/8"NC x 3"
	919801	1	CAPSCREW, 3/8"NC x 4"
	904206	4	LOCKWASHER, 3/8"
	912415	1	COCK, T-handle, 1/4"NPT (air venting)
2	4349808	2	☐ GASKET, water manifold
3	4349809	1	☐ GASKET, thermostat housing

(Continued)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	4379916	1	THERMOSTAT
5	4349810	1	HOUSING, thermostat
	912415	1	COCK, T-handle, 1/4"NPT
	916274	2	CAPSCREW, 3/8"NC x 2-1/4"
	916275	2	CAPSCREW, 3/8"NC x 3-3/4"
	904206	4	LOCKWASHER, 3/8"
6	923574	4	O-RING, water by-pass tube
7	4336268	1	TUBE, water by-pass
8	4336267	1	FLANGE, water by-pass
	919224	1	CAPSCREW, 3/8"NC x 1-1/8"
	910948	1	CAPSCREW, 3/8"NC x 2"
	904206	2	LOCKWASHER, 3/8"
9	4347031	1	GASKET, water by-pass flange



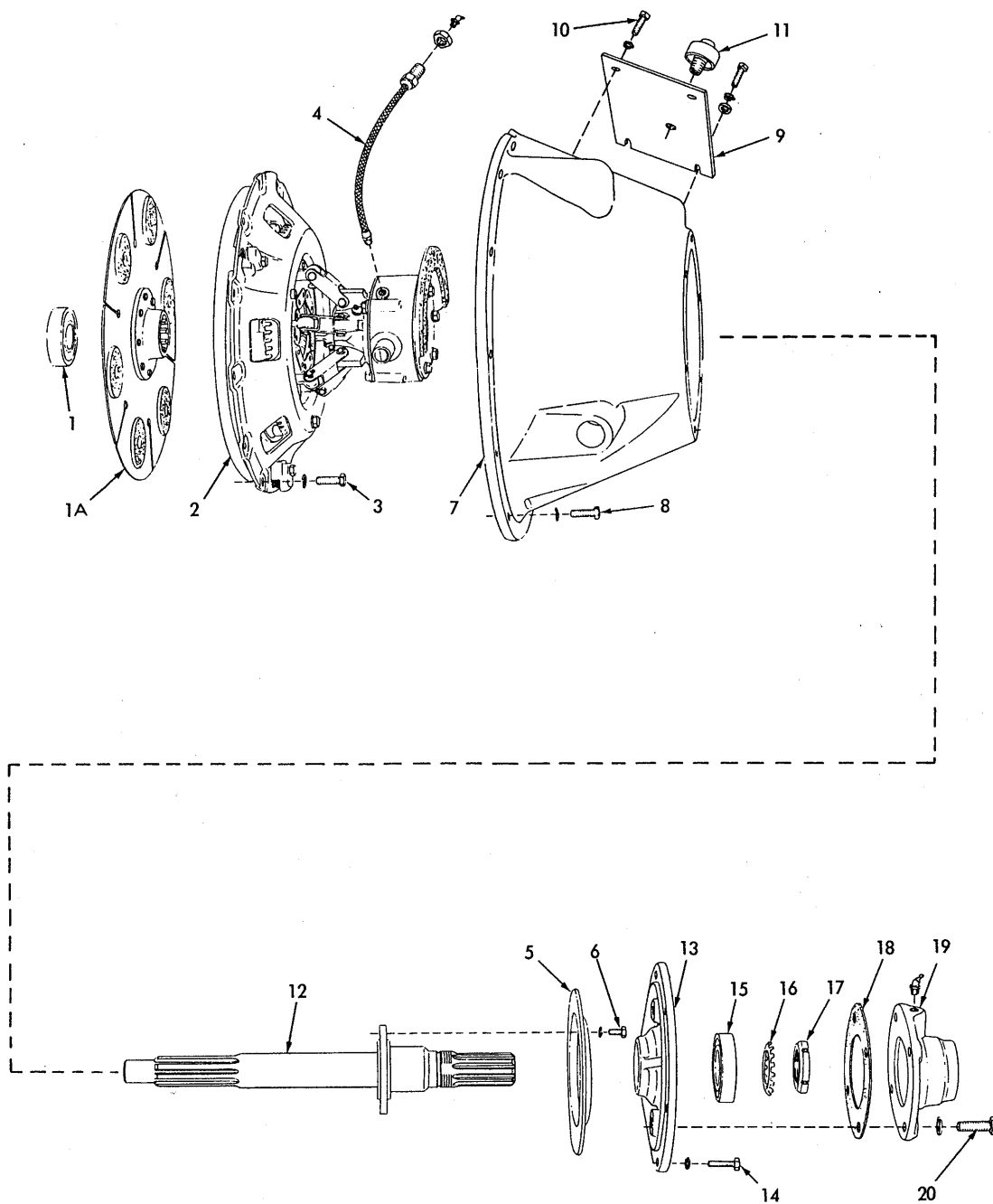
USAGE: Engine serial No. 6-16982 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	4338254	1	MANIFOLD, water outlet
	919226	2	CAPSCREW, 3/8"NC x 1-5/8"
	920275	1	CAPSCREW, 3/8"NC x 3"
	919801	1	CAPSCREW, 3/8"NC x 4"
	904206	4	LOCKWASHER, 3/8"
2	4349808	2	□GASKET, water manifold
3	4349809	1	□GASKET, thermostat housing
4	4354537	1	THERMOSTAT

(Continued)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	4317554	1	SEAL, thermostat
6	4317553	1	BUSHING, thermostat housing (Used prior to engine #6-22875)
7	4354268	1	HOUSING ASSEMBLY, thermostat (Includes item 5)
	912415	1	COCK, T-handle, 1/4"NPT
	919227	2	CAPSCREW, 3/8"NC x 3-1/4"
	916275	2	CAPSCREW, 3/8"NC x 3-3/4"
	904206	4	LOCKWASHER, 3/8"
8	4341743	1	HOSE, water by-pass tube
9	925758	2	CLAMP, hose, 2-1/16" to 3" diam.
10	4338231	1	TUBE, water by-pass
	916272	2	CAPSCREW, 3/8"NC x 1-1/4"
	904206	2	LOCKWASHER, 3/8"
11	4347031	1	OGASKET, water by-pass tube



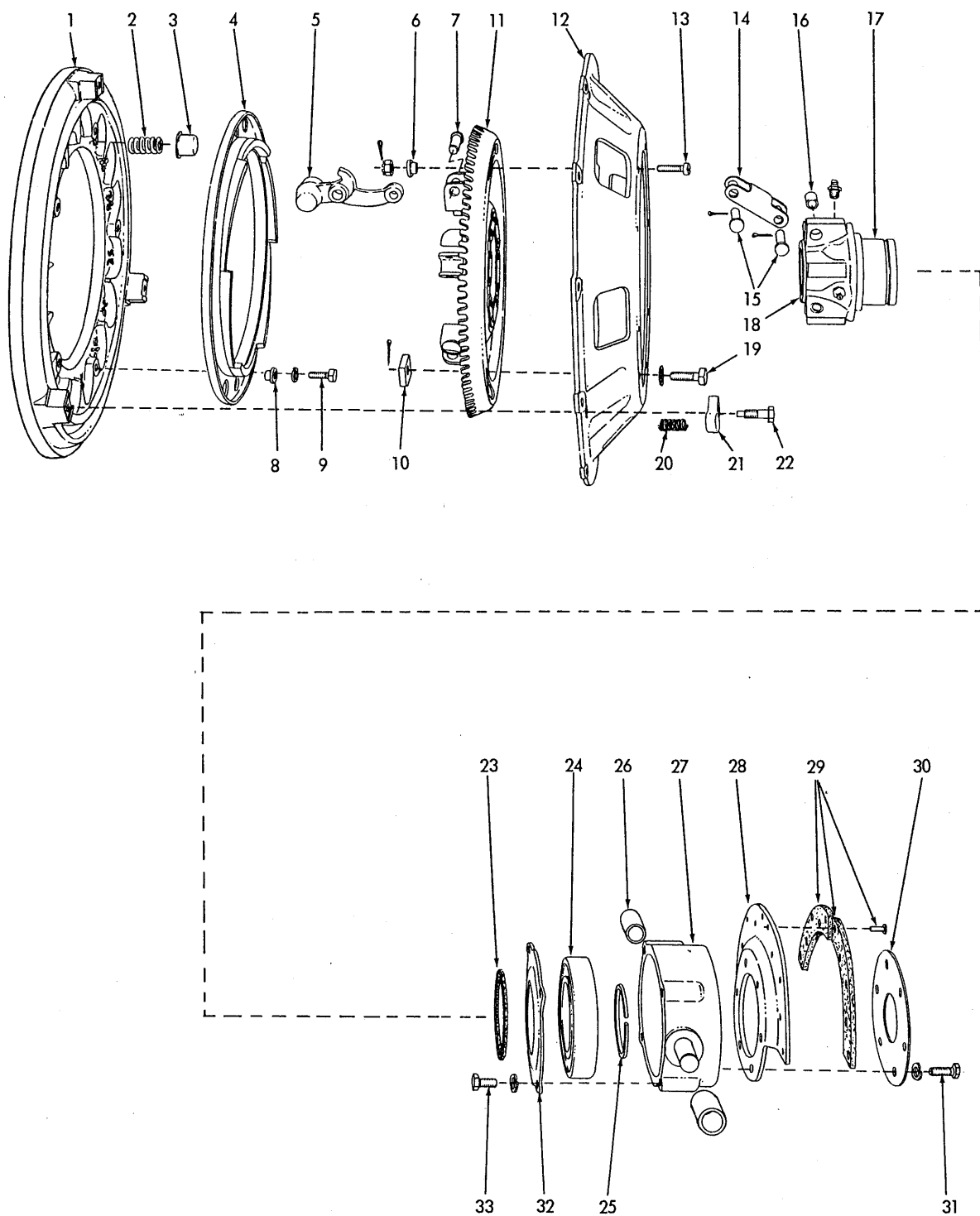
ENGINE CLUTCH AND HOUSING (Dry Clutch)

T-24054

ENGINE CLUTCH AND HOUSING

USAGE: Tractors with dry clutch. Standard on Models HD6A,B; also on Model HD6E tractors prior to serial No. 14484. See page 139 for optional oil clutch.

ITEM	PART NO.	QTY.	DESCRIPTION
1	099133	1	BEARING, ball, clutch shaft, front
1A	088816	1	PLATE ASSEMBLY, driven (Has ceramic friction buttons)(Standard equipment)
	643314	1	PLATE ASSEMBLY, driven (Has feramic friction facings) (Special equipment)
2	643315	1	CLUTCH ASSEMBLY, engine (See page 133 for parts)(If making first replacement also order item 1A)
3	916271	12	CAPSCREW, 3/8"NC x 1"
	904206	12	LOCKWASHER, 3/8"
4	099410	1	HOSE, lubricating, clutch shifter bearing, lower
	911049	1	NUT, jam, 5/8"NF
	915273	1	FITTING, lubricating, 30°, 1/8"NPT
5	050579	1	DISC, clutch brake
6	911169	6	CAPSCREW, 5/16"NF x 5/8"
	904205	6	LOCKWASHER, 5/16"
7	099411	1	HOUSING, engine clutch
8	918272	9	CAPSCREW, 3/8"NC x 1-1/4"
	904206	9	LOCKWASHER, 3/8"
9	099407	1	COVER, clutch access
10	916271	2	CAPSCREW, 3/8"NC x 1"
	919224	2	CAPSCREW, 3/8"NC x 1-1/8"
	904206	4	LOCKWASHER, 3/8"
	044973	2	WASHER, plain
11	050748	1	BREATHER, clutch housing
12	085774	1	SHAFT, clutch
13	085810	1	RETAINER, clutch shaft rear bearing
14	916272	6	CAPSCREW, 3/8"NC x 1-1/4"
	904206	6	LOCKWASHER, 3/8"
15	042847	1	BEARING, ball, clutch shaft, rear
16	030123	1	WASHER, locking, rear bearing nut
17	030107	1	NUT, clutch shaft rear bearing
18	050647	1	GASKET, rear bearing cap
19	051597	1	CAP, rear bearing
	915273	1	FITTING, lubricating, 30°, 1/8"NPT
20	919230	4	CAPSCREW, 1/2"NC x 1-3/8"
	904208	4	LOCKWASHER, 1/2"



CLUTCH ASSEMBLY 643315 (Dry-Clutch)

T-11274

CLUTCH ASSEMBLY 643315

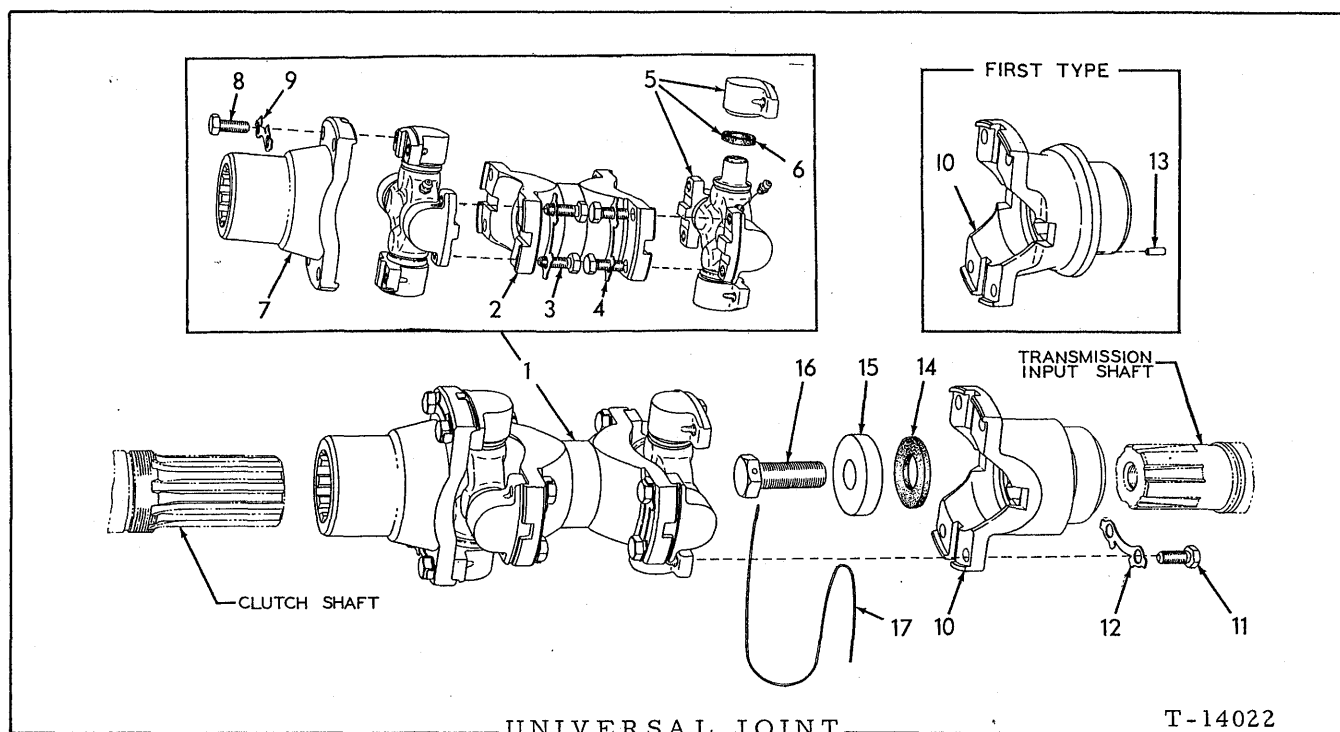
USAGE: See page 131

ITEM	PART NO.	QTY.	DESCRIPTION
1	088814	1	PLATE, pressure
2	078278	10	SPRING, pressure
3	044753	10	CUP, pressure spring
4	055754	1	RING, pressure
5	088815	6	LEVER, actuating
6	055757	2	SPACER, adjusting ring retaining screw
7	052354	6	PIN, actuating lever (3/8" diam., 1-1/8" long)
8	042128	5	SPACER, pressure ring guiding
9	903626	5	CAPSCREW, 5/16"NC x 3/4"
	904205	5	LOCKWASHER, 5/16"
10	055761	1	PLATE, locking, adjusting ring
11	088817	1	RING ASSEMBLY, adjusting (Includes riveted brackets and wear plates. Serviced only as a unit)
12	621443	1	PLATE, back
13	055756	2	CAPSCREW, retaining, adjusting ring (fil-hd., drilled-end, 5/16"NF x 1")
	913238	2	NUT, castle, 5/16"NF
	904001	2	PIN, cotter, 3/32" x 1/2"
14	055759	6	LINK, actuating lever
15	048173	12	PIN, actuating lever link (5/16" diam., 1" long)
	904001	12	PIN, cotter, 3/32" x 1/2"
16	048195	6	BUSHING, shifting sleeve (steel)
17	078116	1	SLEEVE ASSEMBLY, shifting (Includes items 16 and 18; also FITTINGS indented below)
	914465	3	FITTING, lubricating, straight, 1/8"NPT
18	-----	2	BUSHING, shifting sleeve (bronze)(Furnished only as part of item 17)
19	055760	1	SCREW (Hex-hd., drilled-end, 3/8"NF x 1")
	906960	1	LOCKWASHER, internal teeth, 3/8"
	900801	1	PIN, cotter, 3/32" x 3/4"
20	042130	3	SPRING, pressure plate retracting
21	042129	3	RETAINER, pressure plate retracting spring
22	074614	3	CAPSCREW, spring retainer (dog-pt., 5/16"NC x 1-1/16")
23	042141	1	RING, sealing, shifting sleeve (felt)
24	621440	1	BEARING, ball, shifting sleeve
25	042144	1	RING, locking, shifting sleeve bearing

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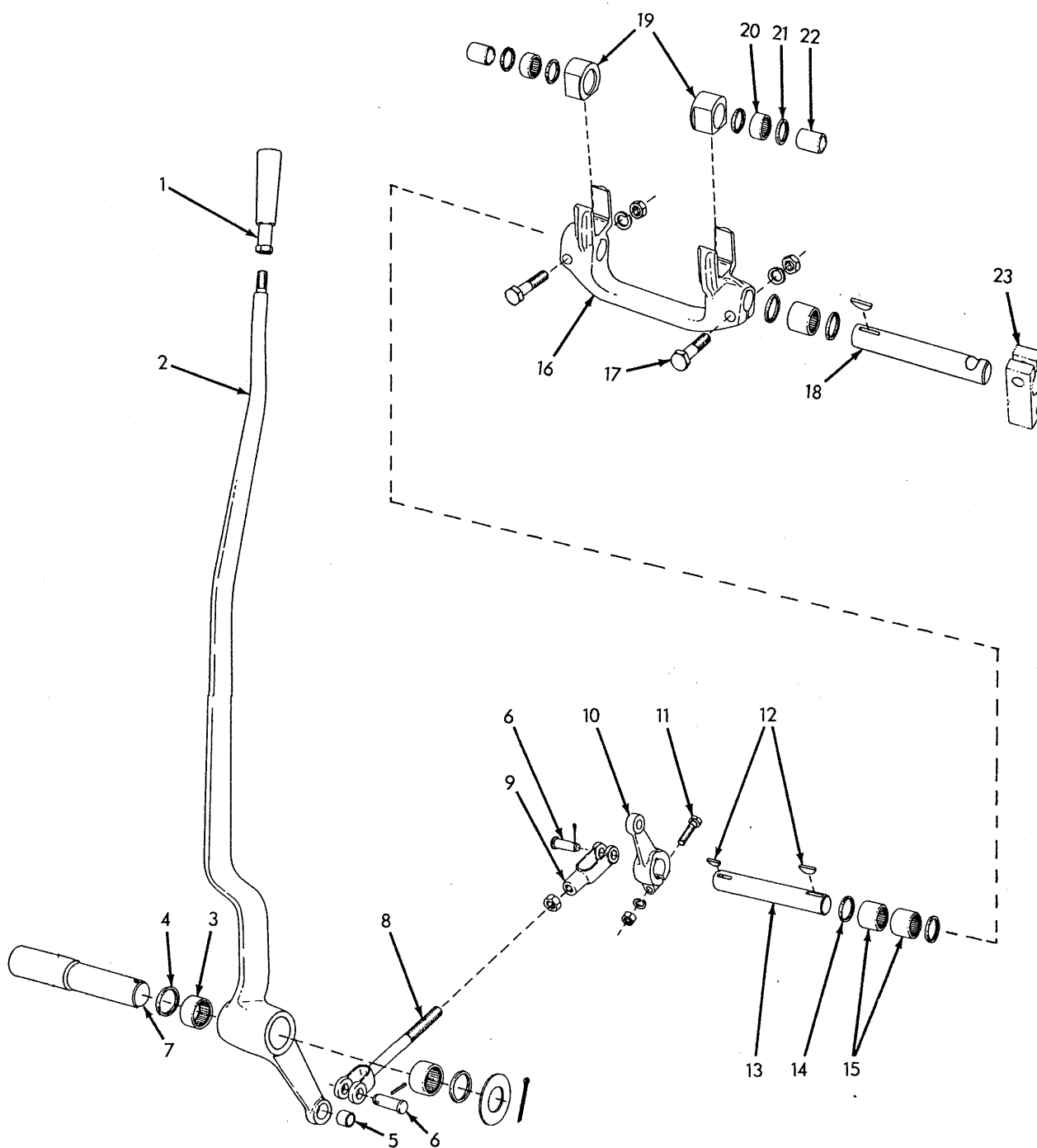
CLUTCH ASSEMBLY 643315 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	056864	2	RACE, shifting yoke needle bearing
27	078134	1	YOKE ASSEMBLY, shifting sleeve (Includes item 26)
28	050578	1	DISC ASSEMBLY, clutch brake, front (Includes item 29)
29	081756	1	FACING KIT, brake disc (Includes RIVETS indented below)
	911131	10	RIVET, tubular, brass, flat-hd., 3/16" x 7/16"
30	050575	1	SHIELD, grease
31	057927	6	CAPSCREW, 5/16"NF x 3/4" }
	904205	6	LOCKWASHER, 5/16" } Also attach brake disc.
32	042142	1	RETAINER, shifting sleeve bearing
33	035979	4	CAPSCREW, 3/8"NF x 5/8"
	904206	4	LOCKWASHER, 3/8"



USAGE: Tractors with dry clutch. Standard on Model HD6A, B; also on Model HD6E tractors prior to serial No. 14484.

ITEM	PART NO.	QTY.	DESCRIPTION
1	085892	1	JOINT ASSY., universal (Consists of items 2 thru 9)
2	085976	1	YOKE, connecting
3	073932	8	CAPSCREW, 5/16"NF x 7/8"
4	073935	4	LOCK, capscREW
5	086284	2	SPIDER ASSY. (Includes bearings, item 6 and FITTING indented below. Serviced only as a unit)
	914687	2	FITTING, lubricating, straight, 1/4"NF
6	178556	8	WASHER, sealing, spider bearing (cork)(Early units)
	625543	8	SEAL, spider bearing (rubber)(Late units)
7	082380	1	YOKE, front
8	073932	4	CAPSCREW, 5/16"NF x 7/8"
9	073935	2	LOCK, capscREW
10	085879	1	YOKE ASSY., rear (Includes item 13)(Tractors prior to #19771 on HD6B and #19867 on HD6E)
	651396	1	YOKE, rear (Effective with tractors #19771 on HD6B, #19867 on HD6E and on all HD6 AG tractors)
11	073932	4	CAPSCREW, 5/16"NF x 7/8"
12	073935	2	LOCK, capscREW
13	050569	3	PIN, driving, transmission seal ring (Tractors prior to #19771 on HD6B and #19867 on HD6E)
14	050548	1	SEAL, yoke
15	050547	1	WASHER, yoke retaining
16	070162	1	CAPSCREW, yoke retaining
17	023633	1	WIRE, locking, 1/16" x 12"



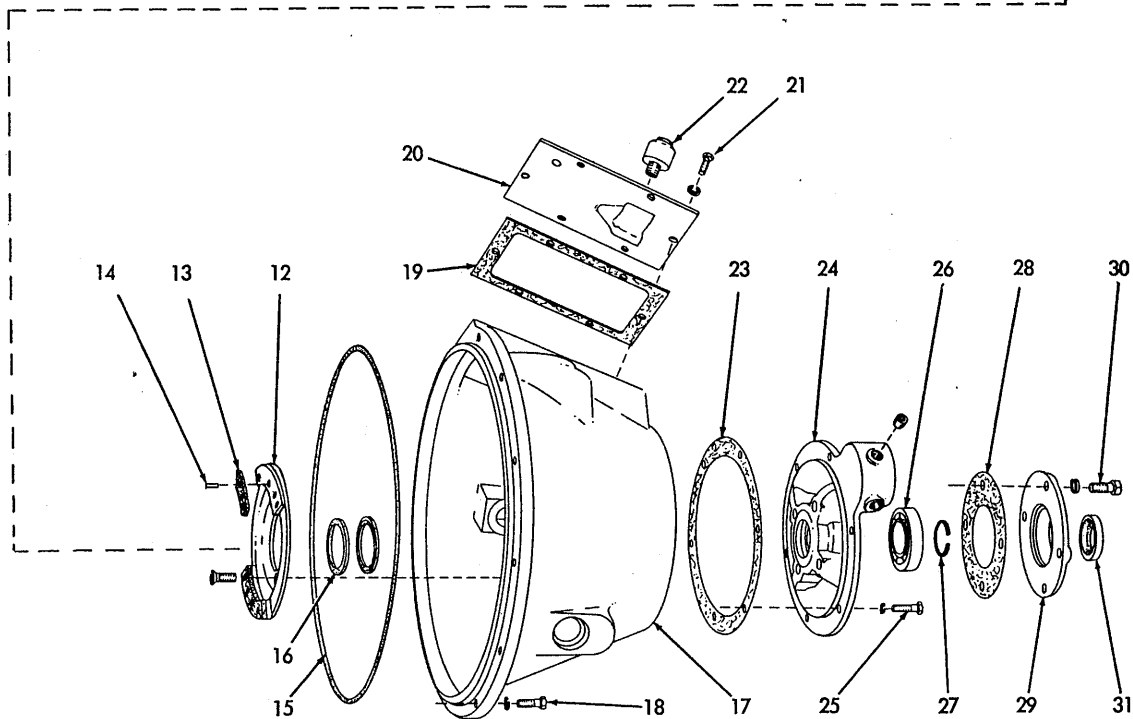
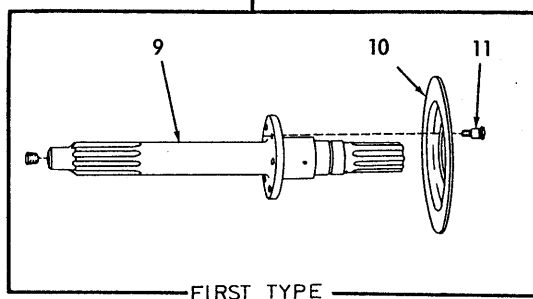
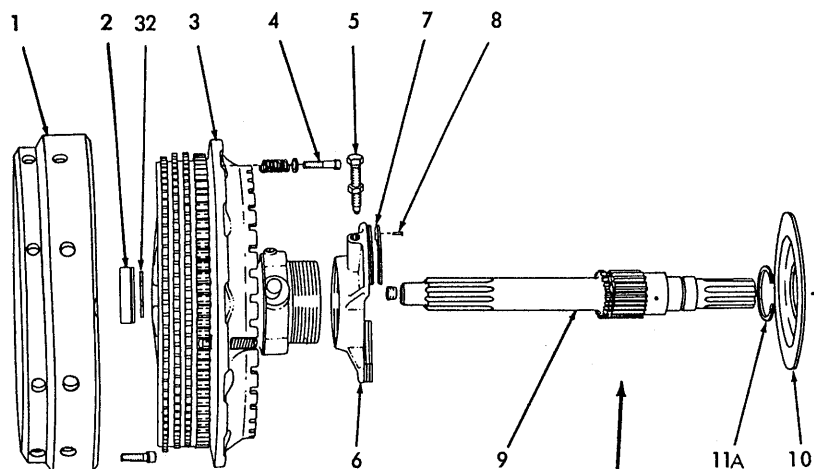
ENGINE CLUTCH CONTROL (Dry Clutch)

T-11275

ENGINE CLUTCH CONTROL (Dry Clutch)

USAGE: Tractors with dry clutch. Standard on Models HD6A, B; also Model HD6E tractors prior to serial No. 14484.

ITEM	PART NO.	QTY.	DESCRIPTION
1	078620	1	GRIP, operating lever
2	088626	1	LEVER ASSEMBLY, clutch operating (Includes item 5)
3	051513	2	BEARING, needle, operating lever
4	053926	2	SEAL, dust, operating lever
5	049988	1	BUSHING, operating lever (steel)
6	049993	2	PIN, operating rod yoke
	900805	2	PIN, cotter, 1/8" x 3/4"
7	085768	1	SHAFT, operating lever
	911159	1	WASHER, plain, SAE std., 1"
	910302	1	PIN, cotter, 5/32" x 1-1/4"
8	088624	1	ROD, clutch operating
	911043	1	NUT, 1/2"NF
9	068389	1	YOKE, operating rod
10	068511	1	LEVER, clutch control
11	910948	1	CAPSCREW, 3/8"NC x 2"
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC
12	036997	3	KEY, #13 woodruff, 3/16" x 1" (hardened)
13	085822	1	SHAFT, clutch shifting yoke, left side
14	053926	4	SEAL, dust, shifting yoke shaft
15	604925	3	BEARING, needle, shifting yoke shaft
16	632082	1	YOKE, clutch shifting
17	916315	2	CAPSCREW, 1/2"NC x 2-1/4"
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
18	053931	1	SHAFT, clutch shifting yoke, right side
19	053929	2	BLOCK, sliding, shifting yoke
20	050442	2	BEARING, needle, shifting yoke
21	053927	4	SEAL, dust, shifting yoke bearing
22	-----	2	RACE, shifting yoke needle bearing (See CLUTCH ASSEMBLY)
23	-----	1	LEVER, gear shift lock (See GEAR SHIFT)



ENGINE CLUTCH AND HOUSING (Oil clutch)

T-38175

ENGINE CLUTCH AND HOUSING

USAGE: Tractors with oil clutch. Optional on Model HD6A,B; also on early Model HD6E units.
Standard on Model HD6AG; also on Model HD6E tractors serial No. 14484 and up.

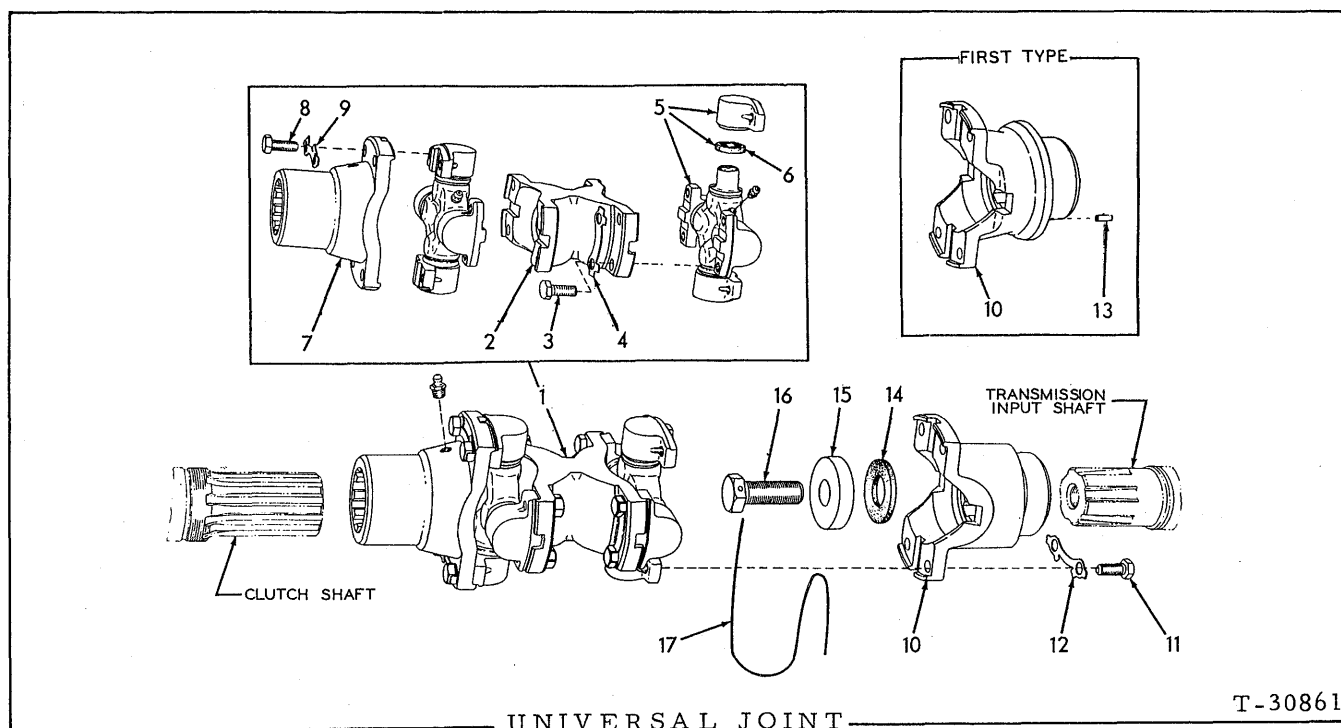
* Tractors prior to serial No. 15644, excluding No. 14951
** Tractors serial No. 15644 and up, including No. 14951

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	624201	1	-	RING, clutch driving (Used prior to tractor #15338)
	920979	3	-	CAPSCREW, hex-socket-hd., 5/16"NC x 2-3/4"
2	097088	1	1	BEARING, ball, clutch shaft, front
3	644218	1	1	CLUTCH ASSEMBLY (See page 143 for parts)
4	041915	12	-	CAPSCREW, 3/8"NC x 3-1/2" (Used prior to tractor #15338)
	919224	12	12	CAPSCREW, 3/8"NC x 1-1/8" (Effective with tractor #15338)
	904206	12	12	LOCKWASHER, 3/8"
5	083149	1	1	SCREW, adjusting, clutch brake plate
	913830	1	1	NUT, jam, 1/2"NF
6	623460	1	-	PLATE ASSEMBLY, clutch brake (Includes item 7)
	632107	-	1	PLATE ASSEMBLY, clutch brake (Includes item 7)
7	623461	1	-	FACING KIT, brake plate (Includes item 8)
	633001	-	1	FACING KIT, brake plate (Includes item 8)
8	083136	8	-	RIVET, tubular, brass, fl-hd., 1/4" x 1/2"
	634627	-	8	RIVET, tubular, brass, fl-hd., 1/4" x 5/8"
9	644226	1	1	SHAFT, clutch (Used prior to tractor #17405)
	644242	-	1	SHAFT, clutch (Effective with tractor #17405)
	907070	1	1	PLUG, pipe, ctsk-hd., 1/4"NPT
10	050579	1	-	DISC, clutch brake
	634108	-	1	DISC, clutch brake (Used prior to tractor #17405)
	644243	-	1	DISC, clutch brake (Effective with tractor #17405)
11	083270	6	-	CAPSCREW, brake disc attaching (5/16"NF x 5/8")
	904205	6	-	LOCKWASHER, 5/16"
	634111	-	6	CAPSCREW, brake disc supporting (Used prior to tractor #17405)
11A	623969	-	1	RING, snap, brake disc retaining (Effective with tractor #17405)
12	634282	-	1	DISC ASSEMBLY, clutch brake (Consists of 1 disc, 2 spacers and item 13)
	900191	-	4	CAPSCREW, flat-hd., 1/2"NC x 1-1/4"
13	633001	-	1	FACING KIT, brake disc (Includes item 14)
14	634627	-	8	RIVET, tubular, brass, fl-hd., 1/4" x 5/8"
15	926059	1	1	O-RING, clutch housing
16	620279	2	2	SEAL, oil, clutch shaft

(Continued)

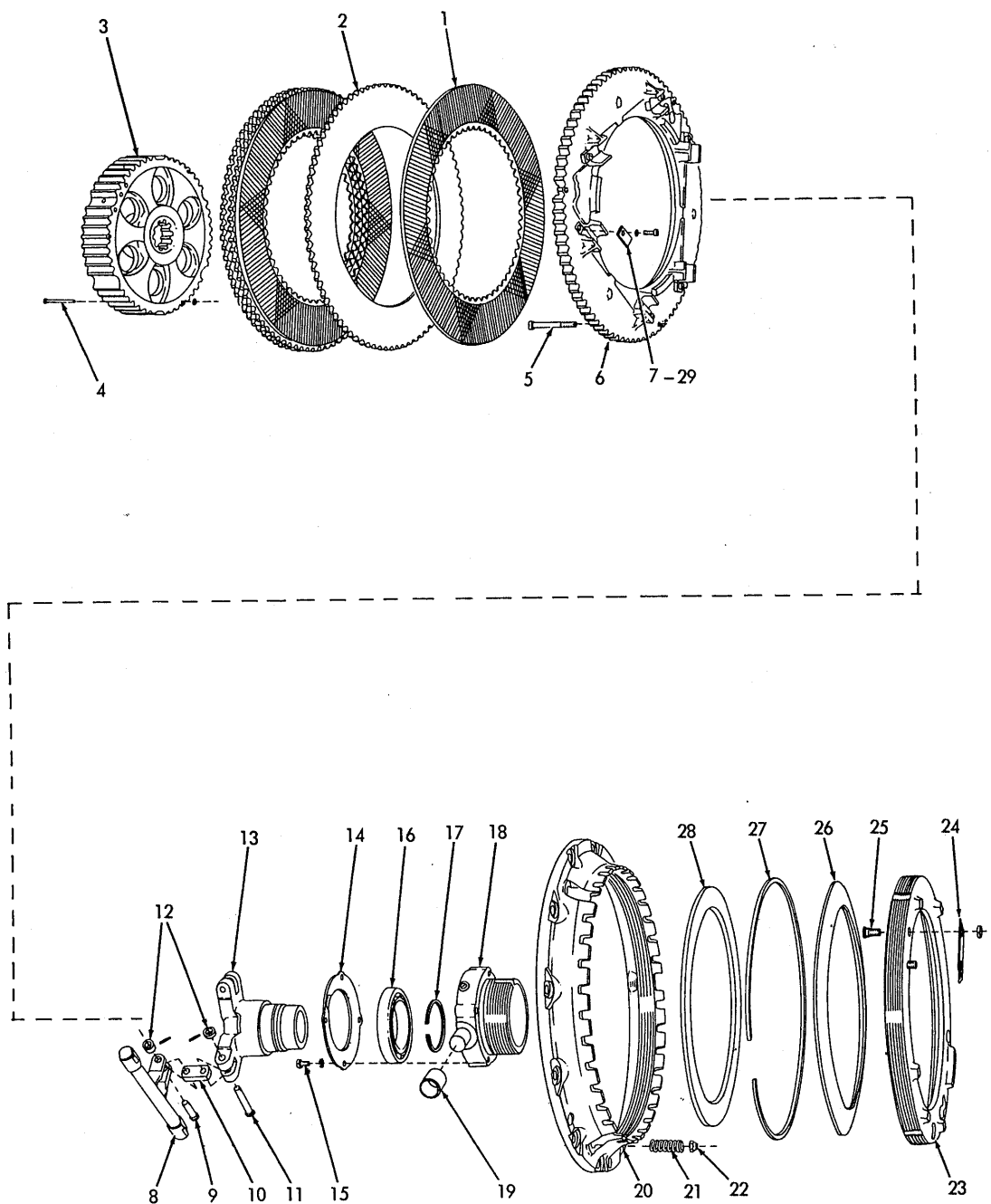
ENGINE CLUTCH AND HOUSING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
17	622924	1	1	HOUSING, engine clutch
	916272	9	9	CAPSCREW, 3/8"NC x 1-1/4" (7 less used on Model HD6E tractors #14484 and up)
18	919224	7	7	CAPSCREW, 3/8"NC x 1-1/8" (Model HD6E tractors #14484 and up only)
	904206	9	9	LOCKWASHER, 3/8"
19	622921	1	1	GASKET, access cover
20	622585	1	1	COVER, clutch access
21	916271	6	6	CAPSCREW, 3/8"NC x 1"
	904206	6	6	LOCKWASHER, 3/8"
22	050748	1	1	BREATHER, clutch housing
23	078814	1	1	GASKET, rear bearing retainer
24	634156	1	1	RETAINER, clutch shaft rear bearing
	907070	1	-	PLUG, pipe, ctsk-hd., 1/4"NPT (Used prior to tractor #14906)
	915739	1	1	PLUG, pipe, ctsk-hd., 3/8"NPT (Effective with tractor #14906)
25	916272	6	6	CAPSCREW, 3/8"NC x 1-1/4"
	904206	6	6	LOCKWASHER, 3/8"
26	042847	1	1	BEARING, ball, clutch shaft, rear
27	050293	1	1	RING, snap, clutch shaft
28	050647	1	1	GASKET, oil seal retainer
29	620195	1	1	RETAINER, rear, oil seal
30	919230	4	4	CAPSCREW, 1/2"NC x 1-3/8"
	904208	4	4	LOCKWASHER, 1/2"
31	096761	1	1	SEAL, oil, clutch shaft, rear
32	642216	-	1	RING, snap, clutch thrust (Effective with tractor #17090)



USAGE: Tractors with oil clutch. Standard on Model HD6AG; also on Model HD6E tractors serial No. 14484 and up; optional on prior units as well as on all Models HD6A, B.

ITEM	PART NO.	QTY.	DESCRIPTION
1	620329	1	JOINT ASSY., universal (Consists of items 2 thru 9 and FITTING indented below)
	914687	1	FITTING, lubricating, straight, 1/4"NF
2	620196	1	YOKE, connecting
3	073932	8	CAPSCREW, 5/16"NF x 7/8"
4	073935	4	LOCK, capscrew
5	086284	2	SPIDER ASSY. (Includes bearing, item 6 and FITTING indented below. Serviced only as a unit)
	914687	2	FITTING, lubricating, straight, 1/4"NF
6	625543	8	SEAL, spider bearing
7	622935	1	YOKE, front
8	073932	4	CAPSCREW, 5/16"NF x 7/8"
9	073935	2	LOCK, capscrew
10	085879	1	YOKE ASSY., rear (Includes item 13)(Tractors prior to #19771 on HD6B and #19867 on HD6E)
	651396	1	YOKE, rear (Effective with tractor #19771 on HD6B, #19867 on HD6E and on all Model HD6AG tractors)
11	073932	4	CAPSCREW, 5/16"NF x 7/8"
12	073935	2	LOCK, capscrew
13	050569	3	PIN, driving, transmission seal ring (Tractors prior to #19771 on HD6B and #19867 on HD6E)
14	050548	1	SEAL, yoke
15	050547	1	WASHER, yoke retaining
16	070162	1	CAPSCREW, yoke retaining
17	023633	1	WIRE, locking, 1/16" x 12"



CLUTCH ASSEMBLY 644218

T-38176

CLUTCH ASSEMBLY 644218

USAGE: See page 139

ITEM	PART NO.	QTY.	DESCRIPTION
1	645451	4	DISC, friction, inner
2	642453	3	DISC, friction, outer
3	{ 623308	1	CENTER, splined (Used prior to tractor #17090)
	{ 642256	1	CENTER, splined (Effective with tractor #17090)
4	{ 623621	3	SCREW, disc retaining (Used prior to tractor #17090)
	{ 910243	6	WASHER, plain, SAE std., 3/16"
	{ 922714	3	NUT, elastic stop, #10-NF
	{ 642258	3	RIVET, disc retaining (Effective with tractor #17090)
	{ 645706	3	WASHER, plain
5	623456	3	CAPSCREW, retracting spring
6	638621	1	PLATE ASSEMBLY, pressure (Includes item 7)
7	223585	6	☐ BLOCK, cam (Recommend replacement in sets)
	901226	6	☐ SCREW, machine, fil-hd., 1/4"NC x 1/2"
	914593	6	☐ LOCKWASHER, external teeth, 1/4"
8	638652	3	CAMSHAFT ASSEMBLY (Recommend replacement in sets Includes 6 rollers which are not serviced separately)
9	{ 040221	3	PIN, connecting link, short (Used prior to November 1962)
	{ 901165	3	WASHER, plain, U.S. std., 5/16"
	{ 913984	3	PIN, spring, 1/8" x 5/8"
	{ 638649	3	PIN, connecting link, short (Effective November 1962)
	{ 919180	3	PIN, spring, 1/8" x 5/8"
10	073626	3	LINK, connecting
11	{ 040220	3	PIN, connecting link, long (Used prior to November 1962)
	{ 901165	3	WASHER, plain, U.S. std., 5/16"
	{ 913984	3	PIN, cotter, 1/8" x 5/8"
	{ 638648	3	PIN, connecting link, long (Effective November 1962)
	{ 919180	3	PIN, spring, 1/8" x 5/8"
12	638650	6	COLLAR, connecting link pin (Effective November 1962)
13	623457	1	SLEEVE ASSEMBLY, shifting (Includes 2 bushings which are not serviced separately)
14	630806	1	PLATE, bearing carrier
15	045312	4	CAPSCREW, 5/16"NC x 5/8"
	904205	4	LOCKWASHER, 5/16"
16	057773	1	BEARING, ball, shifting sleeve
17	073908	1	RING, retaining, shifting sleeve bearing
18	623459	1	CARRIER ASSEMBLY, bearing (Includes item 19)
19	056864	2	RACE, inner, shifting yoke needle bearing
20	623449	1	PLATE, back

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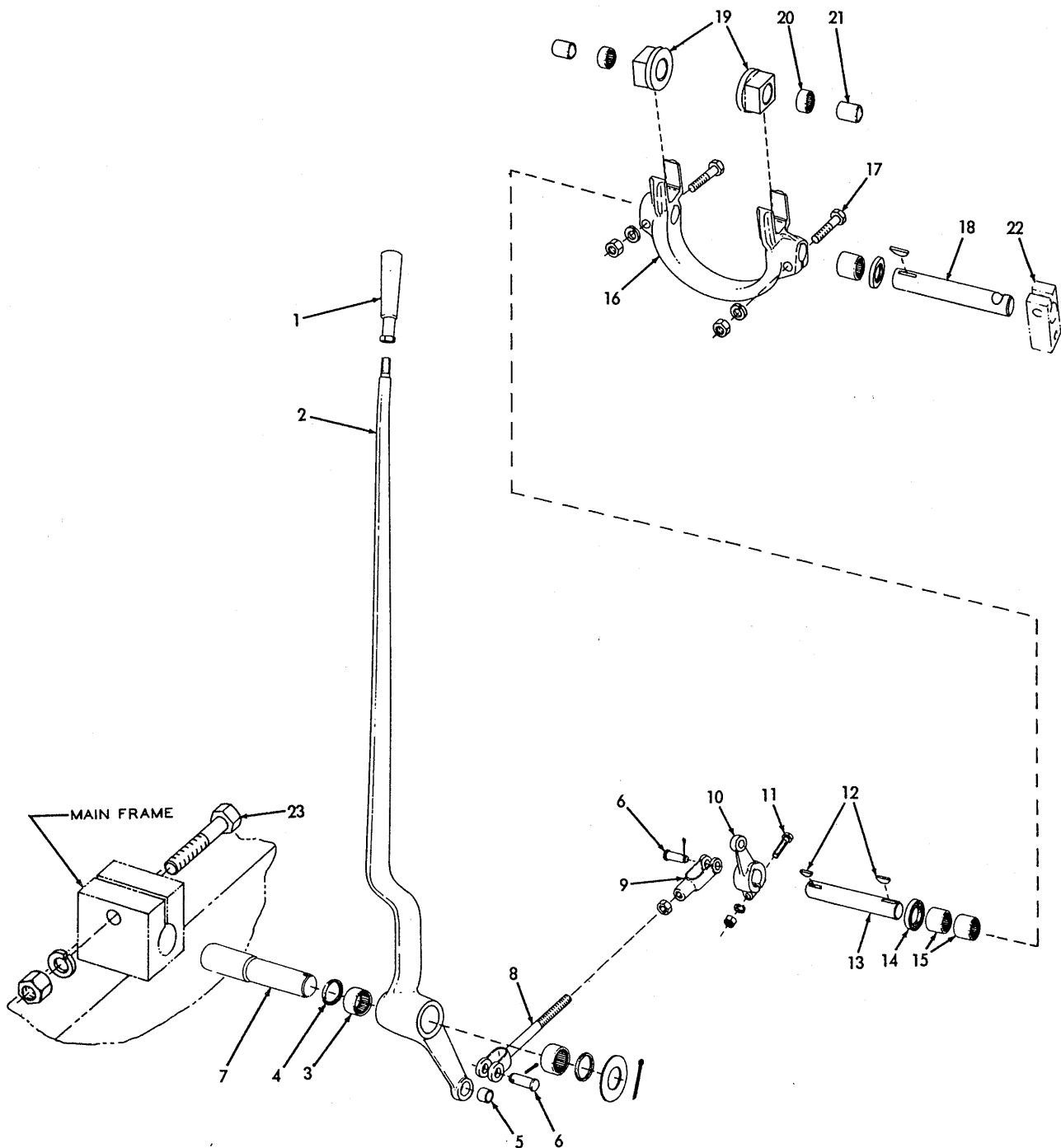
CLUTCH ASSEMBLY 644218 (Continued)

ITEM PART NO. QTY. DESCRIPTION

21	{	078667	3	SPRING, pressure plate retracting (light type)(Used prior to December 1962)	
		639751	3	SPRING, pressure plate retracting (heavy type)(Effective December 1962)	
22		073927	3	NUT, retracting spring screw (self-locking)	
23	{	-----	1	RING, adjusting (Used prior to tractor #14187. Order RING 624669 and WASHER 624670)	
		624669	1	RING, adjusting (Effective with tractor #14187)	
24		646825	1	LOCK, adjustment	
25	{	042767	2	SCREW (fl-hd., 3/8"NF x 1/2")	} Used prior to December 1962
		911048	2	NUT, jam, 3/8"NF	
		639752	2	SCREW (fl-hd., 3/8"NF x 7/8")	} Effective December 1962
		639750	2	NUT, flanged (3/8"NF)	
26	{	-----	1	WASHER, pressure (Used prior to tractor #14187. Order WASHER 624670 and RING 624669)	
		624670	1	WASHER, pressure (Effective with tractor #14187)	
27		623452	1	RING, washer retaining	
28		623453	1	PLATE, adjusting ring	
29		043397	1	BLOCK KIT, clutch camshaft (Full set of blocks and attaching parts listed under item 7 above)	

☐ Components of item 29

MEMO



ENGINE CLUTCH CONTROL (Oil Clutch)

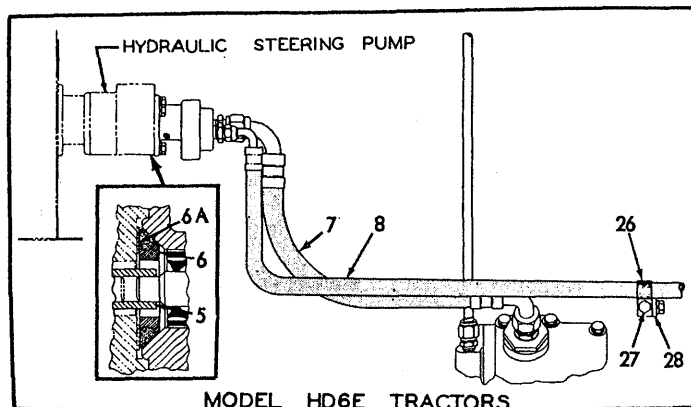
T-30862

ENGINE CLUTCH CONTROL (Oil Clutch)

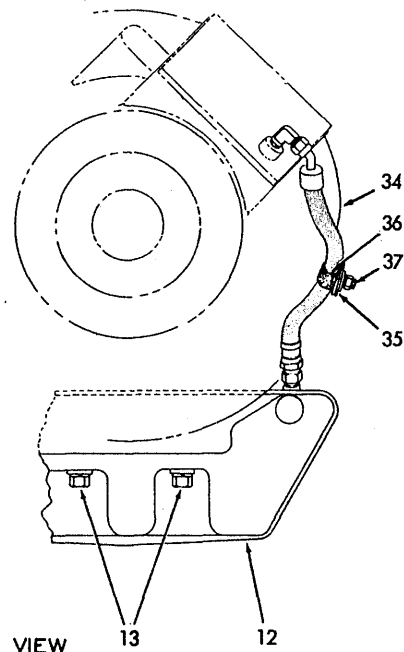
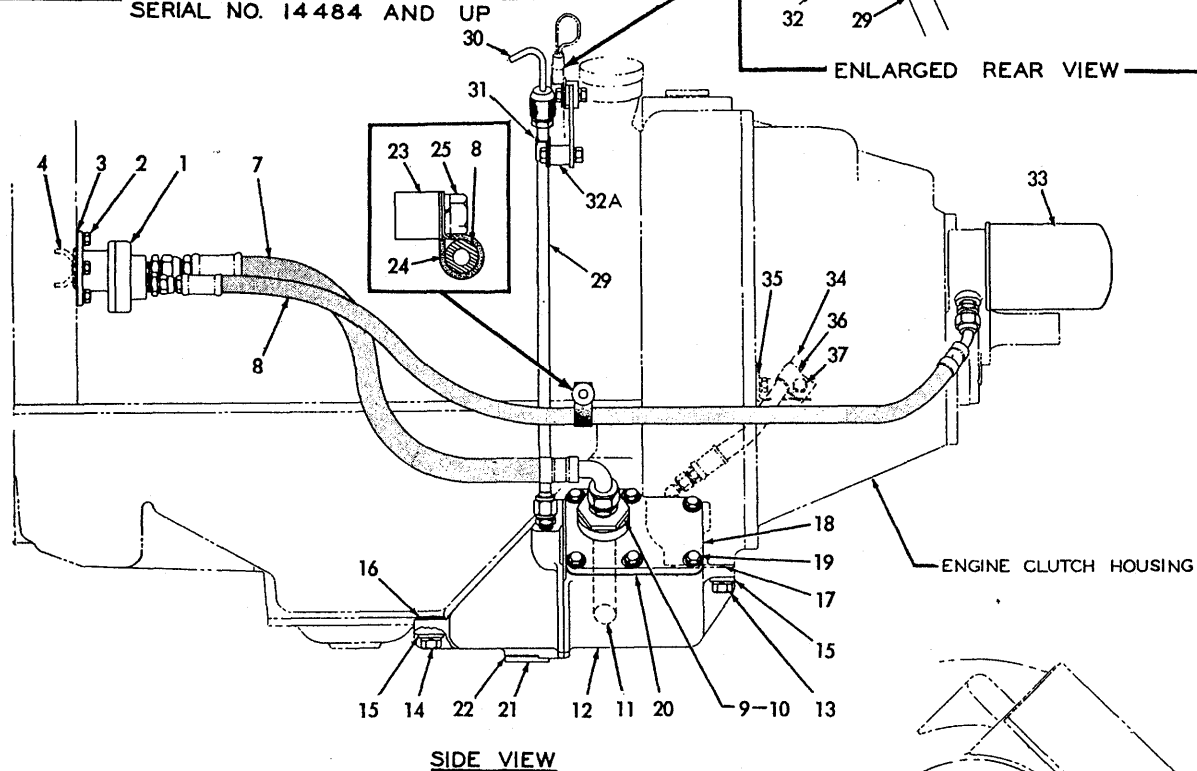
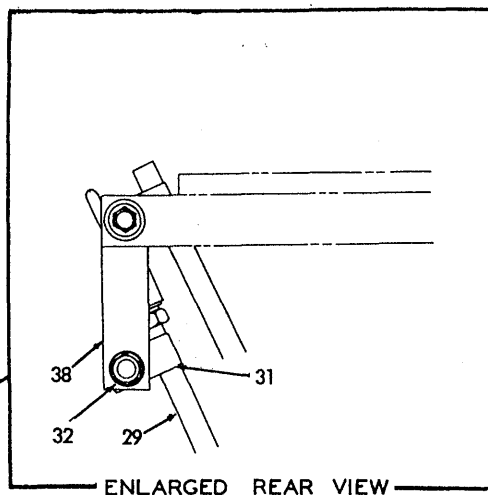
USAGE: Tractors with oil clutch. Standard on Model HD6AG; also on Model HD6E tractors serial No. 14484 and up; optional on prior units as well as on Models HD6A, B

* Models HD6A, B, AG also Model HD6E tractors prior to serial No. 14484.
** Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	078620	1	1	GRIP, operating lever
2	088626	1	-	LEVER ASSEMBLY, clutch operating (Includes item 5)
	631150	-	1	LEVER ASSEMBLY, clutch operating (Includes item 5)
3	051513	2	2	BEARING, needle, operating lever
4	053926	2	2	SEAL, dust, operating lever
5	049988	1	1	BUSHING, operating lever (steel)
6	049993	2	2	PIN, operating rod yoke
	900805	2	2	PIN, cotter, 1/8" x 3/4"
7	085768	1	1	SHAFT, operating lever
	911159	1	1	WASHER, plain, SAE std., 1"
	910302	1	1	PIN, cotter, 5/32" x 1-1/4"
8	088624	1	-	ROD, clutch operating
	628975	-	1	ROD, clutch operating
	911043	1	1	NUT, 1/2"NF
9	068389	1	1	YOKE, operating rod
10	089801	1	-	LEVER, clutch control
	097784	-	1	LEVER, clutch control
11	910948	1	1	CAPSCREW, 3/8"NC x 2"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
12	036997	3	3	KEY, #13 woodruff, 3/16" x 1" (hardened)
13	622912	1	1	SHAFT, clutch shifting yoke, left side
14	603010	2	2	SEAL, oil, shifting yoke shaft
15	604925	3	3	BEARING, needle, shifting yoke shaft
16	056873	1	1	YOKE, clutch shifting
17	645295	2	2	CAPSCREW, thin-hd., 1/2"NF x 2-1/4"
	904208	2	2	LOCKWASHER, 1/2"
	911043	2	2	NUT, 1/2"NF
18	622913	1	1	SHAFT, clutch shifting yoke, right side
19	056865	2	2	BLOCK, sliding, shifting yoke
20	050442	2	2	BEARING, needle, shifting yoke
21	-----	2	2	RACE, shifting yoke needle bearing (See CLUTCH ASSEMBLY)
22	-----	1	1	LEVER, gear shift lock (See GEAR SHIFT)
23	914876	-	1	CAPSCREW, retaining, operating lever shaft (5/8"NC x 2-1/2")
	904209	-	1	LOCKWASHER, 5/8"
	911029	-	1	NUT, 5/8"NC



MODEL HD6E TRACTORS
SERIAL NO. 14 484 AND UP



ENGINE CLUTCH OILING SYSTEM

T-30864

ENGINE CLUTCH OILING SYSTEM

USAGE: Tractors with oil clutch. Standard on Model HD6E tractors serial No. 14484 and up; optional on prior units as well as on Models HD6A, B.

* Models HD6A, AG, B; also Model HD6E tractors prior to serial No. 14484

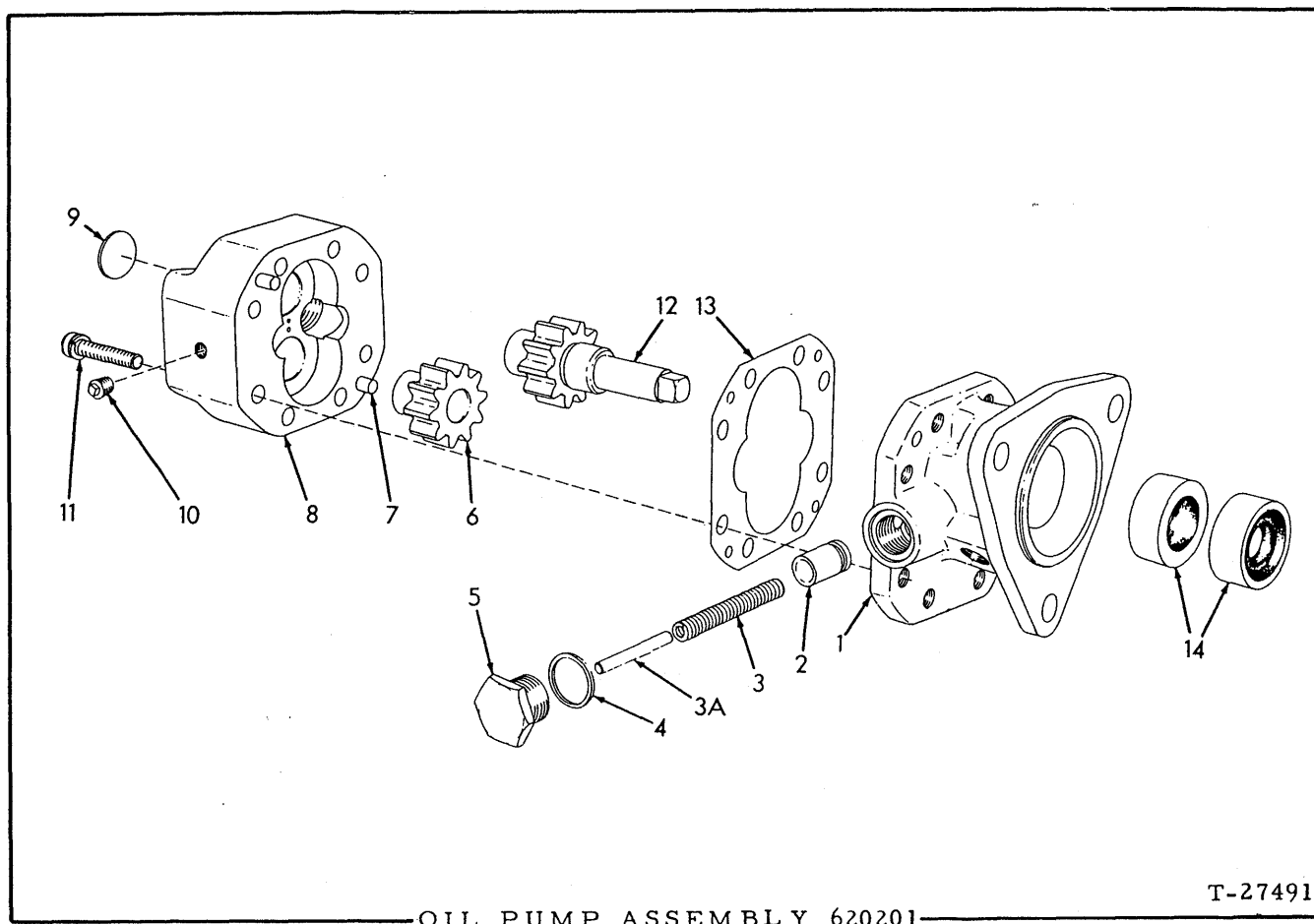
** Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	620201	1	1	PUMP ASSEMBLY, oil (See page 151 for parts)
2	921194	3	3	CAPSCREW, Nylok, 5/16"NC x 7/8"
	904205	3	3	LOCKWASHER, 5/16"
3	4376605	1	-	GASKET, oil pump
4	630914	1	-	COUPLING, pump drive
5	624122	-	1	COUPLING, pump drive
6	621485	-	1	RING, seal adapting
6A	633459	-	1	GASKET, seal adapting ring
7	646915	1	-	HOSE, tank to pump (See HOSE PARTS)
	620277	-	1	HOSE ASSEMBLY, tank to pump (See HOSE PARTS)
	919615	1	1	CONNECTOR, flare type, 3/4" tube, 1/2"NPT male
	919342	1	1	CONNECTOR, flare type, 3/4" tube, 3/4"NPT male
8	646914	1	-	HOSE, pump to filter (See HOSE PARTS)
	646151	-	1	HOSE, pump to filter (See HOSE PARTS)
	919063	1	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male (Used prior to tractor #14906 at rear end)
	919128	1	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male (1 additional used on tractors #14906 and up)
9	620072	1	1	ADAPTOR, oil tank
10	035249	1	1	GASKET, oil tank adaptor
11	621039	1	1	SCREEN, oil
12	632279	1	1	TANK, oil (If for tractors prior to #15386 also order HOSE 646142. If for tractors prior to #14218 also add 1 COVER 623919 and 1 GASKET 623925)
13	915987	4	4	CAPSCREW, 1/2"NC x 1-1/2"
14	916313	2	2	CAPSCREW, 1/2"NC x 1-3/4"
	904208	6	6	LOCKWASHER, 1/2"
15	064531	6	6	WASHER, plain
16	622520	2	2	SHIM, tank mounting (1/16" thick. Use as required)
	622521	6	6	SHIM, tank mounting (1/32" thick. Use as required)
17	923814	1	1	O-RING, oil tank
18	622463	1	-	COVER, oil tank (Used prior to tractor #14218)
	623919	1	1	COVER, oil tank (Effective with tractor #14218)
19	916272	6	6	CAPSCREW, 3/8"NC x 1-1/4"
	904206	6	6	LOCKWASHER, 3/8"

(Continued)

ENGINE CLUTCH OILING SYSTEM (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
20	622516	1	-	GASKET, oil tank cover (Used prior to tractor #14218)
	623925	1	1	GASKET, oil tank cover (Effective with tractor #14218)
21	035250	1	1	PLUG, oil drain
22	035249	1	1	GASKET, oil drain plug
23	065785	1	-	BLOCK, clip attaching (Used prior to tractor #14782)
24	621304	1	-	CLIP, hose supporting (3/4" diam.)(Used prior to tractor #18189)
	644713	1	-	CLIP, hose supporting (7/8" diam.)(Effective with tractor #18189)
25	035067	1	-	CAPSCREW, 1/2"NF x 2" (Used prior to tractor #14782)
	914875	1	-	CAPSCREW, 1/2"NF x 1" (Effective with tractor #14782)
	904208	1	-	LOCKWASHER, 1/2"
26	094467	-	1	CLIP, hose supporting (3/4" diam.)(Used prior to tractor #18189)
	644713	-	1	CLIP, hose supporting (7/8" diam.)(Effective with tractor #18189)
27	915408	-	1	CAPSCREW, 3/8"NC x 3/4"
	904206	-	1	LOCKWASHER, 3/8"
	911026	-	1	NUT, 3/8"NC
28	628821	-	1	SUPPORT, hose clip
29	622518	1	1	TUBE ASSEMBLY, oil level gauge (Includes nut and sleeve)
	919063	1	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
30	639081	1	1	GAUGE, oil level
31	091046	1	1	CLIP, tube supporting
32	916273	1	1	CAPSCREW, 3/8"NC x 1-3/4"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
32A	085452	1	1	BLOCK, clip spacing
33	4511629	1	1	FILTER ASSEMBLY, oil (Serviced only as a unit)
	919063	1	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
34	622588	1	1	HOSE ASSEMBLY, tank venting (See HOSE PARTS) (Used prior to tractor #15386)
	646142	1	1	HOSE ASSEMBLY, tank venting (See HOSE PARTS) (Effective with tractor #15386)
	919135	1	1	ELBOW, flare type, 90°, 3/8" tube, 1/4"NPT male
	920316	1	1	ELBOW, flare type, 45°, 3/8" tube, 1/4"NPT male
35	628821	1	1	SUPPORT, venting hose
36	094422	1	1	CLIP, hose supporting (21/32" diam.)(Used prior to tractor #18189)
	621304	1	1	CLIP, hose supporting (3/4" diam.)(Effective with tractor #18189)
37	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	911115	1	1	WASHER, plain, SAE std., 3/8"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
38	624179	1	1	STRAP, supporting, oil level gauge

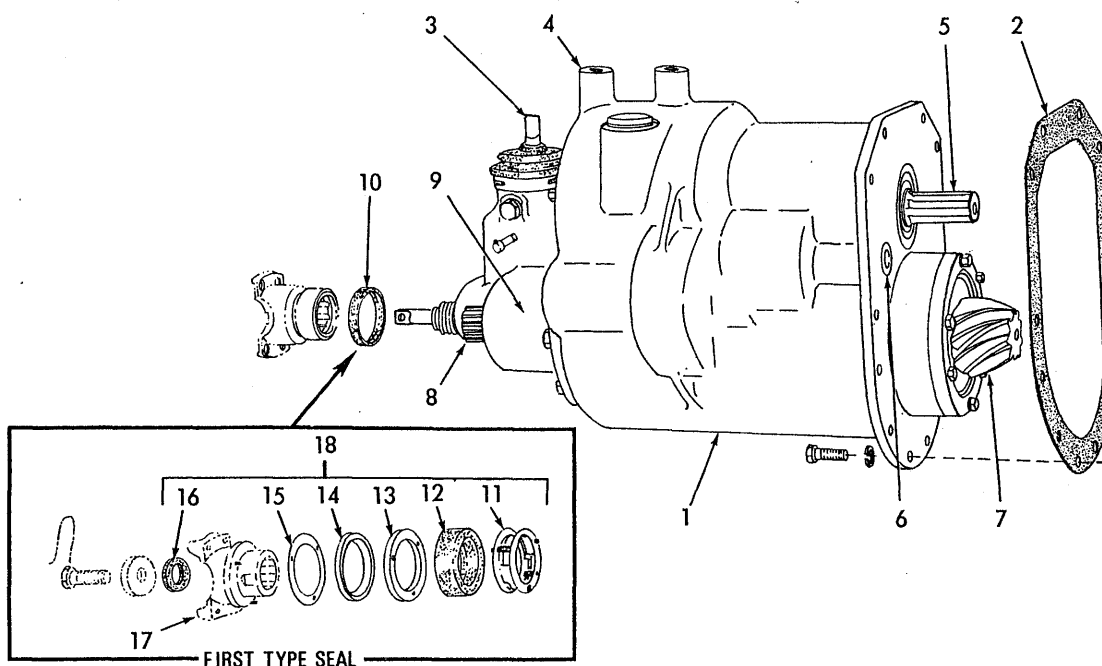


OIL PUMP ASSEMBLY 620201

T-27491

USAGE: See page 149

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	STATOR (Not serviced separately)
2	4047994	1	PLUNGER, pressure relief
3	076259	1	SPRING, pressure relief plunger
3A	4047993	1	PIN, pressure relief plunger spring
4	4048002	1	GASKET, pressure relief spring plug
5	4048001	1	PLUG, pressure relief spring
6	621315	1	GEAR, driven
7	4048000	2	PIN, dowel, stator to housing
8	-----	1	HOUSING (Not serviced separately)
9	092107	2	PLUG, expansion, 11/16" diam.
10	628468	1	PLUG, pipe, 1/16"NPT
11	077239	8	SCREW ASSEMBLY (Includes lockwasher)
12	621316	1	SHAFT ASSEMBLY (Includes driving gear)
13	621363	1	GASKET, pump housing
14	4047783	2	SEAL, pump shaft



TRANSMISSION

T-75016

*HD6A, B, AG tractors prior to S/N 21448; also HD6E tractors prior to S/N 14484

**HD6B, AG tractors S/N 21448 and up; also HD6E tractors S/N 14484 and up

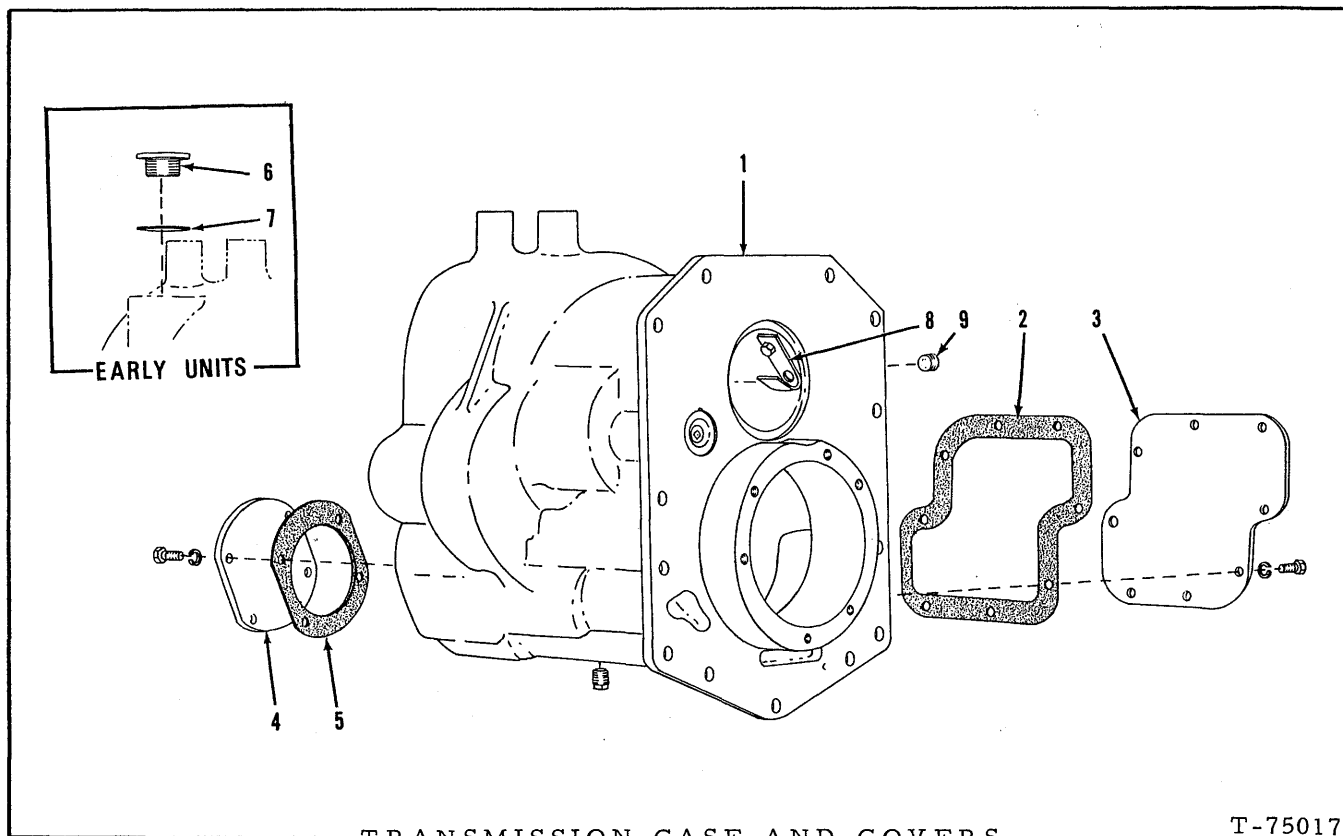
ITEM	PART NO.	QTY. * **		DESCRIPTION	
1	651397	1	-	TRANSMISSION ASSEMBLY (Standard. Has 5 forward speeds and 1 reverse)	If for tractors prior to #19771 also order YOKE 651396
	651401	1	-	TRANSMISSION ASSEMBLY (Optional. Has 4 forward speeds and 2 reverse)	
	666325	-	1	TRANSMISSION ASSEMBLY (Standard on Models HD6B, AG. Has 5 forward speeds and 1 reverse)	If for tractors prior to #19867 also order Yoke 651396
	656616	-	1	TRANSMISSION ASSEMBLY (Optional on Models HD6B, AG. Has 4 forward speeds and 2 reverse)	
	651398	-	1	TRANSMISSION ASSEMBLY (Standard on HD6E. Has 5 forward speeds and 1 reverse)	
	651399	-	1	TRANSMISSION ASSEMBLY (Optional on HD6E. Has 4 forward speeds and 2 reverse)	
	919230	12	13	CAPSCREW, 1/2"NC x 1-3/8"	
	920541	-	13	CAPSCREW, Nylok, 1/2"NC x 1-1/2" (HD6E only)	
	904208	12	13	LOCKWASHER, 1/2"	
2	050298	1	-	GASKET, transmission to main housing	
	627249	-	1	GASKET, transmission to main housing	
3	-----	-	-	See GEAR SHIFT	
4	-----	-	-	See TRANSMISSION CASE AND COVERS	
5	-----	-	-	See TRANSMISSION TOP SHAFT	

(Continued)

TRANSMISSION (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	-----	-	-	See TRANSMISSION LOW SPEED REVERSE
7	-----	-	-	See TRANSMISSION BEVEL PINION SHAFT
8	-----	-	-	See TRANSMISSION INPUT SHAFT
9	-----	-	-	See TRANSMISSION HIGH SPEED REVERSE
10	651299	1	1	SEAL, oil, input shaft (Effective with tractor #19771 on HD6A, B; tractor #19867 on HD6E; all HD6AG tractors)
<u>NOTE:</u> Items 11 thru 15 comprise the FIRST TYPE INPUT SHAFT SEAL used on HD6A, B tractors prior to S/N 19771 and HD6E tractors prior to #19867.				
11	056588	1	-	⊠ SPRING ASSEMBLY, input shaft seal (Serviced only as a unit)
12	621860	1	-	⊠ BOOT, input shaft seal
13	056589	1	-	⊠ RING, seal, input shaft (bronze)
14	049110	1	-	⊠ RING, seal, input shaft (steel)
15	049836	1	-	⊠ GASKET, input shaft seal ring
16	-----	-	-	⊠ SEAL (See UNIVERSAL JOINT)
17	-----	-	-	YOKE (See UNIVERSAL JOINT)
18	082876	1	1	SEAL KIT (Items 11 thru 16)
⊠ Components of item 18				

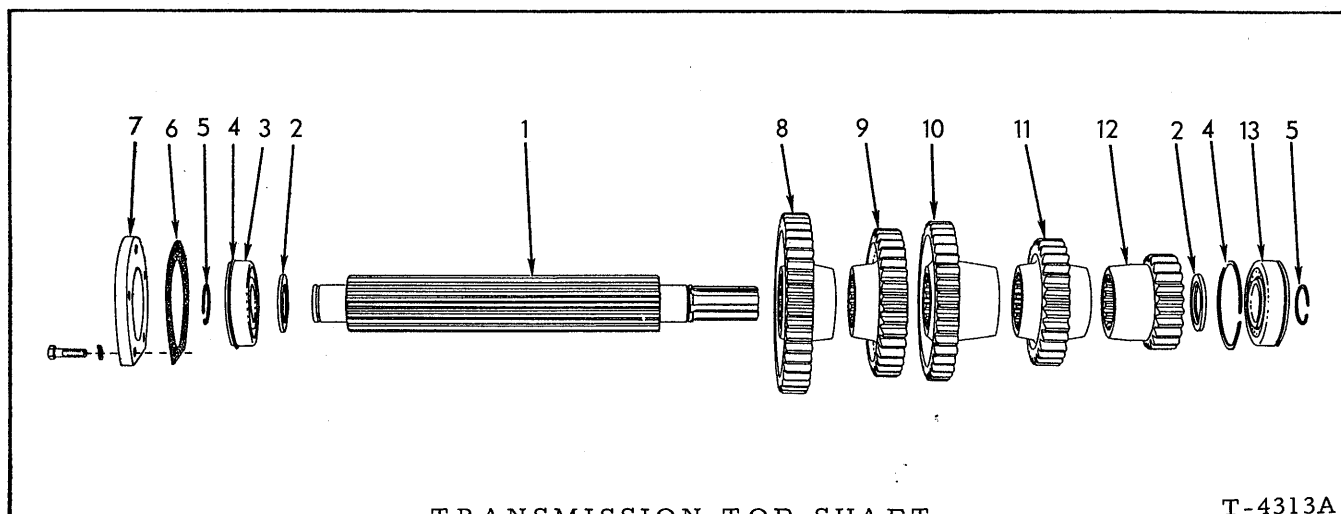
"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



*HD6A, B, AG tractors prior to S/N 21448; also HD6E tractors prior to S/N 14484

**HD6B, AG tractors S/N 21448 and up; also HD6E tractors S/N 14484 and up

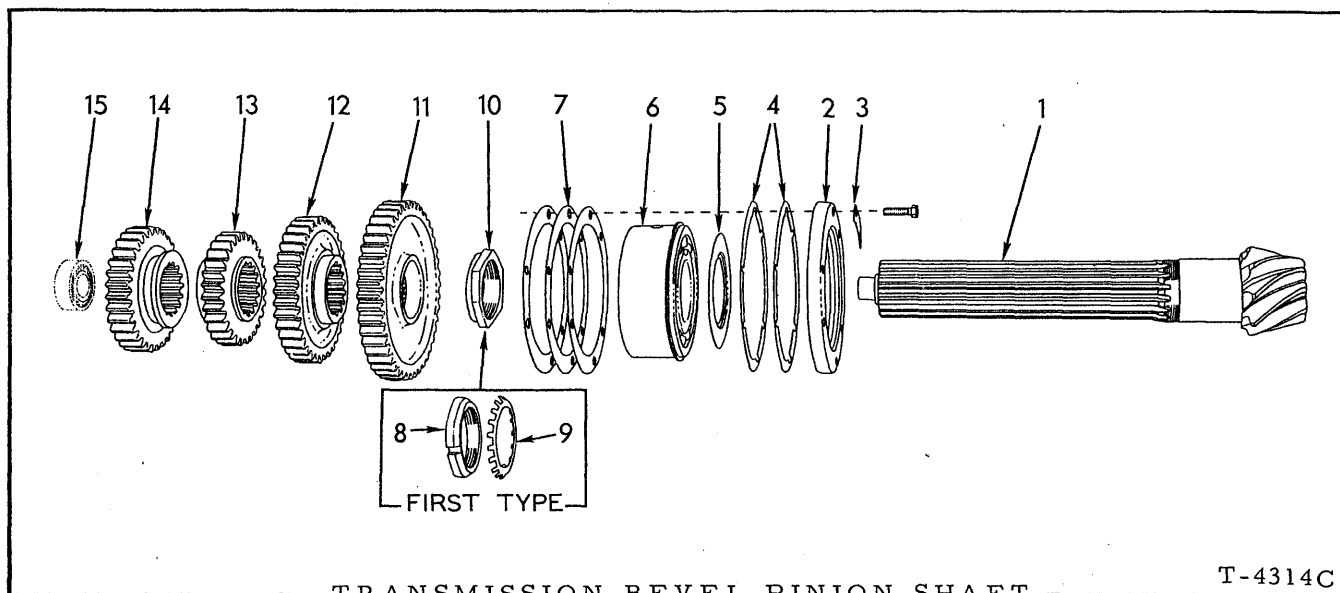
ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
1	075711	1	-	CASE ASSEMBLY	Each includes high-speed reverse shaft
	628892	-	1	CASE ASSEMBLY	
	901653	1	1	PLUG, pipe, 3/8"NPT	
2	050304	1	1	□GASKET, side cover	
3	080808	1	1	COVER, side (Not for HD6E tractors #14484 and up)	
	901652	1	1	PLUG, pipe, 1/4"NPT	
	624117	-	1	COVER, side (HD6E only)	
	915408	8	8	CAPSCREW, 3/8"NC x 3/4"	
	904206	8	8	LOCKWASHER, 3/8"	
4	649097	-	1	COVER, front	Models HD6B, AG only
	916271	-	4	CAPSCREW, 3/8"NC x 1"	
	904206	-	4	LOCKWASHER, 3/8"	
5	627357	-	1	GASKET, front cover	
6	035250	1	-	PLUG, oil filler	
7	035249	1	-	□GASKET, filler plug	
8	627412	-	1	DEFLECTOR, oil	
	631181	-	1	CAPSCREW	
	917264	-	1	WASHER, plain (copper)	
	903416	-	1	NUT, slotted, 3/8"NC	
	900802	-	1	PIN, cotter, 3/32" x 1"	
9	-----	-	1	TEE, oil (HD6E only. See TRANSMISSION OIL LINES)	
	904223	-	1	PLUG, pipe, ctsk-hd., 1/2"NPT (HD6B, AG only)	



TRANSMISSION TOP SHAFT

T-4313A

ITEM	PART NO.	QTY.	DESCRIPTION
1	049938	1	SHAFT
2	624075	2	WASHER, thrust
3	090645	1	BEARING, ball, front end
4	053237	2	RING, snap, bearing retaining
5	051344	2	RING, snap, top shaft
6	050296	1	GASKET, front bearing cover
7	050297	1	COVER, front bearing
	628145	1	COVER, front bearing (HD6E tractors #14484 and up only)
	922211	5	CAPSCREW, Nylok, 3/8"NC x 1-1/4"
	904206	5	LOCKWASHER, 3/8"
8	049915	1	GEAR, constant mesh (43 teeth)
9	049924	1	GEAR, 3rd speed (35 teeth)
10	049916	1	GEAR, 4th speed (38 teeth) (Standard 5-speed transmission)
	068797	1	GEAR, high-speed reverse (36 teeth) (Optional 4-speed transmission)
11	049934	1	GEAR, second speed (30 teeth)
12	049944	1	GEAR, low speed (22 teeth)
13	051345	1	BEARING, roller, rear end



TRANSMISSION BEVEL PINION SHAFT

T-4314C

*HD6A, B, AG tractors prior to S/N 21448; also HD6E tractors prior to S/N 14484

**HD6B, AG tractors S/N 21448 and up; also HD6E tractor S/N 14484 and up

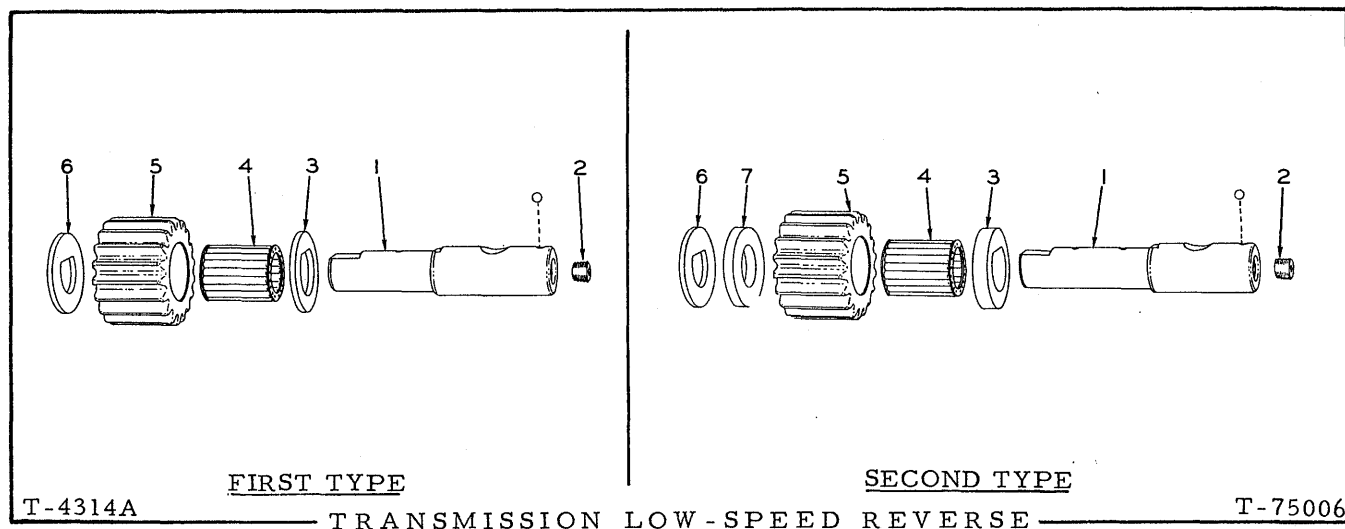
ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
1	057415	1	-	PINION AND SHAFT (9 teeth) (If for tractors prior to #15586 also order item 10)	
	624635	-	1	PINION AND SHAFT (9 teeth)	
2	052247	1	-	RETAINER, rear bearing	
	624108	-	1	RETAINER, rear bearing	
	916272	6	6	CAPSCREW, 3/8"NC x 1-1/4"	
3	052281	3	-	STRIP, locking, retainer cap screws	
	624780	-	3	STRIP, locking, retainer cap screws	
4	053209	3	-	SHIM, bearing retainer (.005" thick)	Use as req'd
	053206	3	-	SHIM, bearing retainer (.007" thick)	
	624775	-	3	SHIM, bearing retainer (.005" thick)	
	624776	-	3	SHIM, bearing retainer (.007" thick)	
5	052231	1	-	SHIELD, rear bearing	
6	081670	1	-	BEARING, ball, rear end (Includes snap ring)	
	627319	-	1	BEARING, ball, rear end (Includes snap ring)	
7	052272	2	-	SHIM, rear bearing (.005" thick)	Use as req'd
	052273	2	-	SHIM, rear bearing (.007" thick)	
	052274	3	-	SHIM, rear bearing (.010" thick)	
	624777	-	2	SHIM, rear bearing (.005" thick)	
	624778	-	2	SHIM, rear bearing (.007" thick)	
	624779	-	3	SHIM, rear bearing (.010" thick)	

(Continued)

TRANSMISSION BEVEL PINION SHAFT (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
8	-----	1	-	NUT, pinion shaft (Order item 10)	} Tractors prior to #15586
9	048694	1	-	LOCKWASHER, pinion shaft nut	
10	{ 632655	1	-	NUT, pinion shaft (Effective with tractor #15586)	
	{ 624781	-	1	NUT, pinion shaft	
11	{ 049921	1	-	GEAR, low speed and reverse (44 teeth)	
	{ 624115	-	1	GEAR, low speed and reverse (44 teeth)	
12	049922	1	1	GEAR, second speed (36 teeth)	
13	{ 049920	1	1	GEAR, 4th speed (28 teeth)(Standard 5 speed transmission)	
	{ 068807	1	1	GEAR, high-speed reverse (26 teeth)(Optional 4-speed transmission)	
14	049919	1	1	GEAR, 3rd and 4th speeds (31 teeth)	
15	-----	1	1	BEARING, roller (See TRANS. INPUT SHAFT)	

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

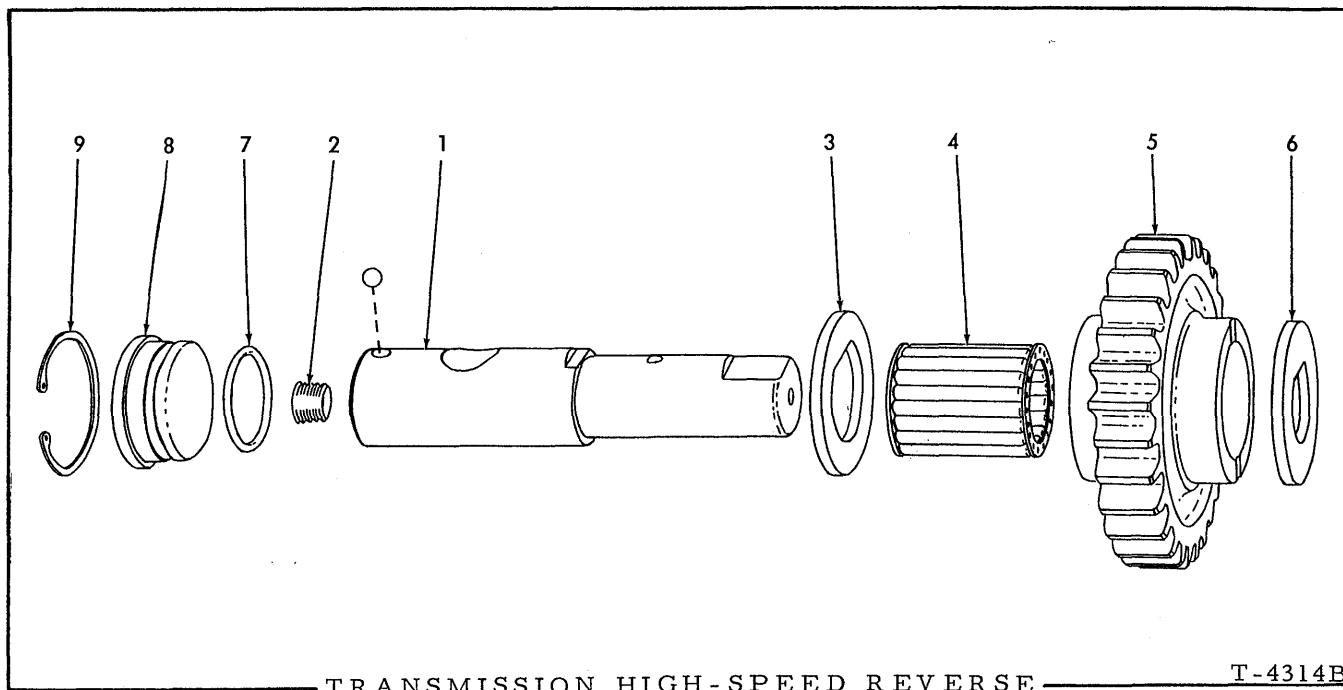


USAGE: Standard equipment

*HD6A, B, AG tractors prior to S/N 21448; also HD6E tractors prior to S/N 14484

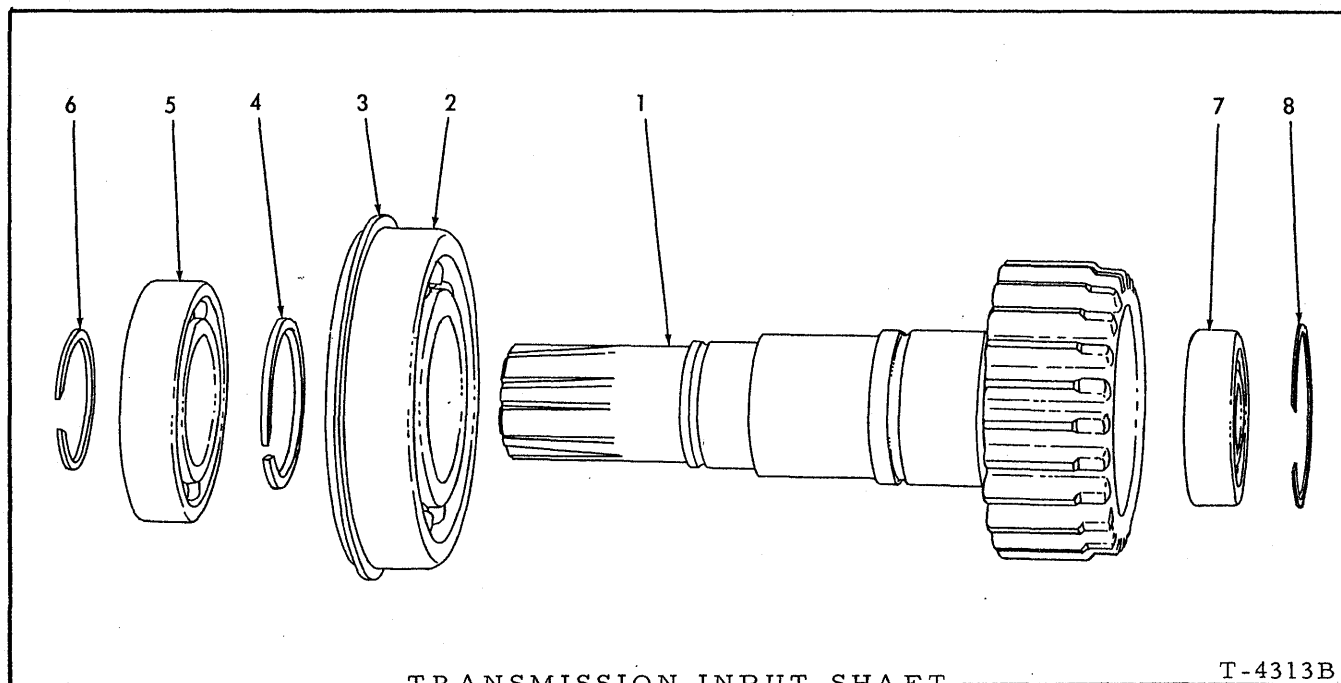
**HD6B, AG tractors S/N 21448 and up; also HD6E tractors S/N 14484 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	073000	1	-	SHAFT
	624070	-	1	SHAFT
	905359	1	1	BALL, steel, 5/16" diam.
2	051496	1	1	PLUG, shaft end
3	051301	1	-	WASHER, thrust
	624074	-	1	WASHER, thrust
4	050271	1	1	ROLLER ASSEMBLY, gear bearing
5	049933	1	1	GEAR (18 teeth)
6	051300	1	1	WASHER, thrust
7	624072	-	1	WASHER, thrust



USAGE: Optional equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	073000	1	SHAFT
	905359	1	BALL, steel, 5/16" diam.
2	051496	1	PLUG, shaft end
3	051300	1	WASHER, thrust, front side
4	050271	1	ROLLER ASSEMBLY, gear bearing
5	073001	1	GEAR (28 teeth)
6	051301	1	WASHER, thrust, back side
7	923813	1	O-RING, case hole plug
8	069999	1	PLUG, case hole
9	056362	1	RING, snap, plug retaining



TRANSMISSION INPUT SHAFT

T-4313B

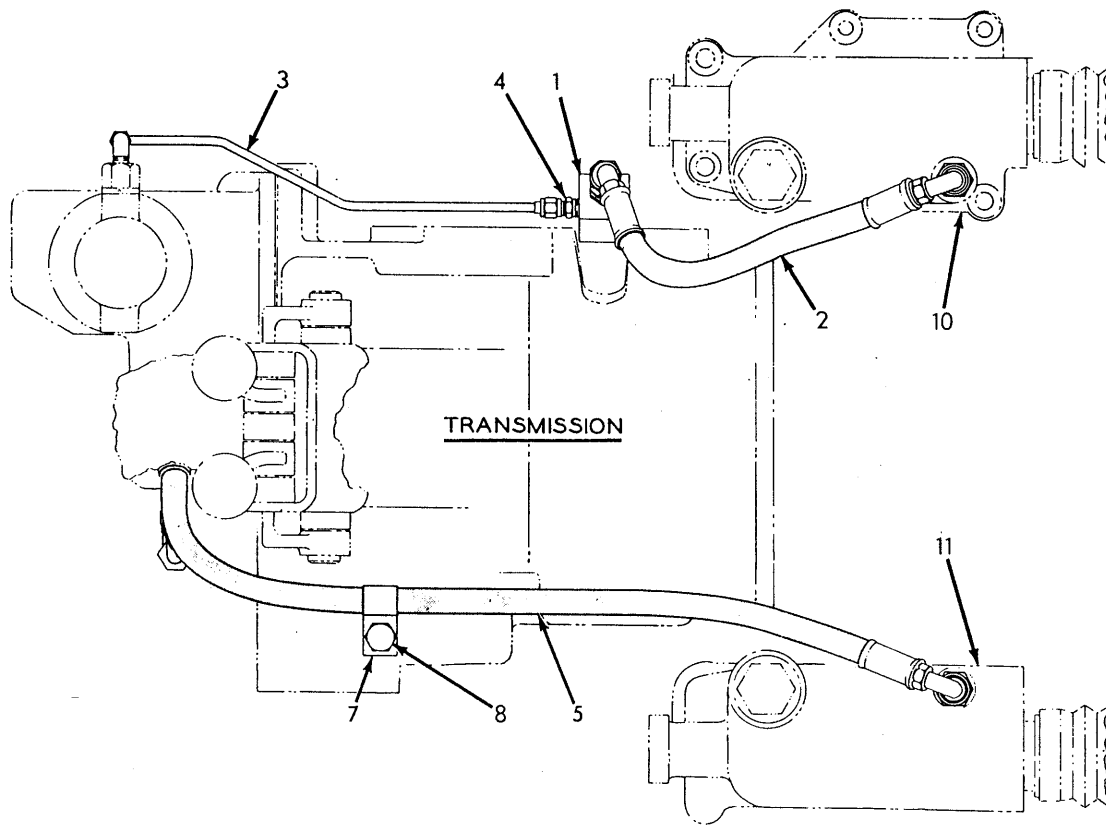
*HD6A, B, AG tractors prior to S/N 21448; also HD6E tractors prior to S/N 14484

**HD6B, AG tractors S/N 21448 and up; also HD6E tractors S/N 14484 and up

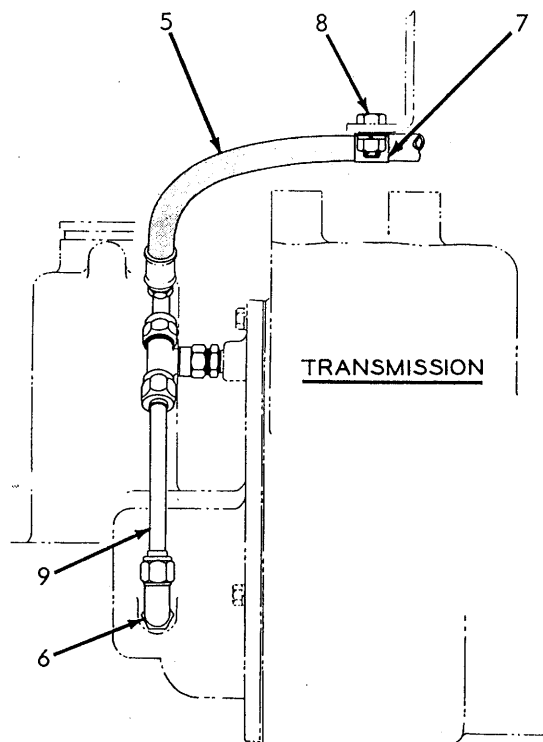
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	049943	1	-	SHAFT (23-tooth gear)
	624107	-	1	SHAFT (23-tooth gear)
2	050270	1	-	BEARING, ball, rear end (Includes item 3)
	649691	-	1	BEARING, roller, rear end
3	054457	1	1	RING, snap, rear bearing
4	050292	1	1	RING, snap, input shaft, rear
5	042847	1	1	BEARING, ball, front end
6	050293	1	-	RING, snap, input shaft, front
7	050272	1	-	BEARING, roller, pinion shaft front end
	624118	-	1	BEARING, roller, pinion shaft front end
8	050291	1	1	RING, snap, pinion shaft front bearing

MEMO

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



TOP VIEW



LEFT SIDE VIEW

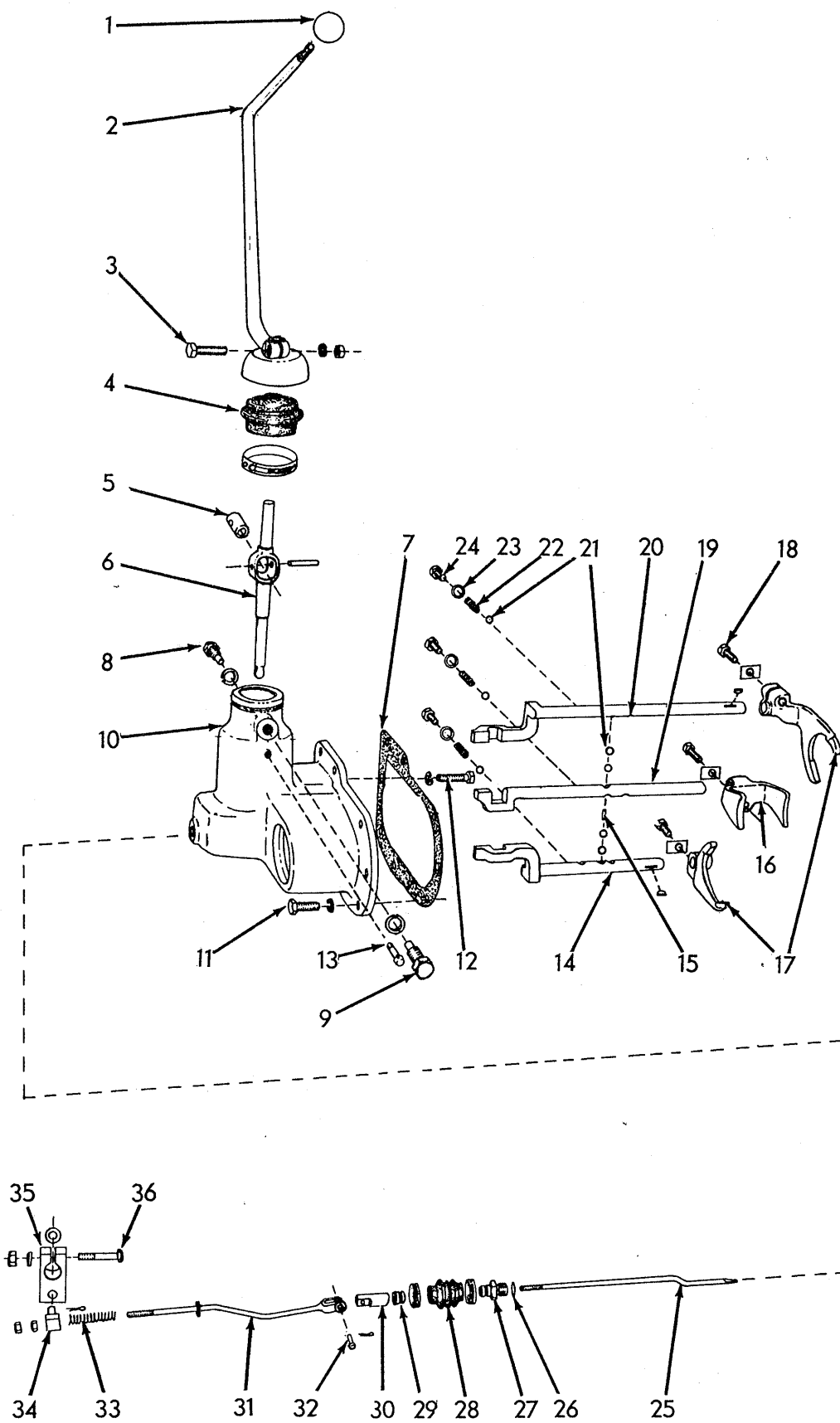
TRANSMISSION OIL LINES

T-32134

TRANSMISSION OIL LINES

USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	623174	1	TEE, oil distributing
	901652	1	PLUG, pipe, 1/4"NPT
2	628430	1	HOSE ASSEMBLY, brake valve to tee (See HOSE PARTS)
	919128	2	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
3	627408	1	TUBE ASSEMBLY, tee to gear shift housing (Includes nuts)
4	623602	1	CONNECTOR, flare type, restricted, 1/4" tube, 1/4"NPT male
	919546	1	ELBOW, flare type, 1/4" tube, 1/4"NPT male
5	644862	1	HOSE ASSEMBLY, brake valve to swivel tee (See HOSE PARTS)
	919128	1	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	921276	1	TEE, flare type, swivel nut, 1/2" tube
	919205	1	CONNECTOR, flare type, 1/2" tube, 1/4"NPT male
6	623188	1	CONNECTOR, flare type, restricted, 1/2" tube, 1/4"NPT male
7	{ 621304	1	CLIP, hose supporting (3/4" diam.)(Used prior to tractor #17909)
	{ 644713	1	CLIP, hose supporting (7/8" diam.)(Effective with tractor #17909)
8	916310	1	CAPSCREW, 1/2"NC x 1"
	904208	1	LOCKWASHER, 1/2"
	911028	1	NUT, 1/2"NC
9	628308	1	TUBE ASSEMBLY, swivel tee to gear shift housing (Includes nuts)
	921279	1	ELBOW, flare type, swivel nut, 1/2" tube
10	-----	-	VALVE ASSEMBLY, right brake (See HYDRAULIC BRAKES)
11	-----	-	VALVE ASSEMBLY, left brake (See HYDRAULIC BRAKES)



GEAR SHIFT

T-4315A

GEAR SHIFT

* Models HD6A, B, AG; also HD6E tractors prior to S/N 14484
 ** Model HD6E tractors S/N 14484 and up

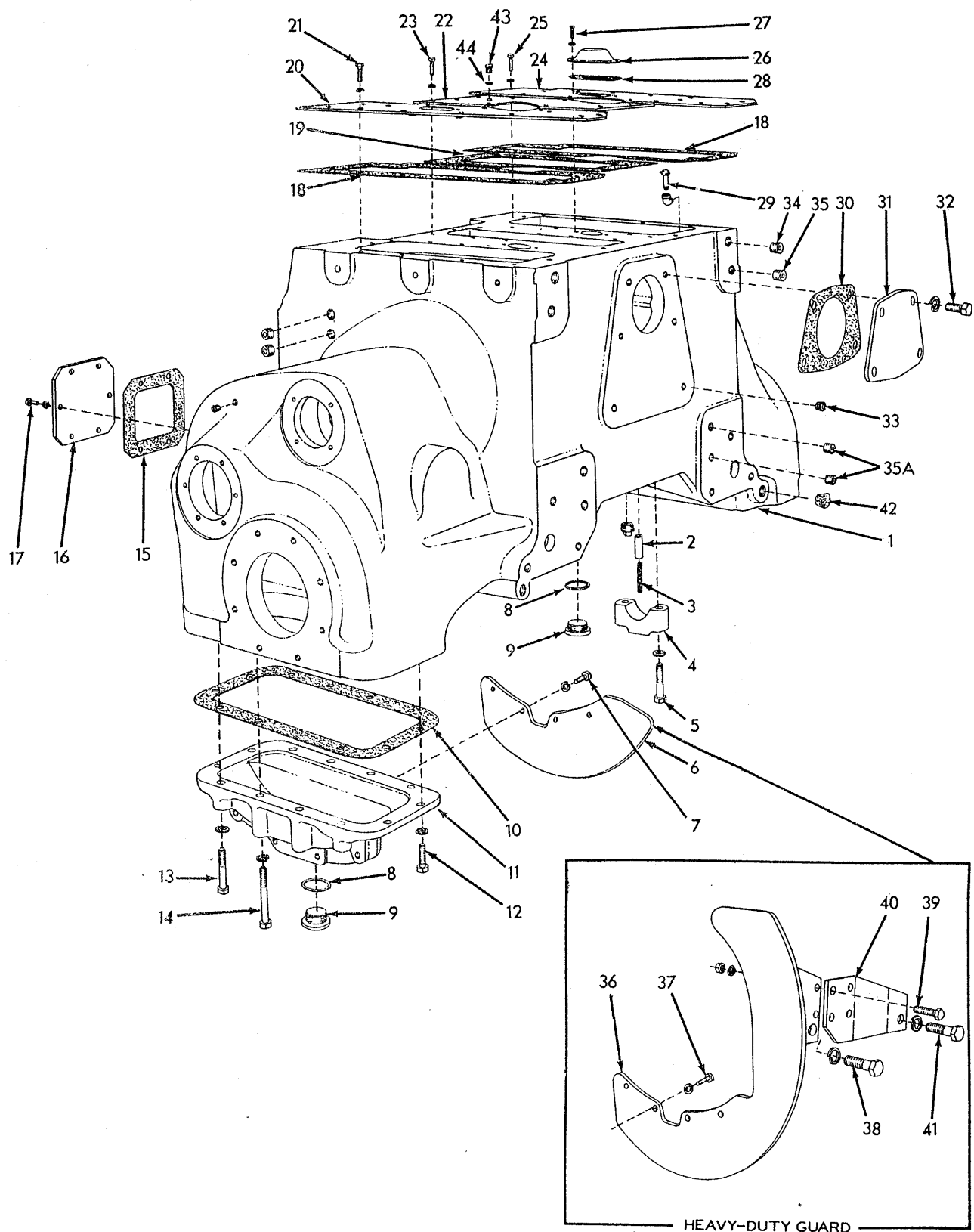
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	091862	1	1	KNOB, gear shift lever
2	086728	1	-	LEVER, gear shift
	627385	-	1	LEVER, gear shift
3	916313	1	1	CAPSCREW, lever clamping (1/2"NC x 1-3/4")
	904208	1	1	LOCKWASHER, 1/2"
	911028	1	1	NUT, 1/2"NC
4	076130	1	-	BOOT, shift lever
	078742	-	1	BOOT, shift lever
	916995	1	1	CLAMP, hose, 3" I. D.
5	622080	1	1	SHAFT, lever pivot
6	086705	1	-	LEVER, shift
	098089	-	1	LEVER, shift
	915500	1	1	PIN, spring, 3/8" x 1-3/4"
7	050294	1	1	GASKET, shift lever housing
8	621329	1	-	SCREW, lever pivot, right
	621663	-	1	SCREW, lever pivot, right
	904209	1	1	LOCKWASHER, 5/8"
9	621329	1	1	SCREW, lever pivot, left
	904209	1	1	LOCKWASHER, 5/8"
10	651591	1	-	HOUSING, shift lever (If for tractors prior to #20739 also order 1 SHAFT 651614 and 1 SHAFT 651613; if for tractors prior to #19771 (except HD6AG models), also order 1 YOKE ASSY. 651396 and 1 SEAL 651299)
	651618	-	1	HOUSING, shift lever (If for tractors prior to #20628 also order 1 SHAFT 651614 and 1 SHAFT 651613; if for tractors prior to #19867 also order 1 YOKE ASSY. 651396 and 1 SEAL 651299)
11	920541	8	8	CAPSCREW, Nylok, 1/2"NC x 1-1/2"
12	921556	1	1	CAPSCREW, 1/2"NC x 2"
	904208	9	9	LOCKWASHER, 1/2"
13	051447	1	1	BREATHER ASSEMBLY (Serviced only as a unit)
14	651614	1	1	SHAFT, shifting, lower
15	050266	1	1	PIN, shifting shaft interlock
16	050211	1	1	FORK, shifting, intermediate shaft

(Continued)

GEAR SHIFT (Continued)

ITEM	PART NO.	QTY. * **		DESCRIPTION
17	097742	2	2	FORK, shifting, upper and lower shafts
	905122	2	2	KEY, #7 woodruff, 1/8" x 3/4"
18	913105	3	3	CAPSCREW, clamping, shifting fork (1/2"NF x 1-1/2")
19	050207	1	1	SHAFT, shifting, intermediate
20	651613	1	1	SHAFT, shifting, upper
21	905362	7	7	BALL, steel, 1/2" diam.
22	099138	3	3	SPRING, shifting shaft (Used prior to November 1962)
	605812	3	3	SPRING, shifting shaft (Effective November 1962)
23	049918	3	3	WASHER, shifting shaft capscrow (copper)(Used prior to November 1962)
	604879	9	9	WASHER, shifting shaft capscrow (Steel. Use as req'd) (Effective November 1962)
24	035159	3	3	CAPSCREW, shifting shaft ball spring (5/8"NC x 1")(Used prior to November 1962)
	921731	3	3	CAPSCREW, shifting shaft ball spring (5/8"NC x 1-1/4", Nylok) (Effective November 1962)
25	076850	1	1	PLUNGER, locking
26	050267	1	1	□ WASHER, locking plunger sleeve (copper)
27	076846	1	1	SLEEVE, locking plunger
28	080166	1	1	□ BOOT, locking plunger
	916897	2	2	CLAMP, hose, 1" I. D.
29	076847	1	1	NUT, locking plunger
30	050253	1	1	END, locking plunger
31	085859	1	1	ROD, locking plunger
	911041	2	2	NUT, 3/8"NF
	078810	1	1	PIN, plunger rod
	900942	1	1	PIN, cotter, 3/32" x 5/8"
33	035910	1	1	SPRING, locking plunger rod
34	050265	1	1	SWIVEL, locking plunger rod
	910244	1	1	WASHER, plain, SAE std., 1/2"
	910967	1	1	PIN, cotter, 1/8" x 7/8"
35	050566	1	1	LEVER, shift lock
36	916315	1	1	CAPSCREW, 1/2"NC x 2-1/4"
	904208	1	1	LOCKWASHER, 1/2"
	911028	1	1	NUT, 1/2" NC

MEMO



MAIN HOUSING (First type)

T-11279

MAIN HOUSING (First Type)

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

* Model HD6A
** Models HD6B, E, AG

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	091610	1	-	HOUSING ASSY. (Includes items 2 thru 5)
	647928	-	1	HOUSING ASSY. (Includes items 2 thru 5)(Tractors prior to #21448. If for HD6B tractors prior to #14358 including #14696 or Model HD6E tractors prior to #14403△ also order 1 COVER 628195, 1 COVER 628196, 2 GASKETS 628241, 8 CAPSCREWS 035718, 8 LOCKWASHERS 904208, 1 PLUG 035250 and 1 GASKET 035249)
	666512	-	1	HOUSING ASSY. (Includes items 2 thru 5)(Tractors #21448 and up)
	904223	4	4	PLUG, pipe, ctsk-hd., 1/2"NPT
	911081	-	2	PLUG, pipe, slotted-hd., 1/4"NPT
	912726	2	2	PLUG, pipe, 3/4"NPT (clutch compartment drain)
2	076726	2	2	WICK ASSY., pivot shaft lubricating (Consists of 1 pin and 1 WICK 050357. Also serves as dowel pin for pivot shaft)
3	050357	2	2	WICK, pivot shaft lubricating (felt)
4	051858	4	4	CAP, track frame pivot shaft
5	915970	8	8	CAPSCREW, 5/8"NC x 3"
	904209	8	8	LOCKWASHER, 5/8"
6	050312	2	2	GUARD, track sprocket, lower (Special equipment)
7	035190	8	8	CAPSCREW, 1/2"NC x 1-1/2"
	904208	8	8	LOCKWASHER, 1/2"
8	667252	3	3	□GASKET, drain plug (6 used on all HD6AG tractors; also on HD6B tractors #14358 and up excluding #14696 and HD6E tractors #14403 △△and up)
9	035250	3	3	PLUG, drain, bevel gear and final drive compartment (6 used on all HD6AG tractors; also on HD6B tractors #14358 and up excluding #14696 and HD6E tractors #14403 △△ and up)
10	667206	2	2	□GASKET, final drive compartment bottom cover
11	049910	2	2	COVER, final drive compartment, bottom
12	915987	16	16	CAPSCREW, 1/2"NC x 1-1/2"
13	916317	4	4	CAPSCREW, 1/2"NC x 2-3/4"
14	914399	4	4	CAPSCREW, 1/2"NC x 3-3/4"
	904208	24	24	LOCKWASHER, 1/2"
15	050786	-	2	GASKET, final drive compartment front cover
16	050785	-	2	COVER, final drive compartment, front
17	916271	-	12	CAPSCREW, 3/8"NC x 1"
	904206	-	12	LOCKWASHER, 3/8"
18	066566	2	2	GASKET, steering clutch compartment covers (Not used on HD6AG tractor or HD6B tractors #14358 and up excluding #14696 and HD6E tractors #14403 △△ and up)
	628241	-	2	GASKET, steering clutch compartment covers (All HD6AG tractors; also HD6B tractor #14358 and up excluding #14696 and HD6E tractor #14403△△ and up)

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MAIN HOUSING (First type)(Continued)

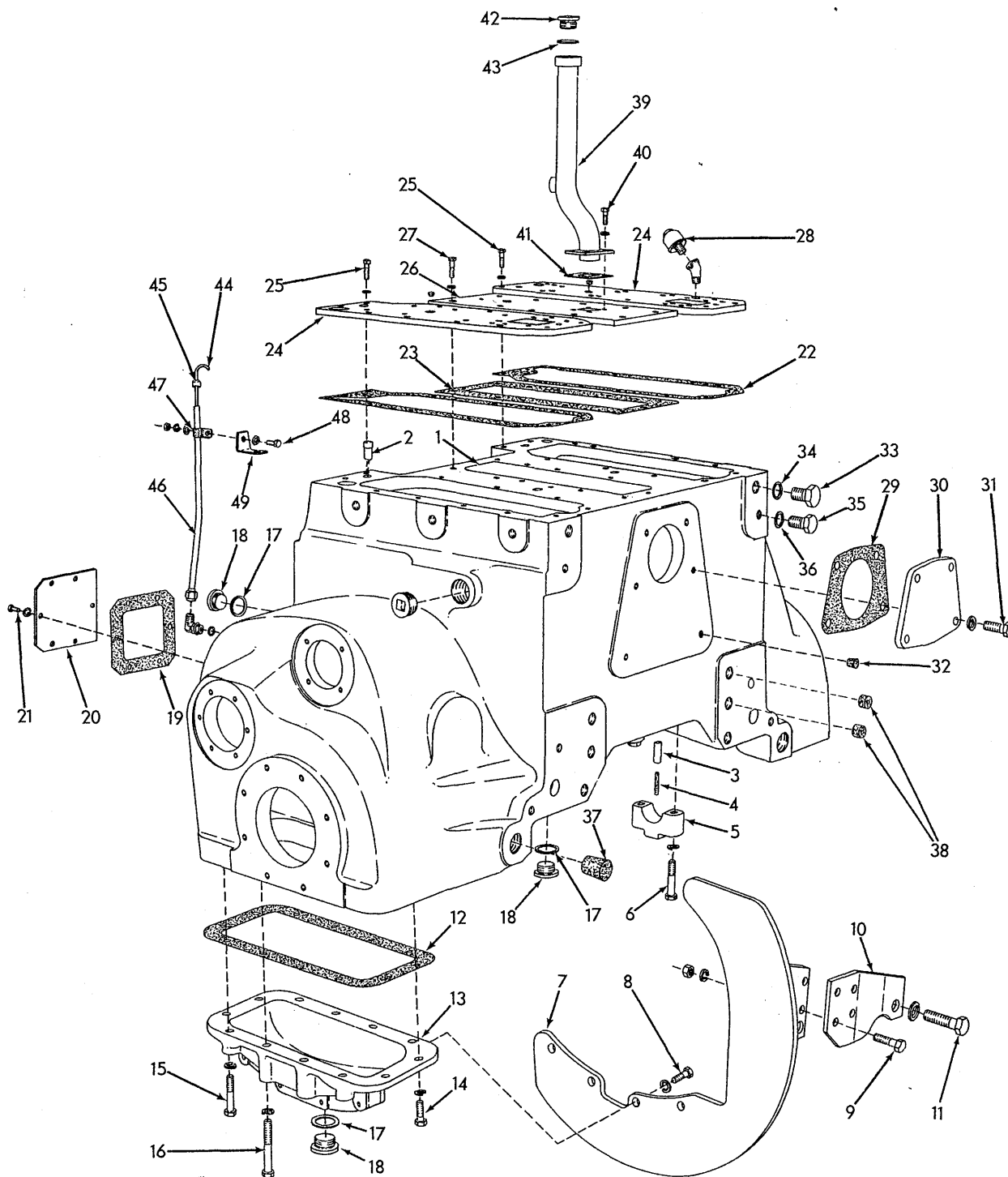
ITEM	PART NO.	QTY. * **		DESCRIPTION
19	051403	1	1	□ GASKET, bevel gear compartment top cover
20	081335	1	1	COVER, left steering clutch compartment (Used prior to December 1960)
	624461	1	1	COVER, left steering clutch compartment (Effective December 1960. Not used on HD6AG tractors or HD6B tractor #14358 and up excluding #14696 and HD6E tractors #14403 Δ Δ and up)
	628195	-	1	COVER, left steering clutch compartment (All HD6AG tractors; also HD6B tractors #14358 and up excluding #14496 and HD6E tractors #14403 Δ Δ and up)
21	916271	9	9	CAPSCREW, 3/8"NC x 1" } 2 less used with COVER 628195
	904206	9	9	
	916309	-	4	CAPSCREW, 1/2"NC x 3/4" } Used only with COVER 628195
	904208	-	4	
22	051408	1	1	COVER, bevel gear compartment, top (Tractors prior to #21448)
	666303	-	1	COVER, bevel gear compartment, top (Tractors #21448 and up)
23	916271	10	10	CAPSCREW, 3/8"NC x 1"
	904206	10	10	LOCKWASHER, 3/8"
24	081336	1	1	COVER, right steering clutch compartment (Used prior to December 1960)
	624462	1	1	COVER, right steering clutch compartment (Effective December 1960. Not used on HD6AG tractor or HD6B tractors #14358 and up excluding #14696 and HD6E tractors #14403 Δ Δ and up)
	628196	-	1	COVER, right steering clutch compartment (All HD6AG tractors; also HD6B tractors #14358 and up excluding #14696 and HD6E tractor #14403 Δ Δ and up)
25	916271	9	9	CAPSCREW, 3/8"NC x 1" } 2 less used with COVER 628196
	904206	9	9	
	916309	-	4	CAPSCREW, 1/2"NC x 3/4" } Used only with COVER 628196
	904208	-	4	
26	051308	2	2	COVER, brake band adjusting nut
27	915408	4	4	CAPSCREW, 3/8"NC x 3/4"
	904206	4	4	LOCKWASHER, 3/8"
28	066594	2	2	GASKET, brake band adjusting nut cover
29	051447	2	2	BREATHER ASSY., final drive compartment (1 nipple, 1 filter, 1 cap, 1 cotter pin, Serviced only as a unit)
	907059	2	2	ELBOW, street, 90°, 1/8"NPT
30	050369	1	1	□ GASKET, bevel gear compartment rear cover
31	050370	1	1	COVER, bevel gear compartment, rear
32	913823	4	4	CAPSCREW, 5/8"NC x 1-1/2"
	904209	4	4	LOCKWASHER, 5/8"
33	664851	2	2	CORK, thread protecting (5/8" diam.)
34	038454	2	2	PLUG, thread protecting (1"NC)

(Continued)

MAIN HOUSING (First type)(Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
35	040181	2	2	PLUG, thread protecting (7/8"NC)	
35A	040181	4	4	PLUG, thread protecting (7/8"NC)(Early units only)	
36	630655	1	1	GUARD, track sprocket, left	} Special heavy-duty type
	630656	1	1	GUARD, track sprocket, right	
37	035190	8	8	CAPSCREW, 1/2"NC x 1-1/2"	
	904208	8	8	LOCKWASHER, 1/2"	
38	070792	2	-	CAPSCREW, 3/4"NC x 2-1/2"	} Also attach draw-bar plate bracket
	904369	2	-	LOCKWASHER, 3/4"	
39	035073	-	4	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	-	4	LOCKWASHER, 1/2"	
	911043	-	4	NUT, 1/2"NF	
40	097915	-	1	PLATE, guard attaching, left	
	097916	-	1	PLATE, guard attaching, right	
41	070792	-	2	CAPSCREW, 3/4"NC x 2-1/2"	} Also attach draw-bar plate bracket
	904369	-	2	LOCKWASHER, 3/4"	
	035067	-	2	CAPSCREW, 1/2"NF x 2"	} For tractors equipped with TR-6 Ripper
	064531	-	2	WASHER, plain	
	904208	-	2	LOCKWASHER, 1/2"	
	911043	-	2	NUT, 1/2"NF	
42	642259	-	4	CORK, thread protecting (1-9/16" diam)(All HD6AG tractors; also HD6B tractors # 14358 and up excluding #14696 and HD6E tractors #14403△△ and up)	
43	050594	-	1	PLUG, oil filler	} Tractors #21448 and up
44	050595	-	1	GASKET, oil filler plug	

△ Including tractors serial No. 14411, 14416, 14421, 14426 and 14427
△△ Excluding tractors serial No. 14411, 14416, 14421, 14426 and 14427



MAIN HOUSING (Second type. HD6E)

T-32154

MAIN HOUSING (Second Type HD6E)

USAGE: Model HD6E tractors serial No. 14484 and up

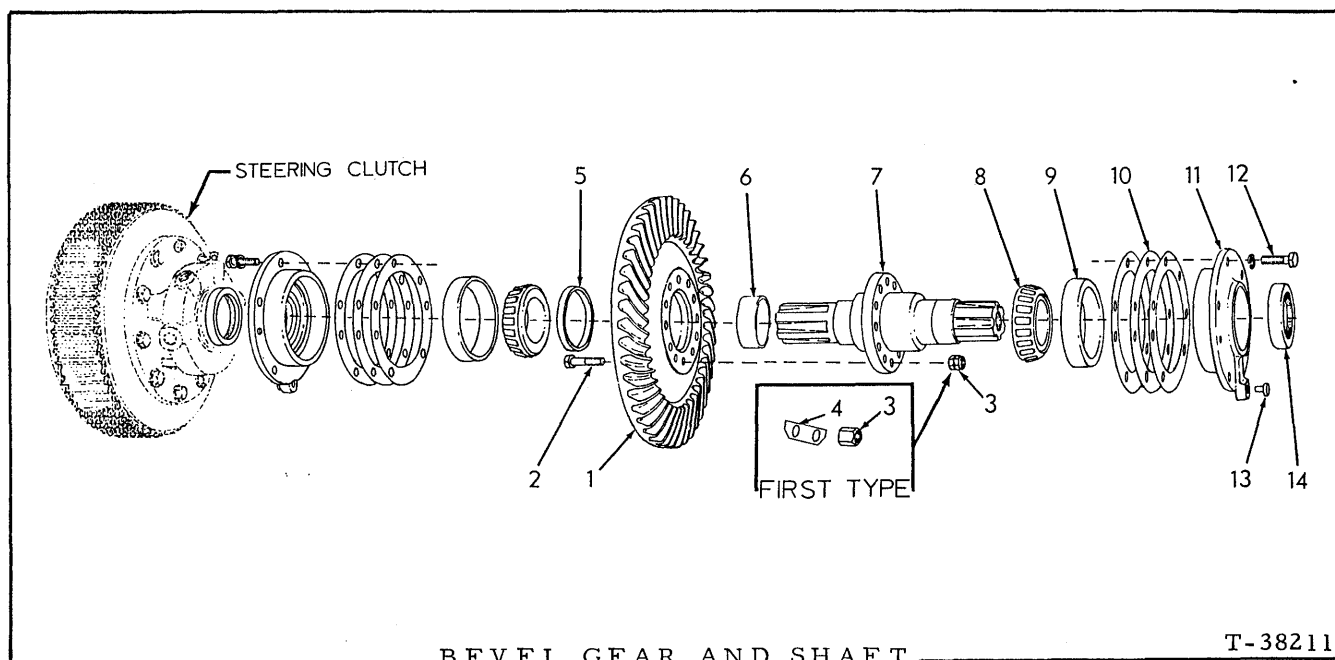
ITEM PART NO. QTY. DESCRIPTION

1	623734	1	HOUSING ASSEMBLY (Includes items 2 thru 6)
	901652	1	PLUG, pipe, 1/4"NPT
	912726	1	PLUG, pipe, 3/4"NPT
	901667	2	PLUG, pipe, ctsk-hd., 1-1/4"NPT
2	624485	2	PIN, dowel, clutch compartment covers
3	076726	2	WICK ASSEMBLY, pivot shaft lubricating (Consists of 1 pin and item 4. Also serves as dowel pin for pivot shaft)
4	050357	2	WICK, pivot shaft lubricating (felt)
5	051858	4	CAP, truck frame pivot shaft
6	915970	8	CAPSCREW, 5/8"NC x 3"
	904209	8	LOCKWASHER, 5/8"
NOTE: Items 7 thru 11 are Special Equipment			
7	{ 630655	1	GUARD, track sprocket, left
	{ 630656	1	GUARD, track sprocket, right
8	035190	8	CAPSCREW, 1/2"NC x 1-1/2"
	904208	8	LOCKWASHER, 1/2"
9	035073	4	CAPSCREW, 1/2"NF x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2"NF
10	{ 097915	1	PLATE, guard attaching, left
	{ 097916	1	PLATE, guard, attaching, right
11	{ 070792	2	CAPSCREW, 3/4"NC x 2-1/2" } Also attach draw-
	{ 904369	2	LOCKWASHER, 3/4" } bar plate bracket
	{ 035067	2	CAPSCREW, 1/2"NF x 2" } For tractors equipped
	{ 064531	2	WASHER, plain } with TR-6 Ripper
	{ 904208	2	LOCKWASHER, 1/2"
	{ 911043	2	NUT, 1/2"NF
12	667206	2	GASKET, final drive compartment bottom cover
13	049910	2	COVER, final drive compartment bottom
14	915987	16	CAPSCREW, 1/2"NC x 1-1/2"
15	916317	4	CAPSCREW, 1/2"NC x 2-3/4"
16	914399	4	CAPSCREW, 1/2"NC x 3-3/4"
	904208	24	LOCKWASHER, 1/2"
17	667252	6	GASKET, filler and drain plugs
18	035250	6	PLUG, filler and drain
19	050786	2	GASKET, final drive compartment front cover
20	050785	2	COVER, final drive compartment, front
21	916271	12	CAPSCREW, 3/8"NC x 1"
	904206	12	LOCKWASHER, 3/8"

(Continued)

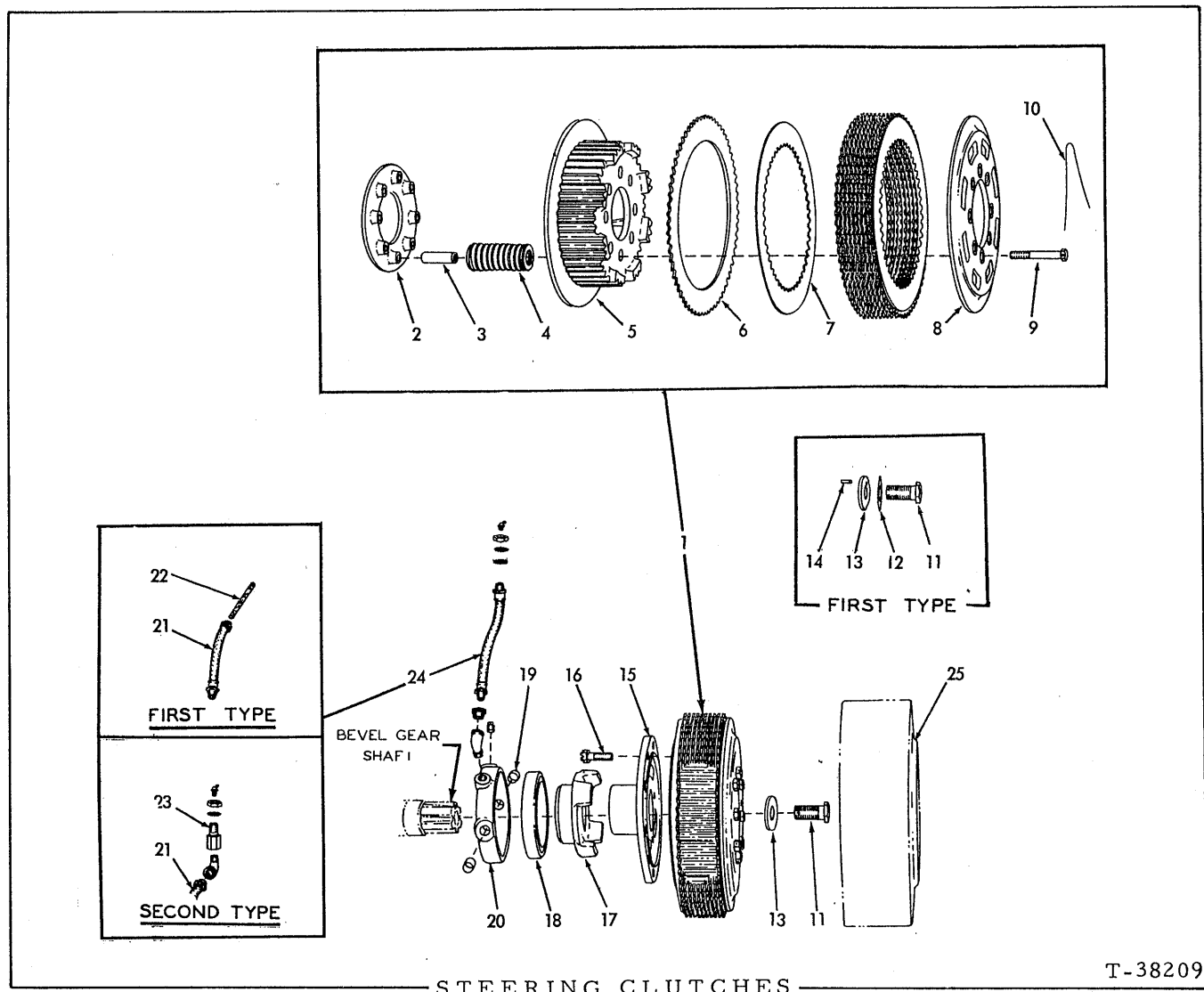
MAIN HOUSING (Second Type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	627369	2	GASKET, clutch compartment cover plate
23	624752	1	GASKET, bevel gear compartment top cover
24	627252	2	PLATE, cover, clutch compartment
	908944	2	PLUG, pipe, hex-socket, 1/2"NPT
25	916272	14	CAPSCREW, 3/8"NC x 1-1/4"
	904206	14	LOCKWASHER, 3/8"
26	627396	1	COVER, bevel gear compartment, top (Tractors prior to #19642)
	650815	1	COVER, bevel gear compartment, top (Tractors #19642 and up)
27	916272	6	CAPSCREW, 3/8"NC x 1-1/4"
	904206	6	LOCKWASHER, 3/8" } 2 additional required on tractors #19642 and up
28	050748	2	BREATHER, final drive
	910149	2	ELBOW, street, 45°, 3/8"NPT
29	050369	1	GASKET, bevel gear compartment rear cover
30	050370	1	COVER, bevel gear compartment, rear
31	913828	4	CAPSCREW, 5/8"NC x 1-1/2"
	904209	2	LOCKWASHER, 5/8"
32	664851	2	CORK, thread protecting (5/8" diam.)
33	630802	2	CAPSCREW, thread protecting (1"NC x 2")
34	630823	2	WASHER, thread protecting capscREW (copper, 1"I. D.)
35	630801	2	CAPSCREW, thread protecting (7/8"NC x 2")
36	630822	2	WASHER, thread protecting capscREW (copper, 7/8"I. D.)
37	642259	4	CORK, thread protecting (1-9/16" diam.)
38	040181	4	PLUG, thread protecting (7/8"NC)(Early units)
39	628692	1	TUBE, oil filler (Tractors prior to #19642)
	651657	1	TUBE, oil filler (Tractors #19642 and up)
40	916225	4	CAPSCREW, 3/8"NF x 1"
	904206	4	LOCKWASHER, 3/8"
41	628691	1	GASKET, oil filler tube
42	050594	1	PLUG, oil filler
43	050595	1	GASKET, oil filler plug
44	630013	1	GAUGE ASSY., oil level (Includes item 45)
45	4506607	1	SEAL, oil level gauge
46	630012	1	TUBE, oil level gauge
	921402	1	ELBOW, adjustable, 90°, flare type, 1/2" tube, 3/4"NF male (Includes washer, nut and O-RING 921349)
47	094527	1	CLIP, supporting, oil level gauge tube
48	916269	1	CAPSCREW, 3/8"NC x 7/8"
	911115	2	WASHER, plain, SAE std., 3/8"
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC
49	630055	1	ANGLE, oil level gauge tube



USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	057414	1	GEAR, bevel (Tractors prior to #21448)
	624636	1	GEAR, bevel (Tractors #21448 and up)
2	030547	12	CAPSCREW (1/2"NF x 2")
3	038234	12	NUT, high, 1/2"NF (Used prior to tractor #16850)
	643287	12	NUT, Elastic stop, 1/2"NF (Effective with tractor #16850)
4	035065	6	LOCK, nut (Used prior to tractor #16850)
5	050234	1	COLLAR, locking, bevel gear attaching bolts
6	050231	2	SLEEVE, bevel gear shaft
7	064530	1	SHAFT ASSEMBLY, bevel gear (Includes item 6)(Tractors prior to #21822)
	666474	1	SHAFT ASSY., bevel gear (Includes item 6)(Tractors #21822 and up)
8	050445	2	CONE ASSEMBLY, bevel gear shaft bearing
9	050444	2	CUP, bevel gear shaft bearing
10	050228	12	SHIM, adjusting, shaft bearing (.005" thick)
	050229	12	SHIM, adjusting, shaft bearing (.007" thick)
	050230	12	SHIM, adjusting, shaft bearing (.010" thick)
11	051292	2	RETAINER ASSEMBLY, shaft bearing (Includes item 13)
12	920541	10	CAPSCREW, Nylok, 1/2"NC x 1-1/2"
	904208	10	LOCKWASHER, 1/2"
13	051291	2	PIN, wear, bevel gear shaft bearing retainer
14	628941	2	SEAL, oil, bevel gear shaft



USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

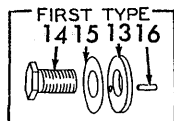
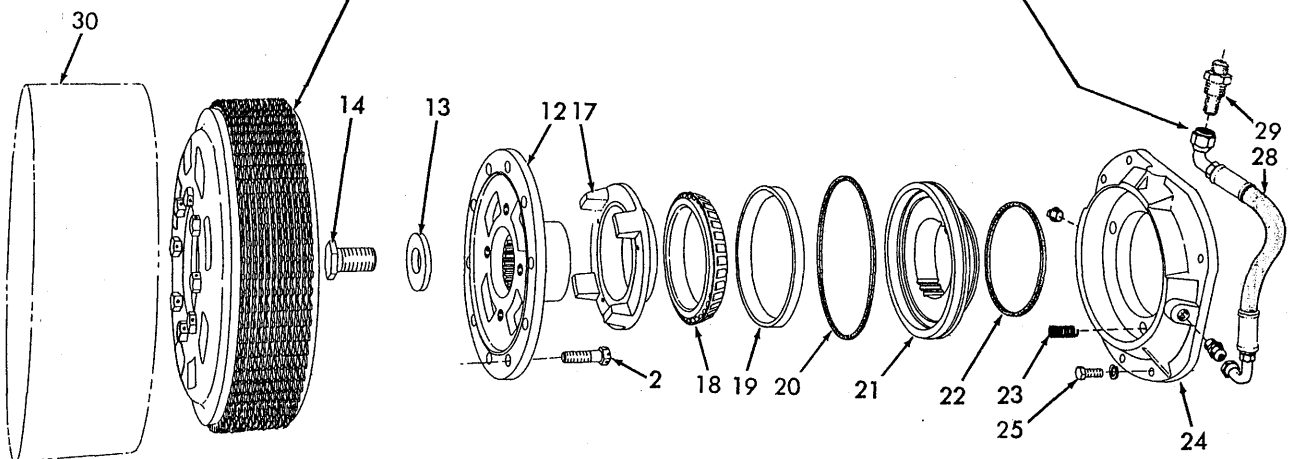
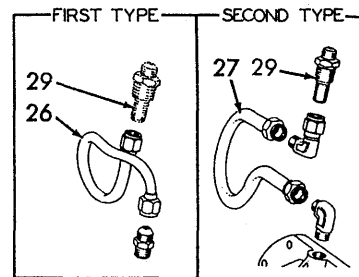
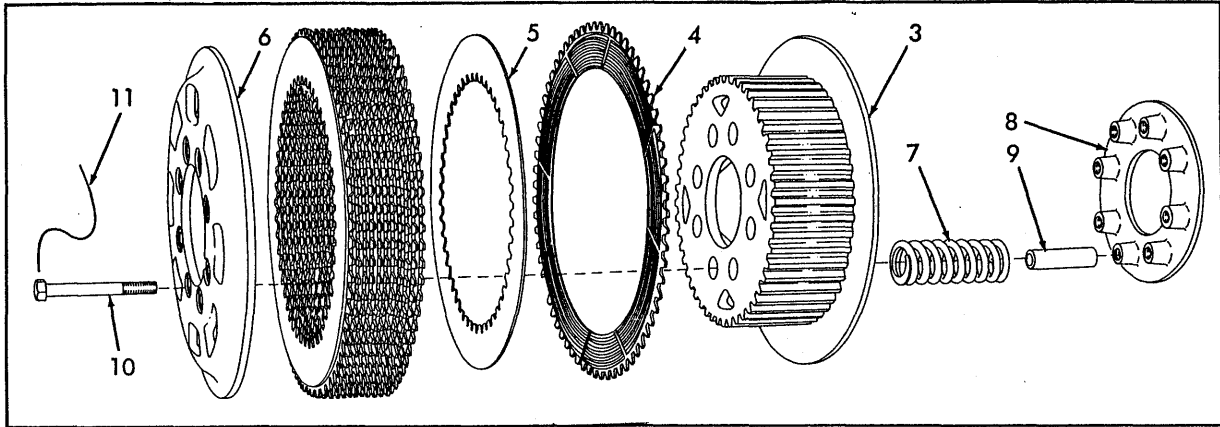
*Tractors prior to serial No. 13993
 **Tractors serial No. 13993 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	050244	2 -	CLUTCH ASSEMBLY, steering (Consists of items 2 thru 10)
	623753	- 2	CLUTCH ASSEMBLY, steering (Consists of items 2 thru 10)
2	050214	2 2	PLATE, throwout
3	045066	16 16	SPACER, throwout plate
4	050236	16 -	SPRING, pressure
	620827	- 16	SPRING, pressure
5	060649	2 --	HUB ASSEMBLY, (Consists of 1 hub, 1 ring, 4 screws. Serviced only as a unit)
	623752	- 2	HUB ASSEMBLY, (Consists of 1 hub, 1 ring, 4 screws. Serviced only as a unit)

(Continued)

STEERING CLUTCHES (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	044478	20	-	DISC, friction (Raybestos)
	057375	-	20	DISC, friction (bi-metallic)
	093996	-	4	DISC, friction (bi-metallic, tapered thickness)
7	624562	20	24	DISC, friction (steel)(Use as required)
8	050218	2	-	PLATE, pressure
	623778	-	2	PLATE, pressure
9	049978	16	16	CAPSCREW, throwout plate
10	023633	8	8	WIRE, locking, 1/16" x 12"
11	630045	2	2	CAPSCREW, hub retaining (Tractors prior to #21303)
	663117	-	2	CAPSCREW, hub retaining (self-locking)(Tractors #21303 and up)
12	651745	2	2	WASHER, locking, hub retaining capscrow (Tractors prior to #21303)
13	637932	2	2	WASHER ASSY., hub retaining (Includes item 14)
	666366	-	2	WASHER, hub retaining (Tractors #21303 and up)
14	035793	2	2	PIN, clutch hub retaining washer (1/4" x 3/4")(Tractors prior to #21303)
15	050215	2	2	HUB, steering clutch driving
16	650753	20	20	BOLT, self-locking, 1/2"NC x 1-3/4"
17	050223	2	2	SLEEVE, steering clutch throwout
18	050440	2	2	BEARING, ball, steering clutch throwout
19	050227	4	4	BUSHING, pivot, throwout bearing (steel)
20	050249	2	2	CAGE ASSY., throwout bearing (Includes item 19)
	901652	2	2	PLUG, pipe, 1/4"NPT
21	059260	2	-	HOSE, lubricating, throwout bearing (9" long)(Used prior to tractor #13855)
	901722	2	-	ELBOW, street 90°, 1/4"NPT
22	050233	2	-	WICK, lubricating, throwout bearing hose (Used prior to December 1, 1960)
23	624143	2	-	CONNECTOR, bulkhead, throwout bearing lubricating hose (Effective approx. December 1, 1960 and used thru tractor #13854 only)
	901722	2	-	ELBOW, street, 90°, 1/4"NPT
	911049	2	-	NUT, jam, 5/8"NF
	910543	2	-	LOCKWASHER, ext-tooth, 5/8"
	915274	2	-	FITTING, lubricating, 45°, 1/8"NPT
24	045507	2	2	HOSE, lubricating, throwout bearing (12-1/2" long)(Effective with tractor #13855)
	901722	2	2	ELBOW, street, 90°, 1/4"NPT
	901825	2	2	BUSHING, pipe reducing, 1/4"NPT to 1/8"NPT
	911100	2	2	WASHER, plain, SAE std., 5/8"
	911049	2	2	NUT, jam, 5/8"NF
	910543	2	2	LOCKWASHER, ext-tooth, 5/8"
	915274	2	2	FITTING, lubricating, 45°, 1/8"NPT
25	-----	-	-	DRUM, brake (See FINAL DRIVE PINION SHAFT)



STEERING CLUTCHES (Second type. Model HD6E)

T-38215

STEERING CLUTCHES

USAGE: Model HD6E tractors serial No. 14484 and up

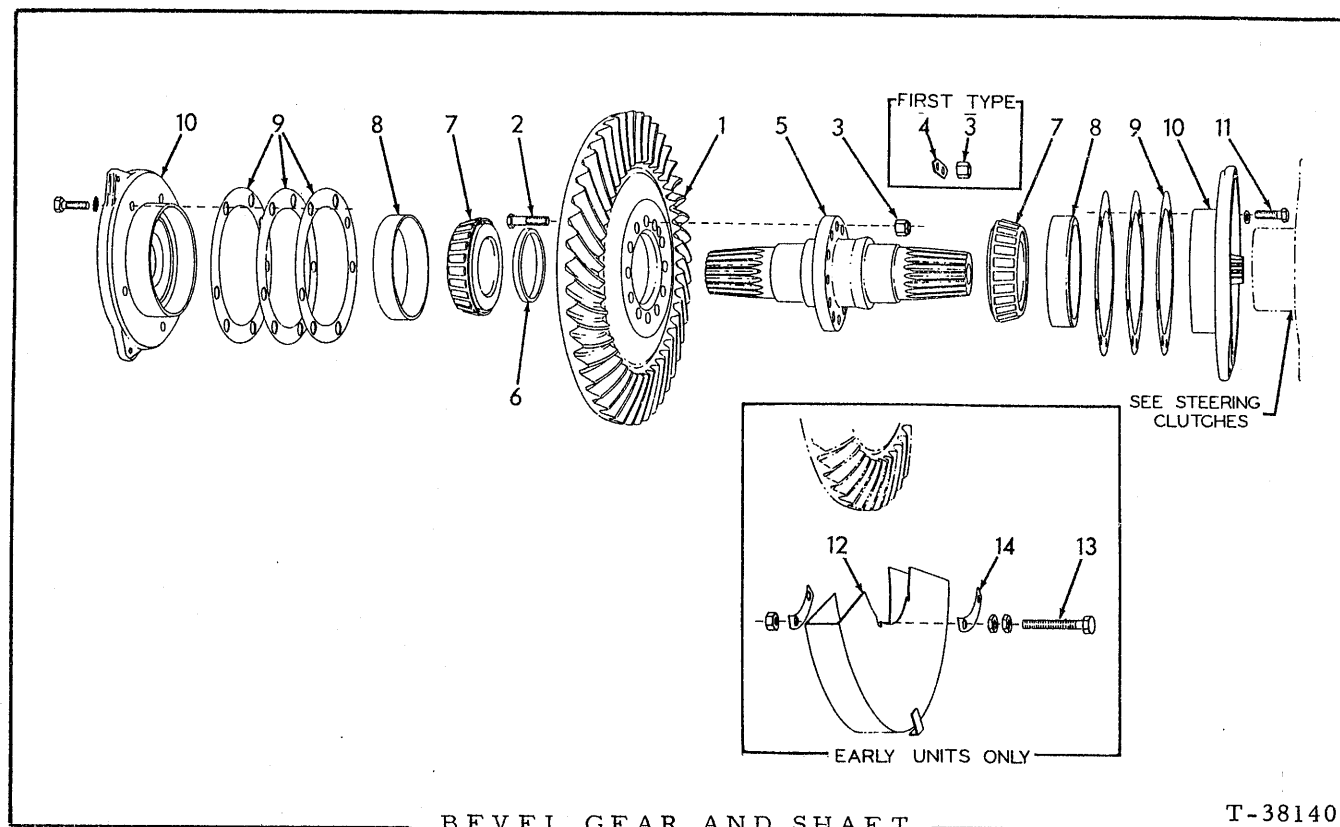
ITEM	PART NO.	QTY.	DESCRIPTION
1	628030	2	CLUTCH ASSEMBLY, (Consists of items 3 thru 11)
2	650753	20	BOLT, self-locking, 1/2"NC x 1-3/4"
3	624538	2	HUB, steering clutch
4	624561	24	DISC, friction (bi-metallic)
5	624562	24	DISC, friction (steel)(Use as required)
6	624362	2	PLATE, pressure
7	628033	16	SPRING, pressure
8	624557	2	PLATE, throwout plate
9	627403	16	SPACER, throwout plate
10	628031	16	CAPSCREW, throwout plate
11	023633	8	WIRE, locking, 1/16" x 12"
12	069220	2	HUB, driving
13	637932	2	WASHER ASSEMBLY, hub retaining (Includes item 16) (Tractors prior to #21657)
	666366	2	WASHER, hub retaining (Tractor # 21657 and up)
14	630045	2	CAPSCREW, hub retaining (Tractors prior to # 21657)
	663117	2	CAPSCREW, hub retaining (self locking)(Tractors # 21657 and up)
15	651745	2	WASHER, locking, hub retaining capscrow, (Tractors prior to # 21657)
16	035793	2	PIN, hub retaining washer (Tractors prior to # 21657)
17	659689	2	SLEEVE, throwout
18	624642	2	CONE ASSEMBLY, clutch throwout bearing
19	624641	2	CUP, clutch throwout bearing
20	624673	2	RING, sealing, actuating piston, outer
21	641328	2	PISTON, actuating
22	624674	2	RING, sealing, actuating piston, inner
23	629634	6	SPRING, actuating piston
24	641343	2	RING, collector (If for tractors prior to # 16631 also order PLUG 901653 and either HOSE 650987 or HOSE 650988)
25	901653	2	PLUG, pipe, 3/8"NPT
	916271	6	CAPSCREW, 3/8"NC x 1"
	904206	6	LOCKWASHER, 3/8"
26	-----	2	TUBE ASSEMBLY, oil pressure (Includes nuts)(Used prior to tractor # 16240. Order item 27)
	919063	2	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male

(Continued)

STEERING CLUTCHES(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	641126	2	TUBE ASSEMBLY, oil pressure (Includes nuts)(Used on tractors # 16240 thru 16630)
	919206	2	ELBOW, flare type, 1/2" tube, 3/8"NPT male
	921279	2	ELBOW, flare type, swivel nut, 1/2" tube
28	{ 650987	1	HOSE, oil pressure, left (See HOSE PARTS)
	650988	1	HOSE, oil pressure, right (See HOSE PARTS)
	919063	2	CONNECTOR, flare type, 1/2" tube, 3/8"NPT male
29	-----	-	UNION, bulkhead (See CONTROL VALVE AND FILTERS)
30	-----	-	DRUM, brake (See FINAL DRIVE PINION SHAFT)

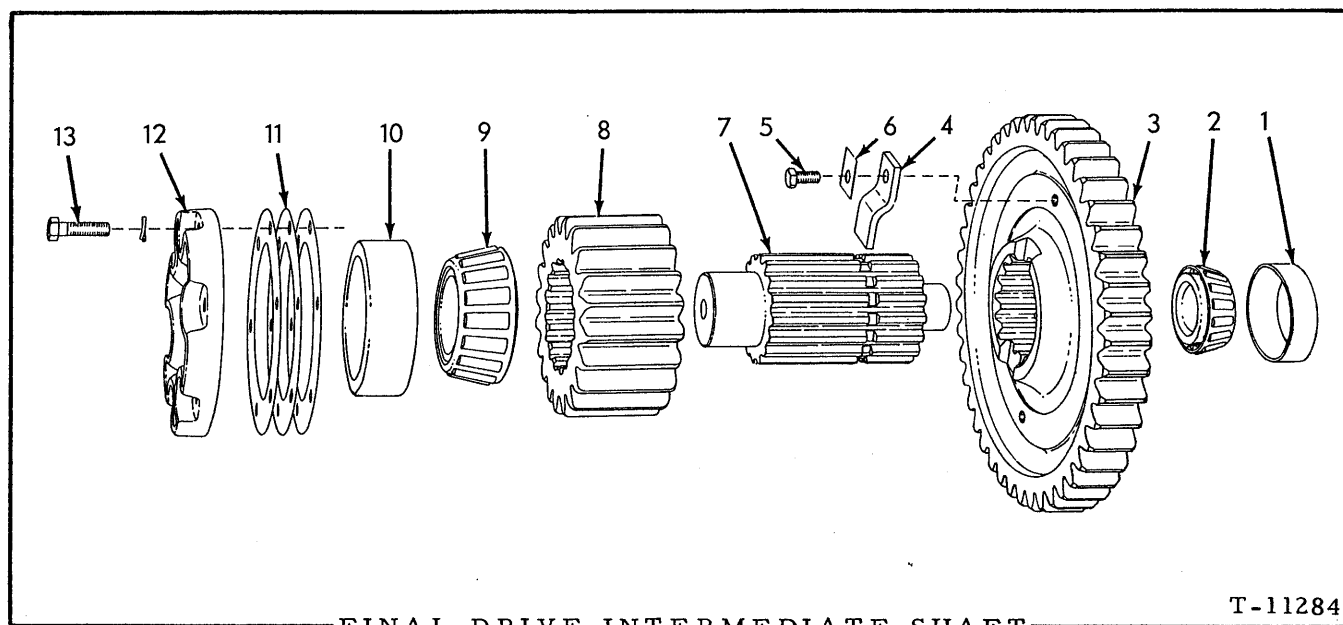
Effective with tractor # 16631



USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	624636	1	GEAR, bevel
2	654541	12	CAPSCREW, 1/2"NF x 2"
3	038234	12	NUT, high, 1/2"NF (Used prior to tractor #16846)
4	035065	6	LOCK, nut (Used prior to tractor #16846)
5	624429	1	SHAFT, bevel gear
6	627472	1	SPACER, shaft bearing
7	629062	2	CONE ASSEMBLY, shaft bearing
8	061086	2	CUP, shaft bearing
9	050228	12	SHIM, bearing adjustment (.005" thick)
	050229	12	SHIM, bearing adjustment (.007" thick)
	050230	12	SHIM, bearing adjustment (.010" thick)
10	641334	2	CAGE, bearing
11	915987	10	CAPSCREW, 1/2"NC x 1-1/2"
	910210	10	LOCKWASHER, external teeth, 1/2"
12	639475	1	PAN, oil
13	050268	2	CAPSCREW, oil pan (Also attaches bearing cage)
	911035	4	NUT, jam, 1/2"NC
	911028	2	NUT, regular, 1/2"NC
14	639473	2	LOCK, nut

NOTE: Items listed below are applicable to tractors prior to serial No. 15948 only.



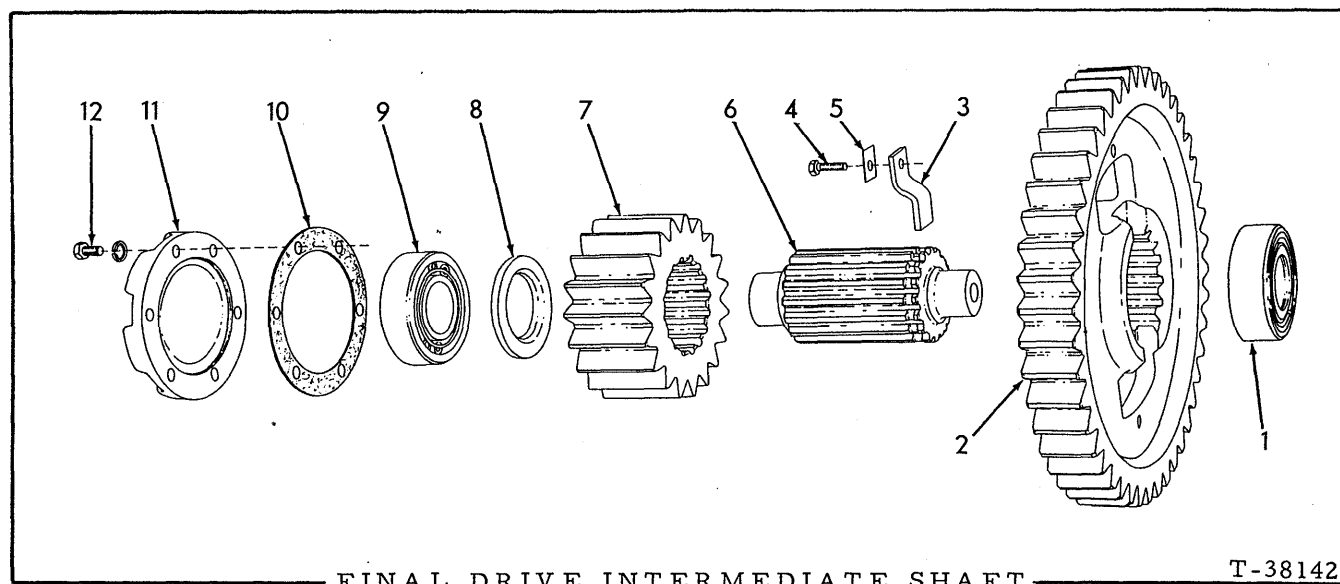
USAGE: Model HD6E tractors prior to serial No. 14484; also HD6A, B,
AG tractors prior to serial No. 21448

* Standard

** Special. Used to reduce final drive loads and to increase tractor
speed from 5.5 MPH to 5.8 MPH

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	050275	2	2	CUP, inner bearing
2	064200	2	2	CONE ASSEMBLY, inner bearing
3	068501	2	-	GEAR (44 teeth)
	628824	-	2	GEAR (44 teeth)
4	049829	4	-	LOCK, gear retaining
	628815	-	4	LOCK, gear retaining
5	915408	4	4	CAPSCREW, 3/8"NC x 3/4"
6	049936	4	4	LOCK, capscrew
7	051246	2	-	SHAFT
	630778	-	2	SHAFT
8	049886	2	-	PINION (20 teeth)
	628107	-	2	PINION (19 teeth) (Requires use of 46-tooth sprocket shaft gear. See page 191)
9	051438	2	2	CONE ASSEMBLY, outer bearing
10	051347	2	2	CUP, outer bearing
11	051450	4	4	SHIM, bearing adjustment (.005" thick)
	051448	4	4	SHIM, bearing adjustment (.007" thick)
	051449	10	10	SHIM, bearing adjustment (.010" thick)
12	051243	2	2	COVER, outer bearing
13	916272	12	12	CAPSCREW, 3/8"NC x 1-1/4"
	904206	12	12	LOCKWASHER, 3/8"

Use as req'd



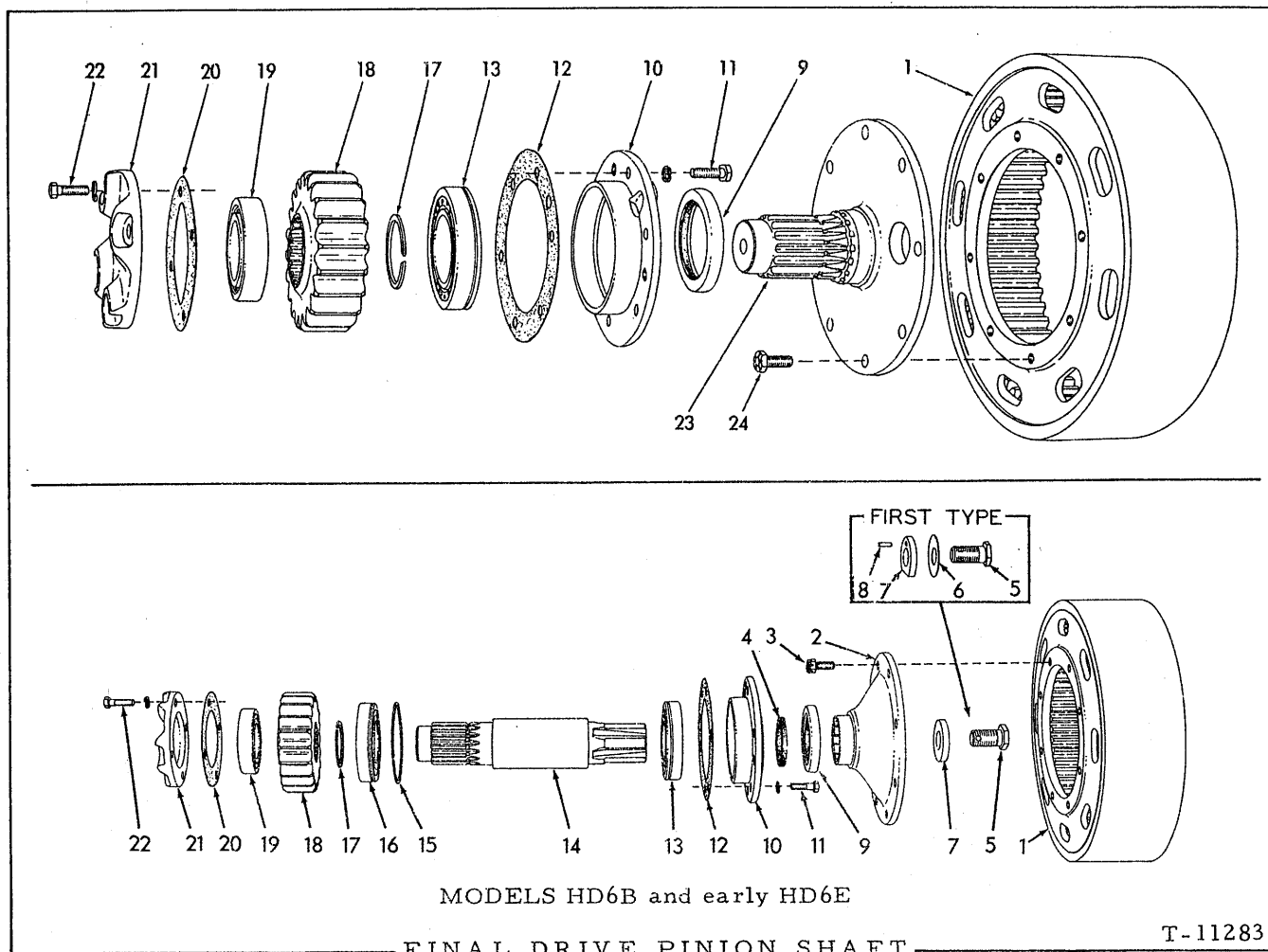
FINAL DRIVE INTERMEDIATE SHAFT

T-38142

* Model HD6E tractors serial No. 14484 and up
 ** Model HD6B,AG tractors serial No. 21448 and up

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	638844	2	-	BEARING, roller, inner (1.575 I. D.)(Used prior to tractor #18429)
	645514	2	2	BEARING, roller, inner (1.672 I. D.)(Effective with tractor #18429)
2	628824	2	2	GEAR (44 teeth)
3	628815	4	4	LOCK, gear retaining
4	915408	4	4	CAPSCREW, 3/8"NC x 3/4"
5	049936	4	4	LOCK, capscREW
6	645497	2	2	SHAFT (If for HD6E tractors prior to #18429 also order BEARING 645514 and SPACER 647277)
7	628107	2	2	PINION (19 teeth)
8	628426	2	-	SPACER, pinion retaining (2-1/4" I. D.)(Used prior to tractor #18429)
	647277	2	2	SPACER, pinion retaining (2-1/8" I. D.)(Effective with tractor #18429)
9	628333	2	2	BEARING, roller, outer
10	628451	2	2	GASKET, cover
11	628715	2	2	COVER, outer bearing
12	916272	12	12	CAPSCREW, 3/8"NC x 1-1/4"
	904206	12	12	LOCKWASHER, 3/8"

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



USAGE: Models HD6A, B, AG prior to serial No. 21448; also Model HD6E tractors prior to serial No. 14484

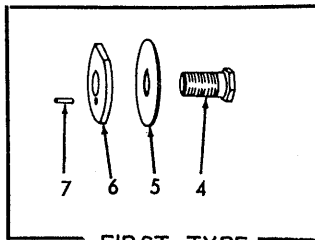
* Model HD6A
 ** Models HD6B, E, AG

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	647868	2	2	DRUM, brake
2	049937	-	2	HUB, brake drum
3	650835	-	16	BOLT, self-locking, 1/2" NC x 1"
4	050264	-	2	SEAL, oil (neoprene)
5	630045	-	2	CAPSCREW, hub retaining (1"NF x 1-3/4")(Used prior to tr. #21448)
	663117	-	2	CAPSCREW, hub retaining (self-locking)(Effective with tr. #21448)
6	651745	-	2	WASHER, locking, hub retaining cap screw (Tractors prior to #21448)
7	-----	-	2	WASHER ASSEMBLY, hub retaining (Includes item 8)(Used prior to tr. #21448. Order WASHER 666324 and CAPSCREW 663117)
	666324	-	2	WASHER, hub retaining (Effective with tr. #21448)

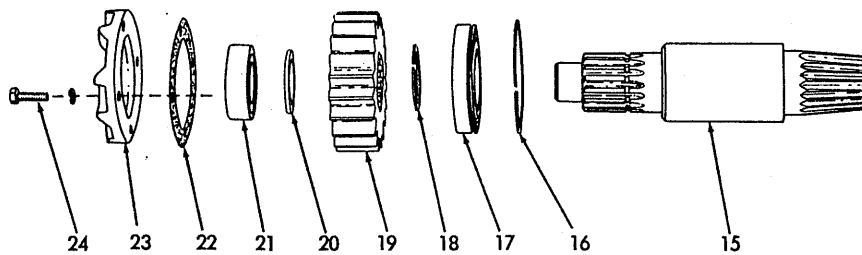
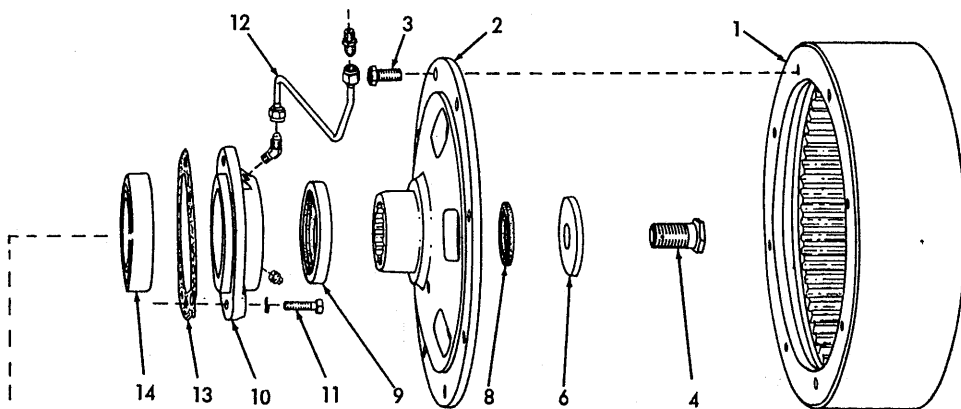
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FINAL DRIVE PINION SHAFT (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
8	035793	-	2	PIN, hub retaining washer
9	053670	2	2	SEAL, oil
10	629675	2	2	CAGE, inner bearing (If for tractors prior to #14882 also order GASKET 629672)
11	922211	12	12	CAPSCREW, Nylok, 3/8"NC x 1-1/4"
	904206	12	12	LOCKWASHER, 3/8"
12	051245	2	2	GASKET, inner bearing cage (Used prior to tractor #14882)
	629672	2	2	GASKET, inner bearing cage (Effective with tractor #14882)
13	063912	2	2	BEARING, roller, inner
14	049945	-	2	SHAFT
15	040831	-	2	RING, snap, intermediate bearing
16	063912	-	2	BEARING, roller, intermediate
17	049899	2	2	RING, snap, pinion shaft
18	049881	2	2	PINION (20 teeth)
19	050273	2	2	BEARING, roller, outer
20	049903	2	2	GASKET, outer bearing cover
21	049818	2	2	COVER, outer bearing
22	916272	8	8	CAPSCREW, 3/8"NC x 1-1/4"
	904206	8	8	LOCKWASHER, 3/8"
23	049822	2	-	HUB, brake drum
24	650835	16	-	BOLT, self-locking, 1/2"NC x 1"



FIRST TYPE



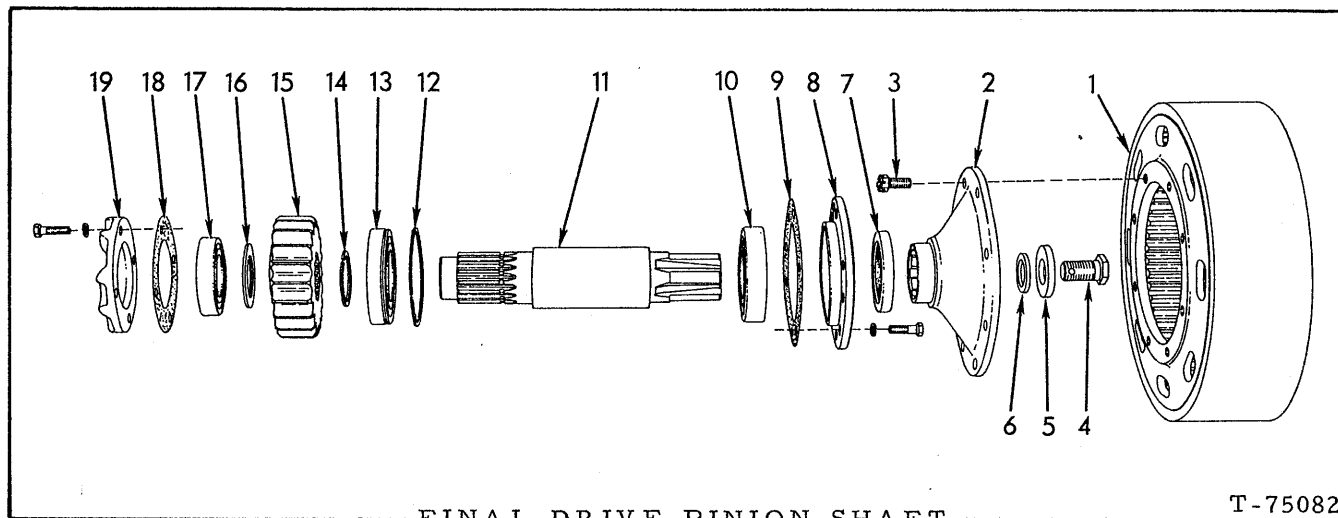
FINAL DRIVE PINION SHAFT

T-38218

FINAL DRIVE PINION SHAFT

USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	624539	2	DRUM, brake
2	624559	2	HUB, brake drum
3	650835	16	BOLT, self-locking, 1/2"NC x 1"
4	{ 630045	2	CAPSCREW, hub retaining (Tractors prior to #21302)
	663117	2	CAPSCREW, hub retaining (self-locking)(Tractor#21302 and up)
5	630052	2	LOCK, hub retaining capscrew (Tractors prior to #21302)
6	{ 631584	2	WASHER ASSEMBLY, hub retaining (Includes item7)(Tractors prior to #21302)
	664330	2	WASHER ASSEMBLY, hub retaining (Includes item 7)(Tractors #21302 thru 21656)
	666324	2	WASHER, hub retaining (Tractor #21657 and up)
7	035793	2	PIN, hub retaining washer (Tractors prior to #21657)
8	056513	2	WASHER, hub sealing (rubber)
9	628320	2	SEAL, oil
10	624558	2	CAGE, oil seal
	901651	2	PLUG, pipe, 1/8"NPT
11	922211	12	CAPSCREW, Nylok, 3/8"NC x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
12	{ 629629	1	TUBE ASSEMBLY, vent, left (Includes nuts)
	629630	1	TUBE ASSEMBLY, vent, right (Includes nuts)
	919171	2	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
	919464	2	ELBOW, flare type, 1/4" tube, 1/8"NPT male
13	629672	2	GASKET, oil seal cage
14	624554	2	BEARING, roller, inner
15	627475	2	SHAFT
16	040831	2	RING, snap, intermediate bearing
17	063912	2	BEARING, roller, intermediate
18	049899	2	RING, snap, pinion shaft
19	628310	2	PINION (20 teeth)
20	050295	2	WASHER, pinion retaining
21	628429	2	BEARING, roller, outer
22	049903	2	GASKET, outer bearing cover
23	628425	2	COVER, outer bearing
24	916272	8	CAPSCREW, 3/8"NC x 1-1/4"
	904206	8	LOCKWASHER, 3/8"



FINAL DRIVE PINION SHAFT

T-75082

USAGE: Model HD6B, AG tractors serial No. 21448 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	647868	2	DRUM, brake
2	666340	2	HUB, brake drum
3	650835	16	BOLT, self-locking, 1/2" NC x 1"
4	663117	2	CAPSCREW, hub retaining
5	666324	2	WASHER, hub retaining
6	661922	2	WASHER, sealing
7	053670	2	SEAL, oil
8	666332	2	CAGE, oil seal
	922211	12	CAPSCREW, Nylok, 3/8" NC x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
9	629672	2	GASKET, oil seal cage
10	624554	2	BEARING, roller, inner
11	666357	2	SHAFT
12	040831	2	RING, snap, intermediate bearing
13	063912	2	BEARING, roller, intermediate
14	049899	2	RING, snap, pinion shaft
15	628310	2	PINION (20 teeth)
16	050295	2	WASHER, pinion retaining
17	628429	2	BEARING, roller, outer
18	049903	2	GASKET, outer bearing cover
19	628425	2	COVER, outer bearing
	916272	8	CAPSCREW, 3/8" NC x 1-1/4"
	904206	8	LOCKWASHER, 3/8"

MEMO

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

FINAL DRIVE SPROCKET, SHAFT AND GEAR

* Models HD6A,B, AG; also Model HD6E tractors prior to serial No. 14484

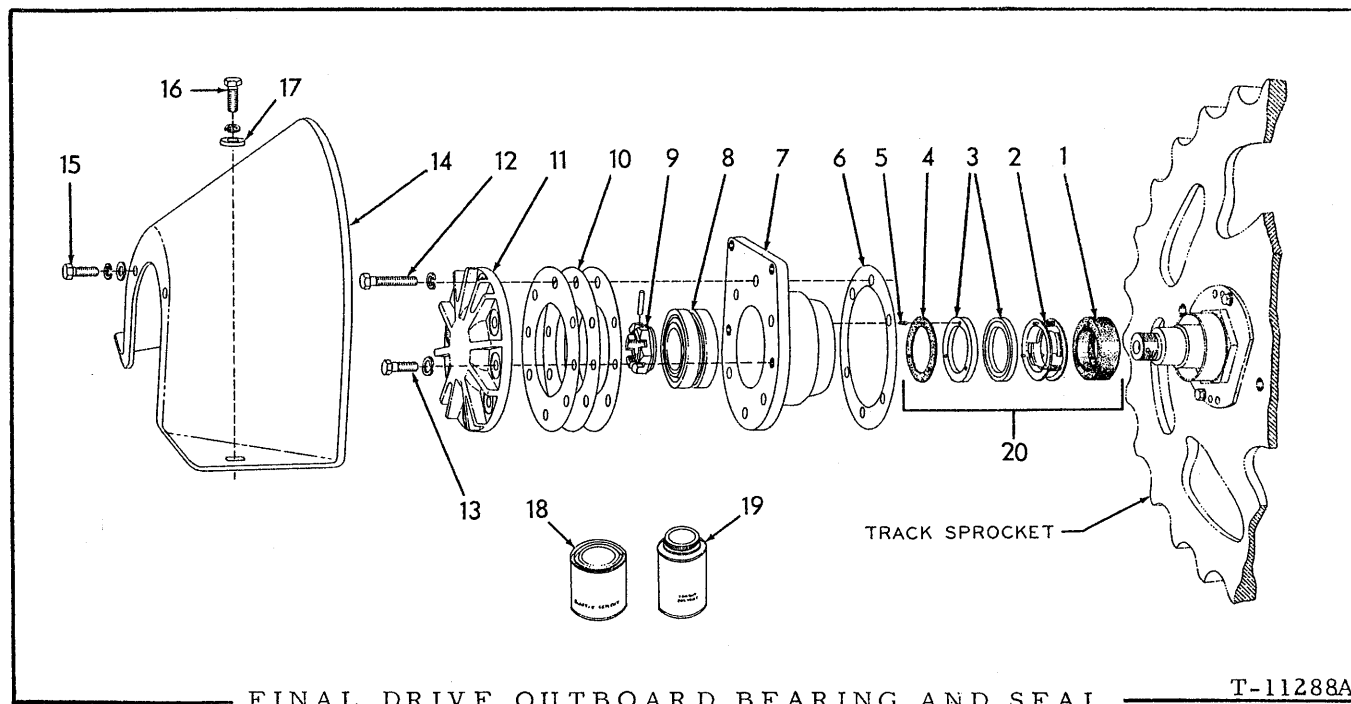
** Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY. * **		DESCRIPTION	
1	051400	2	-	GEAR (51 teeth)(Tractors prior to #21448)	
	628108	-	2	GEAR (46 teeth)(Effective with tractor #21448 on Models HD6B,AG. Also adaptable to prior units if equipped with SHAFT 630778. See page 182)	
2	051395	2	2	LOCK, gear retaining	
3	916225	4	4	CAPSCREW, 3/8"NF x 1"	
4	051396	2	2	LOCK, capscrew	
5	034108	2	-	O-RING, shaft end cover (2-7/8" I. D.)	
	923585	-	2	O-RING, shaft end cover (3-1/8" I. D.)	
6	091325	2	-	COVER, shaft end, inner (3-3/16"O.D.)	
	628341	-	2	COVER, shaft end, inner (3-1/2"O.D.)	
7	210740	2	-	CUP, inner bearing (3.672"O.D.)	
	080551	-	2	CUP, inner bearing (4"O.D.)	
8	043491	2	-	CONE ASSEMBLY, inner bearing (1-3/16" long)	
	080552	-	2	CONE ASSEMBLY, inner bearing (1-1/4" long)	
9	080954	2	-	SHAFT, track sprocket (6 splines)(Used prior to tractor #13595)	
	621238	2	2	SHAFT, track sprocket (20 splines)(Effective with tractor #13595)	
10	050278	2	-	CONE ASSEMBLY, intermediate bearing (Used prior to tractor #13595)	
	054246	2	2	CONE ASSEMBLY, intermediate bearing (Effective with tractor #13595)	
11	050276	2	2	CUP, intermediate bearing	
12	051240	4	4	SHIM, bearing adjustment (.005" thick)	} Use as req'd.
	051241	4	4	SHIM, bearing adjustment (.007" thick)	
	051242	16	16	SHIM, bearing adjustment (.010" thick)	
13	051244	2	2	RETAINER, intermediate bearing	
14	049851	2	2	GUARD, inner seal	
15	915987	16	16	CAPSCREW, 1/2"NC x 1-1/2"	
	904208	16	16	LOCKWASHER, 1/2"	
16	049826	2	2	BOOT, inner seal	
17	049825	2	2	FOLLOWER ASSEMBLY, inner seal (Serviced only as a unit)	} See item 28
18	096158	2	2	RING, inner seal (stationary)	
19	096159	2	2	RING, inner seal (rotating)	
20	923825	2	2	O-RING, seal ring	

(Continued)

FINAL DRIVE SPROCKET, SHAFT AND GEAR (Continued)

ITEM	PART NO.	QTY. * **		DESCRIPTION	
21	096155	2	-	LOCK, sprocket retaining nut (Used prior to tractor #13595)	
	621243	2	2	LOCK, sprocket retaining nut (Effective with tractor #13595)	
22	916271	4	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	4	LOCKWASHER, 3/8"	
23	081369	2	-	NUT, sprocket retaining (Used prior to tractor #13595)	
	621241	2	2	NUT, sprocket retaining (Effective with tractor #13595)	
24	096145	2	-	SPROCKET, track (Standard)	} 6-spline type. Used prior to tractor #13595.
	096166	2	-	SPROCKET, track (Special. Has narrow tooth-base to minimize packing of track)	
	622510	2	2	SPROCKET, track (Standard)	} 20-spline type. Effective with tractor #13595.
	629266	2	2	SPROCKET, track (Special. Has narrow tooth-base to minimize packing of track)	
	629269	2	2	SPROCKET RIM only (Standard type. Requires welding to install)	
25	042930	6	6	PIN, driving, inner seal ring	
26	033288	-	-	CEMENT, neoprene, 1/2 pt. can	} For cementing seal boots
27	054890	-	-	SOLVENT, neoprene cement, 1/2 pt. can	
28	096278	2	2	SEAL KIT (Includes parts for one (1) side only; items 16 thru 20)	

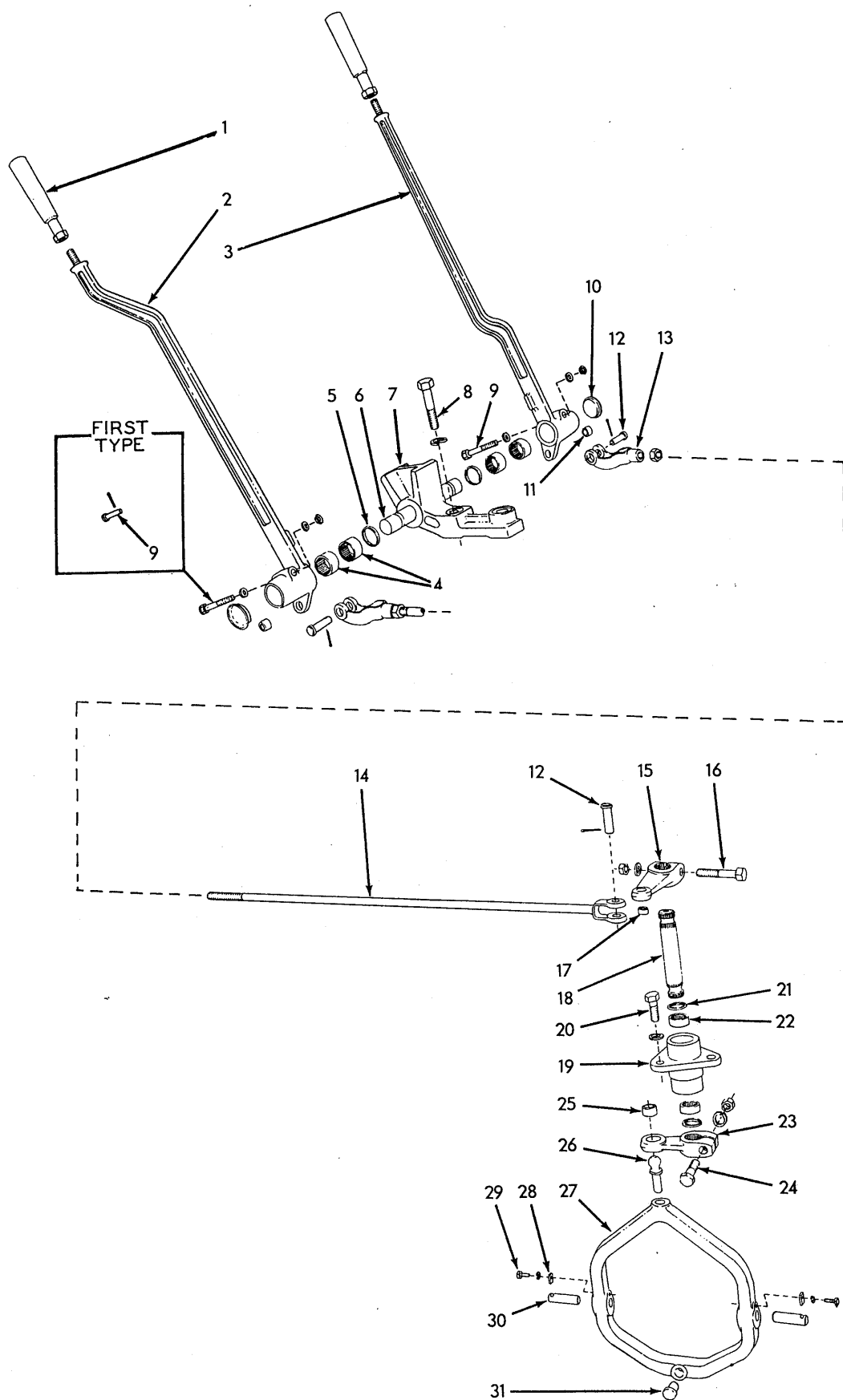


FINAL DRIVE OUTBOARD BEARING AND SEAL

* Tractors prior to serial No. 13595
 ** Tractors serial No. 13595 and up

ITEM	PART NO.	QTY.		DESCRIPTION
1	049109	2	-	☐ BOOT, seal
	051112	-	2	☐ BOOT, seal
2	049111	2	-	☐ SPRING ASSEMBLY, seal (Serviced only as a unit)
	051121	-	2	☐ SPRING ASSEMBLY, seal (Serviced only as a unit)
3	049110	4	-	☐ RING, seal
	051124	-	4	☐ RING, seal
4	049836	2	-	☐ GASKET, seal ring
	051125	-	2	☐ GASKET, seal ring
5	081194	6	6	STUD, locating, seal ring (Rivets to cage)
6	085726	12	12	SHIM, outboard bearing cage (.015" thick. Use as required)
7	085834	2	-	CAGE ASSEMBLY, outboard bearing (Includes item 5)
	621245	-	2	CAGE ASSEMBLY, outboard bearing (Includes item 5)
8	629354	2	2	BEARING, roller (Each consists of 1 roller assembly and cups. Serviced only as a unit)
9	081242	2	2	NUT, retaining, outboard bearing
	915513	2	2	PIN, spring, 1/4" x 3/4"
10	085827	4	4	SHIM, bearing adjustment (.005" thick)
	085829	4	4	SHIM, bearing adjustment (.007" thick)
	085828	10	10	SHIM, bearing adjustment (.010" thick)
11	085831	2	2	CAP, outboard bearing
12	916420	12	12	CAPSCREW, 1/2"NF x 2-1/4"
13	920603	4	4	CAPSCREW, 1/2"NF x 1-1/8"
	904208	16	16	LOCKWASHER, 1/2"
14	633559	2	2	GUARD, track sprocket (Special equipment. For tractors prior to #15730)
	631973	-	2	GUARD, track sprocket (Special equipment. For tractors #15730 and up)
15	070469	4	4	CAPSCREW, 1/2"NF x 1-1/4"
	900818	4	4	WASHER, plain, U. S. std., 1/2"
16	614478	4	4	CAPSCREW, 1/2"NF x 1-3/8" (Early units)
	904208	8	8	LOCKWASHER, 1/2"
17	064531	4	4	WASHER, plain
18	033288	-	-	CEMENT, neoprene, 1/2 pt. can
19	054890	-	-	SOLVENT, neoprene cement, 1/2 pt. can
20	073763	2	-	SEAL KIT (Includes parts for one (1) side only; items 1 thru 4)
	660382	-	2	SEAL KIT (Includes parts for one (1) side only; items 1 thru 4)

☐ Indicates components of item 20



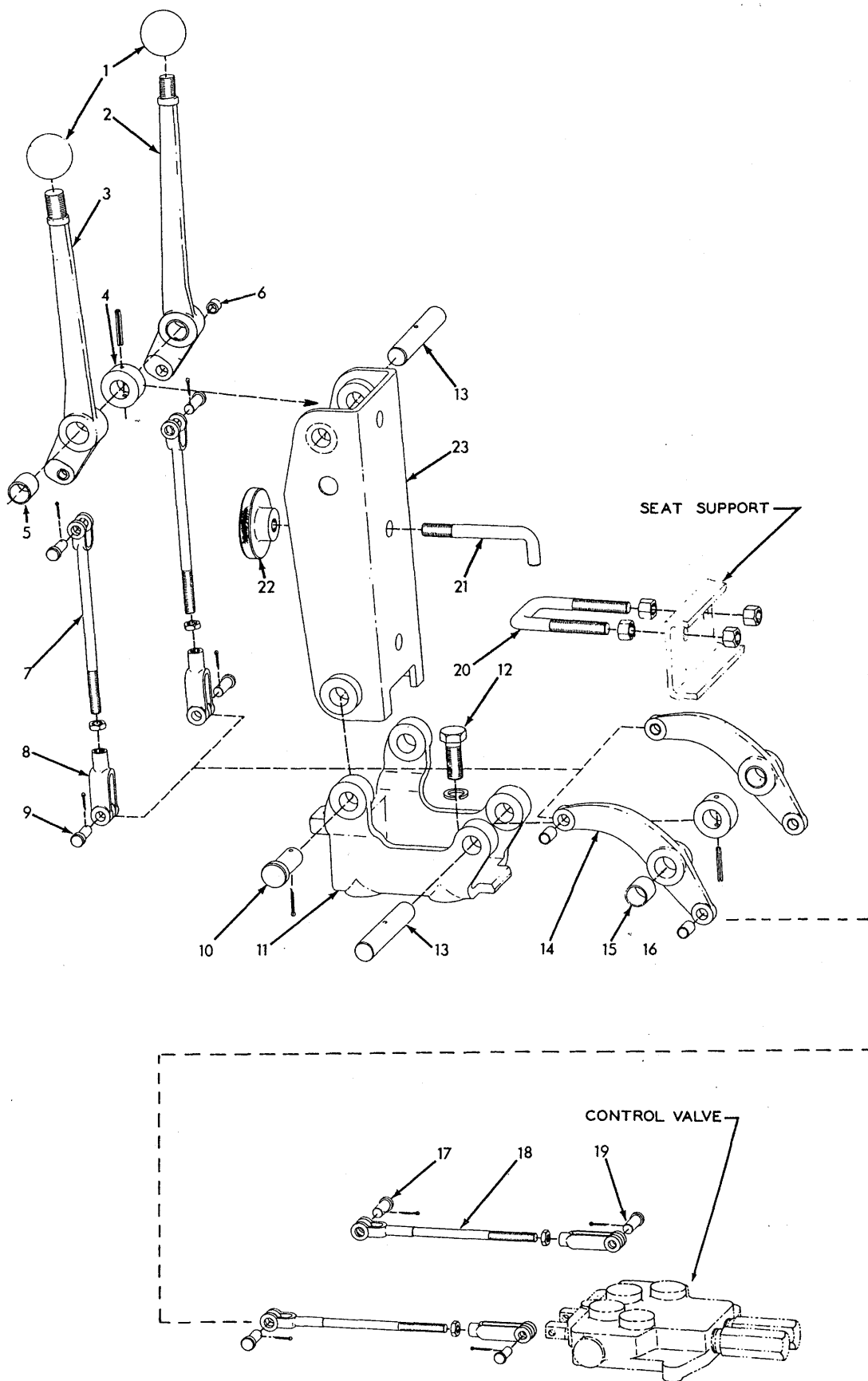
STEERING CLUTCH THROWOUT

T-14059

STEERING CLUTCH THROWOUT

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	078620	2	GRIP, operating lever
2	088925	1	LEVER ASSY., operating, left (Includes item 11)
3	088926	1	LEVER ASSY., operating, right (Includes item 11)
4	051513	4	BEARING, needle, operating lever
5	053926	2	SEAL, dust, operating lever
6	049994	1	SHAFT, pivot, operating lever
7	050287	1	BRACKET ASSY., operating lever (Includes item 6)
8	914876	2	CAPSCREW, 5/8"NC x 2-1/2"
	904209	2	LOCKWASHER, 5/8"
9	031854	2	PIN, retaining, operating lever (Tractors prior to #19422)
	900942	2	PIN, cotter, 3/32" x 5/8"
	916274	2	CAPSCREW, operating lever (3/8"NC x 2-1/4")(Tractors #19422 and up)
	911115	4	WASHER, plain, SAE std., 3/8"
	911026	2	NUT, 3/8"NC
10	064942	2	COVER, operating lever
11	049988	2	BUSHING, operating lever (steel)
12	049993	4	PIN, control rod yoke
	900806	4	PIN, cotter, 1/8" x 1"
13	069684	2	YOKE, throwout rod
14	069673	2	ROD, control
	911043	2	NUT, 1/2"NF
15	050309	2	LEVER ASSY., intermediate, upper (Includes item 17)
16	916315	2	CAPSCREW, 1/2"NC x 2-1/4"
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
17	049988	2	BUSHING, intermediate upper lever (steel)
18	050311	2	SHAFT, intermediate lever
19	050289	2	CAGE, intermediate shaft bearing
20	916311	6	CAPSCREW, 1/2"NC x 1-1/4"
	904208	6	LOCKWASHER, 1/2"
21	053927	4	SEAL, dust, intermediate lever shaft
22	050442	4	BEARING, needle, intermediate lever shaft
23	050310	2	LEVER ASSY., intermediate, lower (Includes item 25)
24	916315	2	CAPSCREW, 1/2"NC x 2-1/4"
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
25	050308	2	BUSHING, intermediate lower lever (steel)
26	035878	2	BALL, throwout yoke
27	050248	2	YOKE ASSY., throwout (Includes items 26 and 31)
28	050221	4	BLOCK, trunnion pin locking
29	915343	4	CAPSCREW, 1/4"NC x 5/8"
	904204	4	LOCKWASHER, 1/4"
30	050222	4	PIN, trunnion
31	050220	2	PIN, wear, throwout yoke



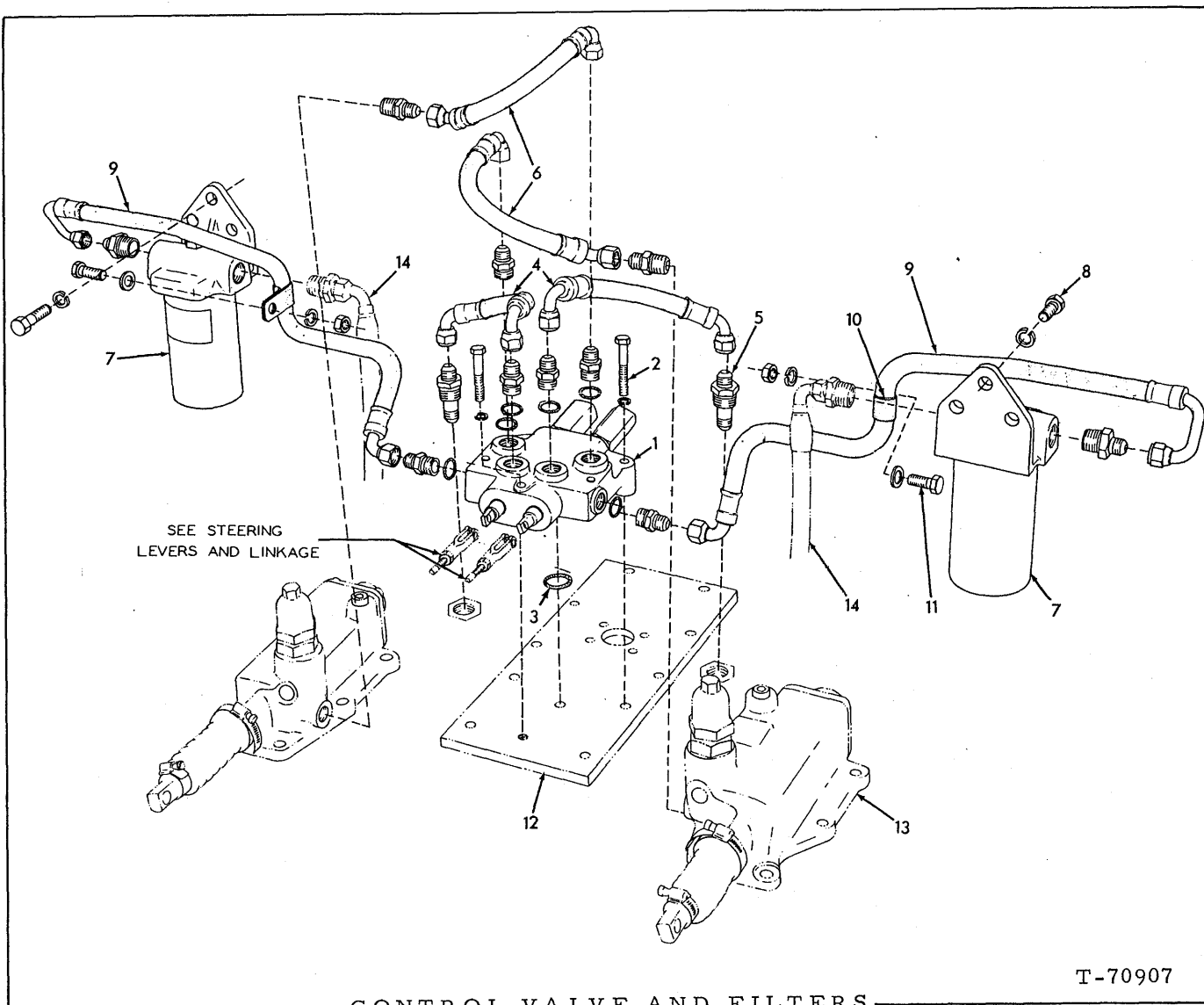
STEERING LEVERS AND LINKAGE (HD6E)

T-39318

STEERING LEVERS AND LINKAGE

USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	090020	2	KNOB, steering lever
2	637530	1	LEVER ASSEMBLY, steering, right (Includes items 5 and 6)
3	628329	1	LEVER ASSEMBLY, steering, left (Includes items 5 and 6)
4	628160	2	SPACER, steering lever shaft
	915989	2	PIN, spring, 3/16" x 1-3/8"
5	628157	2	BUSHING, steering levers (large)
6	624584	2	BUSHING, steering levers (small)
7	628324	2	ROD, control, vertical
	911041	2	NUT, 3/8"NF
8	628736	2	YOKE, vertical control rod
9	078810	4	PIN, control rod yoke
	900801	2	PIN, cotter, 3/32" x 3/4"
10	917650	2	PIN, steering lever bracket
	910302	2	PIN, cotter, 5/32" x 1-1/4"
11	653914	1	BRACKET, mounting
12	913828	2	CAPSCREW, 5/8"NC x 1-1/2"
	904209	2	LOCKWASHER, 5/8"
13	628159	2	SHAFT, cross
14	624178	2	LEVER ASSEMBLY, bellcrank (Includes items 15 and 16)
15	628157	2	BUSHING, lever (large)
16	624584	4	BUSHING, lever (small)
17	078810	2	PIN, control rod yoke, front
	900801	2	PIN, cotter, 3/32" x 3/4"
18	628325	2	ROD, control, horizontal
	910980	2	NUT, jam, 5/16"NF
	917663	2	YOKE, rod end, adjustable, 5/16"NF
19	627451	2	PIN, control rod yoke, rear
	900801	2	PIN, cotter, 3/32" x 3/4"
20	630439	1	U-BOLT, bracket supporting
	911043	4	NUT, 1/2"NF
21	630962	1	BOLT, hook, bracket supporting
22	630948	1	KNOB, bracket supporting bolt
23	628331	1	BRACKET, steering lever



CONTROL VALVE AND FILTERS

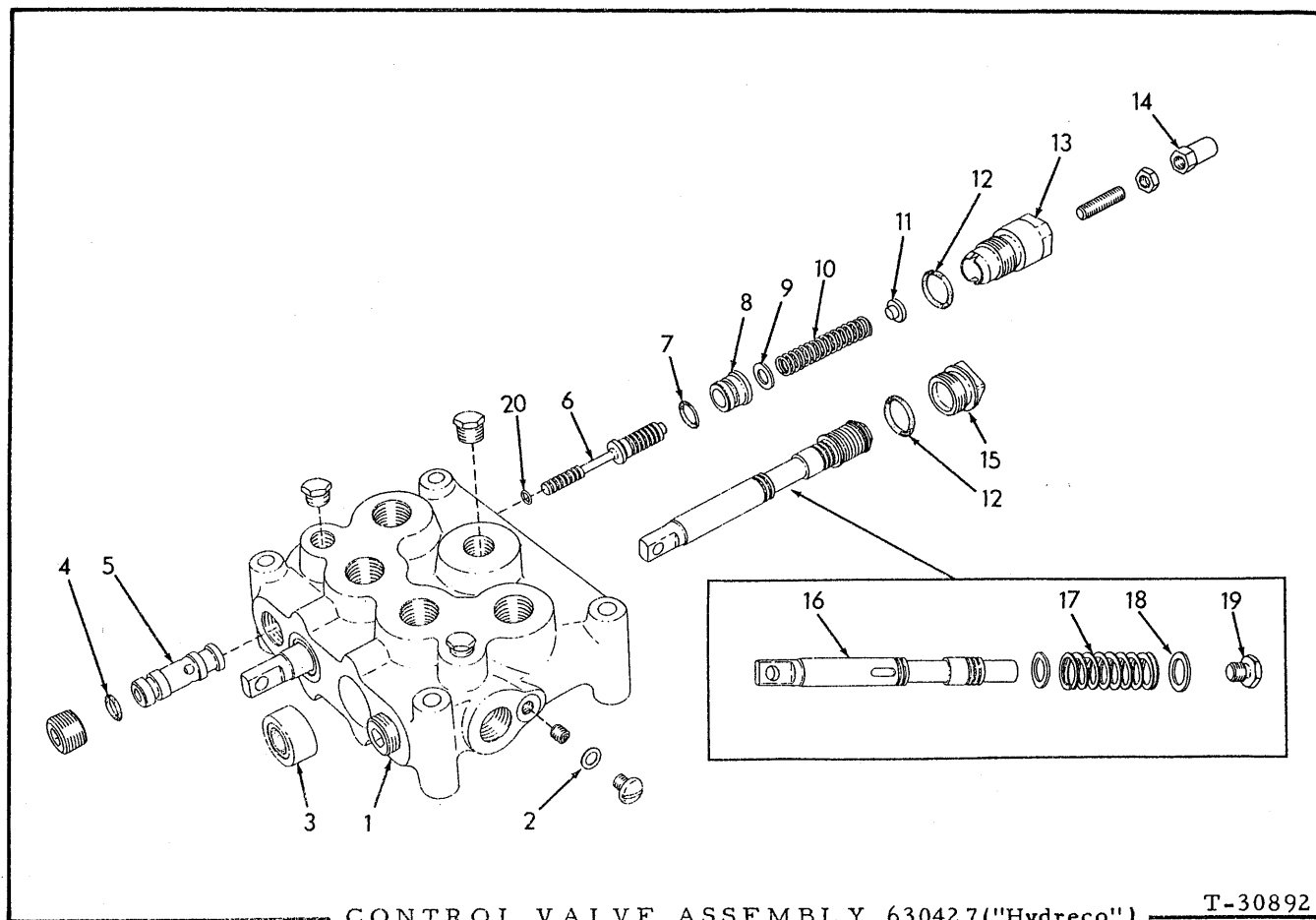
CONTROL VALVE AND FILTERS

USAGE: Model HD6E tractors serial No. 14484 and up; also serial No. 70C22251 and up)

* Tractors prior to serial No. 19642

** Tractors serial No. 19642 and up

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	630427	1	-	VALVE ASSY. ("Hydreco". See page 200 for parts)
	651432	-	1	VALVE ASSY. ("Cessna. See page 202 for parts)(Tractors prior to unit #23369)
	677645-1	-	1	VALVE ASSY. ("Cessna". See page 202A for parts)(Tractors unit #23369 and up)
2	086238	4	-	CAPSCREW, 3/8"NC x 3-3/4"
	916388	-	1	CAPSCREW, 3/8"NF x 2-3/4"
	912069	-	2	CAPSCREW, 3/8"NC x 2-1/2"
	904206	-	3	LOCKWASHER, 3/8"
3	923575	-	1	O-RING, valve to compartment cover
	923947	-	1	O-RING, valve to compartment cover
4	644395	2	2	HOSE, clutch control (See HOSE PARTS)
	919128	2	-	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	921409	-	2	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING 921349)
5	628458	2	2	UNION, bulkhead
6	644394	2	2	HOSE, brake control (See HOSE PARTS)
	919128	4	2	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male
	921409	-	2	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING 921349)
7	631512	2	2	FILTER ASSEMBLY (See page 203 for parts)
8	913249	6	6	CAPSCREW, 1/2"NF x 1-1/4"
	904208	6	6	LOCKWASHER, 1/2"
9	644860	2	2	HOSE, filter to valve (See HOSE PARTS)
	921466	2	2	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male
	919128	2	-	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	921409	-	2	CONNECTOR, flare type, 1/2" tube, 3/4"NF male end (Includes O-RING 921349)
10	094467	2	-	CLIP, hose supporting (3/4" diam.)(Used prior to tractor #17909)
	644713	-	2	CLIP, hose supporting (7/8" diam.)(Effective with tractor #17909)
11	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	911115	1	1	WASHER, plain, SAE std., 3/8"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
12	-----	1	1	COVER, bevel gear compartment (See MAIN HOUSING)
13	-----	2	2	VALVE ASSEMBLY (See HYDRAULIC BRAKES)
14	-----	2	2	HOSE, pump to filter (See STEERING PUMP AND LINES)
15	-----	2	2	TRANSFER, instruction (See PAINTING AND MARKING)



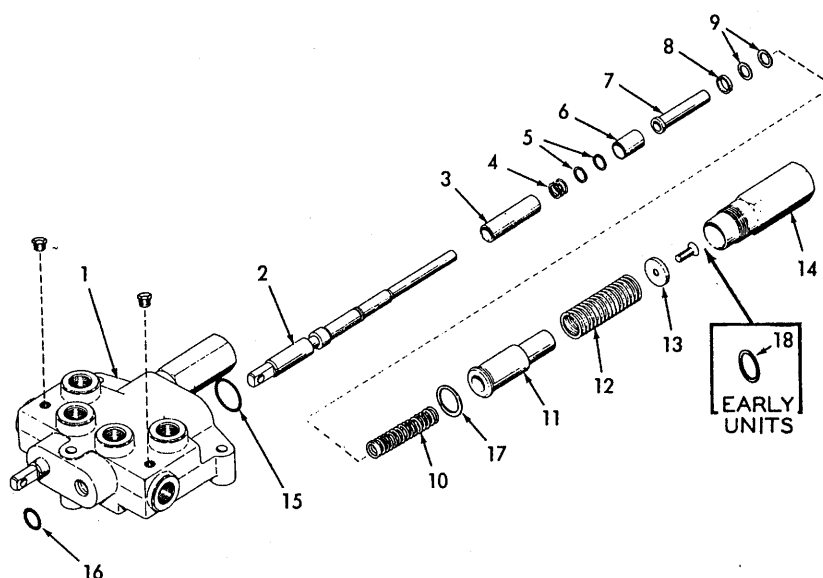
USAGE: See page 199

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	HOUSING (Not serviced separately)
	919840	2	PLUG, pipe, hex-hd., 1/4"NPT
	920333	1	PLUG, pipe, hex-hd., 3/8"NPT
	908944	2	PLUG, pipe, hex-socket, 1/2"NPT
	900585	2	SCREW, machine, 5/16"NC x 5/8"
2	3001737	2	GASKET, plugging screw
3	623420	2	SEAL, oil, operating plunger
4	923548	2	O-RING, relief valve front seat
5	3014007	2	SEAT, relief valve, front
	905564	2	SETSCREW, hex-socket, cup-pt., 5/16"NC x 5/8"
6	623431	2	PLUNGER, relief valve
7	923376	2	O-RING, relief valve rear seat
8	623430	2	SEAT, relief valve, rear
9	631935	2	WASHER, relief valve plunger
10	630528	2	SPRING, relief valve

(Continued)

CONTROL VALVE ASSEMBLY 630427 ("Hydreco") (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	623427	2	GUIDE, relief valve spring
12	923574	4	O-RING, rear caps
13	623428	2	CAP, relief valve adjustment
	921303	2	SETSCREW, oval-pt., 3/8"NF x 1-1/2"
	911048	2	NUT, jam, 3/8"NF
14	3002757	2	NUT, acorn, relief valve
15	623429	2	CAP, operating plunger
16	-----	2	PLUNGER, operating (Not serviced separately)
17	627378	2	SPRING, operating plunger
18	627377	4	WASHER, operating plunger
19	627380	2	CAP, operating plunger
20	655743	2	O-RING, relief valve plunger



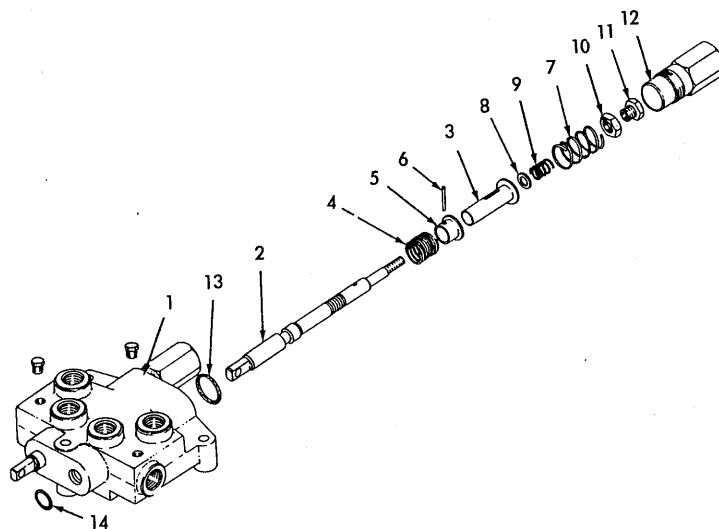
CONTROL VALVE ASSEMBLY 651432 ("Cessna")

T-72040

USAGE: See page 199

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	BODY (Not serviced separately)
	919134	2	PLUG, pipe, hex-hd., 1/8"NPT
2	-----	2	PLUNGER (Not serviced separately)
3	651564	2	PISTON, pressure regulating
4	651569	2	SPRING, pressure regulating (short)
5	{ 651576	-	SHIM, pressure adjustment (.015" thick)
	{ 651577	-	SHIM, pressure adjustment (.005" thick)
6	651571	2	SLEEVE, valve plunger (outer)
7	651572	2	SLEEVE, valve plunger (inner)
8	651573	2	WASHER, valve plunger
9	{ 651574	-	SHIM, pressure adjustment (.015" thick)
	{ 651575	-	SHIM, pressure adjustment (.005" thick)
10	661676	2	SPRING, pressure regulating (long)
11	651565	2	SLEEVE, plunger return spring
12	651570	2	SPRING, plunger return
13	651567	2	WASHER, end, valve plunger
	924989	2	SCREW, machine, flat-hd., 1/4"NF x 7/8"
14	651566	2	CAP, valve plunger
15	924416	2	O-RING, valve body (large)
16	923645	2	O-RING, valve body (small)
17	663123	2	SHIM, plunger clearance (Late units)
18	663124	2	SHIM, plunger clearance (Early units)

Use as req'd

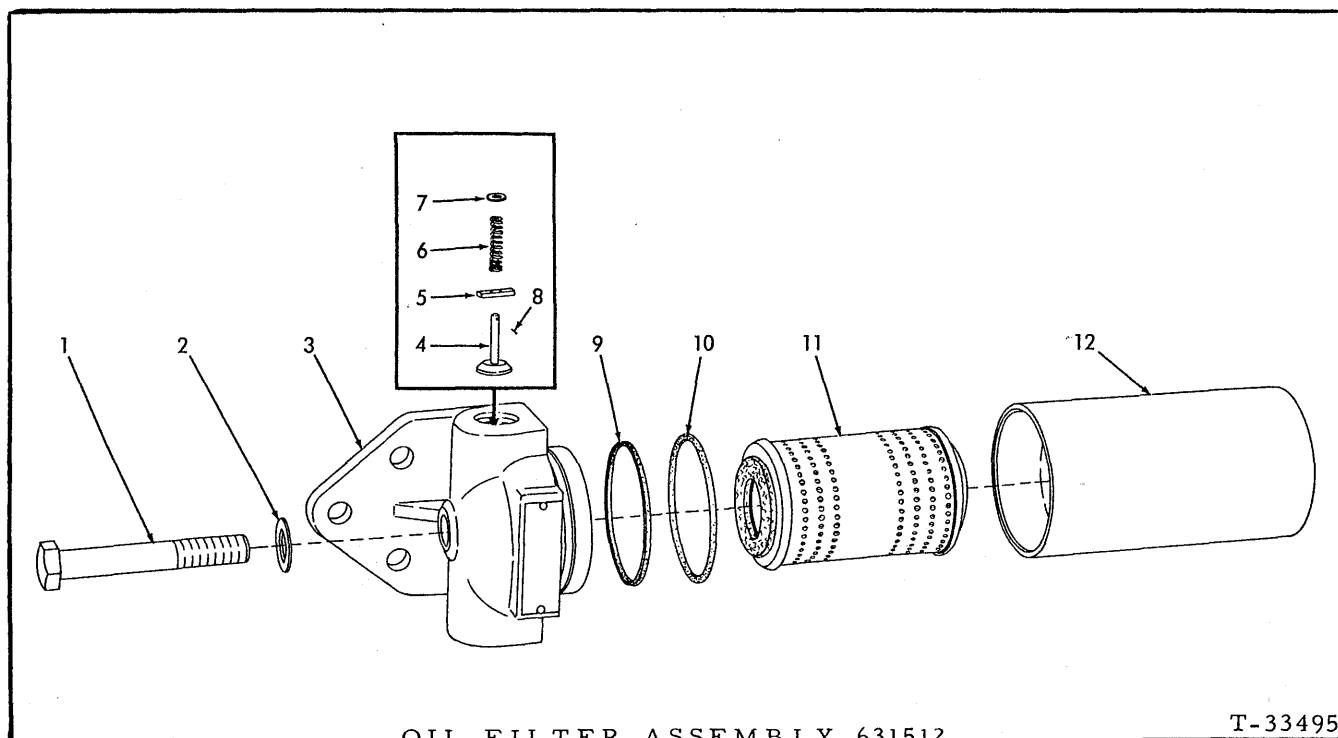


CONTROL VALVE ASSEMBLY 0677645-4 ("Cessna")

T-75919

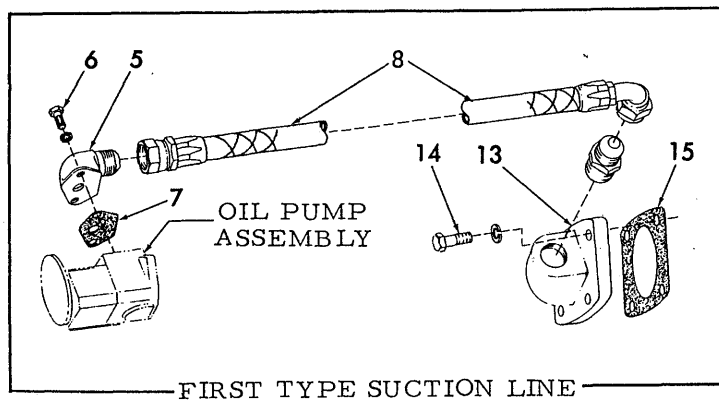
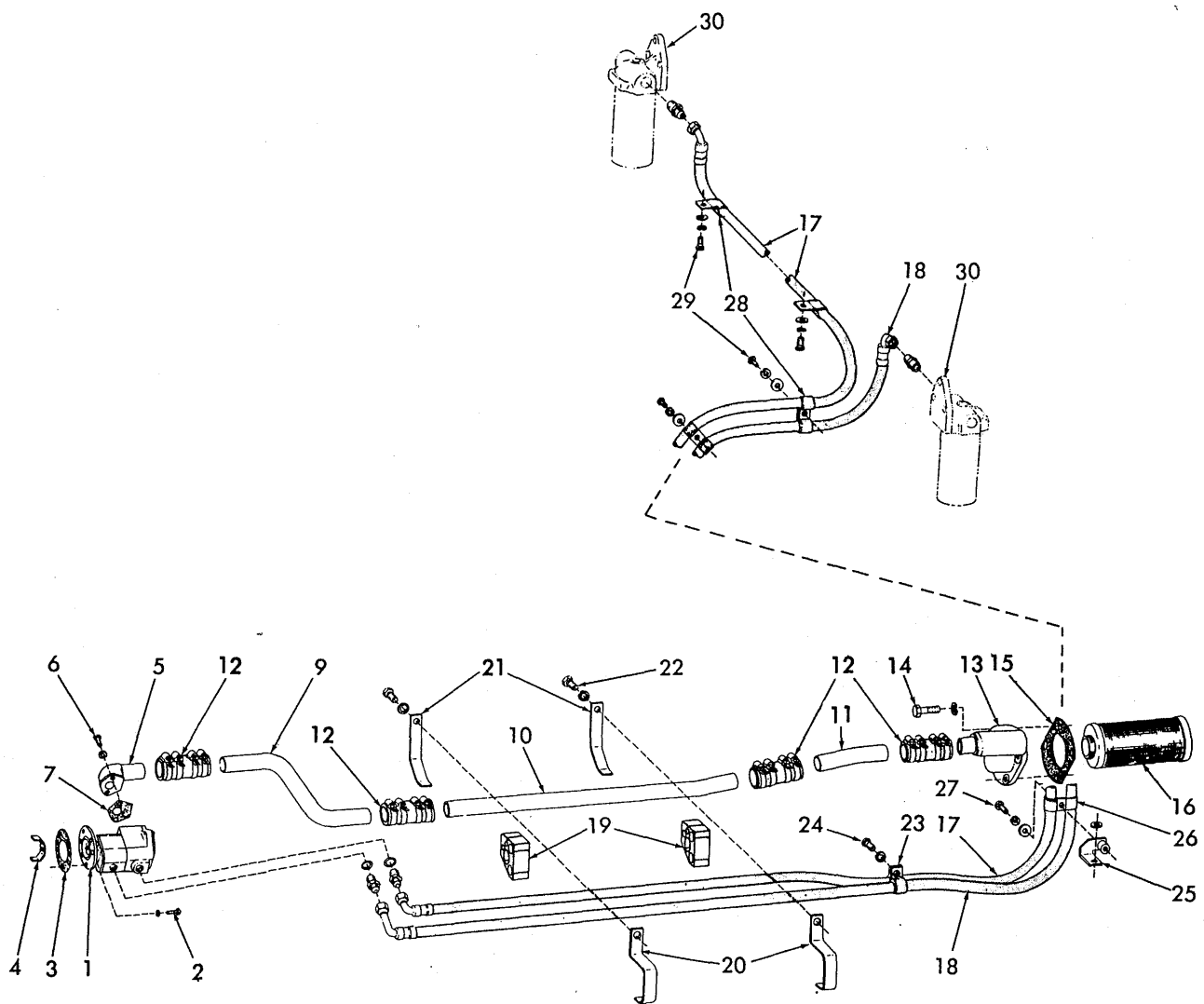
USAGE: See page 199

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	BODY (Not serviced separately)
	0919134-7	2	PLUG, pipe, hex-hd., 1/8"NPT
2	-----	2	PLUNGER (Not serviced separately)
3	0677636-3	2	SLEEVE
4	0677643-9	2	SPRING
5	0677637-1	2	BUSHING
6	0677640-5	2	PIN
7	0677644-7	2	SPRING
8	0677641-3	2	WASHER
9	0677642-1	2	SPRING
10	0677639-7	2	NUT
11	0677638-9	2	RETAINER
12	0677634-8	2	CAP
13	0924416-1	2	O-RING (large)
14	0923645-6	2	O-RING (small)



USAGE: See page 199

ITEM	PART NO.	QTY.	DESCRIPTION
1	070299	1	CAPSCREW, head retaining (5/8"NF x 4")
2	631869	1	WASHER, head retaining capscREW
3	631846	1	HEAD
4	-----	1	VALVE, by-pass (Requires snap ring)(Early units. Order VALVE 646302 and PIN 900970)
	646302	1	VALVE, by-pass (Requires cotter pin)(Late units)
5	631868	1	SPANNER, by-pass valve
6	631870	1	SPRING, by-pass valve
7	632060	1	WASHER, by-pass valve spring
8	632061	1	RING, snap, by-pass valve (Early units)
	900970	1	PIN, cotter, 1/16" x 1/2" (Late units)
9	632062	1	RING, sealing, filter head
10	632063	1	O-RING, filter head
11	631827	1	ELEMENT KIT (Includes items 2, 9 and 10)
12	632064	1	TANK



STEERING PUMP AND LINES

T-72022

STEERING PUMP AND LINES

USAGE: Model HD6E tractors serial No. 14484 and up

* Tractors prior to serial No. 17909

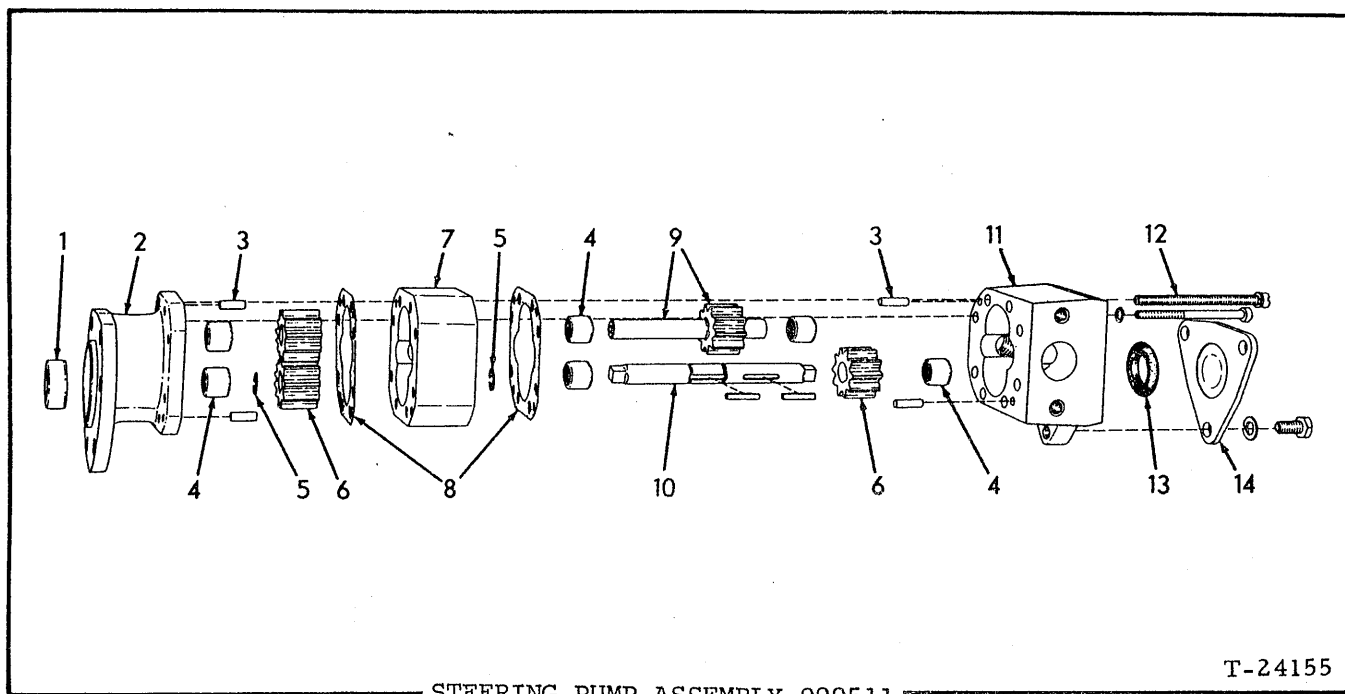
** Tractors serial No. 17909 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	{ 099511	1 -	PUMP ASSEMBLY, oil (See page 207 for parts)
	643630	- 1	PUMP ASSEMBLY, oil (See page 208 for parts)
2	921194	6 6	CAPSCREW, Nylock, 5/16"NC x 7/8"
	904205	6 6	LOCKWASHER, 5/16"
3	099510	1 1	GASKET, oil pump
4	630914	1 1	COUPLING, pump drive
5	{ 099534	1 -	ELBOW, pump inlet (Used prior to tractor #14903)
	630301	1 1	ELBOW, pump inlet (Effective with tractor #14903)
6	915809	2 2	CAPSCREW, 5/16"NC x 3/4"
	904205	2 2	LOCKWASHER, 5/16"
7	099533	1 1	GASKET, pump elbow
8	-----	1 -	HOSE ASSEMBLY, suction (Used prior to tractor #14903. Order ELBOW 630301, COVER 630658 and items 9 thru 12)
	919064	1 -	CONNECTOR, flare type, 1" tube, 1"NPT male
<u>NOTE:</u> Items 9 thru 12 comprise the Second Type Suction Line used on tractors serial No. 14903 and up			
9	{ 630288	1 -	TUBE, suction line, front section
	644373	- 1	TUBE, suction line, front section
10	630287	1 1	TUBE, suction line, center section
11	630286	1 1	TUBE, suction line, rear section
12	630636	4 4	HOSE, suction line
	921912	16 16	CLAMP, hose, 1-1/16" to 2" diam.
13	{ -----	1 -	COVER, oil screen compartment (Used prior to tractor #14903. Order COVER 630658, ELBOW 630301 and items 9 thru 12)
	630658	1 1	COVER, oil screen compartment (Effective with tractor #14903)
14	916272	4 4	CAPSCREW, 3/8"NC x 1-1/4"
	904206	4 4	LOCKWASHER, 3/8"
15	627357	1 1	GASKET, screen compartment cover
16	624552	1 1	SCREEN, oil
17	644859	1 1	HOSE, pump to right filter (See HOSE PARTS)
	919128	1 -	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	921409	- 1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male (Includes O-RING 921349)
	921466	1 1	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male

(Continued)

STEERING PUMP AND LINES (Continued)

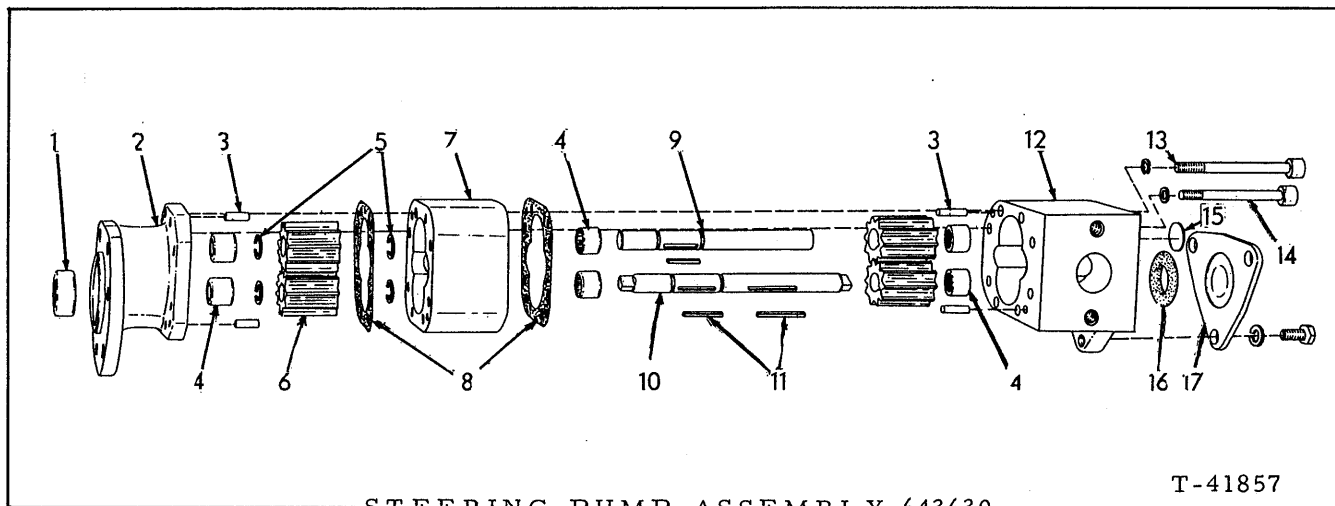
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
18	644858	1	1	HOSE, pump to left filter (See HOSE PARTS)
	919128	1	-	CONNECTOR, flare type, 1/2" tube, 1/2"NPT male
	921409	-	1	CONNECTOR, flare type, 1/2" tube, 3/4"NF male (Includes O-RING 921349)
	921466	1	1	CONNECTOR, flare type, 1/2" tube, 3/4"NPT male
19	{ 628634	2	-	BLOCK, hose supporting (rubber)
	{ 644371	-	2	BLOCK, hose supporting (rubber)
20	{ 628632	2	-	CLAMP, hose supporting, inner
	{ 644369	-	2	CLAMP, hose supporting, inner
21	{ 628633	2	-	CLAMP, hose supporting, outer
	{ 644368	-	2	CLAMP, hose supporting, outer
22	913249	2	2	CAPSCREW, clamp attaching (1/2"NF x 1-1/4")
	904208	2	2	LOCKWASHER, 1/2"
23	{ 621304	2	-	CLIP, hose supporting (3/4" diam.)
	{ 644713	-	2	CLIP, hose supporting (7/8" diam.)
24	{ 070469	1	1	CAPSCREW, 1/2"NF x 1-1/4" (Early units)
	{ 916311	-	1	CAPSCREW, 1/2"NC x 1-1/4" (Late units)
	{ 904208	1	1	LOCKWASHER, 1/2"
25	648319	1	1	ANGLE, clip supporting
	910244	1	1	WASHER, plain, SAE std., 1/2"
26	{ 094467	2	-	CLIP, hose supporting (3/4" diam.)
	{ 644713	-	2	CLIP, hose supporting (7/8" diam.)
27	{ 036039	1	1	CAPSCREW, 3/8"NF x 1-3/8" (Early units)
	{ 919225	-	1	CAPSCREW, 3/8"NC x 1-3/8" (Late units)
	{ 904206	1	1	LOCKWASHER, 3/8"
	{ 911115	1	1	WASHER, plain, SAE std., 3/8"
28	{ 094467	6	-	CLIP, hose supporting (3/4" diam.)
	{ 644713	-	6	CLIP, hose supporting (7/8" diam.)
29	{ 036032	4	4	CAPSCREW, 3/8"NF x 3/4" (Early units)
	{ 915408	-	4	CAPSCREW, 3/8"NC x 3/4" (Late units)
	{ 904206	4	4	LOCKWASHER, 3/8"
	{ 911115	4	4	WASHER, plain, SAE std., 3/8"
30	-----	-	-	FILTER ASSEMBLY (See CONTROL VALVE AND FILTERS)



STEERING PUMP ASSEMBLY 099511

USAGE: See page 205

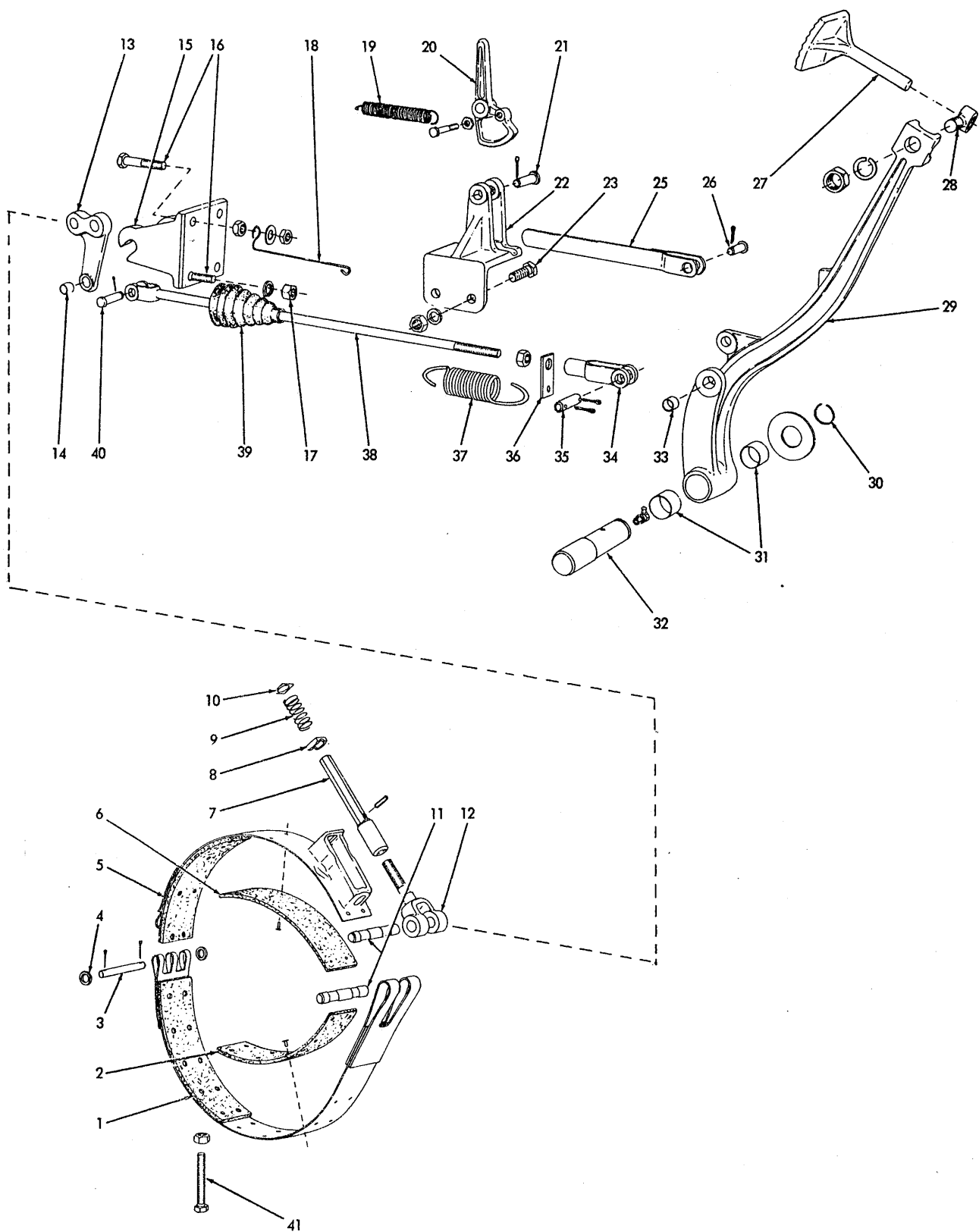
ITEM	PART NO.	QTY.	DESCRIPTION
1	4047783	1	SEAL, pump shaft
2	-----	1	STATOR (Not serviced separately)
3	4048000	4	PIN, dowel
4	077241	6	BEARING, needle
5	099949	2	RING, snap, drive shaft
6	099944	3	GEAR
7	-----	1	HOUSING, front (Not serviced separately)
8	621363	2	GASKET, front housing
9	622173	1	SHAFT ASSEMBLY, driven (Includes gear and snap rings. Serviced only as a unit)
10	099945	1	SHAFT, drive
	920994	2	KEY, straight, 1/8" x 1/8" x 3/4"
11	-----	1	HOUSING, rear (Not serviced separately)
	903747	6	SCREW, fil-hd., 1/4"NC x 3"
	904204	6	LOCKWASHER, 1/4"
12	081802	2	SCREW, fil-hd., 1/4"NC x 3-1/2" (Includes lockwasher)
13	099941	1	O-RING, rear cover
14	099939	1	CAP, rear
	905661	3	CAPSCREW, 5/16"NC x 5/8"
	904205	3	LOCKWASHER, 5/16"



USAGE: See page 205

ITEM	PART NO.	QTY.	DESCRIPTION
1	3033846	1	SEAL, pump shaft
2	-----	1	STATOR (Not serviced separately)
3	4048000	4	PIN, dowel
4	3033589	6	BEARING, needle
5	643739	4	RING, snap, gear retaining
6	643720	4	GEAR
7	-----	1	HOUSING, front (Not serviced separately)
8	621363	2	GASKET, front housing
9	643717	1	SHAFT, idler
10	643716	1	SHAFT, drive
11	3010542	3	KEY, straight
12	-----	1	HOUSING, rear (Not serviced separately)
13	667395	2	SCREW, hex. socket-hd., 1/4"NC x 4-1/2"
14	667396	6	SCREW, hex. socket-hd., 1/4"NC x 4"
	904204	8	LOCKWASHER, 1/4"
15	092107	1	PLUG, expansion, 11/16" diam.
16	099941	1	O-RING, rear cover
17	099939	1	CAP, rear
	916277	3	CAPSCREW, 5/16"NC x 5/8"
	904205	3	LOCKWASHER, 5/16"

MEMO



BRAKES (First type)

T-13141

BRAKES

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	622820	2	BAND ASSEMBLY, lower half (Includes lining)
2	-----	4	LINING, lower band (Order item 42)
	911097	36	RIVET, tubular, brass, flat-hd., 3/16" x 3/8"
	911098	4	RIVET, tubular, brass, flat-hd., 3/16" x 9/16"
3	050325	2	PIN, band hinge
	910967	4	PIN, cotter, 1/8" x 7/8"
4	058614	4	WASHER, band hinge pin
5	622823	2	BAND ASSEMBLY, upper half (Includes lining)
6	-----	4	LINING, upper band (Order item 42)
	911097	28	RIVET, tubular, brass, flat-hd., 3/16" x 3/8"
	911098	4	RIVET, tubular, brass, flat-hd., 3/16" x 9/16"
7	090960	2	ADJUSTER, brake band
	916227	2	PIN, spring, 1/4" x 1"
8	090958	2	BLOCK, adjuster spring
9	079203	2	SPRING, adjuster
10	079229	2	WASHER, adjuster spring
11	092787	4	PIN, band end
12	050328	2	FORK, band adjustment
13	050323	2	BELLCRANK ASSEMBLY (Includes item 14)
14	049988	2	BUSHING, bellcrank (steel)
15	622754	2	BRACKET, bellcrank
16	916421	8	CAPSCREW, 1/2"NF x 2-1/2"
	904208	6	LOCKWASHER, 1/2"
	911043	2	NUT, 1/2"NF
17	038234	6	NUT, high, 1/2"NF
18	089224	2	CLIP, parking brake lock spring
	913830	2	NUT, jam, 1/2"NF
	910244	2	WASHER, plain, SAE std., 1/2"
19	072438	2	SPRING, parking brake lock
20	050316	2	LOCK, parking brake
	916280	2	CAPSCREW, 5/16"NC x 2"
	906652	2	NUT, jam, 5/16"NC
21	033074	2	PIN, parking brake lock
	910967	2	PIN, cotter, 1/8" x 7/8"
22	085787	2	BRACKET, parking brake lock
23	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC

(Continued)

BRAKES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
25	051288	2	BAR, locking, parking brake
26	049993	2	PIN, parking brake locking bar
	910967	2	PIN, cotter, 1/8" x 7/8"
27	050434	2	PAD, pedal
28	050433	2	BOLT, eye, pedal pad
	911044	2	NUT, 5/8"NF
	904209	2	LOCKWASHER, 5/8"
29	{ 621385	1	PEDAL ASSEMBLY, left brake (Includes items 31 and 33)
	{ 621386	1	PEDAL ASSEMBLY, right brake (Includes items 31 and 33)
30	054182	2	RING, snap, pedal shaft
31	034514	4	BUSHING, pedal (bronze)
32	085762	2	SHAFT, pedal
	911159	2	WASHER, plain, SAE std., 1"
	915276	2	FITTING, lubricating, 90°, 1/8"NPT
33	049988	2	BUSHING, pedal (steel)
34	068389	2	YOKE, operating rod
35	088389	2	PIN, brake operating rod yoke
	910967	4	PIN, cotter, 1/8" x 7/8"
36	079742	2	CLIP, pedal spring
37	638567	2	SPRING, pedal retracting
38	085779	2	ROD, brake operating
	911043	2	NUT, 1/2"NF
39	078908	2	BOOT, brake operating rod (rubber)
40	049993	2	PIN, brake operating rod
	910967	2	PIN, cotter, 1/8" x 7/8"
41	050268	2	SCREW, band supporting (hex-hd., 1/2"NC x 3-1/4")
	911028	2	NUT, 1/2"NC
42	076552	2	LINING KIT (Each consists of 4 linings and 36 rivets) (Not illustrated)

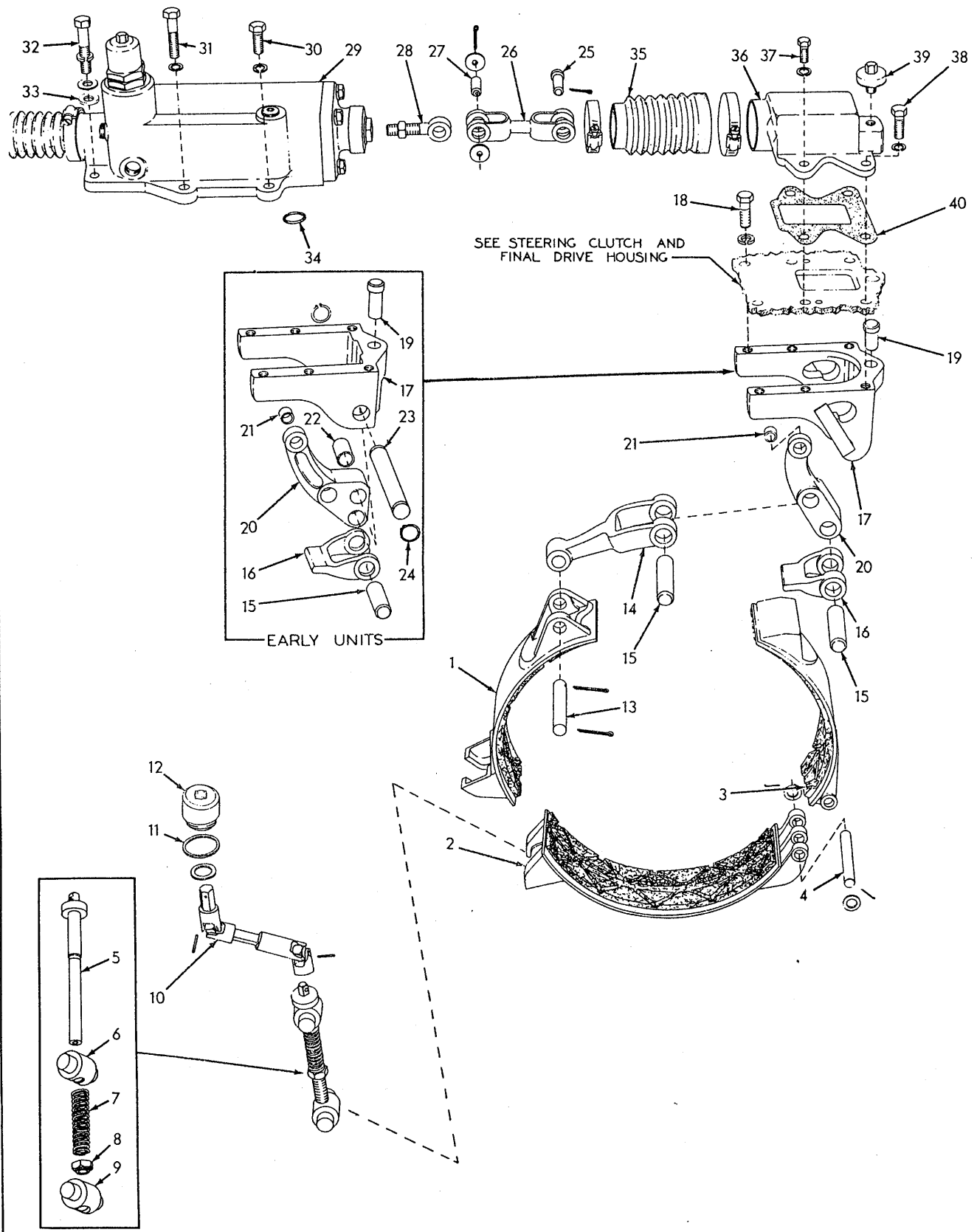
HYDRAULIC BRAKES

USAGE: Model HD6E tractors serial No. 14484 and up

* Tractors prior to serial No. 15939
 ** Tractors serial No. 15939 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	624647	2	2	BAND ASSEMBLY, top section (Includes bonded lining)
2	624645	2	2	BAND ASSEMBLY, bottom section (Includes bonded lining)
3	624646	2	2	BAND ASSEMBLY, rear section (Includes bonded lining)
4	624735	2	2	PIN, band hinge
	912476	4	4	WASHER, plain, 17/32" x 1" x .077"
	900806	4	4	PIN, cotter, 1/8" x 1"
5	624319	2	2	SCREW, band adjusting
6	624359	2	2	PIN, adjusting screw, upper band
7	098292	2	2	SPRING, band adjusting screw
8	624318	2	2	NUT, band adjusting screw
9	624720	2	2	PIN, adjusting screw, bottom band
10	627334	2	2	DRIVE ASSEMBLY, universal, band adjustment (Serviced only as a unit)
	921330	2	2	PIN, roll, 7/32" x 1-1/8" (lower)
	920335	2	2	PIN, roll, 5/32" x 1-1/8" (upper)
	910883	2	2	WASHER, plain, 29/32" x 1-1/2" x .107"
11	623144	2	2	GASKET, brake adjustment hole plug
12	653773	2	2	PLUG, brake adjustment hole
13	624734	2	2	PIN, top band
	900808	4	4	PIN, cotter, 1/8" x 1-1/2"
14	624395	2	2	YOKE, brake band, upper
15	624767	4	-	PIN, band yoke
	638728	-	4	PIN, band yoke (Used prior to tractor #18316)
	624767	-	4	PIN, band yoke (Effective with tractor #18316)
16	624768	2	-	YOKE, brake band, lower
	639434	-	2	YOKE, brake band, lower (Used prior to tractor #18316)
	624768	-	2	YOKE, brake band, lower (Effective with tractor #18316)
17	624486	2	-	BRACKET ASSEMBLY, band lever (Includes item 19)
	630408	-	2	BRACKET ASSEMBLY, band lever (Includes item 19)(Used prior to tractor #18316)
	646604	-	2	BRACKET ASSEMBLY, band lever (Includes item 19)(Effective with tractor #18316)
18	919190	12	12	CAPSCREW, 1/2"NF x 1-3/8"
	904208	12	12	LOCKWASHER, 1/2"

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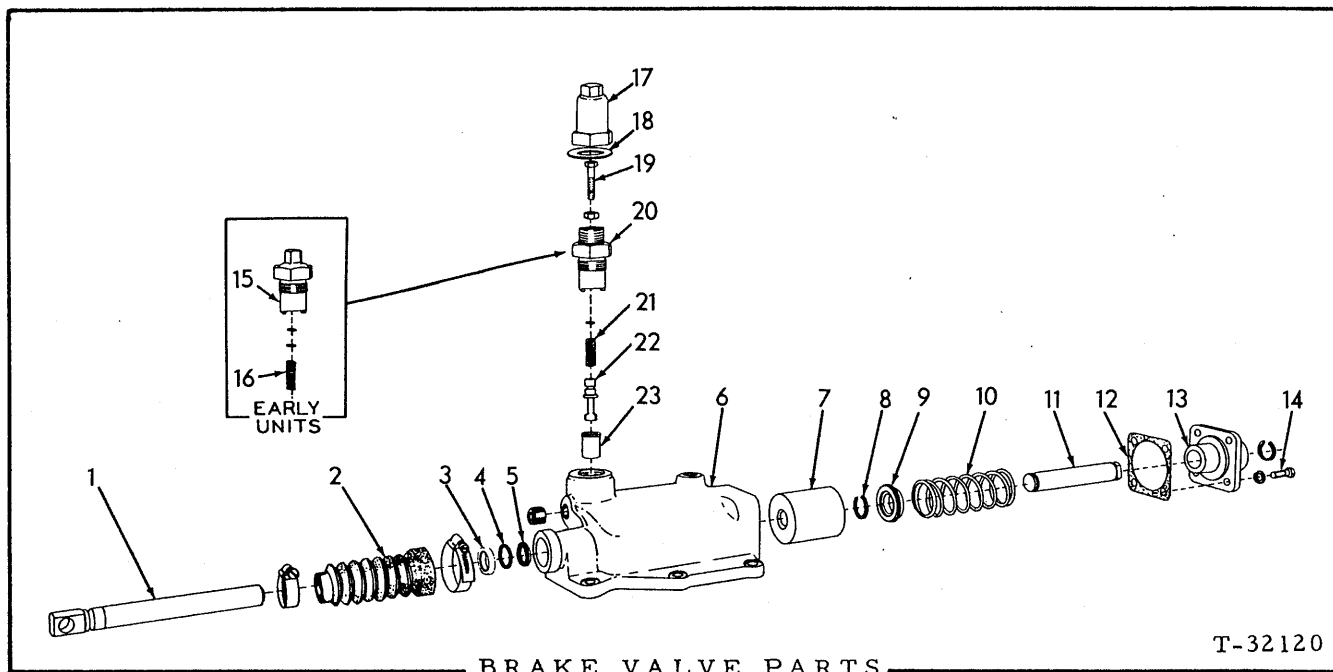


HYDRAULIC BRAKES (Model HD6E)

T-38217

HYDRAULIC BRAKES (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
19	624485	2	2	PIN, dowel, band lever bracket	
20	624402	2	-	LEVER ASSEMBLY, band operating (Includes item 21)	
	638715	-	2	LEVER ASSEMBLY, band operating (Includes items 21 and 22) (Used prior to tractor #18316)	
	646602	-	2	LEVER ASSEMBLY, band operating (Includes item 21)(Effective with tractor #18316)	
21	052669	2	2	BUSHING, band operating lever (short)	
22	638730	-	2	BUSHING, band operating lever (long)	} Used prior to tractor #18316
23	638729	-	2	PIN, band operating lever	
24	638758	-	4	RING, snap, operating lever pin	
25	052671	2	2	PIN, connecting rod, rear	
	900806	2	2	PIN, spring, 1/8" x 1-1/4"	
26	624357	2	2	ROD, connecting	
27	627363	2	2	PIN, connecting rod, front (Used prior to tractor #16399)	
	919761	2	2	PIN, spring, 1/8" x 1-1/4"	
	638504	-	2	PIN, connecting rod, front (Effective with tractor #16399)	
	904002	-	2	PIN, cotter, 1/8" x 2"	
	637730	-	4	WASHER, plain	
28	638869	2	2	EYE, connecting (If for tractors prior to #16399 also order 1 PIN 638504, 1 PIN 904002 and 2 WASHER 637730)	
	911049	2	2	NUT, jam, 5/8"NF	
29	638579	1	1	VALVE ASSEMBLY, left brake	} See page 216 for parts
	638580	1	1	VALVE ASSEMBLY, right brake	
30	913249	8	8	CAPSCREW, 1/2"NF x 1-1/4"	
31	916314	3	3	CAPSCREW, 1/2"NC x 2"	
32	916316	1	1	CAPSCREW, 1/2"NC x 2-1/2"	
	904208	12	12	LOCKWASHER, 1/2"	
	910244	1	1	WASHER, plain, SAE std., 1/2"	
33	058614	1	1	WASHER, plain	
34	923575	2	2	O-RING, valve discharge port	
35	627459	2	2	BOOT, connecting	
	921914	2	2	CLAMP, hose, 2-5/16" to 3-1/4" diam. (rear)	
	921913	2	2	CLAMP, hose, 1-13/16" to 2-3/4" diam. (front)	
36	624341	2	2	COVER, band linkage	
37	914875	4	4	CAPSCREW, 1/2"NF x 1"	
38	915987	4	4	CAPSCREW, 1/2"NC x 1-1/2"	
	904208	8	8	LOCKWASHER, 1/2"	
39	622207	2	2	BREATHER, clutch compartment	
40	627395	2	2	GASKET, band linkage cover	



USAGE: See page 213

* Tractors prior to serial No. 16 390

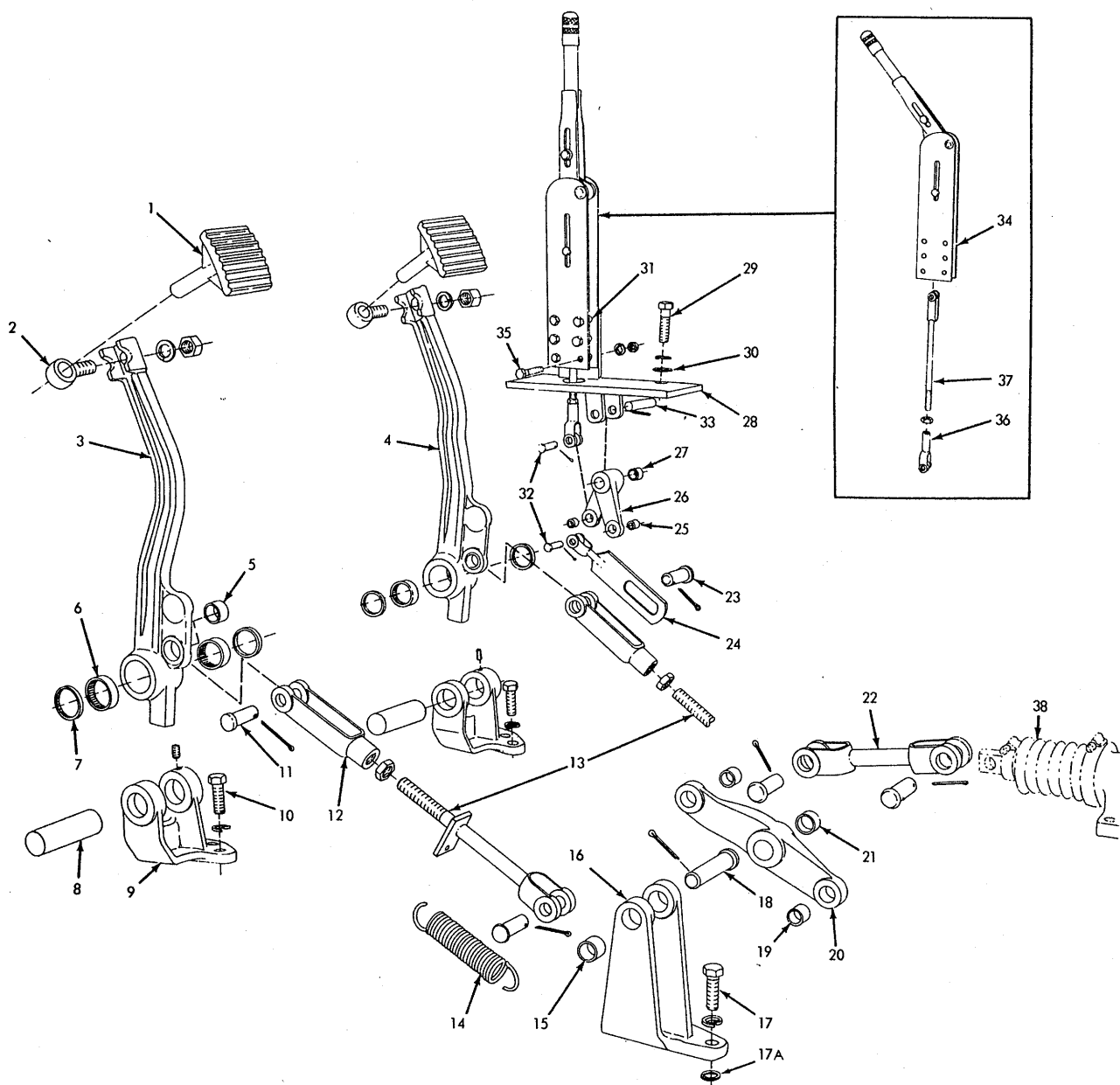
** Tractors serial No. 16390 and up

		QTY.		
ITEM	PART NO.	*	**	DESCRIPTION
<u>NOTE:</u> Quantities shown are for one (1) Valve Assembly only				
1	624765	1	1	SPOOL, valve
2	079421	1	1	BOOT, valve spool
	921913	1	1	CLAMP, hose, 1-13/16" to 2-3/4" diam. (rear)
	921912	1	1	CLAMP, hose, 1-1/16" to 2" diam. (front)
3	052641	1	1	SEAL, outer
4	624812	1	1	WASHER, back-up, inner seal (vellumoid)
5	624801	1	1	SEAL, inner
6	624629	1	1	HOUSING, left valve
	624630	1	1	HOUSING, right valve
	908944	1	1	PLUG, pipe, hex-socket, 1/2"NPT
7	624661	1	1	PISTON ASSEMBLY (Includes fulcrum pin)
8	624698	2	2	RING, snap, actuating rod
9	624769	1	1	RETAINER, actuating rod spring
10	624771	1	1	SPRING, actuating rod
11	624699	1	1	ROD, actuating

(Continued)

BRAKE VALVE PARTS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
12	624811	1	1	GASKET, actuating rod retainer
13	624640	1	1	RETAINER, actuating rod
14	012992	4	4	CAPSCREW, 3/8"NF x 1-1/4"
	904206	4	4	LOCKWASHER, 3/8"
15	-----	1	-	CAP, pressure relief valve (Order items 17 thru 21)
16	068911	1	-	SPRING, relief valve
	911982	3	-	WASHER, plain, .049" thick (Use as req'd)
	905272	1	-	WASHER, plain, .031" thick (Use as req'd)
17	638562	-	1	CAP, pressure adjustment screw
18	641148	-	1	GASKET, cap
19	638561	-	1	CAPSCREW, pressure adjustment
	911048	-	1	NUT, jam, 3/8"NF
20	638563	-	1	CAP, pressure relief valve spring
21	640290	-	1	SPRING, relief valve
	911982	-	1	WASHER, plain
22	628019	1	1	VALVE, relief
23	623211	1	1	SEAT, relief valve



HYDRAULIC BRAKE CONTROL (HD6E)

T-38216

HYDRAULIC BRAKE CONTROL

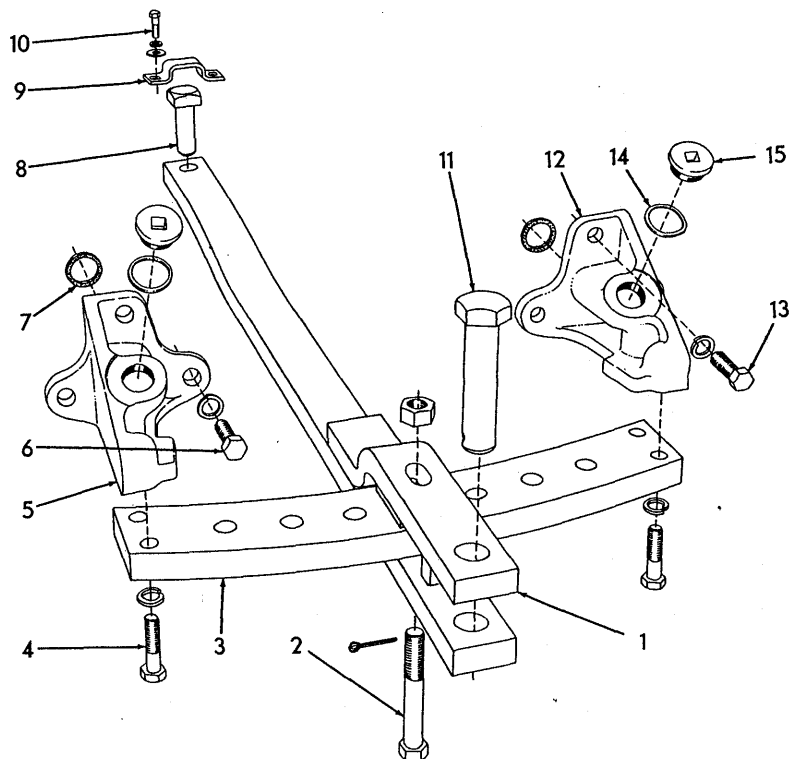
USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	627404	2	PAD, pedal lever
2	050433	2	BOLT, eye, pedal lever pad
	904209	2	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8"NF
3	639499	1	LEVER ASSEMBLY, pedal, left (Includes item 5)
4	639654	1	LEVER ASSEMBLY, pedal, right (Includes item 5)
5	052669	2	BUSHING, pedal lever
6	053244	4	BEARING, needle, pedal lever
7	053243	4	SEAL, dust, pedal lever
8	628208	2	SHAFT, pedal lever
	903093	2	SETSCREW, slotted-hd., cup-pt., 3/8"NC x 5/8"
9	627390	2	BRACKET, pedal lever
10	913105	8	CAPSCREW, 1/2"NF x 1-1/2"
	904208	8	LOCKWASHER, 1/2"
11	052671	7	PIN, brake rod
	900806	7	PIN, cotter, 1/8" x 1"
12	628730	2	YOKE, brake rod
13	628495	2	ROD, pedal to bellcrank lever
	911049	2	NUT, jam, 5/8"NF
14	624766	2	SPRING, pedal retracting
15	623164	4	BUSHING, bellcrank lever bracket
16	627407	2	BRACKET ASSEMBLY, bellcrank lever (Includes item 15)
17	913105	6	CAPSCREW, 1/2"NF x 1-1/2"
	904208	6	LOCKWASHER, 1/2"
17A	916009	4	WASHER, shimming, bellcrank lever bracket (Use as required)
18	628467	2	PIN, bellcrank lever
	910302	2	PIN, cotter, 5/32" x 1-1/4"
19	052669	4	BUSHING, bellcrank lever, end
20	627411	2	LEVER ASSEMBLY, bellcrank (Includes items 19 and 21)
21	631235	4	BUSHING, bellcrank lever, center
22	627401	2	ROD, bellcrank lever to valve
23	643996	1	PIN, right brake rod
	900806	1	PIN, cotter, 1/8" x 1"
24	630919	1	ROD, bellcrank to pedal
25	624584	2	BUSHING, bellcrank, end
26	630922	1	BELLCRANK ASSEMBLY, parking brake rod (Includes items 25 and 27)

(Continued)

HYDRAULIC BRAKE CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	049988	2	BUSHING, bellcrank, center
28	630936	1	BRACKET, lever mounting
29	916313	3	CAPSCREW, 1/2"NC x 1-3/4"
	904208	3	LOCKWASHER, 1/2"
30	064531	3	WASHER, plain
31	083847	6	SPACER, parking brake lever
32	078810	2	PIN, parking brake rod
	900942	2	PIN, cotter, 3/32" x 5/8"
33	630937	1	SHAFT, bellcrank
	918111	1	PIN, spring, 1/8" x 1"
34	083850	1	LEVER ASSEMBLY, parking brake (Serviced only as a unit)
35	916280	6	CAPSCREW, 5/16"NC x 2"
	904205	6	LOCKWASHER, 5/16"
	911025	6	NUT, 5/16"NC
36	628736	1	YOKE, parking brake rod
37	628324	1	ROD, parking brake lever to bellcrank
38	-----	-	VALVE ASSEMBLY (See HYDRAULIC BRAKES)

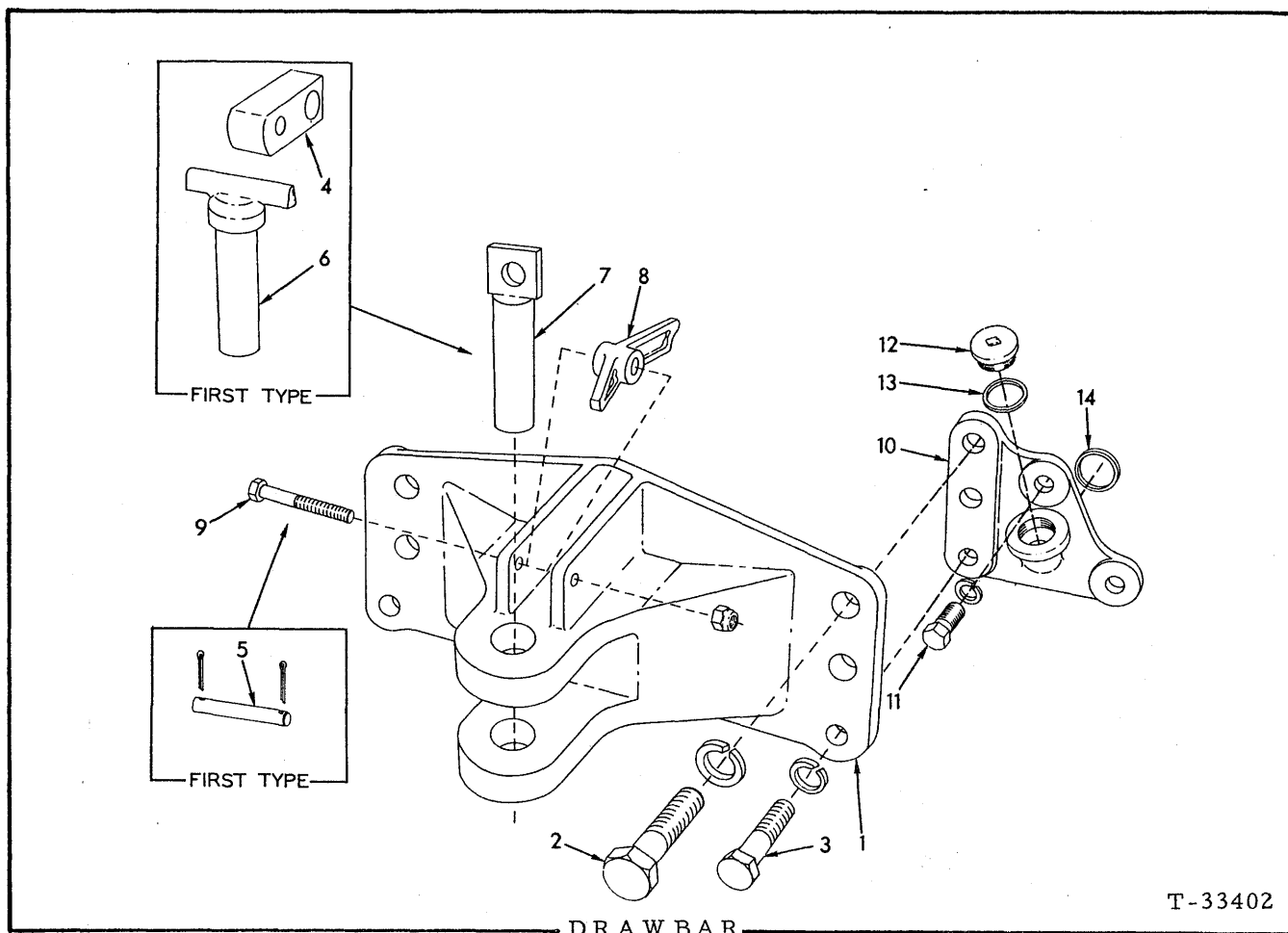


D R A W B A R (Swing-type)

T-11625

USAGE: Standard on Model HD6AG; also on Model HD6A, B, E prior to serial No. 18452; optional thereafter

ITEM	PART NO.	QTY.	DESCRIPTION
1	086499	1	DRAWBAR
2	053787	1	CAPSCREW, drawbar locking
	911047	1	NUT, 1"NF
	900814	1	PIN, cotter, 1/4" x 1-1/2"
3	050390	1	PLATE, drawbar supporting
4	070285	4	CAPSCREW, 3/4"NF x 3"
	904369	4	LOCKWASHER, 3/4"
5	050341	1	BRACKET, drawbar plate, left
6	013238	3	CAPSCREW, 3/4"NC x 2"
	904369	3	LOCKWASHER, 3/4"
7	050391	2	GASKET, drawbar plate bracket (cork)
8	086497	1	PIN, hinge
9	050447	1	PLATE, hinge pin retaining
10	070467	2	CAPSCREW, 1/2"NF x 1"
	904208	2	LOCKWASHER, 1/2"
	910244	2	WASHER, plain, SAE std., 1/2"
11	053746	1	PIN, drawbar coupling
12	050342	1	BRACKET, drawbar plate, right
13	013238	3	CAPSCREW, 3/4"NC x 2"
	904369	3	LOCKWASHER, 3/4"
14	035249	2	GASKET, final drive filler hole plug
15	035250	2	PLUG, final drive filler hole



USAGE: Standard on Model HD6A, B, E tractors serial No. 18452 and up

* Tractors serial No. 18452 thru 21641

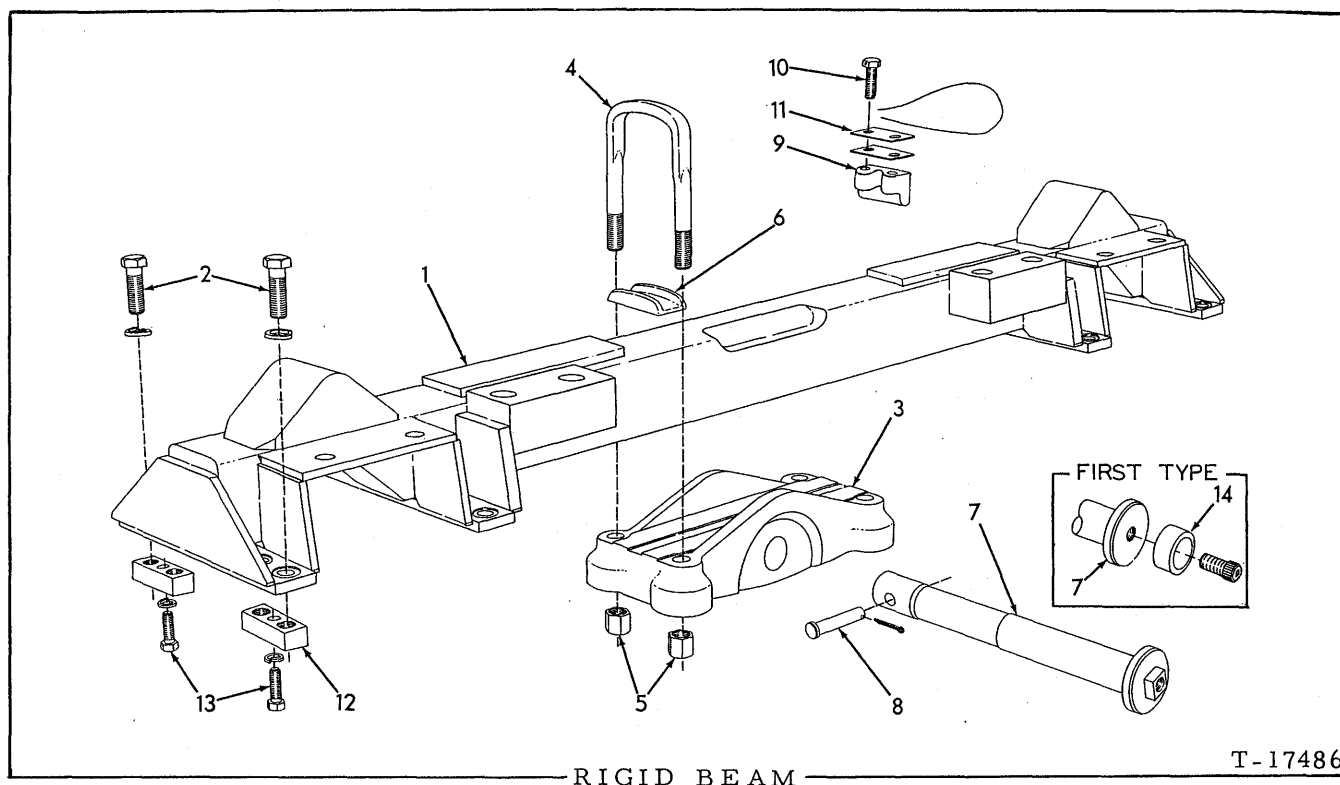
** Tractors serial No. 21642 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	624066	1	-	DRAWBAR
	661334	-	1	DRAWBAR
	629585	4	-	CAPSCREW, 7/8"NC x 3-1/4"
2	923456	-	4	CAPSCREW, 7/8"NC x 3-1/2"
	905347	4	4	LOCKWASHER, 7/8"
3	045104	2	-	CAPSCREW, 3/4"NC x 3-1/4"
	916290	-	2	CAPSCREW, 3/4"NC x 3-1/2"
	904369	2	2	LOCKWASHER, 3/4"
4	624059	1	-	BLOCK, locking, coupling pin
5	624098	1	-	PIN, locking block
	900802	2	-	PIN, cotter, 3/32" x 1"
6	627426	1	-	PIN, drawbar coupling
7	668389	-	1	PIN, drawbar coupling
8	668369	-	1	LOCK, coupling pin
9	916318	-	1	CAPSCREW, lock pivot
	915972	-	1	NUT, elastic stop, 1/2"NC

(Continued)

DRAW BAR (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
10	624064	1	1	ELBOW, oil filler, left
	624065	1	1	ELBOW, oil filler, right
11	013238	4	4	CAPSCREW, 3/4"NC x 2"
	904369	4	4	LOCKWASHER, 3/4"
12	035250	2	2	PLUG, oil filler
13	667252	2	2	GASKET, oil filler plug
14	050391	2	2	GASKET, oil filler elbow

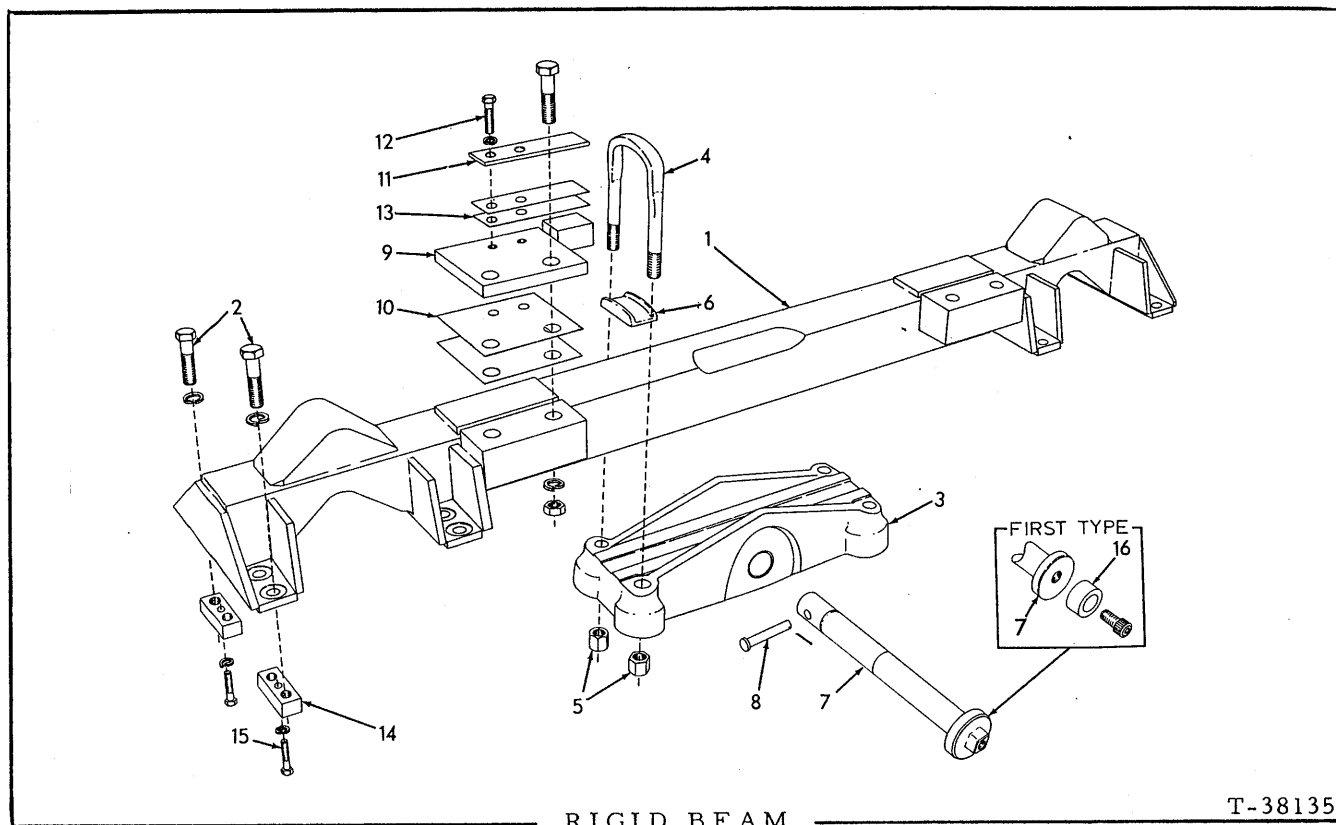


USAGE: Special equipment on Model HD6E tractors prior to serial No. 15730. Binds both track frames together rigidly, replacing standard equalizing spring.

ITEM	PART NO.	QTY.	DESCRIPTION
1	629419	1	BEAM, rigid
2	012742	16	CAPSCREW, 3/4"NF x 2-1/4"
	904369	16	LOCKWASHER, 3/4"
3	086871	1	SADDLE, rigid beam
4	085443	2	U-BOLT, beam saddle
5	070400	4	NUT, saddle U-bolt (high, 7/8"NF)
6	085444	2	SEAT, saddle U-bolt
7	-----	1	PIN, beam saddle (Original equipment. Order PIN 639982)
	639982	1	PIN, beam saddle (Service replacement)
8	087061	1	PIN, saddle pin locking
	900810	1	PIN, cotter, 3/16" x 1-1/4"
9	053408	2	STOP, rigid beam (Used prior to tractor #14484)
	620837	2	STOP, rigid beam (Effective with tractor #14484)
10	099269	4	CAPSCREW, 5/8"NC x 1-3/4"
	023633	2	WIRE, locking (1/6" x 12")
11	087147	6	SHIM, beam stop (1/32" thick. Use as req'd)
	087070	6	SHIM, beam stop (1/16" thick. Use as req'd)

RIGID BEAM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	054968	8	BLOCK, tapped, beam attaching capscrows
13	035018	8	CAPSCREW, 1/2"NF x 1-1/2"
	904208	8	LOCKWASHER, 1/2"
14	640327	1	ADAPTER, saddle pin (For units with oil clutch only) (Original equipment)
	922766	1	CAPSCREW, socket-hd., 7/8"NF x 1-1/2"



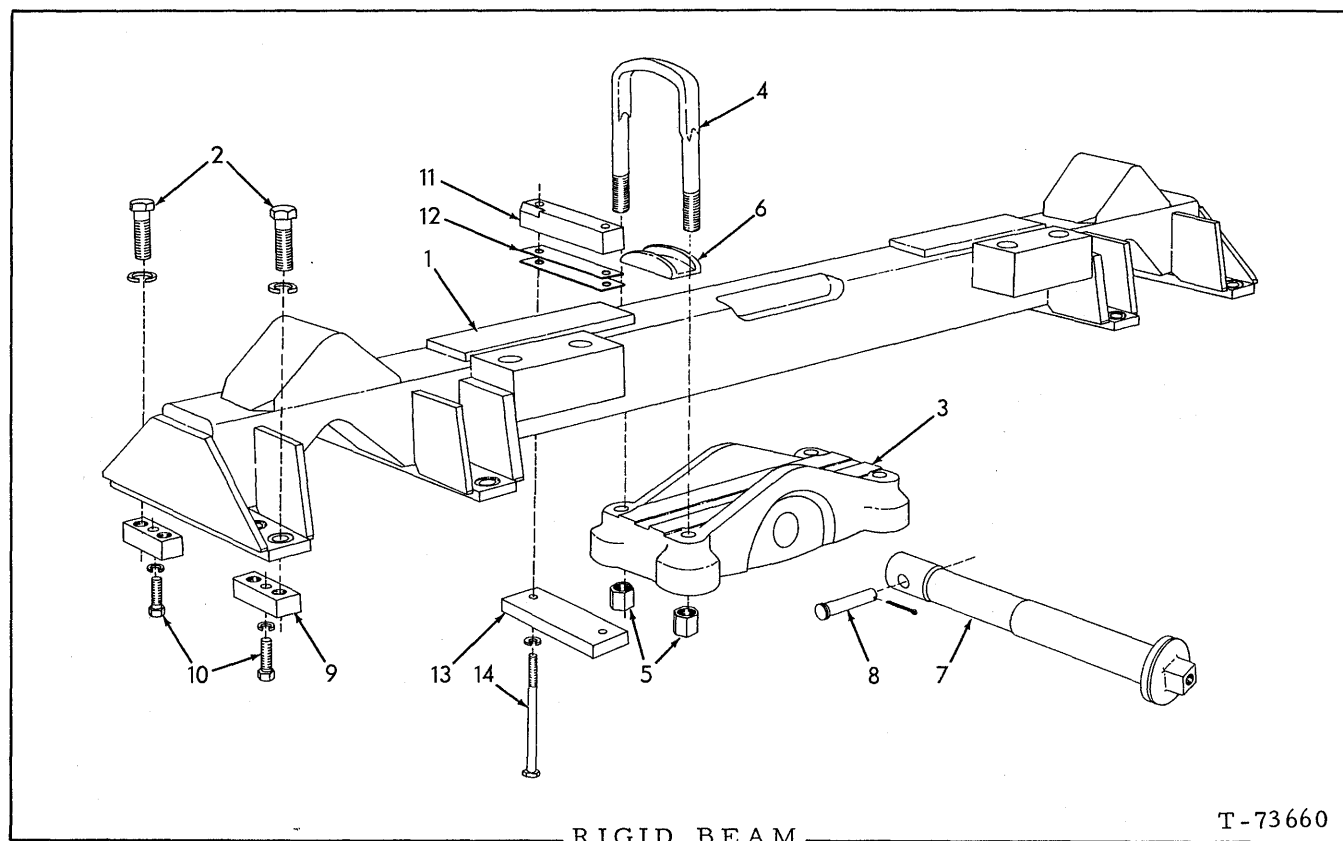
USAGE: Special equipment on Model HD6E tractors serial No. 15730 thru 20435.
 Binds both frames together rigidly, replacing standard equalizing spring.

ITEM	PART NO.	QTY.	DESCRIPTION
1	632231	1	BEAM, rigid
2	070285	16	CAPSCREW, 3/4"NF x 3"
	904369	16	LOCKWASHER, 3/4"
3	086871	1	SADDLE, rigid beam
4	085443	2	U-BOLT, beam saddle
5	070400	4	NUT, saddle U-bolt (high, 7/8"NF)
6	085444	2	SEAT, saddle U-bolt
7	-----	1	PIN, beam saddle (Used prior to tractor #16528. Order PIN 639982)
	639982	1	PIN, beam saddle (Effective with tractor #16528)
8	087061	1	PIN, saddle pin locking
	900810	1	PIN, cotter 3/16" x 1-1/4"
9	633779	1	PLATE, adapting, left side
	633780	1	PLATE, adapting, right side
	918295	4	CAPSCREW, 1"NF x 5"
	910916	4	LOCKWASHER, 1"
	911047	4	NUT, 1"NF
10	633778	4	SHIM, adapting plate

(Continued)

RIGID BEAM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	633782	2	PLATE, stop
12	070469	4	CAPSCREW, 1/2"NF x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
13	633781	6	SHIM, stop plate (Use as required)
14	631666	8	BLOCK, tapped, beam attaching capscrows
15	035067	8	CAPSCREW, 1/2"NF x 2"
	904208	8	LOCKWASHER, 1/2"
16	640327	1	ADAPTER, beam saddle pin (For units with oil clutch only)(Used prior to tractor #16528)
	922766	1	CAPSCREW, socket-hd., 7/8"NF x 1-1/2"



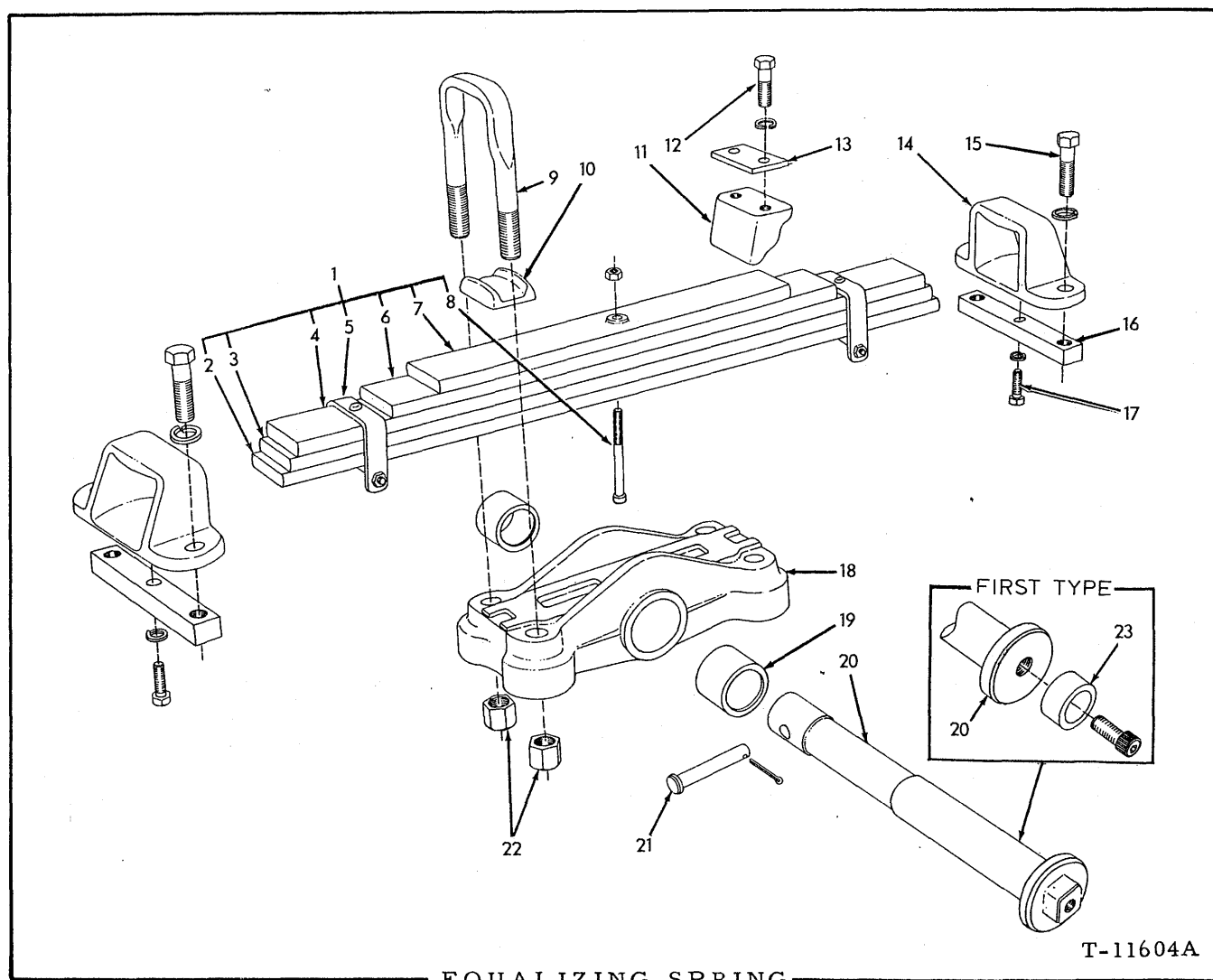
RIGID BEAM

T-73660

USAGE: Special equipment on Model HD6E, tractors serial No. 20436 and up. Binds both track frames together rigidly, replacing standard equalizing spring.

ITEM	PART NO.	QTY.	DESCRIPTION
1	645888	1	BEAM, rigid
2	070285	16	CAPSCREW, 3/4"NF x 3"
	904369	16	LOCKWASHER, 3/4"
3	086871	1	SADDLE, rigid beam
4	085443	2	U-BOLT, beam saddle
5	070400	4	NUT, saddle U-bolt, (high, 7/8"NF)
6	085444	2	SEAT, saddle U-bolt
7	639982	1	PIN, beam saddle
8	087061	1	PIN, saddle pin locking
	900810	1	PIN, cotter, 3/16" x 1-1/4"
9	631666	8	BLOCK, tapped, beam attaching capscrews
10	035067	8	CAPSCREW, 1/2"NF x 2"
	904208	8	LOCKWASHER, 1/2"
11	654731	1	BLOCK, beam stop, left side
	654732	1	BLOCK, beam stop, right side
12	087355	6	SHIM, stop block (1/32" thick. Use as required)
	087356	6	SHIM, stop block (1/16" thick. Use as required)
13	093152	2	BLOCK, clamping
14	654661	4	CAPSCREW, 1/2"NF x 6-3/4"
	904208	4	LOCKWASHER, 1/2"

MEMO



EQUALIZING SPRING

T-11604A

USAGE: Model HD6A (44" tread)

* Tractors prior to serial No. 15730

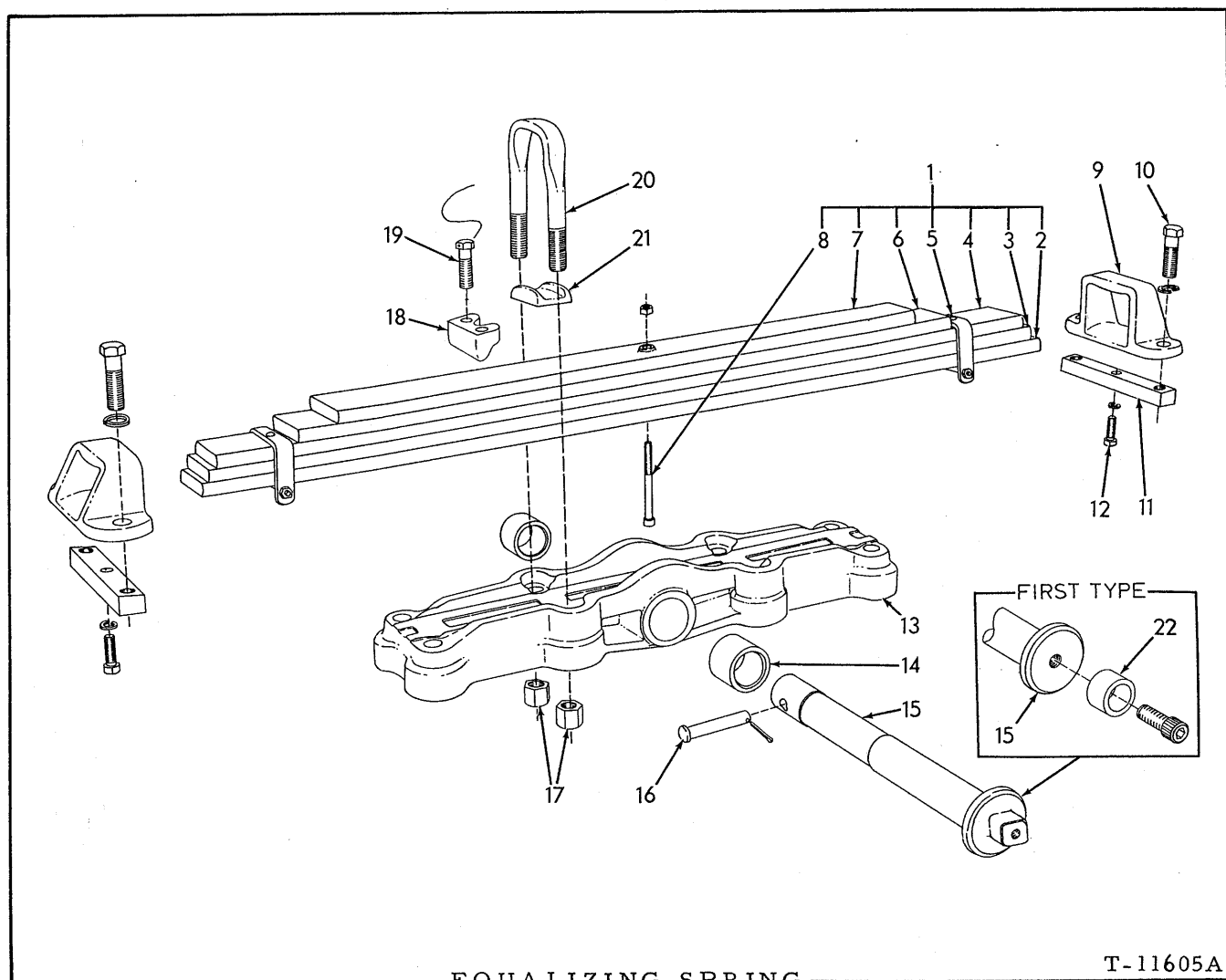
** Tractors serial No. 15730 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	095074	1	1	SPRING ASSEMBLY (Consists of items 2 thru 8)
2	087168	1	1	LEAF, main (34-1/2" long)
3	096216	1	1	LEAF, second (33-1/2" long)
4	095289	1	1	LEAF ASSEMBLY, third (32-1/2" long. Includes item 5)
5	088872	2	2	CLIP KIT, rebound (Each consists of 1 clip, 1 rivet, 1 bolt, 1 nut and 1 spacer)
6	087172	1	1	LEAF, fourth (23-1/2" long)
7	087174	1	1	LEAF, top (18-1/2" long)

(Continued)

EQUALIZING SPRING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
8	069152	1	1	BOLT, center (7/16"NF x 4-1/4". Includes NUT indented below) NUT, 7/16"NF
	911042	1	1	
9	053406	2	2	U-BOLT, spring
10	053407	2	2	SEAT, spring U-bolt
11	053408	2	2	STOP, spring
12	036707	4	-	CAPSCREW, 5/8"NC x 1-3/4"
	035440	-	4	CAPSCREW, 5/8"NC x 1-1/2"
	904209	4	4	LOCKWASHER, 5/8"
13	086732	2	-	SPACER, spring stop
14	095210	2	2	SEAT, equalizing spring
15	013465	4	-	CAPSCREW, 3/4"NF x 2-1/2"
	070285	-	4	CAPSCREW, 3/4"NF x 3"
	904369	4	4	LOCKWASHER, 3/4"
16	053332	2	-	BLOCK, tapped (tapered section)
	631831	-	2	BLOCK, tapped (straight section)
17	035018	2	-	CAPSCREW, 1/2"NF x 1-1/2"
	035067	-	2	CAPSCREW, 1/2"NF x 2"
	904208	2	2	LOCKWASHER, 1/2"
18	053484	1	-	SADDLE ASSEMBLY (Includes item 19)
	633660	-	1	SADDLE ASSEMBLY (Includes item 19)
19	050421	2	2	BUSHING, spring saddle
20	-----	1	1	PIN, pivot (Used prior to tractor #16521. Order PIN 639982)
	639982	-	1	PIN, pivot (Effective with tractor #16521)
21	087061	1	1	PIN, pivot pin locking
	900810	1	1	PIN, cotter, 3/16" x 1-1/4"
22	070400	4	4	NUT, spring U-bolt (high, 7/8"NF)
23	640327	1	1	ADAPTER, pivot pin (For units with oil clutch only)(Used prior to tractor #16521)
	922766	1	1	CAPSCREW, socket-hd., 7/8"NF x 1-1/2"



USAGE: Models HD6B, E, AG (60" tread)

* Tractors prior to serial No. 15730

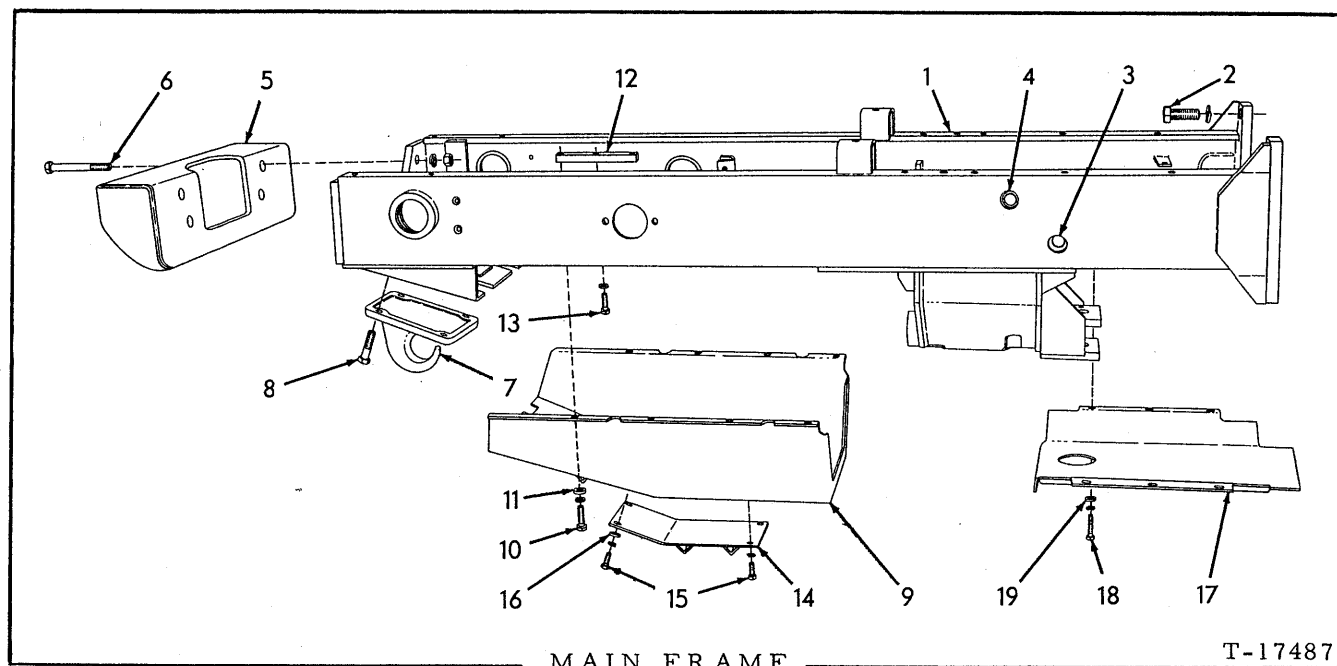
** Tractors serial No. 15730 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	095097	1	1	SPRING ASSEMBLY (Consists of items 2 thru 8)
2	087169	1	1	LEAF, main (50-7/8" long)
3	096215	1	1	LEAF, second (49-7/8" long)
4	095290	1	1	LEAF ASSEMBLY, third (48-7/8" long. Includes item 5)
5	088872	2	2	CLIP KIT, rebound (Each consists of 1 clip, 1 rivet, 1 bolt, 1 nut and 1 spacer)
6	087173	1	1	LEAF, fourth (39-1/2" long)
7	087175	1	1	LEAF, top (35-1/2" long)
8	069152	1	1	BOLT, center (7/16"NF x 4-1/4". Includes NUT indented below)
	911042	1	1	NUT, 7/16"NF

(Continued)

EQUALIZING SPRING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
9	095210	2	2	SEAT, equalizing spring
10	{ 013465	4	-	CAPSCREW, 3/4"NF x 2-1/2"
	070285	-	4	CAPSCREW, 3/4"NF x 3"
	904369	4	4	LOCKWASHER, 3/4"
11	{ 053332	2	-	BLOCK, tapped (tapered section)(Not used on units with special 39-link track)
	054968	4	-	BLOCK, tapped (tapered section)(Used on units with special 39-link track only)
	631831	-	2	BLOCK, tapped (straight section)(Not used on units with special 39-link track)
	631666	-	4	BLOCK, tapped (straight section)(Used on units with special 39-link track only)
12	{ 035018	2	-	CAPSCREW, 1/2"NF x 1-1/2" (Additional 2 required with BLOCK 054968)
	035067	-	2	CAPSCREW, 1/2"NF x 2" (Additional 2 required with BLOCK 631666)
	904208	2	2	LOCKWASHER, 1/2" (Additional 2 required with BLOCKS 054968 and 631666)
13	{ 088599	1	-	SADDLE ASSEMBLY (Includes item 14)
	631315	-	1	SADDLE ASSEMBLY (Includes item 14)
14	050421	2	2	BUSHING, spring saddle
15	{ -----	1	1	PIN, pivot (Used prior to tractor #16528. Order PIN 639982)
	639982	-	1	PIN, pivot (Effective with tractor #16528)
16	087061	1	1	PIN, pivot pin locking
	900810	1	1	PIN, cotter, 3/16" x 1-1/4"
17	070400	8	8	NUT, saddle U-bolt (high, 7/8"NF)
18	053408	2	-	STOP, spring (Not used on Model HD6E starting with tractor #14484)
19	035440	4	-	CAPSCREW, 5/8"NC x 1-1/2"
	904209	4	-	LOCKWASHER, 5/8"
18	620837	2	-	STOP, spring (Used only on Model HD6E starting with tractor #14484)
19	099269	4	-	CAPSCREW, drilled-hd., 5/8"NC x 1-3/4"
	023633	2	-	WIRE, locking (1/16" x 12")
20	053406	4	4	U-BOLT, saddle
21	053407	4	4	SEAT, saddle U-bolt
22	640327	1	1	ADAPTER, pivot pin (For units with oil clutch only)(Used prior to tractor #16528)
	922766	1	1	CAPSCREW, socket-hd., 7/8"NF x 1-1/2"

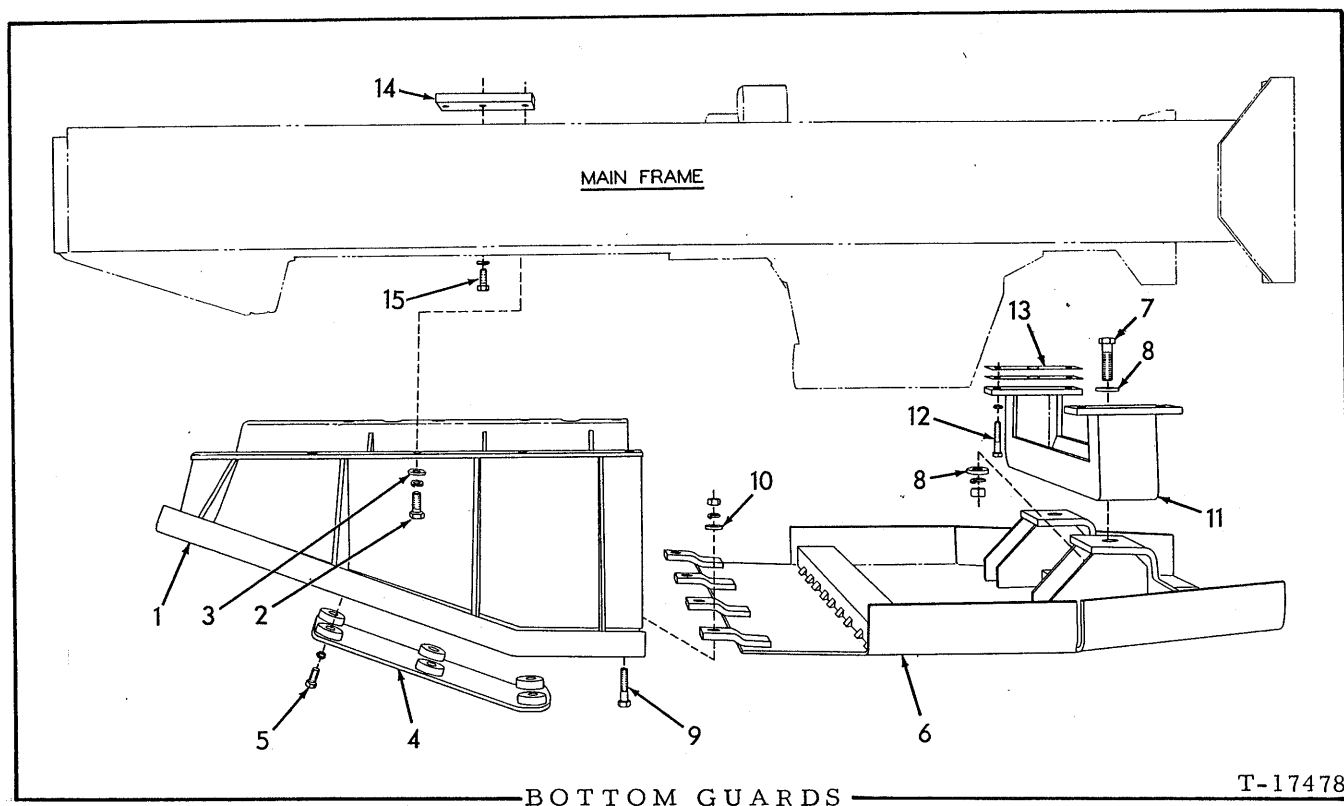


ITEM	PART NO.	QTY.	DESCRIPTION
1	648224	1	FRAME ASSEMBLY (Includes items 3 and 4)(Models HD6A, B, AG; also Models HD6E tractors prior to #14484)
	648337	1	FRAME (Model HD6E tractors #14484 and up)
2	086755	6	CAPSCREW, 1"NC x 2-3/4"
	910916	6	LOCKWASHER, 1"
3	-----	2	SHAFT, brake pedal (See BRAKES)
4	-----	1	SHAFT, clutch lever (See ENGINE CLUTCH CONTROL)
5	643764	1	BUMPER, front
6	067559	4	CAPSCREW, 3/4"NF x 6-1/4"
	904369	4	LOCKWASHER, 3/4"
	911045	4	NUT, 3/4"NF
<u>NOTE:</u> Items listed below are special equipment			
7	050543	1	HOOK, front pull
8	012742	4	CAPSCREW, 3/4"NF x 2-1/4"
	012767	4	NUT, high, 3/4"NF
9	091811	1	GUARD ASSEMBLY, engine crankcase (Includes items 14, 15 and 16) (Medium-duty. For units with dry clutch)
	639981	1	GUARD ASSEMBLY, engine crankcase (Includes items 14, 15 and 16) (Heavy-duty. For units with oil clutch)
10	916420	8	CAPSCREW, 1/2"NF x 2-1/4"
	904208	8	LOCKWASHER, 1/2"
11	064531	8	WASHER, plain
12	088593	4	BLOCK, tapped, guard attaching
13	916028	4	CAPSCREW, 1/2"NF x 1-3/4"
	904208	4	LOCKWASHER, 1/2"

(Continued)

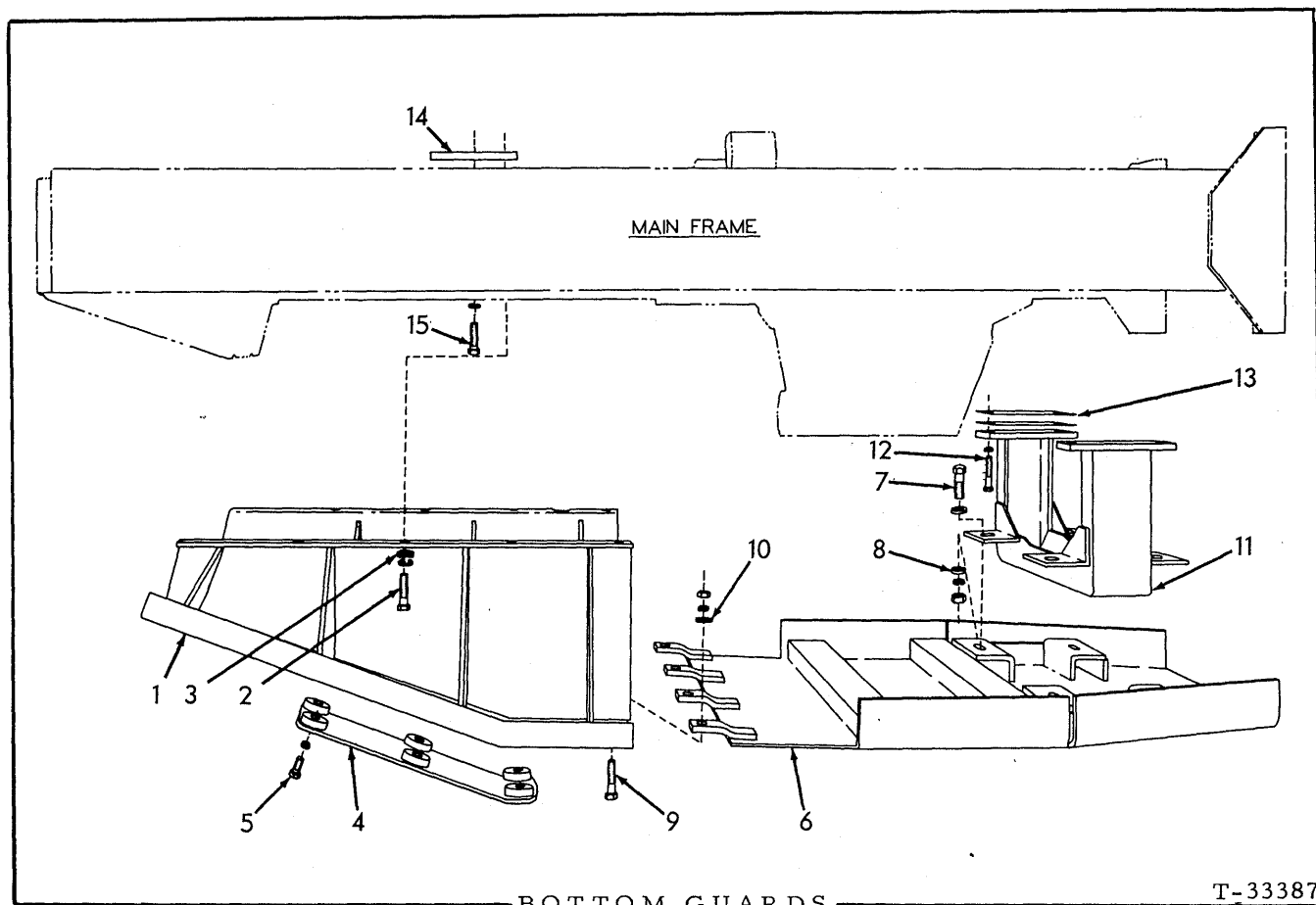
MAIN FRAME (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	091812	1	PLATE, access, engine crankcase
15	914875	4	CAPSCREW, 1/2"NF x 1"
	904208	4	LOCKWASHER, 1/2"
16	064531	2	WASHER, plain
17	086599	1	PLATE, closure
18	913105	6	CAPSCREW, 1/2"NF x 1-1/2"
	904208	6	LOCKWASHER, 1/2"
19	064531	6	WASHER, plain



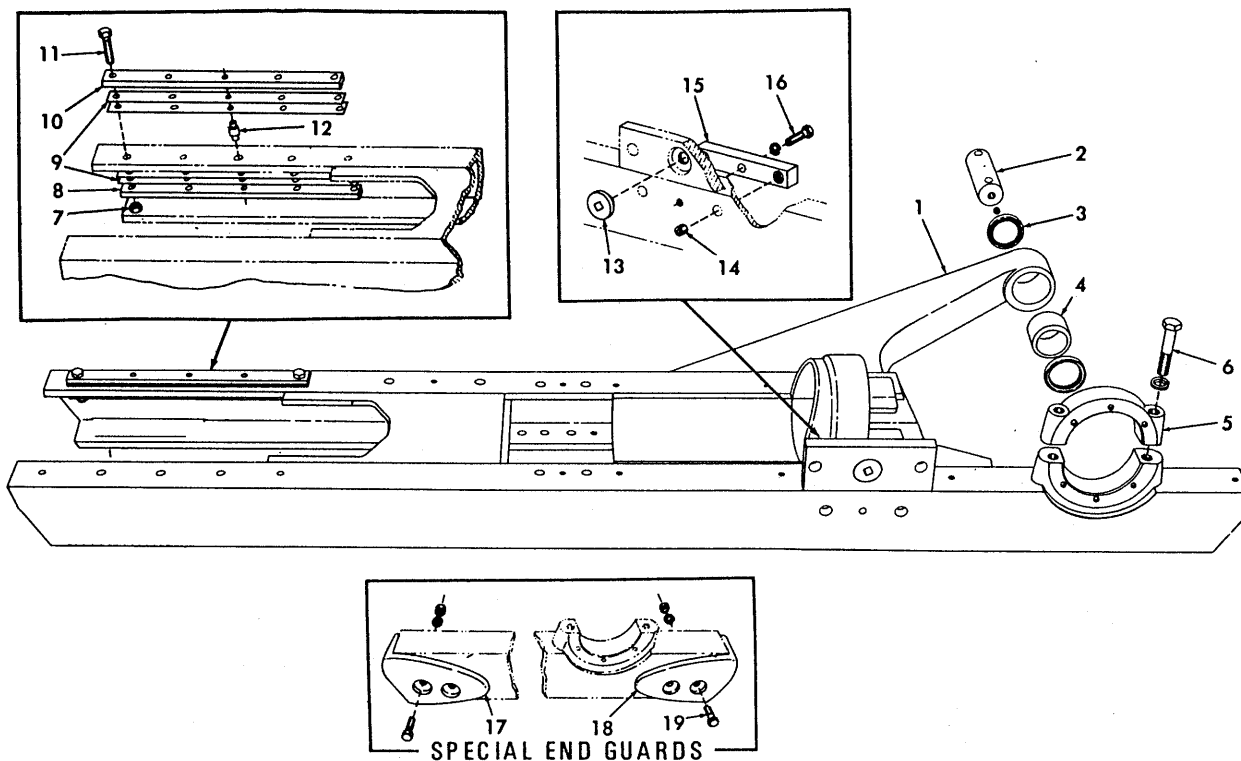
USAGE: Special equipment for Model HD6B, E tractors prior to serial No. 15021. Cannot be used with track shoes over 18" wide.

ITEM	PART NO.	QTY.	DESCRIPTION
1	091843	1	GUARD ASSEMBLY, engine crankcase (Includes items 4 and 5)
2	035068	8	CAPSCREW, 1/2"NF x 2-1/4"
3	064531	8	WASHER, plain
	904208	8	LOCKWASHER, 1/2"
4	091841	1	PLATE, access, engine crankcase
5	035220	6	CAPSCREW, 1/2"NC x 1-1/8"
	904208	6	LOCKWASHER, 1/2"
6	-----	1	GUARD, bottom (Order items 6, 7, 8 and 11 as listed on page 237)
7	012984	2	CAPSCREW, 3/4"NF x 2-3/4"
8	061689	4	WASHER, plain
	904369	2	LOCKWASHER, 3/4"
	911045	2	NUT, 3/4"NF
9	035067	4	CAPSCREW, 1/2"NF x 2"
10	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2"NF
11	-----	1	CHANNEL, supporting, bottom guard (Order items 6, 7, 8 and 11 as listed on page 207)
12	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"
13	628625	6	SHIM, channel spacing (Use as req'd)
14	088593	4	BLOCK, tapped, guard attaching
15	035073	4	CAPSCREW, 1/2"NF x 1-3/4"
	904208	4	LOCKWASHER, 1/2"



USAGE: Special equipment for Model HD6B, E tractors serial No. 15021 and up. Cannot be used with track shoes over 18" wide.

ITEM	PART NO.	QTY.	DESCRIPTION
1	091843	1	GUARD ASSEMBLY, engine crankcase (Includes items 4 and 5)
2	035068	8	CAPSCREW, 1/2"NF x 2-1/4"
3	064531	8	WASHER, plain
	904208	8	LOCKWASHER, 1/2"
4	091841	1	PLATE, access, engine crankcase
5	035220	6	CAPSCREW, 1/2"NC x 1-1/8"
	904208	6	LOCKWASHER, 1/2"
6	628627	1	GUARD, bottom
7	023618	4	CAPSCREW, 5/8"NF x 2-1/2"
8	064810	8	WASHER, plain
	904209	4	LOCKWASHER, 5/8"
	911044	4	NUT, 5/8"NF
9	035067	4	CAPSCREW, 1/2"NF x 2"
10	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911043	4	NUT, 1/2"NF
11	628626	1	CHANNEL, supporting, bottom guard
12	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"
13	628625	6	SHIM, channel spacing (Use as req'd)
14	088593	4	BLOCK, tapped, guard attaching
15	035073	4	CAPSCREW, 1/2"NF x 1-3/4"
	904208	4	LOCKWASHER, 1/2"



TRACK FRAME (First type)

T-17489

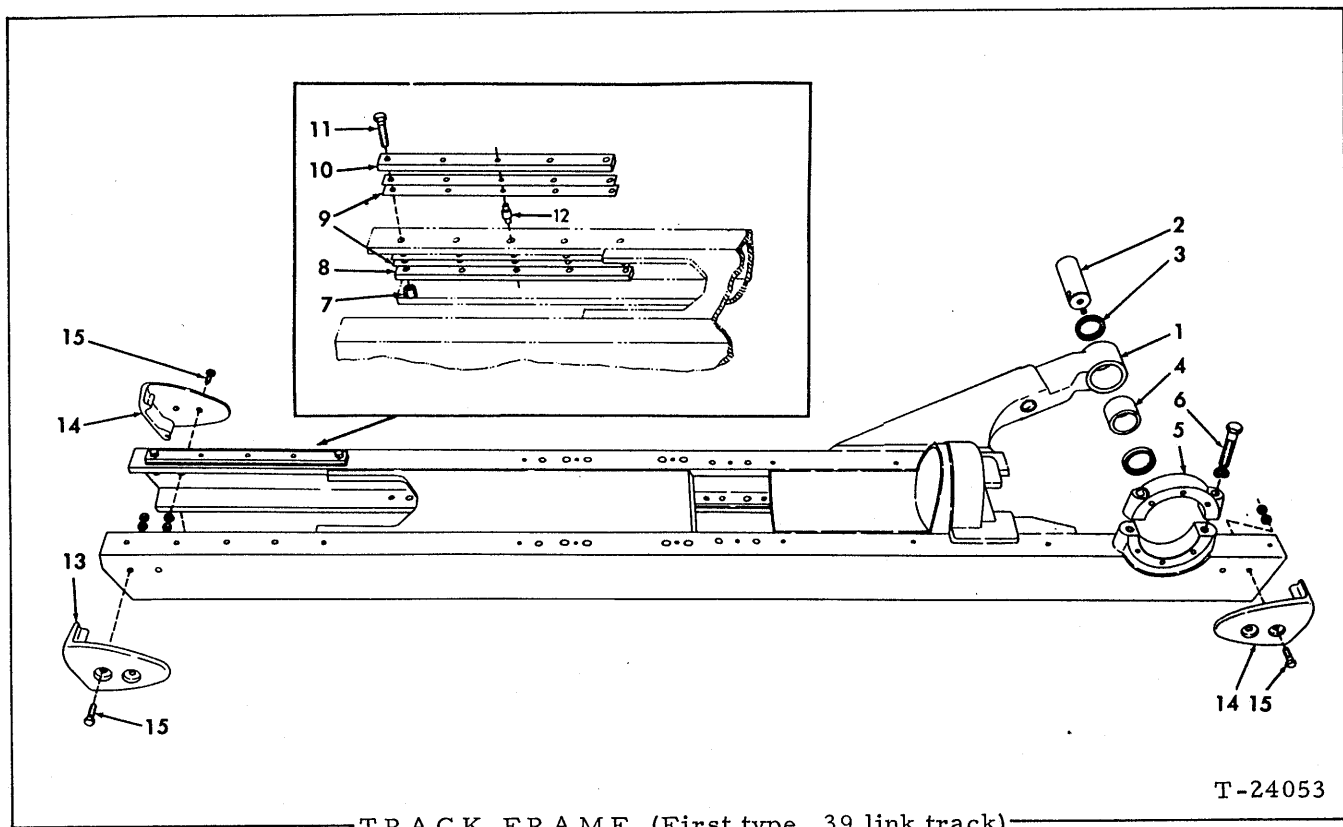
TRACK FRAME

USAGE: Tractors prior to serial No. 15730

* Standard HD6A, B (34-link track)

** Standard HD6E; optional on HD6B (37-link track)

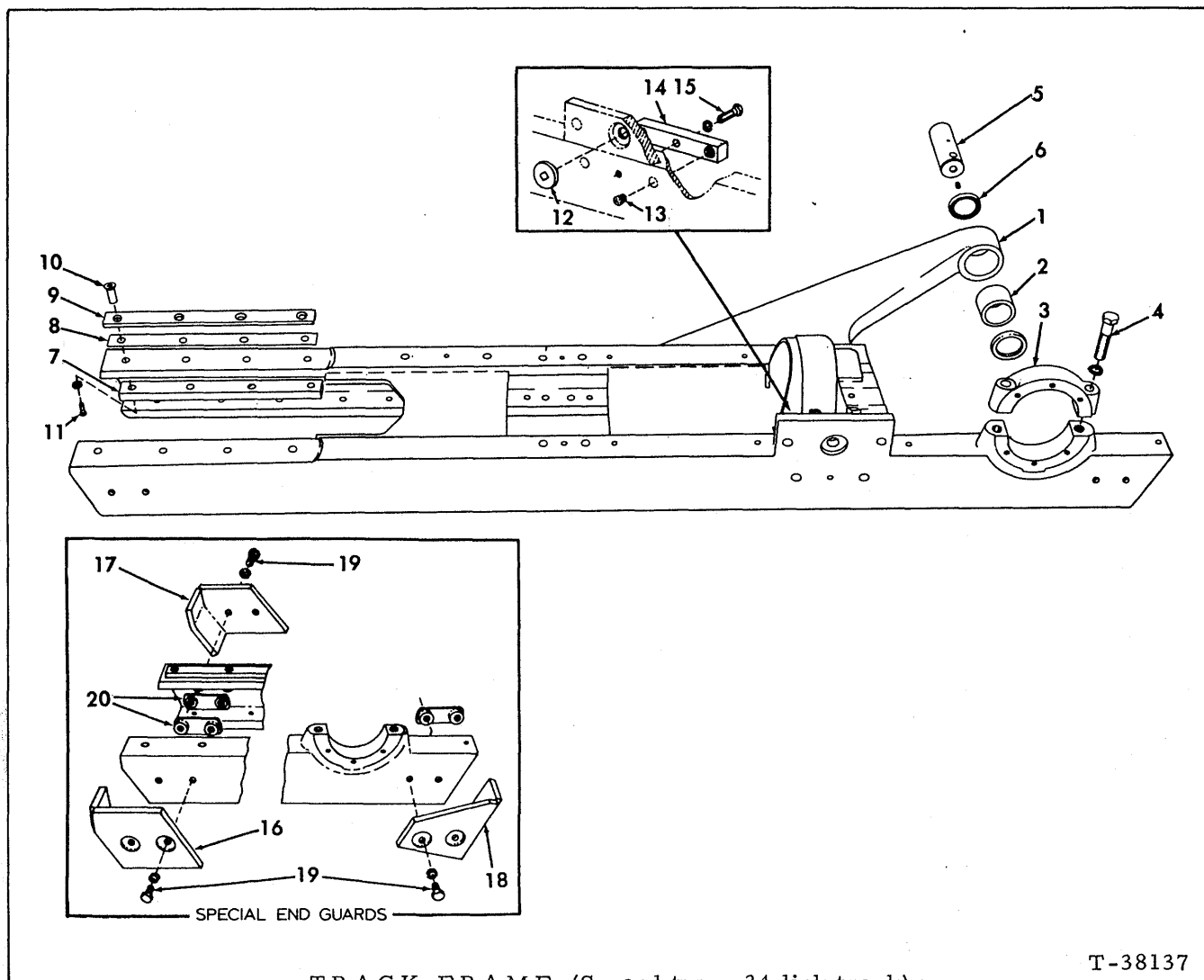
		QTY.		DESCRIPTION	
ITEM	PART NO.	*	**		
1	090697	1	-	FRAME ASSEMBLY, left	Includes items 4 thru 6
	090698	1	-	FRAME ASSEMBLY, right	
	087983	-	1	FRAME ASSEMBLY, left	
	087984	-	1	FRAME ASSEMBLY, right	
2	049884	2	2	SHAFT, pivot	
	907070	2	2	PLUG, pipe, ctsk-hd., 1/4"NPT	
3	628274	4	4	SEAL, pivot shaft	
4	053315	2	2	BUSHING, pivot shaft	
5	086633	2	2	CAP, sprocket shaft bearing	
6	071943	4	4	CAPSCREW, 3/4"NF x 3-3/4"	
	904369	4	4	LOCKWASHER, 3/4"	
7	038234	8	8	NUT, slide bar capscrew (high, 1/2"NF)	
8	630875	4	4	BAR, slide, track idler, lower	
9	053322	32	32	SHIM, adjusting, slide bar (1/32" thick. Use as required)	
10	629291	4	4	BAR, slide, track idler, upper	
11	035892	8	8	CAPSCREW, slide bar (1/2"NF x 2-1/2")	
12	054824	12	12	PIN, dowel, track idler slide bar	
13	086859	2	2	PLUG, protecting (Remove when mounting dozer equipment)	
14	049667	4	4	PLUG, thread protecting	
15	086458	-	4	BLOCK, tapped	Used for mounting dozer equipment
	090656	2	-	BLOCK, tapped	
16	035067	2	4	CAPSCREW, 1/2"NF x 2"	
	904208	2	4	LOCKWASHER, 1/2"	
<u>NOTE:</u> Items listed below are special equipment					
17	083051	3	3	GUARD, end, left hand	
18	083052	3	3	GUARD, end, right hand	
19	035018	12	12	CAPSCREW, end guard attaching (1/2"NF x 1-1/2")	
	904208	12	12	LOCKWASHER, 1/2"	
	911043	12	12	NUT, 1/2"NF	



TRACK FRAME

USAGE: Model HD6B, E tractors prior to serial No. 15730 when equipped with special 39-link track

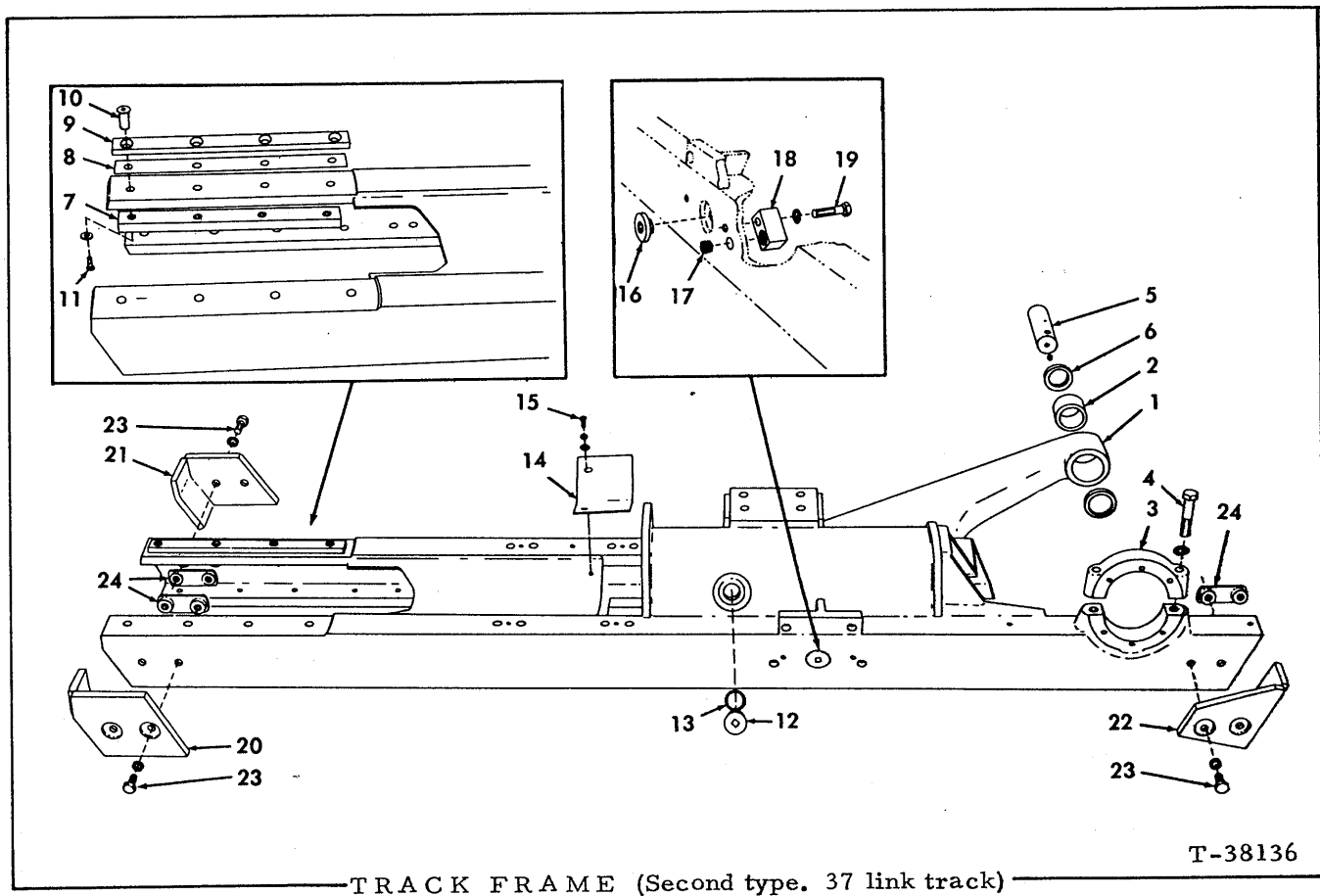
ITEM	PART NO.	QTY.	DESCRIPTION	
1	{ 630957	1	FRAME ASSEMBLY, left side	Includes items 4 thru 6
	{ 630958	1	FRAME ASSEMBLY, right side	
2	049884	2	SHAFT, pivot	
	907070	2	PLUG, pipe, ctsk-hd., 1/4"NPT	
3	628274	4	SEAL, pivot shaft	
4	053315	2	BUSHING, pivot shaft	
5	086633	2	CAP, sprocket shaft bearing	
6	071943	4	CAPSCREW, 3/4"NF x 3-3/4"	
	904369	4	LOCKWASHER, 3/4"	
7	038234	8	NUT, slide bar capscREW (high, 1/2"NF)	
8	630875	4	BAR, slide, track idler, lower	
9	053322	32	SHIM, adjusting, slide bar (Use as required)	
10	629291	4	BAR, slide, track idler, upper	
11	035892	8	CAPSCREW, slide bar (1/2"NF x 2-1/2")	
12	054824	12	PIN, dowel, track idler slide bar	
13	083051	3	GUARD, end, left hand	
14	083052	3	GUARD, end, right hand	
15	035018	12	CAPSCREW, end guard attaching (1/2"NF x 1-1/2")	
	904208	12	LOCKWASHER, 1/2"	
	911043	12	NUT, 1/2"NF	



TRACK FRAME (Second type. 34-link track)

USAGE: Model HD6A, B, AG tractors serial No. 15730 and up with standard 34-link track.

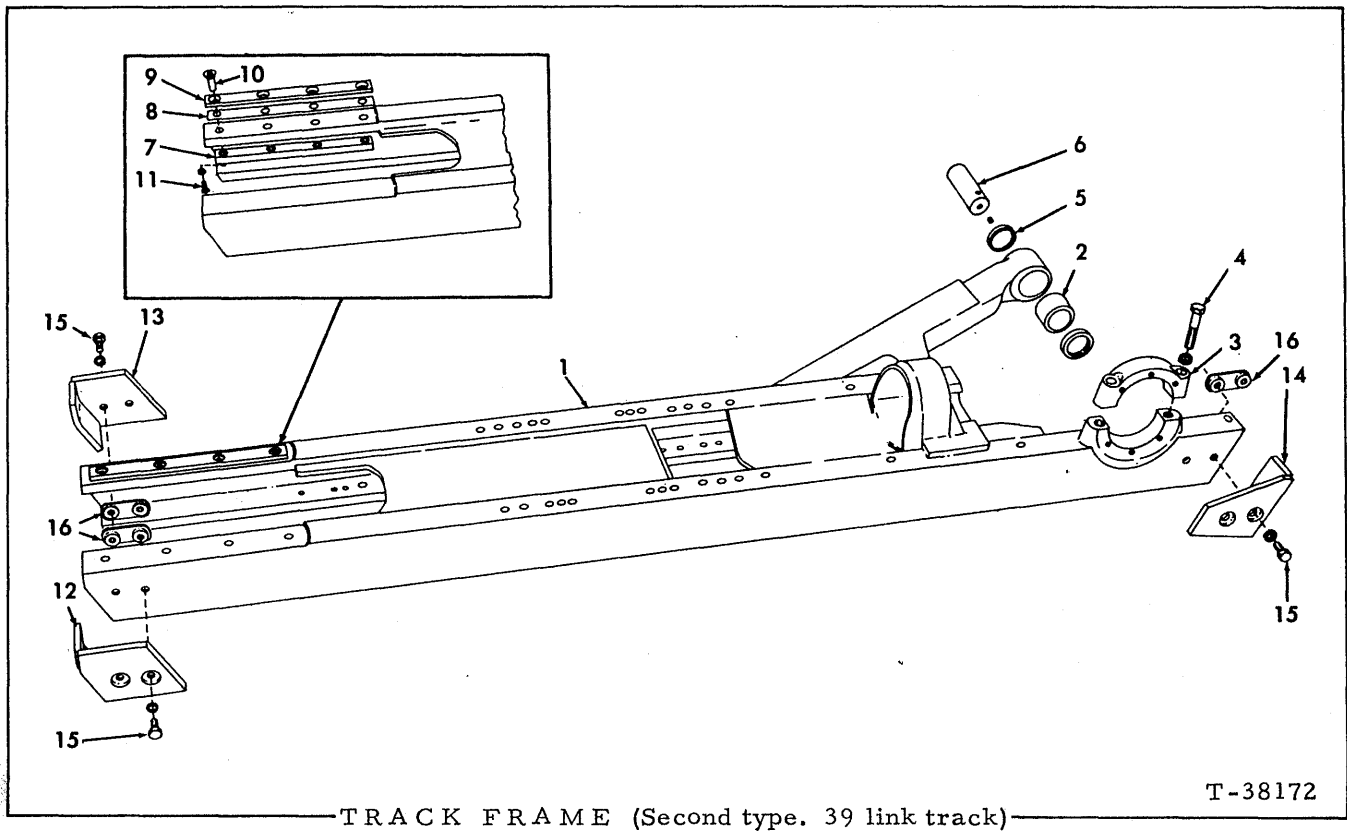
ITEM	PART NO.	QTY.	DESCRIPTION
1	632931	1	FRAME ASSEMBLY, left (Includes items 2 thru 4)
	632932	1	FRAME ASSEMBLY, right (Includes items 2 thru 4)
2	053315	2	BUSHING, pivot shaft
3	086633	2	CAP, sprocket shaft bearing
4	071943	4	CAPSCREW, 3/4"NF x 3-3/4"
	904369	4	LOCKWASHER, 3/4"
5	049884	2	SHAFT, pivot
	907070	2	PLUG, pipe, ctsk-hd. 1/4"NPT
6	628274	4	SEAL, pivot shaft
7	631755	4	BAR, slide, track idler, lower
8	637640	4	SHIM, slide bar (.014" thick. Use as required)
	632692	4	SHIM, slide bar (.028" thick. Use as required)
9	630717	4	BAR, slide, track idler, upper
10	631687	16	DOWEL, tapped, track idler slide bar
11	646045	16	CAPSCREW, Nylok, 3/8"NF x 1"
	647080	16	WASHER, plain (hardened)
12	086859	2	PLUG, protecting (Special.. Not used when mounting dozer equipment)
13	666335	4	CORK, thread protecting
14	090656	2	BLOCK, tapped (Used for mounting dozer equipment)
15	035067	2	CAPSCREW, 1/2"NF x 2"
	904208	2	LOCKWASHER, 1/2"
<u>NOTE:</u> Items listed below are Special Equipment			
16	656591	2	GUARD, front end, left side
17	656592	2	GUARD, front end, right side
18	656621	1	GUARD, rear end, left side (shown)
	656622	1	GUARD, rear end, right side (opposite)
19	070467	12	CAPSCREW, end guard attaching (1/2"NF x 1")
	904208	12	LOCKWASHER, 1/2"
20	631734	6	PLATE, nut, end guard cap screws



TRACK FRAME

USAGE: Model HD6E tractors serial No. 15730 and up. Also used on Model HD6A, B tractors when equipped with special 37-link track

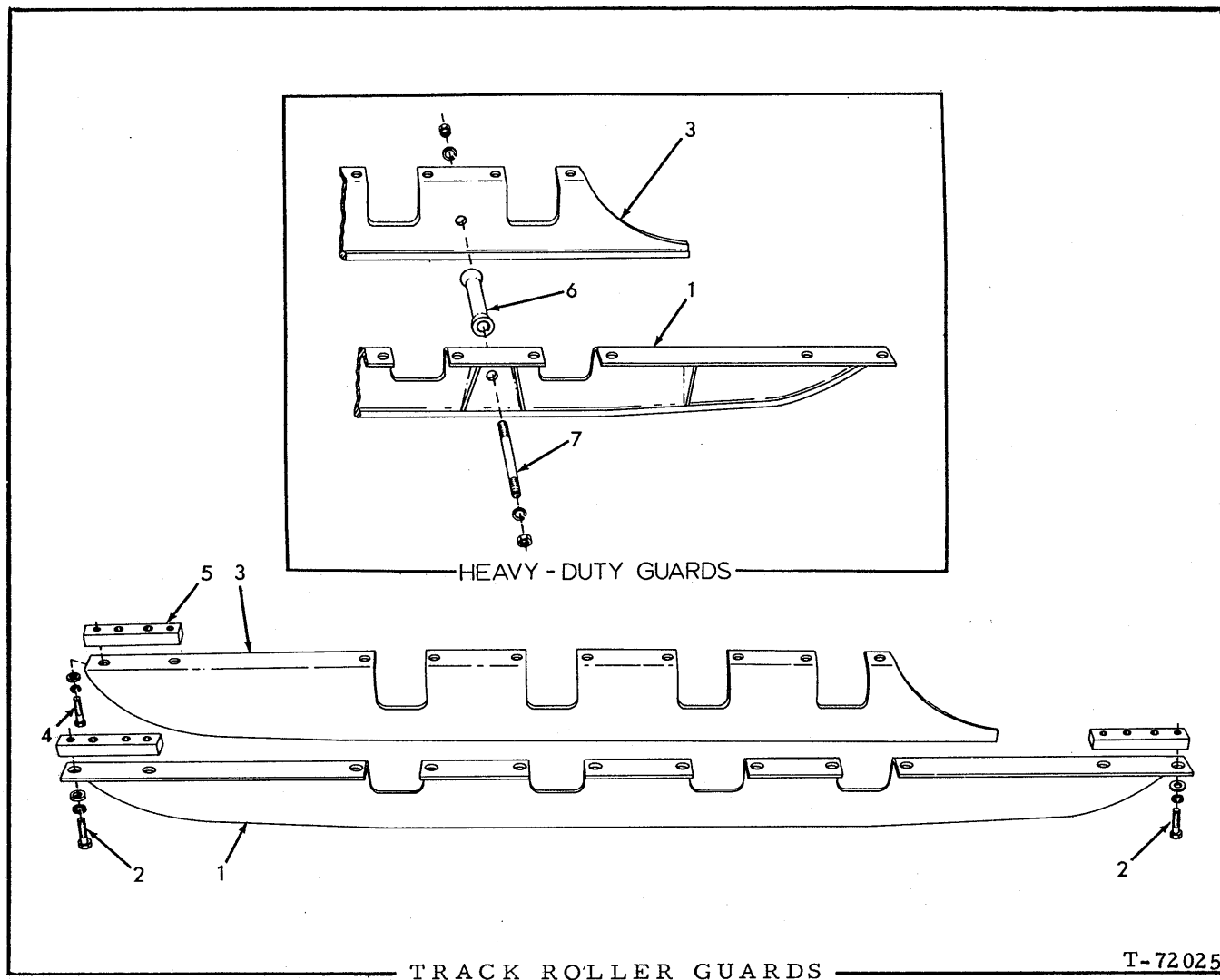
ITEM	PART NO.	QTY.	DESCRIPTION
1	631725	1	FRAME ASSEMBLY, left (Includes items 2 thru 4)
	631726	1	FRAME ASSEMBLY, right (Includes items 2 thru 4)
2	053315	2	BUSHING, pivot shaft
3	086633	2	CAP, sprocket shaft bearing
4	071943	4	CAPSCREW, 3/4"NF x 3-3/4"
	904369	4	LOCKWASHER, 3/4"
5	049884	2	SHAFT, pivot
	907070	2	PLUG, pipe, ctsk-hd., 1/4"NPT
6	628274	4	SEAL, pivot shaft
7	631755	4	BAR, slide, track idler, lower
8	637640	4	SHIM, slide bar (.014" thick. Use as required)
	632692	4	SHIM, slide bar (.028" thick. Use as required)
9	630717	4	BAR, slide, track idler, upper
10	631687	16	DOWEL, tapped, track idler slide bar
11	646045	16	CAPSCREW, Nylok, 3/8"NF x 1"
	647080	16	WASHER, plain (hardened)
12	035250	2	PLUG, oil filler, release spring compartment
13	035249	2	GASKET, oil filler plug
14	631727	2	PLATE, dirt closure
15	035167	4	CAPSCREW, 3/8"NF x 7/8"
	904206	4	LOCKWASHER, 3/8"
	044973	4	WASHER, plain
16	086859	2	PLUG, protecting (Special. Not used when mounting dozer equipment)
17	666335	4	CORK, thread protecting
18	086458	4	BLOCK, tapped (Used for mounting dozer equipment)
19	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"
<u>NOTE:</u> Items listed below are Special Equipment			
20	656591	2	GUARD, front end, left side
21	656592	2	GUARD, front end, right side
22	656621	1	GUARD, rear end, left side (shown)
	656622	1	GUARD, rear end, right side (opposite)
23	070467	12	CAPSCREW, end guard attaching (1/2"NF x 1")
	904208	12	LOCKWASHER, 1/2"
24	631734	6	PLATE, nut, end guard capscrows



TRACK FRAME

USAGE: Model HD6B, E tractors serial No. 15730 and up when equipped with special 39-link track.

ITEM	PART NO.	QTY.	DESCRIPTION	
1	{ 634177	1	FRAME ASSEMBLY, left side	} Each includes items 2 thru 4
	634178	1	FRAME ASSEMBLY, right side	
2	053315	2	BUSHING, pivot shaft	
3	086633	2	CAP, sprocket shaft bearing	
4	071943	4	CAPSCREW, 3/4"NF x 3-3/4"	
	904369	4	LOCKWASHER, 3/4"	
5	628274	4	SEAL, pivot shaft	
6	049884	2	SHAFT, pivot	
	907070	2	PLUG, pipe, ctsk., 1/4"NPT	
7	631755	4	BAR, slide, track idler, lower	
8	{ 637640	4	SHIM, adjusting, slide bar (.014" thick. Use as required)	
	632692	4	SHIM, adjusting, slide bar (.028" thick. Use as required)	
9	630717	4	BAR, slide, track idler, upper	
10	631687	16	DOWEL, tapped, slide bar retaining	
11	646045	16	CAPSCREW, Nylok, 3/8"NF x 1"	
	647080	16	WASHER, plain (hardened)	
12	656591	2	GUARD, front end, left side	
13	656592	2	GUARD, front end, right side	
14	{ 656621	1	GUARD, rear end, left side (shown)	
	656622	1	GUARD, rear end, right side (opposit)	
15	070467	12	CAPSCREW, end guard attaching (1/2"NF x 1")	
	904208	12	LOCKWASHER, 1/2"	
16	631734	6	PLATE, nut, end guard capscREW	



USAGE: Special equipment. Tractors prior to serial No. 15730

* Medium-duty
 ** Heavy-duty
 Δ Medium-duty
 ΔΔ Heavy-duty

34-link track

37-link track

ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	Δ	ΔΔ	
1	090701	1	-	-	-	GUARD, outer, left side
	090702	1	-	-	-	GUARD, outer, right side
	099779	-	1	-	-	GUARD, outer, left side
	099780	-	1	-	-	GUARD, outer, right side
	054901	-	-	2	-	GUARD, outer
	099793	-	-	-	2	GUARD, outer
2	035068	24	24	28	28	CAPSCREW, 1/2"NF x 2-1/4"
	904208	24	24	28	28	LOCKWASHER, 1/2"
	064531	24	24	28	28	WASHER, plain

(Continued)

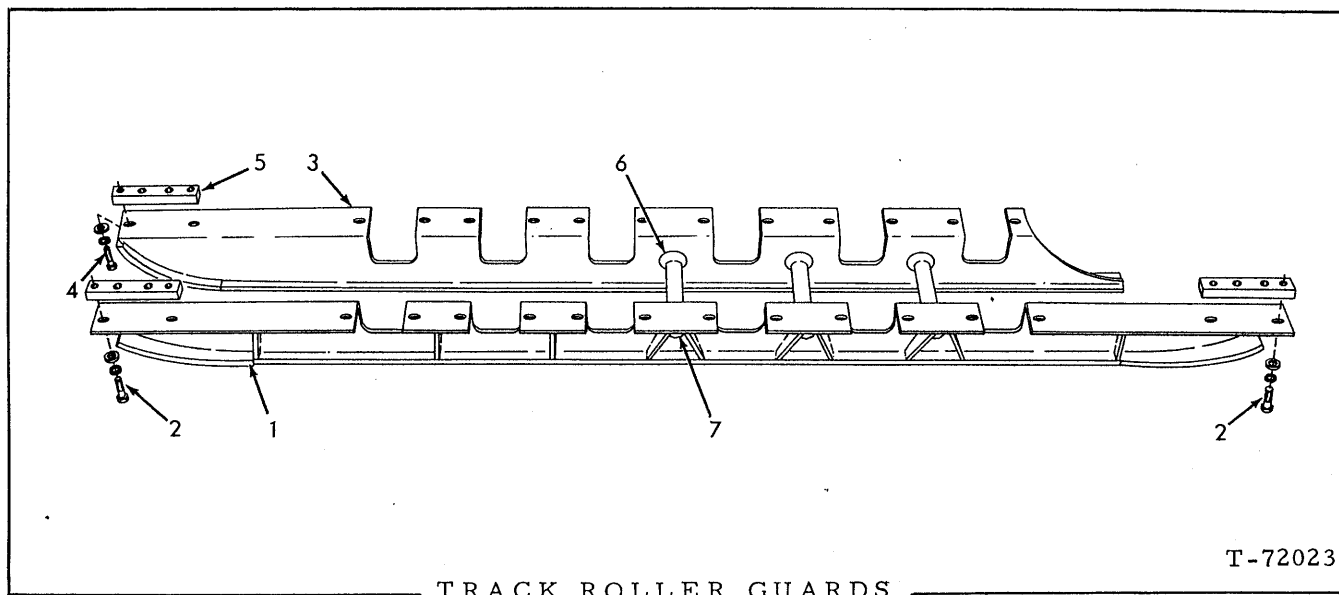
TRACK ROLLER GUARDS (Continued)

ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	△	△△	
3	090705	1	-	-	-	GUARD, inner, left side
	090706	1	-	-	-	GUARD, inner, right side
	099783	-	1	-	-	GUARD, inner, left side
	099784	-	1	-	-	GUARD, inner, right side
	054971	-	-	1	-	GUARD, inner, left side
	054972	-	-	1	-	GUARD, inner, right side
	099791	-	-	-	1	GUARD, inner, left side
	099792	-	-	-	1	GUARD, inner, right side
4	035068	20	20	24	24	CAPSCREW, 1/2"NF x 2-1/4"
	904208	20	20	24	24	LOCKWASHER, 1/2"
	064531	20	20	24	24	WASHER, plain
5	053305	6	6	6	6	BLOCK, tapped, guard attachment
6	083043	-	6	-	8	SPACER, guard bracing
7	-----	-	6	-	8	CAPSCREW, guard bracing (Discontinued)
	905347	-	6	-	8	LOCKWASHER, 7/8"
	070400	-	6	-	8	NUT, high, 7/8"NF
	650461	-	6	-	8	ROD, guard bracing
	905347	-	12	-	16	LOCKWASHER, 7/8"
	911046	-	12	-	16	NUT, 7/8"NF

} Original equipment

} Service replacement

MEMO



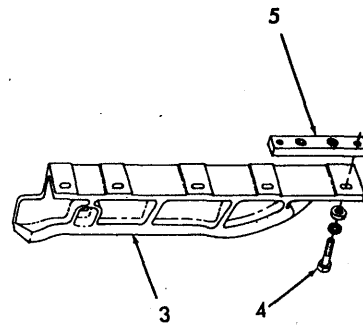
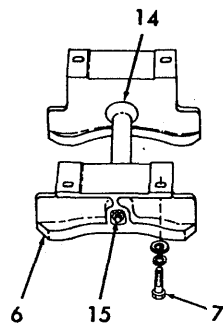
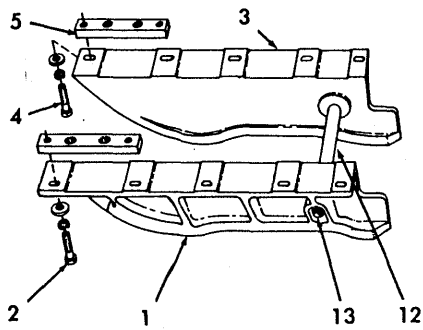
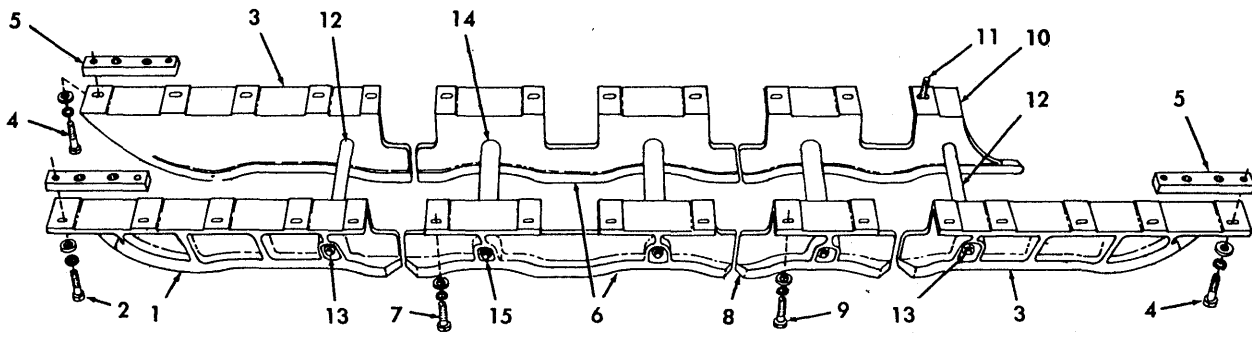
TRACK ROLLER GUARDS

T-72023

USAGE: Special equipment. Model HD6B, E tractors prior to serial No. 15730 when equipped with 39-link track

ITEM	PART NO.	QTY.	DESCRIPTION	
1	098881	1	GUARD, outer left, side	
	098882	1	GUARD, outer, right side	
2	035068	20	CAPSCREW, 1/2"NF x 2-1/4"	
	035278	12	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	32	LOCKWASHER, 1/2"	
	064531	32	WASHER, plain	
3	098889	1	GUARD, inner, left side	
	098890	1	GUARD, inner, right side	
4	035068	16	CAPSCREW, 1/2"NF x 2-1/4"	
	035278	12	CAPSCREW, 1/2"NF X 2-3/4"	
	904208	28	LOCKWASHER, 1/2"	
	064531	28	WASHER, plain	
5	053305	6	BLOCK, tapped, guard attachment	
6	083043	6	SPACER, guard bracing	
7	-----	6	CAPSCREW, guard bracing (Discontinued)	} Original Equipment
	905347	6	LOCKWASHER, 7/8"	
	070400	6	NUT, high, 7/8"NF	
	650461	6	ROD, guard bracing	} Service Replacement
	905347	12	LOCKWASHER, 7/8"	
	911046	12	NUT, 7/8"NF	

FULL GUARDING



PARTIAL GUARDING

T-7090

— TRACK ROLLER GUARDS (Second type. 34 link track) —

TRACK ROLLER GUARDS

USAGE: Special equipment. Model HD6A, B, AG tractors serial No. 15730 and up with standard 34-link track. Used prior to September, 1966

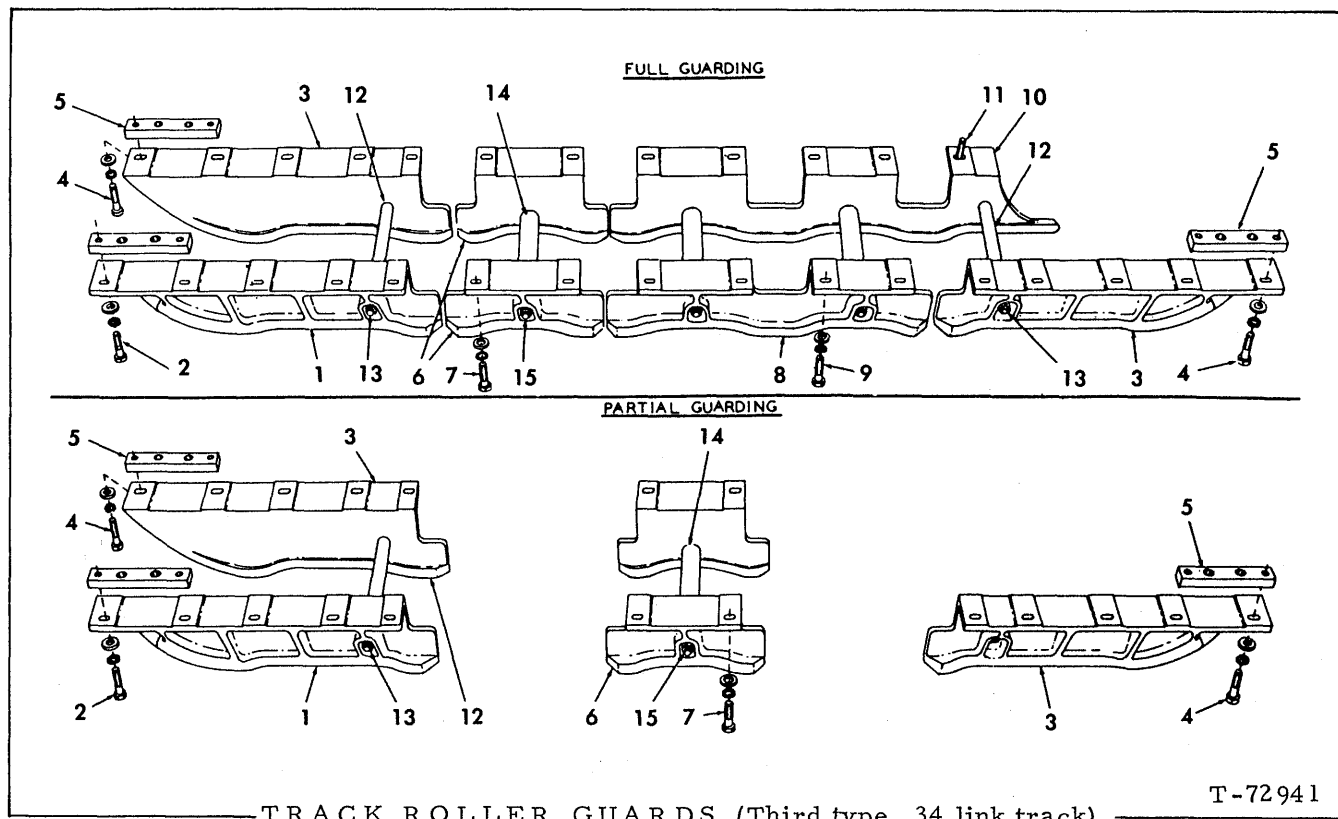
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
				*Partial guarding **Full guarding
1	-----	3	3	GUARD, end section, left hand (Order GUARD 655007)
2	035278	15	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	15	LOCKWASHER, 1/2"
	064531	15	15	WASHER, plain
3	-----	3	3	GUARD, end section, right hand (Order GUARD 655008)
4	035278	15	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	15	LOCKWASHER, 1/2"
	064531	15	15	WASHER, plain
5	631691	12	12	BLOCK, tapped, guard attachment
6	{ -----	4	-	GUARD, intermediate section (Order GUARD 654829)
	{ -----	-	4	GUARD, intermediate section (Order GUARD 654854)
7	035278	8	16	CAPSCREW, 1/2"NFx2- 3/4"
	904208	8	16	LOCKWASHER, 1/2"
	064531	8	16	WASHER, plain
8	632672	-	2	GUARD, intermediate rear section, outer
9	035892	-	4	CAPSCREW, 1/2"NF x 2-1/2"
	904208	-	4	LOCKWASHER, 1/2"
10	{ 632645	-	1	GUARD, rear inner section, left side
	{ 632646	-	1	GUARD, rear inner section, right side
11	035892	-	6	CAPSCREW, 1/2"NF x 2-1/2"
	904208	-	6	LOCKWASHER, 1/2"
12	632659	2	4	SPACER, guard bracing (small)
	{ -----	2	4	CAPSCREW, guard bracing (small) (Discontinued)
	904208	2	4	LOCKWASHER, 1/2"
	038234	2	4	NUT, high, 1/2"NF
13	{ 650845	2	4	ROD, guard bracing (1/2"NF x10-1/2")
	910244	4	8	WASHER, shimming (Used as required)
	904208	4	8	LOCKWASHER, 1/2"
	911043	4	8	NUT, 1/2"NF
14	632657	2	6	SPACER, guard bracing (large)
	{ -----	2	6	CAPSCREW, guard bracing (large) (Discontinued)
	905347	2	6	LOCKWASHER, 7/8"
	070400	2	6	NUT, high, 7/8"NF
15	{ 650461	2	6	ROD, guard bracing (7/8"NF x 11-9/16")
	651745	4	12	WASHER, shimming (Use as required)
	905347	4	12	LOCKWASHER, 7/8"
	911046	4	12	NUT, 7/8"NF
	638341	4	12	WASHER, plain

Used prior to
September
1966

Effective
September 1966

Used prior to
September
1966

Effective
September 1966

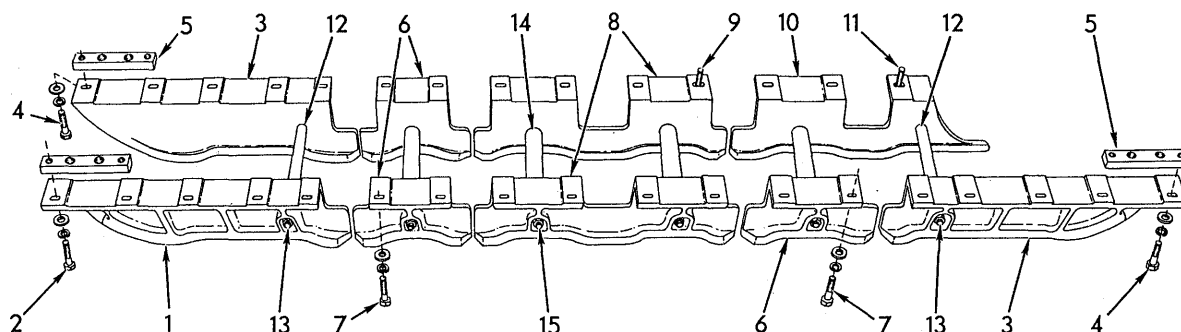


TRACK ROLLER GUARDS

USAGE: Special equipment. For Model HD6A, B tractors serial No. 15730 and up with standard 34-link track. Effective September 1966.

* Partial guarding
** Full guarding

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	655007	3	3	GUARD, end section, left hand
2	035278	15	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	15	LOCKWASHER, 1/2"
	064531	15	15	WASHER, plain
3	655008	3	3	GUARD, end section, right hand
4	035278	15	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	15	LOCKWASHER, 1/2"
	064531	15	15	WASHER, plain
5	631691	12	12	BLOCK, tapped, guard attachment
6	654829	4	4	GUARD, intermediate section
7	035278	8	8	CAPSCREW, 1/2"NF x 2-3/4"
	904208	8	8	LOCKWASHER, 1/2"
	064531	8	8	WASHER, plain
8	654863	-	1	GUARD, intermediate rear section, outer left
	654864	-	1	GUARD, intermediate rear section, outer right
9	035278	-	8	CAPSCREW, 1/2"NF x 2-3/4"
	904208	-	8	LOCKWASHER, 1/2"
	064531	-	8	WASHER, plain
10	654933	-	1	GUARD, rear inner section, left side
	654934	-	1	GUARD, rear inner section, right side
11	035278	-	10	CAPSCREW, 1/2"NF x 2-1/2"
	904208	-	10	LOCKWASHER, 1/2"
	064531	-	10	WASHER, plain
12	632659	2	4	SPACER, guard bracing (small)
13	650845	2	4	ROD, guard bracing
	910244	4	8	WASHER, shimmming (Use as required)
	064531	4	8	WASHER, plain (heavy)
	904208	4	8	LOCKWASHER, 1/2"
	911043	4	8	NUT, 1/2"NF
14	632657	2	6	SPACER, guard bracing (large)
15	650461	2	6	ROD, guard bracing
	651745	4	12	WASHER, shimmming (Use as required)
	638341	4	12	WASHER, plain (heavy)
	905347	4	12	LOCKWASHER, 7/8"
	911046	4	12	NUT, 7/8"



TRACK ROLLER GUARDS

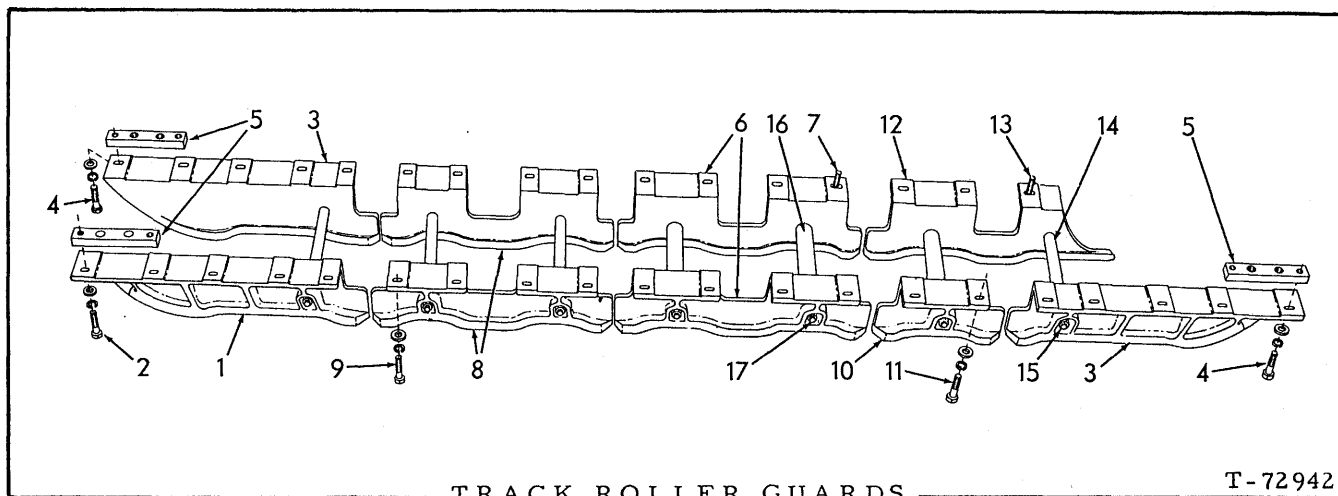
T-72026

USAGE: Special equipment. Tractors serial No. 15730 and up when equipped with 37-link track.

ITEM PART NO. QTY. DESCRIPTION

1	655007	3	GUARD, end section, left hand	
2	035278	15	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	15	LOCKWASHER, 1/2"	
	064531	15	WASHER, plain	
3	655008	3	GUARD, end section, right hand	
4	035278	15	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	15	LOCKWASHER, 1/2"	
	064531	15	WASHER, plain	
5	631691	12	BLOCK, tapped	
6	650462	6	GUARD, intermediate section, short	
7	035278	12	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	12	LOCKWASHER, 1/2"	
	064531	12	WASHER, plain	
8	654854	4	GUARD, intermediate section, long	
9	035278	16	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	16	LOCKWASHER, 1/2"	
	064531	16	WASHER, plain	
10	{ 654931	1	GUARD, rear inner section, left side	
	{ 654932	1	GUARD, rear inner section, right side	
11	035278	6	CAPSCREW, 1/2"NF x 2-3/4"	
	904208	6	LOCKWASHER, 1/2"	
	064531	6	WASHER, plain	
12	632659	4	SPACER, guard bracing (small)	
	-----	4	CAPSCREW, guard bracing (Discontinued)	} Used prior to July 1967
	904208	4	LOCKWASHER, 1/2"	
	038234	4	NUT, high, 1/2"NF	
13	{ 650845	4	ROD, guard bracing	} Effective July 1967
	{ 910244	8	WASHER, shimming (Use as req'd)	
	{ 064531	8	WASHER, plain (heavy)	
	{ 904208	8	LOCKWASHER, 1/2"	
	{ 911043	8	NUT, 1/2"NF	
14	632657	8	SPACER, guard bracing (large)	
	-----	8	CAPSCREW, guard bracing (Discontinued)	} Used prior to July 1967
	905347	8	LOCKWASHER, 7/8"	
	070400	8	NUT, high, 7/8"NF	
15	{ 650461	8	ROD, guard bracing	} Effective July 1967
	{ 651745	16	WASHER, shimming (Use as req'd)	
	{ 638341	16	WASHER, plain (heavy)	
	{ 905347	16	LOCKWASHER, 7/8"	
	{ 911046	16	NUT, 7/8"NF	

MEMO



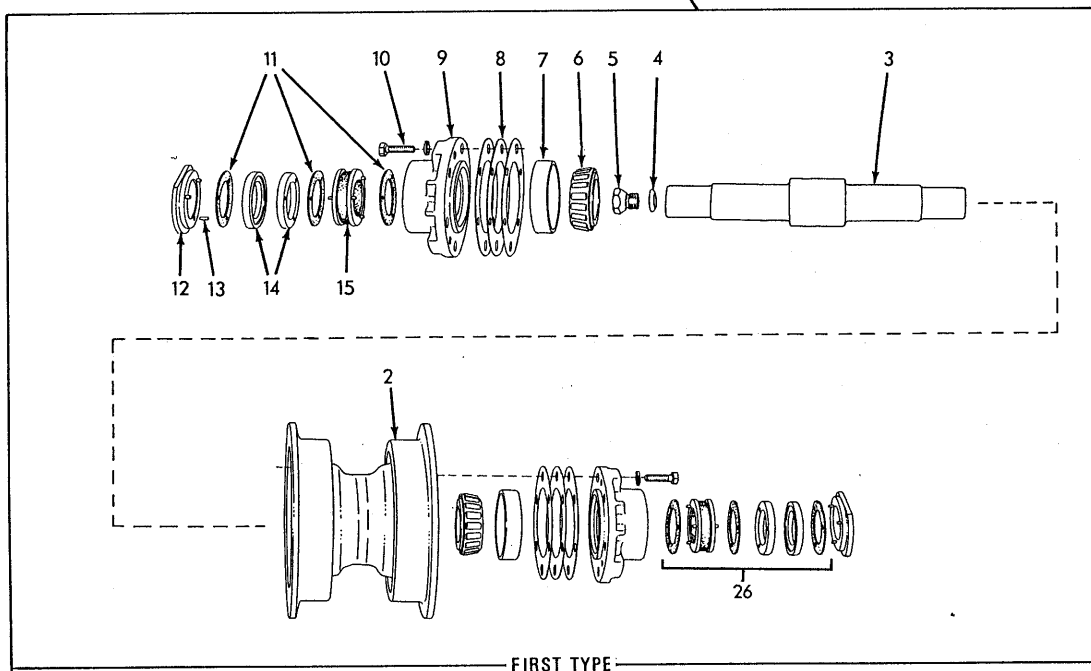
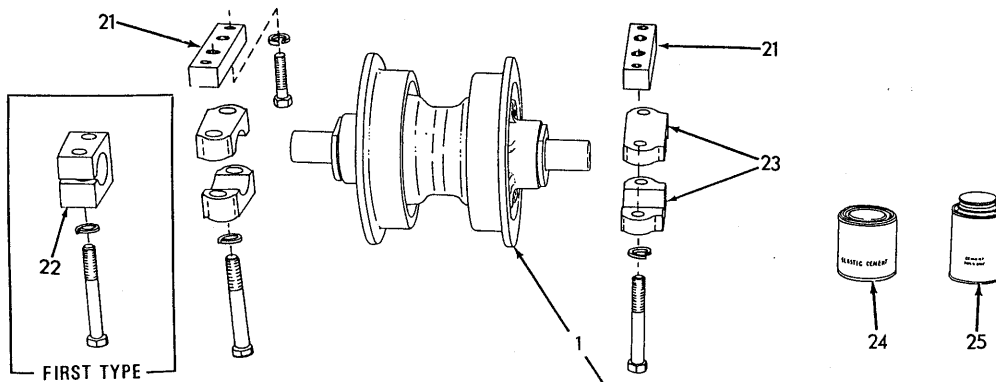
USAGE: Special equipment. Model HD6B, E tractors serial No. 15730 and up when equipped with 39-link track.

ITEM	PART NO.	QTY.	DESCRIPTION
1	655007	3	GUARD, end section, left hand
2	035278	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	LOCKWASHER, 1/2"
	064531	15	WASHER, plain
3	655008	3	GUARD, end section, right hand
4	035278	15	CAPSCREW, 1/2"NF x 2-3/4"
	904208	15	LOCKWASHER, 1/2"
	064531	15	WASHER, plain
5	631691	12	BLOCK, tapped
6	654868	4	GUARD, intermediate section
7	035278	16	CAPSCREW, 1/2"NF x 2-3/4"
	904208	16	LOCKWASHER, 1/2"
	064531	16	WASHER, plain
8	654862	4	GUARD, intermediate section, front
9	035278	16	CAPSCREW, 1/2"NF x 2-3/4"
	904208	16	LOCKWASHER, 1/2"
	064531	16	WASHER, plain
10	650462	2	GUARD, intermediate rear section, outer
11	035278	4	CAPSCREW, 1/2"NF x 2-3/4"
	904208	4	LOCKWASHER, 1/2"
	064531	4	WASHER, plain
12	654931	1	GUARD, rear inner section, left side
	654932	1	GUARD, rear inner section, right side
13	035278	6	CAPSCREW, 1/2"NF x 2-3/4"
	904208	6	LOCKWASHER, 1/2"
	064531	6	WASHER, plain
14	632659	8	SPACER, guard bracing (small)

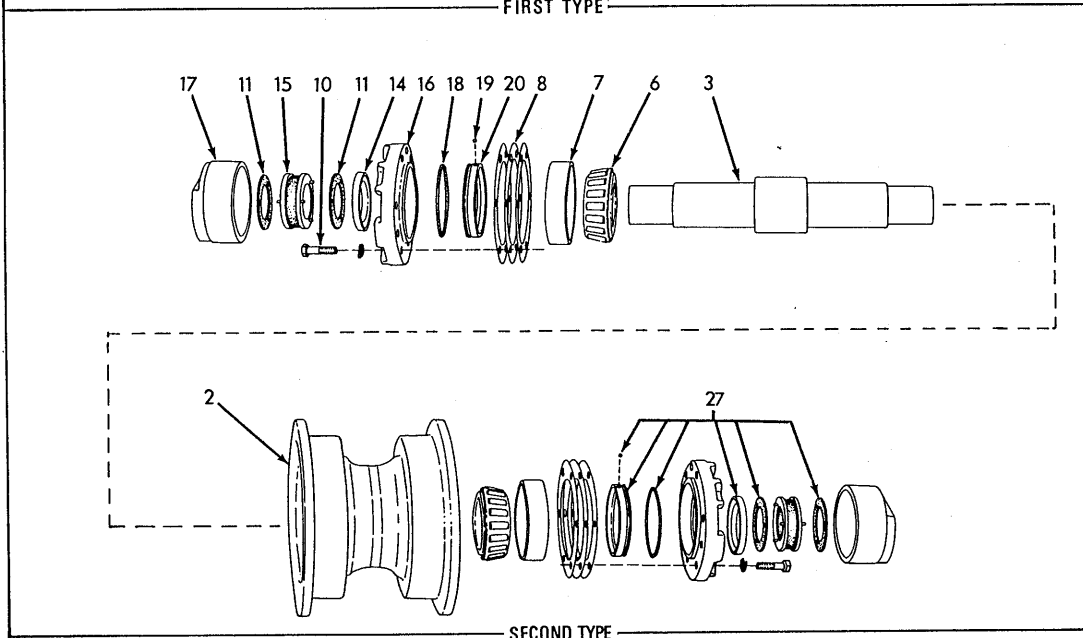
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TRACK ROLLER GUARDS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
15	-----	8	CAPSCREW, guard bracing (Discontinued)	} Used prior to July 1967
	904208	8	LOCKWASHER, 1/2"	
	038234	8	NUT, high, 1/2"NF	
	650845	8	ROD, guard bracing	} Effective July 1967
	910244	16	WASHER, shimming (Use as req'd)	
	064531	16	WASHER, plain (heavy)	
	904208	16	LOCKWASHER, 1/2"	
	911043	16	NUT, 1/2"NF	
16	632657	6	SPACER, guard bracing (large)	
17	-----	6	CAPSCREW, guard bracing (Discontinued)	} Used prior to July 1967
	905347	6	LOCKWASHER, 7/8"	
	070400	6	NUT, high, 7/8"NF	
	650461	6	ROD, guard bracing	} Effective July 1967
	651745	12	WASHER, shimming (Use as req'd)	
	638341	12	WASHER, plain (heavy)	
	905347	12	LOCKWASHER, 7/8"	
	911046	12	NUT, 7/8"NF	



FIRST TYPE



SECOND TYPE

TRACK ROLLER (Standard)

T-11614

TRACK ROLLER

USAGE: Standard equipment. See page 263 for heavy-duty type.

* Tractors prior to serial No. 14026

** Tractors serial No. 14026 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	{ ----- 623115	1 - - 1	ROLLER ASSEMBLY (Consists of items 2 thru 15) (Order 623115) ROLLER ASSEMBLY (Consists of items 2 thru 20)
2	051427	1 1	ROLLER
3	{ 049885 623116	1 - - 1	SHAFT SHAFT
4	034043	1 -	GASKET, shaft oil hole plug
5	034042	1 -	PLUG, shaft oil hole
6	042888	2 2	CONE ASSEMBLY, bearing
7	042887	2 2	CUP, bearing
8	{ 655372 051432 051433 051431	4 4 4 4 4 4 3 3	SHIM, bearing adjustment (.007" thick) SHIM, bearing adjustment (.007" thick) SHIM, bearing adjustment (.010" thick) SHIM, bearing adjustment (.032" thick)
			} Use as required
9	051430	2 -	RETAINER, bearing
10	012992 904206	12 12 12 12	CAPSCREW, bearing retainer (3/8"NF x 1-1/4") LOCKWASHER, 3/8"
11	047605	6 4	□GASKET, seal ring
12	051429	2 -	GUARD ASSEMBLY, seal (Includes item 13)
13	049877	6 -	PIN, seal guard
14	047151	4 2	□RING, seal
15	047581	2 2	□SPRING ASSEMBLY, seal (Serviced only as a unit)
16	623113	- 2	RETAINER, bearing
17	623112	- 2	RETAINER, seal
18	923815	- 2	□O-RING, inner seal ring
19	905357	- 2	□BALL, steel, 3/16" diam.
20	623114	- 2	□RING, seal, inner (See item 27)
21	{ 053305 631691	2 2 - 2	BLOCK, tapped, attaching capscrews (tapered section)(Used prior to tractor #15730) BLOCK, tapped, attaching capscrews (straight section)(Effective with tractor #15730)
	911849 904208	4 4 4 4	CAPSCREW, 1/2"NF x 2" LOCKWASHER, 1/2"

(Continued)

TRACK ROLLER(Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
22	053346	2 -	BRACKET, attaching
	093804	- 2	BRACKET, attaching (Tractor prior to #21764)
	045524	4 4	CAPSCREW, 5/8"NF x 4-1/2"
	904209	4 4	LOCKWASHER, 5/8"
23	660658	- 4	BRACKET, attaching (half only) (Tractor #21764 and up)
	926602	- 4	CAPSCREW, 5/8"NF x 4-1/4"
	904209	- 4	LOCKWASHER, 5/8"
24	033288	- -	CEMENT, neoprene, 1/2 pint can
25	054890	- -	SOLVENT, neoprene cement, 1/2 pint can
26	083536	1 -	SEAL KIT (Consists of items 11, 14 and 15)
27	623124	- 1	SEAL KIT (Consists of items 11, 14, 18, 19 and 20)

} For cement-
ing seal boots

☐ Components of items 26 and 27

NOTE: All quantities indicated above are for one (1) roller. The number of rollers used on various models is as follows;

Standard HD6A, B, AG (34-link track) 8
Standard HD6E; Special HD6A, B (37-link track)..... 10
Special HD6B, E (39-link track)..... 12

TRACK ROLLER

USAGE: Special equipment. Heavy-duty type. See page 261 for standard type

ITEM	PART NO.	QTY.	DESCRIPTION
1	622392	1	ROLLER ASSEMBLY (Consists of items 2 thru 15)
2	073635	1	ROLLER
3	622391	1	SHAFT
4	043491	2	CONE ASSEMBLY, bearing
5	659149	2	CUP, bearing
6	655458	4	SHIM, bearing adjustment (.003" thick)
	073024	4	SHIM, bearing adjustment (.007" thick)
	073025	4	SHIM, bearing adjustment (.010" thick)
	073026	2	SHIM, bearing adjustment (.032" thick)
} Used as required			
7	073023	2	RETAINER, bearing
8	012992	12	CAPSCREW, 3/8"NF x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
9	073027	2	☐ RING, seal inner
10	621283	2	☐ RING, SEAL, OUTER
} See item 23			
11	073029	2	☐ RING, seal packing
12	905357	2	☐ BALL, steel, 3/16" diam.
13	048666	2	SPRING ASSEMBLY, seal (Serviced only as a unit)
14	048665	2	BOOT, seal spring
15	073634	2	RETAINER, seal
16	034042	1	PLUG, shaft oil hole
17	034043	1	GASKET, shaft oil hole plug
} Used prior to tractor #13751			
18	053346	2	BRACKET, attaching (Used prior to tractor #13751)
	093804	2	BRACKET, attaching (Tractor #13751 thru 21763)
	045524	4	CAPSCREW, 5/8"NF x 4-1/2"
	904209	4	LOCKEASHER, 5/8"
19	660685	4	BRACKET, attaching (half only) (Tractor #21764 and up)
	926602	4	CAPSCREW, 5/8"NF x 4-1/4"
	904209	4	LOCKWASHER, 5/8"
20	053305	2	BLOCK, tapped, attaching capscrews (tapered section)(Used prior to tractor #15730)
	631691	2	BLOCK, tapped, attaching capscrews (straight section)(Effective with tractor #15730)
	911849	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"

(Continued)

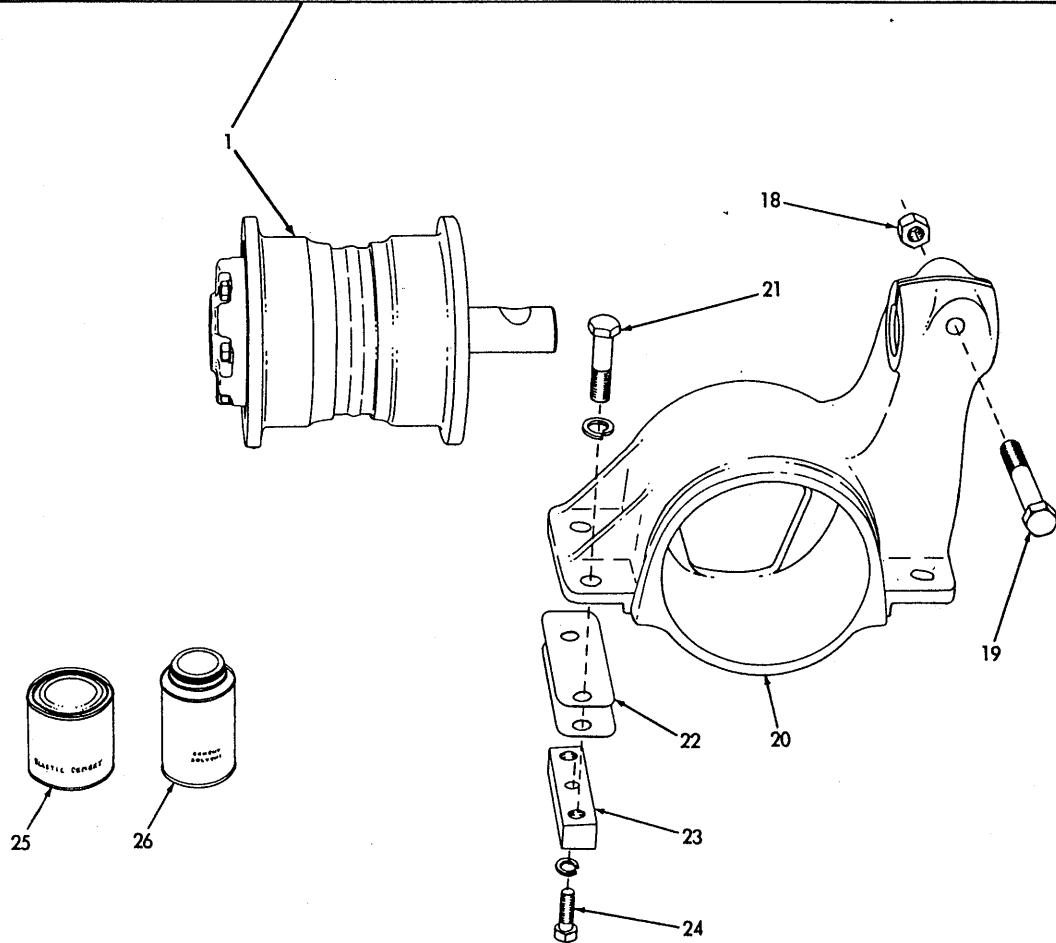
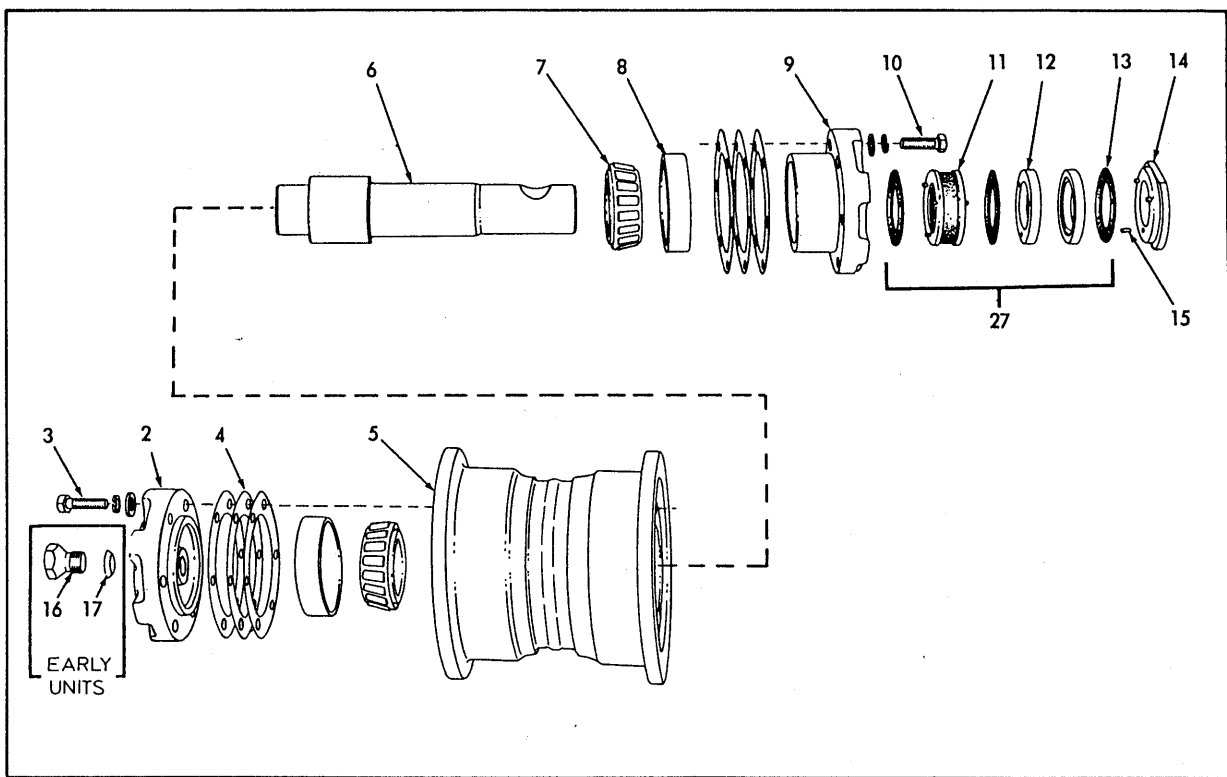
TRACK ROLLER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
21	033288	-	CEMENT, neoprene, 1/2 pint can	} For cementing seal boots
22	054890	-	SOLVENT, neoprene cement, 1/2 pint can	
23	078941	1	SEAL KIT (Consists of items 9 thru 12)	

☐ Components of item 23

NOTE: All quantities indicated above are one (1) roller. The number of rollers used on the various models is as follows:

Standard HD6A, B, AG (34-link track)	8
Standard HD6E; Special HD6B (37-link track)	10
Special HD6B, E (39-link track)	12



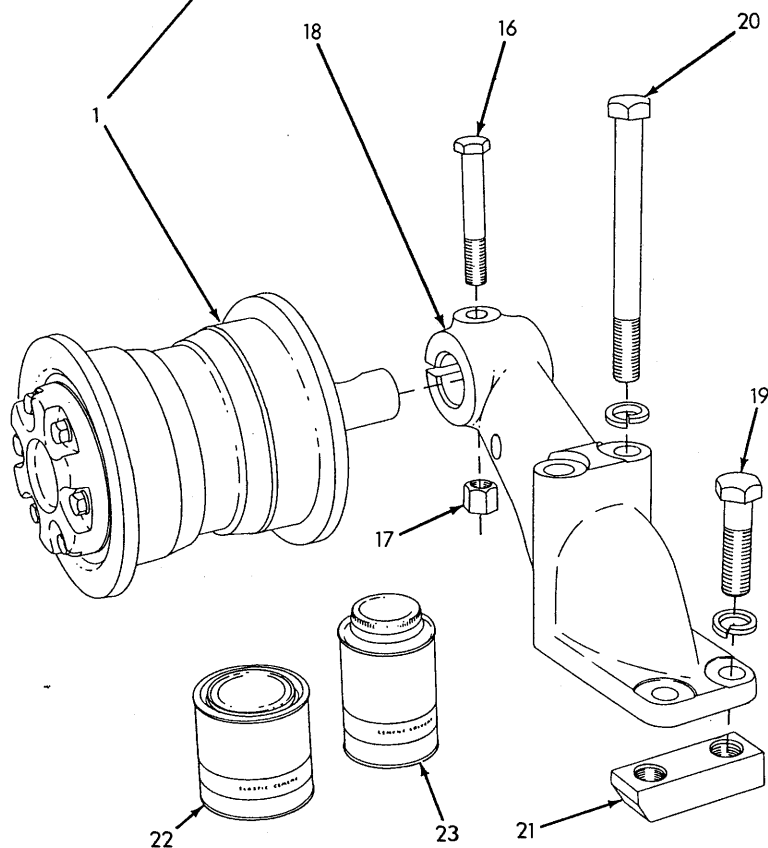
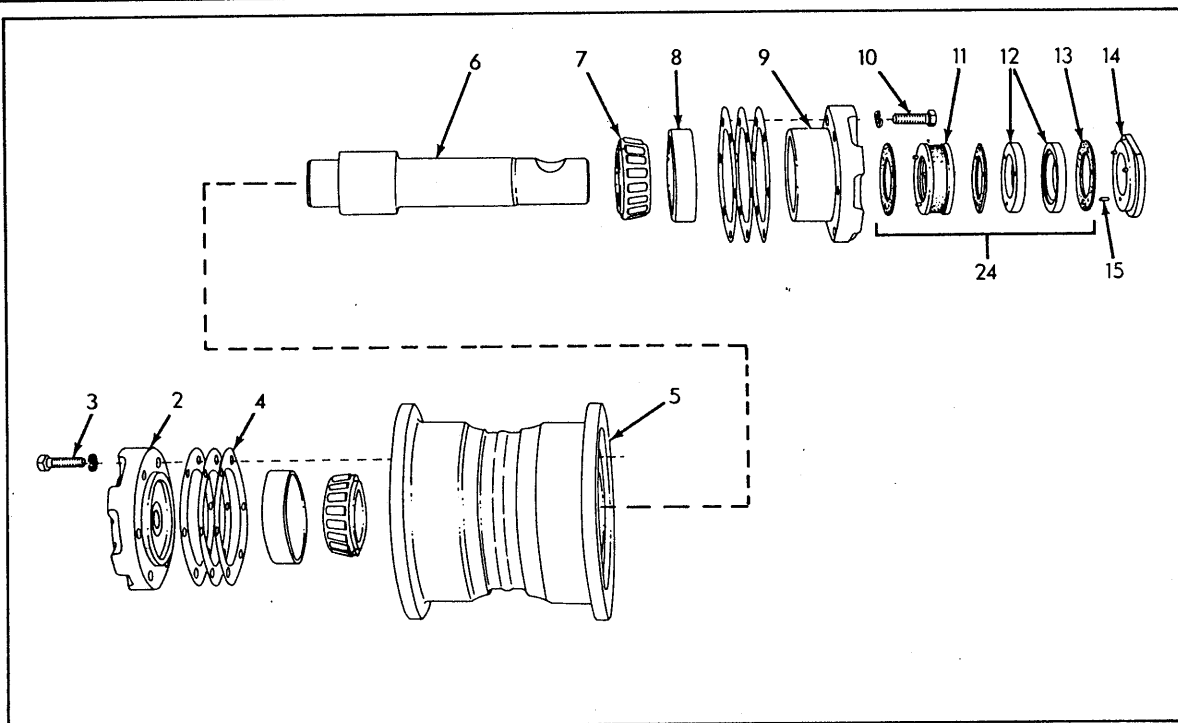
TRACK CARRIER ROLLER (First type)

T-11610

TRACK CARRIER ROLLER

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 15730, including later units equipped with special 39-link track

ITEM	PART NO.	QTY.	DESCRIPTION
1	622613	2	ROLLER ASSEMBLY (Consists of items 2 thru 15)
2	622612	2	RETAINER, outer bearing
3	012992	12	CAPSCREW, 3/8"NF x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
4	{ 051484	4	SHIM, bearing adjustment (.007" thick)
	051483	6	SHIM, bearing adjustment (.010" thick)
	051482	6	SHIM, bearing adjustment (.032" thick)
	} Use as required		
5	051481	2	ROLLER
6	078749	2	SHAFT
7	042888	4	CONE ASSEMBLY, bearing
8	042887	4	CUP, bearing
9	051478	2	RETAINER, inner bearing
10	012992	12	CAPSCREW, 3/8"NF x 1-1/4"
	904206	12	LOCKWASHER, 3/8"
11	047581	2	☐ SPRING ASSEMBLY, seal (Serviced only as a unit)
12	047151	4	☐ RING, seal
13	047605	6	☐ GASKET, seal ring
14	051429	2	GUARD ASSEMBLY, seal (Includes item 15)
15	049877	6	PIN, seal guard
16	034042	2	PLUG, oiling hole
17	034043	2	GASKET, oiling hole plug
	} Used prior to tractor #14163		
18	072366	2	NUT, roller retaining capscREW (high, 5/8"NF)
19	035541	2	CAPSCREW, roller retaining (5/8"NF x 3-3/4")
20	{ 078759	1	BRACKET, left side
	078760	1	BRACKET, right side
21	{ 023618	8	CAPSCREW, 5/8"NF x 2-1/2" (Used prior to tractor #15730)
	013467	8	CAPSCREW, 5/8"NF x 3" (Effective with tractor #15730)
	904209	8	LOCKWASHER, 5/8"
22	078766	12	SHIM, bracket alignment (1/32" thick. Use as required)
23	{ 053304	4	BLOCK, bracket attaching capscREWS (tapered section)(Used prior to tractor #15730)
	632572	4	BLOCK, bracket attaching capscREWS (straight section)(Effective with tractor #15730)
24	{ 035018	4	CAPSCREW, 1/2"NF x 1-1/2" (Used prior to tractor #15730)
	035067	4	CAPSCREW, 1/2"NF x 2" (Effective with tractor #15730)
	904208	4	LOCKWASHER, 1/2"
25	033288	-	CEMENT, neoprene, 1/2 pint can
26	054890	-	SOLVENT, neoprene cement, 1/2 pint can
27	083536	1	SEAL KIT (Full set of items 11 thru 13 for both rollers)
	☐ Components of item 27		



TRACK CARRIER ROLLER (Second type)

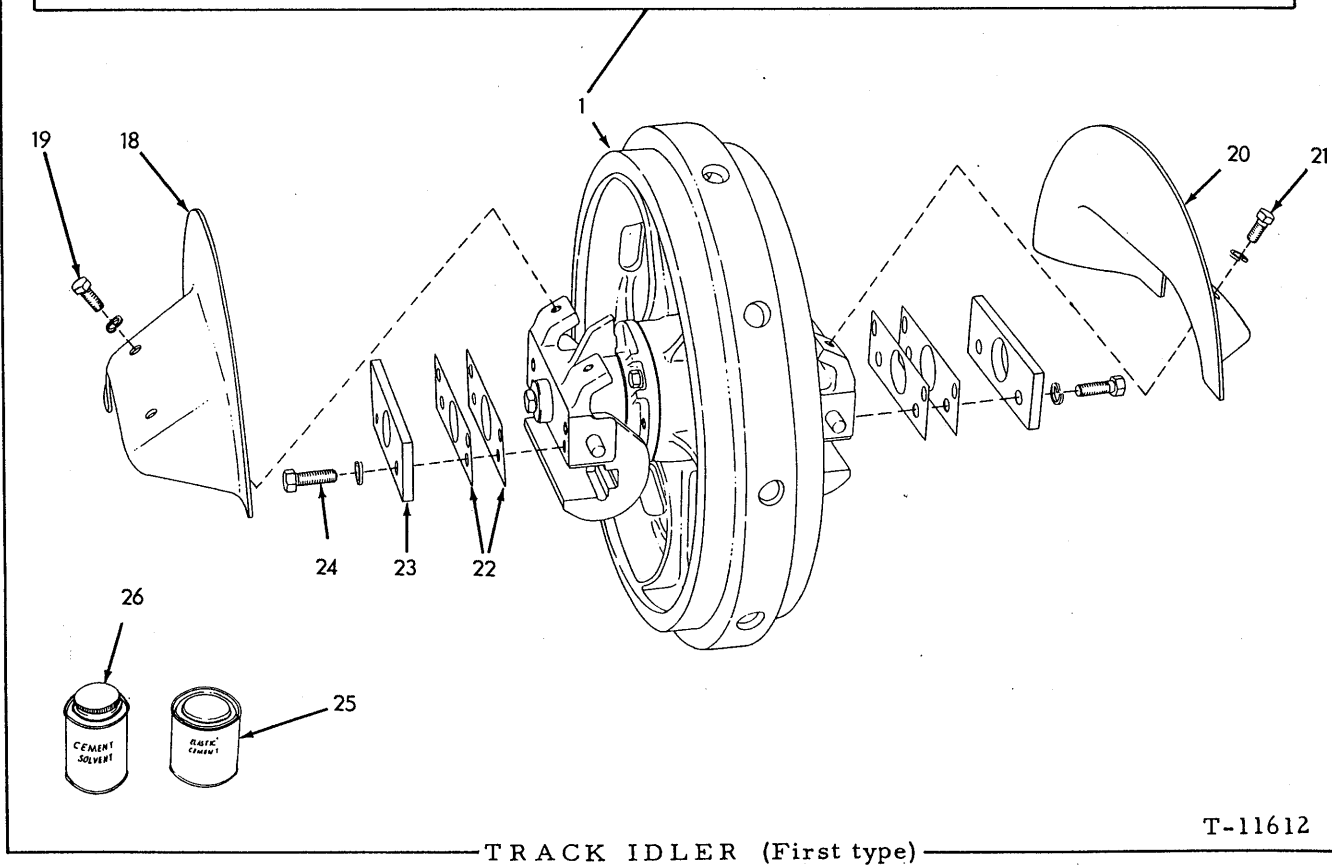
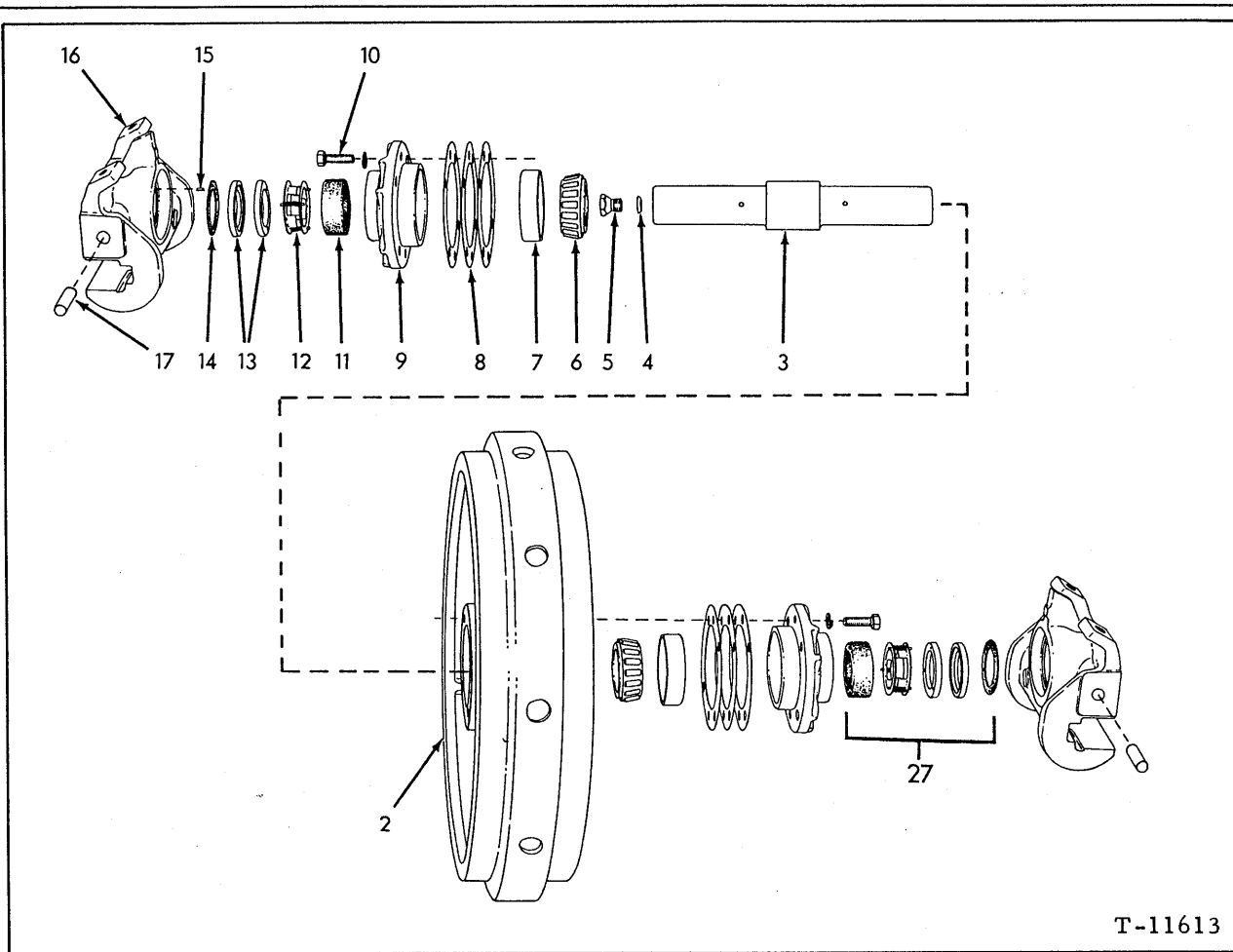
T-38138

TRACK CARRIER ROLLER

USAGE: Standard on Model HD6E tractors serial No. 15730 and up; optional on Models HD6A, B when equipped with special 37-link track

ITEM	PART NO.	QTY.	DESCRIPTION	
1	622613	2	ROLLER ASSEMBLY (Consists of items 2 thru 15)	
2	622612	2	RETAINER, outer bearing	
3	012992	12	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	12	LOCKWASHER, 3/8"	
4	655474	8	SHIM, bearing adjustment (.003" thick)	} Use as req'd
	051484	4	SHIM, bearing adjustment (.007" thick)	
	051483	6	SHIM, bearing adjustment (.010" thick)	
	051482	6	SHIM, bearing adjustment (.032" thick)	
5	051481	2	ROLLER	
6	078749	2	SHAFT	
7	042888	4	CONE ASSEMBLY, bearing	
8	042887	4	CUP, bearing	
9	051478	2	RETAINER, inner bearing	
10	012992	12	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	12	LOCKWASHER, 3/8"	
11	047581	2	☐ SPRING ASSEMBLY, seal (Serviced only as a unit)	
12	047151	4	☐ RING, seal	
13	047605	6	☐ GASKET, seal ring	
14	051429	2	GUARD ASSEMBLY, seal (Includes item 15)	
15	049877	6	PIN, seal guard	
16	070299	2	CAPSCREW, bracket clamping (5/8"NF x 4")	
17	072366	2	NUT, high, 5/8"NF	
18	631735	1	BRACKET, left side	
	631736	1	BRACKET, right side	
19	012984	4	CAPSCREW, 3/4"NF x 2-3/4"	
20	090978	4	CAPSCREW, 3/4"NF x 7-3/8"	
	904369	8	LOCKWASHER, 3/4"	
21	631750	4	BLOCK, tapped, bracket attaching capscrews	
22	033288	-	CEMENT, neoprene, 1/2 pint can	} For cement- ing gaskets
23	054890	-	SOLVENT, neoprene cement, 1/2 pint can	
24	083536	1	SEAL KIT (Full set of items 11 thru 13 for both rollers)	

☐ Components of item 24



TRACK IDLER

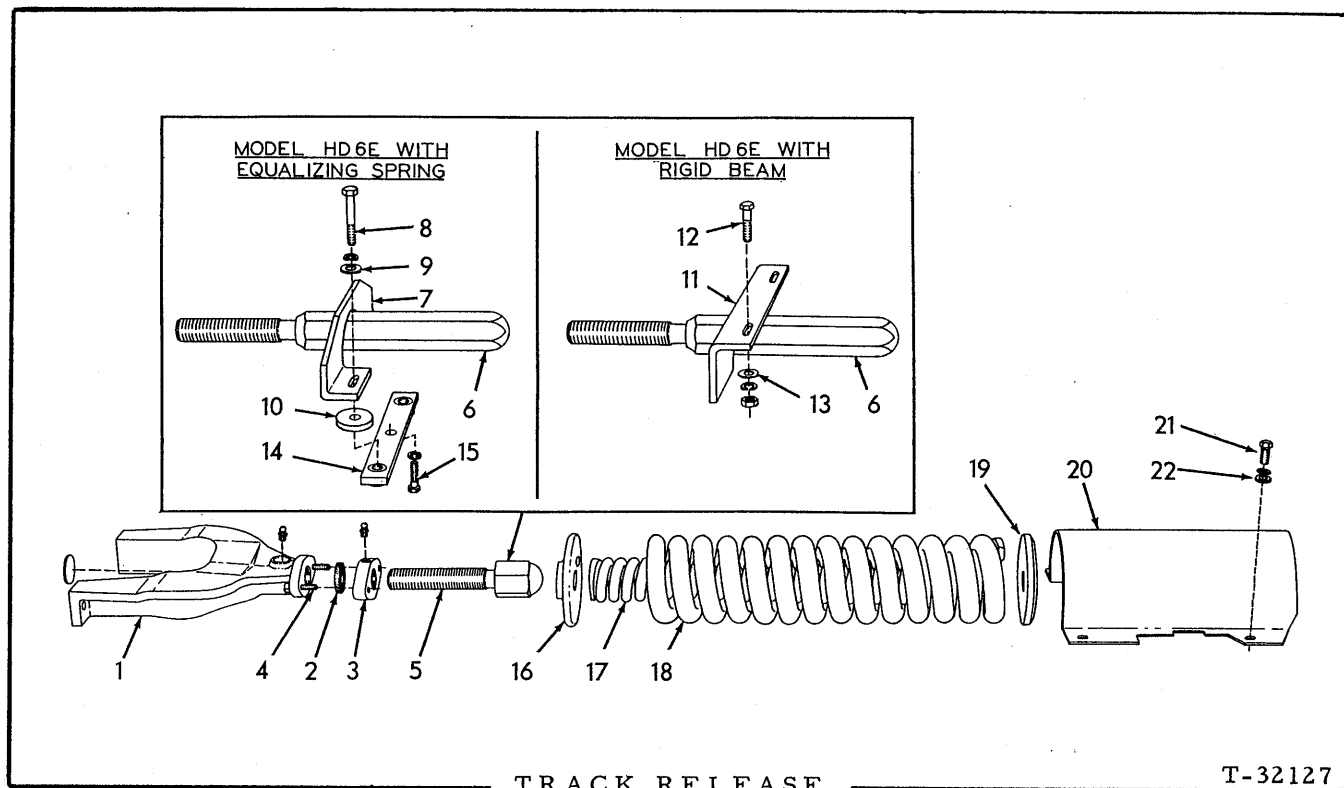
USAGE: Tractors prior to serial No. 13981

ITEM	PART NO.	QTY.	DESCRIPTION	
1	622040	2	IDLER ASSEMBLY (Consists of items 2 thru 17)	
2	621809	2	IDLER only	
3	049896	2	SHAFT	
4	034043	2	GASKET, shaft oil hole plug	
5	034042	2	PLUG, shaft oil hole	
6	043491	4	CONE ASSEMBLY, bearing	
7	210740	4	CUP, bearing	
8	050245	8	SHIM, bearing adjustment (.007" thick)	} Use as required
	050246	4	SHIM, bearing adjustment (.010" thick)	
	050247	4	SHIM, bearing adjustment (.031" thick)	
9	073646	4	RETAINER, bearing	
10	035018	16	CAPSCREW, 1/2"NF x 1-1/2"	
	904208	16	LOCKWASHER, 1/2"	
11	048665	4	☐ BOOT, idler seal	} See item 27
12	048666	4	☐ SPRING ASSEMBLY, idler seal (Serviced only as a unit)	
13	621283	8	☐ RING, idler seal	
14	050251	4	☐ GASKET, seal ring	
15	049877	12	PIN, seal ring locating	
16	088538	4	BRACKET ASSEMBLY (Includes items 15 and 17)	
17	658707	8	PIN, dowel, idler bracket to release yoke	
18	629827	2	GUARD, left (Special equipment)	
19	035221	4	CAPSCREW, 1/2"NC x 1"	
	904208	4	LOCKWASHER, 1/2"	
20	629828	2	GUARD, right (Special equipment)	
21	035221	4	CAPSCREW, 1/2"NC x 1"	
	904208	4	LOCKWASHER, 1/2"	
22	049861	20	SHIM, guide plate spacing (1/64" thick. Use as req'd)	
23	629615	4	PLATE, guide	
24	036707	8	CAPSCREW, 5/8"NC x 1-3/4"	
	904209	8	LOCKWASHER, 5/8"	
25	033288	-	CEMENT, neoprene, 1/2 pint can	} For cementing boots and gaskets
26	054890	-	SOLVENT, neoprene cement, 1/2 pint can	
27	083213	2	SEAL KIT (Consists of items 11 thru 14)	
			☐ Components of item 27	

TRACK IDLER

USAGE: Tractors serial No. 13981 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	622830	2	IDLER ASSEMBLY (Consists of items 2 thru 15)
2	621809	2	IDLER only
3	622825	2	SHAFT
4	043491	4	CONE ASSEMBLY, bearing
5	210740	4	CUP, bearing
6	073027	4	□ RING, seal, inner (See item 29)
7	905357	4	□ BALL, steel, 3/16" diam. } See item 29
8	073029	4	□ RING, seal packing }
9	655512	8	SHIM, bearing adjustment (.003" thick) } Use as required
	050245	8	SHIM, bearing adjustment (.007" thick) }
	050246	4	SHIM, bearing adjustment (.010" thick) }
	050247	4	SHIM, bearing adjustment (.031" thick) }
10	622826	4	RETAINER, bearing
11	035018	16	CAPSCREW, 1/2"NF x 1-1/2"
	904208	16	LOCKWASHER, 1/2"
12	621283	4	□ RING, idler seal (See item 29)
13	048665	4	BOOT, idler seal
14	048666	4	SPRING ASSEMBLY, idler seal (Serviced only as a unit)
15	622827	4	RETAINER, seal
16	622930	4	BRACKET ASSEMBLY (Includes item 17) (Used prior to tractor #15731)
	631794	4	BRACKET ASSEMBLY (Includes item 17) (Effective with tractor #15731)
17	658707	8	PIN, dowel, idler bracket to release yoke
18	622828	4	CAPSCREW, bracket clamping (3/4"NF x 8")
19	012767	4	NUT, high, 3/4"NF
20	049861	20	SHIM, guide plate spacing (1/64" thick. Use as req'd)
21	629615	4	PLATE, guide
22	036707	8	CAPSCREW, 5/8"NC x 1-3/4"
	904209	8	LOCKWASHER, 5/8"
23	629827	2	GUARD, left (Special equipment)
24	035221	4	CAPSCREW, 1/2"NC x 1"
	904208	4	LOCKWASHER, 1/2"
25	629828	2	GUARD, right (Special equipment)
26	035221	4	CAPSCREW, 1/2"NC x 1"
	904208	4	LOCKWASHER, 1/2"
27	033288	-	CEMENT, neoprene, 1/2 pint can } For cementing boots and gaskets
28	054890	-	SOLVENT, neoprene cement, 1/2 pint can }
29	078941	2	SEAL KIT (Consists of items 6, 7, 8 and 12)
			□ Components of item 29



TRACK RELEASE

T-32127

USAGE: Standard equipment on Models HD6A, B, AG; also on Model HD6E tractors prior to serial No. 15730. See following pages for designs used on later units or with optional tracks of increased length.

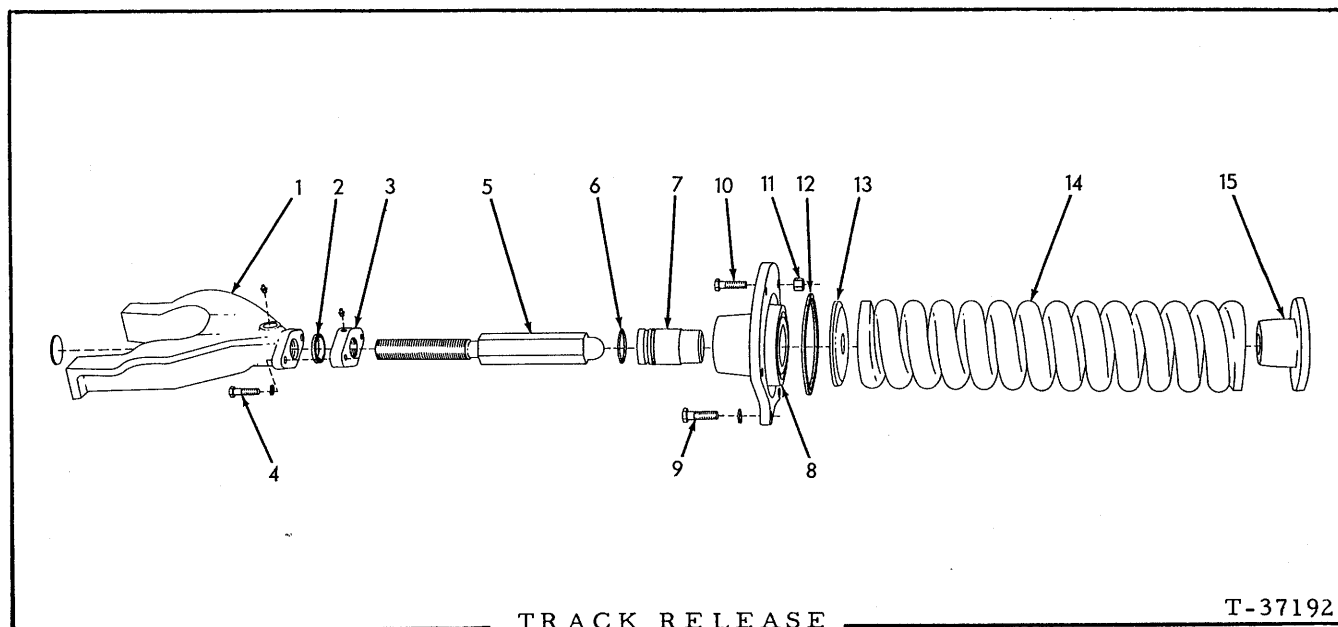
* Models HD6 A, B, AG (34-link track)
 ** Model HD6E (37-link track)

ITEM	PART NO.	QTY. * **	DESCRIPTION
<u>NOTE:</u> See page 278 for optional Hydraulic Track Adjuster			
1	631756	2	YOKE ASSEMBLY (Includes PLUG 910016)
	910016	2	PLUG, expansion, 2-1/4" diam.
	914465	2	FITTING, lubricating, straight, 1/8"NPT
2	066063	2	SEAL, thread protecting (rubber)
3	049849	2	LOCK, adjusting screw
	914465	2	FITTING, lubricating, straight, 1/8"NPT
4	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"
5	098903	2	SCREW, adjusting (12-3/8" long)
6	054952	- 2	SCREW, adjusting (22-3/4" long)
7	628754	- 2	BRACKET, supporting, adjusting screw (Effective with tractor #14484. Used with standard equalizing spring only)
8	{ 035229	- 4	CAPSCREW, 5/8"NF x 2" (Used prior to tractor #14710)
	013467	- 4	CAPSCREW, 5/8"NF x 3" (Effective with tractor #14710)
	904209	- 4	LOCKWASHER, 5/8"
9	064810	- 4	WASHER, plain

(Continued)

TRACK RELEASE (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
10	050547	-	4	WASHER, spacing (Effective with tractor #14710)
11	628757	-	2	BRACKET, supporting, adjusting screw (Effective with tractor #14484. Used with optional rigid beam only)
12	035229	-	4	CAPSCREW, 5/8"NF x 2"
13	064810	-	4	WASHER, plain
	904209	-	4	LOCKWASHER, 5/8"
	911044	-	4	NUT, 5/8"NF
14	630696	-	2	BLOCK, tapped, adjusting screw bracket (Effective with tractor #14710)
15	035018	-	2	CAPSCREW, 1/2"NF x 1-1/2"
	904208	-	2	LOCKWASHER, 1/2"
16	098902	2	2	SEAT, release spring, front
17	-----	2	2	SPRING, inner (Used prior to tractor #14117. Not serviced)
18	620934	2	2	SPRING, outer (Discard inner spring when installing on tractors prior to #14117)
19	096136	2	2	SEAT, release spring, rear
20	{ 090691	1	1	GUARD, release spring, left
	090692	1	1	GUARD, release spring, right
21	614478	8	8	CAPSCREW, 1/2"NF x 1-3/8"
	904208	8	8	LOCKWASHER, 1/2"
22	064531	8	8	WASHER, plain

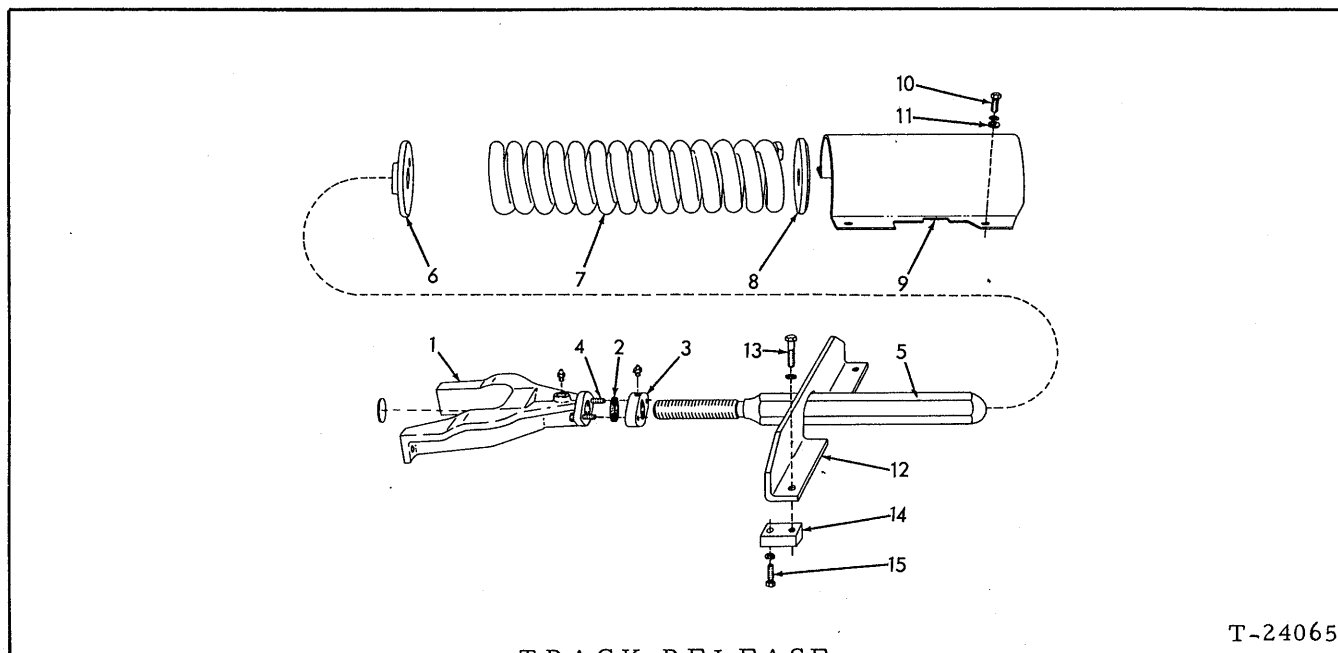


USAGE: Standard on Model HD6E tractors serial No. 15730 and up; optional on Model HD6A, B tractors equipped with special 37-link track

ITEM PART NO. QTY. DESCRIPTION

NOTE: See page 278 for optional Hydraulic Track Adjuster

1	631756	2	YOKE ASSEMBLY (Includes PLUG indented below)
	910016	2	PLUG, expansion, 2-1/4" diam.
	914465	2	FITTING, lubricating, straight, 1/8"NPT
2	066063	2	SEAL, protecting, adjustment screw threads (rubber)
3	049849	2	LOCK, adjustment screw
	914465	2	FITTING, lubricating, straight, 1/8"NPT
4	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER, 1/2"
5	631548	2	SCREW, adjustment
6	923827	4	O-RING, crosshead
7	631751	2	CROSSHEAD
8	631752	2	COVER, release spring chamber
9	035229	6	CAPSCREW, 5/8"NF x 2"
	904209	6	LOCKWASHER, 5/8"
10	035248	6	CAPSCREW, 5/8"NF x 2-1/4"
11	072366	6	NUT, high, 5/8"NF
12	631771	2	SEAL, release spring chamber cover
13	096136	2	SEAT, release spring, front
14	620934	2	SPRING
15	631753	2	SEAT, release spring, rear



USAGE: Model HD6B, E tractors with special 39-link track

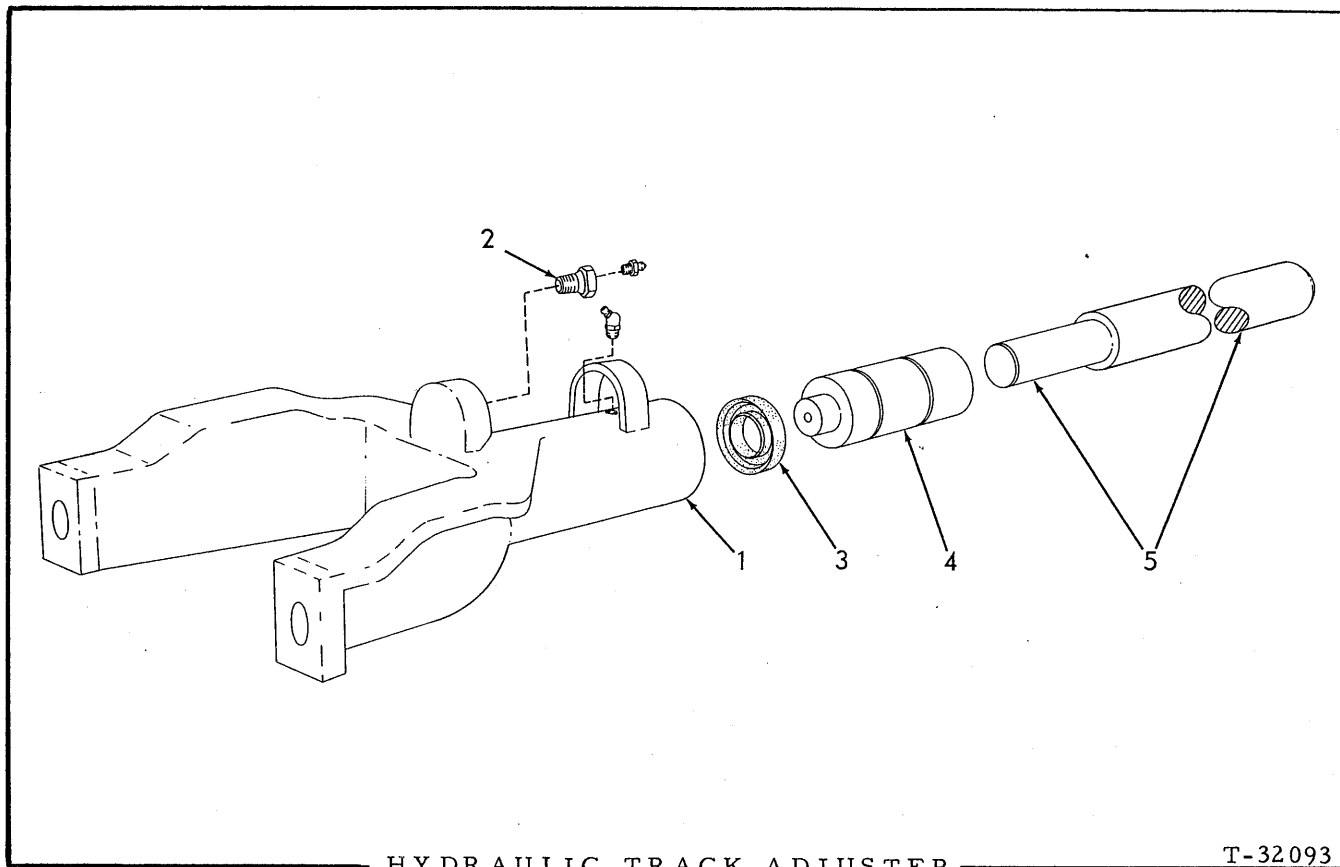
ITEM PART NO. QTY. DESCRIPTION

NOTE: See page 278 for optional Hydraulic Track Adjuster

1	631756	2	YOKE ASSEMBLY (Includes PLUG 910016)
	910016	2	PLUG, expansion, 2-1/4" diam.
	914465	2	FITTING, lubricating, straight, 1/8"NPT
2	066063	2	SEAL, protecting, adjusting screw threads (rubber)
3	049849	2	LOCK, adjusting screw
	914465	2	FITTING, lubricating, straight, 1/8"NPT
4	035067	4	CAPSCREW, 1/2"NF x 2"
	904208	4	LOCKWASHER 1/2"
5	086788	2	SCREW, adjusting
6	098902	2	SEAT, release spring, front
7	620934	2	SPRING
8	096136	2	SEAT, release spring, rear
9	090691	1	GUARD, release spring, left
	090692	1	GUARD, release spring, right
10	614478	8	CAPSCREW, 1/2"NF x 1-3/8"
	904208	8	LOCKWASHER, 1/2"
11	064531	8	WASHER, plain

NOTE: Items listed below were used only on units prior to February 1966

12	-----	2	BRACKET, supporting, adjusting screw
	035248	4	CAPSCREW, 5/8"NF x 2-1/4" (Used prior to tractor #15730)
13	070161	4	CAPSCREW, 5/8"NF x 2-3/4" (Effective with tractor #15730)
	904209	4	LOCKWASHER, 5/8"
14	093982	4	BLOCK, tapped, supporting bracket capscREW (tapered section) (Used prior to tractor #15730)
	631665	4	BLOCK, tapped, supporting bracket capscREW (straight section) (Effective with tractor #15730)
	035018	4	CAPSCREW, 1/2"NF x 1-1/2" (Used prior to tractor #15730)
15	035073	4	CAPSCREW, 1/2"NF x 1-3/4" (Effective with tractor #15730)
	904208	4	LOCKWASHER, 1/2"

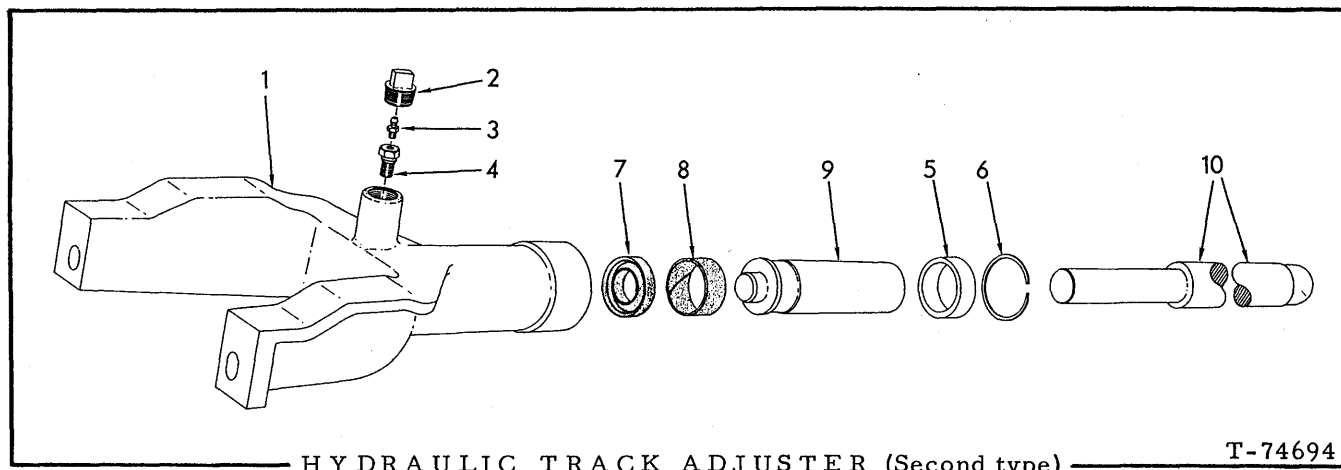


HYDRAULIC TRACK ADJUSTER

T-32093

USAGE: Special equipment. Used prior to July 1968

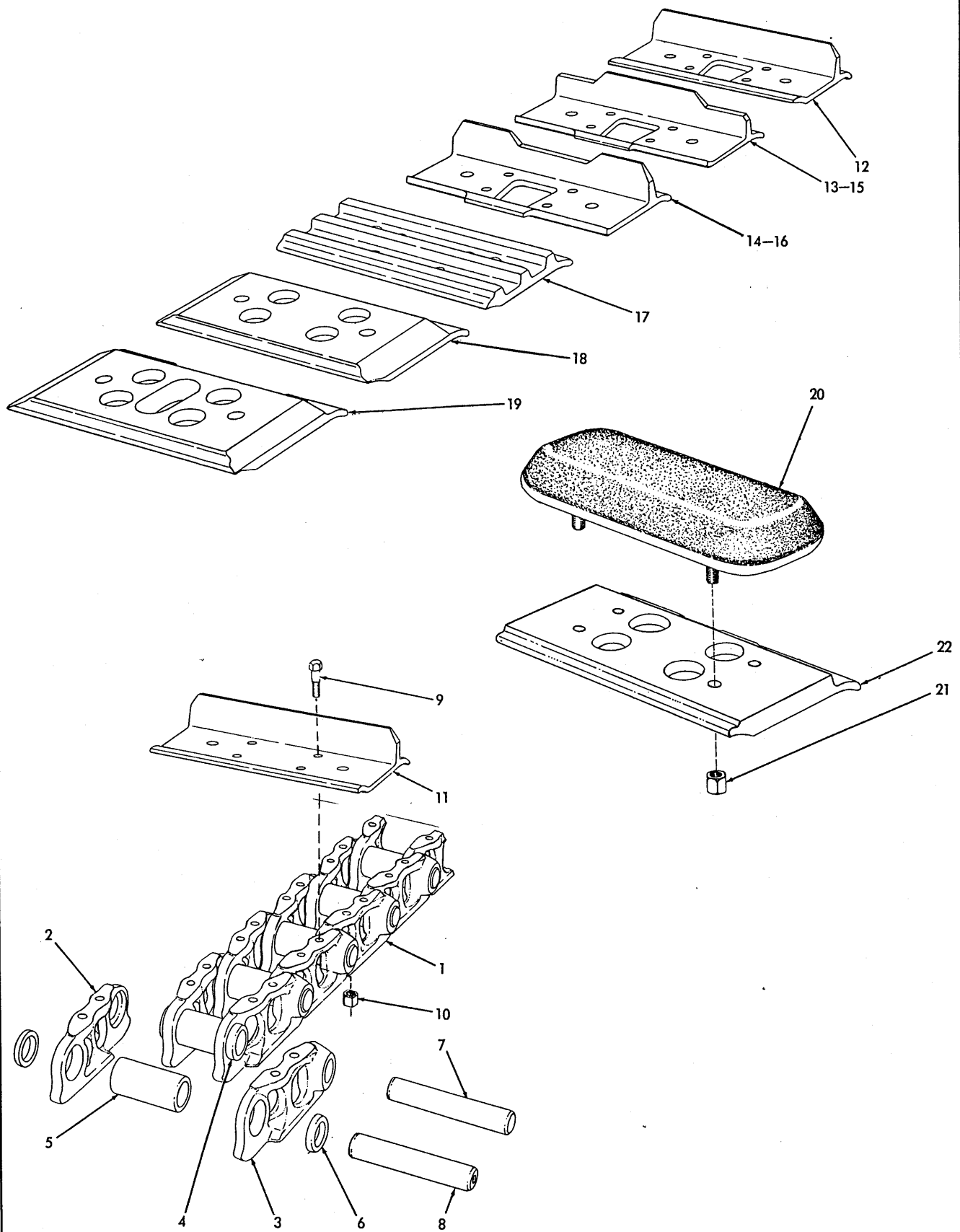
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	YOKE ASSEMBLY (Includes items 2 thru 4 and FITTINGS indented below) (Order YOKE ASSEMBLY 666406)
	915275	2	FITTING, lubricating, 65°, 1/8"NPT
2	628915	2	VALVE ASSEMBLY, check (Serviced only as a unit)
	918188	2	FITTING, 90°, 1/4"-28 thread (Early units)
	666407	2	FITTING, straight, 1/4"-28 thread (Late units)
3	628931	2	SEAL, piston
4	628930	2	PISTON, adjusting
5	624665	2	BAR, push (9-1/2" long)(For Model HD6A, B, AG tractors equipped with 34-link track)
	624666	2	BAR, push (19-1/4" long)(For tractors prior to #15730 equipped with 37-link track)
	633828	2	BAR, push (15-1/8" long)(For tractors #15730 and up equipped with 37-link track)
	665189	2	BAR, push (25-3/4" long)(For Model HD6B, E tractors equipped with special 39-link track)



USAGE: Special equipment. Effective July 1968.

* Early type. Piston has 7-5/8" bore-depth.
 ** Late type. Piston has 3-1/2" bore-depth.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	2	-	YOKE ASSEMBLY (Order 666406 and appropriate 4-1/8" shorter bar (item 10))
	666406	-	2	YOKE ASSEMBLY (Includes item 2 thru 9)
2	666367	2	2	PLUG, yoke
3	666407	2	2	FITTING, pressurizing
4	628915	2	2	VALVE ASSEMBLY, check (Serviced only as a unit)
5	665134	2	2	RING, wear, release yoke
6	624690	2	2	RING, snap
7	628931	2	2	SEAL, piston
8	665133	2	2	RING, wear, adjusting piston
9	-----	2	-	PISTON, adjusting (Order 666408 and appropriate 4-1/8" shorter bar (item 10))
	666408	-	2	PISTON, adjusting
10	665188	2	-	BAR, push (9-1/2" long)
	666368	-	2	BAR, push (5-3/8" long)
	665298	2	-	BAR, push (19-1/4" long)
	666402	-	2	BAR, push (15-1/8" long)
	665186	2	-	BAR, push (15-1/8" long)
	666369	-	2	BAR, push (11" long)
	665189	2	-	BAR, push (25-3/4" long)
	666370	-	2	BAR, push (21-5/8" long)
				For units with 34-link track
				For tractors prior to #15730 with 37-link track
				For tractors #15730 and up with 37-link track
				For units equipped with special 39-link track



TRACK

T-11615

TRACK

USAGE: Tractors prior to serial No. 18541

* Standard HD6A, B (34-link track)
 ** Standard HD6E; Special HD6A, B (37-link track)
 *** Special HD6B, E (39-link track)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	091200	2	-	-	CHAIN ASSEMBLY (34 links)(Consists of items 2 thru 8)
	088035	-	2	-	CHAIN ASSEMBLY (37 links)(Consists of items 2 thru 8)
	087192	-	-	2	CHAIN ASSEMBLY (39 links)(Consists of items 2 thru 8)
2	078835	68	74	78	BAR, left
3	078836	68	74	78	BAR, right
4	086509	66	72	76	BUSHING (4-3/4" long)
5	079617	2	2	2	BUSHING, master (4" long)
6	086532	4	4	4	SPACER, master bushing
7	079616	66	72	76	PIN
8	621298	2	2	2	PIN, master
9	644667	272	296	312	BOLT, track shoe (1/2"NF x 1-11/16")(For Grouser Shoes only)
	644668	272	296	312	BOLT, track shoe (1/2"NF x 1-13/16")(For Flat, Semi-Grouser and Rubber Faced Shoes)
	658097	272	296	312	BOLT, track shoe (1/2"NF x 1-13/16", thin-hd.)(For Rubber-Faced Shoes)
10	084971	272	296	312	NUT, high, 1/2"NF
					TRACK SHOES

NOTE: Track shoes over 13" wide cannot
be used on Model HD6A

COMPLETE TRACK ASSEMBLIES
 WITH SHOES (2 Required)
 * ** ***
 (34 links) (37 links) (39 links)
 (See NOTE) (See NOTE) (See NOTE)

11	054964	68	74	78	SHOE, grouser, 7"	-----
	051359	68	74	78	SHOE, grouser, 13"	647020
	055019	68	74	78	SHOE, grouser, 15"	-----

(Continued)

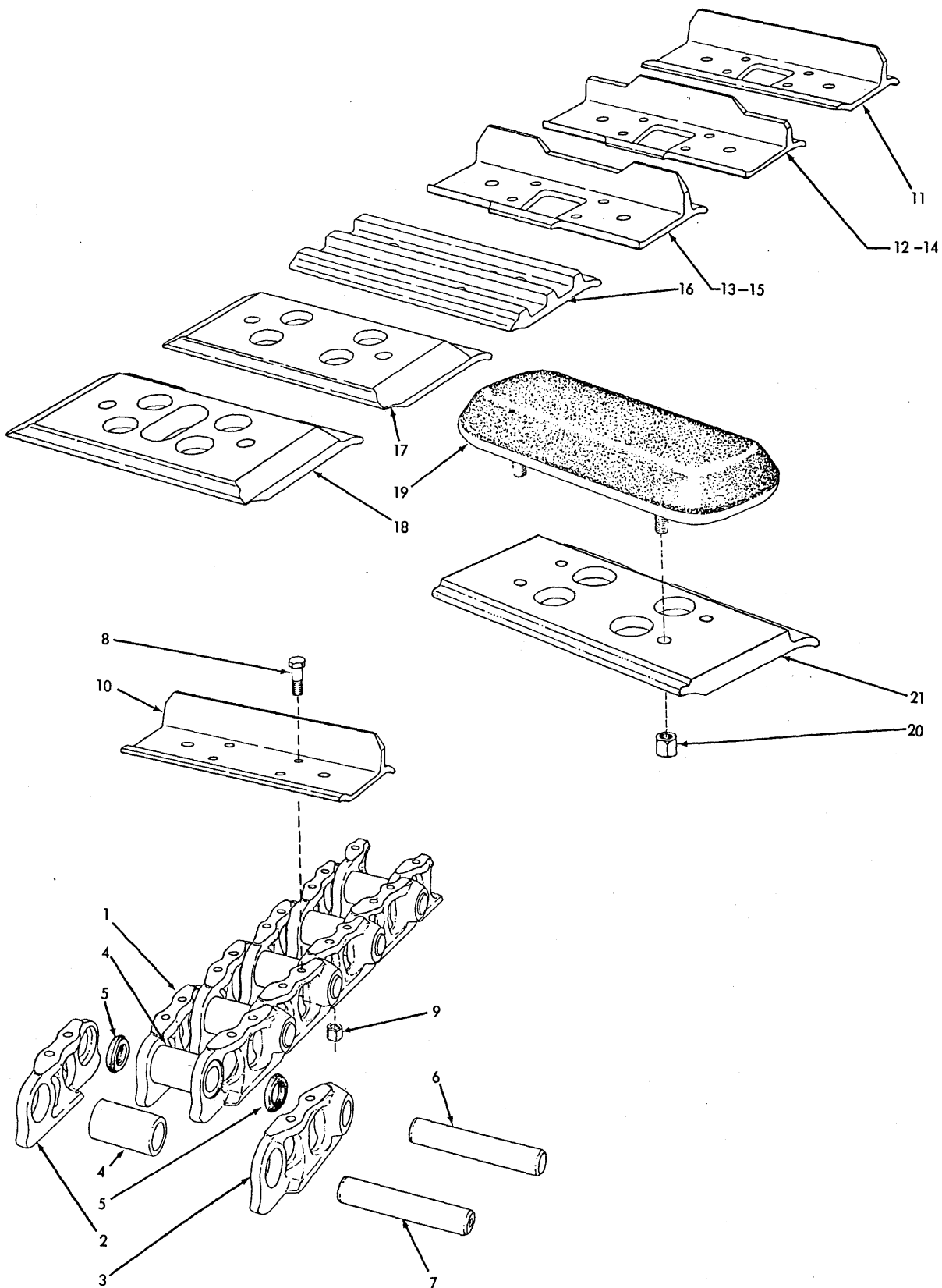
TRACK (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION	COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)		
		*	**	***		*	**	***
					TRACK SHOES (Continued)	(34 links)	(37 links)	(39 links)
						(See NOTE)	(See NOTE)	(See NOTE)
11	054973	68	74	78	SHOE, grouser, heat treated, 13"	-----	-----	-----
	055026	68	74	78	SHOE, grouser, heat treated, 15"	-----	-----	-----
	055073	68	74	78	SHOE, grouser, heat treated, 16"	-----	088017	-----
	055113	68	74	78	SHOE, grouser, heat treated, 18"	-----	-----	-----
	055144	68	74	78	SHOE, grouser, heat treated, 20"	648274	647005	647980
	081894	68	74	78	SHOE, grouser, heat treated, 22"	-----	-----	-----
	055189	68	74	78	SHOE, grouser, heat treated, 24"	-----	648301	647036
12	631334	68	74	78	SHOE, grouser, heat treated, 26"	-----	-----	647032
	055012	68	74	78	SHOE, grouser, open center, 13"	-----	-----	-----
	055037	68	74	78	SHOE, grouser, open center, 15"	-----	-----	-----
	055089	68	74	78	SHOE, grouser, open center, 16"	-----	-----	-----
13	055125	68	74	78	SHOE, grouser, open center, 18"	-----	-----	-----
	099148	34	38	40	SHOE, grouser, snow and ice, } single calk, open center, 13" }	-----	-----	-----
	099147	34	36	38	SHOE, grouser, snow and ice, } double calk, open center, 13" }	-----	-----	-----
	099146	34	38	40	SHOE, grouser, snow and ice, } single calk, open center, 16" }	-----	-----	-----
16	099145	34	36	38	SHOE, grouser, snow and ice, } double calk, open center, 16" }	-----	-----	-----
	098462	68	74	78	SHOE, semi-grouser, 13"	-----	-----	098476
	098484	68	74	78	SHOE, semi-grouser, 15"	-----	650358	-----
17	098175	68	74	78	SHOE, semi-grouser, open center, 13"	-----	-----	-----

(Continued)

18	064241	68	74	78	SHOE, flat, 13"	-----	
19	064242	68	74	78	SHOE, flat, open center, 13"	-----	
20	081966	68	74	78	PAD, rubber-faced, 13"	----- 647011. . .----- 647012	
21	084971	136	148	156	NUT, high, 1/2"NF		
22	{	080773	68	74	78	SHOE, adapting, rubber-faced pad	-----
		638493	-	37	-	SHOE, adapting, rubber-faced pad, left side (7/16" offset)	----- 647011. . .-----
		638494	-	37	-	SHOE, adapting, rubber-faced pad, right side (7/16" offset)	----- 647012. . .-----

NOTE: Complete TRACK ASSEMBLIES with SHOES other than those listed above are furnished only in the sealed-type as listed on page 285.



TRACK (Sealed type)

T-71373

TRACK
(Sealed type)

USAGE: Effective with tractors serial No. 18541

* Standard HD6A, B, AG (34-link track)
 ** Standard HD6E; Special HD6A, B (37-link track)
 *** Special HD6B, E (39-link track)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	647010	2	-	-	CHAIN ASSEMBLY (34 links)(Consists of items 2 thru 7)
	646175	-	2	-	CHAIN ASSEMBLY (37 links)(Consists of items 2 thru 7)
	647030	-	-	2	CHAIN ASSEMBLY (39 links)(Consists of items 2 thru 7)
2	078835	68	74	78	BAR, left
3	078836	68	74	78	BAR, right
4	646013	68	74	78	BUSHING
5	650515	136	148	156	SEAL
6	079616	66	72	76	PIN
7	621298	2	2	2	PIN, master
8	644667	272	296	312	BOLT, track shoe (1/2"NF x 1-11/16")(For grouser shoes only)
	644668	272	296	312	BOLT, track shoe (1/2"NF x 1-13/16")(For flat, semi-grouser and rubber faced shoes)
9	084971	272	296	312	NUT, high, 1/2"NF

TRACK SHOES

COMPLETE TRACK ASSEMBLIES
WITH SHOES (2 Required)

* ** ***
 (34 links) (37 links) (39 links)

NOTE: Track shoes over 13" wide cannot
be used on Model HD6A

10	054964	68	74	78	SHOE, grouser, 7"	
	051359	68	74	78	SHOE, grouser, 13"	647020 ... 646177 ... -----
	055019	68	74	78	SHOE, grouser, 15"	

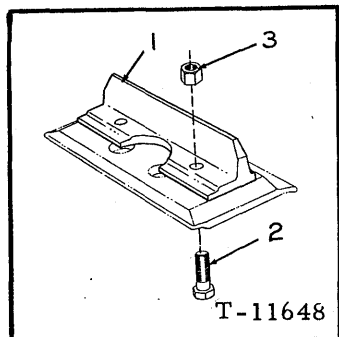
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TRACK (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION	COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)		
		*	**	***		*	**	***
					TRACK SHOES (Continued)	(34 links)	(37 links)	(39 links)
10	054973	68	74	78	SHOE, grouser, heat treated, 13"	650655 ...	650652 ...	-----
	055026	68	74	78	SHOE, grouser, heat treated, 15"			
	055073	68	74	78	SHOE, grouser, heat treated, 16"	647022 ...	647008 ...	-----
	055113	68	74	78	SHOE, grouser, heat treated, 18"	647025 ...	647016 ...	-----
	055144	68	74	78	SHOE, grouser, heat treated, 20"	648274 ...	647005 ...	647980
	081894	68	74	78	SHOE, grouser, heat treated, 22"	----- ...	648290 ...	-----
	055189	68	74	78	SHOE, grouser, heat treated, 24"	----- ...	648301 ...	647036
	631334	68	74	78	SHOE, grouser, heat treated, 26"	----- ...	648296 ...	647032
11	055012	68	74	78	SHOE, grouser, open center, 13"			
	055037	68	74	78	SHOE, grouser, open center, 15"			
	055089	68	74	78	SHOE, grouser, open center, 16"	----- ...	648420 ...	-----
	055125	68	74	78	SHOE, grouser, open center, 18"			
12	099148	34	38	40	SHOE, grouser, snow and ice, } single calk, open center, 13" }	----- ...	648415 ...	-----
13	099147	34	36	38	SHOE, grouser, snow and ice, } double calk, open center, 13" }			
14	099146	34	38	40	SHOE, grouser, snow and ice, single calk, open center, 16"			
15	099145	34	36	38	SHOE, grouser, snow and ice, double calk, open center, 16"			
16	098462	68	74	78	SHOE, semi-grouser, 13"	----- ...	647002 ...	-----
	098484	68	74	78	SHOE, semi-grouser, 15"	----- ...	650358 ...	-----
	098175	68	74	78	SHOE, semi-grouser, open center, 13"			
	658571	68	74	78	SHOE, semi-grouser, open center, 24"	----- ...	658578 ...	-----

17	{	064241	68	74	78	SHOE, flat, 13"			
		064243	68	74	78	SHOE, flat, 15"			
18	{	064242	68	74	78	SHOE, flat, cut-out, 13"			
		064244	68	74	78	SHOE, flat, cut-out, 15"			
19		081966	68	74	78	PAD, rubber-faced, 13"		651515 ...	651518 ... -----
									647011
20		084971	136	148	156	NUT, high, 1/2"NF			647012
	{	080773	68	74	78	SHOE, adapting, rubber-faced pad	651515	651518	
21	{	638493	-	37	-	SHOE, adapting, rubber-faced pad, left side (7/16" offset) ..-----		647011 ...	-----
		638494	-	37	-	SHOE, adapting, rubber-faced pad, right side (7/16" offset) ..-----		647012 ...	-----

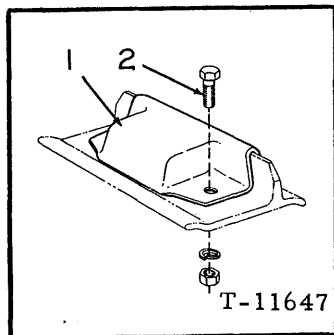
NOTE: Complete TRACK ASSEMBLIES with SHOES are furnished only in sizes and types as listed. Assemblies other than those listed may be made up in the field by ordering the various components.



GROUSERS

USAGE: Special equipment. For flat and semi-grouser shoes. Quantities indicated are for one (1) track shoe only

ITEM	PART NO.	QTY.	DESCRIPTION
1	064272	1	GROUSER, snow and ice, 11"
	064273	1	GROUSER, snow and ice, 13"
2	013465	2	CAPSCREW, 3/4"NF x 2-1/2"
3	012767	2	NUT, high, 3/4"NF



STREET PLATE

USAGE: Special equipment. For grouser track shoes. Quantities indicated are for one (1) track shoe only

1	036245	1	PLATE, street
2	035014	2	CAPSCREW, 5/8"NF x 1-1/2"
	904209	2	LOCKWASHER, 5/8"
	911044	2	NUT, 5/8"NF

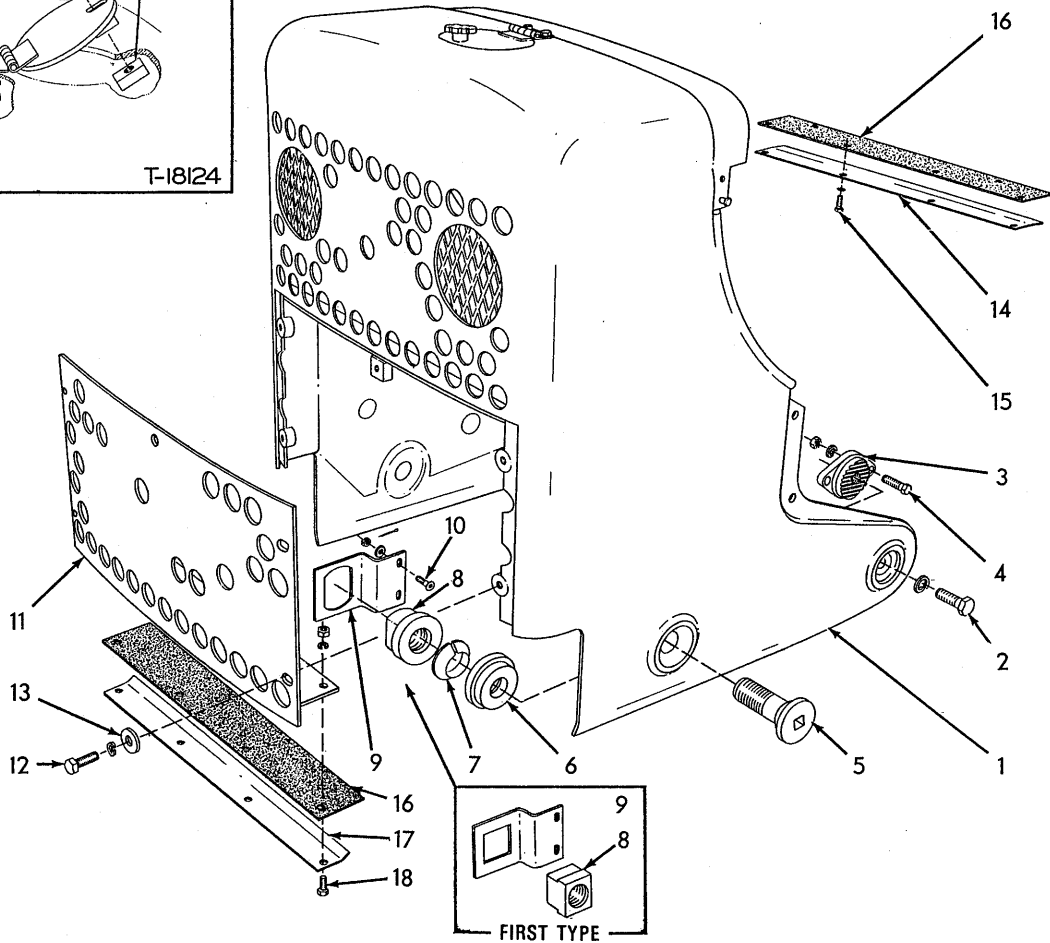
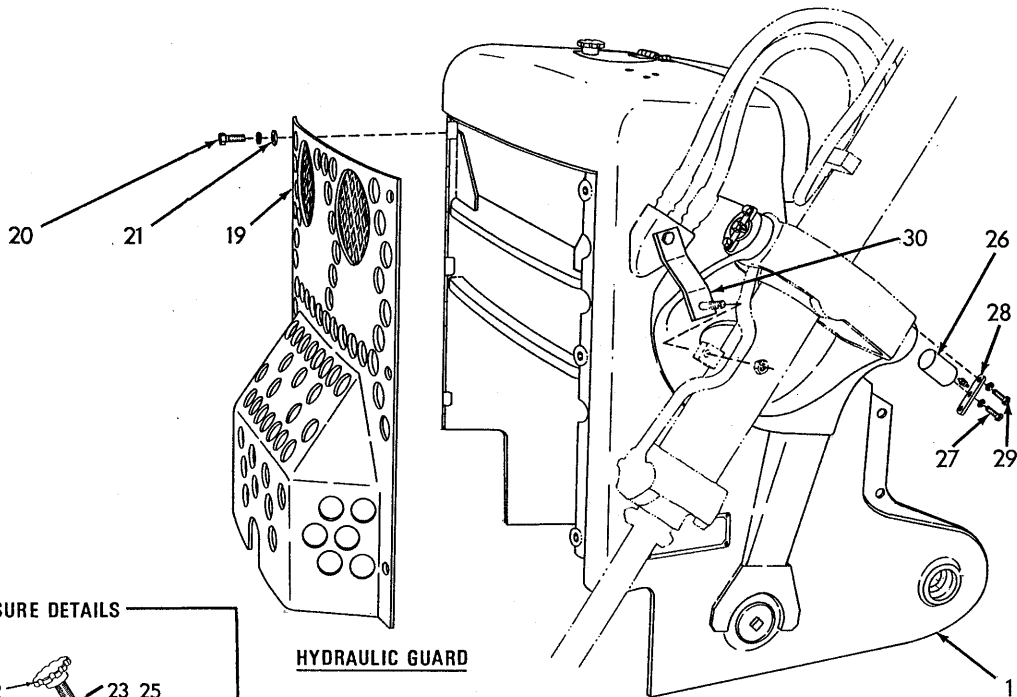
MEMO

RADIATOR SHELL

USAGE: Standard equipment. Also see page 293 for optional wrap-around radiator guard.

*Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484. Not for Model HD6B equipped with special turbocharger.
 ** Model HD6E tractors serial No. 14484 and up; also Model HD6B equipped with special turbocharger.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	649245	1	-	SHELL, radiator (If for first replacement on tractors prior to #19291 also order KIT 645765)
	627259	-	1	SHELL, radiator (Used prior to tractor #19291)
	649244	-	1	SHELL, radiator (Effective with tractor #19291)
2	093061	4	4	CAPSCREW, drilled end, 1/2"NF x 2"
	900818	4	4	WASHER, plain, U. S. std., 1/2"
	916009	8	8	WASHER, shimming (1/32" thick. Use as required)
	910867	4	4	NUT, slotted, 1/2"NF
	900806	4	4	PIN, cotter, 1/8" x 1"
3	093054	4	4	WASHER, shell mounting (rubber)
4	093055	2	2	PAD, shell mounting (rubber)
5	628576	1	1	CABLE, shell grounding
	906960	1	1	LOCKWASHER, int-tooth, 3/8"
6	906961	1	1	LOCKWASHER, int-tooth, 1/2"
	035979	1	1	CAPSCREW, 3/8"NF x 5/8" (Early units)
	916268	1	1	CAPSCREW, 3/8"NC x 5/8" (Late units)
	904206	1	1	LOCKWASHER, 3/8"
7	605807	1	1	CABLE, guard grounding
	915406	2	2	CAPSCREW, 1/4"NC x 3/4"
	909367	2	2	LOCKWASHER, internal teeth, 1/4"
	904204	2	2	LOCKWASHER, regular, 1/4"
	911024	2	2	NUT, 1/4"NC
8	057605	2	2	CAPSCREW, radiator grille hinge (1/2"NF x 2-3/4")
	904208	2	2	LOCKWASHER, 1/2"
	911043	2	2	NUT, 1/2"NF
9	090062	1	-	GUARD, radiator
	624354	-	1	GUARD, radiator
10	054899	1	1	PIN, grille latching (plain hole)
11	096456	1	1	YOKE, grille latching
	917648	1	1	PIN, yoke, 1/2" diam.
	910967	1	1	PIN, cotter, 1/8" x 7/8"
	904208	1	1	LOCKWASHER, 1/2"
	911043	1	1	NUT, 1/2"NF
12	-----	-	-	TRANSFER (See PAINTING AND MARKING)



T-19694

WRAP-AROUND RADIATOR GUARD

USAGE: Optional equipment

* Plain type. Models HD6A, B; also Model HD6E tractors prior to serial No. 14484.

** Plain type. Model HD6E tractors serial No. 14484 and up.

Δ Hydraulic type. Models HD6A, B; also Model HD6E tractors prior to serial No. 14484.

ΔΔ Hydraulic type. Model HD6E tractors serial No. 14484 and up.

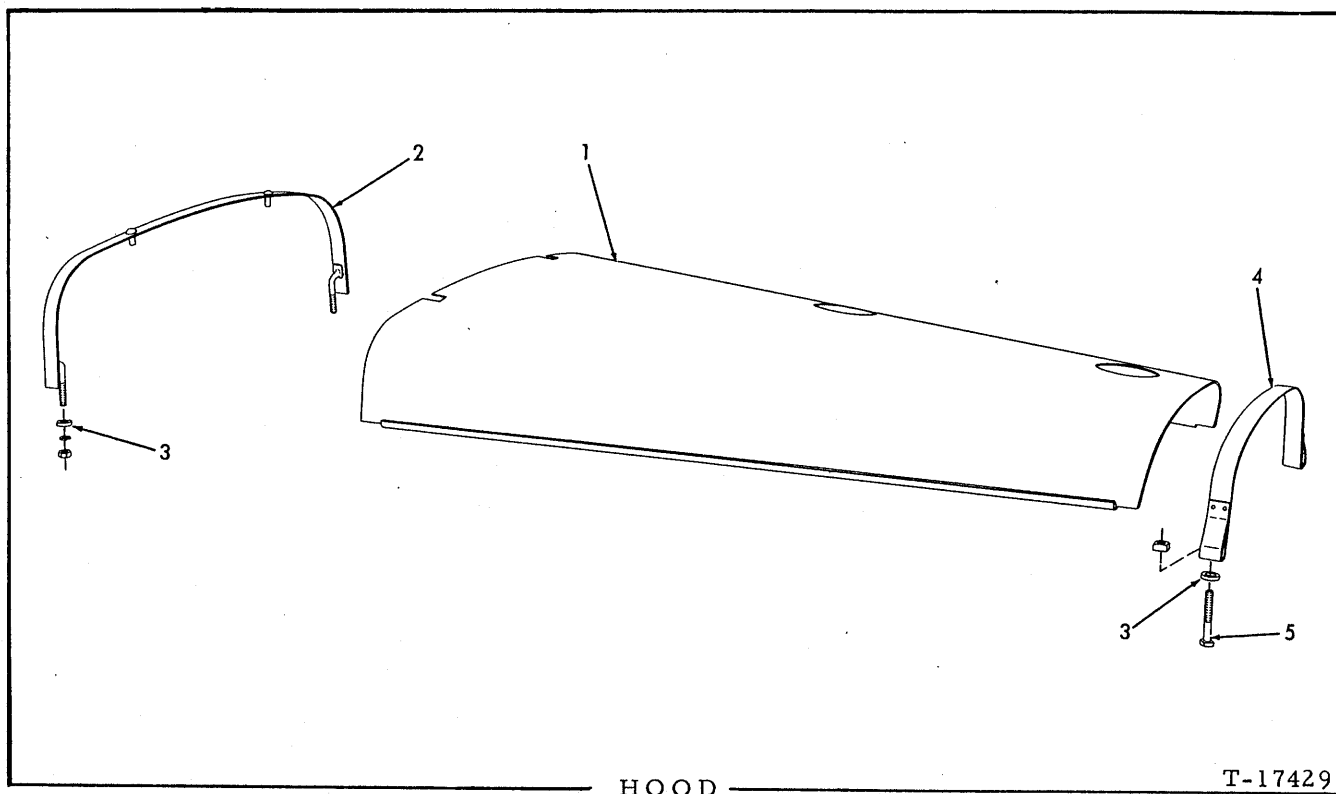
ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	Δ	ΔΔ	
1	087927	1	-	-	-	GUARD, radiator
	624544	-	1	-	-	GUARD, radiator
	648266	-	-	1	-	GUARD, radiator
	624537	-	-	-	1	GUARD, radiator
2	916330	2	2	2	2	CAPSCREW, 3/4"NF x 2"
	904369	2	2	2	2	LOCKWASHER, 3/4"
3	089255	2	2	2	2	BLOCK, tapped, guard attaching
4	916313	4	4	4	4	CAPSCREW, 1/2"NC x 1-3/4"
	904208	4	4	4	4	LOCKWASHER, 1/2"
	911028	4	4	4	4	NUT, 1/2"NC
5	086835	2	2	2	2	CAPSCREW, guard attaching
6	086836	2	2	2	2	SPACER, guard attaching capscREW
7	086837	2	2	2	2	WASHER, cone, guard attaching capscREW
8	-----	2	2	2	2	NUT, guard attaching capscREW (square)(Used prior to tractor #15185. Order NUT 631553 and LOCK 631554)
	631553	-	2	2	2	NUT, guard attaching capscREW (Effective with tractor #15185)
9	089592	2	2	2	2	LOCK, guard attaching nut (For square nut)(Used prior to tractor #15185)
	631554	-	2	2	2	LOCK, guard attaching nut (Effective with tractor #15185)
10	091090	4	4	4	4	CAPSCREW, flat-socket-hd., 3/8"NF x 1-5/16"
	900817	4	4	4	4	WASHER, plain, U.S. std., 3/8"
	910863	4	4	4	4	NUT, slotted, 3/8"NF
	900802	4	4	4	4	PIN, cotter, 3/32" x 1"
11	624386	-	1	-	-	PLATE, front closure
	096069	1	-	-	-	PLATE, front closure
12	915987	5	7	-	-	CAPSCREW, 1/2"NC x 1-1/2"
	904208	5	7	-	-	LOCKWASHER, 1/2"
13	064531	5	7	-	-	WASHER, plain
14	092022	1	-	1	-	BAFFLE, air, top (2" wide)
	627381	-	1	-	1	BAFFLE, air, top (3" wide)
	627383	-	1	-	1	BAFFLE, air, top (2-5/8" wide)
15	916225	4	4	4	4	CAPSCREW, 3/8"NF x 1"
	904206	4	4	4	4	LOCKWASHER, 3/8"

(Continued)

WRAP-AROUND RADIATOR GUARD (Continued)

ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	Δ	ΔΔ	
16	092021	2	--	1	-	STRIP, sealing, air baffle (rubber, 3-3/4" wide)
	627382	-	2	-	1	STRIP, sealing, air baffle (rubber, 4-3/4" wide)
17	092022	1	-	-	-	BAFFLE, air, bottom (2" wide)
	627381	-	1	-	-	BAFFLE, air, bottom (3" wide)
	627383	-	1	-	-	BAFFLE, air, bottom (2-5/8" wide)
18	916271	4	4	-	-	CAPSCREW, 3/8"NC x 1"
	904206	4	4	-	-	LOCKWASHER, 3/8"
	911026	4	4	-	-	NUT, 3/8"NC
19	094934	-	-	1	-	PLATE, front closure
	624732	-	-	-	1	PLATE, front closure
	621874	-	-	1	-	PLATE, front closure (Permits use of front bumper when hydraulic tank is not installed)
20	915987	-	-	6	7	CAPSCREW, 1/2"NC x 1-1/2"
21	904208	-	-	6	7	LOCKWASHER, 1/2"
	064531	-	-	6	7	WASHER, plain
22	624487	1	1	1	1	KNOB, top closure plate
	910244	1	1	1	1	WASHER, plain, SAE std., 1/2"
	916202	1	1	1	1	PIN, spring, 1/8" x 7/8"
23	091942	1	1	1	1	PLATE, top closure (Includes hinge)
24	035167	2	2	2	2	CAPSCREW, 3/8"NF x 7/8"
	904206	2	2	2	2	LOCKWASHER, 3/8"
	911041	2	2	2	2	NUT, 3/8"NF
25	624488	1	1	1	1	BLOCK, tapped
26	607606	-	-	4	4	PIN, cylinder pivot
	918186	-	-	4	4	FITTING, lubricating, 45°, 1/4"-28 tapered thread
27	916381	-	-	4	4	CAPSCREW, 3/8"NF x 3/4"
	904206	-	-	4	4	LOCKWASHER, 3/8"
28	607617	-	-	4	4	BAR, retaining, cylinder pivot pin
29	916381	-	-	8	8	CAPSCREW, 3/8"NF x 3/4"
	904206	-	-	8	8	LOCKWASHER, 3/8"
30	661934	-	-	2	2	STRAP, cylinder tie-down (Used only when transporting tractor with dozer blade removed)
	916311	-	-	2	2	CAPSCREW, 1/2"NC x 1-1/4"
	904208	-	-	2	2	LOCKWASHER, 1/2"

Used prior to
January 1968

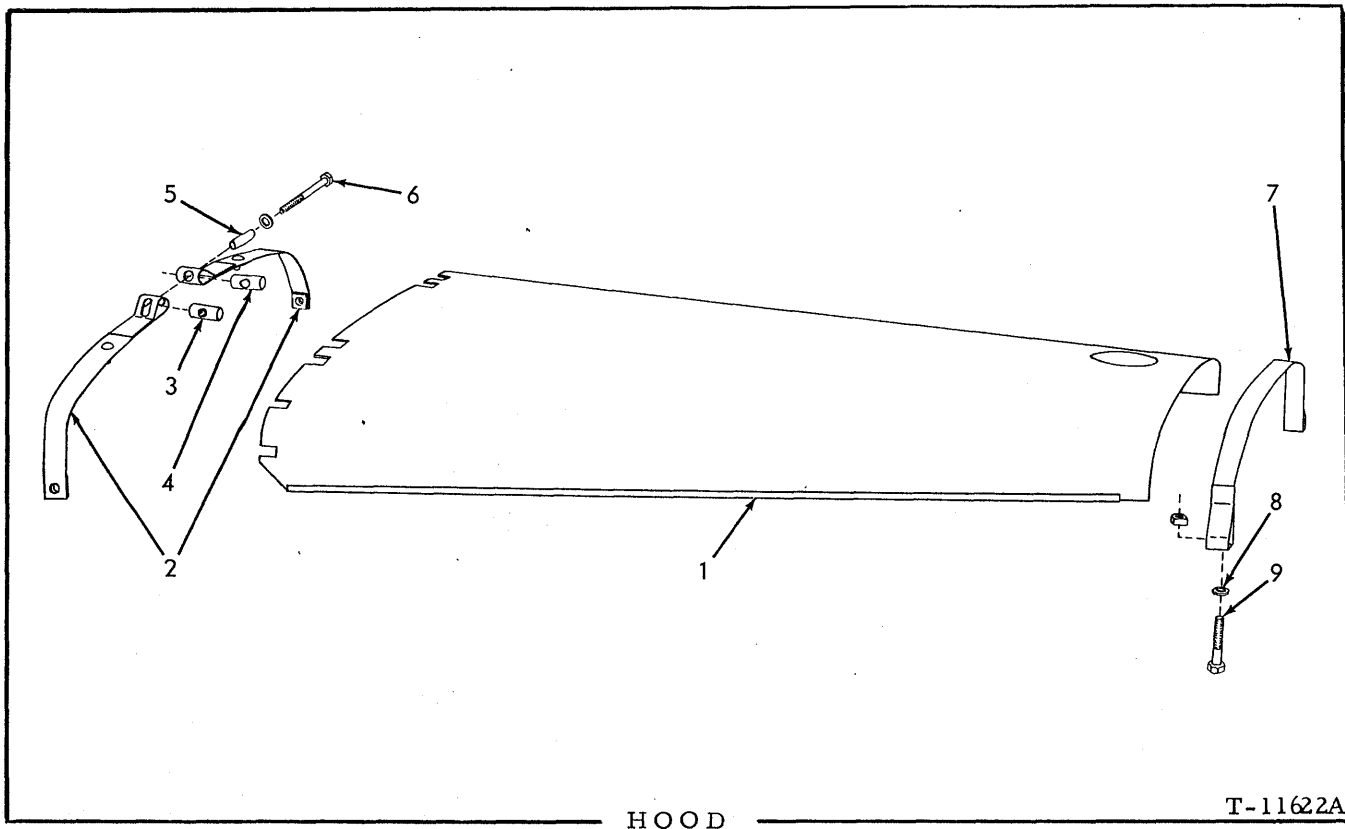


T-17429

USAGE: Standard equipment. See page 296 for hood used with wrap-around radiator guards. See page 297 for special hood used on units equipped with special turbocharger. Also see page 355 for special hood used with Air Pre-Cleaner Extension.

* Models HD6A, B; also HD6E tractors prior to serial No. 14484
 ** Model HD6E tractors serial No. 14484 and up

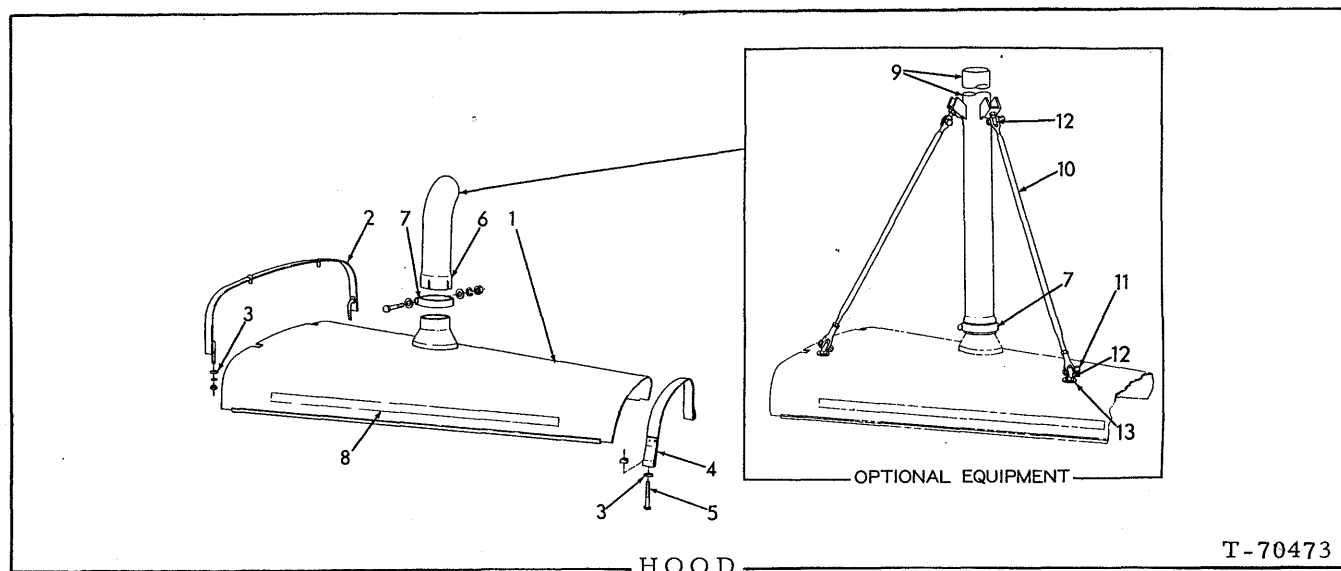
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	085755	1	1	HOOD, engine (Used with oil-bath air cleaner only)
	623661	1	-	HOOD, engine (Used with dry-type air cleaner only)
	624440	-	1	HOOD, engine (Used with dry-type air cleaner only)
2	085716	1	-	STRAP, front
	627303	-	1	STRAP, front
	904206	2	2	LOCKWASHER, 3/8"
	911026	2	2	NUT, 3/8"NC
3	044973	4	4	WASHER, hood strap
4	085628	1	1	STRAP, rear
5	912069	2	2	CAPSCREW, rear hood strap (3/8"NC x 2-1/2")
	900405	2	2	NUT, square, 3/8"NC



USAGE: Optional equipment. For use with wrap-around radiator guards. See page 297 for hood used on turbocharged units. Also see page 355 for special hood used with Air Pre-Cleaner Extension

* Models HD6A,B; also HD6E tractors prior to serial No. 14484
 ** Model HD6E tractors serial No. 14484 and up

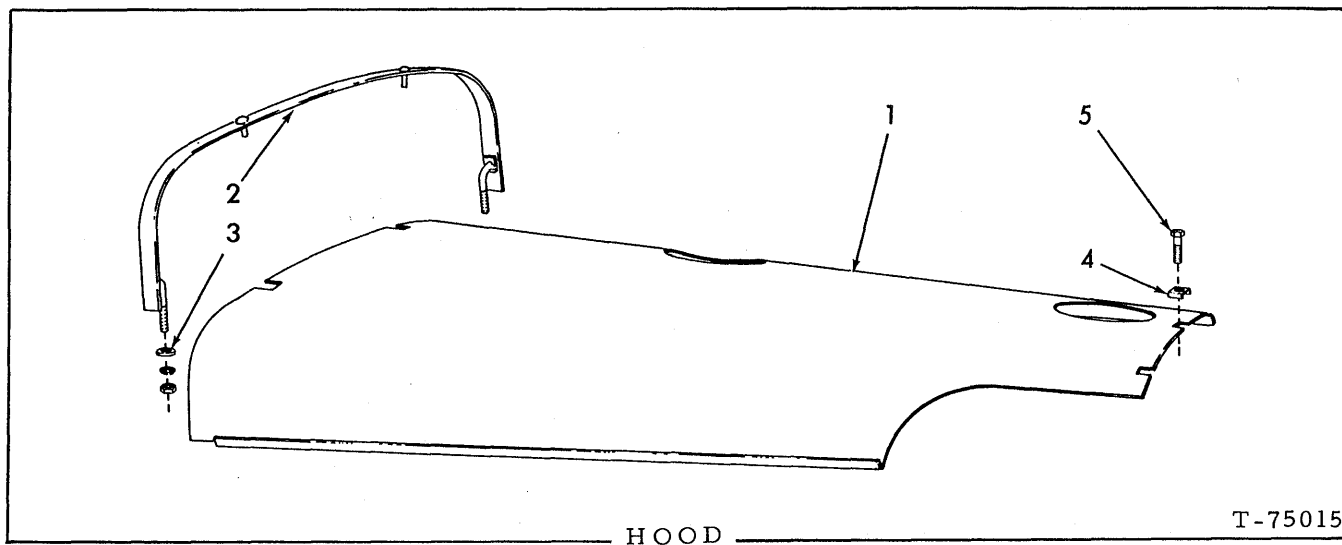
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	086845	1	1	HOOD, engine (Used with oil-bath air cleaner only)
	623695	1	-	HOOD, engine (Used with dry-type air cleaner only)
	624455	-	1	HOOD, engine (Used with dry-type air cleaner only)
2	086849	2	2	STRAP, front
3	050734	1	1	PIN, front strap (threaded hole)
4	050735	1	1	PIN, front strap (plain hole)
5	053667	1	1	SPACER, front strap capscrew
6	086238	1	1	CAPSCREW, front strap
	911115	1	1	WASHER, plain, SAE std., 3/8"
7	085628	1	1	STRAP, rear
8	044973	2	2	WASHER, rear strap bolt
9	912069	2	2	CAPSCREW, rear strap (3/8"NC x 2-1/2")
	900405	2	2	NUT, square, 3/8"NC



T-70473

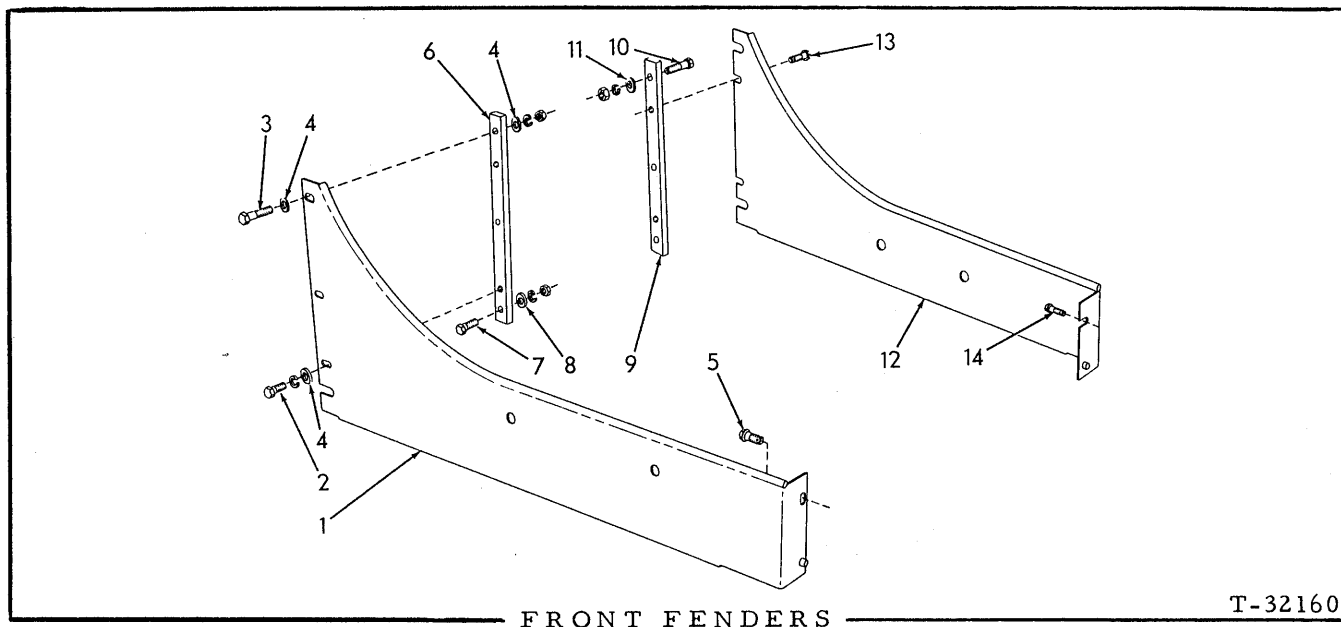
USAGE: For turbocharged units only. Standard on Model HD6AG tractors prior to serial No. 21212

ITEM	PART NO.	QTY.	DESCRIPTION
1	643918	1	HOOD, engine
2	627303	1	STRAP, front (Standard)
	665210	1	STRAP, front (Heavy type. For units with special air and exhaust extension pipes)
	904206	2	LOCKWASHER, 3/8"
	911026	2	NUT, 3/8"NC
3	044973	4	WASHER, hood strap
4	085628	1	STRAP, rear (Standard)
	087233	1	STRAP, rear (Heavy type. For units with special air and exhaust extension pipes)
5	912069	2	CAPSCREW, rear strap (3/8"NC x 2-1/2")
	900405	2	NUT, square, 3/8"NC
6	633994	1	PIPE, exhaust
7	639725	1	CLAMP, exhaust pipe
	920275	1	CAPSCREW, 3/8"NC x 3"
	900817	2	WASHER, plain, U. S. std., 3/8"
	904206	1	LOCKWASHER, 3/8"
	911026	1	NUT, 3/8"NC
8	-----	-	TRANSFER (See PAINTING AND MARKING)
NOTE: Following items are optional equipment			
9	654820	1	TUBE, exhaust extension
10	654815	2	ROD, tube bracing
	911043	2	NUT, 1/2"NF
	917666	2	YOKE, rod end, adjustable
	912192	4	CAPSCREW 1/2"NF x 1-3/4"
11	038234	4	NUT, high 1/2"NF
12	067902	4	BOLT, eye
	911043	8	NUT, 1/2"NF
13	085453	4	WASHER, hood reinforcing



USAGE: Model HD6AG tractors serial No. 21212 and up including 21146, 21155, 21168, 21179, 21190, 21201.

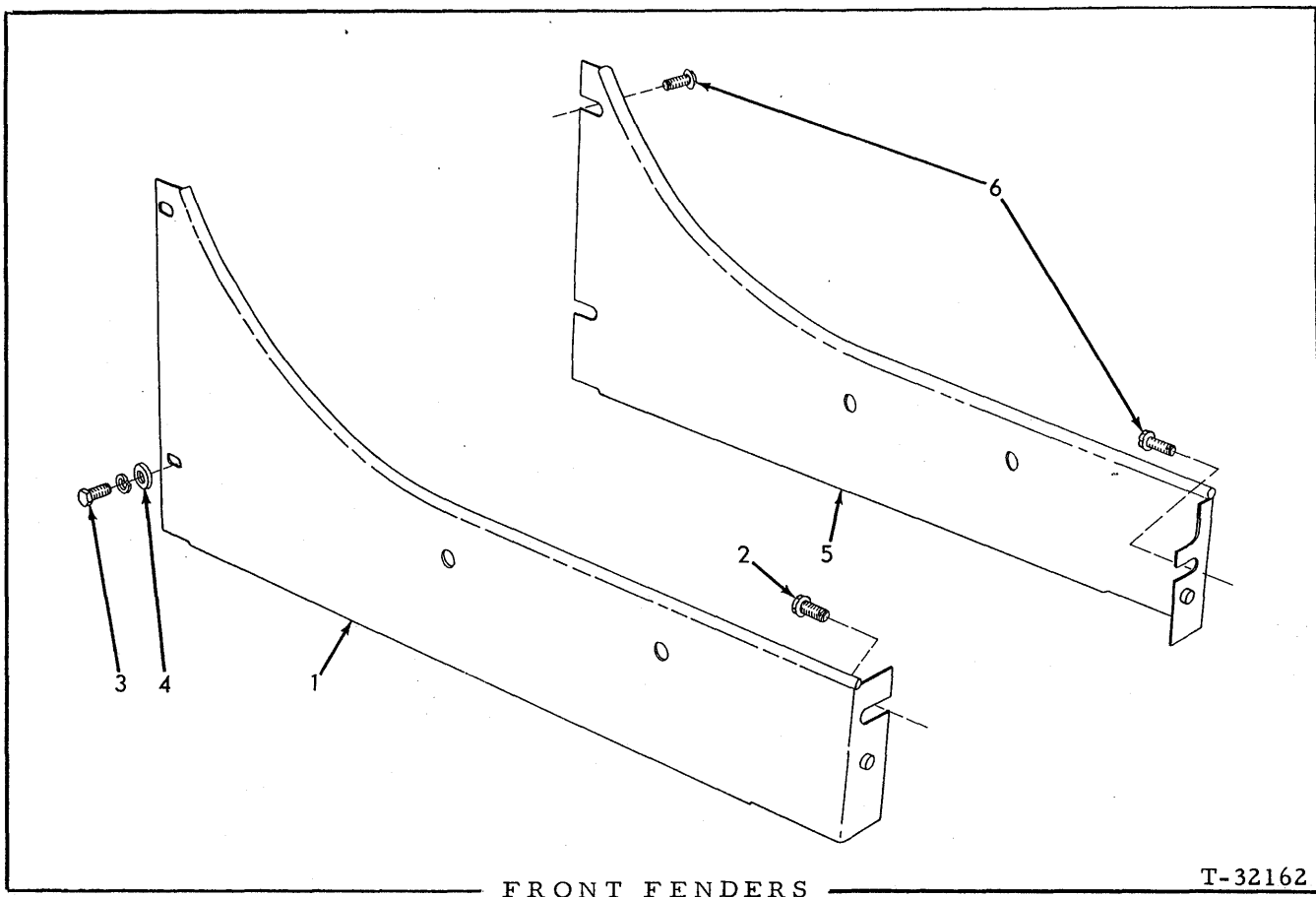
ITEM	PART NO.	QTY.	DESCRIPTION
1	658426	1	HOOD, engine
2	665210	1	STRAP, front
	904206	2	LOCKWASHER, 3/8"
	911026	2	NUT, 3/8"NC
3	044973	2	WASHER, hood strap
4	624416	3	CLIP, hood retaining
	648294	3	CAPSCREW, Nylok, 1/2"NC x 1"



USAGE: Standard equipment on Models HD6A, B; also Model HD6E tractors prior to serial No. 14484

* Tractors prior to serial No. 14142
 ** Tractors serial No. 14142 and up. Not used on HD6B with special turbocharger

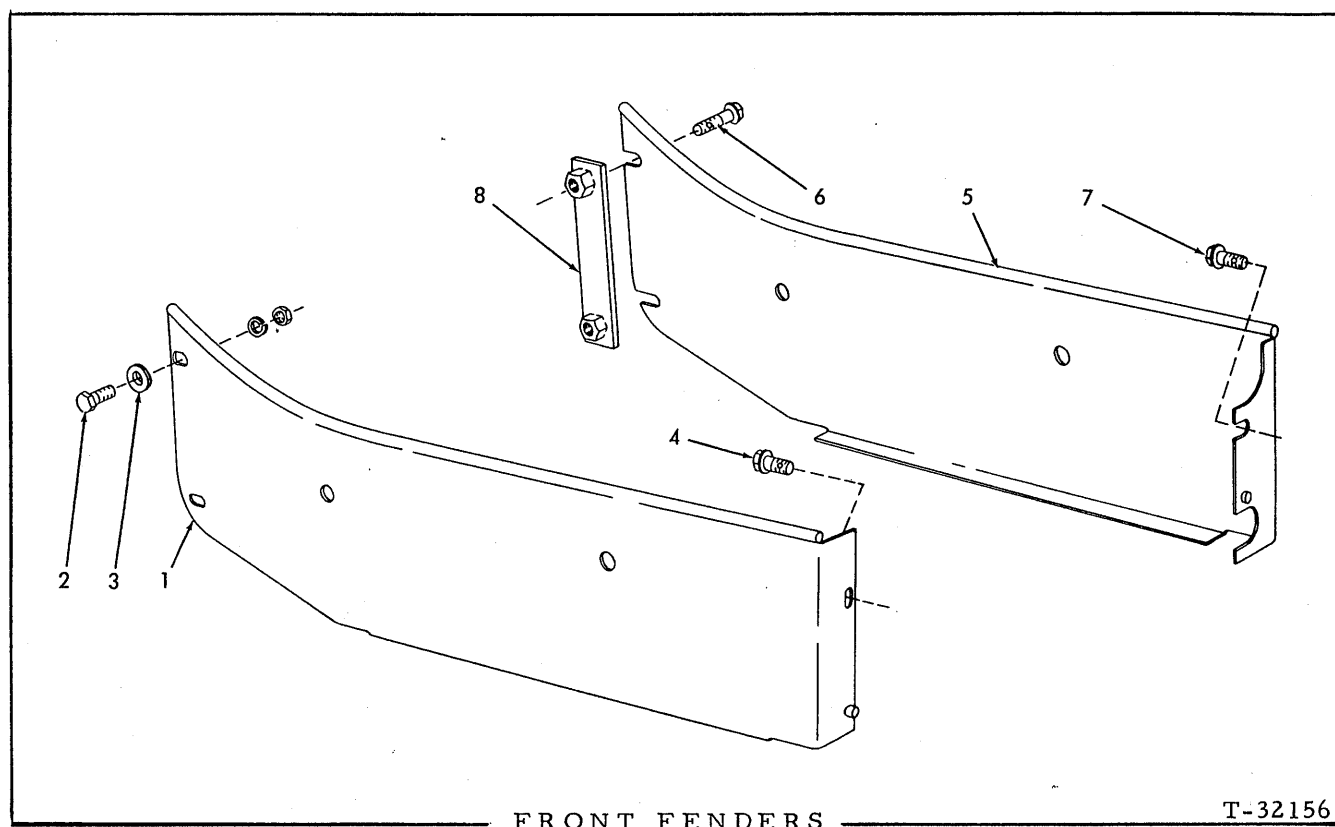
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	087543	1	1	FENDER, left side
2	919190	1	1	CAPSCREW, 1/2"NF x 1-3/8"
3	916315	2	2	CAPSCREW, 1/2"NC x 2-1/4"
4	064531	5	5	WASHER, plain
	904208	3	3	LOCKWASHER, 1/2"
	911028	2	2	NUT, 1/2"NC
5	624418	1	1	CAPSCREW, Nylok, 1/2"NF x 3/4" (Early units)
	648238	-	1	CAPSCREW, Nylok, 1/2"NC x 3/4" (Late units)
6	623821	1	1	BAR, spacing, left fender
7	916313	1	1	CAPSCREW, 1/2"NC x 1-3/4"
8	064531	1	1	WASHER, plain
	904208	1	1	LOCKWASHER, 1/2"
	911028	1	1	NUT, 1/2"NC
9	089303	1	-	BAR, spacing, right fender
	623821	-	1	BAR, spacing, right fender
10	916313	-	2	CAPSCREW, 1/2"NC x 1-3/4"
11	064531	-	2	WASHER, plain
	904208	-	2	LOCKWASHER, 1/2"
	911028	-	2	NUT, 1/2"NC
12	087544	1	-	FENDER, right side
	623823	-	1	FENDER, right side
13	916315	3	-	CAPSCREW, 1/2"NF x 2-1/4"
	064531	6	-	WASHER, plain
	904208	3	-	LOCKWASHER, 1/2"
	911043	3	-	NUT, 1/2"
	624418	-	2	CAPSCREW, Nylok, 1/2"NF x 3/4"
14	624418	1	1	CAPSCREW, Nylok, 1/2"NF x 3/4" (Early units)
	648238	-	1	CAPSCREW, Nylok, 1/2"NC x 3/4" (Late units)



USAGE: Standard equipment on Model HD6AG; also used on HD6E tractors serial No. 14484 and up.
See page 301 for optional fenders used with Wrap-Around Radiator Guards.

* Model HD6E
** Model HD6AG

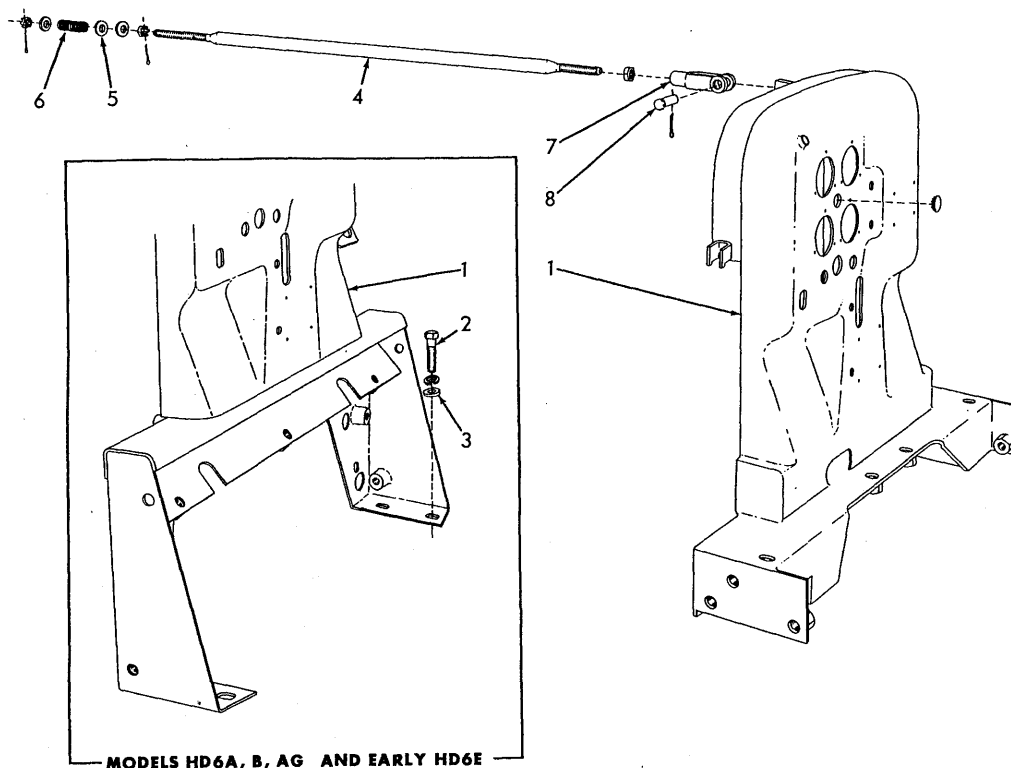
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	628081	1	-	FENDER, left side
	645930	-	1	FENDER, left side
2	624418	1	-	CAPSCREW, Nylok, 1/2"NF x 3/4"
	648294	-	1	CAPSCREW, Nylok, 1/2"NC x 1"
3	913249	2	2	CAPSCREW, 1/2"NF x 1-1/4"
	904208	2	2	LOCKWASHER, 1/2"
4	064531	2	2	WASHER, plain
5	628082	1	-	FENDER, right side
	623823	-	1	FENDER, right side
6	624418	3	2	CAPSCREW, Nylok, 1/2"NF x 3/4"
	648294	-	1	CAPSCREW, Nylok, 1/2"NC x 1"



USAGE: Optional equipment. Required when Wrap-Around Radiator Guard is used in place of standard Radiator Shell.

* Tractors prior to serial No. 14071
 ** Tractors serial No. 14071 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	086847	1 1	FENDER, left side (Models HD6A, B; also Model HD6E tractors prior to #14484)
	630195	- 1	FENDER, left side (Model HD6E tractors #14484 and up)
2	915987	2 2	CAPSCREW, 1/2"NC x 1-1/2"
3	064531	2 2	WASHER, plain
	904208	2 2	LOCKWASHER, 1/2"
	911028	2 2	NUT, 1/2"NC
	623820	1 1	CAPSCREW, Nylok, 1/2"NF x 1"
5	620282	1 1	FENDER, right side (Models HD6A, B; also Model HD6E tractors prior to #14484)
	630196	- 1	FENDER, right side (Model HD6E tractors #14484 and up)
6	915987	2 -	CAPSCREW, 1/2"NC x 1-1/2"
	064531	2 -	WASHER, plain
	904208	2 -	LOCKWASHER, 1/2"
	911028	2 -	NUT, 1/2"NC
	623696	- 2	CAPSCREW, Nylok, 1/2"NF x 1-1/4" (Early units)
	648253	- 2	CAPSCREW, Nylok, 1/2"NC x 1-1/4" (Late units)
7	614478	1 -	CAPSCREW, 1/2"NF x 1-3/8"
	904208	1 -	LOCKWASHER, 1/2"
	064531	1 -	WASHER, plain
	623696	- 1	CAPSCREW, Nylok, 1/2"NF x 1-1/4" (Early units)
	648253	- 1	CAPSCREW, Nylok, 1/2"NC x 1-1/4" (Late units)
8	648254	- 1	PLATE, nut, right fender



* Models HD6A, B; also Model HD6E tractors prior to serial No. 14484.
 ** Model HD6E tractors serial No. 14484 and up
 *** Model HD6AG

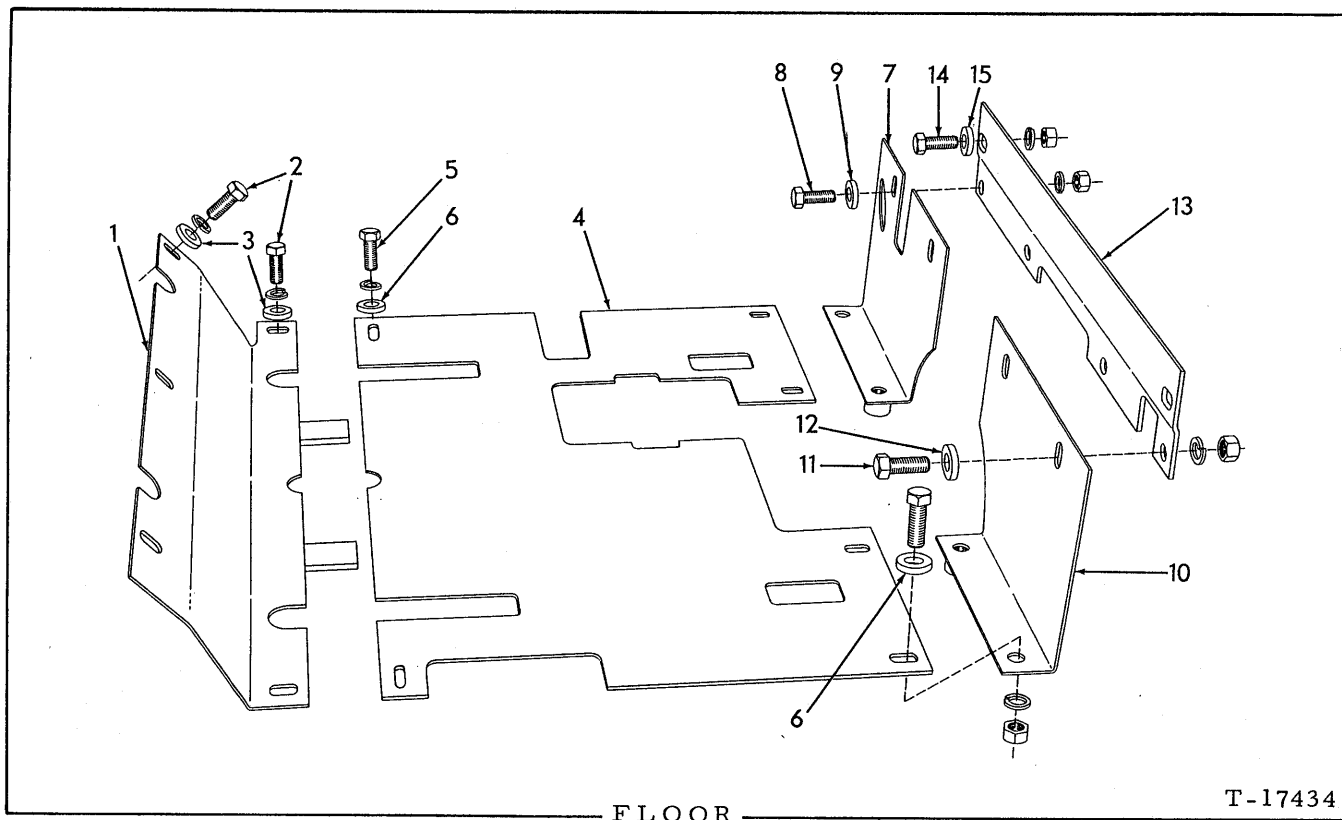
ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	648237	1	-	-	COWL (If for tractors prior to #14666 and equipped with oil-bath air cleaner, also order 1 BRACKET 628048, 4 CAPSCREWS 036034, 4 WASHERS 044973 and 4 LOCKWASHERS 904206)(Not for units equipped with Turbocharger)
	624730	-	1	-	COWL (Not for units equipped with special Turbocharger)
	648242	-	-	1	COWL (Tractors prior to #21212 excluding 21146, 21155, 21168, 21179, 21190, 21201)
	666491	-	-	1	COWL (Tractors #21212 and up including 21146, 21155, 21168, 21179, 21190, 21201)
	650377	-	1	-	COWL (For units with special turbocharger)
2	921113	2	2	-	PLUG, button, 11/16" hole-diam.
	913105	4	-	-	CAPSCREW, 1/2"NF x 1-1/2"
	904208	4	-	-	LOCKWASHER, 1/2"
3	064531	4	-	-	WASHER, plain

(Continued)

COWL (Continued)

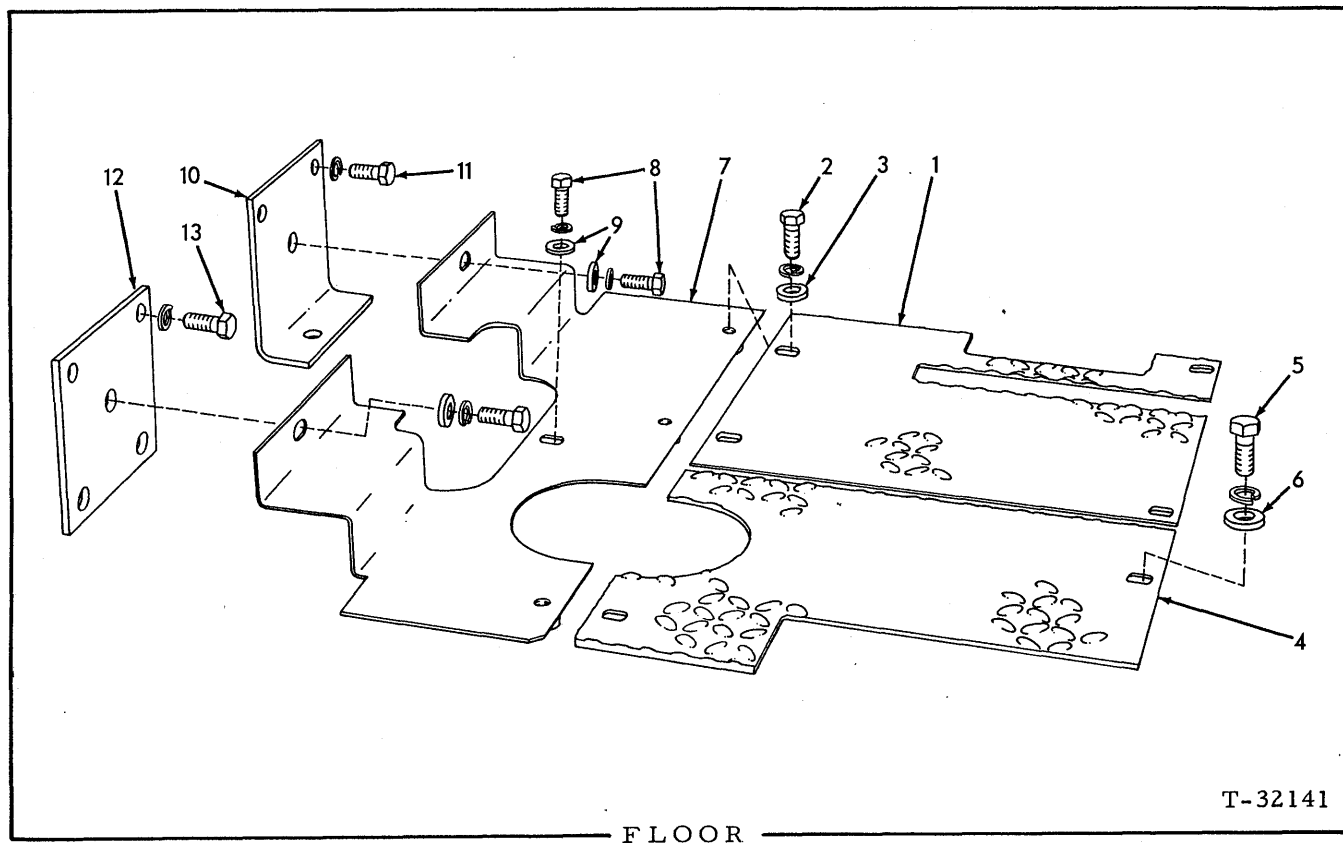
ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
4	629289	-	1	1	ROD, bracing
	913830	-	1	1	NUT, jam, 1/2"NF (rear end)
	910867	-	2	2	NUT, slotted, 1/2"NF (front end)
	900806	-	2	2	PIN, cotter, 1/8" x 1"
5	064531	-	3	3	WASHER, bracing rod
6	074960	-	1	1	SPRING, bracing rod
7	068389	-	1	1	YOKE, bracing rod
8	049993	-	1	1	PIN, bracing rod yoke
	910967	-	1	1	PIN, cotter, 1/8" x 7/8"

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



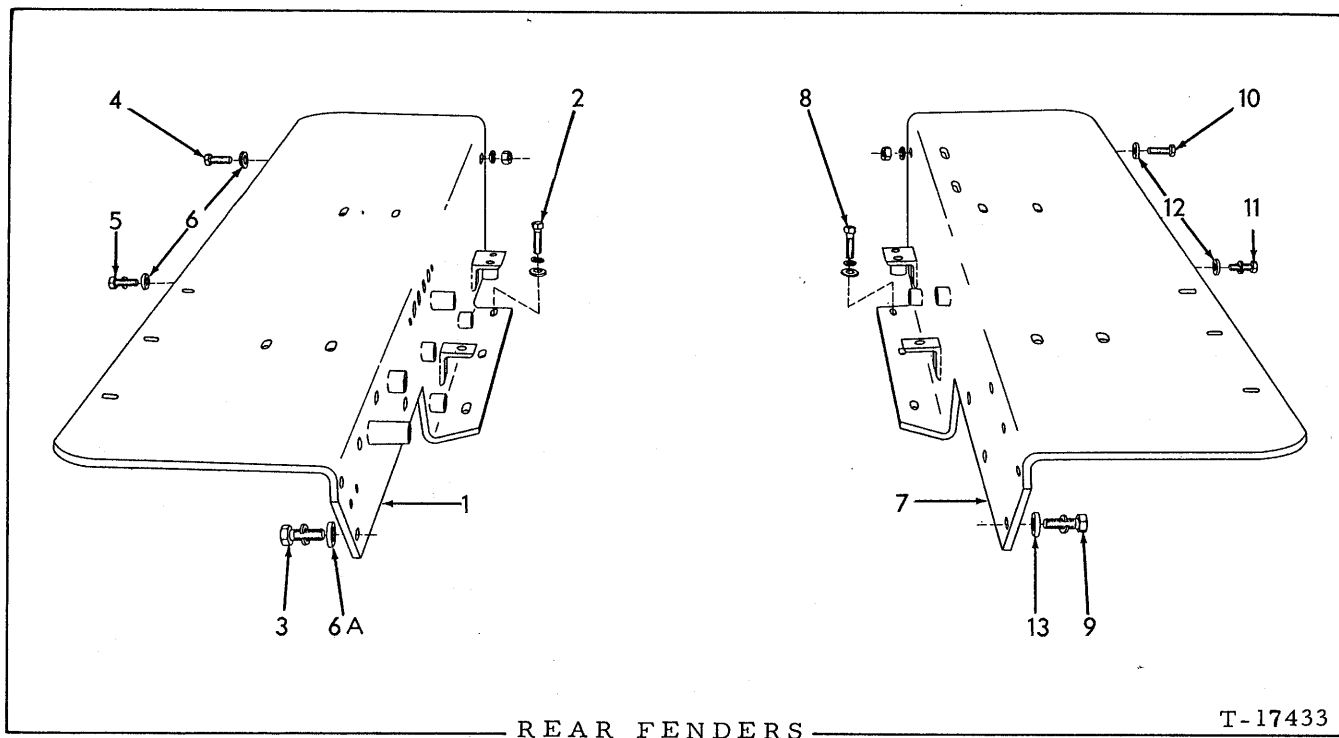
USAGE: Models HD6A, B, AG also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	090133	1	PLATE, floor, front
2	915987	5	CAPSCREW, 1/2"NC x 1-1/2"
	904208	5	LOCKWASHER, 1/2"
3	064531	5	WASHER, plain
4	620272	1	PLATE, floor, rear
5	915987	6	CAPSCREW, 1/2"NC x 1-1/2"
6	064531	6	WASHER, plain
	904208	6	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
7	620271	1	PLATE, rear floor plate supporting, right
8	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
9	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
10	092204	1	PLATE, rear floor plate supporting, left
11	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
12	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC
13	620317	1	SUPPORT, cushion and rear floor plate
14	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
15	064531	2	WASHER, plain
	904208	2	LOCKWASHER, 1/2"
	911028	2	NUT, 1/2"NC



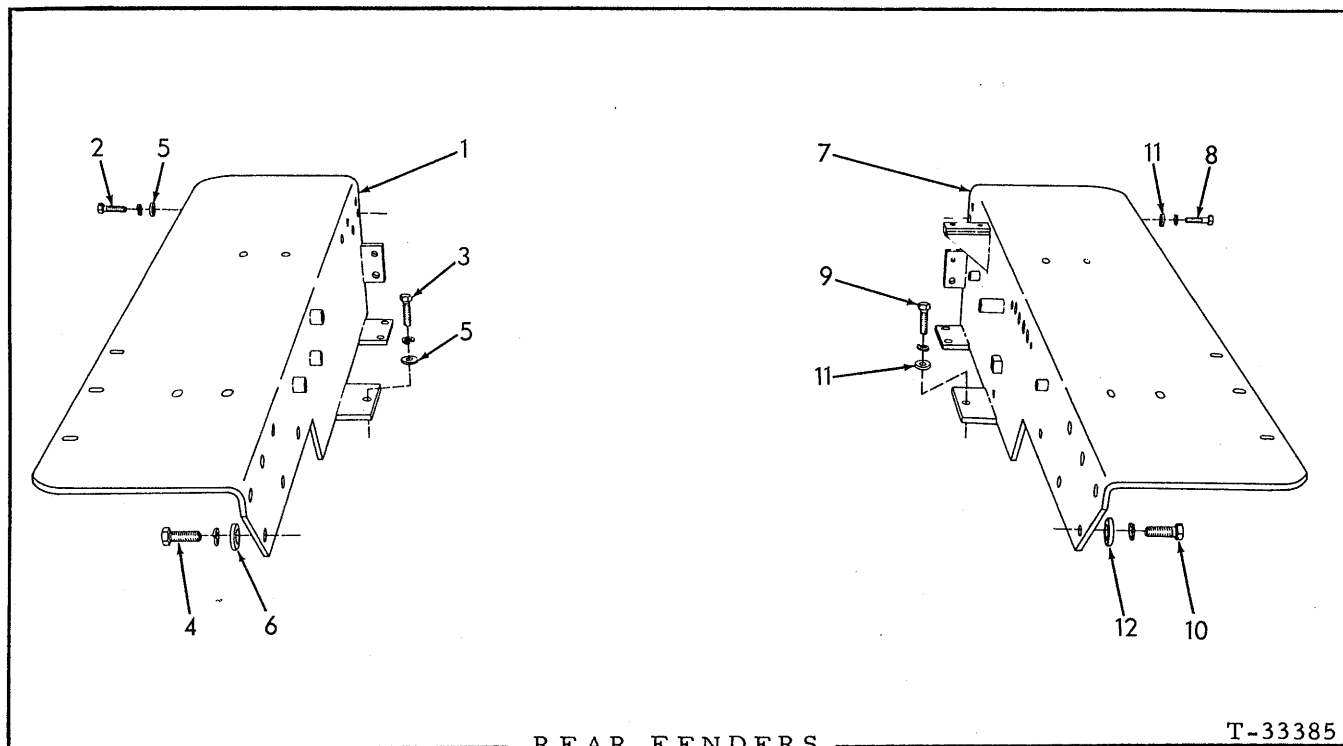
USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	628257	1	PLATE, front, left side
2	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	904208	4	LOCKWASHER, 1/2"
3	064531	4	WASHER, plain
4	628256	1	PLATE, front, right side
5	916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	904208	2	LOCKWASHER, 1/2"
6	064531	2	WASHER, plain
7	628046	1	PLATE, rear
8	916311	3	CAPSCREW, 1/2"NC x 1-1/4"
	904208	3	LOCKWASHER, 1/2"
9	064531	3	WASHER, plain
10	628446	1	PLATE, supporting, left side
11	913249	2	CAPSCREW, 1/2"NF x 1-1/4"
	904208	2	LOCKWASHER, 1/2"
12	624323	1	PLATE, floor supporting, right side
13	913249	2	CAPSCREW, 1/2"NF x 1-1/4"
	904208	2	LOCKWASHER, 1/2"



USAGE: Models HD6A, B, AG also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	648357	1	FENDER, left
2	916028	3	CAPSCREW, 1/2"NF x 1-3/4"
3	920542	3	CAPSCREW, Nylok, 5/8"NC x 1-3/4"
4	919230	1	CAPSCREW, 1/2"NC x 1-3/8"
5	035018	1	CAPSCREW, 1/2"NF x 1-1/2" (Early units)
	915987	1	CAPSCREW, 1/2"NC x 1-1/2" (Late units)
6	064531	2	WASHER, plain (1/2")
	064810	3	WASHER, plain (5/8")
6A	910244	3	WASHER, plain SAE std., 1/2"
	904208	5	LOCKWASHER, 1/2"
	904209	3	LOCKWASHER, 5/8"
	911028	1	NUT, 1/2"NC
7	648358	1	FENDER, right
8	916028	3	CAPSCREW, 1/2"NF x 1-3/4"
9	920542	3	CAPSCREW, Nylok, 5/8"NC x 1-3/4"
10	919230	1	CAPSCREW, 1/2"NC x 1-3/8"
11	035018	1	CAPSCREW, 1/2"NF x 1-1/2" (Early units)
	915987	1	CAPSCREW, 1/2"NC x 1-1/2" (Late units)
12	064531	2	WASHER, plain (1/2")
	064810	3	WASHER, plain (5/8")
13	910244	3	WASHER, plain, SAE std., 1/2"
	904208	5	LOCKWASHER, 1/2"
	904209	3	LOCKWASHER, 5/8"
	911028	1	NUT, 1/2"NC



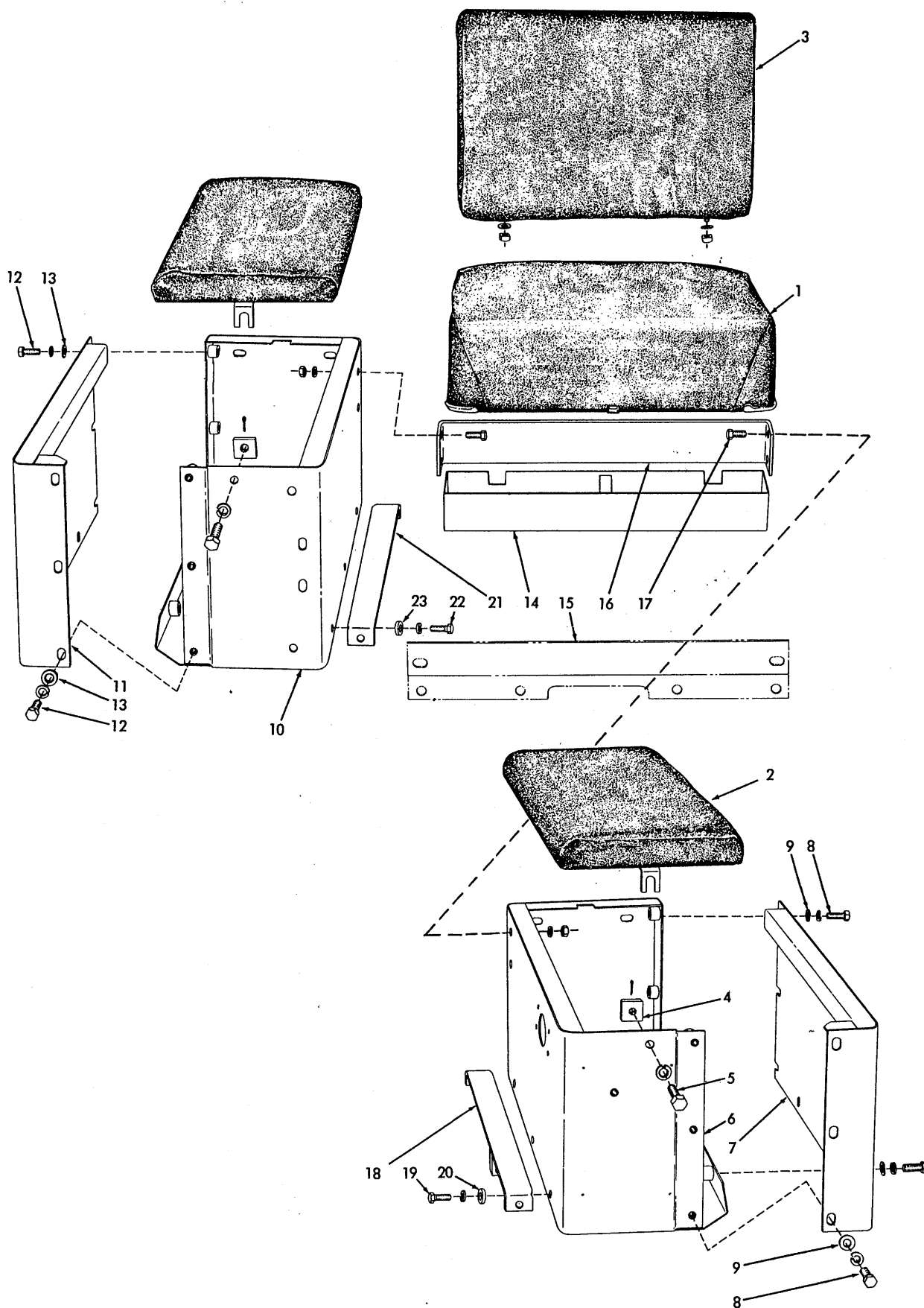
REAR FENDERS

T-33385

USAGE: Model HD6E tractors serial No. 14484 and up

ITEM PART NO. QTY. DESCRIPTION

1	624337	1	FENDER, left
2	916028	3	CAPSCREW, 1/2"NF x 1-3/4" (Early units)
	916313	3	CAPSCREW, 1/2"NC x 1-3/4" (Late units)
3	916028	3	CAPSCREW, 1/2"NF x 1-3/4"
4	920542	3	CAPSCREW, Nylok, 5/8"NC x 1-3/4"
5	064531	6	WASHER, plain (1/2")
6	064810	3	WASHER, plain (5/8")
	904208	6	LOCKWASHER, 1/2"
	904209	3	LOCKWASHER, 5/8"
7	624376	1	FENDER, right
8	916028	3	CAPSCREW, 1/2"NF x 1-3/4" (Early units)
	916313	3	CAPSCREW, 1/2"NC x 1-3/4" (Late units)
9	916028	3	CAPSCREW, 1/2"NF x 1-3/4"
10	920542	3	CAPSCREW, Nylok, 5/8"NC x 1-3/4"
11	064531	6	WASHER, plain (1/2")
12	064810	3	WASHER, plain (5/8")
	904208	6	LOCKWASHER, 1/2"
	904209	3	LOCKWASHER, 5/8"



SEAT AND BATTERY BOXES (Models HD6A, B, E)

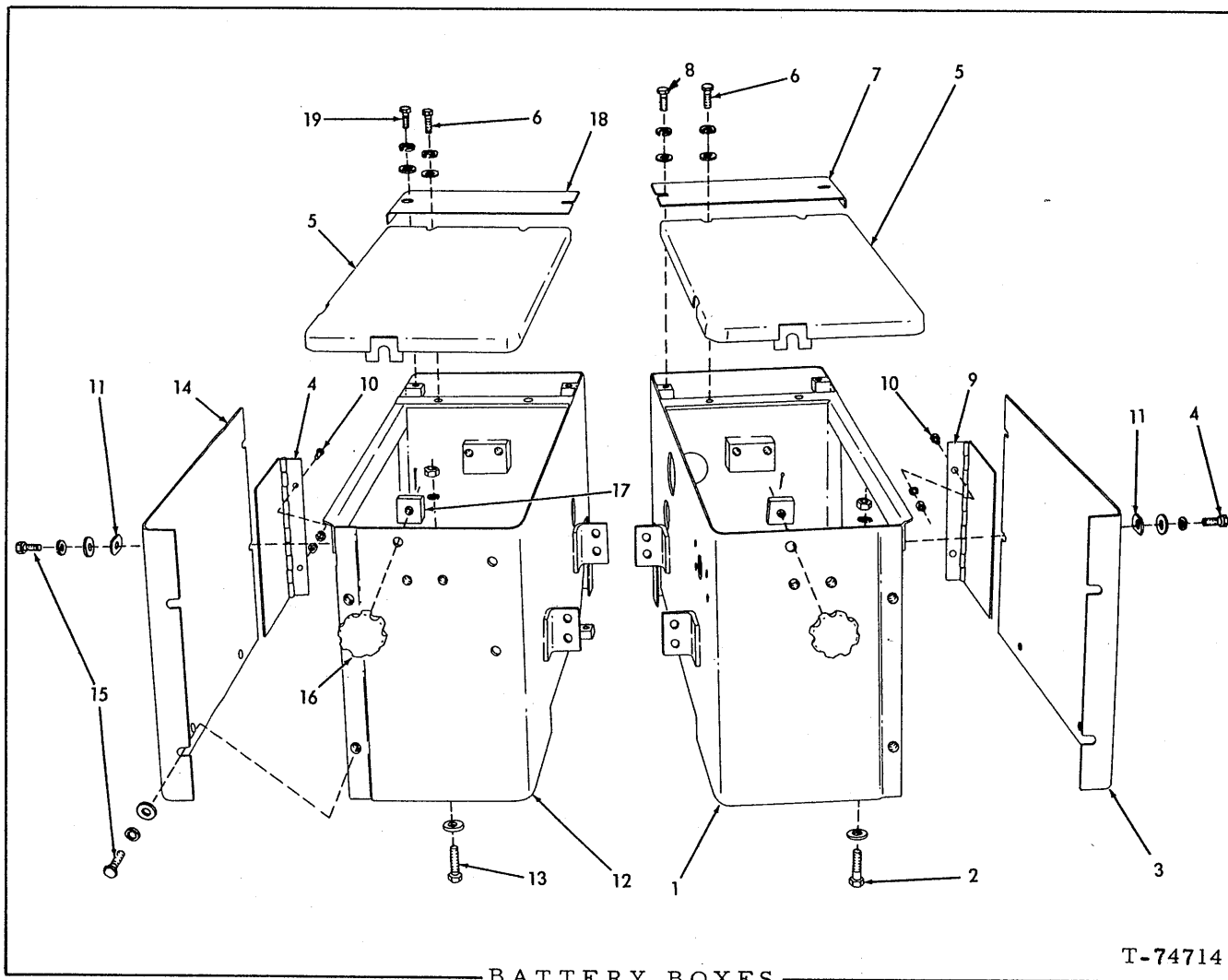
T-17435

SEAT AND BATTERY BOXES

USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	659111	1	CUSHION, seat
2	083263	2	CUSHION, arm rest
3	084315	1	CUSHION, back (Includes NUTS indented below)
	910244	2	WASHER, plain, SAE std., 1/2"
	911028	2	NUT, 1/2"NC
4	050551	2	BLOCK, arm rest cushion retaining
5	050510	2	CAPSCREW, drilled end, 1/2"NF x 1-1/2"
	904208	2	LOCKWASHER, 1/2"
	900802	2	PIN, cotter, 3/32" x 1"
6	648355	1	BOX, left battery
7	085823	1	COVER, left battery box (See HEAVY-DUTY OIL FILTER for special cover)
8	{ 035018	8	CAPSCREW, 1/2"NF x 1-1/2" (Early units)
	915987	8	CAPSCREW, 1/2"NC x 1-1/2" (Late units)
	904208	8	LOCKWASHER, 1/2"
9	064531	8	WASHER, plain
10	648356	1	BOX, right battery
11	085824	1	COVER, right battery box
12	{ 035018	8	CAPSCREW, 1/2"NF x 1-1/2" (Early units)
	915987	8	CAPSCREW, 1/2"NC x 1-1/2" (Late units)
	904208	8	LOCKWASHER, 1/2"
13	064531	8	WASHER, plain
14	{ 050493	1	BOX, tool (Used prior to tractor #15972)
	638543	1	BOX, tool (Special equipment)
15	-----	1	SUPPORT, cushion and rear floor plate (See FLOOR)
16	093809	1	BRACE, cross
17	916310	4	CAPSCREW, 1/2"NC x 1"
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
18	097398	1	SUPPORT, seat cushion, left
19	{ 012992	3	CAPSCREW, 3/8"NF x 1-1/4" (Early units)
	916272	3	CAPSCREW, 3/8"NC x 1-1/4" (Late units)
	904206	3	LOCKWASHER, 3/8"
20	044973	3	WASHER, plain
21	097397	1	SUPPORT, seat cushion, right
22	{ 012992	3	CAPSCREW, 3/8"NF x 1-1/4" (Early units)
	916272	3	CAPSCREW, 3/8"NC x 1-1/4" (Late units)
	904206	3	LOCKWASHER, 3/8"
23	044973	3	WASHER, plain

NOTE: SEE PAINTING AND MARKING for transfers and instruction plate applied to battery boxes.

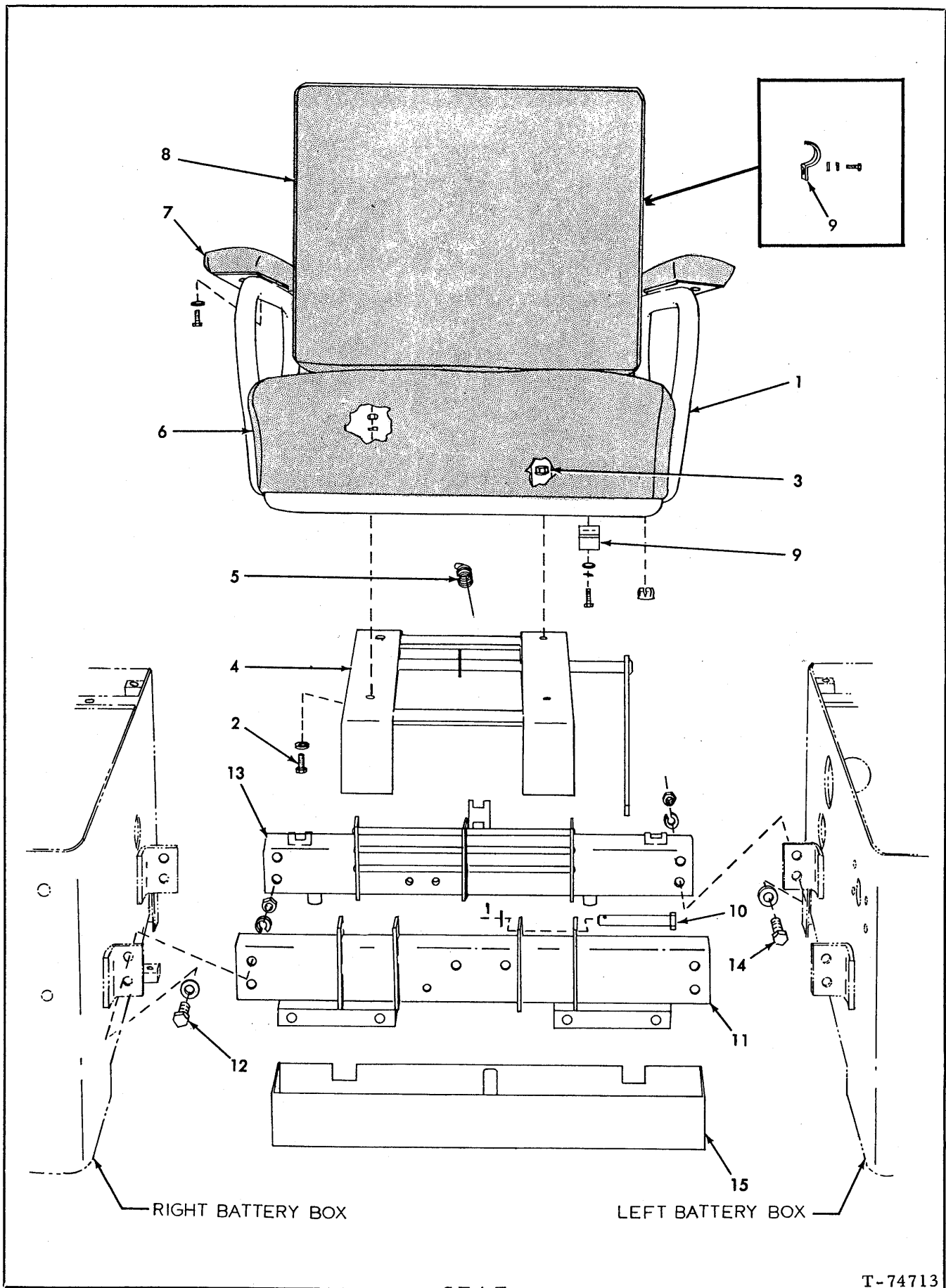


BATTERY BOXES

USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	648359	1	BOX, left battery
2	916313	4	CAPSCREW, 1/2"NC x 1-3/4"
	064531	8	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
3	627337	1	COVER, side, left battery box
4	623820	6	CAPSCREW, Nylok, 1/2"NF x 1" (Early units)
	919230	6	CAPSCREW, 1/2"NC x 1-3/8" (Late units)
	904208	6	LOCKWASHER, 1/2"
	064531	6	WASHER, plain
5	627253	2	COVER, top, battery box
6	623820	4	CAPSCREW, Nylok, 1/2"NF x 1" (Early units)
	919230	4	CAPSCREW, 1/2"NC x 1-3/8" (Late units)
	904208	4	LOCKWASHER, 1/2"
	064531	4	WASHER, plain
7	627285	1	COVER, top, left battery box, rear section
8	623820	2	CAPSCREW, Nylok, 1/2"NF x 1" (Early units)
	919230	2	CAPSCREW, 1/2"NC 1-3/8" (Late units)
	904208	2	LOCKWASHER, 1/2"
	064531	2	WASHER, plain
9	628837	2	DOOR, filter compartment
10	915408	4	CAPSCREW, 3/8"NC x 3/4"
	904206	4	LOCKWASHER, 3/8"
	911026	4	NUT, 3/8"NC
11	628838	2	LATCH, filter compartment door
12	648360	1	BOX, right battery
13	916313	4	CAPSCREW, 1/2"NC x 1-3/4"
	064531	8	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
14	627338	1	COVER, side, right battery box
15	623820	6	CAPSCREW, Nylok, 1/2"NF x 1" (Early units)
	919230	6	CAPSCREW, 1/2"NC 1-3/8" (Late units)
	904208	6	LOCKWASHER, 1/2"
	064531	6	WASHER, plain
16	624487	2	KNOB, retaining, battery box cover
	900805	2	PIN, cotter, 1/8" x 3/4"
17	627375	2	BLOCK, tapped, cover retaining
18	627286	1	COVER, top, right battery box, rear section
19	623820	2	CAPSCREW, Nylok, 1/2"NF x 1" (Early units)
	919230	2	CAPSCREW, 1/2"NC x 1-3/8" (Late units)
	904208	2	LOCKWASHER, 1/2"
	064531	2	WASHER, plain

NOTE: See PAINTING AND MARKING for transfers and instruction plates applied to battery boxes.



S E A T

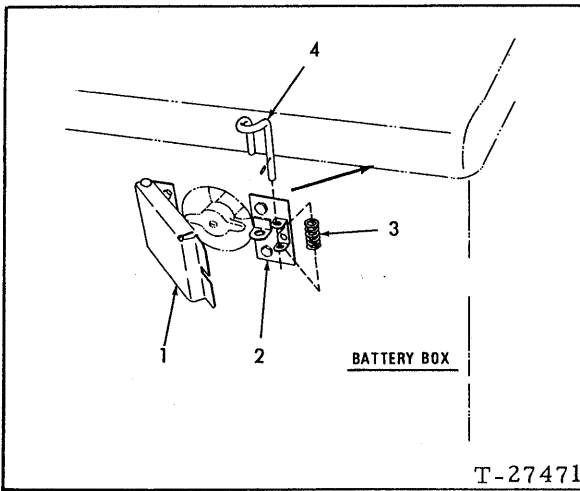
USAGE: Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY.	DESCRIPTION
1	630344	1	FRAME , seat
	920434	4	PLUG, button, 27/32" hole-diam.
2	910505	2	CAPSCREW, 5/16"NF x 1"
3	043646	2	CAPSCREW, 5/16"NF x 1-1/4"
	904205	4	LOCKWASHER, 5/16"
	913636	4	NUT, 5/16"NF
	092665	4	WASHER, plain
4	097602	1	FRAME, seat supporting
5	045306	1	SPRING, seat retracting
6	659105	1	CUSHION, seat
7	620013	2	CUSHION, arm
	924956	4	CAPSCREW, pltd., 1/4"NF x 3/4"
	924958	4	LOCKWASHER, int-tooth, pltd., 1/4"
8	098401	1	CUSHION, back
9	098409	8	CLIP, cushion retaining
	916400	8	CAPSCREW, 1/4"NF x 3/4"
	904204	8	LOCKWASHER, 1/4"
	092635	8	WASHER, plain
10	097612	2	PIN, seat hinge
	910244	2	WASHER, plain, SAE std., 1/2"
	900805	2	PIN, cotter, 1/8" x 3/4"
11	624345	1	CHANNEL, seat supporting, front
12	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
13	648330	1	CHANNEL, seat supporting, rear
14	916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	064531	4	WASHER, plain
	904208	4	LOCKWASHER, 1/2"
	911028	4	NUT, 1/2"NC
15	638543	1	BOX, tool (Used prior to tractor #16739)
16	657564	1	BELT, seat (Special equipment. Not illustrated)

MASTER SWITCH COVER

USAGE: Special equipment. Padlock is required to complete the installation.

ITEM	PART NO.	QTY.	DESCRIPTION
1	620445	1	COVER
2	620448	1	PLATE, cover latching
3	035916	1	SPRING, latching rod
4	621201 916146	1 1	ROD, latching PIN, spring, 3/32"x 1/2"



PAINTING AND MARKING
(Not Illustrated)

* Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

** Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
NOTE: Approximately 2-21/ gallons required for spraying one coat.			
1	921094	- -	ENAMEL, persian orange, quart can
	925109	- -	ENAMEL, A-C yellow, quart can
2	921093	- -	ENAMEL, persian orange, gallon can
	925110	- -	ENAMEL, A-C yellow, gallon can
4	921092	- -	ENAMEL, persian orange, 12oz. pressurized spray-type can
	925108	- -	ENAMEL, A-C yellow, 12oz. pressurized spray-type can
NOTE: All plates and transfers are English language printings unless otherwise indicated.			
5	621528	1 -	PLATE, general instructions (7" x 10")(Attached to left battery box)
	628658	- 1	PLATE, general instructions (7" x 10")(Attached to left battery box)
	034076	4 4	SCREW, thread-cutting, #8 x 1/2"
	631761	1 -	PLATE, general instructions (Multi-language, 7" x 12")(Attached to left battery box)
	629179	- 1	PLATE, general instructions (Multi-language, 7" x 12")(Attached to left battery box)
	034076	6 6	SCREW, thread-cutting, #8 x 1/2"
6	088628	1 1	PLATE, gear shift guide (2-1/2" x 3")(Attached to dash on units with 5 forward speeds)
	088629	1 1	PLATE, gear shift guide (2-1/2" x 3")(Attached to dash on units with 4 forward speeds)
	034076	4 4	SCREW, thread-cutting, #8 x 1/2"
7	621357	1 1	PLATE, lubrication certification (3-7/8" x 6-3/4") (Applied to dash)
8	623097	1 1	TRANSFER, instruction, engine oil filter (2-1/4" x 3-1/4") (Applied to filter)
	632388	1 1	TRANSFER, instruction, engine oil filter (multi-language, 4" x 4-3/4")(Applied to filter)
9	644593	1 1	TRANSFER, instruction, fuel filter (1-3/4" x 2-1/4") (Applied to 2nd stage filter)
	632390	1 1	TRANSFER, instruction fuel filter (multi-language, 1-3/4" x 5-1/2")(Applied to 2nd stage filter)

(Continued)

PAINTING AND MARKING (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
10	644625	1 1	TRANSFER, instruction, fuel filter (1-3/4" x 2-1/4") (Applied to 1st stage filter)
	632389	1 1	TRANSFER, instruction, fuel filter (multi-language, 2-3/4" x 3-1/4")(Applied to 1st stage filter)
11	666497	1 1	TRANSFER, instruction, engine operation (2-1/4" x 4-1/2") (Applied to dash)
12	658690	1 1	TRANSFER, instruction oil-bath air cleaner (2-1/4" x 3-3/4") (Applied to "United" cleaner)
	074578	1 1	TRANSFER, instruction, oil-bath air cleaner (Spanish translation, 1-5/8" x 4")(Applied to "United" air cleaner)
	656642	1 1	TRANSFER, instruction, oil-bath air cleaner (1-1/2" x 3-3/4") (Applied to "Donsldson" air cleaner)
13	633065	1 1	TRANSFER, instruction, dry-type air cleaner (2" x 3-3/4") (Applied to air inlet tube)(Not for units with turbocharger)
	641127	1 1	TRANSFER, instruction, dry-type air cleaner (4" x 4") (Applied to air cleaner on early units)
	657738	- 1	TRANSFER, instruction, dry-type air cleaner (2-1/2" x 5")(Applied to air stack on late units)
14	658684	1 1	TRANSFER, instruction, air pre-cleaner (2-1/2" x 3-3/4") (Applied to pre-cleaner on units with "United" oil-bath air cleaner only)
	074577	1 1	TRANSFER, instruction, air pre-cleaner (Spanish translation, 1-5/8" x 4")(Applied to pre-cleaner on units with "United" oil-bath air cleaner only)
15	651894	1 1	TRANSFER, instruction, air cleaner cartridge replacement (1-5/16" x 1-7/16")(Applied to air restriction indicator on early units only)
16	621342	1 1	TRANSFER, instruction, engine primer (1-3/4" x 6") (Applied to dash)
17	621338	1 1	TRANSFER, instruction, air heater operation (2" x 6") (Applied to dash Not for HD6A, B tractors #16656 and up)
	633384	1 -	TRANSFER, instruction, air heater operation (2" x 6") (Applied to dash on tractors #16656 and up)
	074579	1 1	TRANSFER, instruction air heater operation (Spanish translation, 2" x 6")(Applied to dash)
18	629967	1 -	TRANSFER, instruction, oil clutch (1-7/8" x 3-5/8") (Applied to dash)
19	632227	- 2	TRANSFER, instruction, steering system filter (1-3/4" x 2-1/4", pressure-sensitive type)(Applied to FILTER ASSY. 631512)
20	650587	1 1	TRANSFER, altitude warning (1-3/4" x 3-1/2")(Applied to dash on units with special turbocharger)
21	629205	- 1	TRANSFER, warning, power steering and brakes (1-3/4" x 3-1/2") (Applied to dash)

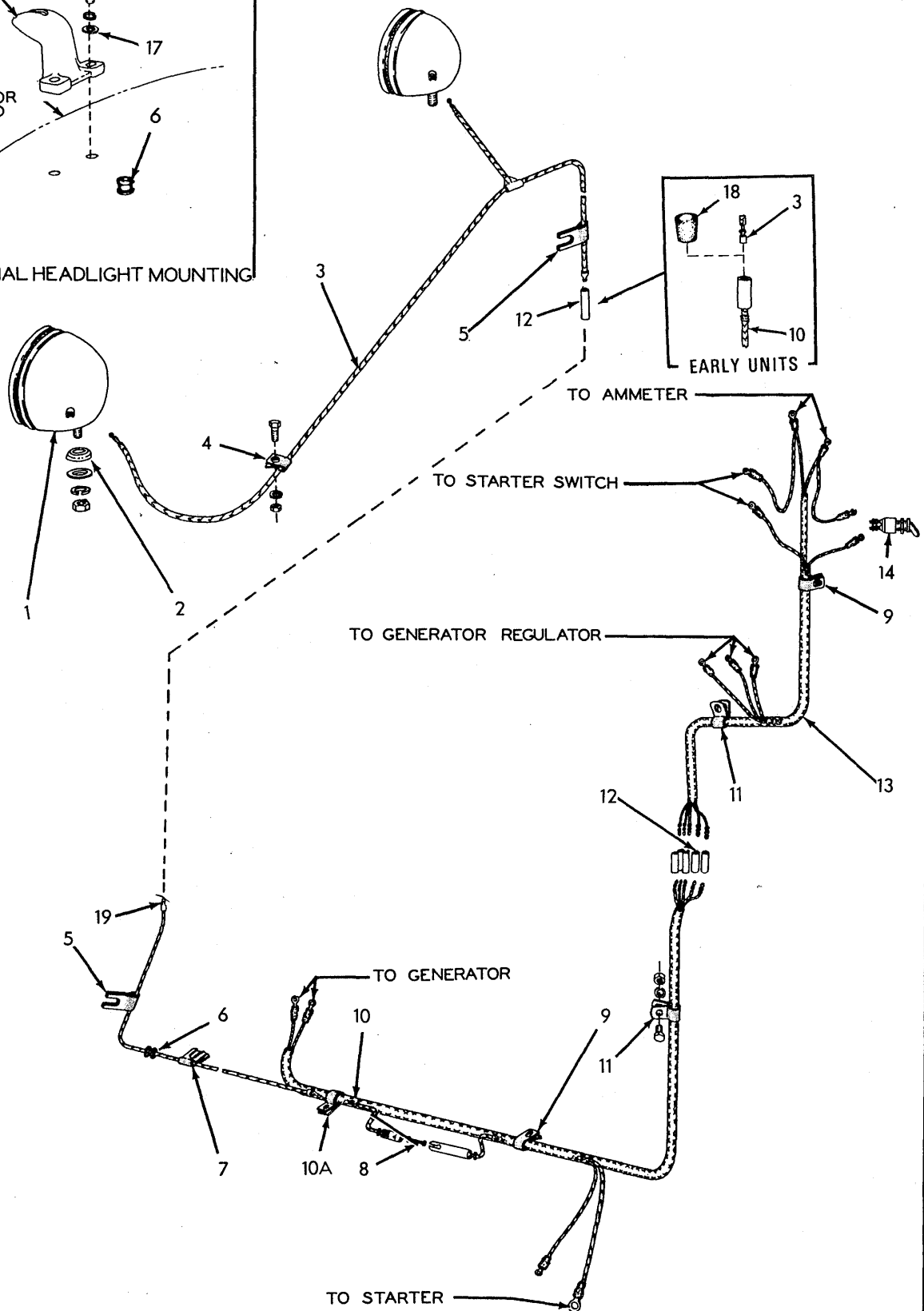
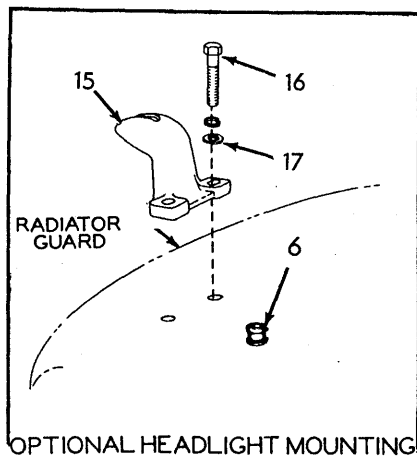
For units
with turbo-
charger

(Continued)

PAINTING AND MARKING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
22	621399	1	1	TRANSFER, warning, special heavy-duty oil filter (2" x 10", Includes Portuguese translation)(Applied to filter)
	621400	1	1	TRANSFER, warning, special heavy-duty oil filter (2" x 10", French and Spanish translation)(Applied to filter)
23	924550	3	3	TRANSFER, "ALLIS-CHALMERS" (1-7/8" x 30")(Applied to sides of hood on all Modles except HD6AG and rear of fuel tank on all Models)
24	924546	2	- $\triangle$	TRANSFER, "ALLIS-CHALMERS" (15/16" x 15")(Applied to sides of seat on early units only)
	924548	1	1	TRANSFER, "ALLIS-CHALMERS" (1-1/4" x 20")(Applied to front of radiator guard; also 2 additional used on sides of hood on HD6AG)
25	661223	3	3	TRANSFER, "HD6" (Applied to sides of seat and to rear of fuel tank)
	664992	3	-	TRANSFER, "HD6AG" (3" x 14")(Applied to sides of seat and rear of fuel tank)
26	924319	-	1	TRANSFER, trademark (4-7/8", black and orange)
	924540	1	1	TRANSFER, trademark (4-7/8", white)(optional)
27	924305	-	2	TRANSFER, trademark (5-5/8" black and orange)
	924462	-	2	TRANSFER, trademark (5-5/8", white)(optional)
28	651983	1	1	TRANSFER KIT (Consists of one each TRANSFERS 656986, 658684, 658690, 924319, 634284, 644625, 621342, 644593; two TRANSFERS, 634376, 924305, 658690; three TRANSFERS 623491)
29	067937	-	-	CEMENT, transfer application, 1/2 pint jar (Makes solution by adding 4 parts water. Required to apply transfers indicated by $\triangle$ above.

$\triangle$ Indicates permanent-type transfer. See item 28



LIGHTS AND WIRING (Models HD6A, B, E)

T-24111

LIGHTS AND WIRING

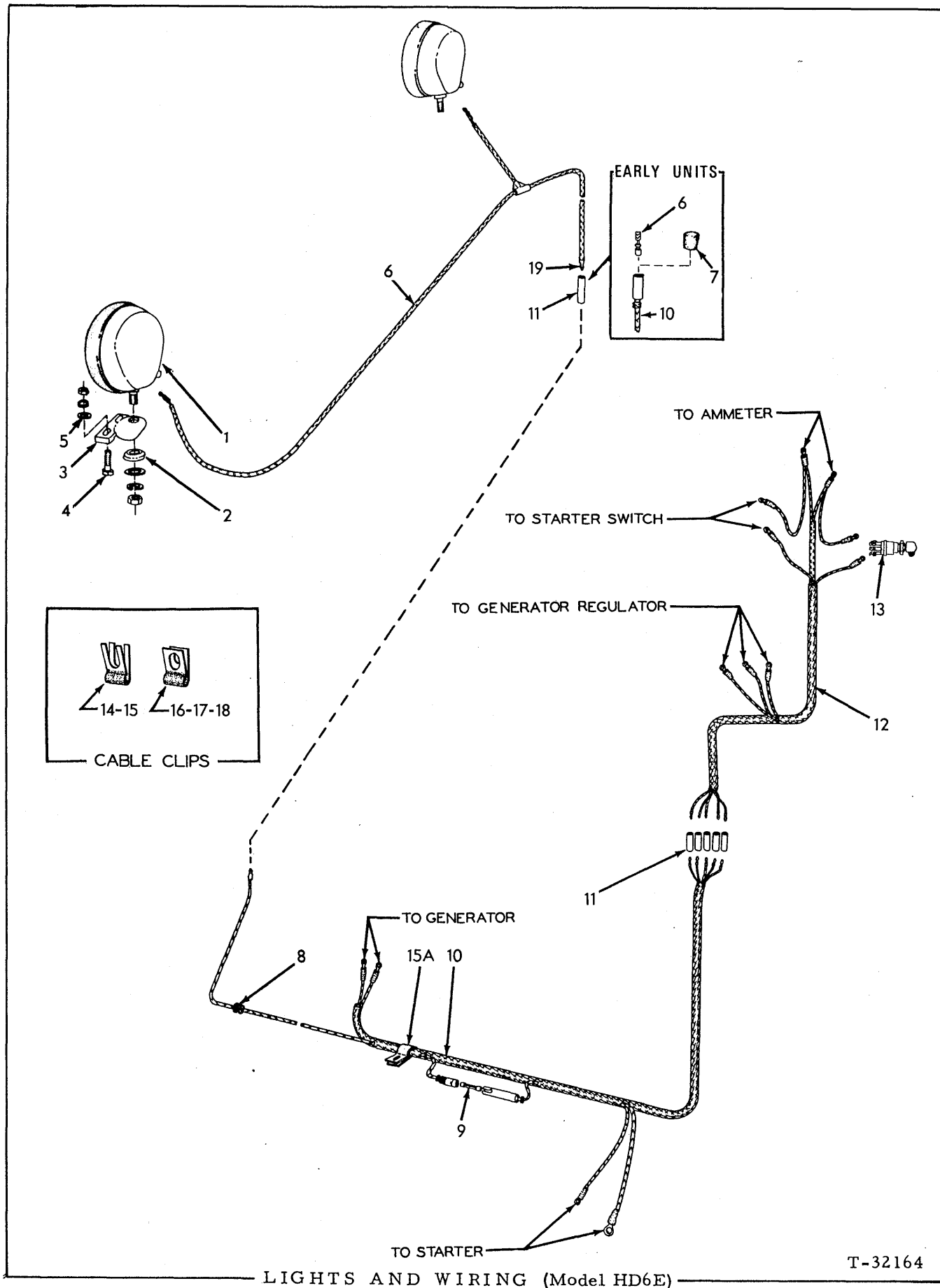
USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

* Units with lights mounted inside of radiator guard

** Units with lights mounted above radiator guard

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	097030	2	2	ΔLIGHT ASSY., head (See page 323 for parts)(Used prior to August 1963. Order LIGHT ASSY. 638283)
	638283	2	2	ΔLIGHT ASSY., head (See page 324 for parts)(Effective August 1963)
	900818	2	2	Δ WASHER, plain, U. S. std., 1/2"
	904208	2	2	Δ LOCKWASHER, 1/2"
	911043	2	2	Δ NUT, 1/2"NF
2	075535	2	2	Δ WASHER, head light mounting
3	088540	1	-	Δ CABLE, head light, front section
	098777	-	1	Δ CABLE, head light, front section
	666997	1	1	Δ CABLE, head light, front section (Tractors #21224 and up)
4	640677	3	3	Δ CLIP, head light cable (1/4" diam., 13/32" bolt-hole)
	915408	3	-	Δ CAPSCREW, 3/8"NC x 3/4"
	036034	-	3	Δ CAPSCREW, 3/8"NF x 1"
	904206	3	3	Δ LOCKWASHER, 3/8"
	911026	3	-	Δ NUT, 3/8"NC
5	641563	2	2	CLIP, head light cable (1/4" diam., 9/16" bolt-slot)
6	044810	1	3	GROMMET, head light cable
7	639313	2	2	CLIP, front wiring harness (5/32" diam., 7/16" bolt-slot)
8	208960	1	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes
9	641566	2	2	CLIP, wiring harness (3/8" diam., 9/32" bolt-hole)
10	666998	1	1	HARNESS, wiring, front section (Includes item 8)(If for first replacement on tractors prior to #21224 also order one each, item 12 and 19)
10A	639314	1	1	CLIP, front wiring harness (3/8" diam., 13/32" bolt-hole)
11	094527	2	2	CLIP, wiring harness (1/2" diam., 13/32" bolt-hole)
	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
12	048142	6	6	CONNECTOR, wiring harness (1-line)
13	098916	1	1	HARNESS, wiring, rear section
14	661345	1	1	SWITCH ASSY. (Includes mounting nuts)
15	093195	-	2	BRACKET, head light mounting (Also required for hydraulic wrap-around radiator guard with lights mounted inside)
16	046419	-	4	CAPSCREW, 3/8"NF x 2" (Early units only)
	914847	-	4	CAPSCREW, 3/8"NC x 1-1/2" (Late units)
	911041	-	4	NUT, 3/8"NF (Early units only)
17	044973	-	4	WASHER, plain
	904206	-	4	LOCKWASHER, 3/8"
18	638243	1	1	TIP, head light cable terminal (rubber)(Used only on early units without headlights)
19	639068	-	-	TERMINAL, cable ("Douglas" snap type)(Use to convert cables with old bayonet-type connector. See items 3 and 10)

Δ Items indicated above are optional equipment



T-32164

LIGHTS AND WIRING

USAGE: Model HD6E tractors serial No. 14484 and up

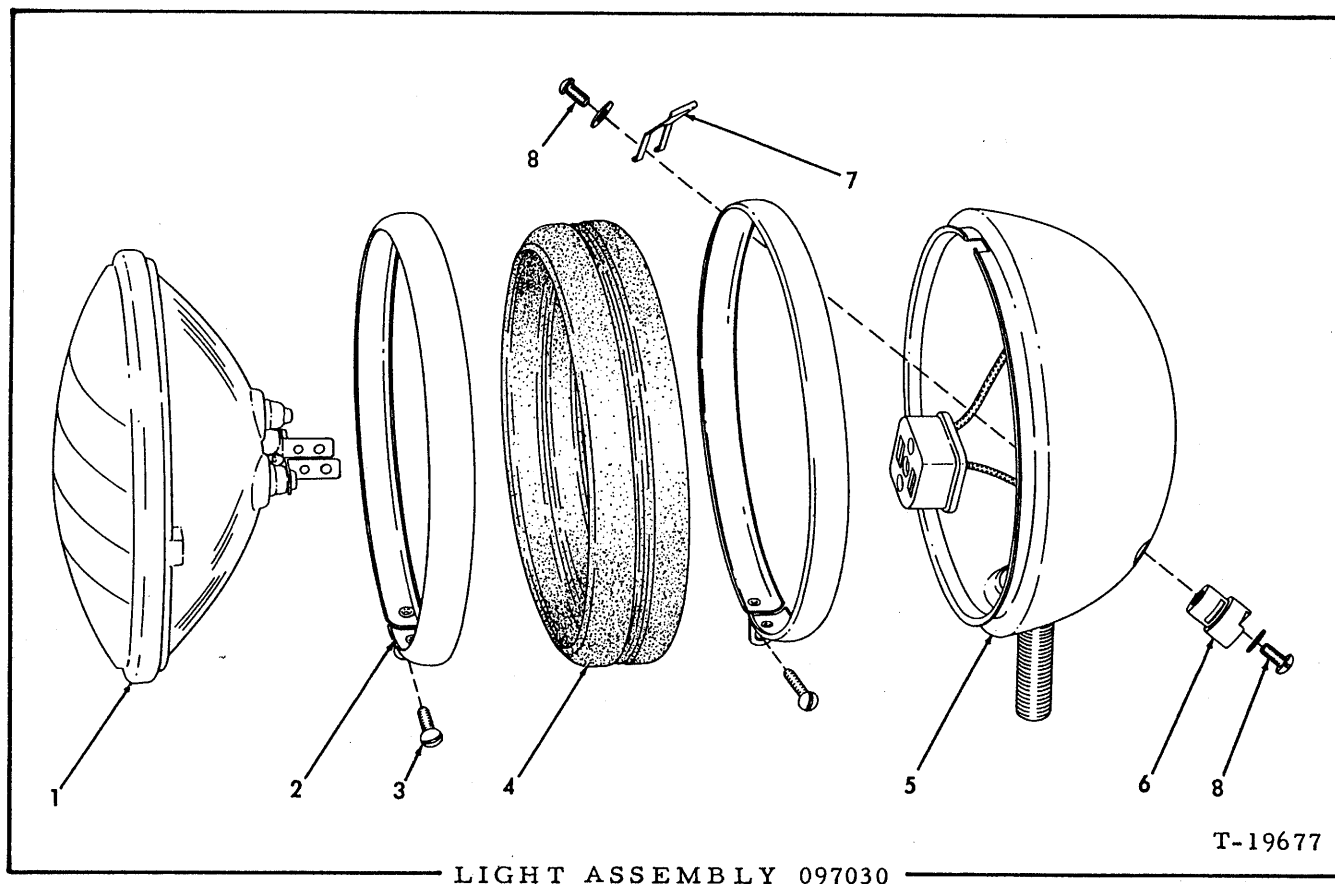
* Units with standard radiator shell
 ** Units with optional wrap-around radiator guards

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	621429	2	2	△LIGHT ASSEMBLY, head (See page 325 for parts)(Early units)
	638283	2	2	△LIGHT ASSEMBLY, head (See page 324 for parts)(Late units)
	900818	2	2	△WASHER, plain, U. S. std., 1/2"
	904208	2	2	△LOCKWASHER, 1/2"
	911043	2	2	△NUT, 1/2"NF
2	075535	2	2	△WASHER, head light mounting
3	075429	-	2	BRACKET, head light
4	916273	-	4	CAPSCREW, 3/8"NC x 1-3/4"
5	044973	-	4	WASHER, plain
	904206	-	4	LOCKWASHER, 3/8"
	911026	-	4	NUT, 3/8"NC
6	088540	1	1	△CABLE, head light, front section (Tractors prior to #21225)
	098777	-	1	△CABLE, head light, front section (For tractors prior to #21225 when headlights are mounted on top of radiator guard)
	666997	1	1	△CABLE, head light, front section (Tractors #21225 and up)
7	638243	1	1	TIP, headlight cable (rubber)(Used only on early units without headlights)
8	044810	1	3	GROMMET, head light cable (rubber)
9	208960	1	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes
10	666998	1	1	HARNESS, wiring, front section (Includes item9)(If for first replacement on tractor prior to #21225 also order one each item 11 and 19)
11	048142	6	6	CONNECTOR, wiring harness (1-line)
12	098916	1	1	HARNESS, wiring, rear section
13	661345	1	1	SWITCH ASSEMBLY (Includes mounting nuts)
14	641563	2	2	CLIP, head light cable (1/4" diam., 9/16" bolt-slot)
15	639313	2	2	CLIP, front wiring harness (3/16" diam., 13/32" bolt-slot)
15A	639314	1	1	CLIP, front wiring harness (3/8" diam., 13/32" bolt-hole)
16	640677	3	3	△CLIP, head light cable (1/4" diam., 13/32" bolt-hole)
	915408	3	3	△CAPSCREW, 3/8"NC x 3/4"
	904206	3	3	△LOCKWASHER, 3/8"
	911026	3	3	△NUT, 3/8"NC
17	641566	2	2	CLIP, wiring harness (3/8" diam., 9/32" bolt-hole)

(Continued)

LIGHTS AND WIRING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
18	094527	2	2	CLIP, wiring harness (1/2" diam., 13/32" bolt-hole)
	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
Item: indicated above are optional equipment				
19	639068	-	-	TERMINAL, cable ("DOUGLAS" snap-type)(Use to convert cables with old boyonet type connector. See item 6 and 10)

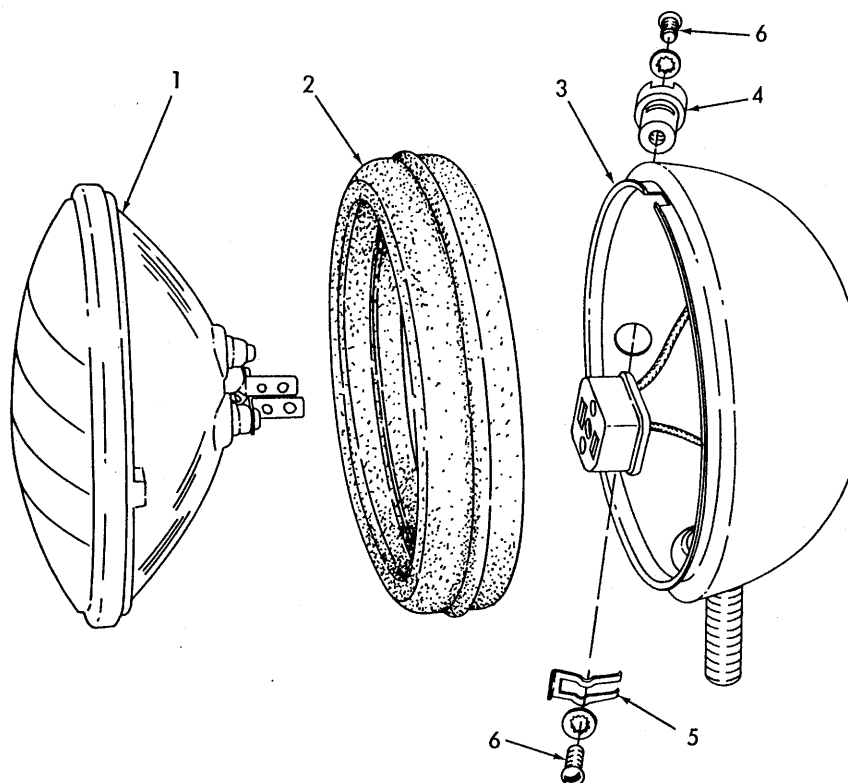


USAGE: See page 319

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

1	182763	1	SEALED BEAM (24 volt)
2	097046	2	MOLDING
3	622729	2	SCREW, molding
4	097048	1	RING, cushion
5	-----	1	BODY ASSEMBLY (Includes wiring. Not serviced separately)
6	055589	1	TERMINAL KIT (Includes items 7 and 8)
7	048922	1	SPRING, retaining, terminal bushing
8	912731	2	SCREW, terminal (#8-32NC x 5/16")
	912739	2	LOCKWASHER, internal teeth, #8



LIGHT ASSEMBLY 638283

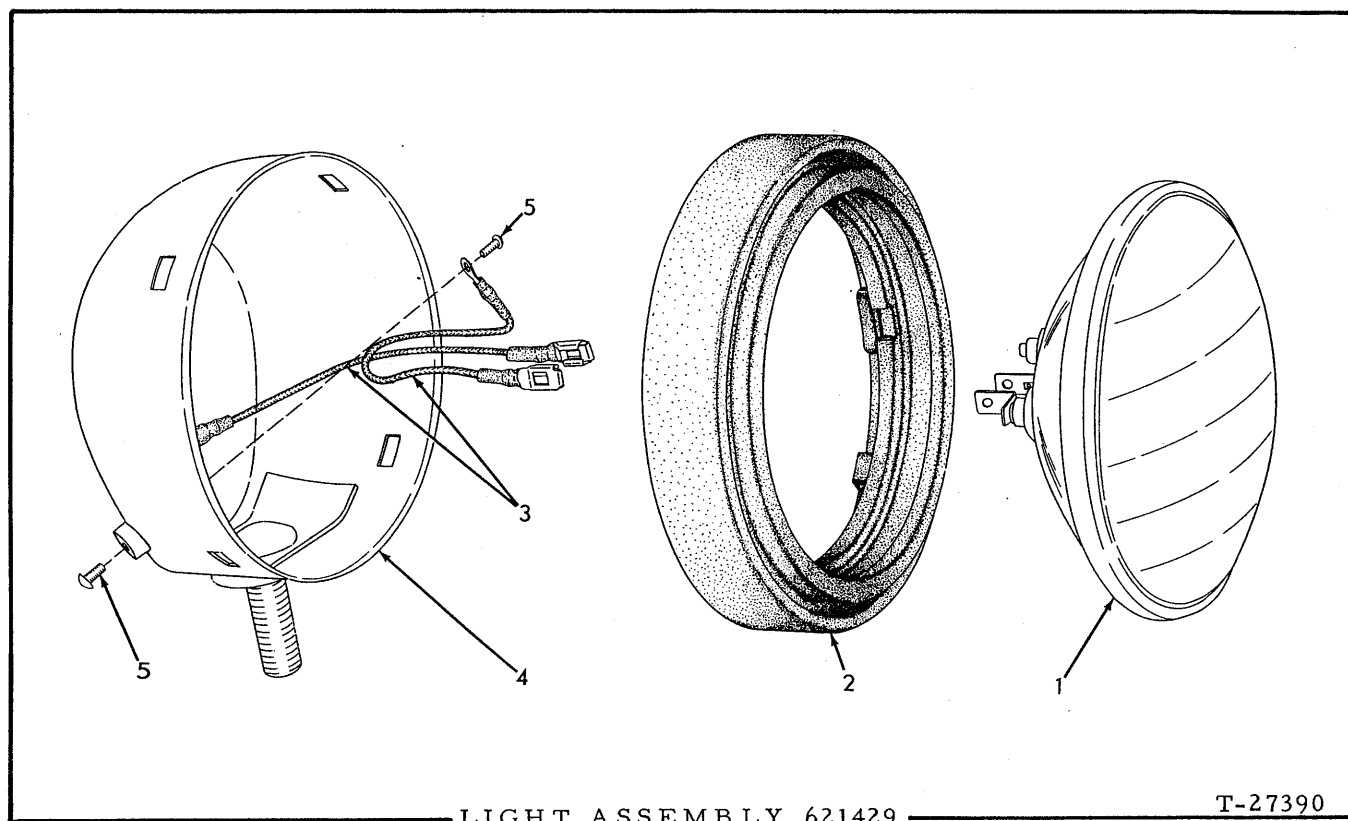
T-38214

USAGE: See page 319 and 321

ITEM PART NO. QTY. DESCRIPTION

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

1	182763	1	SEALED BEAM (24 volt)
2	638282	1	RING, cushion (rubber)
3	-----	1	BODY ASSEMBLY (Includes wiring. Not serviced separately)
4	055589	1	TERMINAL KIT (Includes items 5 and 6)
5	048922	1	SPRING, retaining, terminal bushing
6	912731	2	SCREW, terminal(#8-32NC x 5/16")
	912739	2	LOCKWASHER, internal teeth, #8



LIGHT ASSEMBLY 621429

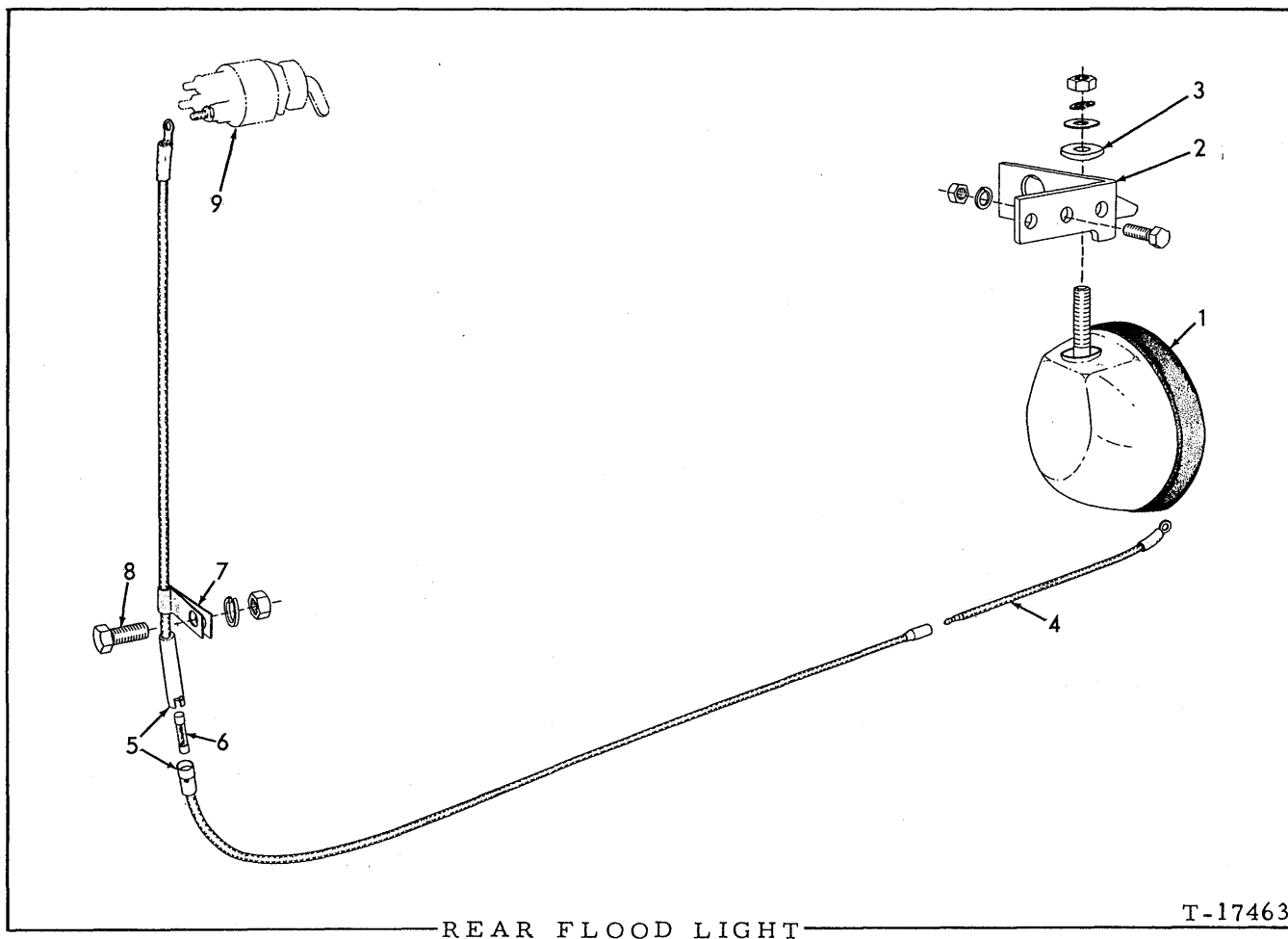
T-27390

USAGE: See pages 321,326 and 327

ITEM PART NO. QTY. DESCRIPTION

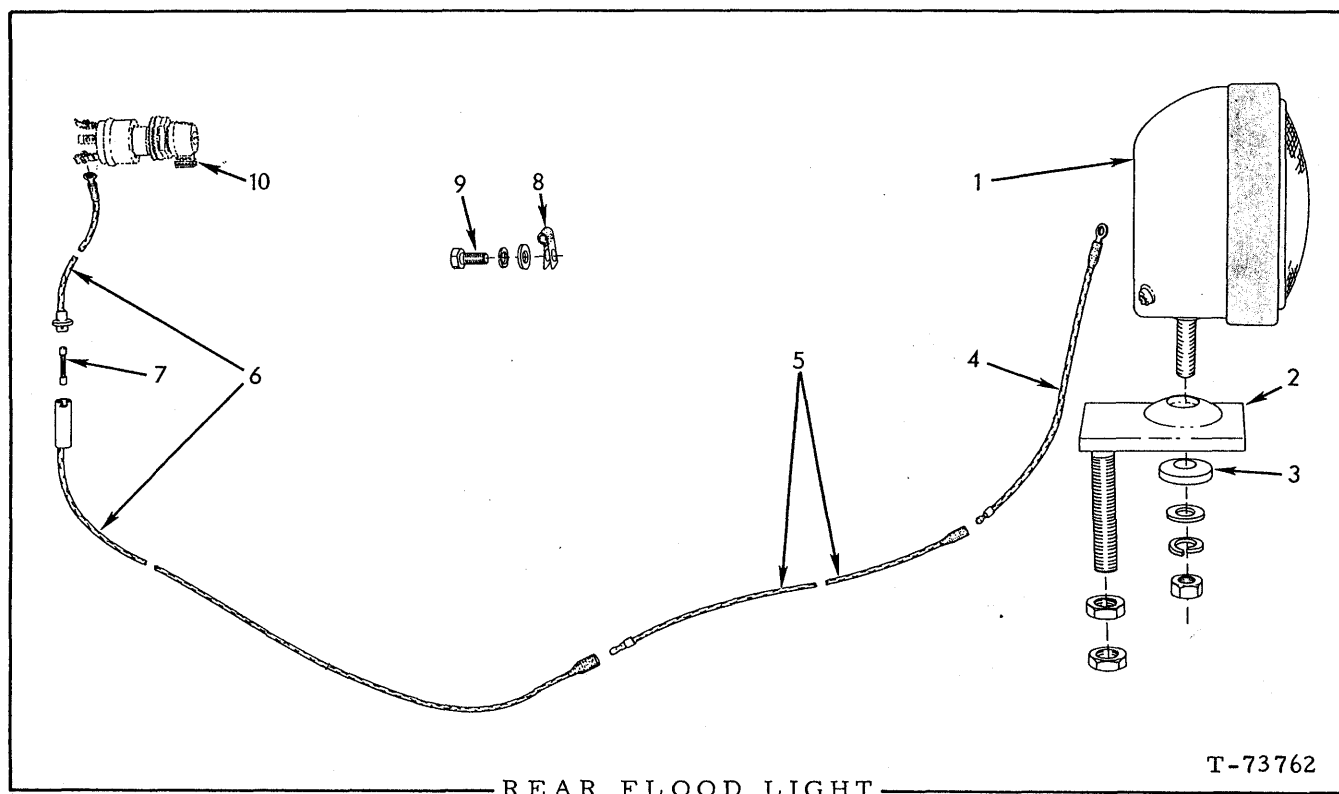
NOTE: Quantities indicated are for one (1) light only

1	182763	1	SEALED BEAM (24 volt)
2	621428	1	RETAINER (rubber)
3	621724	2	CABLE, sealed beam (Includes terminals)
4	-----	1	BODY ASSEMBLY (Not serviced separately)
5	912731	2	SCREW, terminal(#8-32NC x 5/16")



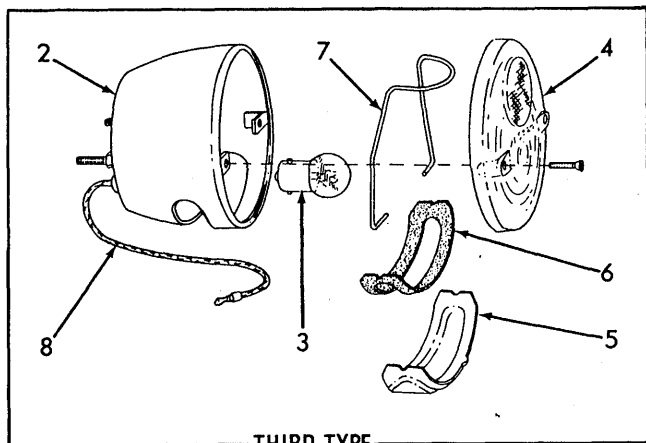
USAGE: Special equipment for Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

ITEM	PART NO.	QTY.	DESCRIPTION
1	621429	1	LIGHT ASSEMBLY (See page 325 for parts)
	900818	1	WASHER, plain, U.S. std., 1/2"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2"NF
2	095039	1	BRACKET, mounting
	913014	2	CAPSCREW, 3/8"NF x 1-1/8"
	904206	2	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8"NF
3	075535	1	WASHER, light mounting
4	068367	1	CABLE, rear section (9" long)
5	655438	1	CABLE ASSEMBLY, front section (114" long) (Includes item 6)
6	208960	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes
7	639388	6	CLIP, front cable (1/8" diam., 13/32" bolt-hole)
8	036032	1	CAPSCREW, 3/8"NF x 3/4"
	904206	1	LOCKWASHER, 3/8"
	911041	1	NUT, 3/8"NF
9	-----	1	SWITCH (See LIGHTS AND WIRING)

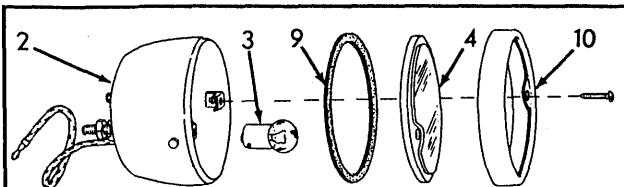


USAGE: Special equipment for Model HD6E tractor serial No. 14484 and up

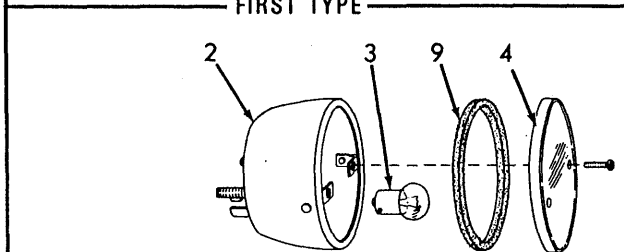
ITEM	PART NO.	QTY.	DESCRIPTION
1	621429	1	LIGHT ASSEMBLY (See page 325 for parts)
	900818	1	WASHER, plain, U.S. std. 1/2"
	904208	1	LOCKWASHER, 1/2"
	911043	1	NUT, 1/2"NF
2	094630	1	BRACKET, mounting
	911044	2	NUT, 5/8"NF
3	075535	1	WASHER, mounting
4	068367	1	CABLE, rear section (9" long)
5	656152	1	CABLE, intermediate section (19" long)
6	655438	1	CABLE ASSEMBLY, front section (114" long. Includes item 7)
7	208960	1	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes
8	639388	3	CLIP, cable supporting (1/8" diam., 13/32" bolt-hole)
	640704	3	CLIP, cable supporting, (1/8" diam., 17/32" bolt-hole)
9	915408	3	CAPSCREW, 3/8"NC x 3/4"
	904206	3	LOCKWASHER, 3/8"
	911115	3	WASHER, plain, SAE std., 3/8"
10	-----	1	SWITCH (See LIGHTS AND WIRING)



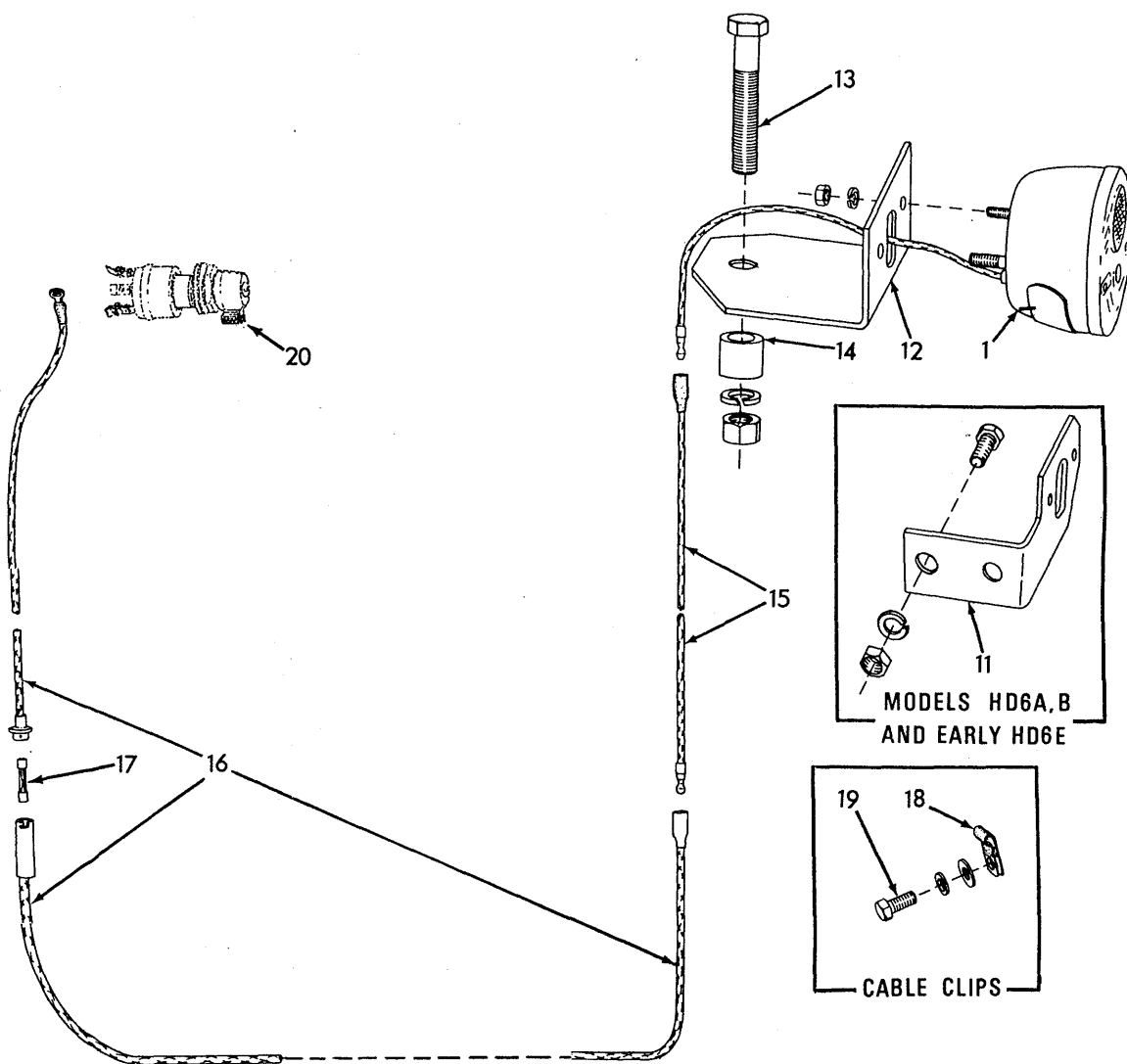
THIRD TYPE



FIRST TYPE



SECOND TYPE



MODELS HD6A,B
AND EARLY HD6E

CABLE CLIPS

TAIL LIGHT

T-73761

TAIL LIGHT

USAGE: Special equipment

*Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484.

***Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	-----	1 -	LIGHT ASSEMBLY, tail (Used prior to September 1961. Order LIGHT ASSEMBLY 654652)
	-----	1 1	LIGHT ASSEMBLY, tail (Used September 1961 thru May 1967)(Order 654652 LIGHT ASSEMBLY)
	654652	1 1	LIGHT ASSEMBLY (Consists of items 2 thru 8)(Effective June 1967)
	904204	2 2	LOCKWASHER, 1/4"
	911024	2 2	NUT, 1/4"NC
2	-----	1 1	BODY ASSEMBLY (Not serviced separately)
3	074452	1 1	BULB, incandescent, single contact, 6 c. p., 24 volt
4	068405	1 -	LENS, tail light (3-1/2"O.D.)(Used prior to September 1961)
	-----	1 1	LENS, tail light (3-11/16"O. D.)(Used September 1961 thru May 1967)
	917883	2 2	SCREW, thread-cutting, rd-hd., #8 x 5/8"
	654991	1 1	LENS, tail light (red)(Effective June 1967)
	654990	2 2	SCREW, retaining
5	654988	1 1	LENS-SEGMENT, tail light (Clear)
6	654989	1 1	GASKET, lens-segment
7	654987	1 1	CLIP, lens-segment, retaining
8	654986	1 1	WIRE ASSEMBLY, tail light (Includes insulting bushing)
9	068399	1 1	GASKET, tail light lens (1/16"thick)(Used prior to September 1961)
	629189	1 1	GASKET, tail light lens (3/16" thick)(Used Sept. 1961 thru May 1967)
10	068404	1 -	DOOR, tail light (Used prior to September 1961)
	917883	2 -	SCREW, thread-cutting, rd-hd., #8 x 5/8"
11	095030	1 -	BRACKET, mounting
	916271	2 -	CAPSCREW, 3/8"NC x 1"
	904206	2 -	LOCKWASHER, 3/8"
	911026	2 -	NUT, 3/8"NC
12	067110	- 1	BRACKET, mounting
13	066862	- 1	CAPSCREW, 5/8"NF x 4"
	904209	- 1	LOCKWASHER, 5/8"
	911044	- 1	NUT, 5/8"NF
14	067112	- 1	BLOCK, spacing, mounting bracket
15	656152	- 1	CABLE, rear section (19"long)
16	655438	1 1	CABLE ASSEMBLY, front section (114"long. Includes item 17)

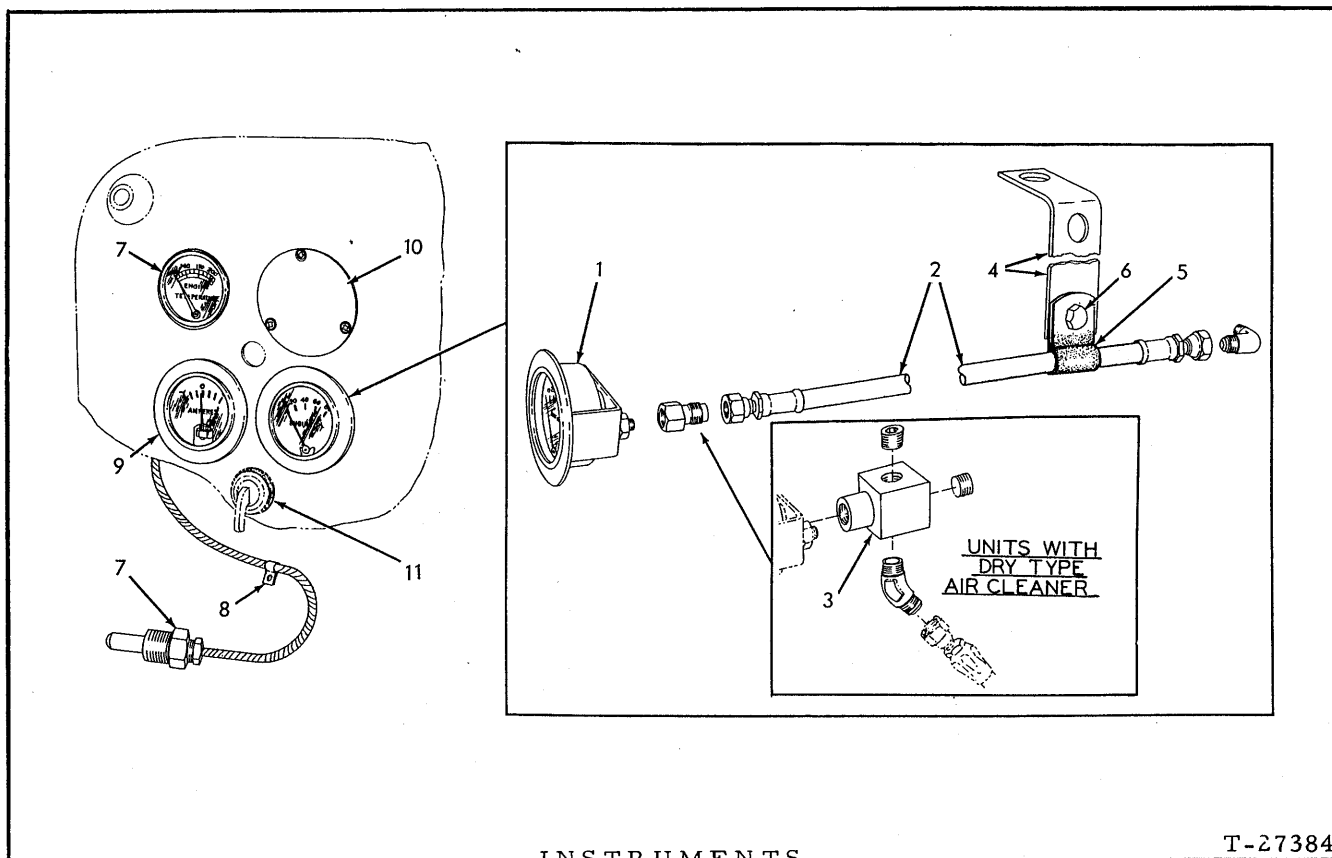
Effective June 1967

(Continued)

TAIL LIGHT (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
17	208960	1 1	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes
18	640704	- 2	CLIP, cable supporting (1/8" diam., 17/32" bolt-hole)
	639388	6 3	CLIP, cable supporting (1/8" diam., 13/32" bolt-hole)
19	915408	1 3	CAPSCREW, 3/8"NC x 3/4"
	904206	1 3	LOCKWASHER, 3/8"
	911115	- 3	WASHER, plain, SAE std., 3/8"
	911026	1 -	NUT, 3/8"NC
20	-----	1 1	SWITCH (See LIGHTS AND WIRING)

MEMO



INSTRUMENTS

T-27384

USAGE: Models HD6A, B; also Model HD6E tractors prior to serial No. 14484

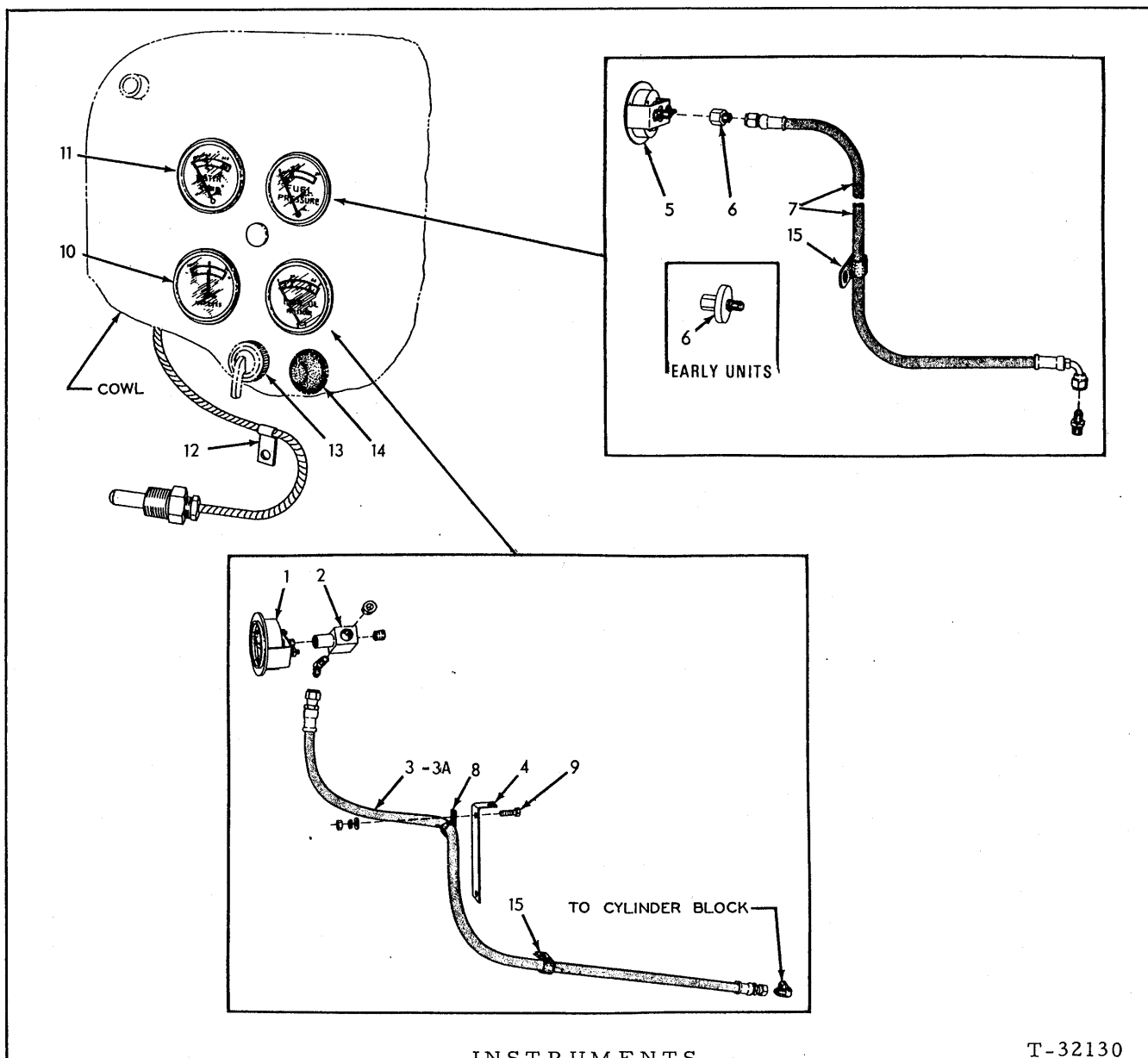
- * Units with oil-bath air cleaner
- ** Units with dry-type air cleaner
- *** Units with dry-type air cleaner and turbocharger

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	658293	1	1	1	GAUGE, engine oil pressure (Includes mounting clamp)
2	644880	1	1	-	HOSE, oil pressure gauge (See HOSE PARTS)
	644328	-	-	1	HOSE, oil pressure gauge (See HOSE PARTS)
	919174	1	-	-	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female
	919464	-	1	1	ELBOW, flare type, 45°, 1/4" tube, 1/8"NPT male
	919173	1	1	-	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT male (Not used on tractors equipped with Heavy-Duty Oil Filter)
	919171	1	1	-	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male (Replaces std. ELBOW 919173 on tractors equipped with Heavy-Duty Oil Filter)
	916993	-	-	1	CONNECTOR, flare type, 1/4" tube, 1/4"NPT female (lower end)
3	094450	-	1	1	TEE, oil gauge line
	910231	-	1	1	PLUG, pipe, hex-socket, 1/8"NPT
	907859	-	1	1	PLUG, pipe, hex-socket, 1/4"NPT
4	656751	1	-	-	BRACKET, hose supporting
	088435	-	1	1	BRACKET, hose supporting

(Continued)

INSTRUMENTS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
5	644006	2	2	2	CLIP, hose supporting
6	915408	1	1	-	CAPSCREW, 3/8"NC x 3/4"
	916269	-	-	1	CAPSCREW, 3/8"NC x 7/8"
	904206	1	1	1	LOCKWASHER, 3/8"
	911026	1	1	1	NUT, 3/8"NC
7	658423	1	1	1	GAUGE, engine temperature (Includes mounting clamp)
8	073809	-	-	1	CLIP, temperature gauge tube
9	658348	1	1	1	AMMETER (Includes mounting clamp)
10	050751	1	1	-	COVER, instrument hole
	918210	3	3	-	SCREW, thread-cutting, #6 x 1/2" (Includes lockwasher)
11	-----	1	1	1	SWITCH (See LIGHTS AND WIRING)



USAGE: Model HD6AG; also HD6E tractors serial No. 14484 and up

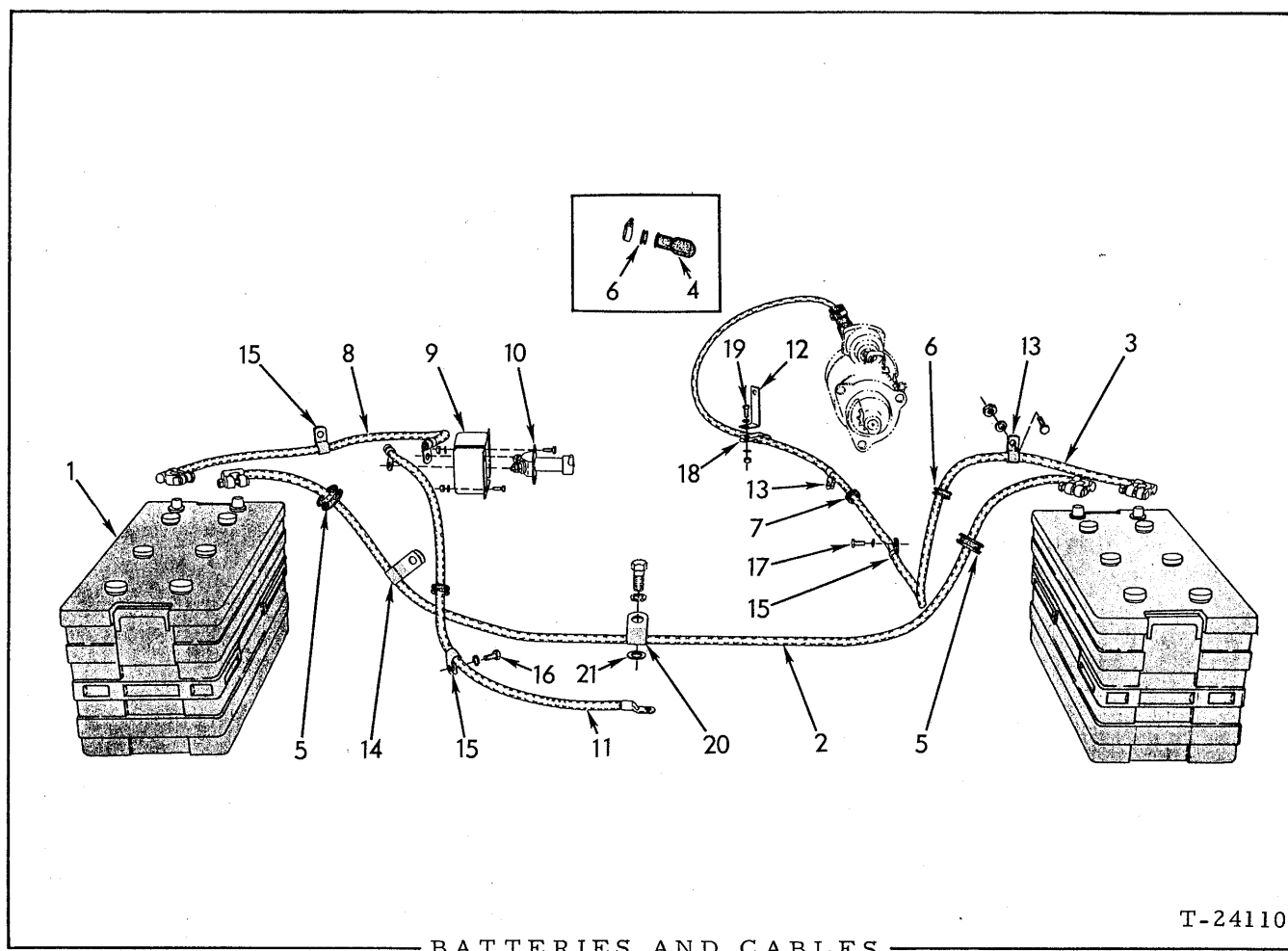
* HD6AG
** HD6E

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	658293	1	1	GAUGE, engine oil pressure (Includes mounting clamp)
2	094450	1	1	TEE, oil gauge line
	910231	1	1	PLUG, pipe, hex-socket, 1/8"NPT
	907859	1	1	PLUG, pipe, hex-socket, 1/4"NPT (Not used when Hour Meter is installed)
	907059	1	-	ELBOW, street, 90°, 1/8"NPT (Tractors #21212 and up including 21146, 21155, 21168, 21179, 21190, 21201)

(Continued)

INSTRUMENTS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
3	644880	-	1	HOSE, oil pressure gauge (See HOSE PARTS)
	919464	-	1	ELBOW, flare type, 45°, 1/4" tube, 1/8"NPT male
	919173	-	1	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT male (Not used on tractors equipped with Heavy-Duty Oil Filter)
	919171	-	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male (Replaces std. ELBOW 919173 on tractors equipped with Heavy-Duty Oil Filter)
3A	644328	1	-	HOSE, oil pressure gauge (See HOSE PARTS)(Tractors prior to #21212 excluding 21146, 21155, 21168, 21179, 21190, 21201)
	644880	1	-	HOSE, oil pressure gauge (See HOSE PARTS)(Tractors #21212 and up including 21146, 21155, 21168, 21179, 21190, 21201)
	919464	1	-	ELBOW, flare type, 45°, 1/4" tube, 1/8"NPT male (upper end)
	916993	1	-	CONNECTOR, flare type, 1/4" tube, 1/4"NPT female (lower end)
4	088435	1	1	BRACKET, hose supporting
5	658349	1	1	GAUGE, fuel pressure (Includes mounting clamp)
6	088534	1	1	RESTRICTOR, pressure gauge line (Tractors prior to #20211)
	919174	1	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT female (Tractors #20211 and up)(Not for HD6AG tractors #21212 and up including 21146, 21155, 21168, 21179, 21190, 21201)
	919249	1	-	ELBOW, flare type, 90°, 1/4" tube, 1/8"NPT female (Tractors #21212 and up including 21146, 21155, 21168, 21179, 21190, 21201)
7	646931	-	1	HOSE (See HOSE PARTS)(Used with oil-bath air cleaner)
	644329	1	1	HOSE ASSEMBLY (See HOSE PARTS) (Used with dry-type air cleaner)
	919171	1	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
8	094527	1	-	CLIP, oil pressure gauge hose
	644006	-	1	CLIP, oil pressure gauge hose
9	916279	1	1	CAPSCREW, 3/8"NC x 7/8"
	911115	1	1	WASHER, plain, SAE std., 3/8"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
10	658348	1	1	AMMETER (Includes mounting clamp)
11	658423	1	1	GAUGE, engine temperature (Includes mounting clamp)
12	073809	1	1	CLIP, engine temperature gauge tube
13	-----	1	1	SWITCH (See LIGHTS AND WIRING)
14	-----	1	1	SWITCH (See STARTER)
15	644006	-	2	CLIP, hose supporting



USAGE: Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

* Tractors prior to serial No. 21637

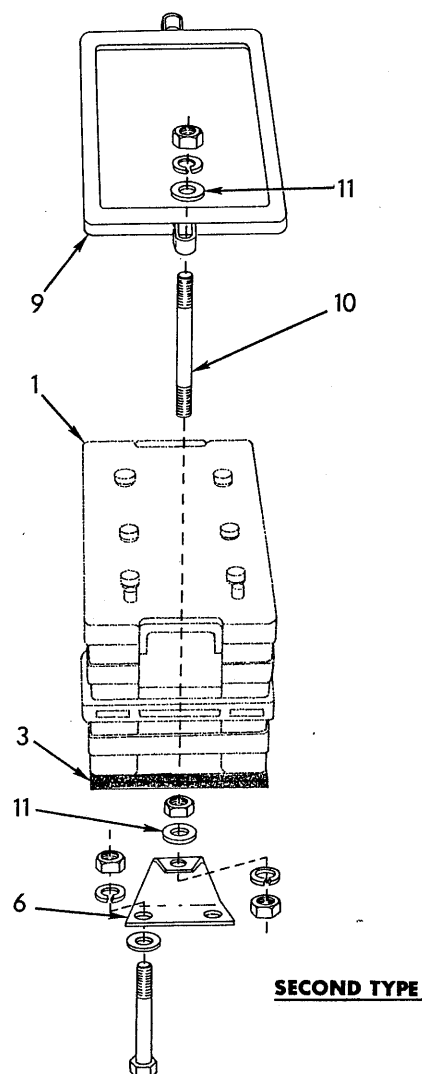
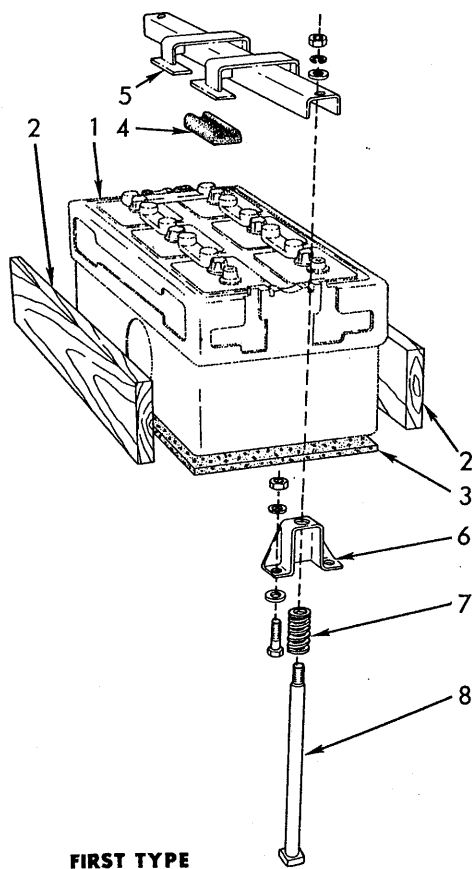
** Tractor serial No. 21637 and up

ITEM	PART NO.	QTY. * **		DESCRIPTION
1	-----	2	-	BATTERY, storage, 12 volts, 21 plates ("Prestolite" type D-4. Order from local dealer)
	248922	-	2	BATTERY, storage, 12 volts, dry charged (Each require 14 qts. electrolyte)
1A	243526	1	1	ELECTROLYTE ("Z" pack - 6.1 quarts)
	243527	1	1	ELECTROLYTE ("F" pack - 5 gallons)
1B	243528	1	1	HOSE, electrolyte dispensing (For use with 5 - gallon pack)
2	094103	1	1	CABLE, battery connecting (62" long)
3	094102	1	1	CABLE, battery to starter (95" long)
4	076572	1	1	BOOT, protecting, starter terminal
	921911	1	1	CLAMP, hose, 11/16" to 1-1/4" diam.
5	029466	2	2	CROMMET, cable protecting (rubber)
6	040842	3	3	GROMMET, cable protecting (rubber)

(Continued)

BATTERIES AND CABLES (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
7	040758	1	1	GROMMET, cable protecting (rubber)
8	098915	1	1	CABLE, battery to master switch (24" long)
9	098099	1	1	BOX, master switch
	915343	4	4	CAPSCREW, 1/4"NC x 5/8"
	904204	4	4	LOCKWASHER, 1/4"
	911024	4	4	NUT, 1/4"NC
10	096908	1	1	SWITCH ASSEMBLY, master (Serviced only as a unit)
	915343	2	2	CAPSCREW, 1/4"NC x 5/8"
	904204	2	2	LOCKWASHER, 1/4"
	911024	2	2	NUT, 1/4"NC
11	098914	1	1	CABLE, master switch to ground (30" long)
12	096041	1	1	ANGLE, clip supporting
13	620063	2	2	CLIP, cable supporting (1/2" diam., 17/32" bolt-hole, short type)
	916310	1	1	CAPSCREW, 1/2"NC x 1"
	904208	1	1	LOCKWASHER, 1/2"
	911028	1	1	NUT, 1/2"NC
14	641504	2	2	CLIP, cable supporting (1/2" diam., 17/32" bolt-hole, long type)
15	094527	6	6	CLIP, cable supporting (1/2" diam., 13/32" bolt-hole)
16	916381	1	1	CAPSCREW, 3/8"NF x 3/4"
17	916381	5	-	CAPSCREW 3/8"NF x 3/4" (Early Units)
	915408	5	5	CAPSCREW, 3/8"NC x 3/4" (Late units)
	904206	6	6	LOCKWASHER, 3/8"
18	641555	1	1	CLIP, cable supporting (For two 1/2" diam. lines, 13/32" bolt-hole)
19	915408	1	1	CAPSCREW, 3/8"NC x 3/4"
	911115	1	1	WASHER, plain,SAE std., 3/8"
	904206	1	1	LOCKWASHER, 3/8"
	911026	1	1	NUT, 3/8"NC
20	641554	1	1	CLIP, battery connecting cable (7/16" diam., 21/32" bolt-hole)
21	060553	1	1	WASHER, plain



BATTERY MOUNTING

T-75403

USAGE: Models HD6A, B, AG; also Model HD6E tractor prior to serial No. 14484

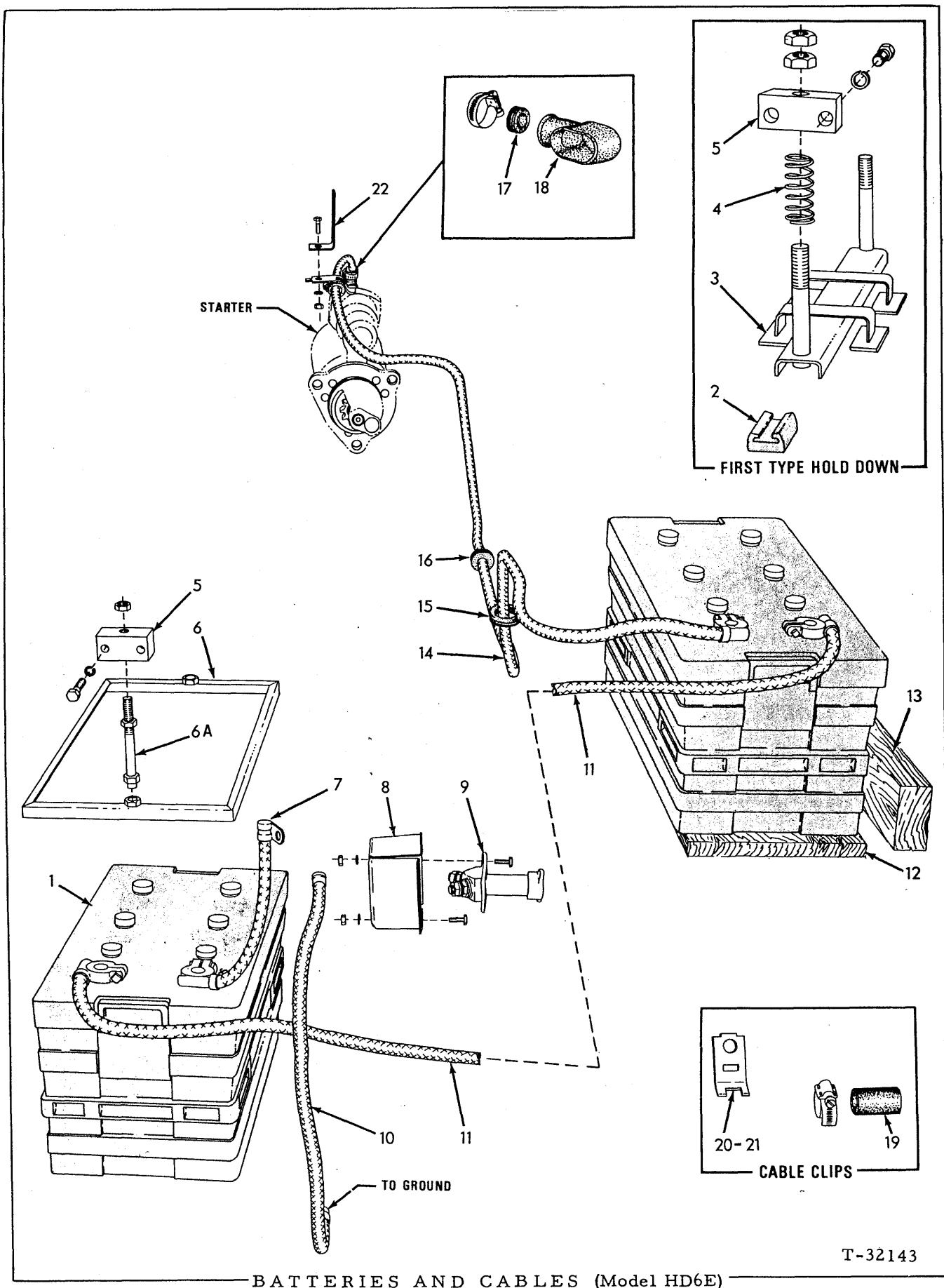
* Tractors prior to serial No. 21637
 ** Tractors serial No. 21637 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	-----	- -	BATTERY, storage (See BATTERIES AND CABLES)
2	-----	4 -	BOARD, battery spacing (Procure locally as required)
3	085680	2 2	PAD, battery bottom
4	052791	8 -	BLOCK, hold-down (rubber)
5	093344	2 -	HOLD-DOWN, battery

(Continued)

BATTERY MOUNTING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	081867	4	-	BRACKET, hold-down bolt
	662745	-	4	BRACKET, hold-down rod
	916313	8	8	CAPSCREW, 1/2"NC x 1-3/4"
	064531	8	8	WASHER, plain
	904208	8	8	LOCKWASHER, 1/2"
	911028	8	8	NUT, 1/2"NC
7	081404	4	-	SPRING, hold-down bolt
8	057567	4	-	BOLT, hold-down
	910244	4	-	WASHER, plain, SAE std., 1/2"
	904208	4	-	LOCKWASHER, 1/2"
	911043	4	-	NUT, 1/2"NF
9	662760	-	2	HOLD-DOWN, battery
10	619814	-	4	ROD, battery hold-down
	904208	-	8	LOCKWASHER, 1/2"
	911043	-	12	NUT, 1/2"NF
11	064531	-	8	WASHER, plain, battery hold-down rod



T-32143

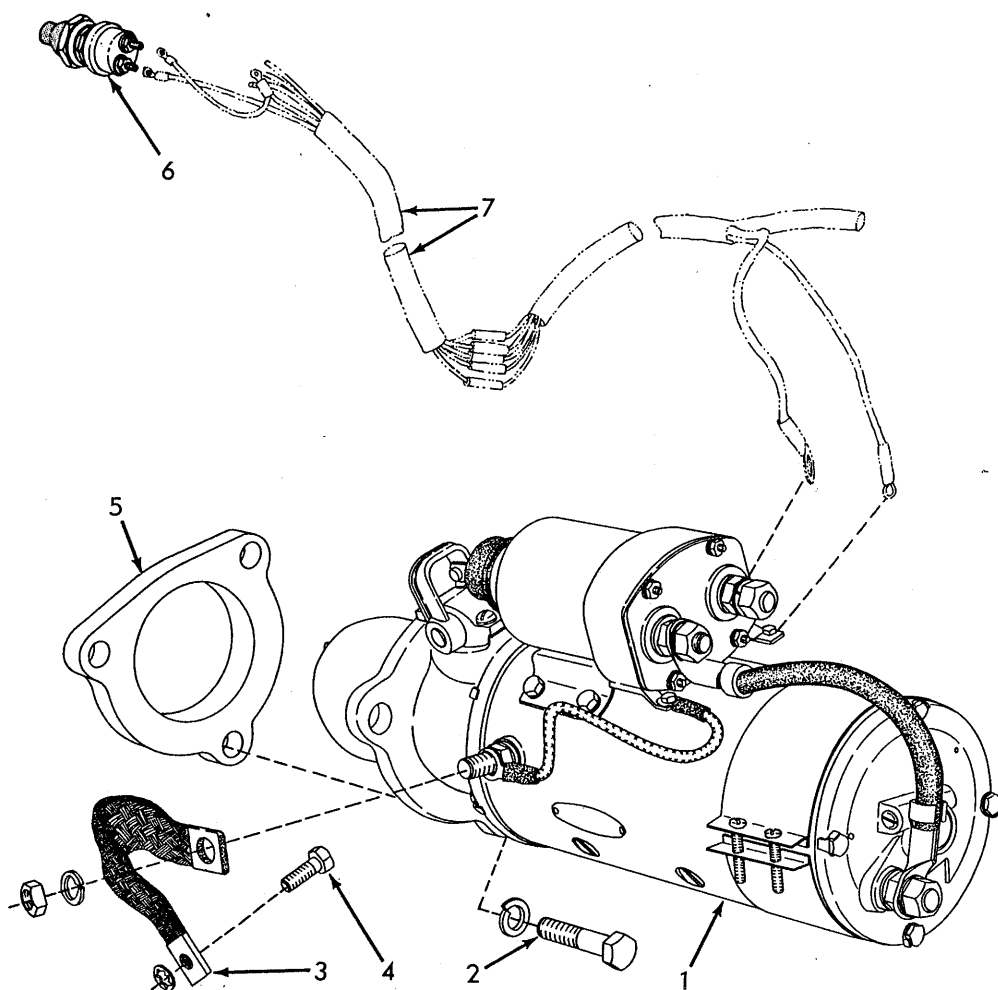
BATTERIES AND CABLES (Model HD6E)

USAGE: Model HD6E tractors serial No. 14484 and up

* Tractors prior to serial No. 21637

** Tractors serial No. 21637 and up

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	2	-	BATTERY, storage, 12 volts, 21 plates ("Prestolite" type D-4. Order from local dealer)
	248922	-	2	BATTERY, storage, 12 volts, dry charged (Each requires 14 qts. electrolyte)
1A	243526	1	1	ELECTROLYTE ("Z" pack - 6.1 quarts)
	243527	1	1	ELECTROLYTE ("F" pack - 5 gallons)
1B	243528	1	1	HOSE, electrolyte dispensing (For use with 5 - gallon pack)
2	052791	8	-	BLOCK, hold-down (rubber)
3	620161	2	-	HOLD-DOWN, battery
	910847	8	-	NUT, jam, 3/4"NF
4	081404	4	-	SPRING, hold-down bolt
5	097982	4	-	BLOCK, battery hold-down
	663792	-	4	BLOCK, battery hold-down
	916028	8	8	CAPSCREW, 1/2"NF x 1-3/4"
	904208	8	8	LOCKWASHER, 1/2"
6	665885	-	2	HOLD-DOWN, battery
6A	663771	-	4	ROD, battery hold-down
	911028	-	4	NUT, 1/2"NC
7	628488	1	1	CABLE, battery to master switch (5-5/8" long)
8	098099	1	1	BOX, master switch
	915343	4	4	CAPSCREW, 1/4"NC x 5/8"
	904204	4	4	LOCKWASHER, 1/4"
	911024	4	4	NUT, 1/4"NC
9	096908	1	1	SWITCH ASSY., master (Serviced only as a unit)
	915343	2	2	CAPSCREW, 1/4"NC x 5/8"
	904204	2	2	LOCKWASHER, 1/4"
	911024	2	2	NUT, 1/4"NC
10	624336	1	1	CABLE, master switch to ground (23" long)
11	624334	1	1	CABLE, battery connecting (47" long)
12	085680	2	2	PAD, battery bottom
	-----	-	2	BOARD, battery bottom (Procure locally)
13	-----	2	-	BOARD, battery side (Procure locally)
14	624335	1	1	CABLE, battery to starter (100" long)
15	098372	1	1	GROMMET, cable protecting (rubber, 1" hole)
16	040758	1	1	GROMMET, cable protecting (rubber, 1/2" hole)
17	040842	1	1	GROMMET, cable protecting (rubber, 11/16" hole)
18	076572	1	1	BOOT, protecting, starter terminal
	921912	1	1	CLAMP, hose, 1-1/16" to 2" diam.
19	097611	10	10	BOOT, cable protecting
	921911	10	10	CLAMP, hose, 11/16" to 1-1/4" diam.
20	084895	1	1	CLIP, cable supporting (9/16" diam. bolt-hole)
21	633653	6	6	CLIP, cable supporting (7/16" diam. bolt-hole)
	915408	3	3	CAPSCREW, 3/8"NC x 3/4"
	916271	3	3	CAPSCREW, 3/8"NC x 1"
	904206	6	6	LOCKWASHER, 3/8"
	911026	3	3	NUT, 3/8"NC
	044973	3	3	WASHER, plain
22	096041	1	1	ANGLE, clip supporting

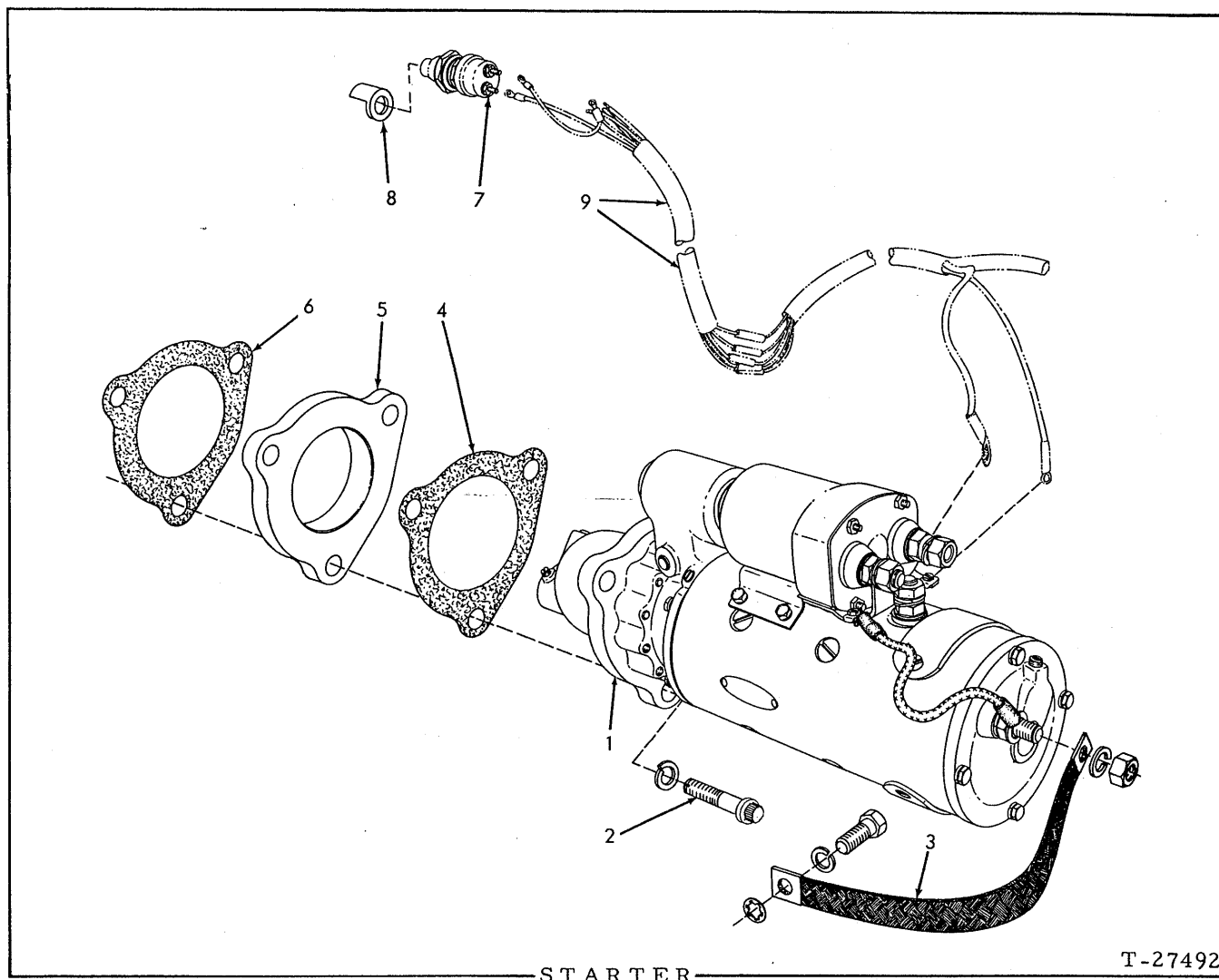


STARTER

T-24019

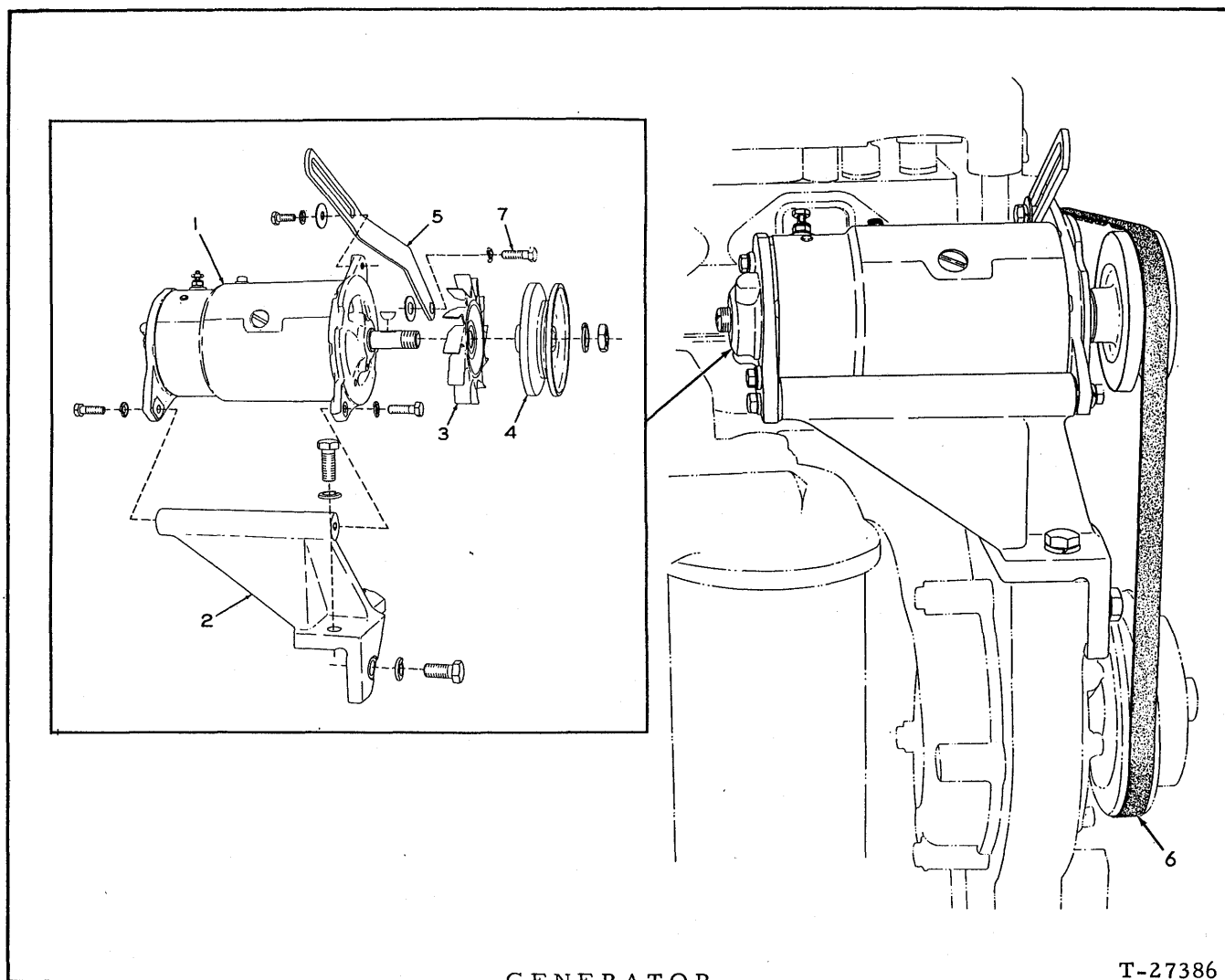
USAGE: Model HD6A, B tractors prior to serial No. 14754; also Model HD6E tractors prior to serial No. 14484. Not used on units equipped with oil clutch.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4387529	1	MOTOR, starting (Delco-Remy #1113898. Was formerly #1113828. Order parts from local United Motors Service Agency)
2	023755	3	CAPSCREW, 5/8"NC x 2-1/4"
	904209	3	LOCKWASHER, 5/8"
3	089621	1	STRAP, starter to ground
4	036034	1	CAPSCREW, 3/8"NF x 1"
	906960	1	LOCKWASHER, int-tooth, 3/8"
5	4348140	1	ADAPTER, starting motor
6	240962	1	SWITCH ASSEMBLY, push-button (Includes mounting nut)
7	-----	1	WIRING HARNESS (See LIGHTS AND WIRING)



USAGE: Standard equipment on Models HD6A, B, AG tractors serial No. 14754 and up; also on Model HD6E tractors serial No. 14484 and up. Also used on prior units equipped with optional oil clutch.

ITEM	PART NO.	QTY.	DESCRIPTION
1	4387529	1	MOTOR, starting (Delco-Remy #1113898. Was formerly #1113895. Order parts from local United Motors Service Agency)
2	925220	3	SCREW, 12-point, Nylok, 5/8"NC x 2-1/2"
	904209	3	LOCKWASHER, 5/8"
3	623545	1	STRAP, starter to ground
	920603	1	CAPSCREW, 1/2"NF x 1-1/8"
	904208	1	LOCKWASHER, regular, 1/2"
	906961	1	LOCKWASHER, int-tooth, 1/2"
4	620366	1	GASKET, starting motor
5	621308	1	ADAPTER, starting motor
6	620365	1	GASKET, starting motor adapter
7	240962	1	SWITCH ASSEMBLY, push-button (Includes mounting nut)
8	634677	1	GUARD, starter switch
9	-----	1	WIRING HARNESS (See LIGHTS AND WIRING)



GENERATOR

T-27386

* Engines prior to serial No. 6-15442 (Ventilated generator)
 ** Engines serial No. 6-15442 and up (Sealed generator)

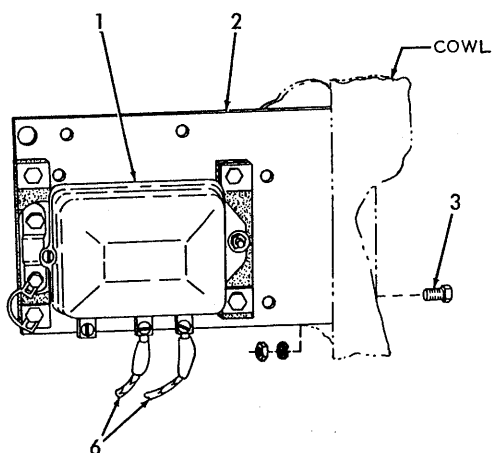
ITEM	PART NO.	QTY. * **		DESCRIPTION
1	-----	1	-	GENERATOR ASSEMBLY ("Delco-Remy"#1103027) (Order GENERATOR ASSEMBLY 4058931)
	-----	-	1	GENERATOR ASSEMBLY ("Delco-Remy"#1103028) (Used prior to engine #6-23260. Order GENERATOR ASSEMBLY 4058931)
	921422	2	2	CAPSCREW, 5/16"NC x 1-1/8"
	904205	2	2	LOCKWASHER, 5/16"
	4058931	-	1	GENERATOR ASSEMBLY (Includes key, nut and washer for pulley. "Delco-Remy"#1103032) (Effective with engine #6-23260)
	919224	-	2	CAPSCREW, 3/8"NC x 1-1/8"
	904206	-	2	LOCKWASHER, 3/8"

Order parts
 from local
 United Motors
 Service Agency

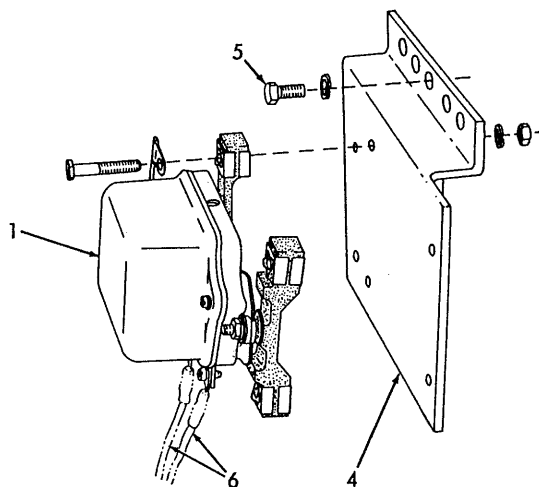
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GENERATOR (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	4349952	1	1	BRACKET, mounting (Used prior to engine #6-23260)
	4354581	-	1	BRACKET, mounting (Effective with engine #6-23260)
	920582	1	1	CAPSCREW, 1/2"NC x 1-1/4"
	920583	2	2	CAPSCREW, 1/2"NC x 1-1/2"
	904208	3	3	LOCKWASHER, 1/2"
3	4513922	1	-	FAN, cooling
4	4349676	1	1	PULLEY (cast iron)(Used prior to engine #6-24637)
	4339504	-	1	PULLEY (Pressed steel)(Effective with engine #6-24637)
5	4349961	1	1	BRACE, generator
	915809	1	1	CAPSCREW, 5/16"NC x 3/4"
	904205	1	1	LOCKWASHER, 5/16"
	901165	1	1	WASHER, plain, U. S. std., 5/16"
6	4349728	1	1	BELT, generator and water pump
7	-----	-	-	CAPSCREW (See FAN)
	914659	1	1	WASHER, plain, SAE std., 9/16"



FIRST TYPE MOUNTING



SECOND TYPE MOUNTING

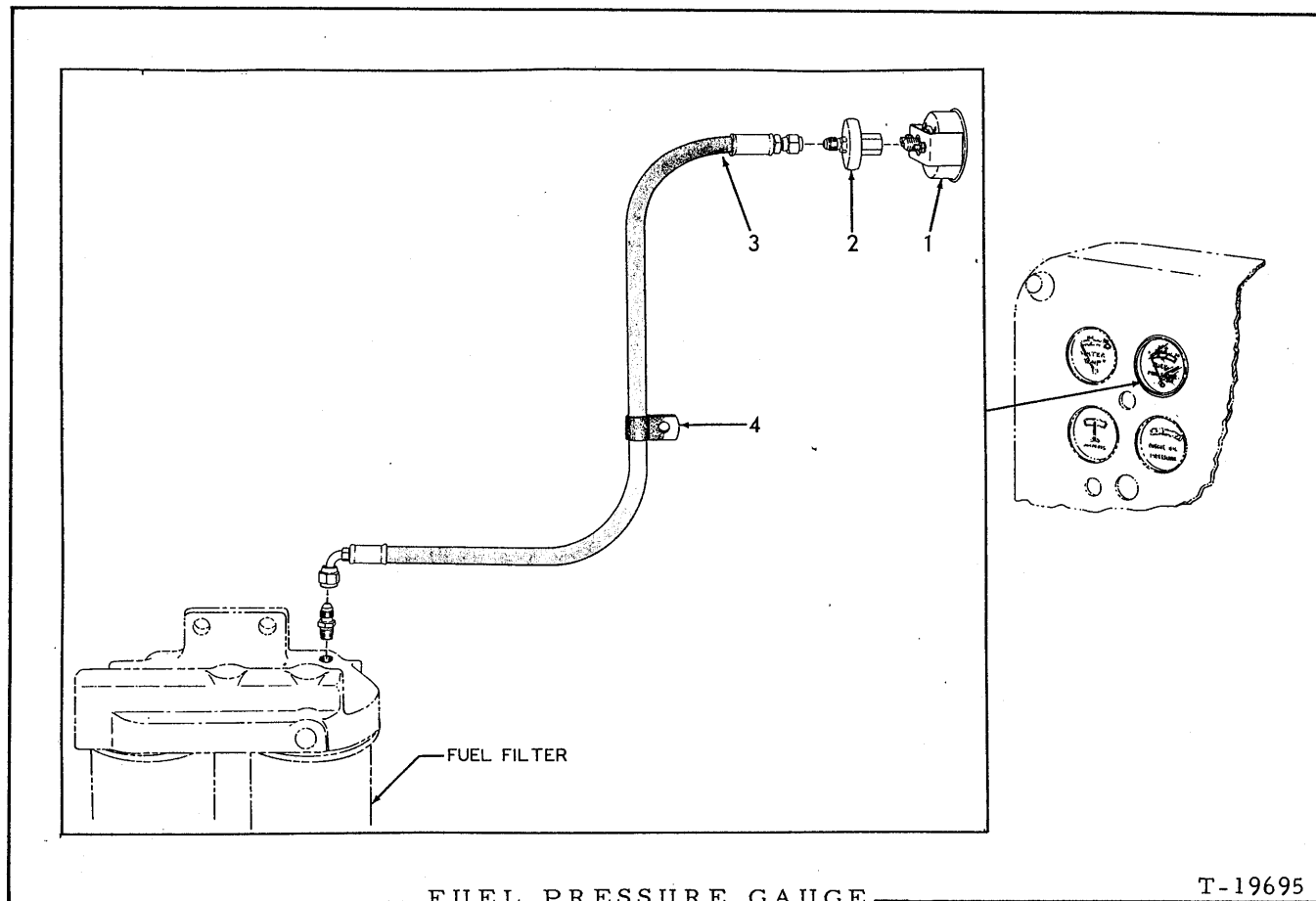
GENERATOR REGULATOR

T-38221

* Units with oil-bath air cleaner. Standard equipment on Models HD6A, B, tractors prior to serial No. 15520 and HD6E tractors prior to serial No. 15530.

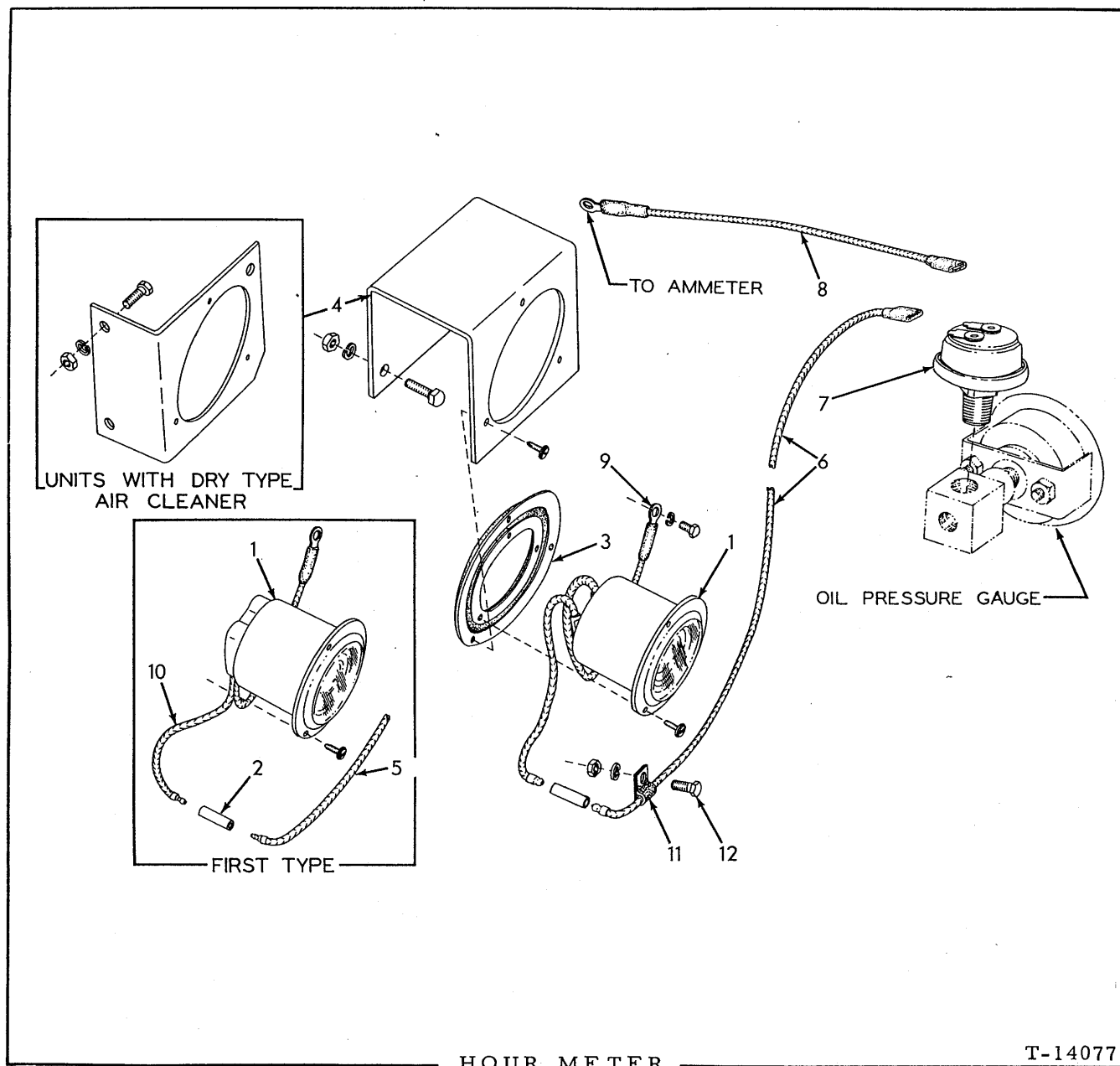
** Units with dry-type air cleaner. Standard equipment on Model HD6A, B, AG tractors serial No. 15520 and up; also on HD6E tractors No. 15530 and up.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	090048	1	1	REGULATOR, voltage and current (Delco-Remy#1119164. Order parts from local United Motors Service agency)
	916286	4	4	CAPSCREW, 1/4"NC x 1-1/2" (Not for HD6E tractors equipped with special turbocharger)
	920638	-	4	CAPSCREW, 1/4"NF x 1-1/4" (HD6E tractors equipped with special turbocharger only)
	904204	4	4	LOCKWASHER, 1/4"
	911024	4	4	NUT, 1/4"NC (Not for HD6E tractors equipped with special turbocharger)
2	091779	1	-	BRACKET, mounting
3	915408	2	-	CAPSCREW, 3/8"NC x 3/4"
	904206	2	-	LOCKWASHER, 3/8"
	911026	2	-	NUT, 3/8"NC
4	623678	-	1	BRACKET, mounting (Not for HD6AG tractors prior to #21212; also not for HD6E tractors equipped with special turbocharger)
5	916225	-	2	CAPSCREW, 3/8NF" x 1"
	904206	-	2	LOCKWASHER, 3/8"
6	-----	-	-	HARNESS, generator to regulator (See LIGHTS AND WIRING)



USAGE: Special equipment for Models HD6A, B; also Model HD6E tractors prior to serial No. 14484.

ITEM	PART NO.	QTY.	DESCRIPTION
1	658349	1	GAUGE, fuel pressure
2	088534	1	RESTRICTOR, pressure gauge line (Early Units)
	919174	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT female (Late Units)
3	646910	1	HOSE ASSEMBLY (See HOSE PARTS)(Units with oil-bath air cleaner)
	644329	1	HOSE ASSEMBLY (See HOSE PARTS)(Units with dry-type air cleaner)
	919171	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT male
4	094527	1	CLIP, hose supporting (1/2" diam.)(Used prior to tractor #18191)
	644006	1	CLIP, hose supporting (9/16" diam.)(Effective with tractor #18191)



USAGE: Special equipment

- * Model HD6A, B tractors prior to serial No. 15429;
also Model HD6E tractors prior to serial No. 14484
- ** Model HD6E tractors serial No. 14484 thru No. 15437
- *** Model HD6A, B, AG; tractors serial No. 15429 and up
- **** Model HD6E tractors serial No. 15437 and up

ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	***	****	
1	-----	1	1	1	1	METER, hour (Order METER 650299)
	918210	3	3	-	-	SCREW, thread-cutting, #6 x 1/2" (Includes lockwasher)
	906692	-	1	-	-	CAPSCREW, 1/4"NC x 3/8" } For ground cable
	904204	-	1	-	-	LOCKWASHER, 1/4" }
	650299	-	-	1	1	METER, hour
	918210	-	-	3	3	SCREW, thread-cutting, #6 x 1/2" (Includes lockwasher)

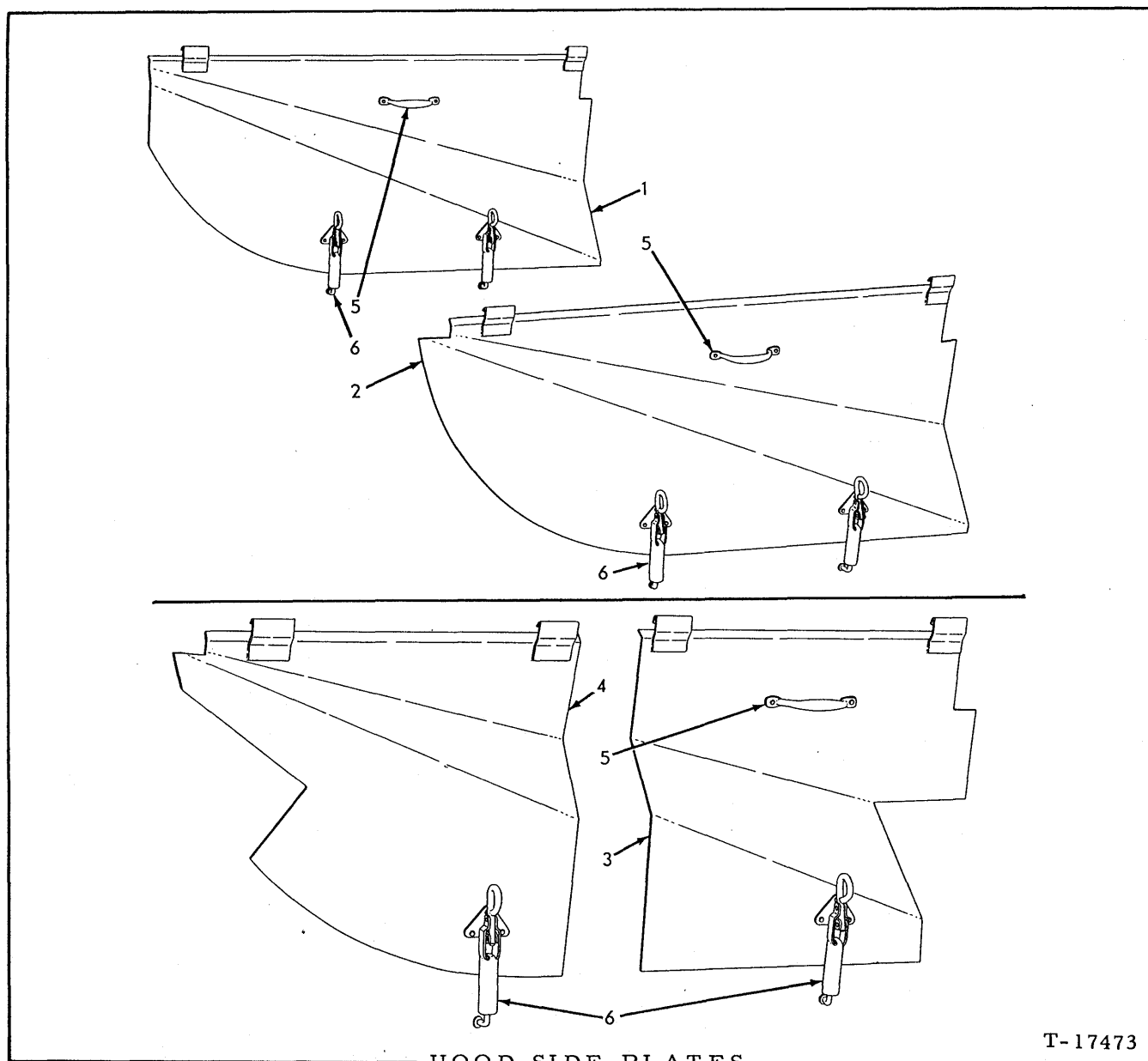
(Continued)

HOUR METER (Continued)

ITEM	PART NO.	QUANTITY				DESCRIPTION
		*	**	***	****	

NOTE: Meter carries manufacturer's warranty and in case of failure should not be returned to Allis-Chalmers. Return "Hobbs" meter to nearest "Stewart-Warner" agency. Return "Hamilton" meter to Hamilton Watch Company, Industrial Products Division, Lancaster, Pa.

2	048142	1	1	-	-	CONNECTOR, meter cable
3	066467	1	1	1	1	DAMPER, vibration
	918210	3	3	3	3	SCREW, thread-cutting, #6 x 1/2" (Includes lock-washer)
	088661	1	-	1	-	BRACKET, mounting (Units with oil-bath air cleaner)
	623677	1	-	1	-	BRACKET, mounting (Units with dry-type air cleaner) (Not for HD6AG tractors prior to #21212 excluding 21146, 21155, 21168, 21179, 21190, 21201)
4	643878	-	-	1	-	BRACKET, mounting (Model HD6AG; tractors prior to #21212)
	912789	2	-	2	-	CAPSCREW, 1/4"NF x 3/4"
	904204	2	-	2	-	LOCKWASHER, 1/4"
	911040	2	-	2	-	NUT, 1/4"NF
5	099219	1	-	-	-	CABLE, meter to pressure switch (28" long)
	629159	-	1	-	-	CABLE, meter to pressure switch (120" long)
	630626	-	-	1	-	CABLE, meter to pressure switch (34" long, screw terminal)(Used prior to Nov. 1963)
	641789	-	-	1	-	CABLE, meter to pressure switch (34" long, spade terminal)(Effective Nov. 1963)
6	630739	-	-	-	1	CABLE, meter to pressure switch (126" long, screw terminal)(Used prior to Nov. 1963)
	641917	-	-	-	1	CABLE, meter to pressure switch, rear section (76" long, spade terminal)
	048142	-	-	-	1	CONNECTOR, cable
	638606	-	-	-	1	CABLE, meter to pressure switch, front section (50" long)
						Effective Nov. 1963
7	050288	1	1	1	1	SWITCH, pressure (screw terminals)(Used prior to Nov. 1963)
	640727	-	-	1	1	SWITCH, pressure (spade terminals)(Effective Nov. 1963)
	605808	1	1	1	1	CABLE, pressure switch to ammeter (10" long, screw terminal)(Used prior to Nov. 1963)
8	630917	-	-	1	1	CABLE, pressure switch to ammeter (8" long, spade terminal)(Effective Nov. 1963)
9	630917	-	-	1	1	CABLE, meter to ground (8" long)
	906692	-	-	-	1	CAPSCREW, 1/4"NC x 3/8"
	904204	-	-	-	1	LOCKWASHER, 1/4"
10	631639	1	1	-	-	CABLE, meter connecting (7-1/2" long)(Used only with item 2 when replacing first type meter with late type)
	640707	-	-	1	-	CLIP, cable supporting (9/32" bolt-hole)
11	066260	-	2	-	2	CLIP, cable supporting (13/32" bolt-hole)
	643877	-	-	1	-	CLIP, cable supporting (17/32" bolt-hole)(For early units equipped with special turbocharger)
	036032	-	2	-	1	CAPSCREW, 3/8"NF x 3/4"
	035244	-	-	-	1	CAPSCREW, 3/8"NC x 3/4"
12	904206	-	2	-	2	LOCKWASHER, 3/8"
	911041	-	1	-	1	NUT, 3/8"NF



T-17473

USAGE: Special equipment. Not for units equipped with optional oil-bath air cleaner.

* Models HD6A, B; also Model HD6E tractors prior to serial No. 14484
 ** Model HD6E tractors serial No. 14484 and up

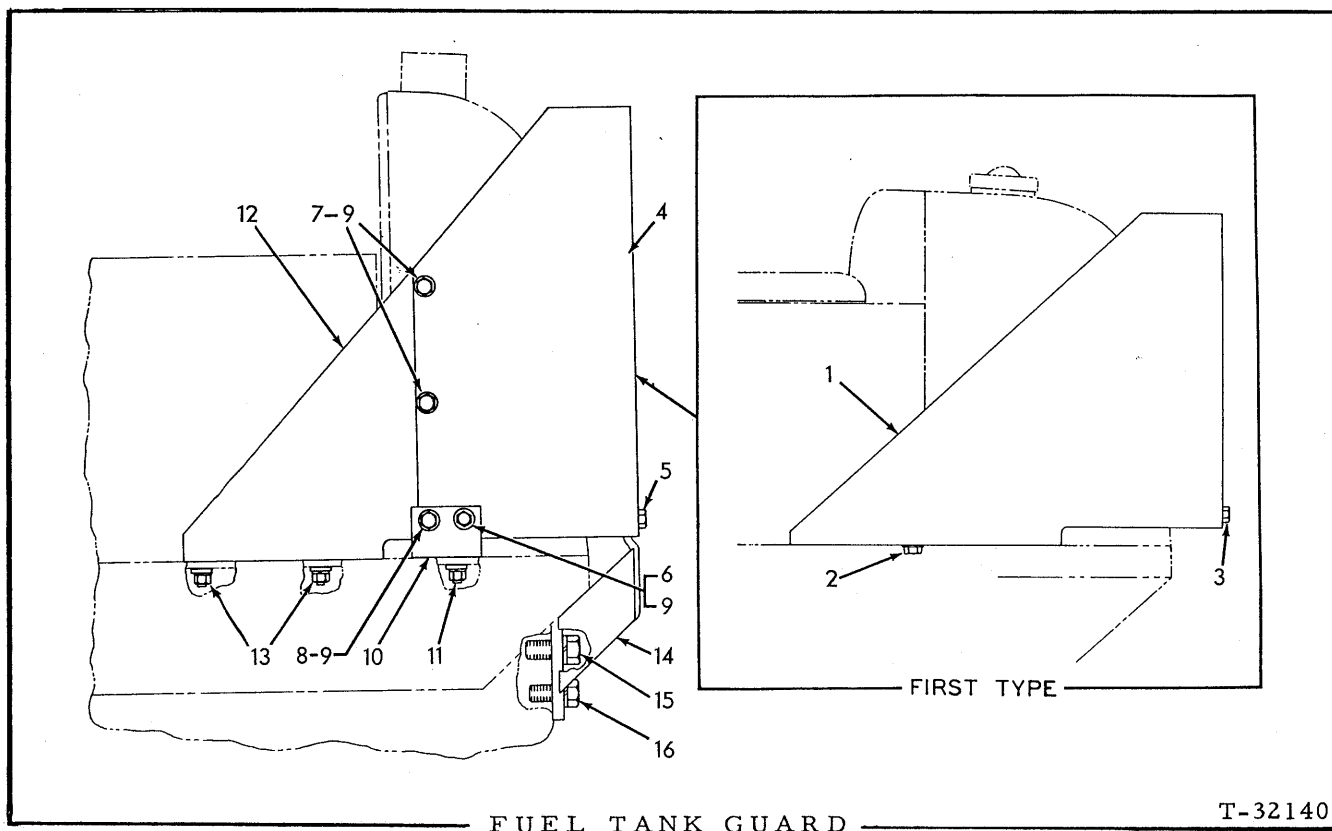
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	090413	1	-	PLATE ASSEMBLY, left side (Includes items 5 and 6)
	624807	-	1	PLATE ASSEMBLY, left side (Includes items 5 and 6)
	090414	1	-	PLATE ASSEMBLY, right side (Includes items 5 and 6)
	624808	-	1	PLATE ASSEMBLY, right side (Includes items 5 and 6)

NOTE: Item 1 is for use only on tractors with standard hinged radiator guard

(Continued)

HOOD SIDE PLATES (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	088887	1	-	PLATE ASSEMBLY, left side (Includes items 5 and 6)
	628025	-	1	PLATE ASSEMBLY, left side (Includes items 5 and 6)
	088888	1	-	PLATE ASSEMBLY, right side (Includes items 5 and 6)
	628026	-	1	PLATE ASSEMBLY, right side (Includes items 5 and 6)
<u>NOTE:</u> Item 2 is for use only on tractors with optional plain wrap-around radiator guard.				
3	620191	1	-	PLATE ASSEMBLY, left side, rear (Includes items 5 and 6)
	627313	-	1	PLATE ASSEMBLY, left side, rear (Includes items 5 and 6)
	620192	1	-	PLATE ASSEMBLY, right side, rear (Includes items 5 and 6)
	627314	-	1	PLATE ASSEMBLY, right side, rear (Includes items 5 and 6)
4	091229	1	-	PLATE ASSEMBLY, left side, front (Includes item 6)
	627317	-	1	PLATE ASSEMBLY, left side, front (Includes item 6)
	091230	1	-	PLATE ASSEMBLY, right side, front (Includes item 6)
	627318	-	1	PLATE ASSEMBLY, right side, front (Includes item 6)
<u>NOTE:</u> Items 3 and 4 are for use only on tractors with optional hydraulic wrap-around radiator guard.				
5	032834	2	2	HANDLE, lifting
	900764	4	4	RIVET, flat-hd., 3/16" x 1/2"
6	033060	4	4	FASTENER, hood latching
	900764	12	12	RIVET, flat-hd., 3/16" x 1/2"



USAGE: Special equipment

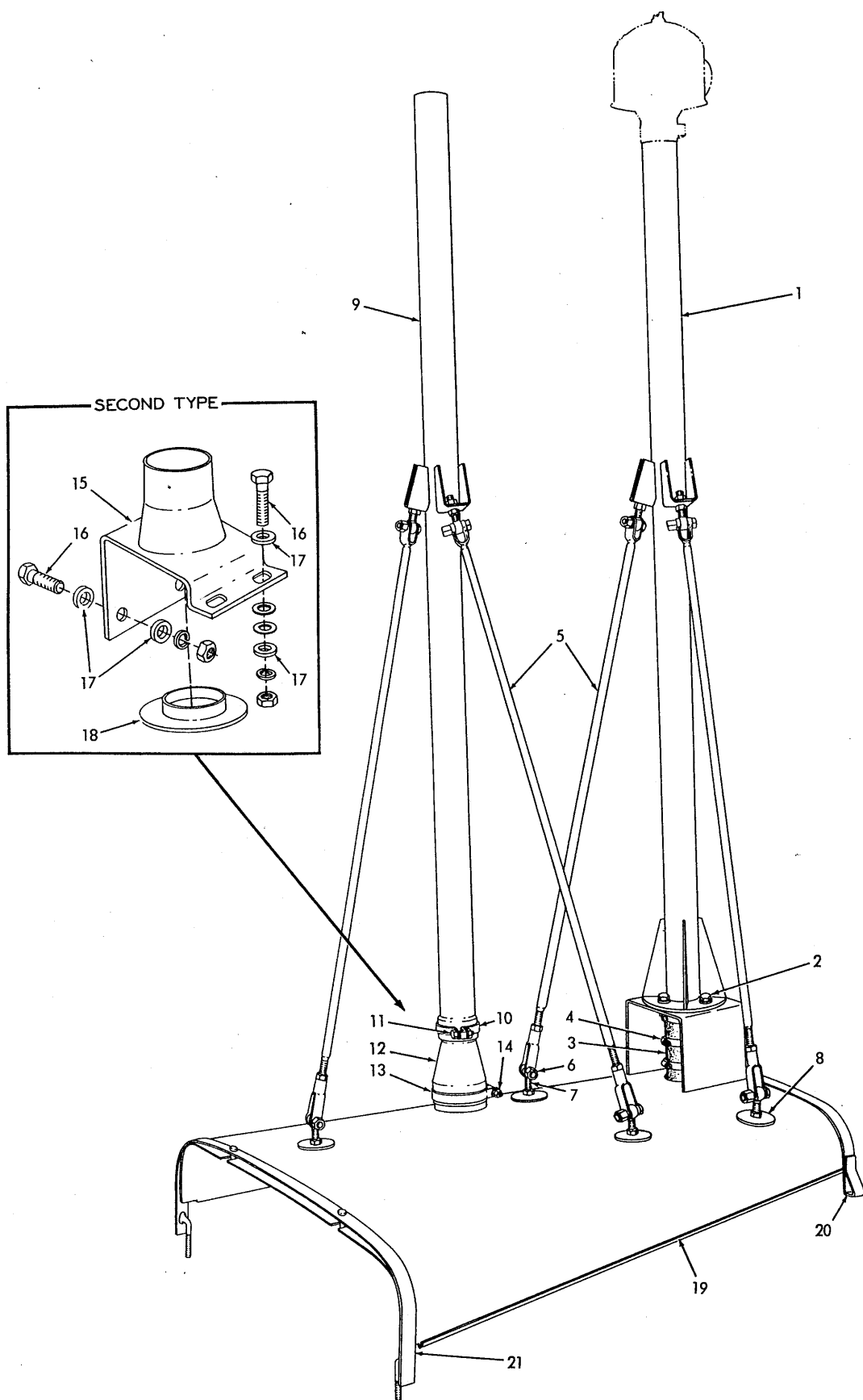
* First type
** Second type

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	-	GUARD, upper (Order items 4 thru 13)
2	035073	6	-	CAPSCREW, 1/2"NF x 1-3/4"
	064531	12	-	WASHER, plain
	904208	6	-	LOCKWASHER, 1/2"
	911043	6	-	NUT, 1/2"NF
3	035018	3	-	CAPSCREW, 1/2"NF x 1-1/2"
	904208	3	-	LOCKWASHER, 1/2"
	911043	3	-	NUT, 1/2"NF
4	628858	-	1	GUARD, upper
5	035018	-	3	CAPSCREW, 1/2"NF x 1-1/2"
6	035067	-	2	CAPSCREW, 1/2"NF x 2"
7	035018	-	4	CAPSCREW, 1/2"NF x 1-1/2" (Early units)
	035190	-	4	CAPSCREW, 1/2"NC x 1-1/2" (Late units)
8	035067	-	2	CAPSCREW, 1/2"NF x 2" (Early units)
	036203	-	2	CAPSCREW, 1/2"NC x 1-3/4" (Late units)
9	064531	-	10	WASHER, plain
	904208	-	11	LOCKWASHER, 1/2"
	911043	-	5	NUT, 1/2"NF
10	629940	-	2	ANGLE, guard attaching
11	035067	-	2	CAPSCREW, 1/2"NF x 2"
	904208	-	2	LOCKWASHER, 1/2"
	911043	-	2	NUT, 1/2"NF
	064531	-	4	WASHER, plain

(Continued)

FUEL TANK GUARD (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
12	{ 648903	-	1	GUARD, left side
	648904	-	1	GUARD, right side
13	035067	-	4	CAPSCREW, 1/2"NF x 2"
	064531	-	8	WASHER, plain
	904208	-	4	LOCKWASHER, 1/2"
	911043	-	4	NUT, 1/2"NF
14	066708	1	1	GUARD, lower
15	631238	2	2	CAPSCREW, Nylok, 1"NC x 2-1/4"
	910916	2	2	LOCKWASHER, 1"
16	631239	2	2	CAPSCREW, Nylok, 7/8"NC x 2"
	905347	2	2	LOCKWASHER, 7/8"



AIR AND EXHAUST EXTENSIONS

T-38181

AIR AND EXHAUST EXTENSIONS

USAGE: Special equipment. Not for turbocharged units.

* Tractors with oil-bath air cleaner
 ** Tractors with dry-type air cleaner

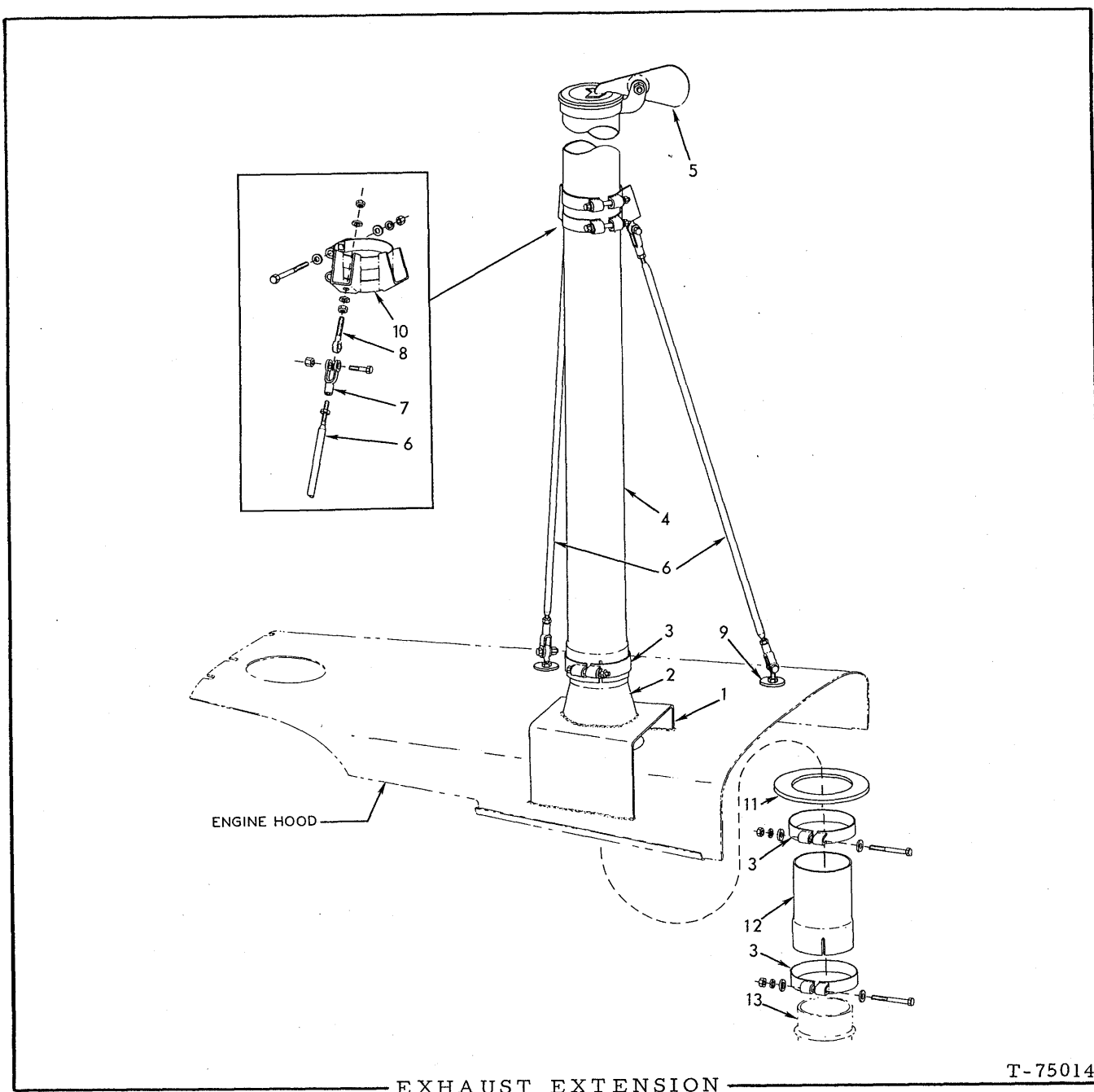
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	087152	1	-	TUBE, extension, air cleaner
	631629	-	1	TUBE, extension, air cleaner
2	916313	4	4	CAPSCREW, 1/2"NC x 1-3/4"
	064531	8	8	WASHER, plain
	904208	4	4	LOCKWASHER, 1/2"
	911028	4	4	NUT, 1/2"NC
3	085648	1	-	HOSE, air cleaner extension tube
	628585	-	1	HOSE, air cleaner extension tube
4	921913	2	-	CLAMP, hose, 1-13/16" to 2-3/4" diam.
	921914	-	2	CLAMP, hose, 2-5/16" to 3-1/4" diam.
5	084227	2	4	ROD, bracing
	911043	2	4	NUT, 1/2"NF
	917666	2	4	YOKE, rod end, adjustable, 1/2"NF
	916028	4	8	CAPSCREW, 1/2"NF x 1-3/4"
6	038234	4	8	NUT, high, 1/2"NF
7	067902	4	8	EYEBOLT, bracing rod
	904208	8	16	LOCKWASHER, 1/2"
	911043	8	16	NUT, 1/2"NF
8	085453	4	8	WASHER, bracing rod eyebolt
9	631615	-	1	TUBE, exhaust extension
10	077247	-	1	CLAMP, exhaust extension tube
11	916273	-	1	CAPSCREW, 3/8"NC x 1-3/4"
	044973	-	1	WASHER, plain
	904206	-	1	LOCKWASHER, 3/8"
	911026	-	1	NUT, 3/8"NC
12	630815	-	1	ADAPTER, exhaust extension
13	646078	-	1	CLAMP, exhaust extension
	041911	-	1	CAPSCREW, 3/8"NF x 3-1/2" (Early units)
14	920613	-	1	CAPSCREW, 3/8"NF x 3" (Late units)
	900817	-	2	WASHER, plain, U.S. std., 3/8"
	904206	-	1	LOCKWASHER, 3/8"
	911041	-	1	NUT, 3/8"NF
15	639483	-	1	ADAPTER, exhaust extension
16	919225	-	4	CAPSCREW, 3/8"NC x 1-3/8"
	911115	-	6	WASHER, plain, SAE std., 3/8"
	904206	-	4	LOCKWASHER, 3/8"
	911026	-	4	NUT, 3/8"NC
17	044973	-	8	WASHER, plain
18	639455	-	1	RING, closure

Used on early units only

(Continued)

AIR AND EXHAUST EXTENSIONS (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
19	087316	1	-	HOOD, engine (For tractors with standard radiator guard)
	631623	-	1	HOOD, engine (For tractors with standard radiator guard)
	089933	1	-	HOOD, engine (For tractors with heavy radiator guard)
20	087233	1	1	STRAP, hood, rear
21	087164	1	1	STRAP, hood, front (For tractors with standard radiator guard)
	089929	2	-	STRAP, hood, front (For tractors with heavy radiator guard)



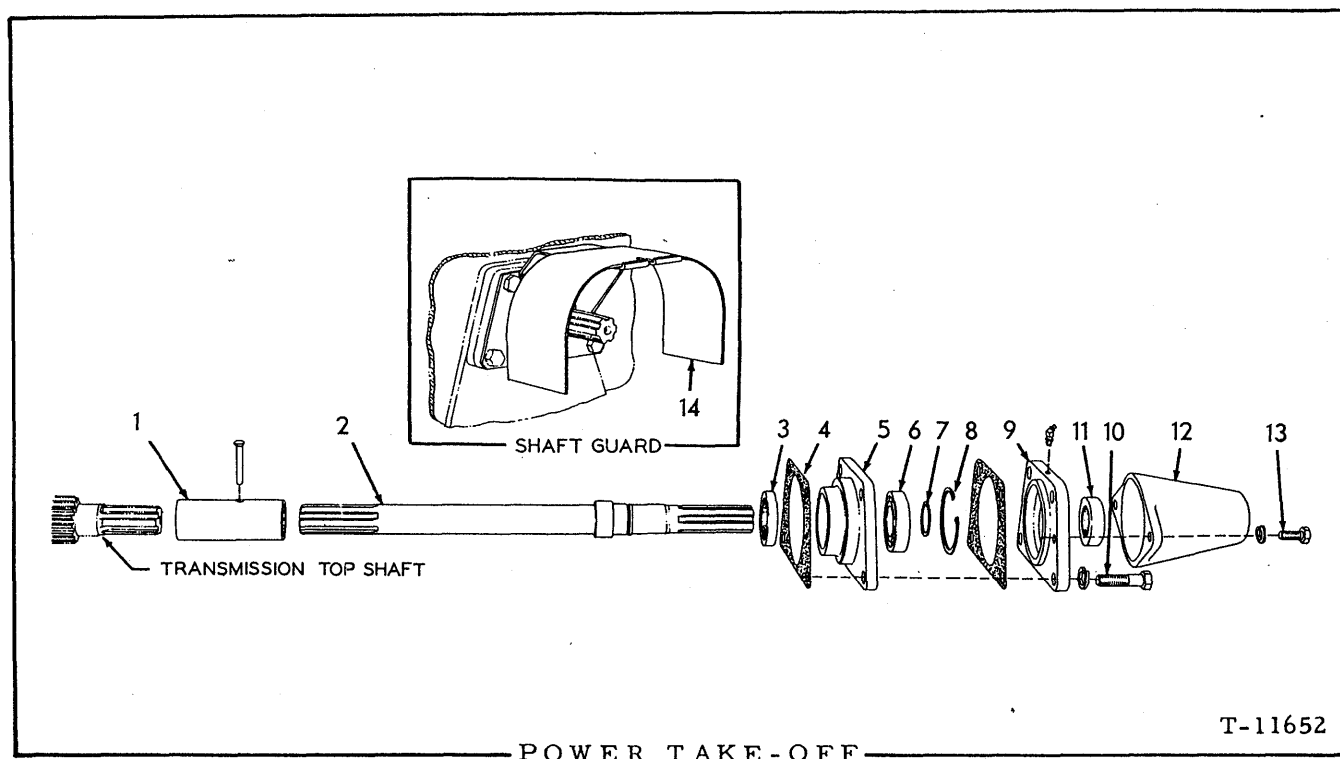
USAGE: Special equipment on Model HD6AG tractors serial No. 21212 and up including Nos. 21146, 21155, 21168, 21179, 21190, 21201

ITEM	PART NO.	QTY.	DESCRIPTION	
1	658392	1	BRACKET, extension pipe adapter	} Require welding to install
2	658344	1	ADAPTER, extension pipe	
3	634091	3	CLAMP, exhaust pipe	
	919227	3	CAPSCREW, 3/8"NC x 3-1/4"	
	044973	6	WASHER, plain	
	904206	3	LOCKWASHER, 3/8"	
	911026	3	NUT, 3/8"NC	
4	658393	1	PIPE, exhaust	

(Continued)

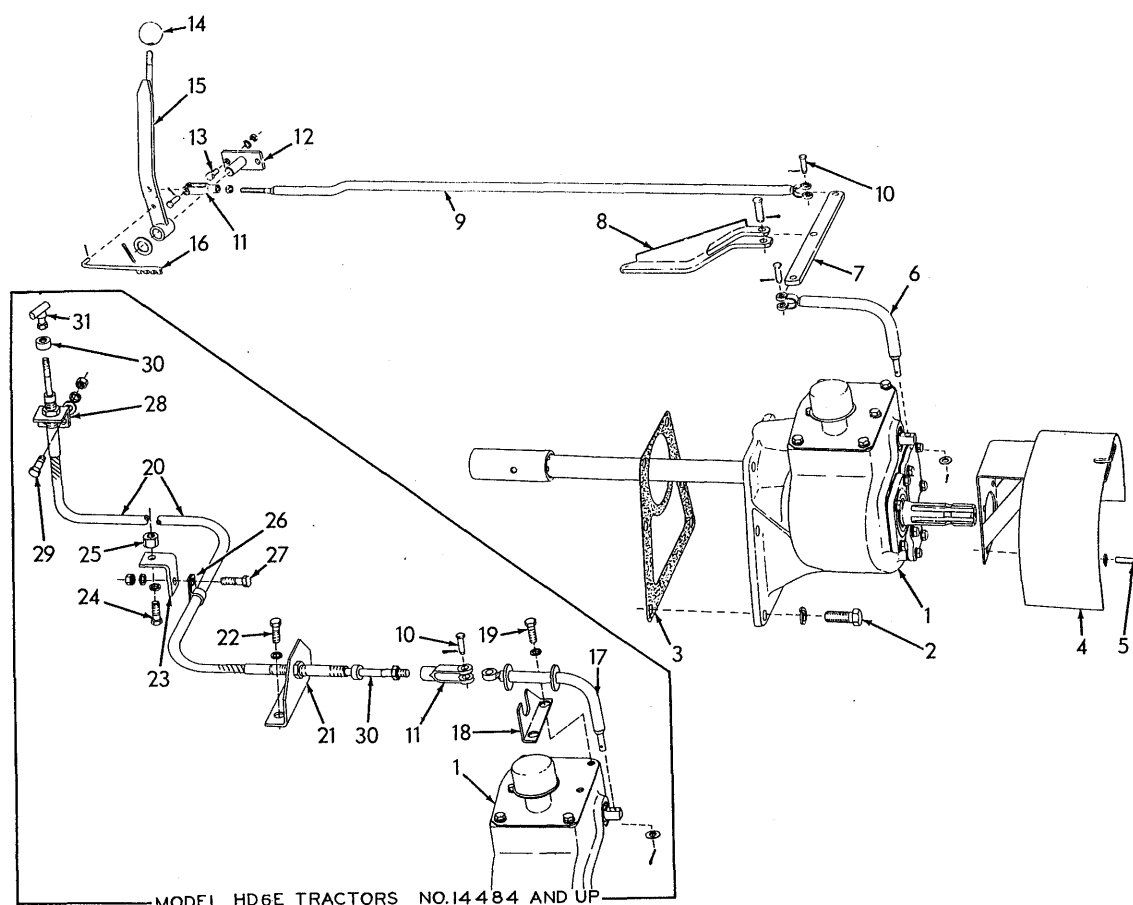
EXHAUST EXTENSION (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	068623	1	RAINCAP, exhaust pipe
6	665606	2	ROD, pipe bracing
	911041	4	NUT, 3/8"NF
7	628736	4	YOKE, bracing rod
	916383	4	CAPSCREW, 3/8"NF x 1-1/2"
	913434	4	NUT, high, 3/8"NF
8	057148	4	EYE-BOLT, bracing rod
	911041	8	NUT, 3/8"NF
	911115	4	WASHER, plain, SAE std., 3/8"
9	665609	4	WASHER, plain, lower eye-bolt
10	658394	1	BRACKET, bracing rod
	919227	2	CAPSCREW, 3/8"NC x 3-1/4"
	044973	4	WASHER, plain
	904206	2	LOCKWASHER, 3/8"
	911026	2	NUT, 3/8"NC
11	658296	1	RING, exhaust baffle
12	658311	1	TUBE
13	-----	1	ELBOW, exhaust (See TURBOCHARGER)



USAGE: Special equipment. Rotation clockwise viewed from the rear at 963 rpm.

ITEM	PART NO.	QTY.	DESCRIPTION
1	055563	1	COUPLING, front
	910902	1	RIVET, ctsk-hd., 5/16" x 2-1/8"
2	055559	1	SHAFT, coupling
3	033146	1	SEAL, oil, inner
4	055561	2	GASKET, coupling shaft bearing cage
5	055558	1	CAGE, coupling shaft bearing
6	528519	1	BEARING, ball
7	055568	1	RING, snap, coupling shaft
8	055567	1	RING, snap, coupling shaft bearing cage
9	055530	1	RETAINER, oil seal
10	023755	4	CAPSCREW, 5/8"NC x 2-1/4"
	904209	4	LOCKWASHER, 5/8"
	915273	1	FITTING, lubricating, 30°, 1/8"NPT
11	604439	1	SEAL, oil, outer
12	055529	1	COVER, shaft protecting
13	035220	2	CAPSCREW, 1/2"NC x 1-1/8"
	904208	2	LOCKWASHER, 1/2"
14	078470	1	GUARD, power shaft (Requires removal of item 12 to install)



POWER TAKE-OFF

T-37255

USAGE: Special equipment. Operates at 539 rpm clockwise or counter-clockwise.

*Models HD6A, B, AG; also Model HD6E tractors prior to serial No. 14484

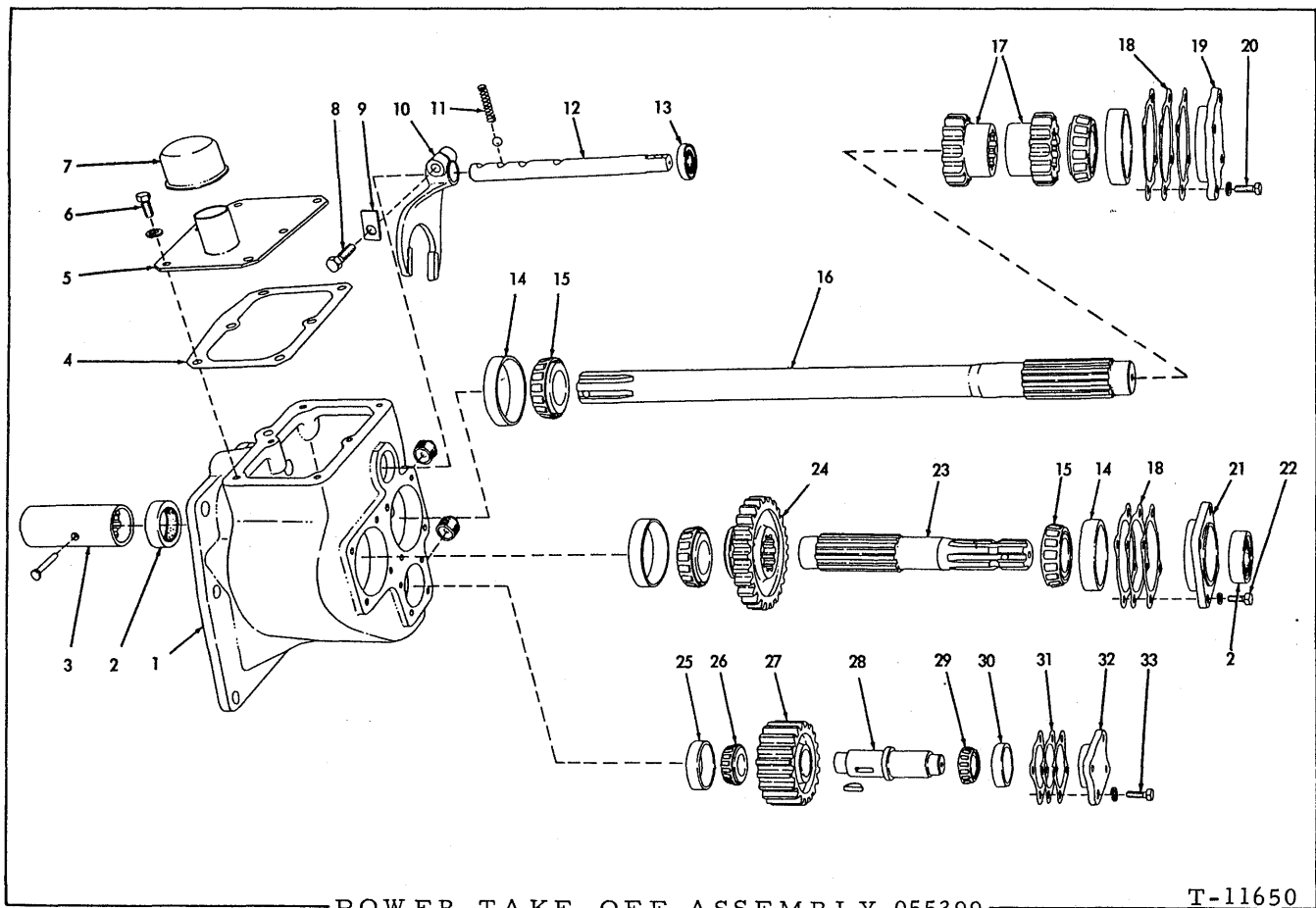
**Model HD6E tractors serial No. 14484 and up

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	055399	1 1	TAKE-OFF ASSEMBLY (See page 363 for parts)
2	036707	6 6	CAPSCREW, 5/8"NC x 1-3/4"
	904209	6 6	LOCKWASHER, 5/8"
3	055387	1 1	GASKET, take-off mounting
4	078476	1 1	GUARD, power shaft
5	013058	4 4	CAPSCREW, 3/8"NC x 1-1/4"
6	055429	1 -	ARM, shifting
	911115	1 -	WASHER, plain, SAE std., 3/8"
	900942	1 -	PIN, cotter, 3/32" x 5/8"
7	055423	1 -	LEVER, shifting
8	055440	1 -	BRACKET, shifting lever pivot
	917648	1 -	PIN, yoke, 1/2" diam.
	910967	1 -	PIN, cotter, 1/8" x 7/8"

(Continued)

POWER TAKE - OFF (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
9	083288	1	-	ROD, control
	911041	1	-	NUT, 3/8"NF
10	078810	3	1	PIN, control rod
	900942	3	1	PIN, cotter, 3/32" x 5/8"
11	628736	1	1	YOKE, control rod
12	055426	1	-	BRACKET, operating lever
13	203188	2	-	CAPSCREW, 3/8"NF x 1-1/2"
	904206	2	-	LOCKWASHER, 3/8"
	911041	2	-	NUT, 3/8"NF
14	091862	1	-	KNOB, operating lever
15	055435	1	-	LEVER, operating
	910255	1	-	WASHER, plain, SAE std., 3/4"
	900938	1	-	PIN, cotter, 3/16" x 1"
16	086862	1	-	ROD, operating lever locking
	900942	1	-	PIN, cotter, 3/32" x 5/8"
17	623657	-	1	ROD, shifting
	911115	-	1	WASHER, plain, SAE std., 3/8"
	900942	-	1	PIN, cotter, 3/32" x 5/8"
18	630765	-	1	ANGLE, supporting, shifting rod
19	035439	-	2	CAPSCREW, 3/8"NC x 1"
	904206	-	2	LOCKWASHER, 3/8"
20	639348	-	1	CABLE, control
	911048	-	1	NUT, jam, 3/8"NF
	911049	-	4	NUT, jam, 5/8"NF
21	629453	-	1	ANGLE, supporting, control cable, rear
22	070960	-	2	CAPSCREW, 3/8"NC x 1-1/2"
	904206	-	2	LOCKWASHER, 3/8"
23	620296	-	1	ANGLE, supporting, control cable, intermediate
24	035244	-	1	CAPSCREW, 3/8"NC x 3/4"
	904206	-	1	LOCKWASHER, 3/8"
25	646631	-	1	NUT, supporting angle attachment (Requires welding to install)
26	091046	-	2	CLIP, control cable
27	036032	-	1	CAPSCREW, 3/8"NF x 3/4"
	904206	-	1	LOCKWASHER, 3/8"
	911041	-	1	NUT, 3/8"NF
28	638694	-	1	ANGLE, supporting, control cable, front
29	035167	-	2	CAPSCREW, 3/8"NF x 7/8"
	911115	-	2	WASHER, plain, SAE std., 3/8"
	904206	-	2	LOCKWASHER, 3/8"
	911041	-	2	NUT, 3/8"NF
30	639350	-	2	NUT ASSEMBLY, sealing (Includes wiping ring and felt washer)
31	639349	-	1	T-HANDLE, control cable



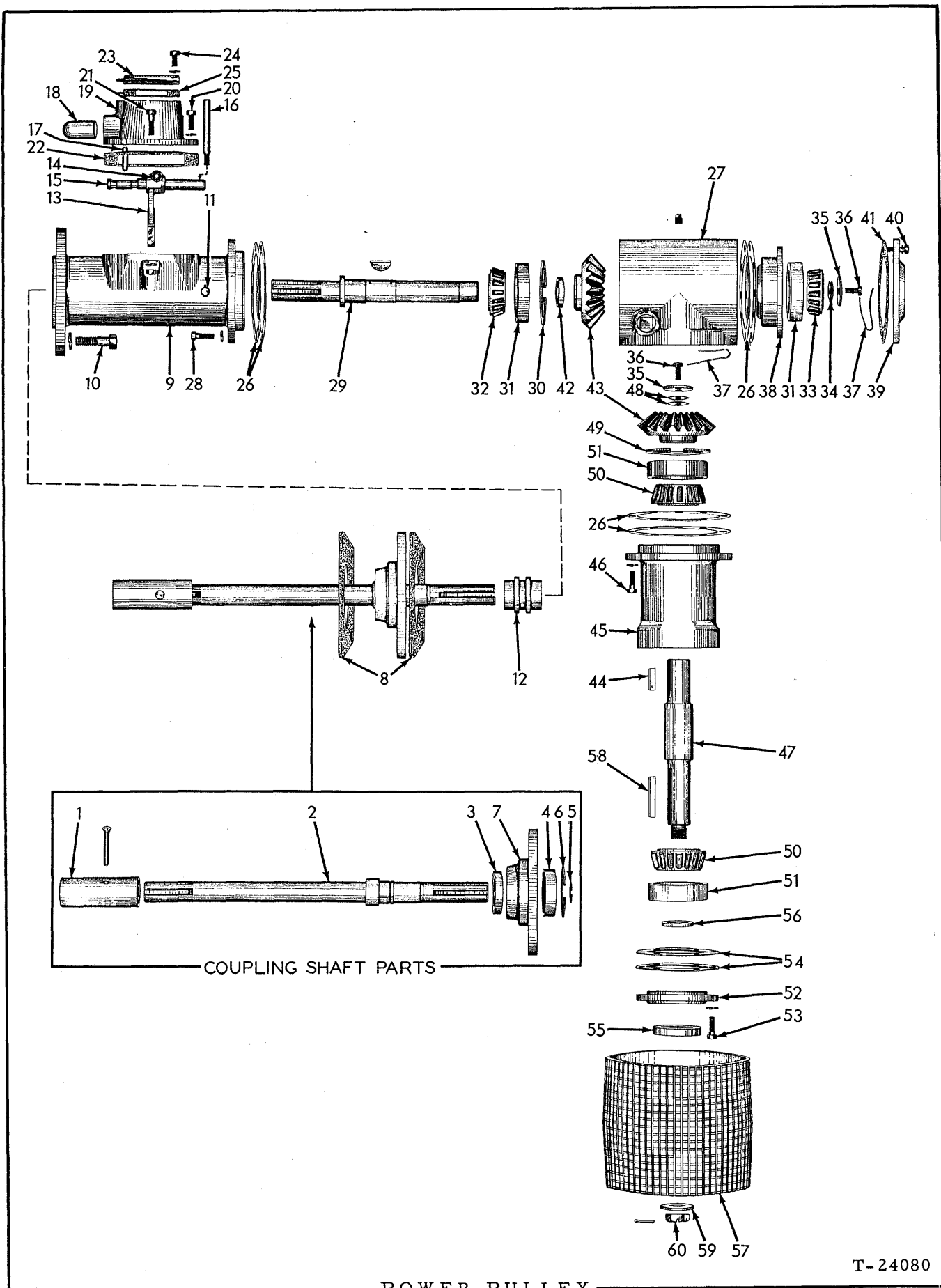
POWER TAKE-OFF ASSEMBLY 055399

USAGE: See page 360

ITEM	PART NO.	QTY.	DESCRIPTION
1	055576	1	HOUSING
	912726	2	PLUG, pipe, 3/4"NPT
2	055391	2	SEAL, oil, input and output shafts
3	055563	1	COUPLING, splined
	910902	1	RIVET, ctsk-hd., 5/16" x 2-1/8"
4	055386	1	GASKET, cover plate
5	055389	1	PLATE, cover
6	035244	6	CAPSCREW, 3/8"NC x 3/4"
	904206	6	LOCKWASHER, 3/8"
7	200267	1	CAP, oil filler
8	203188	1	CAPSCREW, shifting fork (3/8"NF x 1-1/2")
9	047762	1	LOCK, shifting fork capscREW
10	055379	1	FORK, shifting
11	021537	1	SPRING, shifting fork shaft locking ball
12	055383	1	SHAFT, shifting fork
	905361	1	BALL, steel, 7/16" diam.
13	030504	1	SEAL, oil, shifting fork shaft
14	211094	4	CUP, input and output shaft bearings
15	604394	4	CONE ASSEMBLY, input and output shaft bearings
16	055381	1	SHAFT, input
17	055378	2	PINION, input shaft (14 teeth)
18	055395	4	SHIM, bearing adjustment (.005" thick)
	055394	8	SHIM, bearing adjustment (.010" thick)
	055393	4	SHIM, bearing adjustment (.020" thick)
19	055384	1	CAP, input shaft rear bearing
20	035439	4	CAPSCREW, 3/8"NC x 1"
	904206	4	LOCKWASHER, 3/8"
21	055382	1	RETAINER, output shaft rear bearing
22	035439	4	CAPSCREW, 3/8"NC x 1"
	904206	4	LOCKWASHER, 3/8"
23	055380	1	SHAFT, output
24	055377	1	GEAR, output shaft (25 teeth)
25	210116	1	CUP, reverse gear shaft front bearing
26	210117	1	CONE ASSEMBLY, reverse gear shaft front bearing

Use as req'd.

(Continued)



T-24080

POWER TAKE-OFF ASSEMBLY 055399 (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
27	055376	1	GEAR, reverse (19 teeth)
28	055390	1	SHAFT, reverse gear
	905126	1	KEY, #15 woodruff, 1/4" x 1"
29	211593	1	CONE ASSEMBLY, reverse gear shaft rear bearing
30	211594	1	CUP, reverse gear shaft rear bearing
31	055398	2	SHIM, bearing adjustment (.005" thick)
	055397	4	SHIM, bearing adjustment (.010" thick)
	055396	2	SHIM, bearing adjustment (.020" thick)
			} Use as req'd
32	055385	1	CAP, reverse gear shaft rear bearing
33	035439	4	CAPSCREW, 3/8"NC x 1"
	904206	4	LOCKWASHER, 3/8"

POWER PULLEY

USAGE: Special equipment. Production discontinued.

1	055563	1	COUPLING, front
	910902	1	RIVET, ctsk-hd., 5/16" x 2-1/8"
2	055559	1	SHAFT, coupling
3	033146	1	SEAL, oil, coupling shaft
4	528519	1	BEARING, ball, coupling shaft
5	055568	1	RING, snap, coupling shaft
6	055567	1	RING, snap, coupling shaft bearing cage
7	055558	1	CAGE, coupling shaft bearing
8	055561	2	GASKET, power pulley mounting
9	055421	1	HOUSING, input
10	023755	4	CAPSCREW, 5/8"NC x 2-1/4"
	904209	4	LOCKWASHER, 5/8"
11	051447	1	BREATHER ASSEMBLY (Serviced only as a unit)
12	055564	1	COUPLING, sliding
13	038561	1	FORK, shifting
14	046419	1	CAPSCREW, 3/8"NF x 2"
	913528	1	NUT, elastic stop, 3/8"NF
15	055560	1	SHAFT, shifting fork
16	055565	1	HANDLE, shifting fork shaft

(Continued)

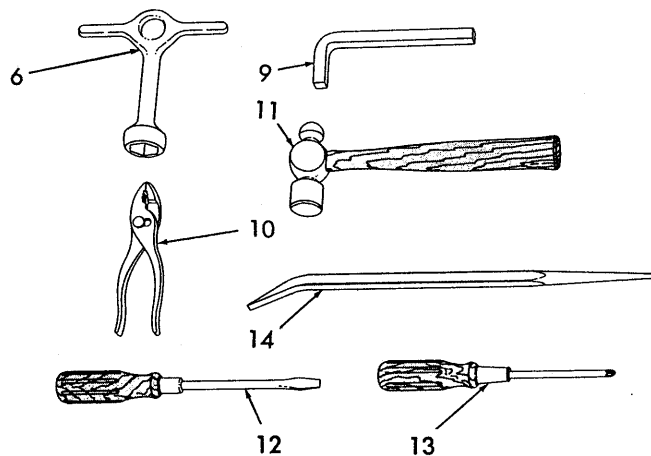
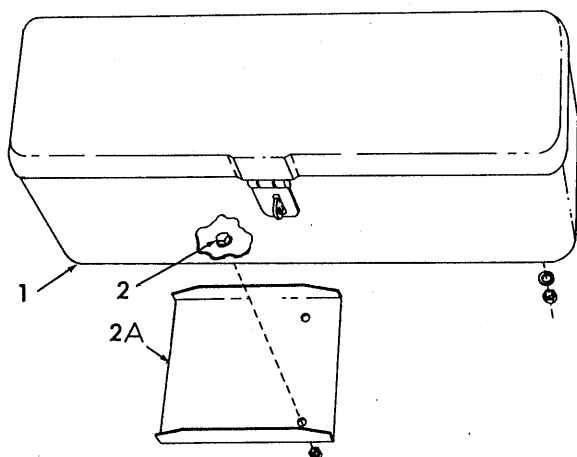
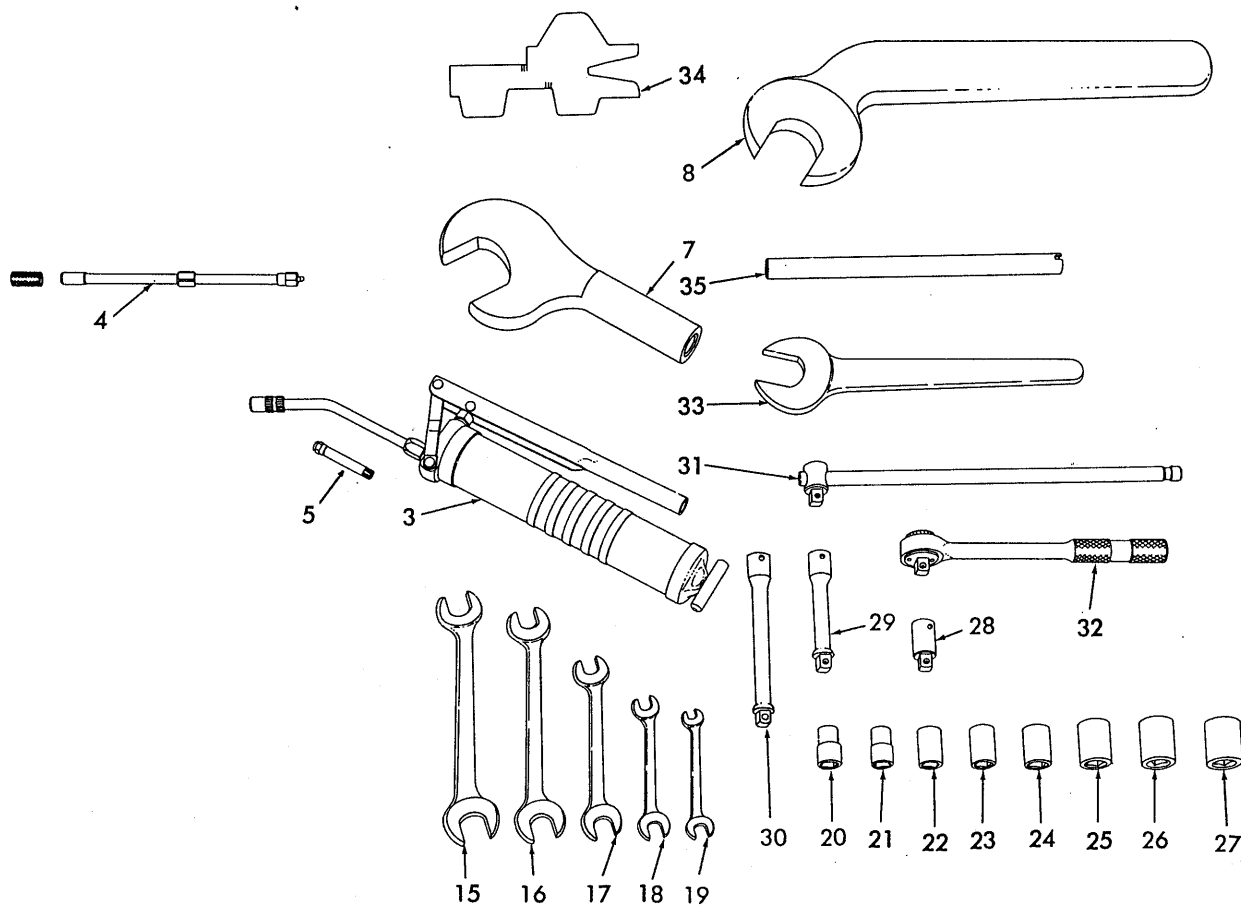
POWER PULLEY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
17	057540	1	PIN, retaining, shifting fork shaft
18	035398	1	COVER, shifting fork shaft
19	055422	1	HOUSING, shifter
20	035439	4	CAPSCREW, 3/8"NC x 1"
21	036039	2	CAPSCREW, 3/8"NF x 1-3/8"
	904206	6	LOCKWASHER, 3/8"
	911041	2	NUT, 3/8"NF
22	055562	1	GASKET, shifter housing
23	055466	1	PLATE, cover, shifter housing
24	035244	4	CAPSCREW, 3/8"NC x 3/4"
	904206	4	LOCKWASHER, 3/8"
25	055467	1	GASKET, shifter housing cover plate
26	028113	9	SHIM, gear mesh adjustment (.005" thick)
	028115	15	SHIM, gear mesh adjustment (.010" thick)
	028114	9	SHIM, gear mesh adjustment (.020" thick)
} Use as req'd.			
27	055448	1	HOUSING, angle
	912768	2	PLUG, pipe, 1"NPT
	901652	1	PLUG, pipe, 1/4"NPT
28	013058	8	CAPSCREW, 3/8"NC x 1-1/4"
	904206	8	LOCKWASHER, 3/8"
29	055446	1	SHAFT, input
	910851	1	KEY, #G woodruff, 3/8" x 1-1/2"
30	055566	1	RING, retaining, input shaft front bearing cup
31	211567	2	CUP, input shaft bearings
32	604922	1	CONE ASSEMBLY, input shaft front bearing
33	043006	1	CONE ASSEMBLY, input shaft rear bearing
34	055670	2	SHIM, input shaft bearing adjustment (.005" thick)
	055671	4	SHIM, input shaft bearing adjustment (.010" thick)
	055672	2	SHIM, input shaft bearing adjustment (.020" thick)
} Use as req'd.			
35	045358	2	WASHER, retaining
36	013044	4	CAPSCREW, drilled-hd., 3/8"NC x 7/8"
37	023633	2	WIRE, locking, 1/16" x 12"
38	055444	1	CAGE, input shaft rear bearing
39	055445	1	COVER, input shaft rear bearing
40	070960	8	CAPSCREW, 3/8"NC x 1-1/2"
	904206	8	LOCKWASHER, 3/8"
41	055669	1	GASKET, input shaft rear bearing cover
42	055572	1	SPACER, bevel gear

(Continued)

POWER PULLEY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
43	028117	2	GEAR, bevel (20 teeth)	
44	028109	1	KEY, output shaft bevel gear	
45	055447	1	HOUSING, output	
46	013058	8	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	8	LOCKWASHER, 3/8"	
47	055443	1	SHAFT, output	
48	036093	2	SHIM, output shaft washer (.005" thick)	} Use as req'd.
	036094	2	SHIM, output shaft washer (.010" thick)	
	036095	2	SHIM, output shaft washer (.020" thick)	
49	055457	1	RING, retaining, output shaft inner bearing	
50	042865	2	CONE ASSEMBLY, output shaft bearing	
51	211068	2	CUP, output shaft bearing	
52	055442	1	RETAINER, output shaft bearing	
53	013058	6	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	6	LOCKWASHER, 3/8"	
54	055458	2	SHIM, output shaft bearing adjustment (.005" thick)	} Use as req'd.
	055459	4	SHIM, output shaft bearing adjustment (.010" thick)	
	055460	2	SHIM, output shaft bearing adjustment (.020" thick)	
55	034697	1	SEAL, oil, output shaft	
56	055573	1	SPACER, output shaft pulley	
57	077165	1	PULLEY (12" diameter)	
	077545	1	PULLEY (10" diameter)	
58	055441	1	KEY, pulley	
59	021475	1	WASHER, pulley retaining	
60	021221	1	NUT, pulley retaining (slotted, 1" thread)	
	900808	1	PIN, cotter, 1/8" x 1-1/2"	



TOOLS

T-17464

TOOLS

ITEM	PART NO.	QTY.	DESCRIPTION
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NOTE: For other recommended service tools, see Service Tool Manual Form 650850

1	604943	1	BOX, tool (Mounts on left track fender. Special equipment)
2	012992	4	CAPSCREW, 3/8"NF x 1-1/4"
	630573	2	WASHER, plain
	904206	4	LOCKWASHER, 3/8"
	911041	4	NUT, 3/8"NF
2A	641654	1	PLATE, tool box mounting
3	073735	1	GUN, grease (Serviced only as a unit)
	907059	1	ELBOW, street, 90°, 1/8"NPT (Required for lubricating fan)
	915954	1	*NIPPLE, pipe, 1/8"NPT x 3"
	915955	1	*ELBOW, pipe, 90°, 1/8"NPT
			*Required for lubricating shifter bearing on units equipped with dry clutch.
4	058937	1	NOZZLE ASSEMBLY, low pressure lubrication (Includes FITTING indented below)
	914767	1	FITTING, lubricating, straight, 1/8"NPT female
5	069814	1	NOZZLE ASSEMBLY, lubricating (For use with GUN 073735 to lubricate universal joint)
6	040272	1	WRENCH, grease hole plugs
7	050573	1	WRENCH, track release adjustment (2-1/2" opening)(For units with dry spring compartment)
8	095120	1	WRENCH, track release adjustment (2-1/8" opening)(For units with oil-type spring compartment)
9	043769	1	WRENCH, drain and filling plugs (90°, 1/2" square)
10	012389	1	PLIERS, slip joint, 6"
11	012387	1	HAMMER, ball peen, 1 lb.
12	036268	1	SCREWDRIVER, 9-3/4" long
13	914732	1	SCREWDRIVER, Phillips #2
14	052371	1	BAR, pinch, 16" long
15	050611	1	WRENCH, open end, double head, 15°, 15/16" and 1-1/16"
16	050610	1	WRENCH, open end, double head, 15°, 3/4" and 7/8"
17	050609	1	WRENCH, open end, double head, 15°, 5/8" and 3/4"
18	050608	1	WRENCH, open end, double head, 15°, 1/2" and 9/16"
19	050607	1	WRENCH, open end, double head, 15°, 5/16" and 3/8"
20	914709	1	SOCKET, 1/2" square drive, 1/2" hex

(Continued)

TOOLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
21	914710	1	SOCKET, 1/2" square drive, 9/16" hex
22	914711	1	SOCKET, 1/2" square drive, 5/8" hex
23	914712	1	SOCKET, 1/2" square drive, 11/16" hex
24	914713	1	SOCKET, 1/2" square drive, 3/4" hex
25	914714	1	SOCKET, 1/2" square drive, 7/8" hex
26	914715	1	SOCKET, 1/2" square drive, 15/16" hex
27	914716	1	SOCKET, 1/2" square drive, 1" hex
28	914717	1	BAR, extension, socket, 1/2" drive, 2" long
29	914718	1	BAR, extension, socket, 1/2" drive, 5" long
30	921338	1	BAR, extension, socket, 1/2" drive, 10" long
31	050612	1	HANDLE, socket, sliding T, 1/2" square drive, 15" long
32	914719	1	HANDLE, socket, ratchet, 1/2" square drive
33	043421	1	WRENCH, fan spindle mounting nut (1-7/16" open end)
34	631351	1	GAUGE, wear (Indicates maximum wear tolerances for track rails, grouser shoes, sprockets, idlers and track rollers)
35	089239	1	EXTENSION, coolant drain

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