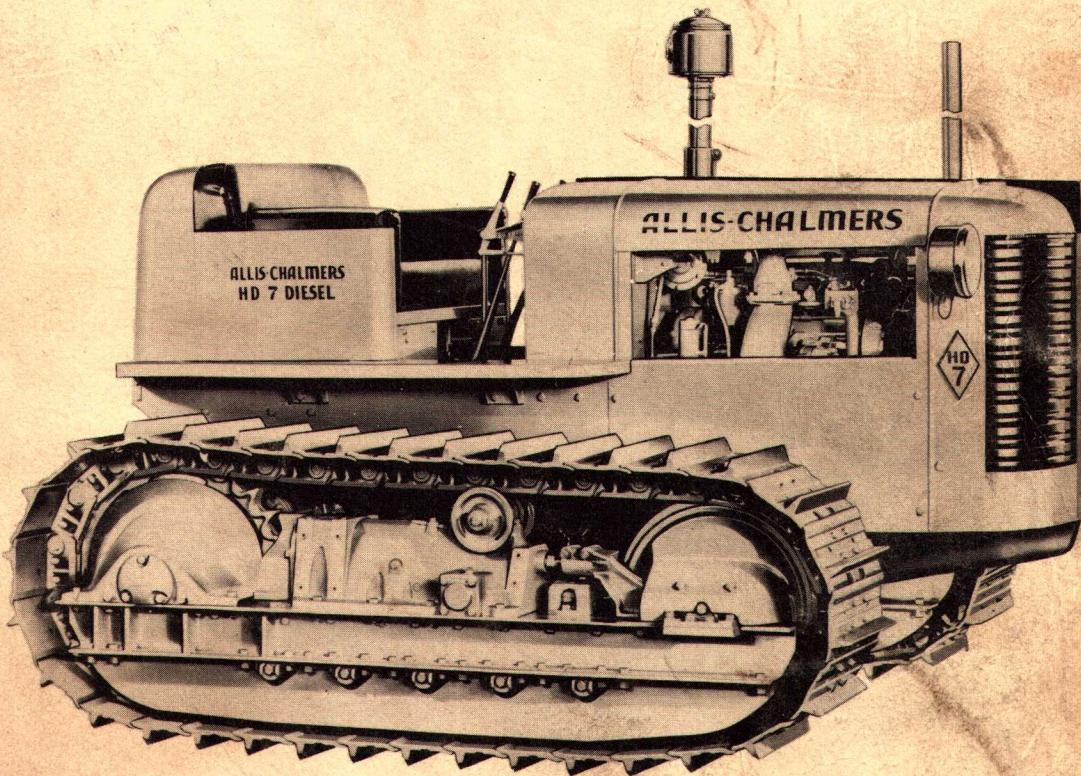


Milw. Tractor Co 1400 W 96 St Milw 866-4993

Tina K. H. A. G. C. N. M. E. R. S. T.
Verlon

PARTS LIST

MODEL HD7 TRACTOR



ALLIS-CHALMERS MFG. CO.
MILWAUKEE, WISCONSIN, U. S. A.

for

MODEL HD7 TRACTOR

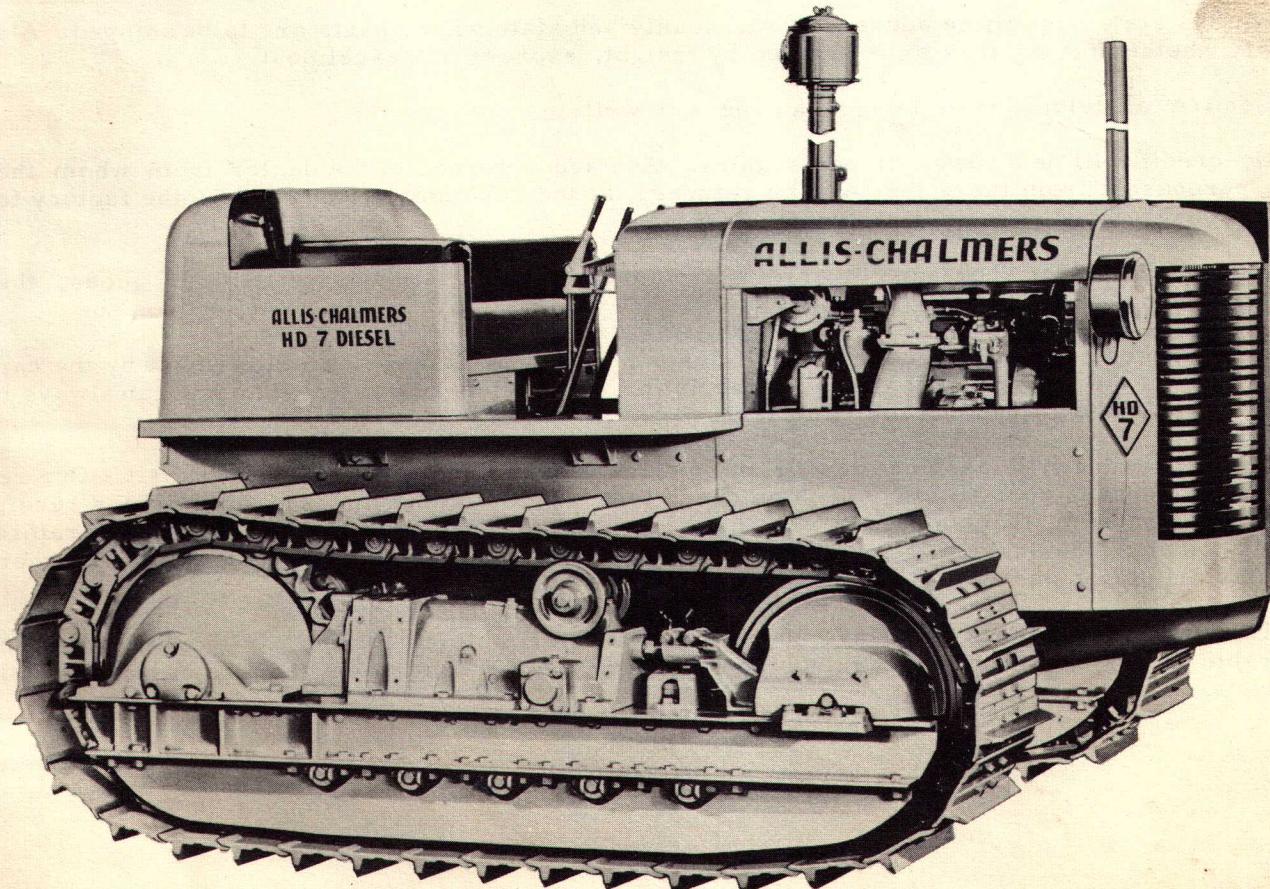
The Model HD7 Tractor is built in two basic sizes -- 52-inch tread and 63-inch tread ("tread" is the measurement from center to center of the tracks). The 52-inch tread tractor is known as the Model HD7 and 63-inch tread as the Model HD7W. The serial number on each tractor is prefixed with symbol HD7 or HD7W to indicate the model identity. Both of these have 34-link tracks and oscillating truck frames as standard equipment. In this catalog these units are often referred to as "Short Track Models".

The 63-inch tread model is also available with 38-link tracks and rigid non-oscillating truck frames. This model is furnished with large front track idlers to give maximum ground contact for operation with front-mounted loaders and booms. In this catalog this unit is often referred to as the "Long Track Model".

The tractor serial number is stamped on the rear face of the transmission case at the upper right hand corner. On later units the serial number is stamped also on a small plate attached to the cowl, facing the operator.

The engine serial number is stamped on the right hand side of the cylinder block near the top front corner.

Effective approximately August 1948, the engine serial numbering system was changed as a measure toward simplification. Under the old system the prefix "371-" (followed by the serial number) was used to denote the 3-cylinder engine (Example: 371-17728). Under the new system the prefix "3A" serves the same purpose. However, with the new prefix, the serial numbers were started over again (Example: 3A-021).



Ymc

371-RC-6

37119710

I M P O R T A N T

The extreme right hand column in the parts list entitled "KIT NO." indicates if an individual part is also available as a part of a KIT or SET. All numbers shown in this column are listed numerically in the back of this catalog with the quantity and description of the various parts that make up the KIT or SET.

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

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

Any changes or corrections to this catalog will appear on the regular supplement form.

For additional copies of this catalog, there will be a supplementing service charge of one dollar. Requests for additional copies should be referred to the Branch House or Office under which Dealer operates.

All Dealer Repair Parts Catalogs remain the property of Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin.

ALWAYS GIVE THE TRACTOR AND ENGINE SERIAL NUMBERS WHEN ORDERING PARTS.

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

Order parts from the dealer covering the local territory.

Repairs 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.

Always state 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.

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

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

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

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

TELEGRAPHIC CODE

In sending wire orders, it is important that a one-word description of the part wanted be specified after each part number. In event the message is received with incorrect part number, it will help us to ascertain the part actually required. Confirm each telegraphic order by mail in order that it may be checked and if not correctly transmitted, the error detected.

Shipping or other instructions in the body of a telegram which normally consists of many words, can be condensed into one by the use of the proper code word as given below.

AIRYX - Ship by Air Express
SONST - Ship to me (us) by Express
SOOTY - Ship by Express to
SOYON - Ship to me (us) by Mail
SOBOS - Ship by Mail to
SORAT - Ship to me (us) by freight
SAPAT - Ship by Freight to
SPLAT - When and how did you ship parts on my (our) order
SPATS - When and how will you ship parts on my (our) order
STAUB - Cancel my (our) parts order
STUFE - Add to my (our) parts order
SOMOR - Duplicate shipment of my (our) order

LIST OF ABBREVIATIONS

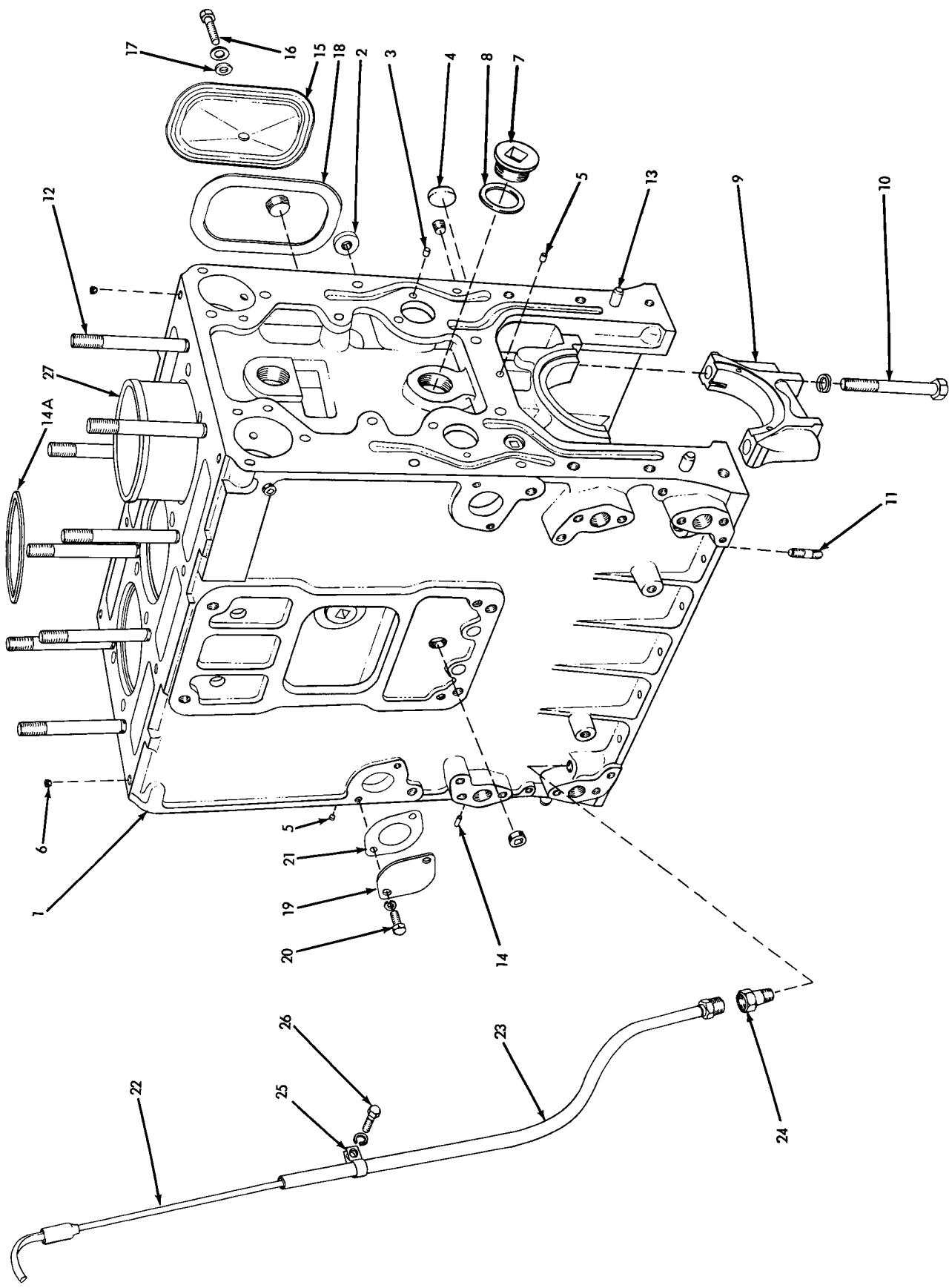
assy assembly
cd-pltd..... cadmium plated
cm centimeter
cont'd continued
cop-asb copper-asbestos
c.p. candle-power
ctsk-hd countersunk head
diam diameter
EF (threads) Extra Fine
fil-hd filister head
ft foot or feet
gal gallon
hex-hd hexagonal head
I.D inside diameter
in. inch

lb pound
mm millimeter
NC (threads) National Coarse
NF (threads) National Fine
No. number
NPT National Pipe Thread
O. D. outside diameter
oz ounce
rd-hd round head
rpm revolutions per minute
SAE ... Society of Automotive Engineers
sq-hd square head
std standard
T. teeth
V. volt

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CYLINDER BLOCK



ENGINE
(Not Illustrated)

PART ITEM NUMBER				(Not Illustrated)	KIT NUMBER
	QTY.	DESCRIPTION			
1	{ 040923 1 ENGINE ASSEMBLY (Less FAN but including BLOWER, oil COOLER, GOVERNOR, MANIFOLDS, fuel PUMP and water PUMP)				
	{ 049045 1 ENGINE ASSEMBLY (Consists of ENGINE ASSEMBLY 040923 with FAN, starting MOTOR, GENERATOR, second stage fuel FILTER, oil FILTER and THERMOSTAT)				

CYLINDER BLOCK

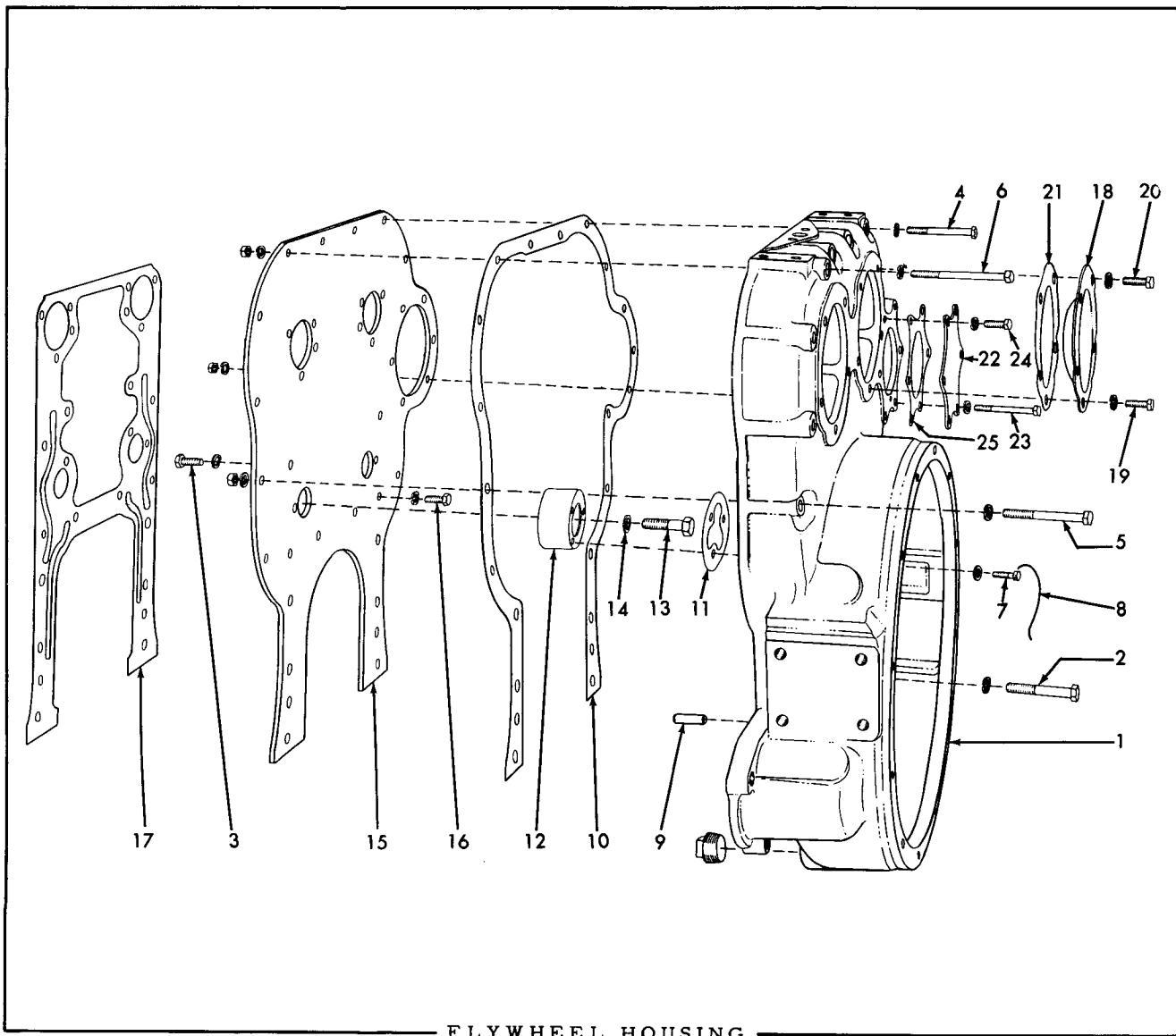
1	5193107	1	BLOCK ASSEMBLY, cylinder (Includes items 2 thru 14A, and all PLUGS indented below)(When making first replacement also furnish 1 GASKET SET 5193116 and 2 BOLTS 5183584)
	910230	8	PLUG, pipe, slotted-hd., 1/8"NPT
	911081	6	PLUG, pipe, slotted-hd., 1/4"NPT
	904260	1	PLUG, pipe, ctsk-hd., 3/8"NPT
	904223	4	PLUG, pipe, ctsk-hd., 1/2"NPT
	904224	1	PLUG, pipe, ctsk-hd., 3/4"NPT
	901666	4	PLUG, pipe, ctsk-hd., 1"NPT
2	5154082	1	PLUG, plain, cylinder block (1-1/4" diam., 1/4"NPT hole)
3	5154319	3	PLUG, plain, cylinder block (1/4" diam. x 5/16" long)
4	5150014	1	PLUG, cup, cylinder block (1-1/4" diam.)
5	5150130	2	PLUG, cup, cylinder block (5/16" diam.)
6	{ 5151122	4	PLUG, cup (3/8" diam.)(Used on early engines only)
	910230	2	PLUG, pipe, slotted-hd., 1/8"NPT (Superseded PLUG 5151122)
7	{ 901666	4	PLUG, pipe, ctsk-hd., 1"NPT (Used on engines prior to #3A-4870)
	{ 5178998	4	PLUG, cylinder block (Started with engine #3A-4870)
8	5178997	4	GASKET, cylinder block plug (Started with engines #3A-4870)
9	{ 5151414	4	CAP, main bearing (Engines prior to #371-6418)
	{ 5158674	4	CAP, main bearing (Engines #371-6418 and up)
10	{ 5151154	8	STUD (5-1/4" long)(Engines prior to #371-6418)
	-----	8	STUD (5-3/4" long)(Engines #371-6418 thru #3A-4259. Order BOLT 5152149 and LOCKWASHER 904209)
	5150572	8	NUT (5/8"NF castle) }
	900806	8	PIN, cotter, 1/8" x 1" } Engines prior to #3A-4260
	5152149	8	BOLT (5/8"NC x 4-3/4") }
	904209	8	LOCKWASHER, 5/8" } Engines #3A-4260 and up
11	-----	2	STUD, oil pump attaching (See OIL PUMP)
12	-----	8	STUD, cylinder head (See CYLINDER HEAD)
13	-----	4	PIN, dowel (See FLYWHEEL HOUSING and CYLINDER BLOCK FRONT COVERS)
14	-----	4	PIN, dowel, rear main bearing thrust washer (See CRANKSHAFT AND FLYWHEEL)
14A	5184484	3	INSERT, cylinder liner supporting (For replacement blocks only)
15	5153117	3	*COVER, handhole
	5153139	2	*BOLT, front covers (3/8"NC x 2-1/4")
	041251	1	STUD, rear cover (3/8"NC x 3/4"NF x 4-3/8")(Also attaches oil filter bracket)
16	911041	1	NUT, 3/8"NF (rear cover stud)
	911115	3	*WASHER, plain, SAE std., 3/8"
17	040400	3	*GASKET (copper)

(Continued)

CYLINDER BLOCK (Continued)

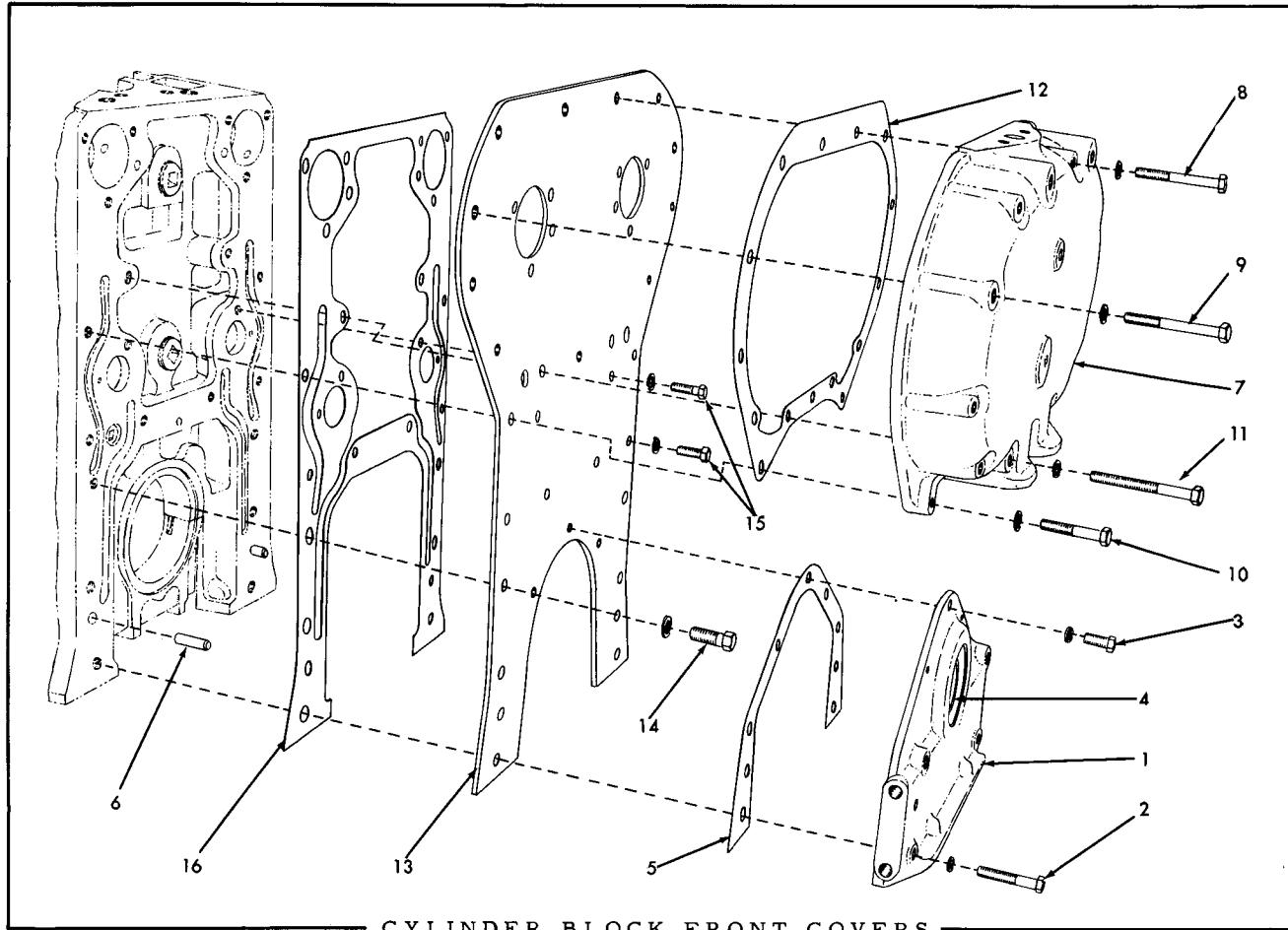
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
18	5150020	3	*GASKET, handhole cover	058034 074688
19	5150023	1	COVER, water hole	
20	045312	2	CAPSCREW, 5/16"NC x 3/4"	
	904205	2	LOCKWASHER, 5/16"	
21	5150024	1	GASKET, water hole cover	058034 074688
22	5174695	1	DIPSTICK, oil level	
23	5151893	1	TUBE ASSEMBLY, oil level dipstick (Includes NUT)	
24	5151430	1	ADAPTER, oil level dipstick tube	
25	041919	1	CLIP, oil level dipstick tube	
26	065917	1	CAPSCREW, 5/16"NF x 1/2"	
	904205	1	LOCKWASHER, 5/16"	
27	-----	3	LINER, cylinder (See PISTON AND CONNECTING ROD)	

*One less of each used on tractors equipped with Air Heater System.



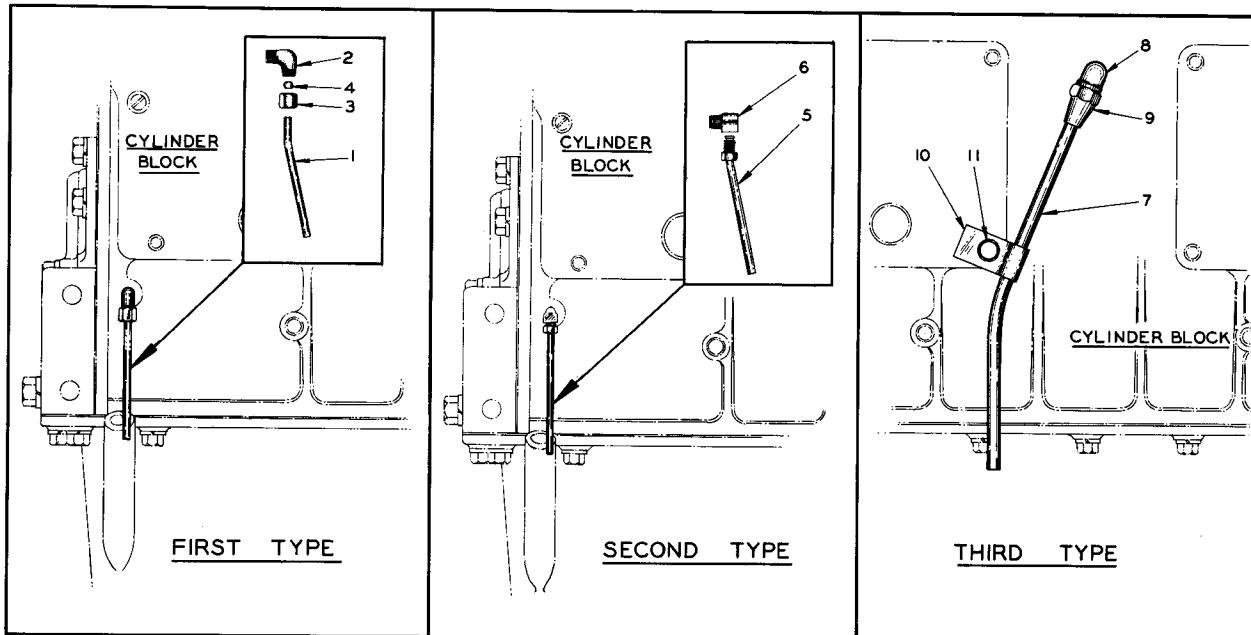
FLYWHEEL HOUSING

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5184547	1	HOUSING ASSEMBLY, flywheel (Includes PLUG 912726 and crank-shaft SEAL 5178989)	
	912726	1	PLUG, pipe, 3/4"NPT	
2	041917	6	CAPSCREW, 1/2"NC x 3-1/4"	
	904208	6	LOCKWASHER, 1/2"	
3	035439	2	CAPSCREW, 3/8"NC x 1"	
4	042265	3	CAPSCREW, 3/8"NF x 3-1/4"	
5	041911	2	CAPSCREW, 3/8"NF x 3-1/2"	
6	041959	3	CAPSCREW, 3/8"NF x 4-1/4"	
	911041	5	NUT, 3/8"NF	
	904206	10	LOCKWASHER, 3/8"	
7	5177709	6	CAPSCREW (drilled head, 3/8"NC x 1")	
	911115	6	WASHER, plain, SAE std., 3/8"	
8	5159493	2	WIRE, locking (8" long)	
9	5151576	2	PIN, dowel	
10	5150054	1	GASKET, flywheel housing	058034 074688
11	5150055	2	GASKET, flywheel housing (Used on engines prior to #3A-3024) . . .	058034
12	{ 5150277	1	SPACER ASSEMBLY, housing to end plate (Includes dowel PIN) (Used on engines prior to #3A-3024)	
	{ 5192568	1	SPACER ASSEMBLY, housing to end plate (Includes dowel PIN, 3 CAPSCREWS 5177709, 3 WASHERS 911115 and 1 WIRE 5159493)(Started with engine #3A-3024)	
13	AM-8801	1	CAPSCREW, 1/2 NC x 2"	
14	5167714	1	WASHER, plain	
15	5150060	1	PLATE, end, cylinder block	
16	035439	6	CAPSCREW, 3/8"NC x 1"	
	904206	6	LOCKWASHER, 3/8"	
17	5177798	1	GASKET, cylinder block end plate	058034 074688
18	5159469	2	COVER, flywheel housing	
19	043886	2	CAPSCREW, 7/16"NC x 1"	
	904207	2	LOCKWASHER, 7/16"	
20	035220	8	CAPSCREW, 1/2"NC x 1-1/8"	
	904208	8	LOCKWASHER, 1/2"	
21	5150059	2	GASKET, cover	058034 074688
22	{ 5154396	1	COVER ASSEMBLY, star (Includes item 26)(Engines prior to #371-1136)	
	{ 5154669	1	COVER, star (Engines #371-1136 and up)	
23	040426	4	CAPSCREW, 3/8"NF x 5"	
24	035439	2	CAPSCREW, 3/8"NC x 1"	
	904206	6	LOCKWASHER, 3/8"	
	911041	4	NUT, 3/8"NF	
25	5150057	1	GASKET, star cover	058034 074688
26	5154397	1	PLUG, thrust, blower drive shaft (Used only in COVER ASSEMBLY 5154396. Not illustrated)	



CYLINDER BLOCK FRONT COVERS

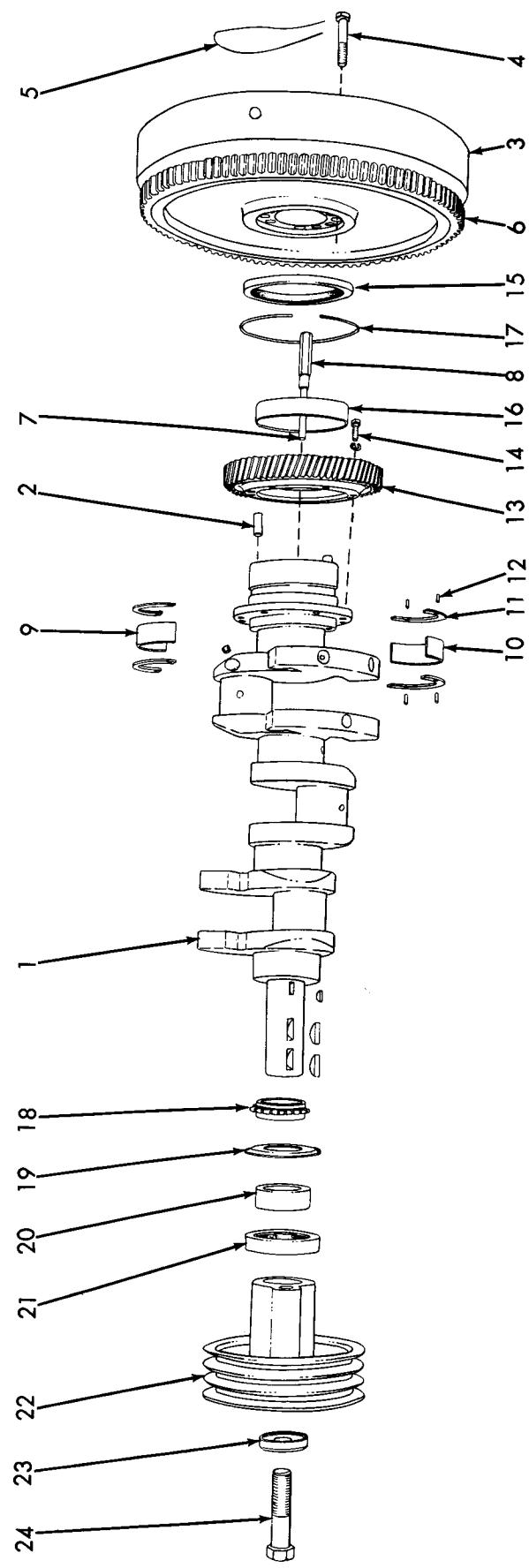
PART ITEM NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153372	1 COVER ASSEMBLY, crankshaft (Includes item 4)	
2	035712	4 CAPSCREW, 1/2"NC x 2-1/4"	
3	904208	4 LOCKWASHER, 1/2"	
3	036032	3 CAPSCREW, 3/8"NF x 3/4"	
3	904206	3 LOCKWASHER, 3/8"	
4	-----	1 SEAL, oil (See CRANKSHAFT AND FLYWHEEL)	
5	5150181	1 GASKET, crankshaft cover	058034 074688
6	5151576	2 PIN, dowel	
7	5150410	1 COVER, balance weight	
8	041913	10 CAPSCREW, 3/8"NF x 2-7/8"	
9	{ 041913	1 CAPSCREW, 3/8"NF x 2-7/8" (Engines prior to #371-29836)	
	042265	1 CAPSCREW, 3/8"NF x 3-1/4" (Also attaches water by-pass tube clip. Used on engines #371-29836 and up)	
10	041914	2 CAPSCREW, 3/8"NC x 1-7/8"	
11	041915	2 CAPSCREW, 3/8"NC x 3-1/2"	
	904206	15 LOCKWASHER, 3/8"	
12	5150071	1 GASKET, balance weight cover	058034 074688
13	5152878	1 PLATE, end, cylinder block	
14	035220	2 CAPSCREW, 1/2"NC x 1-1/8"	
14	904208	2 LOCKWASHER, 1/2"	
15	035439	6 CAPSCREW, 3/8"NC x 1"	
15	904206	6 LOCKWASHER, 3/8"	
16	5177798	1 GASKET, end plate	058034 074688



AIR BOX DRAIN

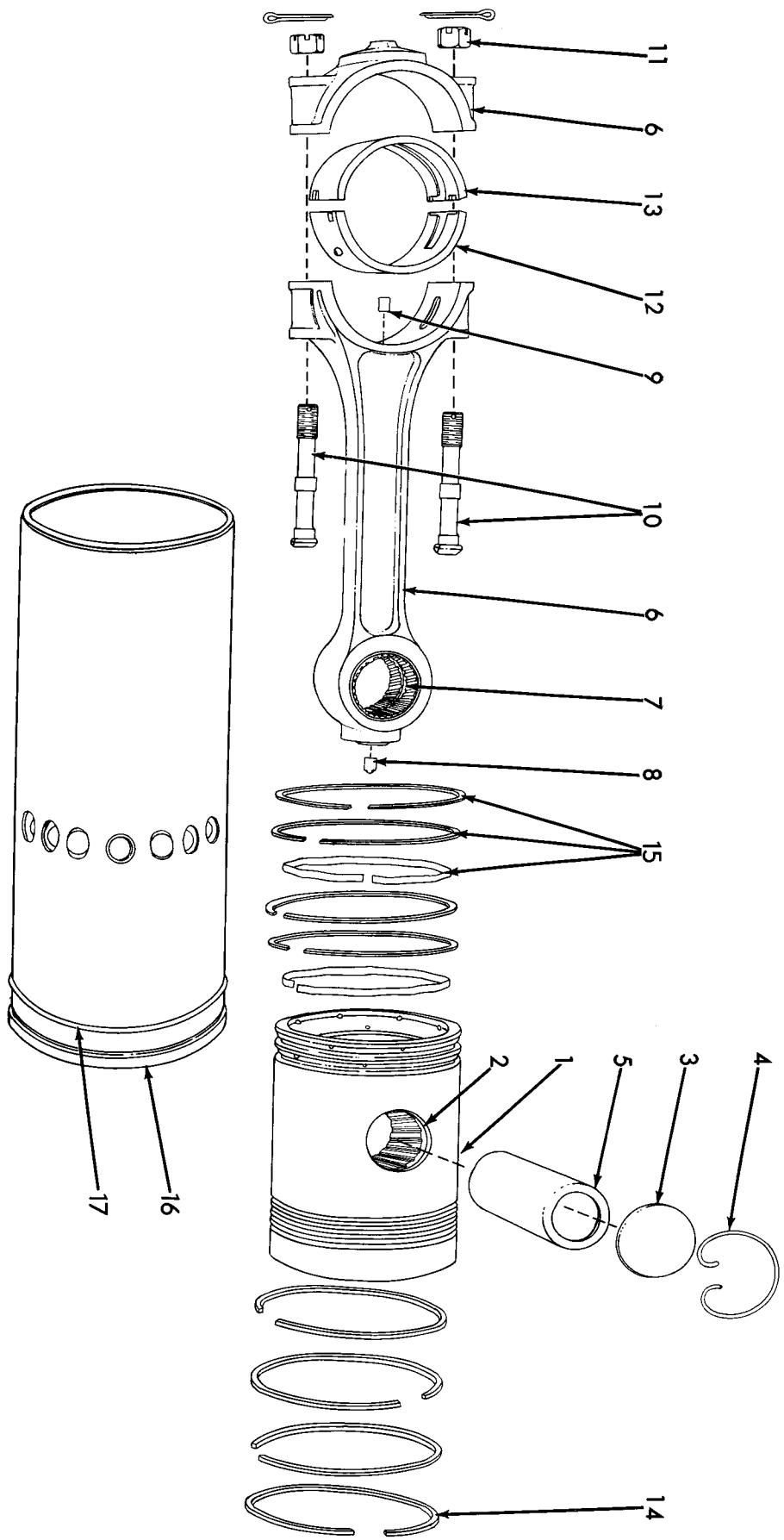
PART ITEM NUMBER	QTY.	DESCRIPTION	KIT NUMBER
FIRST TYPE - Used on engines prior to #371-1458.			
1 -----	2	TUBE (3/16"O.D.)(Order CHANGEOVER KIT 051584)	
2 910129	2	ELBOW, compression, 90°, 3/16" tube, 1/8"NPT male	
3 912064	2	NUT, compression fitting, 3/16" tube	
4 912367	2	SLEEVE, compression fitting, 3/16" tube	
SECOND TYPE - Started with engine #371-1458 and used thru tractor serial #1342.			
5 -----	2	TUBE ASSEMBLY (3/16"O.D. Includes NUT)(Order CHANGEOVER KIT 051584)	
6 914094	2	ELBOW, inverted flare, 90°, 3/16" tube, 1/8"NPT male	
THIRD TYPE - Used on tractors serial #1343 and up.			
7 048245	1	TUBE (3/8"O.D.)	051584
8 910978	1	ELBOW, flared, 90°, 3/8" tube, 1/4"NPT male	051584
9 911198	1	NUT, flared, short, 3/8" tube	051584
10 043030	1	CLIP, drain tube (single, closed type, 3/8" diam., 9/16" bolt-hole).	051584
11 043886	1	CAPSCREW, 7/16"NC x 1"	
904207	1	LOCKWASHER, 7/16"	

CRANKSHAFT AND FLYWHEEL



CRANKSHAFT AND FLYWHEEL

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5184215	1	CRANKSHAFT ASSEMBLY (Includes item 2 and PLUGS indented below)	
	910230	3	PLUG, pipe, slotted-hd., 1/8"NPT	
2	5177528	2	PIN, dowel, flywheel to crankshaft	
3	5153847	1	FLYWHEEL ASSEMBLY (Includes item 6)	
4	5150454	6	BOLT (2-7/8" long)	
5	023633	3	WIRE, locking (1/16" x 12")	
6	5153779	1	GEAR, flywheel ring	
7	040835	1	WICK, oiling, clutch shaft pilot bearing	
8	040834	1	HOLDER, oiling wick	
9	{ 5179631	4	SHELL, main bearing, upper (standard size)	052676
	5192880	4	SHELL, main bearing, upper (.002" undersize)	
	5192884	4	SHELL, main bearing, upper (.010" undersize)	052677
	5192888	4	SHELL, main bearing, upper (.020" undersize)	052678
	5192892	4	SHELL, main bearing, upper (.030" undersize)	052679
10	{ 5179630	4	SHELL, main bearing, lower (standard size)	052676
	5192879	4	SHELL, main bearing, lower (.002" undersize)	
	5192883	4	SHELL, main bearing, lower (.010" undersize)	052677
	5192887	4	SHELL, main bearing, lower (.020" undersize)	052678
	5192891	4	SHELL, main bearing, lower (.030" undersize)	052679
			NOTE: Items 11 and 12 were used on all engines except serial Nos. 371-1261 thru 371-8476 which were equipped with flanged type rear main bearing shells having integral thrust faces.	
11	{ 5159353	4	WASHER, thrust, rear main bearing (Half only. Standard size) . . .	052676, 77
	5160542	4	WASHER, thrust, rear main bearing (Half only - .005" oversize)	052678, 79
12	040398	4	PIN, dowel, rear main bearing thrust washer (brass)	052676, 77
13	{ 5150516	1	GEAR, crankshaft (62 teeth, 41° helix)(Engines prior to #371-3858)	
	5173330	1	GEAR, crankshaft (78 teeth, 19° helix)(Engines #371-3858 and up)	
14	5150271	6	BOLT (3/8"NF x 1-3/16")	
	904206	6	LOCKWASHER, 3/8"	
15	{ 5178989	1	SEAL, oil, rear (4-11/16" shaft diam. Original equipment)	
	5192776	1	SEAL, oil, rear (4-13/16" shaft diam. For use when crankshaft is too worn to permit use of standard SEAL 5178989. Also order SLEEVE 5193413 to make initial installation)	
16	5193413	1	SLEEVE, crankshaft (Provides new seal surface for worn crankshafts. Requires use of SEAL 5192776)	
17	5192496	-	SPACER, oil seal (Use as required behind SEAL 5178989 when crankshaft has groove worn too deep to allow seal to function in its normal position)	
18	-----	1	SPROCKET, oil pump driving (See OIL PUMP)	
	-----	1	KEY, #9 woodruff, 3/16" x 3/4"	
19	5150175	1	SLINGER, oil	
20	5153713	1	SPACER, front oil seal	
21	5153373	1	SEAL, oil, front	
22	042402	1	PULLEY, crankshaft	
	911201	2	KEY, #E woodruff, 3/8" x 1-1/4"	
23	053669	1	WASHER, pulley retaining	
24	073424	1	CAPSCREW, pulley retaining (1"NF x 4")	



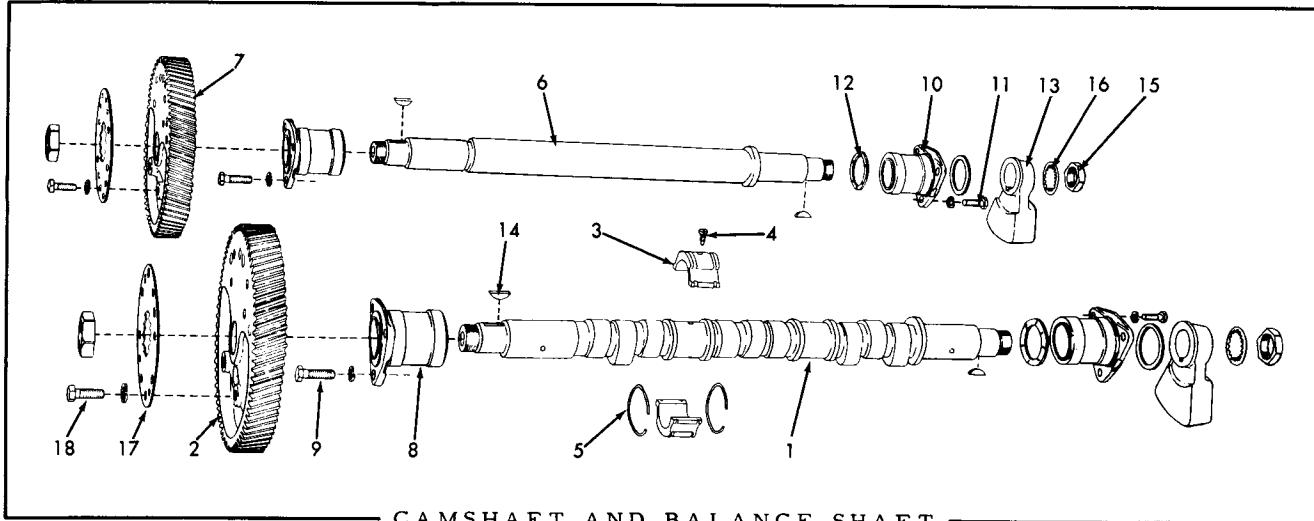
PISTON, CONNECTING ROD AND CYLINDER LINER

PISTON, CONNECTING ROD AND CYLINDER LINER

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5171524	3	PISTON ASSEMBLY (Includes items 2 thru 4)(When required for engines prior to #371-783 also furnish 5153590 PIN)	5193609
2	-----	6	BUSHING, piston (Not serviced separately)	
3	{ -----	6	*CAP, piston pin (Used on engines prior to #371-783)	
	5153592	6	RETAINER, piston pin (standard)(Engines #371-783 and up)	
3	{ 5192497	6	RETAINER, piston pin (.010" oversize. Copper-plated)(Special. For engines #371-783 and up)	
4	5153562	6	RING, snap, piston pin retainer (Engines #371-783 and up)	
5	5153590	3	PIN, piston	5193609
6	5154332	3	ROD ASSEMBLY, connecting (Includes items 7 thru 11)	
7	{ -----	240	*ROLLER, piston pin bearing	
	-----	3	*RACE, outer piston pin bearing	
	{ -----	3	*RING, guide, piston pin bearing	Used on engines prior to #371-783
	-----	6	*RING, retaining, piston pin bearing	
	5151350	6	BUSHING, connecting rod (Used on engines #371-783 and up)	
			Parts indicated by asterisk () are not serviced. Replace with PISTON ASSEMBLY 5171524, PIN 5153590 and ROD ASSEMBLY 5154332.	
8	5150140	3	NOZZLE, spray, connecting rod	
9	5154360	3	ORIFICE, connecting rod	
10	5150094	6	BOLT, connecting rod	
11	5150095	6	NUT	
	900801	6	PIN, cotter, 3/32" x 3/4"	
12	{ 5179632	3	SHELL, connecting rod bearing, upper (standard size)	
	5192881	3	SHELL, connecting rod bearing, upper (.002" undersize)	
	{ 5192885	3	SHELL, connecting rod bearing, upper (.010" undersize)	
	5192889	3	SHELL, connecting rod bearing, upper (.020" undersize)	
	5192893	3	SHELL, connecting rod bearing, upper (.030" undersize)	
13	{ 5179633	3	SHELL, connecting rod bearing, lower (standard size)	
	5192882	3	SHELL, connecting rod bearing, lower (.002" undersize)	
	{ 5192886	3	SHELL, connecting rod bearing, lower (.010" undersize)	
	5192890	3	SHELL, connecting rod bearing, lower (.020" undersize)	
	5192894	3	SHELL, connecting rod bearing, lower (.030" undersize)	
14	5185325	12	RING, compression	5193477
15	5179836	6	RING, oil control (3-piece type)	5193477
16	5186590	3	LINER, cylinder	5193609
17	{ 2190595	-	SHIM, cylinder liner (.0015" thick. Use as req'd)	
	5192226	-	SHIM, cylinder liner (.003" thick. Use as req'd)	

NOTE: In view of the removable-sleeve construction of these engines, oversize pistons or rings are not supplied. When appreciable wear occurs new standard size parts should be installed.

Oversize piston pins are not available. New standard size pins and bushings should be installed when appreciable wear occurs.



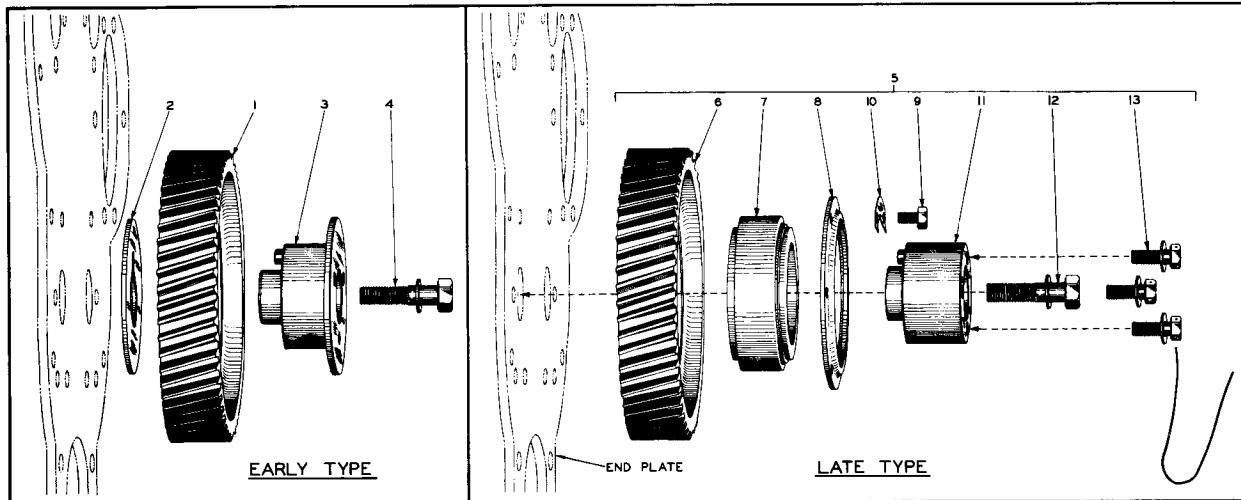
CAMSHAFT AND BALANCE SHAFT

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5185745	1	CAMSHAFT	
2	5150379	1	GEAR, camshaft (62 teeth, 41° left helix)(Engines prior to #371-3858)	
	5176457	1	GEAR, camshaft (78 teeth, 19° left helix)(Engines #371-3858 and up. Also furnish 4 CAPSCREWS 036034 to assure fit on early units)	
3	5193125	2	BEARING SET, camshaft intermediate (standard size)	
	5184171	2	BEARING SET, camshaft intermediate (.010" undersize)	
NOTE: Each BEARING SET listed above consists of two (2) half-bearings.				
4	5150027	2	BOLT, locking, camshaft intermediate bearing (15/32" long)(Original equipment on all engines)	
	5183584	2	BOLT, locking, camshaft intermediate bearing (23/32" long)(Used with late type replacement cylinder blocks only)	
5	5150026	4	RING, locking, intermediate bearing	
6	5158671	1	SHAFT, balance	
7	5150380	1	GEAR, balance shaft (62 teeth, 41° right helix)(Engines prior to #371-3858)	
	5176458	1	GEAR, balance shaft (78 teeth, 19° right helix)(Engines #371-3858 and up. Also furnish 4 CAPSCREWS 036034 to assure fit on early units)	
NOTE: Each BEARING ASSEMBLY listed below includes bronze bushings which are not serviced separately.				
8	5153951	2	BEARING ASSEMBLY, rear end (standard size)(Engines prior to #371-4702)	
	5158922	2	BEARING ASSEMBLY, rear end (standard size)(Engines #371-4702 and up)	
9	5192589	2	BEARING ASSEMBLY, rear end (.010" undersize)	
	5192590	2	BEARING ASSEMBLY, rear end (.020" undersize)	
10	013058	6	CAPSCREW, 3/8" NC x 1-1/4"	
	904206	6	LOCKWASHER, 3/8"	
11	5158922	2	BEARING ASSEMBLY, front end (standard size)(When required for engines prior to #371-4702 also furnish 2 WASHERS 5158917)	
	5192589	2	BEARING ASSEMBLY, front end (.010" undersize)	
12	5192590	2	BEARING ASSEMBLY, front end (.020" undersize)	
	013058	6	CAPSCREW, 3/8" NC x 1-1/4"	
	904206	6	LOCKWASHER, 3/8"	
13	5158917	4	WASHER, thrust (standard size)(Engines #371-4702 and up)	
	5192232	4	WASHER, thrust (.010" oversize)(Engines #371-4702 and up)	

(Continued)

CAMSHAFT AND BALANCE SHAFT (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
13	5153000	2	WEIGHT, balance	
14	5153914	4	KEY, woodruff	
15	5150087	4	NUT (1-1/8"NF)	
16	5177769	2	LOCKWASHER, front nut (internal teeth, 1-1/8")	
17	5172734	2	RETAINER, rear nut	
18	{ 5172740 036034 904206	8 8 8	BOLT, shoulder (5/16"NF)(Engines prior to #3A-045) CAPSCREW, 3/8"NF x 1" (Engines #3A-045 and up) LOCKWASHER, 3/8"	



TIMING IDLER GEAR

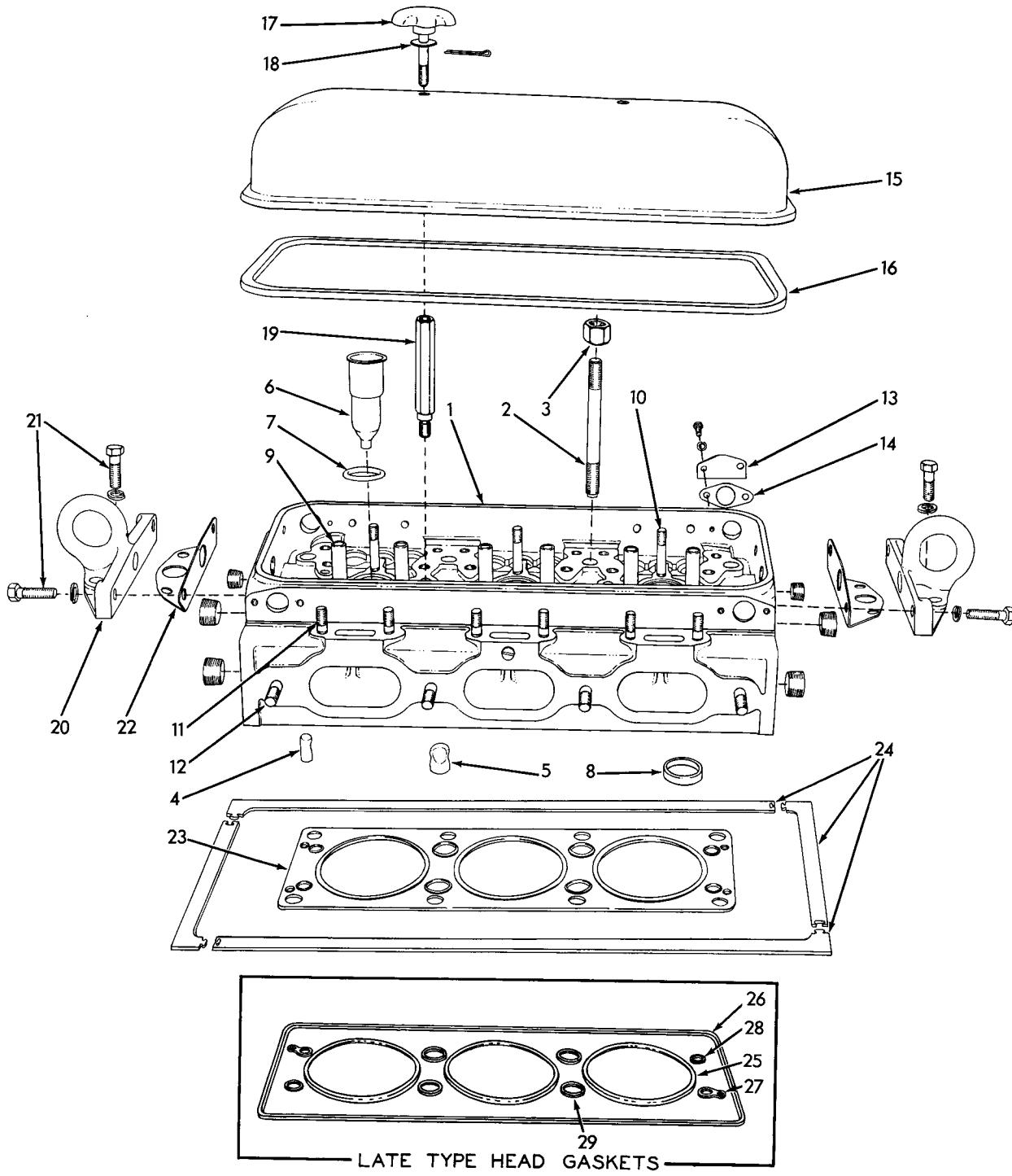
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
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EARLY TYPE - Used on engines prior to serial No. 3A-3024

1	{ 5152814 -----	1 1	GEAR ASSEMBLY (Includes BUSHING which is not serviced separately. 54 teeth, 41° helix)(Used on engines prior to #371-3858) GEAR ASSEMBLY (Includes BUSHING which is not serviced separately. 68 teeth, 19° helix)(Used on engines #371-3858 thru #3A-3023. Order GEAR ASSEMBLY 5192569)	
2	5150273	1	SPACER, idler gear hub	
3	5150274	1	HUB ASSEMBLY, idler gear (Includes dowel PIN)	
4	{ AM-8801 5167714	1 1	CAPSCREW, 1/2"NC x 2" WASHER, plain	

LATE TYPE - Started with engine serial No. 3A-3024.

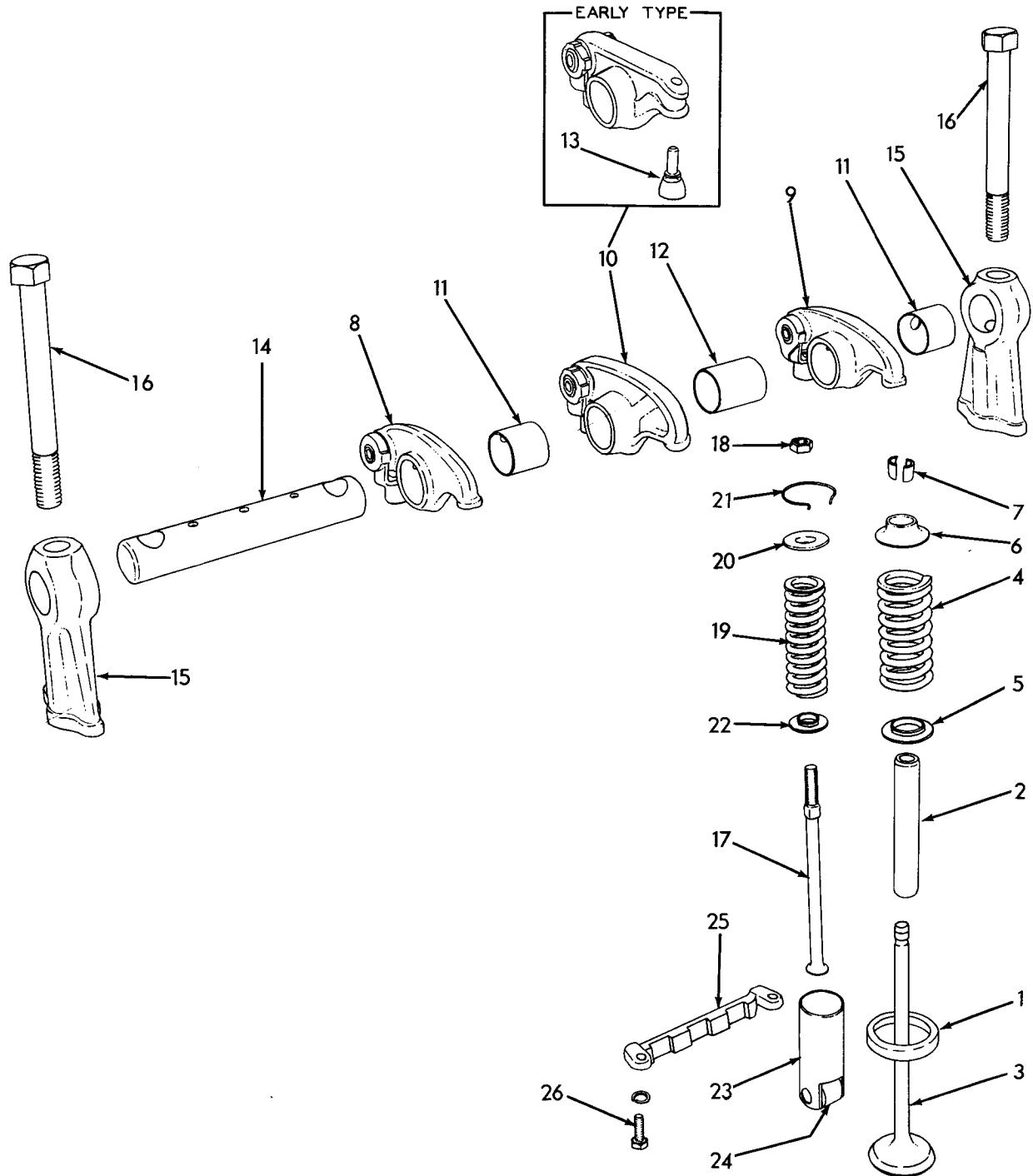
5	5192569	1	GEAR ASSEMBLY (Consists of items 6 thru 13)	
6	5176995	1	GEAR (68 teeth, left helix)	
7	7450205	1	BEARING, roller	
8	5176998	1	RETAINER, roller bearing	
9	065917	6	CAPSCREW, 5/16"NF x 1/2"	
10	5176999	3	LOCK, capscrew	
11	5176996	1	HUB ASSEMBLY, idler gear (Includes dowel PIN)	
12	{ AM-8801 5167714	1 1	CAPSCREW, 1/2"NC x 2" WASHER, plain	
13	{ ----- ----- -----	3 3 1	CAPSCREWS, attaching, flywheel housing WASHERS, plain WIRE, locking	See FLYWHEEL HOUSING



CYLINDER HEAD AND ROCKER COVER

CYLINDER HEAD AND ROCKER COVER

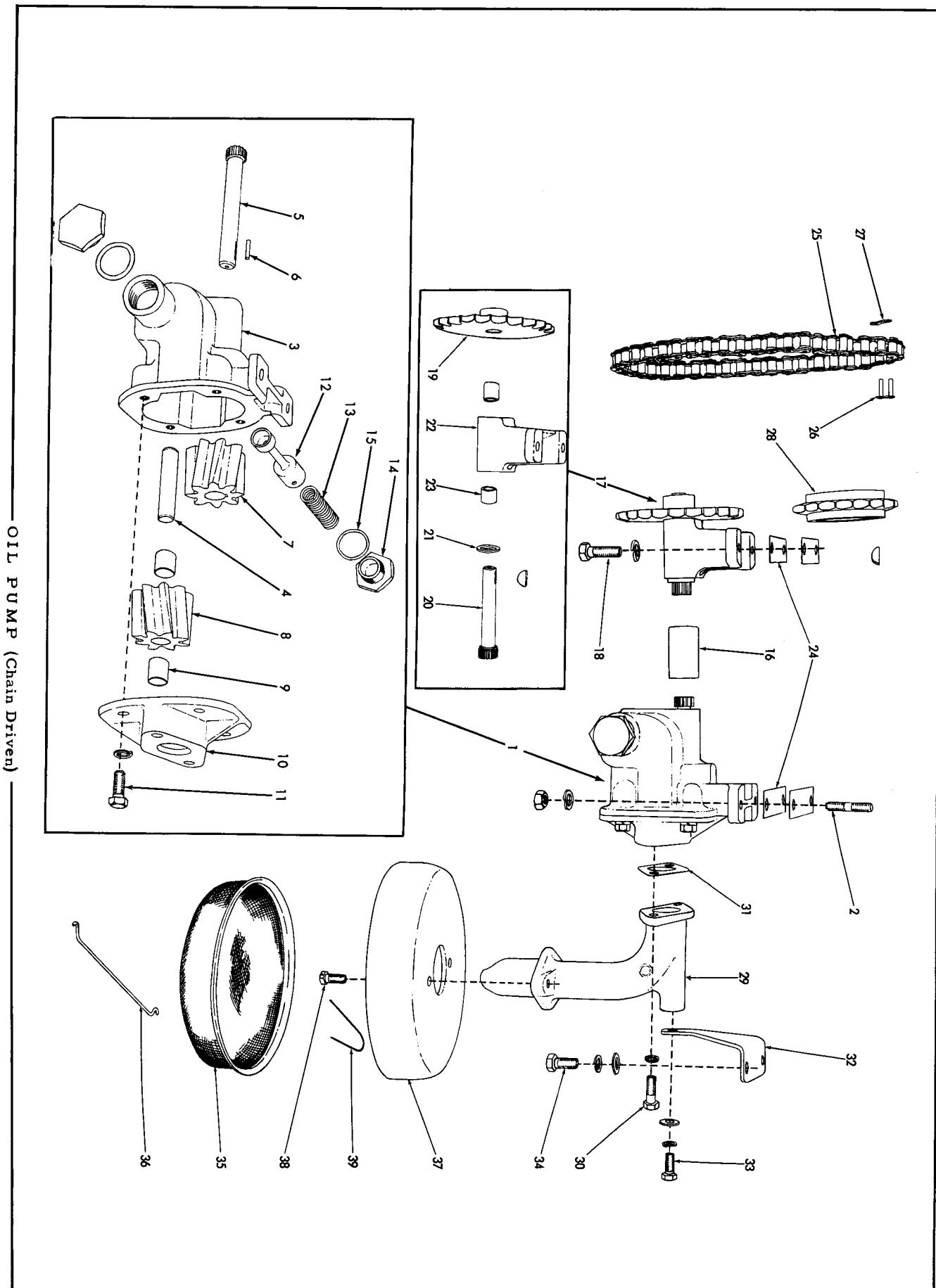
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5185342	1	HEAD ASSEMBLY, cylinder (Includes items 4 thru 12 and PLUGS indented below)(When making first replacement also order 6 VALVE KITS 5193197)	
	904260	2	PLUG, pipe, ctsk-hd., 3/8"NPT	
	904224	4	PLUG, pipe, ctsk-hd., 3/4"NPT	
2	{ 5151159	8	STUD (5/8"NC x 5/8"NF x 5-3/4") (Original equipment)	
	5183329	8	STUD (5/8"NC x 5/8"NF x 6-3/8") (Required for late type replacement cylinder block)	
3	5150013	8	NUT (5/8"NF)	
4	5172874	4	NOZZLE, water, single jet	
5	5172875	4	NOZZLE, water, double jet	
6	5150041	3	TUBE, injector hole	
7	5160037	3	PACKING, injector hole tube	
8	-----	6	INSERT, exhaust valve (See VALVE MECHANISM)	
9	-----	6	GUIDE, exhaust valve (See VALVE MECHANISM)	
10	-----	3	STUD, injector clamp (See FUEL INJECTOR)	
11	-----	6	STUD, water manifold (See RADIATOR AND WATER MANIFOLD)	
12	-----	4	STUD, exhaust manifold (See EXHAUST MANIFOLD AND MUFFLER)	
13	5150268	3	COVER, cylinder head hole	
	905655	6	CAPSCREW, 1/4"NC x 1/2"	
	904204	6	LOCKWASHER, 1/4"	
14	5150269	3	GASKET, hole cover	058034, 35, 36 074688 5193116
15	5178405	1	COVER, rocker	
16	5150327	1	GASKET, rocker cover	058034, 35, 36 074688 5193116
17	5157194	2	BOLT, rocker cover retaining (When required for engines prior to #3A-5994 also order item 19)	
	900806	2	PIN, cotter, 1/8" x 1"	
18	5150333	2	WASHER, rocker cover retaining bolt	
19	5157192	2	STUD, rocker cover retaining bolt (Started with engine #3A-5994)	
20	5150050	2	BRACKET, engine lifting	
21	040011	8	CAPSCREW, 7/16 NC x 1-1/2"	
	904207	8	LOCKWASHER, 7/16"	
22	5150052	2	GASKET, engine lifting bracket	058034, 35, 36 074688 5193116
NOTE: Items 23 and 24 comprise the EARLY TYPE HEAD GASKET ARRANGEMENT used as original equipment.				
23	5150043	1	GASKET, cylinder head	058034, 35, 36
24	5192918	1	GASKET SET, oil, cylinder head (4 pieces)	058034, 35, 36
NOTE: Items 25 thru 29 comprise the LATE TYPE HEAD GASKET ARRANGEMENT required with the new type replacement cylinder block.				
25	5183330	3	GASKET, cylinder (metal)	074688 5193116
26	5183948	1	RING, cylinder head oil seal (rubber)	074688 5193116
27	5183305	2	GASKET, water and oil holes (rubber)	074688 5193116
28	5184302	2	RING, end water hole (rubber)	074688 5193116
29	5184301	4	RING, water hole (rubber)	074688 5193116



VALVE MECHANISM

VALVE MECHANISM

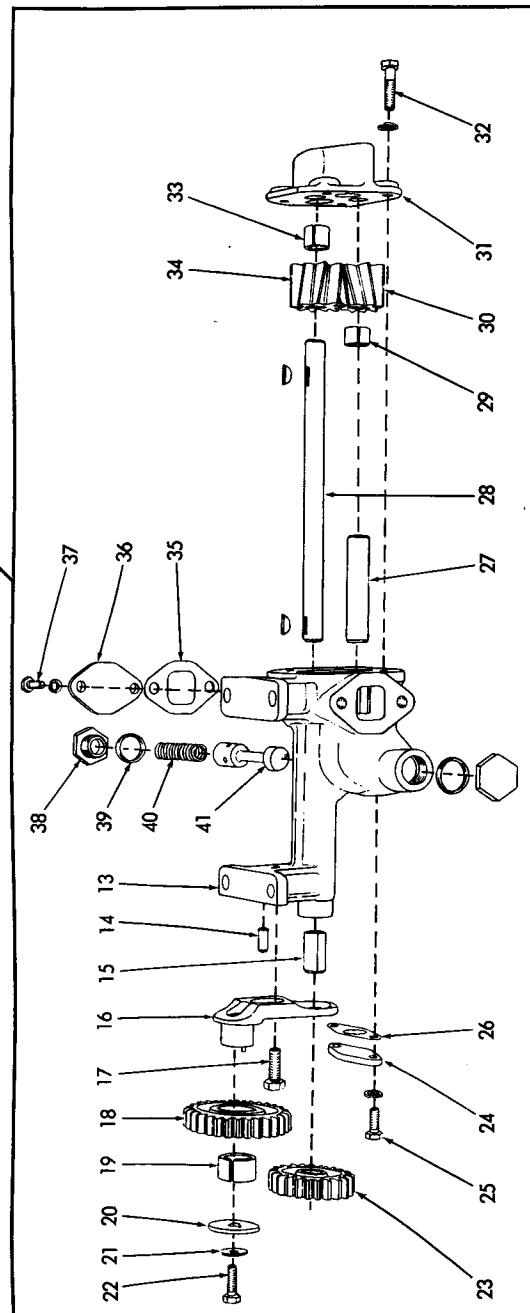
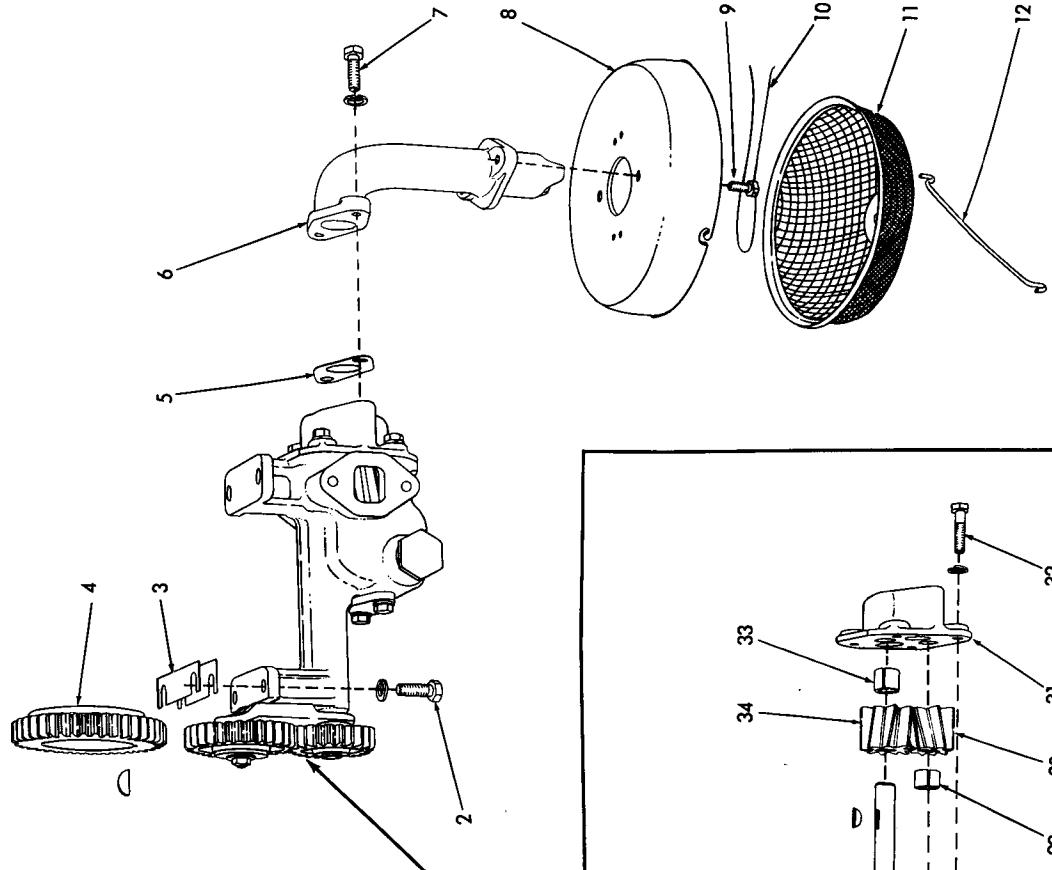
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 5178540 5185326	6 6	INSERT, exhaust valve (45° seat)(Original equipment) INSERT, exhaust valve (30° seat)(Furnished in late type replacement cylinder heads)	
2	{ 5178590 5192717	6 6	GUIDE, exhaust valve (Standard size) GUIDE, exhaust valve (.016" oversize on O.D. Use for replacement of loose guides. Requires that cylinder head be reamed).	
3	{ 5192718 5193197	6 6	VALVE KIT, exhaust (One 45° VALVE and 2 LOCKS 069171)(Original equipment) VALVE KIT, exhaust (One 30° VALVE and 2 LOCKS 069171)(Required for late type replacement cylinder heads)	
4	5150289	6	SPRING, exhaust valve	
5	5150292	6	SEAT, valve spring	
6	5150291	6	CAP, valve spring	
7	{ 5150290 069171	12 12	LOCK, valve spring cap (For double-groove valve stem. Used on engines prior to #371-29836) LOCK, valve spring cap (For single-groove valve stem. Used on engines #371-29836 and up)	
8	5150304	3	ARM ASSEMBLY, valve rocker, left (Includes item 11. Clevis parts are not serviced separately)	
9	5150305	3	ARM ASSEMBLY, valve rocker, right (Includes item 11. Clevis parts are not serviced separately)	
10	5179954	3	ARM ASSEMBLY, injector rocker (Includes item 12)	
11	5150310	6	BUSHING, valve rocker arm	
12	5150318	3	BUSHING, injector rocker arm	
13	5150319	3	BALL ASSEMBLY, injector rocker arm (1 BALL, 1 SEAT)(Not required with late type replacement rocker arm)	
14	5150322	3	SHAFT, rocker	
15	5150324	6	BRACKET, rocker shaft	
16	5150325	6	BOLT (1/2"NC x 4-1/4", drilled for oil passage)	
17	5150299	9	ROD, push	
18	5151601	9	NUT, push rod locking (5/16"NF)	
19	5150301	9	SPRING, camshaft follower	
20	5150302	9	SEAT, camshaft follower spring, upper	
21	5150303	9	RETAINER, camshaft follower spring upper seat	
22	5150300	9	SEAT, camshaft follower spring, lower	
23	5159837	9	FOLLOWER ASSEMBLY, camshaft (Includes ROLLER and PIN. Also see item 24)	
24	5190348	9	ROLLER KIT, camshaft follower (Each consists of 1 ROLLER and 1 PIN. Roller BUSHING is not serviced separately)	
25	5150298	3	GUIDE, camshaft follower roller	
26	034964	6	CAPSCREW, 1/4"NC x 3/4"	
	904204	6	LOCKWASHER, 1/4"	



OIL PUMP

USAGE: Original Equipment. See page 25 for pump used on replacement engines.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153874	1	PUMP ASSEMBLY, lubricating oil (Consists of items 3 thru 15)	
2	5150129	2	STUD (3/8"NF x 1-1/2")	
	911041	2	NUT, 3/8"NF	
	904206	2	LOCKWASHER, 3/8"	
3	5153553	1	BODY ASSEMBLY (Includes item 4)	
4	5151197	1	SHAFT, driven gear	
5	5152720	1	SHAFT, drive gear	
6	5152707	1	KEY, drive gear	
7	5151187	1	GEAR, drive (keywayed)	
8	5153615	1	GEAR ASSEMBLY, driven (Includes item 9)	
9	5153616	2	BUSHING, driven gear	
10	5153626	1	COVER, pump body	
11	045312	4	CAPSCREW, 5/16"NC x 3/4"	
	904205	4	LOCKWASHER, 5/16"	
12	5153247	1	VALVE, pressure relief	
13	5152617	1	SPRING, pressure relief valve	
14	5152613	2	PLUG, pressure relief valve	
15	040399	2	GASKET, pressure relief valve plug	058034, 36
16	5155026	1	SLEEVE, coupling	074688
17	5152797	1	SHAFT ASSEMBLY, driven sprocket (Consists of items 19 thru 23)	
18	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	2	LOCKWASHER, 3/8"	
19	5151218	1	SPROCKET, driven	
	905121	1	KEY, #5 woodruff, 1/8" x 5/8"	
20	5152719	1	SHAFT, sprocket	
21	5152721	1	WASHER, thrust, sprocket shaft	
22	5151206	1	SUPPORT ASSEMBLY, sprocket shaft (Includes item 23)	
23	5153616	2	BUSHING, sprocket shaft support	
24	5176119	-	SHIM, driving chain adjustment (.005" thick. Use as req'd)	
25	5152992	1	CHAIN, driving (45 links. Includes items 26 and 27)	
26	5152993	1	LINK, connecting, driving chain	
27	5152994	1	BAR, side, driving chain connecting link	
28	5150334	1	SPROCKET, driving (on crankshaft)	
	905123	1	KEY, #9 woodruff, 3/16" x 3/4"	
29	5153814	1	INLET, oil	
30	045295	2	CAPSCREW, 5/16"NC x 1"	
	904205	2	LOCKWASHER, 5/16"	
31	5153627	1	GASKET, oil inlet	058034, 36
32	5154182	1	BRACKET, inlet supporting	074688
33	045312	1	CAPSCREW, 5/16"NC x 3/4"	
	904205	1	LOCKWASHER, 5/16"	
	910335	1	WASHER, plain, SAE std., 5/16"	
34	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	904206	2	LOCKWASHER, 3/8"	
	911115	2	WASHER, plain, SAE std., 3/8"	
35	5153286	1	SCREEN, oil	
36	5153284	1	RETAINER, oil screen	
37	5153285	1	COVER, oil screen	
38	5155605	2	CAPSCREW (drilled head, 5/16"NC x 11/16")	
39	023633	1	WIRE, locking (1/16" x 12")	

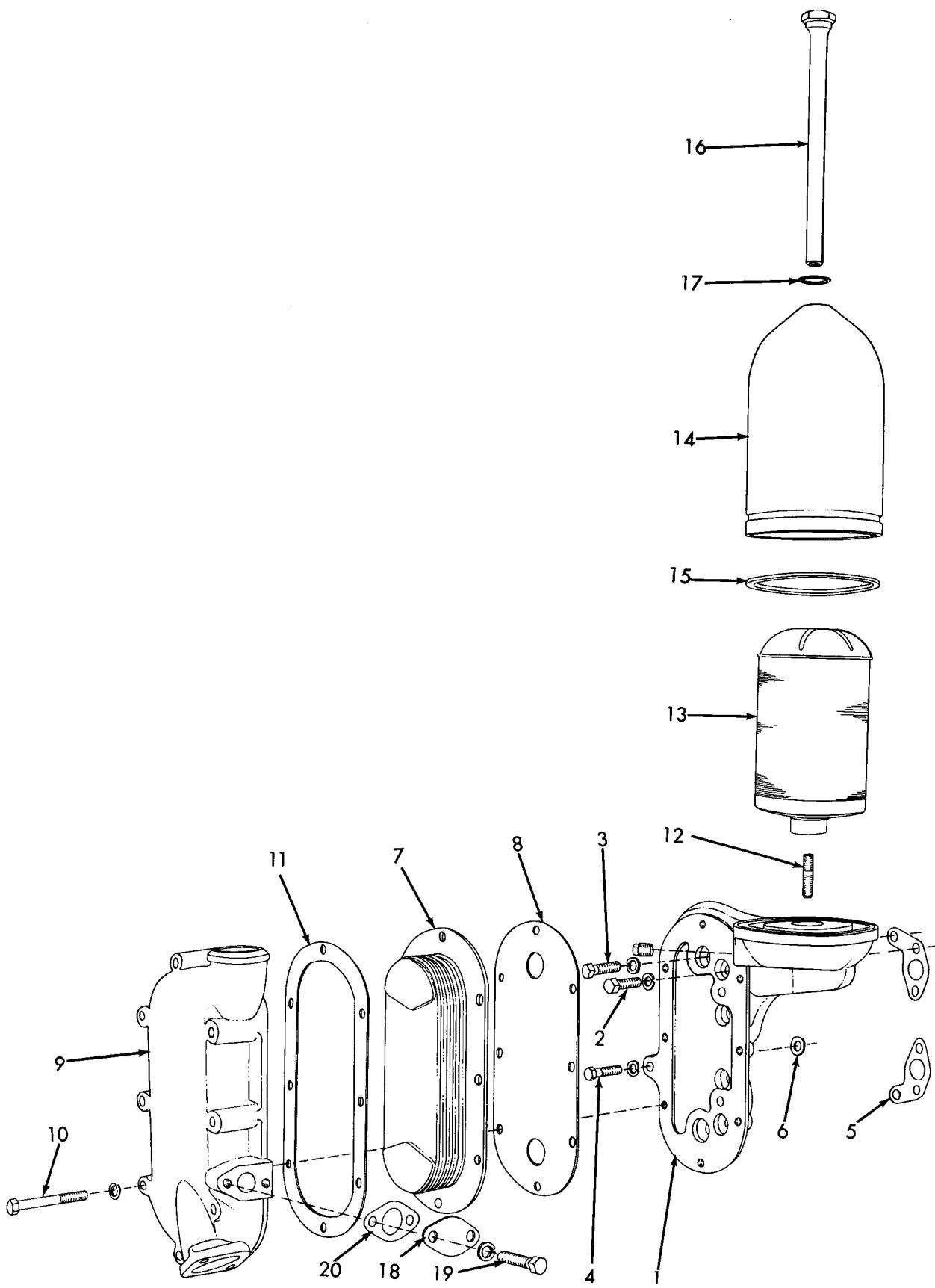


OIL PUMP (Replacement Engines)

OIL PUMP

USAGE: Furnished on replacement engines only. See page 23 for pump used as original equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5175986	1	PUMP ASSEMBLY (Consists of items 13 thru 41)	
2	036034	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
3	5176119	-	SHIM, adjusting, driving gear mesh (.005" thick. Use as req'd)	
4	5166821	1	GEAR, pump driving (40 teeth. On crankshaft)	
	905123	1	KEY, #9 woodruff, 3/16" x 3/4"	
5	5153627	1	GASKET, oil inlet	074688
6	5166871	1	INLET, oil	
7	045295	2	CAPSCREW, 5/16"NC x 1"	
	904205	2	LOCKWASHER, 5/16"	
8	5153285	1	COVER, oil screen	
9	5155605	2	CAPSCREW (drilled head, 5/16"NC x 11/16")	
10	023633	1	WIRE, locking (1/16" x 12")	
11	5153286	1	SCREEN, oil	
12	5153284	1	RETAINER, oil screen	
13	5175680	1	BODY ASSEMBLY (Includes items 14, 15 and 27)	
14	5176035	1	PIN, dowel	
15	5153147	2	BUSHING, body	
16	5169195	1	SUPPORT ASSEMBLY, driven gear (1 SUPPORT, 1 PIN)	
17	065265	1	CAPSCREW, 3/8"NC x 7/8"	
18	5156683	1	GEAR ASSEMBLY, intermediate (30 teeth. Includes item 19)	
19	5156521	1	BUSHING, intermediate gear	
20	5169197	1	WASHER, retaining, intermediate gear	
21	5175944	1	WASHER, capscrew locking	
22	054130	1	CAPSCREW, 5/16"NC x 7/8"	
23	5156528	1	GEAR, driven (24 teeth)	
24	5156955	1	COVER, body pad, front	
25	045312	2	CAPSCREW, 5/16"NC x 3/4"	
	904205	2	LOCKWASHER, 5/16"	
26	5151370	1	GASKET, front pad cover	074688
27	5153310	1	SHAFT, driven gear	
28	5153309	1	SHAFT, drive gear	
	905121	2	KEY, #5 woodruff, 1/8" x 5/8"	
29	5166840	2	BUSHING, driven gear	
30	5166649	1	GEAR ASSEMBLY, driven (Includes item 29)	
31	5154252	1	COVER ASSEMBLY (Includes item 33)	
32	037450	4	CAPSCREW, 5/16"NC x 1-1/4"	
	904205	4	LOCKWASHER, 5/16"	
33	5153154	1	BUSHING, cover	
34	5166650	1	GEAR, drive	
35	5153313	1	GASKET, side pad cover	
36	5153311	1	COVER, body pad, side	
37	045312	2	CAPSCREW, 5/16 NC x 3/4"	
	904205	2	LOCKWASHER, 5/16"	
38	5152613	2	PLUG, pressure relief valve	
39	040399	2	GASKET, pressure relief valve plug	074688
40	5155765	1	SPRING, pressure relief valve	
41	5153247	1	VALVE, pressure relief	



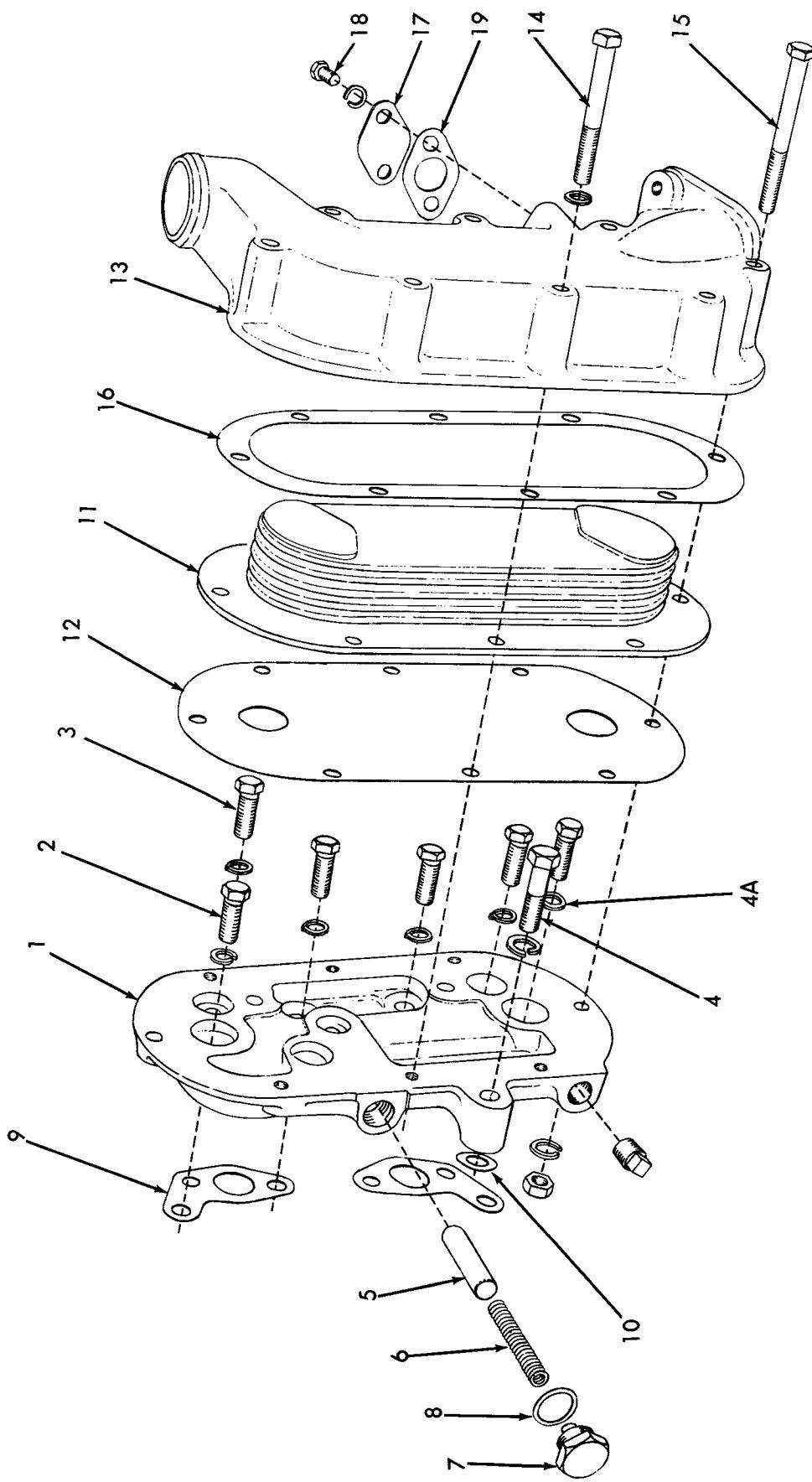
OIL COOLER AND PRIMARY FILTER

OIL COOLER AND PRIMARY FILTER

USAGE: Engines prior to serial No. 3A-2789.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153294 901652	1 1	ADAPTER ASSEMBLY, oil cooler and filter (Includes item 12) PLUG, pipe, 1/4"NPT	
2	040382	4	CAPSCREW, 3/8"NC x 1-3/8"	
3	044249	2	CAPSCREW, 3/8"NC x 1-1/8"	
4	041914 904206	1 6	CAPSCREW, 3/8"NC x 1-7/8" LOCKWASHER, 3/8"	
5	5150154	2	GASKET, adapter to cylinder block	058034
6	5152904	1	GASKET, spacing	058034
7	8501327	1	CORE, oil cooler	
8	5154215	1	GASKET, oil cooler element	058034
9	5151456	1	HOUSING, oil cooler	
10	033751 904205	8 8	CAPSCREW, 5/16"NC x 2-1/2" LOCKWASHER, 5/16"	
11	5150155	1	GASKET, oil cooler housing	058034
12	5153229	1	STUD, oil filter case retainer	
13	5159423	1	ELEMENT, oil filter	
14	8526	1	CASE, oil filter	
15	207046	1	GASKET, oil filter case	058034 074688
16	5153046	1	RETAINER, oil filter case	
17	040395	1	GASKET, oil filter case retainer	058034 074688
18	5151305	1	COVER, water hole (Used on engines #371-29836 and up)	
19	045312 904205	2 2	CAPSCREW, 5/16"NC x 3/4" LOCKWASHER, 5/16"	
20	5151190	1	GASKET, water hole cover (Used on engines #371-29836 and up) . . .	058034

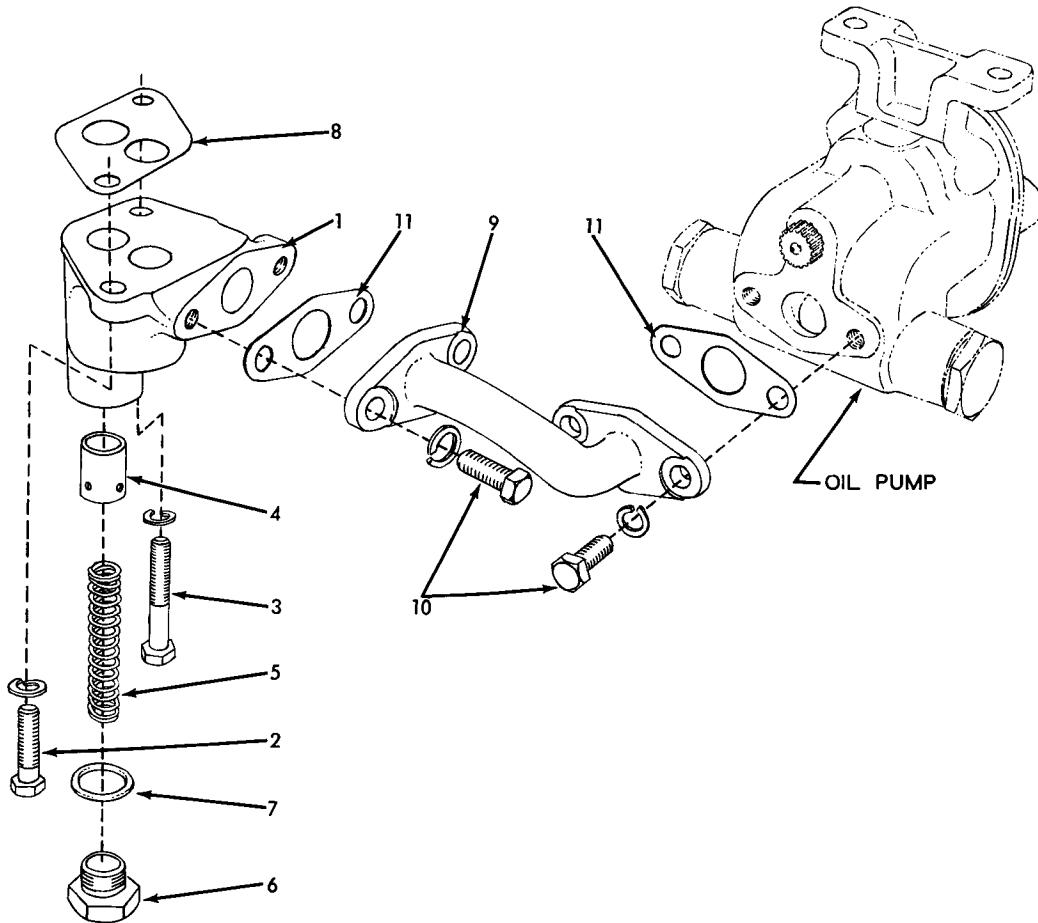
OIL COOLER (Late Type)



OIL COOLER

USAGE: Engines serial No. 3A-2789 and up.

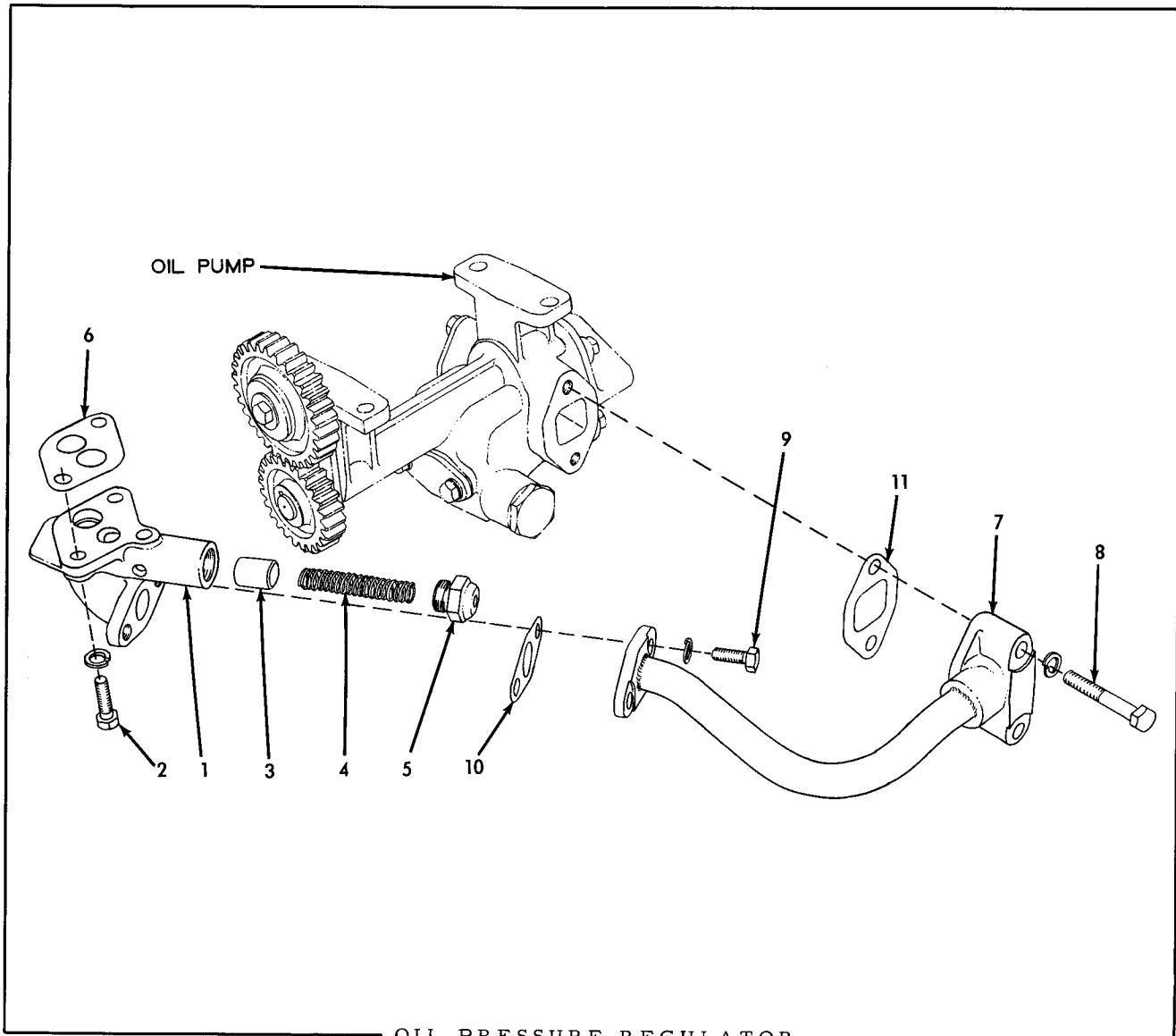
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5178244	1	ADAPTER ASSEMBLY (Includes items 5 thru 8, and 1 PLUG 901652)(When required for engines prior to #3A-4565 also order 4 CAPSCREWS 044249)	
2	901652	1	PLUG, pipe, 1/4"NPT	
2	044249	2	CAPSCREW, 3/8"NC x 1-1/8"	
3	{ 040382	4	CAPSCREW, 3/8"NC x 1-3/8" (Engines prior to #3A-4565)	
3	{ 044249	4	CAPSCREW, 3/8"NC x 1-1/8" (Started with engine #3A-4565)	
4	041914	1	CAPSCREW, 3/8"NC x 1-7/8"	
4A	5152148	1	WASHER, plain (copper)	
	904206	6	LOCKWASHER, 3/8"	
5	{ 5156769	1	VALVE, pressure relief (1/2" diam.)(Used on engines prior to #3A-4565)	
	{ 5177777	1	VALVE, pressure relief (5/8" diam.)(Started with engine #3A-4565)	
6	{ 5152381	1	SPRING, pressure relief valve (13/32" O. D.)(Used on engines prior to #3A-4565)	
	{ 5177778	1	SPRING, pressure relief valve (15/32" O. D.)(Started with engine #3A-4565)	
7	{ 5156782	1	PLUG, pressure relief valve (5/8"NF)(Used on engines prior to #3A-4565)	
	{ 5177772	1	PLUG, pressure relief valve (18MM.)(Started with engine #3A-4565)	
8	{ 5156768	1	GASKET, pressure relief valve (21/32" hole)(Used on engines prior to #3A-4565)	058034 074688
	{ 5177773	1	GASKET, pressure relief valve (23/32" hole)(Started with engine #3A-4565)	058034 074688
9	5150154	2	GASKET, adapter to cylinder block	058034 074688
10	5152904	1	GASKET, spacing	058034 074688
11	8501327	1	CORE, oil cooling	
12	5154215	1	GASKET, oil cooling element.	058034 074688
13	5151456	1	HOUSING, oil cooler element	
14	033751	6	CAPSCREW, 5/16"NC x 2-1/2"	
15	043733	2	CAPSCREW, 5/16"NF x 3"	
	913636	2	NUT, 5/16"NF	
	904205	8	LOCKWASHER, 5/16"	
16	5150155	1	GASKET, oil cooler housing	058034 074688
17	5151305	1	COVER, water hole	
18	045312	2	CAPSCREW, 5/16"NC x 3/4"	
	904205	2	LOCKWASHER, 5/16"	
19	5151190	1	GASKET, water hole cover	058034 074688



OIL PRESSURE REGULATOR

USAGE: Original Equipment. See page 31 for Regulator used on replacement engines.

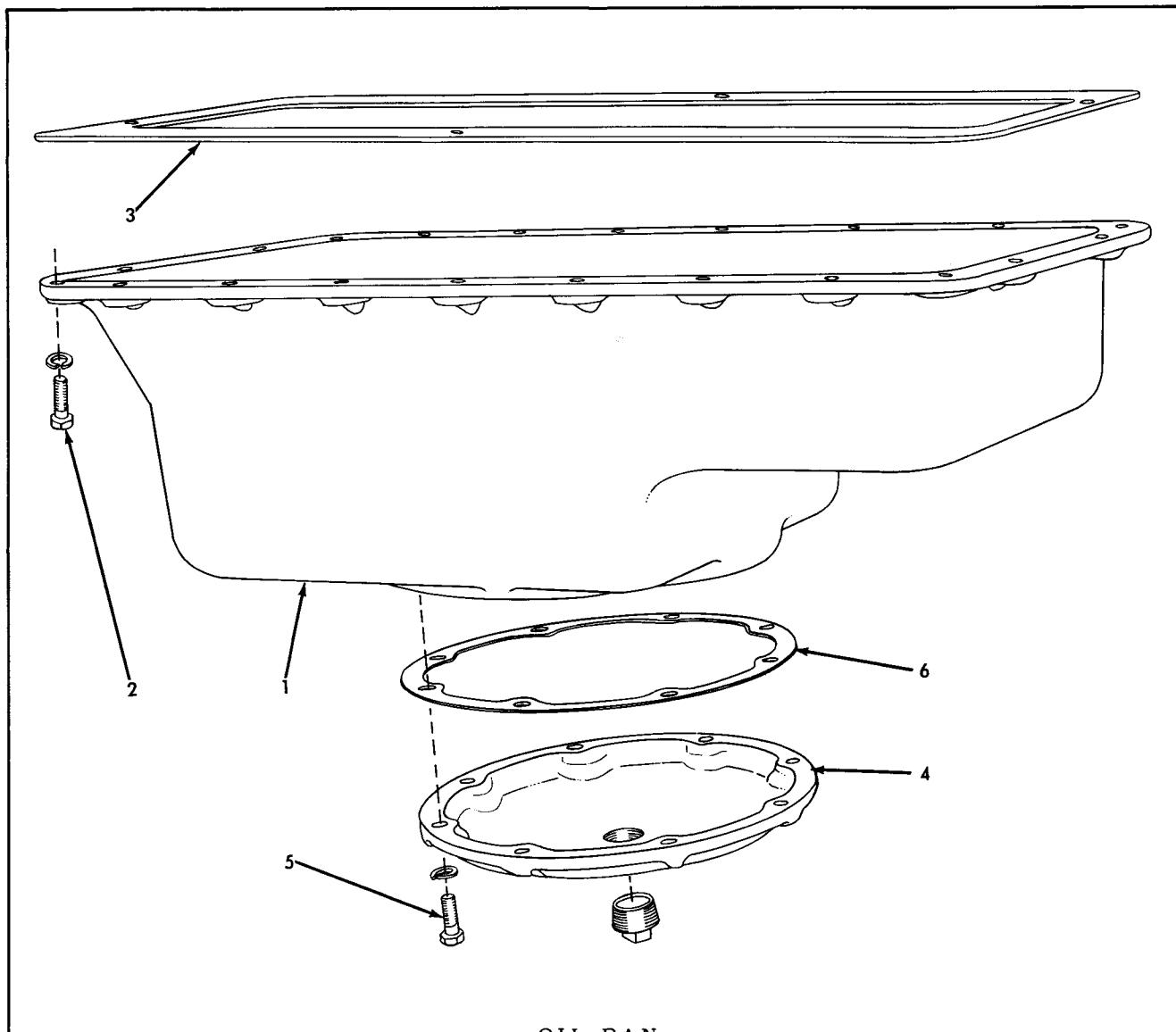
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5158578	1	VALVE ASSEMBLY, oil by-pass (Includes items 4 thru 7)	
2	045295	1	CAPSCREW, 5/16"NC x 1"	
3	051473	1	CAPSCREW, 5/16"NC x 1-3/4"	
	904205	2	LOCKWASHER, 5/16"	
4	{ 905365	1	BALL, steel, 5/8" diam. (Used on engines prior to #371-3864)	
	{ 5157473	1	PLUNGER, oil by-pass (Used on engines #371-3864 and up)	
5	{ 5151461	1	SPRING, oil by-pass plunger (Used on engines prior to #371-3864)	
	{ 5156815	1	SPRING, oil by-pass plunger (Used on engines #371-3864 and up)	
6	{ 5150032	1	PLUG, spring retaining (Used on engines prior to #371-3864)	
	{ 5157587	1	PLUG, spring retaining (Used on engines #371-3864 and up)	
7	040942	1	GASKET, spring retaining plug	058034, 36 074688
8	5154199	1	GASKET, by-pass valve body to block	058034, 36 074688
9	5153972	1	PIPE, oil pump to by-pass valve	
10	045312	4	CAPSCREW, 5/16"NC x 3/4"	
	904205	4	LOCKWASHER, 5/16"	
11	5151370	2	GASKET, oil pipe	058034, 36 074688



OIL PRESSURE REGULATOR

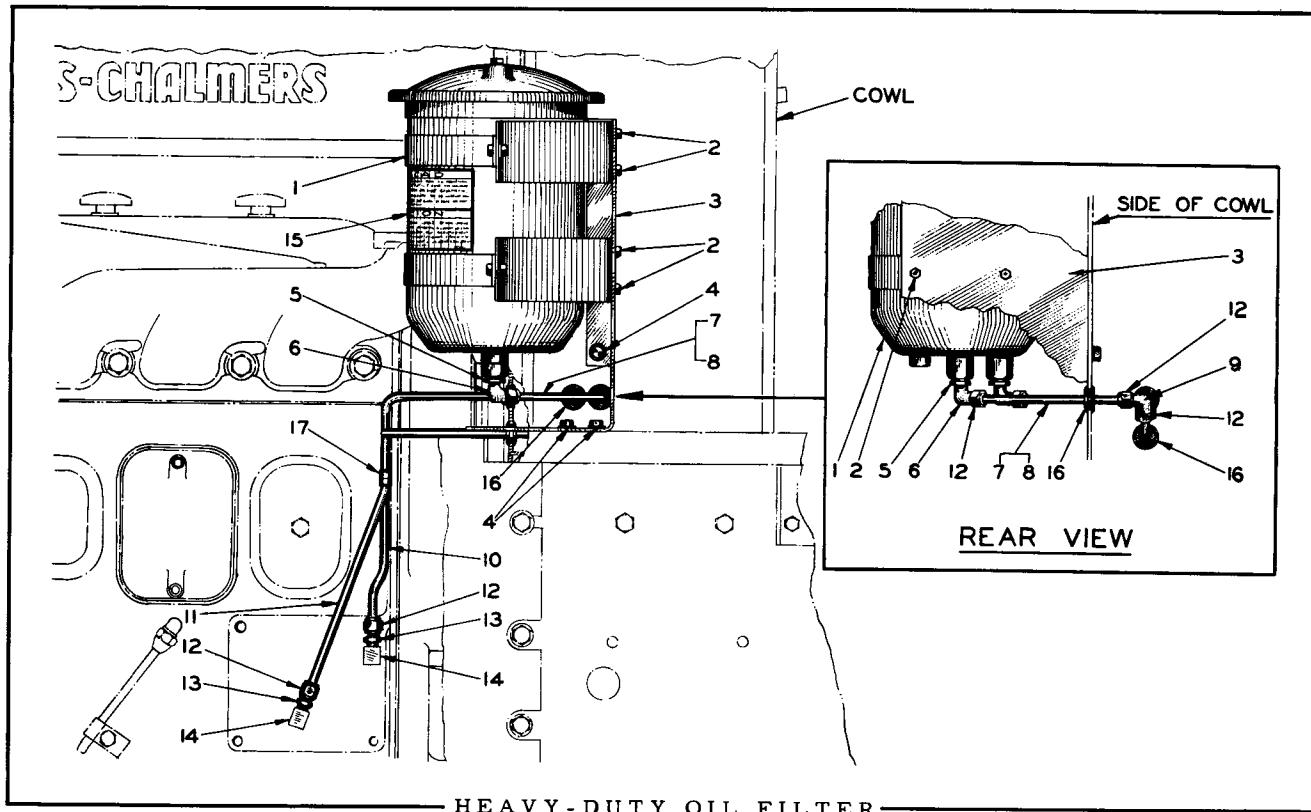
USAGE: Furnished on replacement engines only. See page 30 for
Regulator used as original equipment.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5159384	1	REGULATOR ASSEMBLY (Includes items 3 thru 5)	
2	045295	2	CAPSCREW, 5/16"NC x 1"	
	904205	2	LOCKWASHER, 5/16"	
3	5156819	1	VALVE	
4	5156815	1	SPRING	
5	5156816	1	PLUG	
6	5154199	1	GASKET, regulator to cylinder block	074688
7	5159388	1	PIPE, pump to regulator	
8	051473	2	CAPSCREW, 5/16"NC x 1-3/4"	
9	045312	2	CAPSCREW, 5/16"NC x 3/4"	
	904205	4	LOCKWASHER, 5/16"	
10	5151370	1	GASKET, pipe to regulator	074688
11	5153313	1	GASKET, pipe to pump	074688



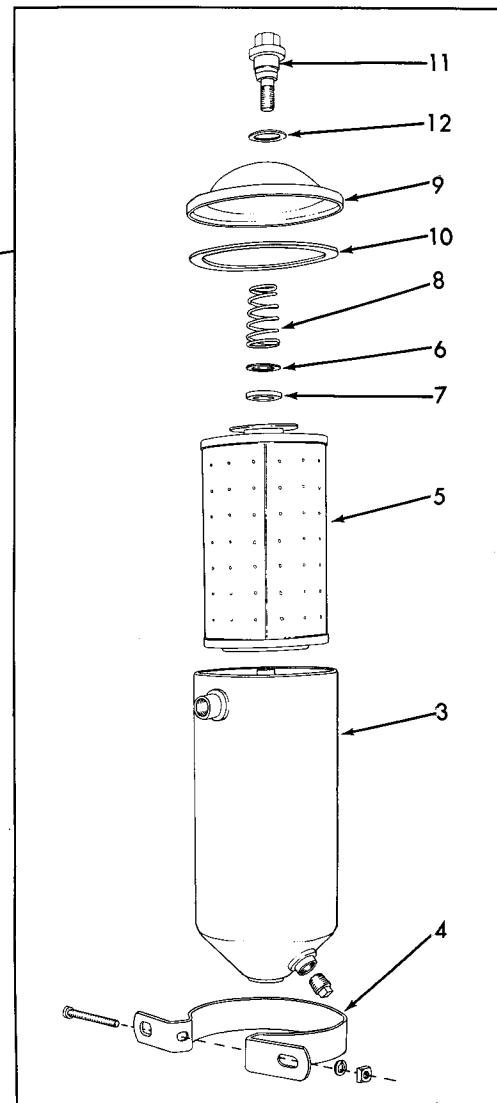
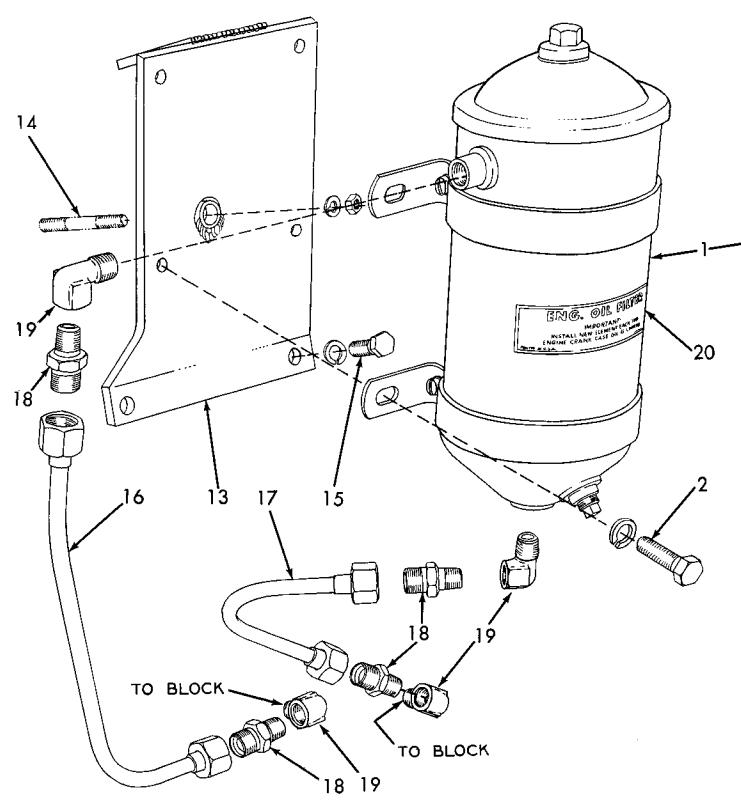
OIL PAN

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5167809	1	PAN, oil (Also see ENGINE COOLANT HEATER)	
2	045295 904205	22	CAPSCREW, 5/16"NC x 1" LOCKWASHER, 5/16"	
3	5150115	1	GASKET, oil pan	058034, 36 074688
4	5153787 912726	1	COVER, handhole PLUG, pipe, 3/4"NPT	
5	045295 904205	8	CAPSCREW, 5/16"NC x 1" LOCKWASHER, 5/16"	
6	5153788	1	GASKET, handhole cover	



USAGE: Special Equipment. See page 35 for Standard Filter.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	061817	1	FILTER ASSEMBLY, lubricating oil (See page 52 for repair parts)	
2	910167	8	CAPSCREW, 5/16"NF x 3/4"	
	904205	8	LOCKWASHER, 5/16"	
	913636	8	NUT, 5/16"NF	
3	064559	1	BRACKET, filter mounting	
4	035167	5	CAPSCREW, 3/8"NF x 7/8"	
	911115	5	WASHER, plain, SAE std., 3/8"	
	904206	5	LOCKWASHER, 3/8"	
	911041	5	NUT, 3/8"NF	
5	901839	2	BUSHING, pipe reducing, 1/2"NPT to 1/4"NPT	
6	915369	2	ELBOW, Sealastic, 90°, 3/8" tube, 1/4"NPT male	
7	064567	1	TUBE, oil supply, upper section (5-1/2" long)	
8	064568	1	TUBE, oil return, upper section (7" long)	
9	915370	2	ELBOW, Sealastic, union, 90°, 3/8" tube	
10	061822	1	TUBE, oil supply, lower section	
11	061821	1	TUBE, oil return, lower section	
12	915366	8	NUT, Sealastic fitting, 3/8" tube	
	915367	8	RING ASSEMBLY, Sealastic fitting, 3/8" tube (Includes FERRULE)	
13	915368	2	CONNECTOR, Sealastic, 3/8" tube, 1/4"NPT male	
14	078926	2	ELBOW, filter tubes (90°, 1/4"NPT male and female)	
15	-----	1	TRANSFER, warning (See PAINTING AND MARKING)	
16	040758	4	GROMMET, tube protecting (rubber)	
17	042672	1	CLIP, tube supporting (closed type, for two 3/8" diam. tubes, 7/16" bolt-hole)	



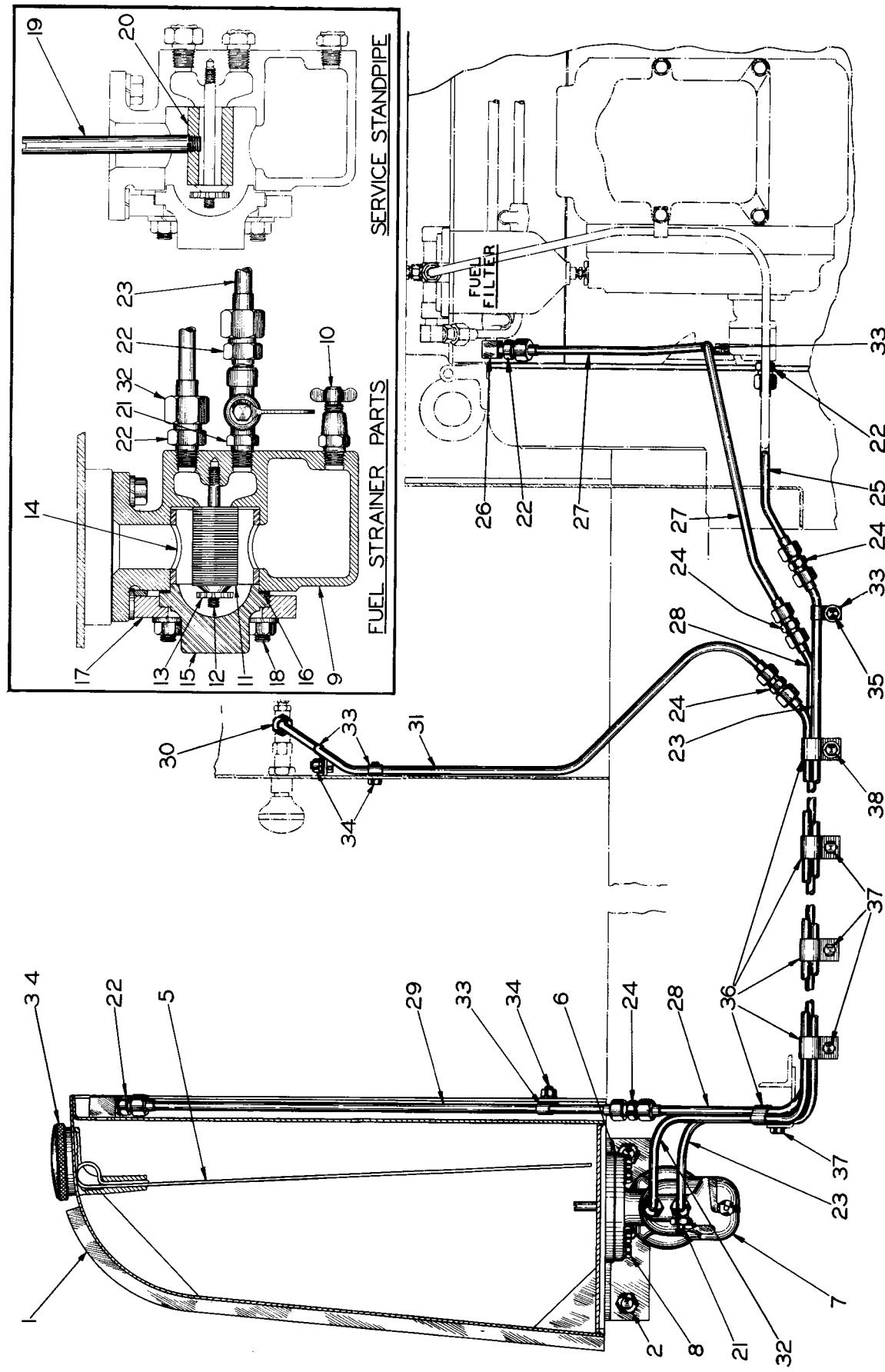
OIL FILTER

OIL FILTER

USAGE: All tractors except those equipped with the special HEAVY-DUTY OIL FILTER listed on page 33.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	040290	1	FILTER, oil (Consists of items 3 thru 12)	
2	036032	4	CAPSCREW, 3/8"NF x 3/4"	
	904206	4	LOCKWASHER, 3/8"	
3	042426	1	SHELL ASSEMBLY (Includes PLUG indented below)	
	901652	1	PLUG, pipe, 1/4"NPT	
4	040805	2	BRACKET, clamping	
	903756	2	SCREW, machine, 1/4"NC x 2-1/2"	
	904204	2	LOCKWASHER, 1/4"	
	911024	2	NUT, 1/4"NC	
5	{ 034914	1	ELEMENT KIT (Includes items 6, 7 and 10)(Original equipment)	
	079640	1	ELEMENT KIT (Includes items 6, 7 and 10)(Optional replacement)	
6	-----	1	WASHER, element retaining (Not serviced. Order item 5)	
7	-----	1	GASKET, retaining washer (Not serviced. Order item 5)	
8	040331	1	SPRING, element retaining	
9	040328	1	COVER, filter shell	
10	040327	1	GASKET, filter shell cover	
11	040788	1	SCREW, cover retaining	
12	040330	1	GASKET, cover retaining screw	
13	041242	1	BRACKET, mounting	
14	-----	1	STUD, handhole cover (See CYLINDER BLOCK)	
	911041	1	NUT, 3/8"NF	
	904206	1	LOCKWASHER, 3/8"	
15	041250	2	CAPSCREW, 7/16"NC x 1-1/4"	
	904207	2	LOCKWASHER, 7/16"	
16	041252	1	TUBE ASSEMBLY, oil inlet (Includes NUTS)	
17	041253	1	TUBE ASSEMBLY, oil outlet (Includes NUTS)	
18	040744	4	CONNECTOR, oil lines (1/4"NPT and 5/8"-24 male ends)	
19	078926	4	ELBOW, oil lines (90°, 1/4"NPT male and female)	
20	-----	1	TRANSFER, instruction (See PAINTING AND MARKING)	

FUEL TANK AND LINES (First Type)

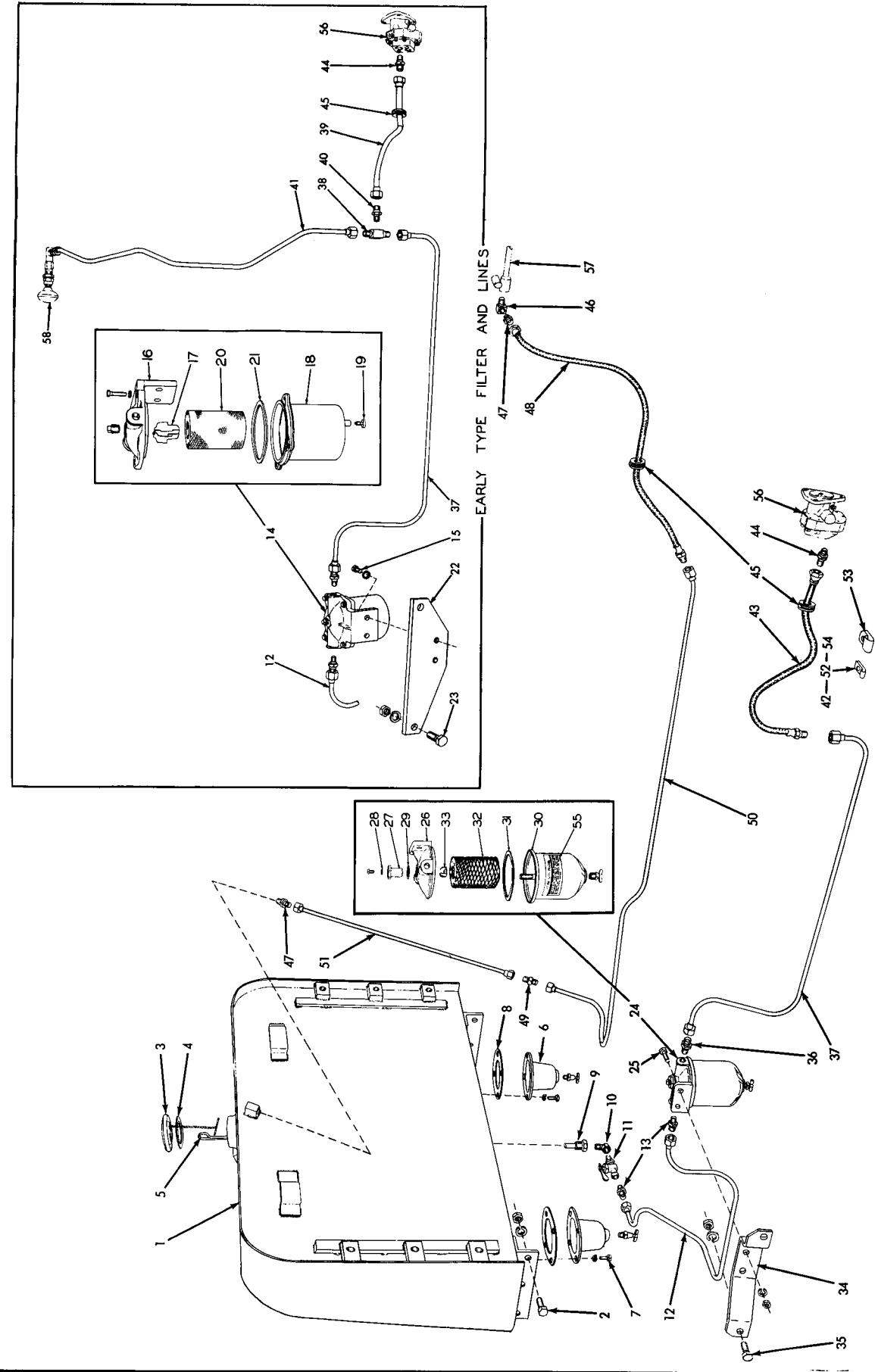


F U E L T A N K A N D L I N E S

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
				USAGE: Tractors prior to serial No. 303
1	-----	1	TANK, fuel (Order item 41)	
2	070469	6	CAPSCREW, 1/2"NF x 1-1/4"	
904208	6		LOCKWASHER, 1/2"	
911043	6		NUT, 1/2"NF	
3	071545	1	CAP ASSEMBLY, fuel tank (Includes item 4)	
4	U-2964	1	GASKET, fuel tank cap	
5	041842	1	GAUGE, fuel level	
6	040607	1	GASKET, fuel strainer to tank	
7	040809	1	STRAINER ASSEMBLY, fuel (Consists of items 8 thru 18)	
8	036034	4	CAPSCREW, 3/8"NF x 1"	
904206	4		LOCKWASHER, 3/8"	
9	040604	1	BASE ASSEMBLY, fuel strainer (Includes items 12 and 18)	
10	912319	1	COCK, drain, T-handle, 1/4"NPT	
11	040025	1	ELEMENT, filtering	
12	040603	1	STUD (1/4"NC x 1/4"NF x 3-1/8")	
13	040026	1	NUT	
14	040605	1	VALVE, sleeve, fuel strainer	
15	040599	1	COVER, fuel strainer sleeve valve	
16	040602	1	GASKET, sleeve valve cover	
17	040601	1	RING, clamping, sleeve valve cover	
18	040606	4	STUD (3/8"NC x 3/8"NF x 1-3/4")	
904206	4		LOCKWASHER, 3/8"	
911041	4		NUT, 3/8"NF	
NOTE: Items 19 and 20 replace items 11 and 14 when it is desired to eliminate the filtering element and thus provide a more free flow of the fuel.				
19	042584	1	PIPE, stand	
20	042671	1	SUPPORT, stand pipe	
21	040810	1	COCK, shut-off, lever handle, 1/4"NPT male and female	
22	040744	5	CONNECTOR, fuel tubes (1/4"NPT and 5/8"-24 male ends)	
23	041844	1	TUBE ASSEMBLY, tank to pump, rear section (66" long. Includes NUTS)	
24	040743	4	UNION, fuel tubes (5/8"-24 male ends)	
25	041845	1	TUBE ASSEMBLY, tank to pump, front section (13-1/2" long. Includes NUTS)	
26	040742	1	ELBOW, fuel return tube (90°, 1/4"NPT male and female, restricted)	
27	-----	1	TUBE ASSEMBLY, fuel return, front section (29" long.)(Order 1 HOSE 049627 and 1 GROMMET 040758)	
28	053061	1	TUBE ASSEMBLY, fuel return, center section (Includes NUTS)	
29	041175	1	TUBE ASSEMBLY, fuel return, rear section (23" long. Includes NUTS)	
30	040740	1	CONNECTOR, air heater pump tube (1/4"NPT and 5/8"-24 male ends)	
31	041671	1	TUBE ASSEMBLY, air heater pump, front section (52" long. Includes NUTS)	
32	041672	1	TUBE ASSEMBLY, air heater pump, rear section (64" long. Includes NUTS)	
33	040796	5	CLIP, fuel tubes (closed type, 3/8" diam., 13/32" bolt-hole)	
34	036032	3	CAPSCREW, 3/8"NF x 3/4"	
35 {	012992	1	CAPSCREW, 3/8"NF x 1-1/4"	
	070962	1	WASHER, plain (1/4" thick)	
	911041	4	NUT, 3/8"NF	
	904206	4	LOCKWASHER, 3/8"	
36	041163	5	CLIP, fuel tubes (closed type, for three 3/8" diam. tubes, 7/16" bolt-hole)	
37	036032	4	CAPSCREW, 3/8"NF x 3/4"	
38 {	012992	1	CAPSCREW, 3/8"NF x 1-1/4"	
	070962	1	WASHER, plain (1/4" thick)	
	911041	5	NUT, 3/8"NF	
	904206	5	LOCKWASHER, 3/8"	

(Continued)

FUEL TANK AND LINES (Second Type)



FUEL TANK AND LINES (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
39	-----	1	TRANSFER, "ALLIS-CHALMERS"	For rear of fuel tank.
40	-----	1	TRANSFER, "HD7 DIESEL"	See PAINTING AND MARKING.
41	043321	1	TANK REPLACEMENT GROUP, fuel (Consists of late type fuel tank with improved sediment sumps and the late type fuel filter arrangement)(For tractors prior to No. 303)	

FUEL TANK AND LINES

USAGE: Tractors serial No. 303 and up.

1	041835	1	TANK, fuel	
2	070469	6	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	6	LOCKWASHER, 1/2"	
	911043	6	NUT, 1/2"NF	
3	071545	1	CAP ASSEMBLY, fuel tank (Includes item 4)	
4	U-2964	1	GASKET, fuel tank cap	
5	041842	1	GAUGE, fuel level	
6	042645	2	SUMP, sediment	
	912319	2	COCK, drain, T-handle, 1/4"NPT	
7	035167	8	CAPSCREW, 3/8"NF x 7/8"	
	904206	8	LOCKWASHER, 3/8"	
8	042641	2	GASKET, sediment sump	
9	042639	1	BUSHING, fuel tank outlet	
10	078926	1	ELBOW, fuel tube (90°, 1/4"NPT male and female)	
11	040810	1	COCK, shut-off, lever handle, 1/4"NPT male and female	
12	053062	1	TUBE ASSEMBLY, tank to filter (Includes NUTS)	
13	040744	2	CONNECTOR, fuel tube (1/4"NPT and 5/8"-24 male ends)	

NOTE: Items 14 thru 23 comprise the EARLY TYPE FUEL FILTER as used on tractors prior to serial No. 17477.

14	042606	1	FILTER ASSEMBLY, fuel, first stage (Consists of items 16 thru 21)	
15	035167	2	CAPSCREW, 3/8"NF x 7/8"	
	904206	2	LOCKWASHER, 3/8"	
16	065472	1	HEAD, fuel filter (Also furnish item 17 to assure fit)	
	901652	1	PLUG, pipe, 1/4"NPT	
17	065473	1	GUIDE, filter element (2 pieces)(Used in late filter only)	
18	043128	1	SHELL ASSEMBLY, fuel filter (Includes clamp RING and item 19)	
	905657	4	CAPSCREW, 1/4"NC x 1"	
	904204	4	LOCKWASHER, 1/4"	
19	043132	1	SCREW, fuel filter drain	
20	048068	1	ELEMENT KIT, fuel filter (Includes item 21)	
21	043130	1	GASKET, fuel filter shell	
22	042673	1	SUPPORT, fuel filter	
	035018	2	CAPSCREW, 1/2"NF x 1-1/2"	
	904208	2	LOCKWASHER, 1/2"	
	911043	2	NUT, 1/2"NF	

NOTE: Items 24 thru 37 comprise the LATE TYPE FUEL FILTER as used on tractors serial No. 17477 and up.

24	065596	1	FILTER ASSEMBLY, fuel, first stage (Consists of items 26 thru 33)	
25	012992	2	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
26	065593	1	HEAD, fuel filter	
27	065578	1	NUT, retaining, fuel filter shell	
	915432	1	SCREW, machine, 1/4"NC x 5/16"	
28	065577	1	GASKET, fuel filter bleeding screw	
29	065579	1	GASKET, filter shell retaining nut	

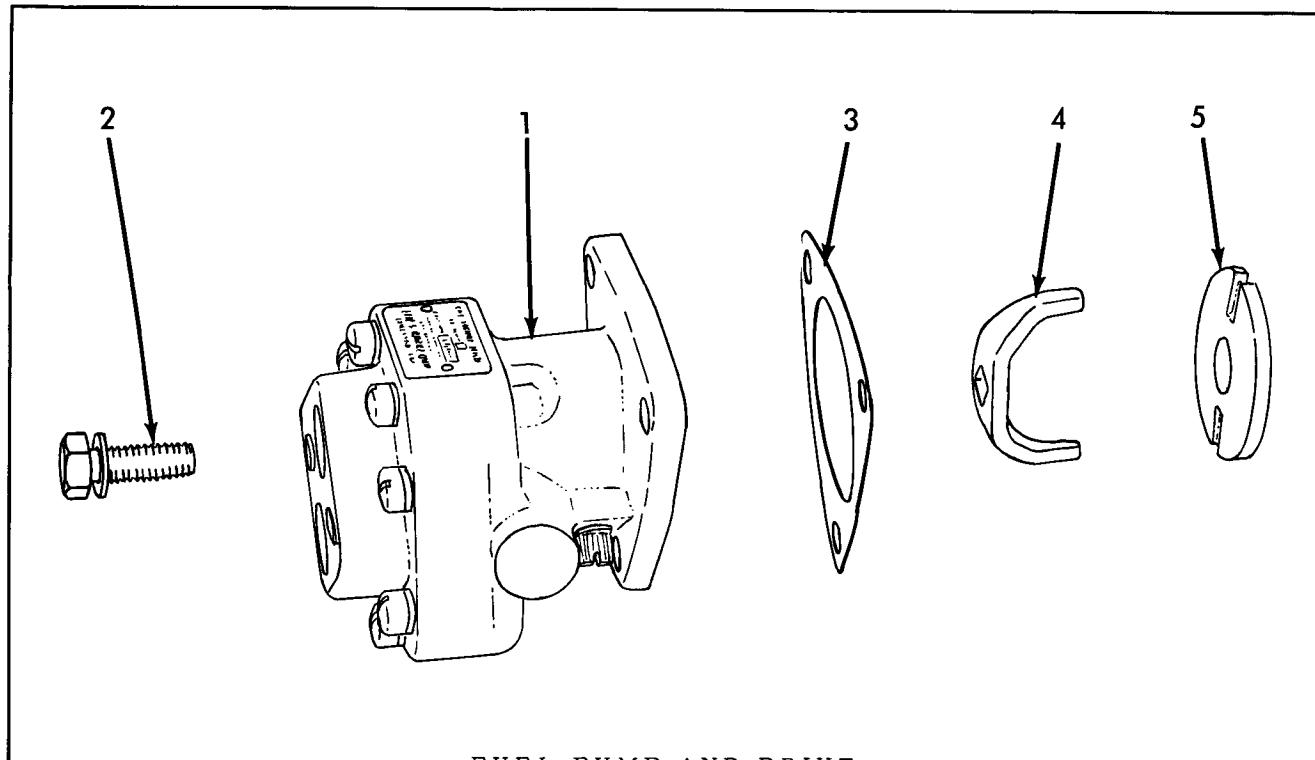
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F U E L T A N K A N D L I N E S (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
30	065621	1	SHELL, fuel filter	
	915433	1	COCK, drain, T-handle, 1/4"NPT	
31	043130	1	GASKET, fuel filter shell	
32	048068	1	ELEMENT KIT, fuel filter (Includes item 31)	
33	065581	1	GUIDE, centering, fuel filter element	
34	065610	1	PLATE, fuel filter mounting	
35	070469	2	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	2	LOCKWASHER, 1/2"	
	911043	2	NUT, 1/2"NF	
36	040744	1	CONNECTOR, fuel tube (1/4"NPT and 5/8"-24 male ends)	
37	042959	1	TUBE ASSEMBLY, filter to pump, rear section (Includes NUTS)	
			NOTE: Items 38 thru 42 are used only on tractors equipped with AIR HEATER. Standard on tractors prior to serial No. 16697. Special on later units.	
38	042963	1	TEE, fuel line (1/4"NPT female side and 5/8"-24 male ends)	
	{ -----	1	TUBE ASSEMBLY, filter to pump, front section (Includes NUTS) (Used on tractors prior to #6179. Furnish HOSE 049693 and BUSHING 040758)	
39	{ 049693	1	HOSE, tee to pump (15" long)(Used on tractors #6179 and up)	
40	040744	1	CONNECTOR, fuel line tee (1/4"NPT and 5/8"-24 male ends)	
41	042960	1	TUBE ASSEMBLY, air heater pump (Includes NUTS)	
	{ 040796	2	CLIP, air heater pump tube (closed type, 3/8" diam., 13/32" bolt-hole)	
42	{ 036032	2	CAPSCREW, 3/8"NF x 3/4"	
	{ 904206	2	LOCKWASHER, 3/8"	
	{ 911041	2	NUT, 3/8"NF	
43	059263	1	HOSE, fuel filter tube to pump (19" long)(Used only on tractors equipped with ENGINE PRIMER. Standard on tractors serial No. 16697 and up)	
44	040744	1	CONNECTOR, fuel pump (1/4"NPT and 5/8"-24 male ends)	
45	040758	2	GROMMET, hose protecting (rubber)(Used on tractors #6179 and up)	
46	040742	1	ELBOW, fuel manifold (90°, 1/4"NPT male and female, restricted)	
47	040744	2	CONNECTOR, fuel return line (1/4"NPT and 5/8"-24 male ends)	
	{ -----	1	TUBE ASSEMBLY, fuel return, front section (Used on tractors prior to #6179. Order 1 HOSE 049627 and 1 GROMMET 040758)	
48	{ 049694	1	HOSE, fuel return (29" long)(Used on tractors #6179 and up)	
49	040743	1	UNION, fuel return line (5/8"-24 male ends)	
50	053061	1	TUBE ASSEMBLY, fuel return, center section (Includes NUTS)	
51	041175	1	TUBE ASSEMBLY, fuel return, rear section (Includes NUTS)	
	{ 040796	3	CLIP, fuel tubes (closed type, 3/8" diam., 13/32" bolt-hole)(5 used on tractors prior to #11520)	
52	{ 036032	2	CAPSCREW, 3/8"NF x 3/4"	
	{ 904206	2	LOCKWASHER, 3/8"	
	{ 911041	2	NUT, 3/8"NF	
	{ 042672	2	CLIP, fuel tubes (closed type, for two 3/8" diam. lines, 7/16" bolt-hole)	
53	{ 036032	1	CAPSCREW, 3/8"NF x 3/4"	
	{ 012992	1	CAPSCREW, 3/8"NF x 1-1/4"	
	{ 070962	1	WASHER, plain (1/4" thick)	
	{ 904206	2	LOCKWASHER, 3/8"	
	{ 911041	2	NUT, 3/8"NF	
	{ 043344	1	CLIP, fuel tube (closed type, 3/8" diam., 9/16" bolt-hole)(Used on tractors prior to #6814)	
	{ 041262	1	CLIP, fuel tube (closed type, 3/8" diam., 13/32" bolt-hole)(Used on tractors #6814 and up)	
54	{ 036034	1	CAPSCREW, 3/8"NF x 1"	
	{ 911041	1	NUT, 3/8"NF	
	{ 904206	1	LOCKWASHER, 3/8"	

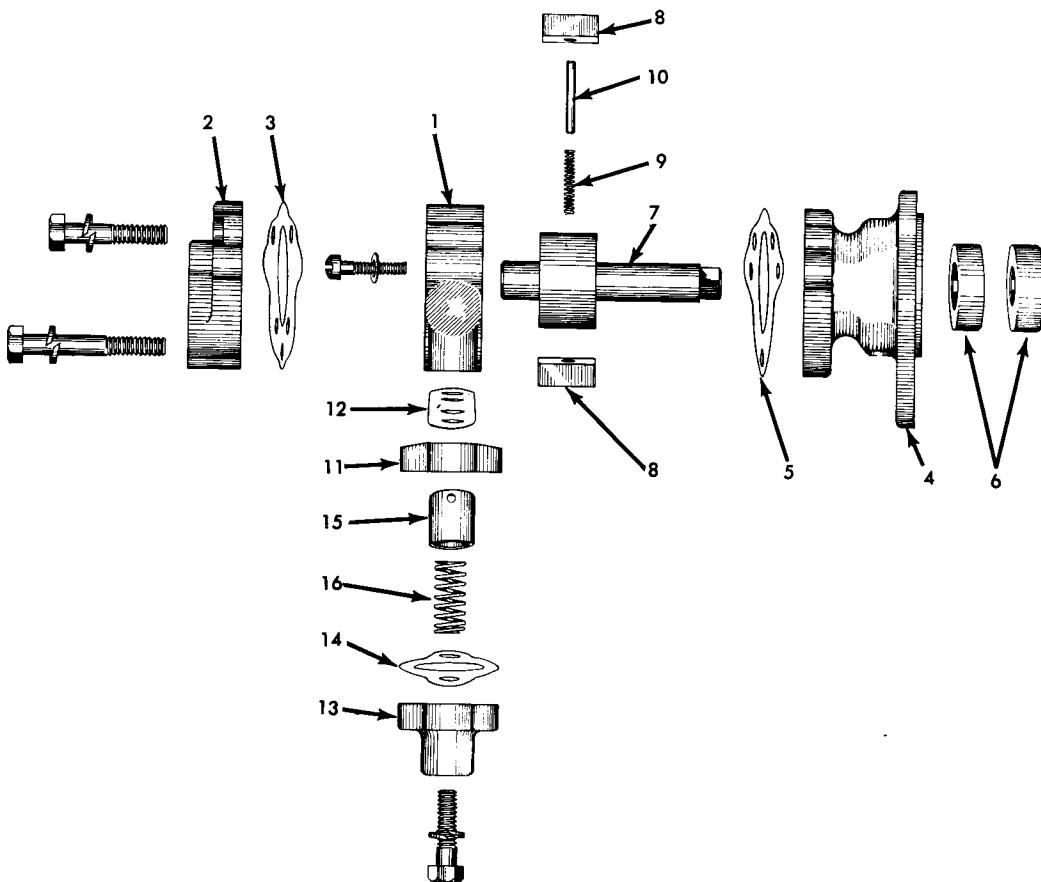
FUEL TANK AND LINES (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
55	-----	1	TRANSFER, fuel filter instruction (See PAINTING AND MARKING)	
56	-----	1	PUMP, fuel (See FUEL PUMP AND DRIVE)	
57	-----	1	MANIFOLD, fuel return (See FUEL MANIFOLDS)	
58	-----	1	PUMP, air heater (See AIR HEATER)	
59	-----	1	TRANSFER, "ALLIS-CHALMERS"	
60	-----	1	TRANSFER, "HD7 DIESEL"	For rear of fuel tank. See PAINTING AND MARKING.



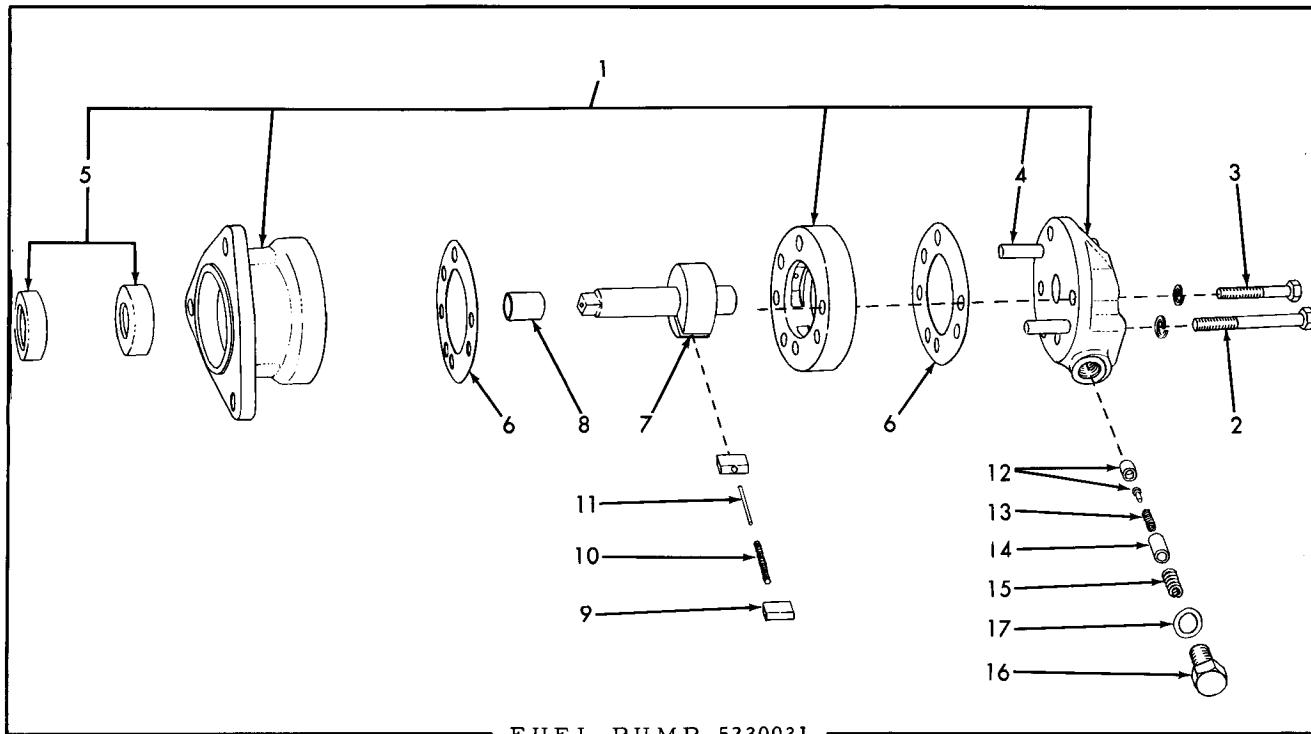
FUEL PUMP AND DRIVE

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5150414	1	PUMP ASSEMBLY, fuel (Vane type. See page 42 for repair parts) (Used on first 17 engines only. Order PUMP ASSEMBLY 5175667)	
	5230031	1	PUMP ASSEMBLY, fuel (Vane type. See page 43 for repair parts) (Used on engines #371-734 thru #371-31594. Order PUMP ASSEMBLY 5175667)	
	5175667	1	PUMP ASSEMBLY, fuel (Gear type. See page 44 for repair parts) (Used on engines #371-31595 and up)	
2	5171159	3	BOLT ASSEMBLY (Includes copper WASHER)	
3	5150193	1	GASKET, pump to blower	058034 074688
4	5150199	1	FORK, coupling	
5	5150229	1	DISC, coupling (3/8" hole)(Used on engines prior to #371-897)	
	5154401	1	DISC, coupling (1/2" hole)(Used on engines #371-897 and up)	



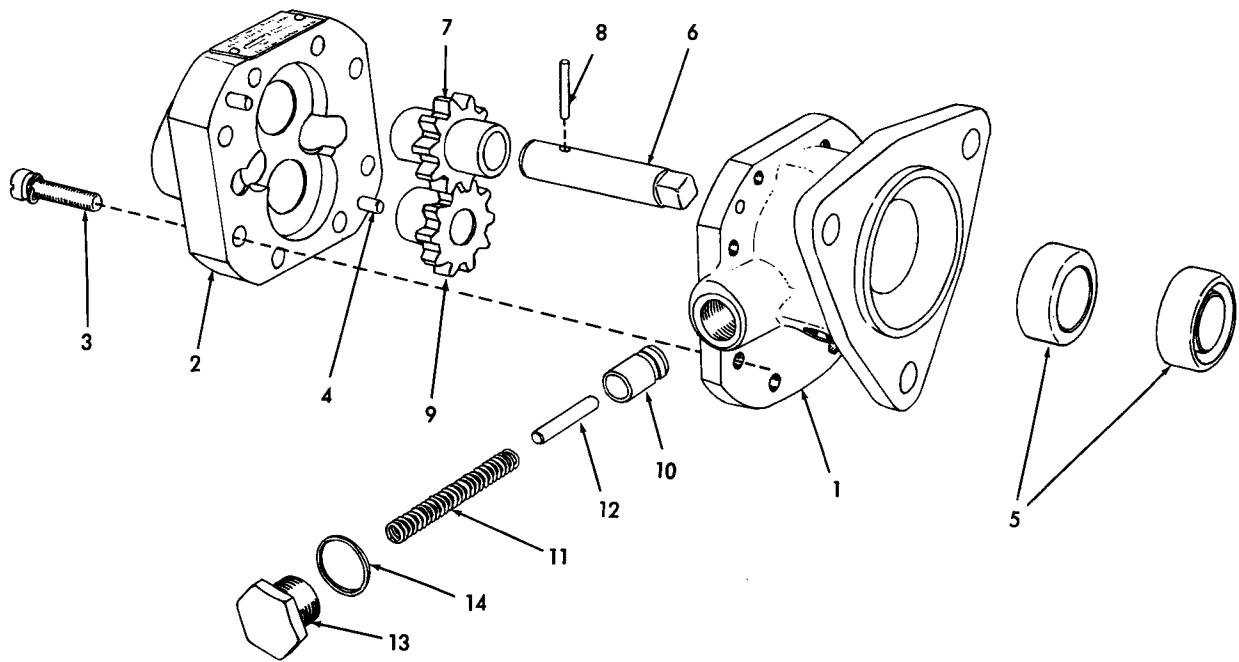
F U E L P U M P 5150414

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
			USAGE: See page 41 for listing of complete Pump Assembly.	
1	5151492	1	HOUSING, rotor	
	913034	2	CAPSCREW, fil-hd., #10-32NF x 7/8"	
	906957	2	LOCKWASHER, internal teeth, #10	
2	{ 054305	1	COVER ASSEMBLY, rotor housing (Includes BUSHING)(Not serviced. Order PUMP ASSEMBLY 5175667)	
	913023	2	CAPSCREW, 1/4"NC x 2"	
	904204	3	CAPSCREW, 1/4"NC x 1-3/8"	
	904204	3	LOCKWASHER, 1/4"	
3	-----	1	GASKET, rotor housing cover (Not available)	
4	-----	1	HOUSING ASSEMBLY, drive (Includes BUSHING)(Not serviced. Order PUMP ASSEMBLY 5175667)	
5	-----	1	GASKET, drive housing (Not available)	
6	5230007	2	SEAL, oil, drive housing	
7	-----	1	ROTOR (Not available)	
8	5230040	2	VANE, rotor	
9	5230021	1	SPRING, rotor vane	
10	5230022	1	GUIDE, rotor vane spring	
11	-----	1	SEAT, pressure relief valve (Not available)	
12	5151506	1	GASKET, pressure relief valve seat	
13	-----	1	HOUSING, pressure relief valve (Not available)	
	905657	2	CAPSCREW, 1/4"NC x 1"	
	904204	2	LOCKWASHER, 1/4"	
14	5152643	1	GASKET, pressure relief valve housing	
15	5151510	1	VALVE, pressure relief	
16	5151505	1	SPRING, pressure relief valve	



F U E L P U M P 5230031

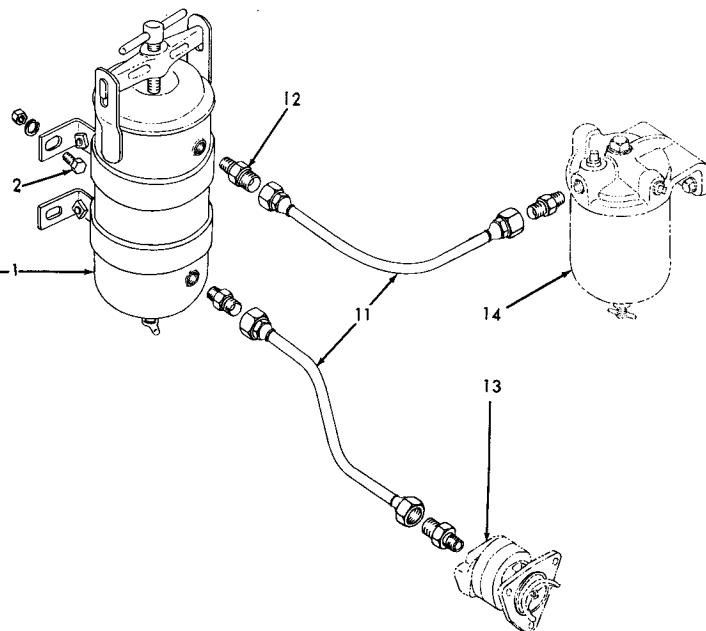
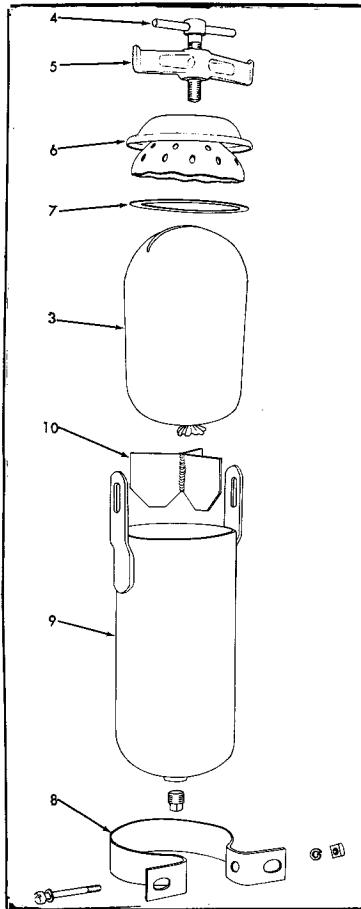
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5230050	1	BODY ASSEMBLY (Consists of 1 BODY, 1 front COVER, 1 rear COVER and items 4 and 5. Separate parts are not serviced because of doweled fit)	
2	054305	1	CAPSCREW, 1/4"NC x 2"	
3	054304	2	CAPSCREW, 1/4"NC x 1-1/4"	
	904204	3	LOCKWASHER, 1/4"	
4	5230029	2	PIN, dowel (standard size)	
	5230054	2	PIN, dowel (.005" oversize)	
5	5230007	2	SEAL, oil	
6	5230018	2	GASKET, body	058034
7	5178850	1	ROTOR ASSEMBLY (Includes item 8)	
8	5192649	1	SLEEVE, rotor shaft (Provides renewable seal surface for worn rotor shafts. Requires grinding rotor shaft to .415" diameter)	
9	5230020	2	VANE, rotor	
10	5230021	1	SPRING, rotor vane	
11	5230022	1	GUIDE, rotor vane spring	
12	5230010	1	VALVE ASSEMBLY, relief (1 VALVE and 1 SEAT)	
13	5230016	1	SPRING, relief valve (small)	
14	5230015	1	CAGE, relief valve	
15	5230014	1	SPRING, relief valve retaining (large)	
16	5230013	1	SCREW, relief valve retaining	
17	5226029	1	GASKET, relief valve retaining screw	058034



F U E L P U M P 5175667

USAGE: See page 41 for listing of complete Pump Assembly.

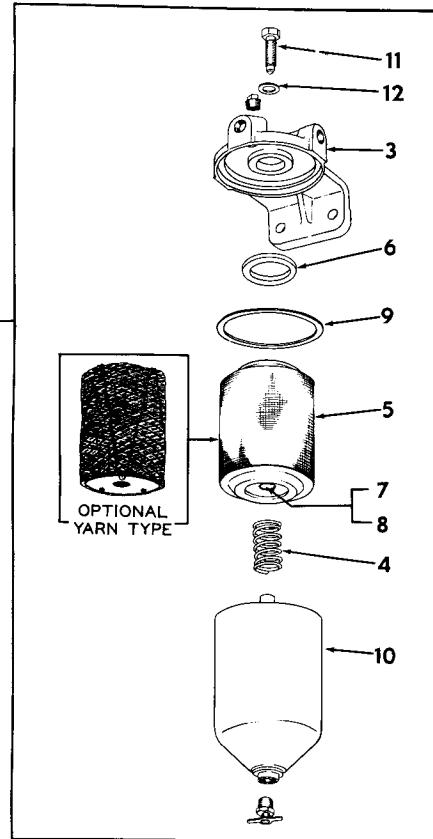
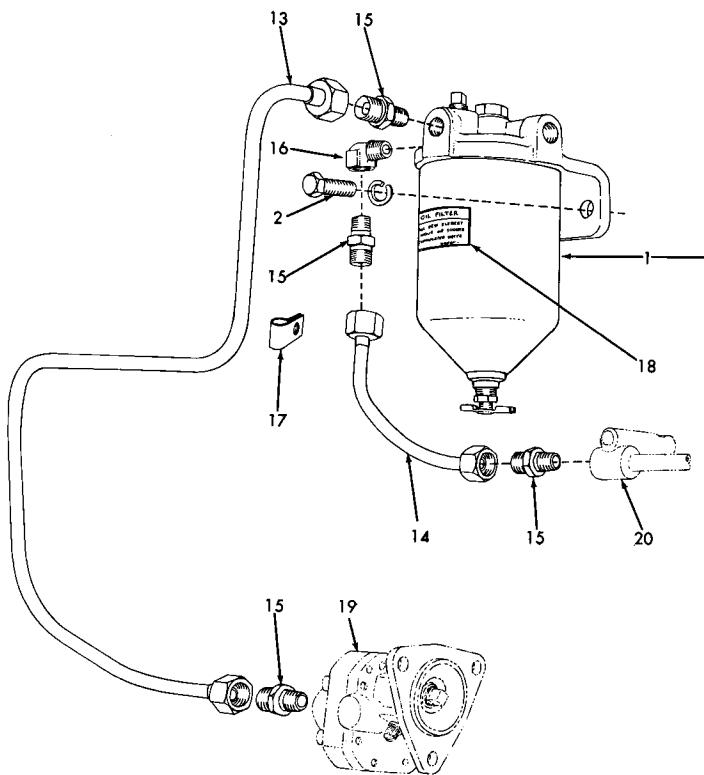
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	STATOR (Not serviced. Order complete PUMP ASSEMBLY)	
2	-----	1	HOUSING (Not serviced. Order complete PUMP ASSEMBLY)	
3	914590	2	PLUG, expansion, 11/16" diam.	
3	5192813	8	BOLT ASSEMBLY (Includes LOCKWASHER)	
4	2225347	2	PIN, dowel, stator to housing (3/16" x 1")	
5	5192505	2	SEAL, pump shaft	
6	5192504	1	SHAFT, driving gear	
7	5192506	1	GEAR, driving	
8	5192786	1	PIN, shear (1/8" x 13/16")	
9	5192508	1	GEAR, driven	
10	2225351	1	PLUNGER, pressure relief	
11	5192509	1	SPRING, pressure relief plunger	
12	2225353	1	PIN, guiding, pressure relief spring (5/32" x 1")	
13	2225354	1	PLUG, pressure relief spring	
14	2225355	1	GASKET, pressure relief spring plug	



INTERMEDIATE STAGE FUEL FILTER

USAGE: Special Equipment. Used on early machines only.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041945	1	FILTER ASSEMBLY, intermediate stage (Consists of items 3 thru 10)	
2	036032	4	CAPSCREW, 3/8"NF x 3/4"	
	904206	4	LOCKWASHER, 3/8"	
	911041	4	NUT, 3/8"NF	
3	208540	1	ELEMENT KIT, fuel filter (Includes item 7)	
4	041965	1	SCREW, filter cover hold-down	
5	041966	1	CLAMP, filter cover hold-down	
6	041972	1	COVER, fuel filter	
7	-----	1	GASKET, fuel filter cover (Serviced only as part of item 3)	
8	-----	2	BAND, filter mounting (Not available)	
	900886	2	BOLT, stove, 5/16"NC x 2-1/2" (Includes square NUT)	
	904205	4	LOCKWASHER, 5/16"	
9	-----	1	SHELL, fuel filter (Not available)	
	901653	1	PLUG, pipe, 3/8"NPT	
10	041975	1	SUPPORT, filter element	
11	060790	2	HOSE, fuel (16" long)	
12	040744	4	CONNECTOR, fuel filter hose (1/4"NPT and 5/8"-24EF male ends)	
13	-----	1	PUMP, fuel (See FUEL PUMP AND DRIVE)	
14	-----	1	FILTER, fuel (See SECOND STAGE FUEL FILTER)	



SECOND STAGE FUEL FILTER

USAGE: Tractors prior to serial No. 17477.

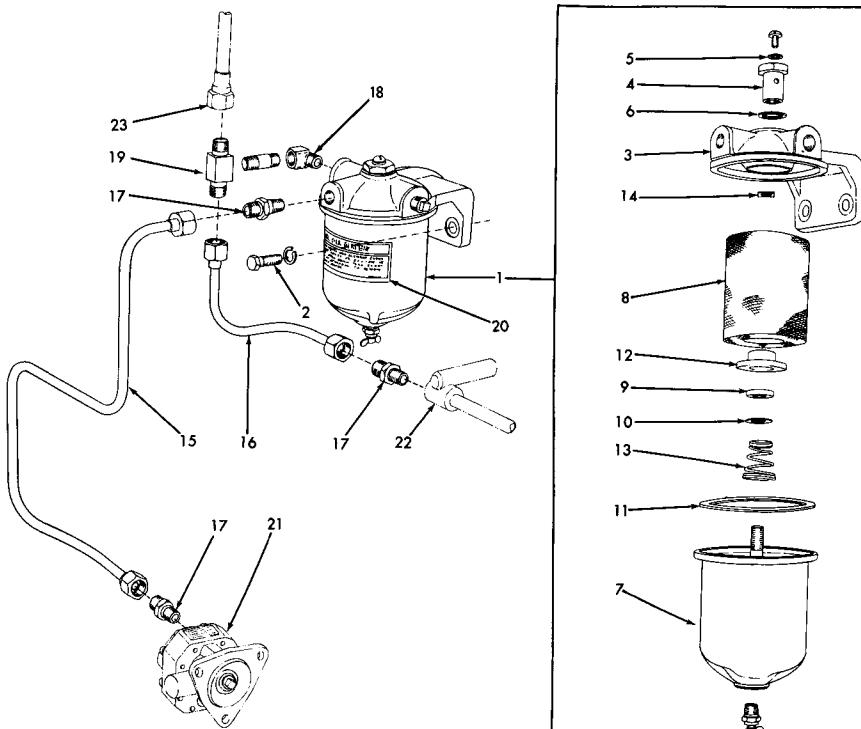
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	FILTER ASSEMBLY, fuel (Consists of items 3 thru 12)(Not available. Order 1 FILTER ASSEMBLY 065590, 1 TUBE ASSEMBLY 065614, 1 TEE 042963 and 1 NIPPLE 904708)	
2	035439 904206	2	CAPSCREW, 3/8"NC x 1" LOCKWASHER, 3/8"	
3	040932 901652	1	HEAD, fuel filter PLUG, pipe, 1/4"NPT	
4	040891	1	SPRING, element retaining	
5	{ 078242 078241	1	ELEMENT KIT (Composition type. Original equipment)(Includes items 6 thru 9) ELEMENT KIT (Yarn type. Optional replacement)(Includes item 9)	
6	-----	1	GASKET, filter element, upper (Not serviced. Order item 5)	
7	-----	1	GASKET, filter element, lower (Not serviced. Order item 5)	
8	-----	1	WASHER, filter element (Not serviced. Order item 5)	
9	040931	1	GASKET, filter shell	
10	040929 915433	1	SHELL, filter COCK, drain, T-handle, 1/4"NPT	
11	040897	1	SCREW, retaining	
12	040896	1	GASKET, retaining screw	
13	041846	1	TUBE ASSEMBLY, fuel pump to filter (Includes NUTS)	
14	041160	1	TUBE ASSEMBLY, filter to fuel manifold (Includes NUTS)	
15	040744	4	CONNECTOR, fuel tubes (1/4"NPT and 5/8"-24EF male ends)	
16	078926	1	ELBOW, fuel filter (90°, 1/4"NPT male and female)	
17	040796	1	CLIP, fuel tube (closed type, 3/8" diam., 13/32" bolt-hole)(Used on early units only)	

(Continued)

SECOND STAGE FUEL FILTER (Continued)

USAGE: Tractors prior to serial No. 17477.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
18	-----	1	TRANSFER, instruction (See PAINTING AND MARKING)	
19	-----	1	PUMP, fuel (See FUEL PUMP AND DRIVE)	
20	-----	1	MANIFOLD, fuel (See FUEL MANIFOLDS)	



SECOND STAGE FUEL FILTER

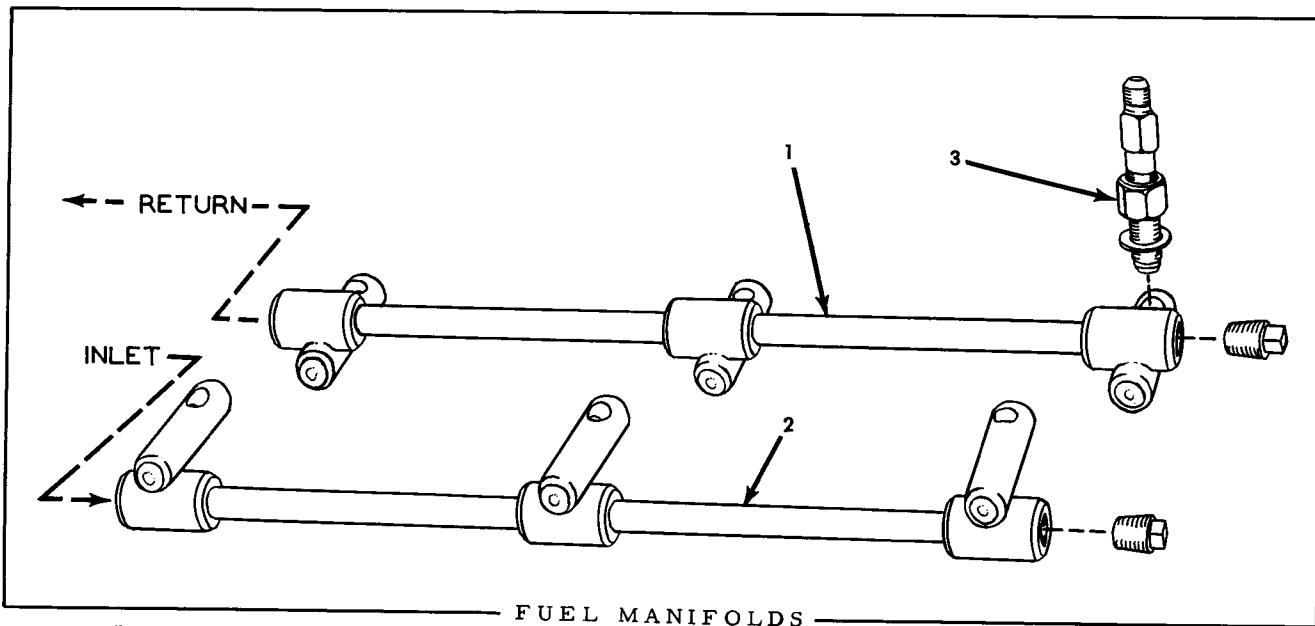
USAGE: Tractors serial No. 17477 and up

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	065590	1	FILTER ASSEMBLY, fuel (Consists of items 3 thru 14)	
2	035439	2	CAPSCREW, 3/8"NC x 1"	
	904206	2	LOCKWASHER, 3/8"	
3	065586	1	HEAD, fuel filter	
	907859	1	PLUG, pipe, hex-socket-hd., 1/4"NPT	
4	065578	1	NUT, shell retaining	
	915432	1	SCREW, machine, rd-hd., 1/4"NC x 5/16"	
5	065577	1	GASKET, bleeding screw	
6	065579	1	GASKET, shell retaining nut	
7	065582	1	SHELL, filter	
	915433	1	COCK, drain, T-handle, 1/4"NPT	
8	065583	1	ELEMENT KIT (Includes items 9 thru 11)	
9	-----	1	GASKET, element seating plate (Not serviced. Order item 8)	
10	-----	1	WASHER, seating plate gasket (Not serviced. Order item 8)	
11	043130	1	GASKET, shell	
12	065584	1	PLATE, element seating	
13	065585	1	SPRING, element	

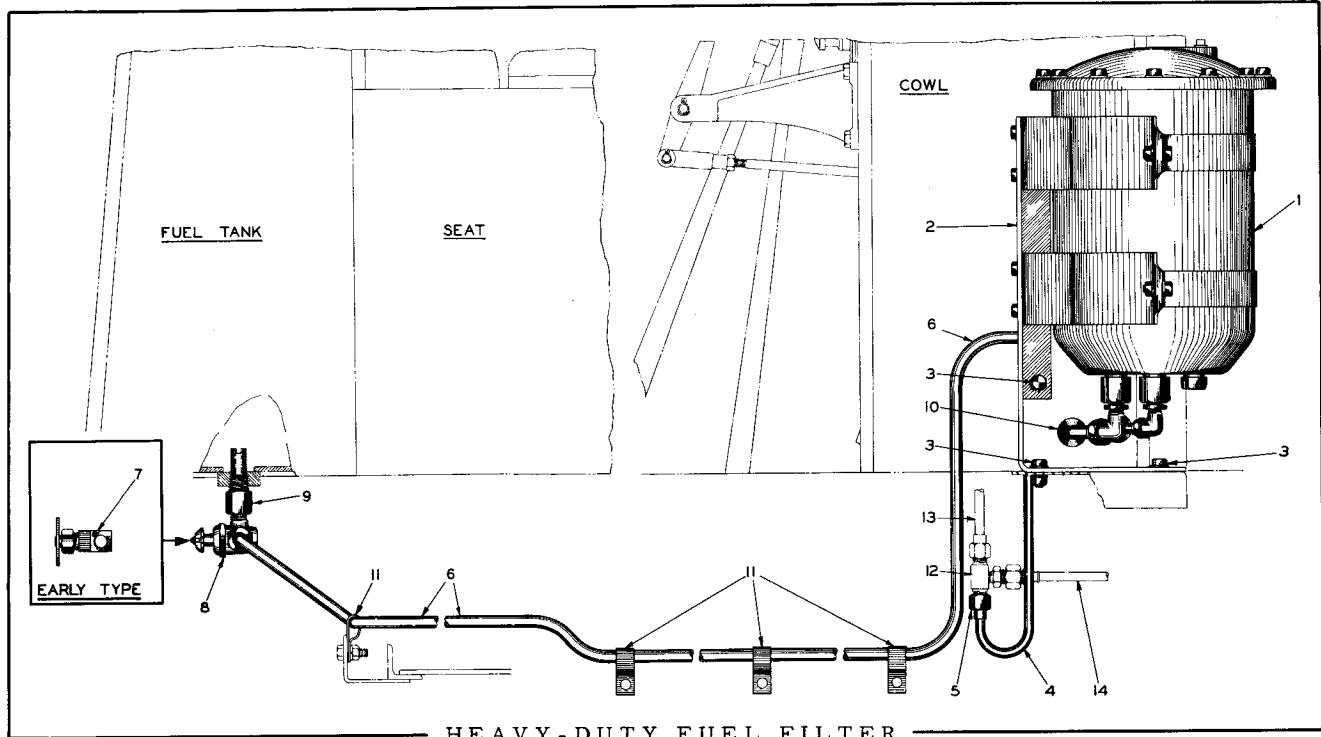
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SECOND STAGE FUEL FILTER (Continued)

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
14	067481	1	GUIDE, element centering	
15	041846	1	TUBE ASSEMBLY, fuel pump to filter (Includes NUTS)	
16	065614	1	TUBE ASSEMBLY, filter to fuel manifold (Includes NUTS)	
17	040744	3	CONNECTOR, fuel tubes (1/4"NPT and 5/8"-24EF male ends)	
18	078926	1	ELBOW, fuel filter (90°, 1/4"NPT male and female)	
19	042963	1	TEE, fuel tube (1/4"NPT female side and 5/8"-24EF male ends)	
	904708	1	NIPPLE, pipe, 1/4"NPT x 1-1/4"	
20	-----	1	TRANSFER, instruction (See PAINTING AND MARKING)	
21	-----	1	PUMP, fuel (See FUEL PUMP AND DRIVE)	
22	-----	1	MANIFOLD, fuel (See FUEL MANIFOLDS)	
23	-----	1	HOSE, fuel pressure gauge (See INSTRUMENTS)	



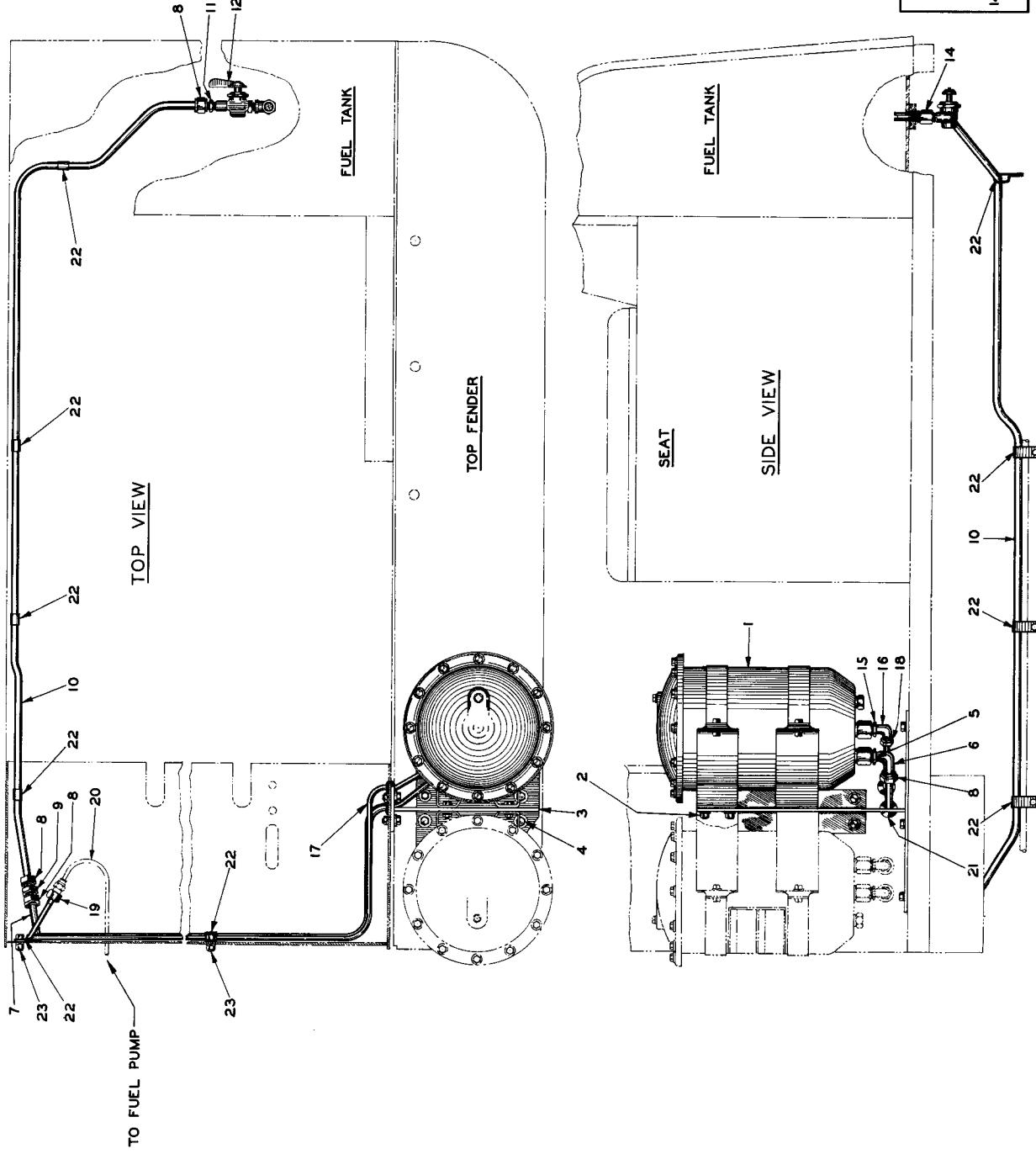
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5150558 901652	1	MANIFOLD, fuel, upper PLUG, pipe, 1/4"NPT	
2	5150557 901652	1	MANIFOLD, fuel, lower PLUG, pipe, 1/4"NPT	
3	-----	8	CONNECTOR ASSEMBLY (See INJECTOR)	



USAGE: Special Equipment. Mounts at rear of Cowl on right side.
Replaces standard first stage fuel filter. Also see page 51.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	061814 910167 904205 913636	1 8 8 8	FILTER ASSEMBLY, fuel (See page 52 for repair parts) CAPSCREW, 5/16"NF x 3/4" LOCKWASHER, 5/16" NUT, 5/16"NF	
2	064560	1	BRACKET, filter mounting	
3	035167 911115 904206 911041	6 6 6 6	CAPSCREW, 3/8"NF x 7/8" WASHER, plain, SAE std., 3/8" LOCKWASHER, 3/8" NUT, 3/8"NF	
4	064563 901839 915369 915366 915367	1 1 1 1 1	TUBE, filter to tee BUSHING, pipe reducing, 1/2"NPT to 1/4"NPT ELBOW, Sealastic, 90°, 3/8" tube, 1/4"NPT male NUT, Sealastic fitting, 3/8" tube RING ASSEMBLY, Sealastic, 3/8" tube (Includes FERRULE)	
5	040745	1	NUT, fitting (5/8"EF thread)	
6	064822 904271 915380 915378 915376 915377	1 1 1 2 2	TUBE, fuel tank to filter (On early units also furnish item 8 to assure fit. For field replacement it is recommended that copper tubing be used instead due to difficulty of suitably packaging this formed steel tube for shipment. See item 15) BUSHING, pipe reducing, 1/2"NPT to 3/8"NPT ELBOW, Sealastic, 90°, 1/2" tube, 3/8"NPT male CONNECTOR, Sealastic, 1/2" tube, 3/8"NPT male NUT, Sealastic fitting, 1/2" tube RING ASSEMBLY, Sealastic, 1/2" tube (Includes FERRULE)	
7	-----	1	VALVE, fuel shut-off (3/8" male and female ends)(Used on early units only. Order COCK 064322 and TUBE 064822)	
8	064322	1	COCK, fuel shut-off (3/8"NPT male and female ends)(Not used on early units)	
9	061812 901723	1 1	BUSHING, fuel tank ELBOW, street, 90°, 3/8"NPT	
10	040758	2	GROMMET, tube protecting (rubber)	
11	055233	4	CLIP, tube supporting (closed type, for one 3/8" diam. tube and one 1/2" diam. tube, 13/32" bolt-hole)	

(Continued)



HEAVY-DUTY FUEL FILTER (Used w/GAR WOOD)

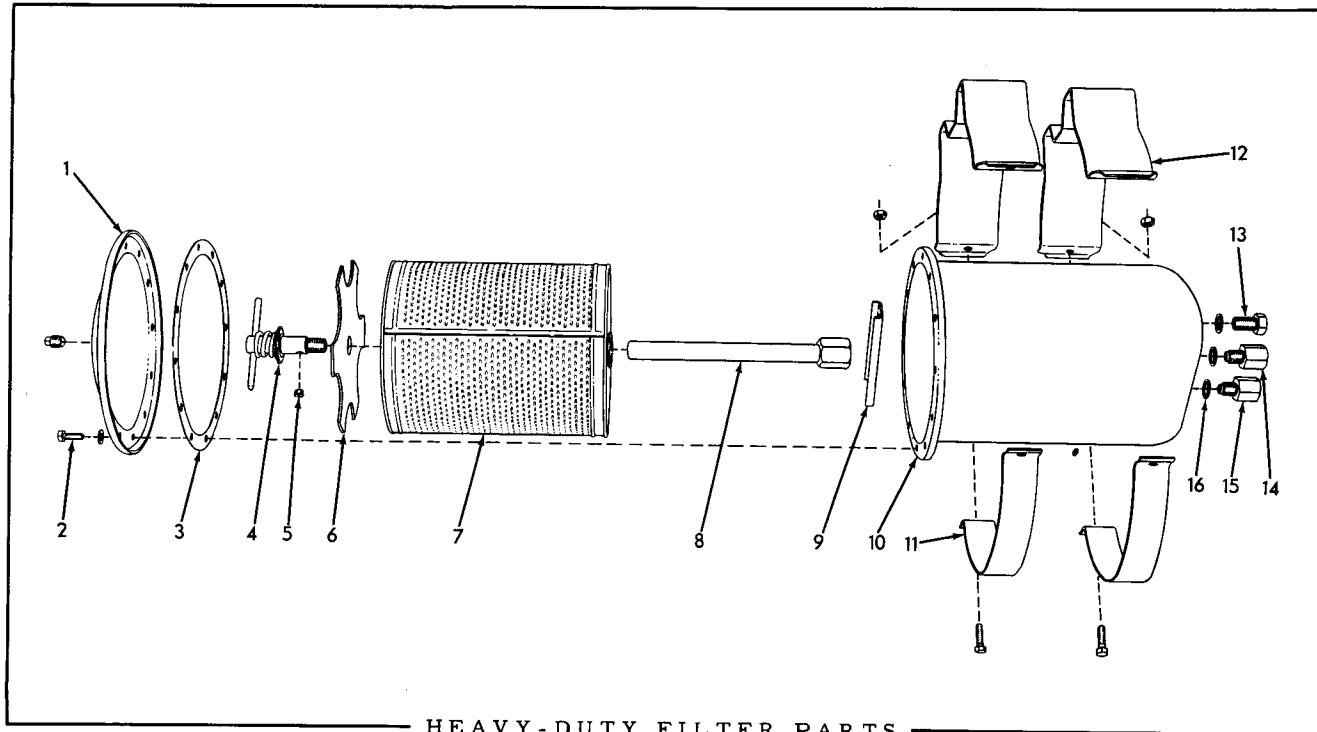
HEAVY-DUTY FUEL FILTER (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
12	-----	1	TEE, fuel tube connection	
13	-----	1	TUBE, air heater pump	
14	-----	1	HOSE, fuel pump	
15	{ 065053 065021	-	TUBING, copper, 3/8"O.D., 35 ft. roll TUBING, copper, 1/2"O.D., 18 ft. roll	For field replacement of steel tubes.

HEAVY-DUTY FUEL FILTER

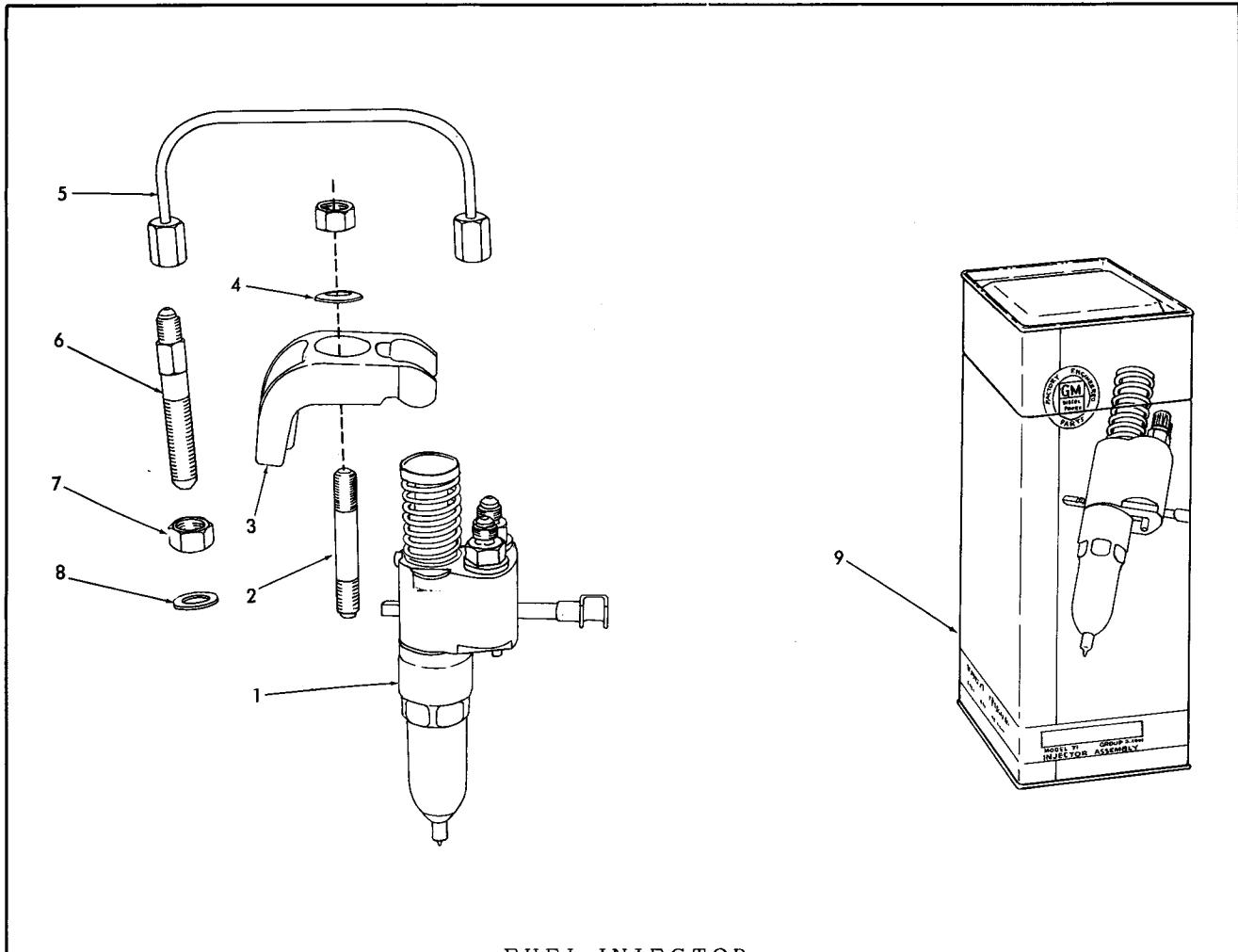
USAGE: Special Equipment. For use on tractors equipped with Gar Wood Dozer or Trailbuilder. Mounts outside of cowl at left side. Replaces standard first stage fuel filter. Also see page 49.

1	061814	1	FILTER ASSEMBLY, fuel (See page 52 for repair parts)	
2	910505	8	CAPSCREW, 5/16"NF x 1"	
	904205	8	LOCKWASHER, 5/16"	
	913636	8	NUT, 5/16"NF	
3	065798	1	BRACKET, filter mounting (Also carries FUEL FILTER)	
4	035167	13	CAPSCREW, 3/8"NF x 7/8"	
	911115	13	WASHER, plain, SAE std., 3/8"	
	904206	13	LOCKWASHER, 3/8"	
	911041	13	NUT, 3/8"NF	
5	904271	1	BUSHING, pipe reducing, 1/2"NPT to 3/8"NPT	
6	915380	1	ELBOW, Sealastic, 90°, 1/2" tube, 3/8"NPT male	
7	066927	1	TUBE, tank to filter, front section	
8	{ 915376 915377	4	NUT, Sealastic fitting, 1/2" tube RING ASSEMBLY, Sealastic fitting, 1/2" tube (Includes FERRULE)	
9	915379	1	UNION, Sealastic, 1/2" tube	
10	066924	1	TUBE, tank to filter, rear section (For field replacement it is recommended that copper tubing be used instead due to difficulty of suitably packaging this formed steel tube for shipment. See item 24)	
11	915378	1	CONNECTOR, Sealastic, 1/2" tube, 3/8"NPT male	
12	064322	1	COCK, fuel shut-off (3/8"NPT male and female)	
13	901723	1	ELBOW, street, 90°, 3/8"NPT	
14	061812	1	BUSHING, fuel tank	
15	901839	1	BUSHING, pipe reducing, 1/2"NPT to 1/4"NPT	
16	915369	1	ELBOW, Sealastic, 90°, 3/8" tube, 1/4"NPT male	
17	066928	1	TUBE ASSEMBLY, filter to pump, upper section	
18	{ 915366 915367	1	NUT, Sealastic fitting, 3/8" tube RING ASSEMBLY, Sealastic fitting, 3/8" tube (Includes FERRULE)	
19	040745	1	NUT, fuel tube (5/8"EF)	
20	-----	1	TUBE ASSEMBLY, tank to pump, front section (See FUEL TANK AND LINES)	
21	040758	2	GROMMET, tube protecting (rubber)	
22	055233	6	CLIP, fuel tube supporting (closed type, for one 1/2" diam. tube and one 3/8" diam. tube, 13/32" bolt-hole)	
23	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
24	{ 065053 065021	-	TUBING, copper, 3/8"O.D., 35 ft. roll TUBING, copper, 1/2"O.D., 18 ft. roll	For field replacement of steel tubes.



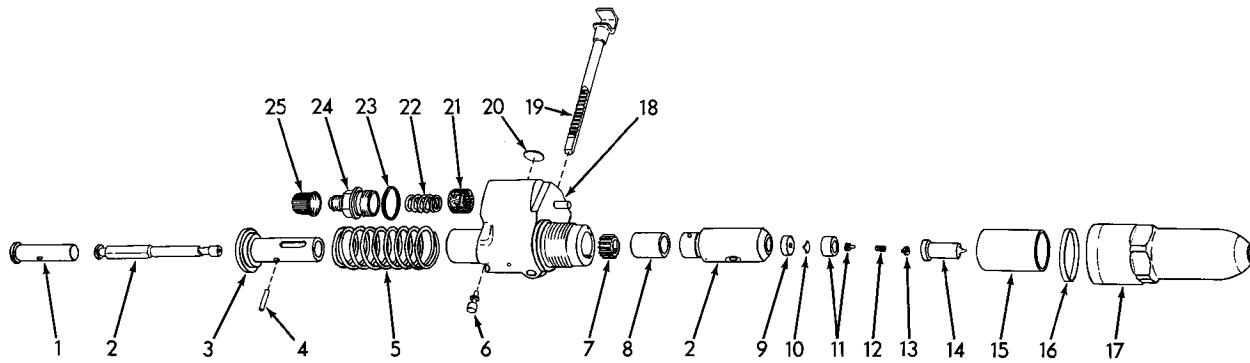
HEAVY - DUTY FILTER PARTS

ITEM	PART NUMBER	QUANTITY			DESCRIPTION	KIT NUMBER
		061814	061817	061817		
1	-----	1	1	1	COVER, housing (Not serviced)	
	901652	1	1	1	PLUG, pipe, 1/4"NPT	
2	045312	12	12	12	CAPSCREW, 5/16"NC x 3/4"	
	910335	12	12	12	WASHER, plain, SAE std., 5/16"	
3	063896	1	1	1	GASKET, housing cover	
4	063892	1	1	1	TAKE-UP ASSEMBLY, element (Serviced only as a unit)	
5	063893	-	1	1	PLUG, orifice	
6	063897	1	1	1	PLATE, element centering	
7	062101	1	1	1	ELEMENT KIT, filtering (Includes item 3)	
8	076668	1	1	1	TUBE ASSEMBLY, outlet (Includes NUT)	
9	063888	1	1	1	PLATE, reinforcing, housing bottom	
10	-----	1	1	1	HOUSING ASSEMBLY (Includes bolt RING)(Not serviced)	
11	063899	2	2	2	BAND, mounting bracket	
	903771	4	4	4	CAPSCREW, 5/16"NC x 7/8"	
	906652	4	4	4	NUT, jam, 5/16"NC	
12	063898	2	2	2	BRACKET, mounting	
13	070590	1	1	1	CAPSCREW, 5/8"NF x 1-1/8" (drain plug)	
14	{ 063889	1	-	1	BOLT, hollow	
	{ 080758	-	1	1	VALVE ASSEMBLY, outlet check (Includes 1 SPRING, 1 RING and 1 CUP. Serviced only as a unit)	
15	{ 063889	1	-	1	BOLT, hollow	
	{ 063890	-	1	1	VALVE ASSEMBLY, inlet check (Includes 1 SPRING, 1 RING and 1 CUP. Serviced only as a unit)	
16	063891	3	3	3	GASKET	



F U E L I N J E C T O R

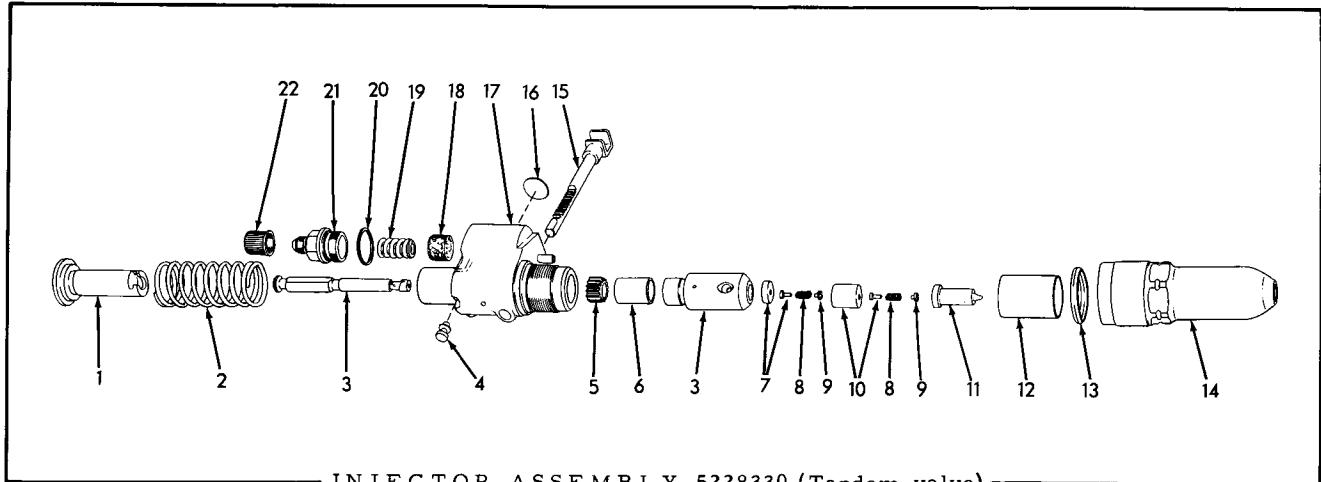
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5226710	3	INJECTOR ASSEMBLY (Low-valve type. Original equipment. See page 54 for repair parts)	
	5228330	3	INJECTOR ASSEMBLY (Tandem-valve type. Furnished for service replacement only. See page 55 for repair parts)	
	5228310	3	INJECTOR ASSEMBLY (High-valve type. Furnished for service replacement only. See page 56 for repair parts)	
2	5150251 911041	3	STUD, injector clamp (3/8"NC x 3/8"NF x 2-1/2") NUT, 3/8"NF	
3	5150249	3	CLAMP, injector	
4	5150250	3	WASHER, injector clamp stud	
5	5151121	6	PIPE ASSEMBLY, fuel (Includes NUTS)	
6	5150566 915633	6	CONNECTOR ASSEMBLY, fuel pipe (Includes NUT 915633) NUT, elastic stop, 7/16"NF	
8	5150568	6	WASHER, fuel pipe connector	
9	5193171	-	CONTAINER (For shipping and storing injector)	



INJECTOR ASSEMBLY 5226710 (Low-valve)

USAGE: See page 53 for listing of complete Injector Assembly.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5226394	3	FOLLOWER, plunger	
2	5226560	3	PLUNGER ASSEMBLY (Consists of 1 PLUNGER, 1 BUSHING and 1 PIN. Serviced only as a unit)	
3	5226723	3	GUIDE, plunger follower	
4	5226397	3	PIN, plunger follower guide	
5	5226396	3	SPRING, plunger follower	
6	5226717	3	PIN, plunger stop	
7	5226400	3	GEAR, plunger	
8	5226567	3	RETAINER, plunger gear	
9	5226570	3	SPACER, check valve	
10	5226411	3	VALVE, check	
11	5227323	3	VALVE ASSEMBLY, fuel spray tip (1 VALVE and 1 SEAT. Serviced only as a unit)(When required for engines prior to #371-4929 order TIP KIT 5227324)	5227324
12	{ 5226409	3	SPRING, spray tip valve (15/32" long)(Used on engines prior to #371-4929)	
	5227210	3	SPRING, spray tip valve (17/64" long)(Engines #371-4929 and up) . . .	5227324
13	{ 5227287	3	STOP, spray tip valve (Engines prior to #371-4929)	
	5227318	3	STOP, spray tip valve (Engines #371-4929 and up)	5227324
14	5227321	3	TIP, fuel spray (When required for engines prior to #371-4929 order TIP KIT 5227324)	5227324
15	5226565	3	DEFLECTOR, fuel spill	
16	5226564	3	RING, nut sealing	5193221
17	5226563	3	NUT	
18	5227931	3	BODY ASSEMBLY (Consists of 1 BODY and 1 PIN. Serviced only as a unit)	
19	5226719	3	RACK, control	
20	5227276	3	TAG, identification (60mm., blue)	
21	5228013	6	ELEMENT, fuel filtering	5193221
22	5226415	6	SPRING, retaining, fuel filtering element	
23	5226186	6	GASKET, fuel filtering element cap	5193221
24	5226413	6	CAP, fuel filtering element	
25	5226414	6	CAP, shipping (Remove when installing INJECTOR)	5193221

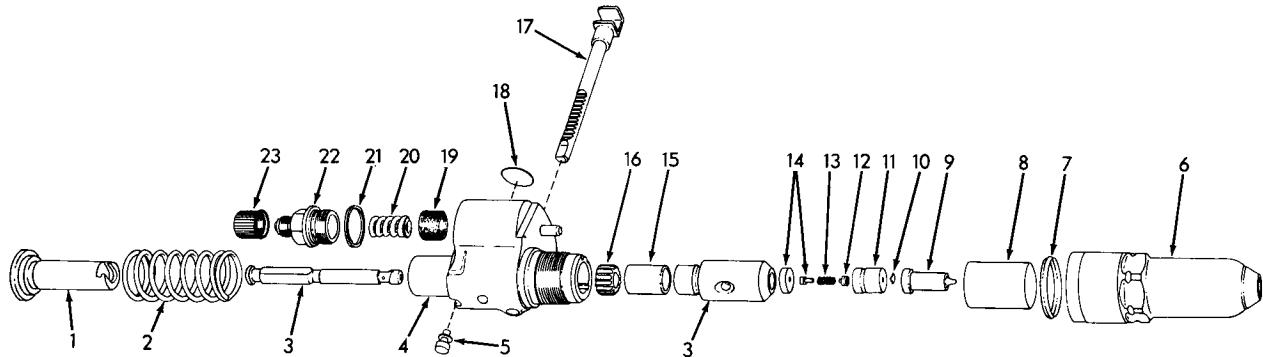


INJECTOR ASSEMBLY 5228330 (Tandem-valve)

USAGE: See page 53 for listing of complete Injector Assembly.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5228104	1	FOLLOWER, plunger	
2	5226396	1	SPRING, follower	
3	5228306	1	PLUNGER ASSEMBLY (Each consists of 1 PLUNGER, 1 BUSHING and 1 PIN. Serviced only as a unit)	
4	5226717	1	PIN, follower stop	
5	5226400	1	GEAR, plunger	
6	5226567	1	RETAINER, plunger gear	
7	5228107	1	VALVE ASSEMBLY, upper (1 VALVE and 1 SEAT. Serviced only as a unit)	5228183
8	5227210	2	SPRING, valve	5228183
9	5227318	2	STOP, valve	5228183
10	5228108	1	VALVE ASSEMBLY, lower (1 VALVE and 1 SEAT. Serviced only as a unit)	5228183
11	5227321	1	TIP, spray	5228183
12	5228109	1	DEFLECTOR, fuel spill	
13	5226564	1	RING, nut sealing	5193221
14	5228102	1	NUT, retaining	
15	5226719	1	RACK, control	
16	5228329	1	TAG, identification (TV6)	
17	5227931	1	BODY ASSEMBLY (Includes 1 PIN. Serviced only as a unit)	
18	5228013	2	ELEMENT, fuel filtering	5193221
19	5226415	2	SPRING, retaining, fuel filtering element	
20	5226186	2	GASKET, fuel filtering element cap	5193221
21	5226413	2	CAP, fuel filtering element	
22	5226414	2	CAP, shipping (Remove when installing injector)	5193221

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

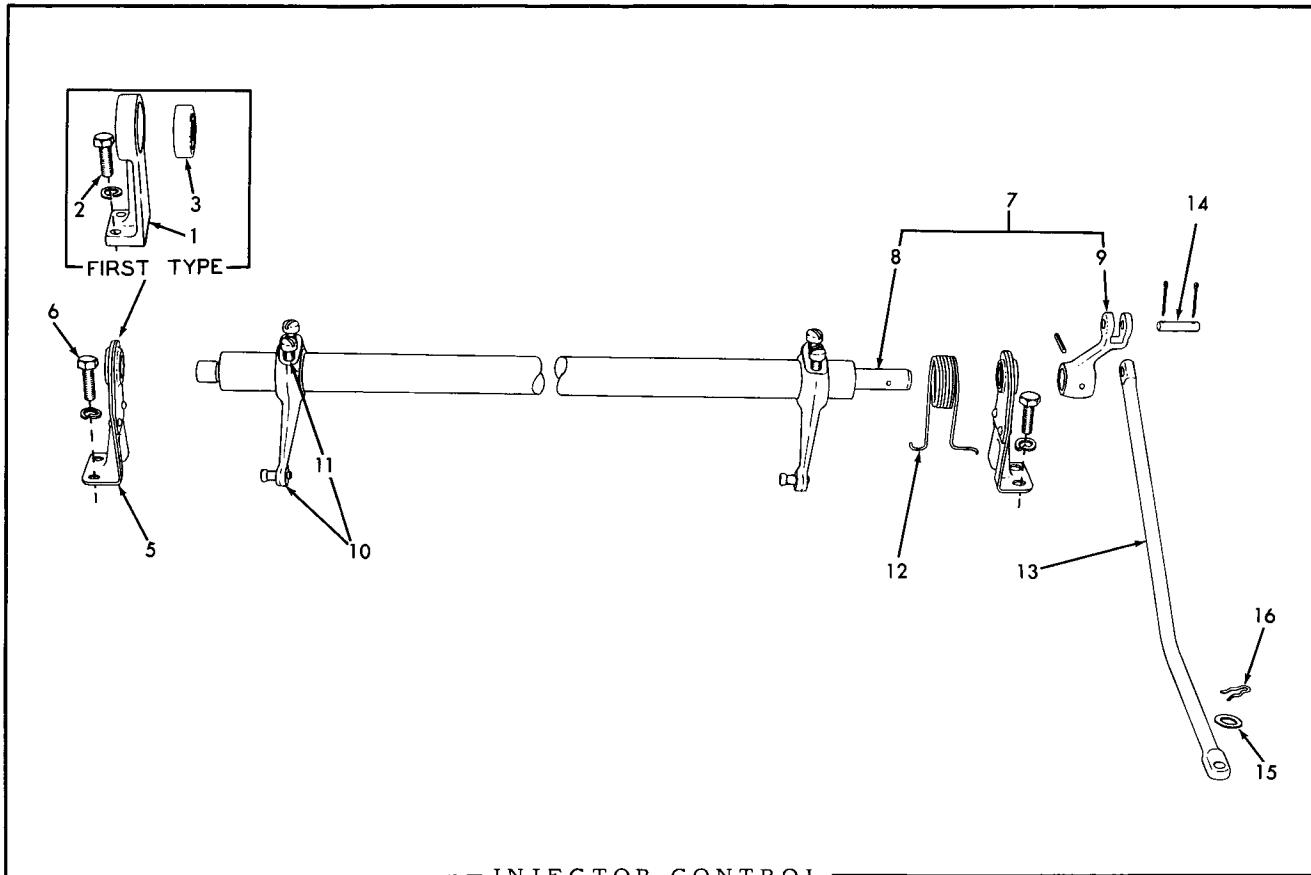


INJECTOR ASSEMBLY 5228310 (High-valve)

USAGE: See page 53 for listing of complete Injector Assembly.

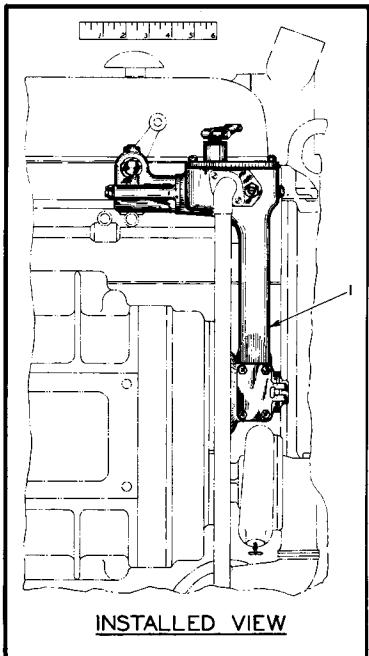
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5228104	1	FOLLOWER, plunger	
2	5228292	1	SPRING, follower	
3	5228306	1	PLUNGER ASSEMBLY (Each consists of 1 PLUNGER, 1 BUSHING and 1 PIN. Serviced only as a unit)	
4	5227931	1	BODY ASSEMBLY (Includes 1 PIN. Serviced only as a unit)	
5	5226717	1	PIN, follower stop	
6	5228102	1	NUT, retaining	
7	5226564	1	RING, nut sealing	5193221
8	5228109	1	DEFLECTOR, fuel spill	
9	5228296	1	TIP, spray	5228301
10	5226411	1	VALVE, check	
11	5228294	1	CAGE, valve	
12	5227318	1	STOP, valve	5228301
13	5227210	1	SPRING, valve	5228301
14	5228316	1	VALVE ASSEMBLY (1 VALVE and 1 SEAT. Serviced only as a unit)	5228301
15	5226567	1	RETAINER, plunger gear	
16	5226400	1	GEAR, plunger	
17	5226719	1	RACK, control	
18	5228298	1	TAG, identification (HV6)	
19	5228013	2	ELEMENT, fuel filtering	5193221
20	5226415	2	SPRING, retaining, fuel filtering element	
21	5226186	2	GASKET, fuel filtering element cap	5193221
22	5226413	2	CAP, fuel filtering element	
23	5226414	2	CAP, shipping (Remove when installing injector)	5193221

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

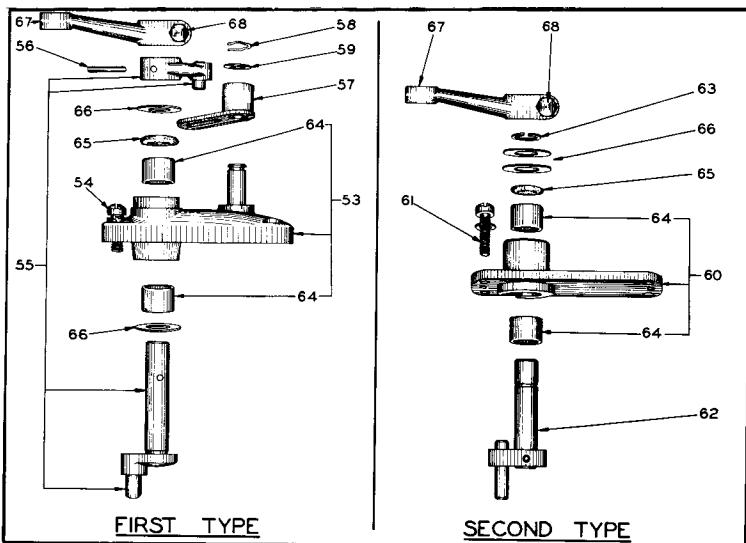


INJECTOR CONTROL

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
NOTE: Items 1 thru 3 were used on engines prior to #371-11603 only.				
1	5154356	2	BRACKET ASSEMBLY, control tube (Includes item 3)	
2	034964	4	CAPSCREW, 1/4"NC x 3/4"	
	904204	4	LOCKWASHER, 1/4"	
3	042987	2	BEARING, ball, control tube bracket	
5	5161677	2	BRACKET ASSEMBLY, control tube (Riveted type. Includes plain BEARING. Serviced only as a unit)(Used on engines #371-11603 and up)	
6	047478	4	CAPSCREW, 1/4"NC x 5/8"	
	904204	4	LOCKWASHER, 1/4"	
7	5190542	1	TUBE ASSEMBLY, injector control (Consists of items 8 and 9)	
8	-----	1	TUBE, injector control (Not serviced. Order item 7)	
9	5150263	1	LEVER, injector control	
	910274	1	PIN, groove, 1/8" x 3/4"	
10	5150260	3	LEVER ASSEMBLY, injector control (Includes item 11)	
11	5153618	6	CAPSCREW, fil-hd., 1/4"NF x 3/4"	
12	5150994	1	SPRING, injector control tube	
13	5150990	1	LINK, governor to injector control lever	
14	5150265	1	PIN, control link	
	900970	2	PIN, cotter, 1/16" x 1/2"	
15	5150941	1	WASHER, control link retaining	
16	040403	1	CLIP, control link retaining	

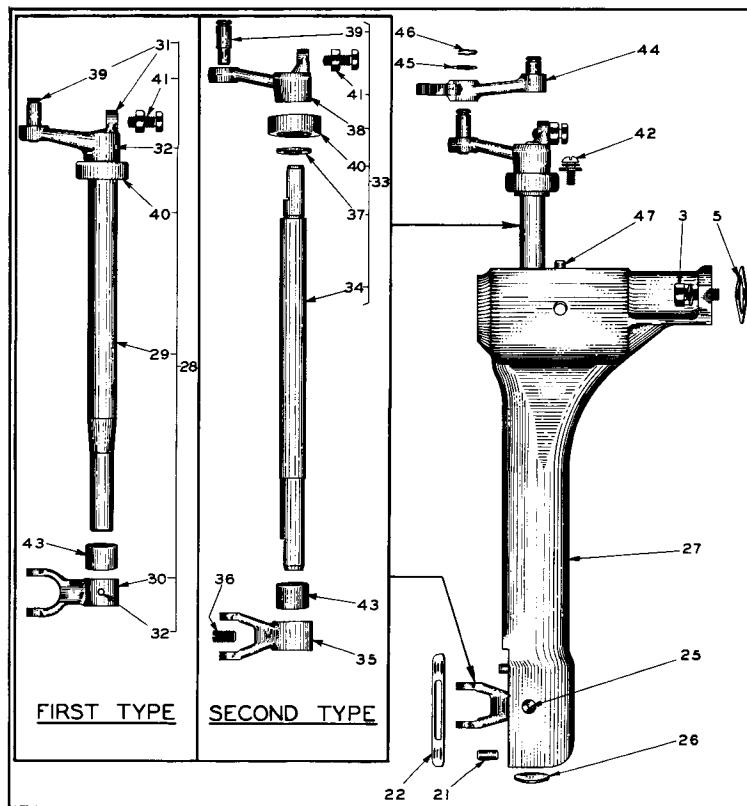
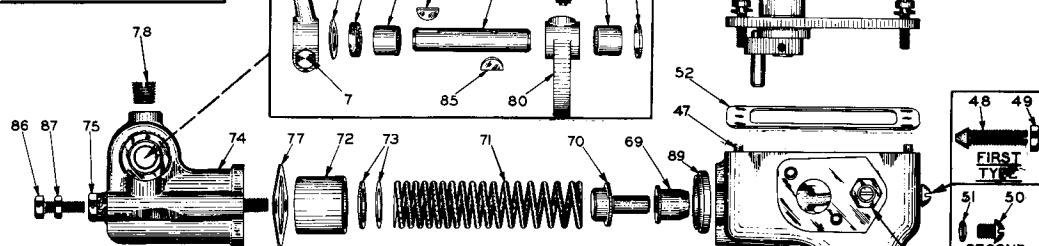


INSTALLED VIEW



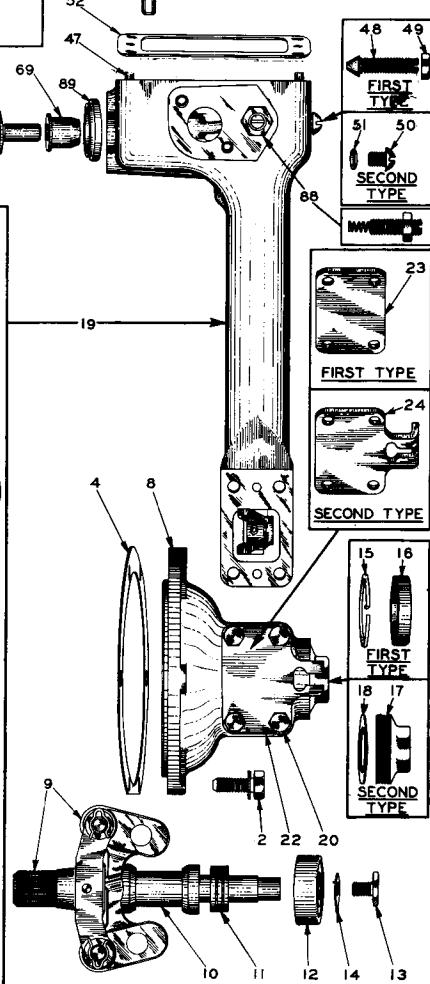
FIRST TYPE

SECOND TYPE



FIRST TYPE

SECOND TYPE



24
1101 STAMP PLATES 111

100

15 16

1

FIRST

18 17

10

SECOND
TYPE

10

10

11 12

• GOVERNOR

GOVERNOR

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5174438	1	GOVERNOR ASSEMBLY (Consists of items 8 thru 89)	
2	5171159	6	BOLT ASSEMBLY (Includes copper WASHER)	
3	034964	2	CAPSCREW, 1/4"NC x 3/4"	
	904204	2	LOCKWASHER, 1/4"	
4	5150246	1	GASKET, governor to blower	058034 074688
5	5150269	1	GASKET, governor to cylinder head	058034, 35, 36 074688 5193116
6	5151519	1	LEVER, variable speed control	
7	905657	1	CAPSCREW, 1/4"NC x 1"	
	904204	1	LOCKWASHER, 1/4"	
8	5183284	1	HOUSING, weight (When required for engines prior to #371-8525 also furnish items 17, 18 and 24)	
9	5174447	1	WEIGHT AND CARRIER ASSEMBLY (Includes SHAFT. Serviced only as a unit)(When required for engines prior to #371-29753 also furnish item 89)	
10	5154501	1	RISER	
11	074697	1	BEARING, riser thrust	
12	040391	1	BEARING, ball, weight shaft	
13	5150884	1	SCREW, retaining	
14	5150897	1	LOCKWASHER	
15	5150911	1	RING, retaining, weight shaft bearing (Engines prior to #371-8525)	
16	5150906	1	CAP, weight housing (Engines prior to #371-8525)	
17	5183268	1	CAP, weight housing (Engines #371-8525 and up)	
18	5165221	1	GASKET, weight housing cap (Engines #371-8525 and up)	058034
19	5158904	1	HOUSING ASSEMBLY, control shaft (Consists of items 26, 27 and 33 thru 47)	
20	913299	4	CAPSCREW, 1/4"NC x 2-1/4" (Also attaches weight housing cover)	
	904204	4	LOCKWASHER, 1/4"	
21	5150942	2	PIN, dowel, control housing to weight housing	
22	5150890	2	GASKET, weight housing	058034, 35, 36 074688 5193116
23	5150266	1	COVER, weight housing (Engines prior to #371-8525)	
24	5163514	1	COVER, weight housing (Engines #371-8525 and up)	
25	913041	2	PLUG, expansion, 3/8" diam. (Used prior to March 1947)	
26	910002	1	PLUG, expansion, 3/4" diam.	
27	-----	1	HOUSING, control shaft (Not serviced. Order item 19)	
			NOTE: Items 28 thru 32 were used on engines prior to #371-10296 only. When making first replacement order items 33, 35 and 36.	
28	-----	1	SHAFT ASSEMBLY, control	
29	-----	1	SHAFT, control	
30	-----	1	FORK, control shaft	
31	-----	1	LEVER ASSEMBLY, control shaft	
32	-----	2	PIN, control shaft	

(Continued)

GOVERNOR (Continued)

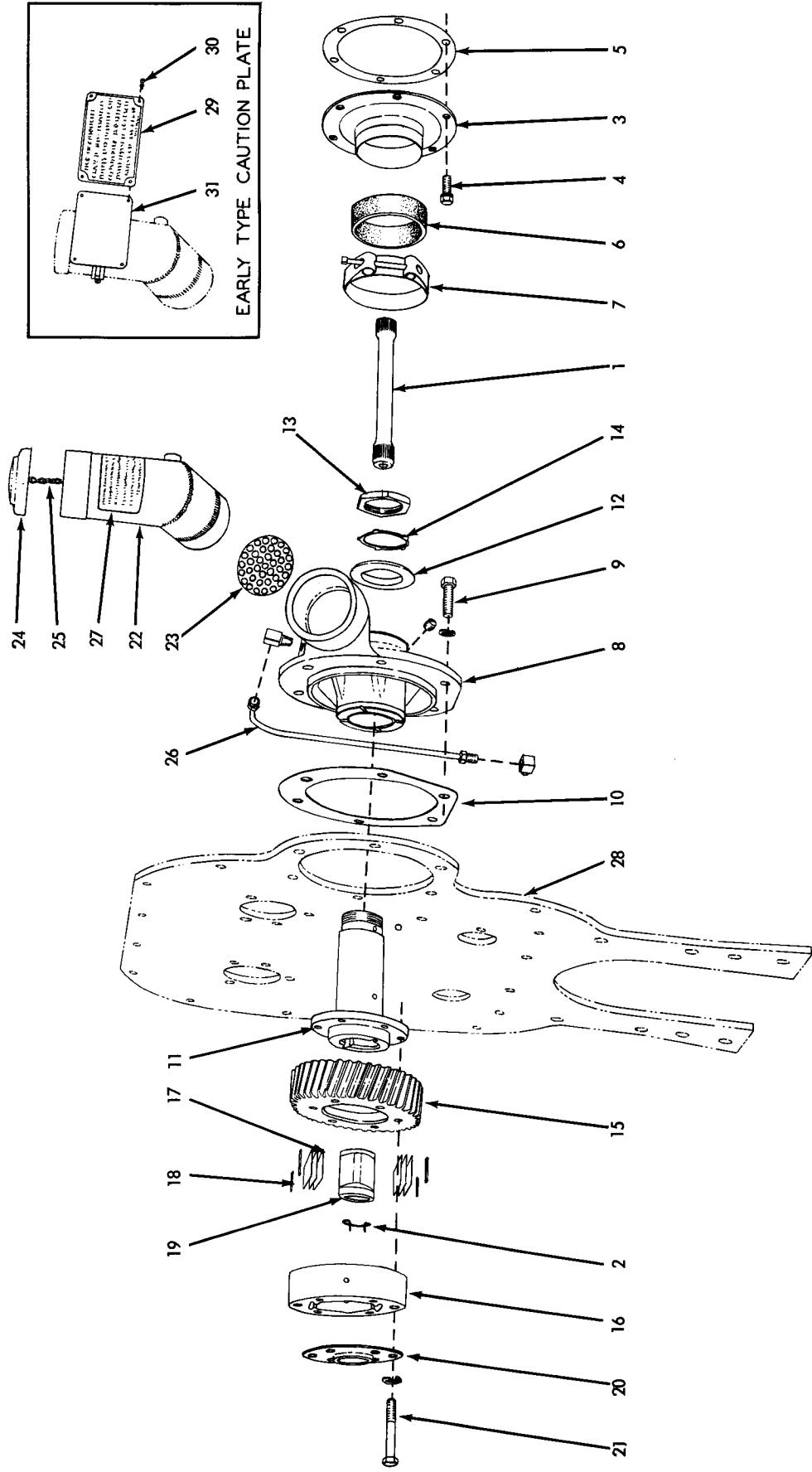
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
NOTE: Items 33 thru 38 were used on engines #371-10296 and up.				
33	5154438	1	SHAFT ASSEMBLY, control (Consists of items 34, and 37 thru 41)	
34	5154435	1	SHAFT, control	
35	5185605	1	FORK, control shaft	
36	913889	1	SETSCREW, socket head, cup-pt., 1/4"NF x 1/2"	
37	5159080	1	WASHER, control shaft	
38	5154422	1	LEVER, control shaft	
39	5150943	1	PIN, control shaft lever	
40	042990	1	BEARING, ball, control shaft, upper	
41	5150898	1	SCREW, adjusting (1/4"NF x 5/8")	
	910267	1	NUT, jam, 1/4"NF	
42	913048	1	SCREW, machine, round head, #10-24NC x 7/16"	
	906957	1	LOCKWASHER, internal teeth, #10	
	910243	1	WASHER, plain, SAE std., #10	
43	043021	1	BEARING, needle, control shaft, lower	
44	5150394	1	LEVER ASSEMBLY, differential (Consists of 1 LEVER and 1 PIN. Serviced only as a unit)	
45	5150941	1	WASHER, retaining, differential lever	
46	040403	1	CLIP, retaining, differential lever	
47	040397	2	PIN, dowel, control housing cover (1/8" x 3/8") (Engines prior to #371-4739)	
	5150942	2	PIN, dowel, control housing cover (3/16" x 7/16") (Engines #371-4739 and up)	
48	-----	1	SCREW, load limit (Engines #371-1220 thru #371-4456. Order items 50 and 51)	
49	910980	1	NUT, jam, 5/16"NF	
50	048384	1	SCREW, machine, rd-hd., 5/16"NF x 3/8" (Engines #371-4457 and up)	
51	040401	1	GASKET, control housing screw (copper) (Engines #371-4457 and up)	
52	5150889	1	GASKET, control shaft housing cover	058034, 35, 36
				074688
				5193116
NOTE: Items 53 thru 59 comprise the FIRST TYPE COVER ARRANGEMENT as used on engines prior to serial No. 371-29753.				
53	-----	1	COVER ASSEMBLY, control housing (Order items 60, 62 and 63)	
54	5153407	4	CAPSCREW, fil-hd., 1/4"NC x 7/8"	
	904204	4	LOCKWASHER, 1/4"	
55	5153866	1	LEVER ASSEMBLY, shut-off (1 SHAFT, 1 LEVER, 2 PINS)	
56	914479	1	PIN, taper, #1 x 7/8"	
57	5152942	1	STOP, shut-off lever	
58	040403	1	CLIP, spring	
59	5150946	1	WASHER, plain	
NOTE: Items 60 thru 63 comprise the SECOND TYPE COVER ARRANGEMENT as used on engines serial No. 371-29753 and up.				
60	5174412	1	COVER ASSEMBLY, control housing (Includes items 64 and 65)	
61	901228	4	CAPSCREW, fil-hd., 1/4"NC x 3/4"	
	904204	4	LOCKWASHER, 1/4"	

(Continued)

GOVERNOR (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
62	5174425	1	SHAFT ASSEMBLY, shut-off (Includes 1 LEVER and 2 PINS)	
63	5174429	1	RING, shaft retaining	
64	043021	2	BEARING, needle, fuel shut-off lever shaft	
65	{ 5153059 5176557	1 1	PACKING, shut-off lever shaft (felt)(Engines prior to #3A-3807) . . . 058034 SEAL, shut-off lever shaft (rubber)(Engines #3A-3807 and up)	
66	5153060	2	RETAINER, shut-off lever shaft	
67	5151519	1	LEVER, shut-off	
68	{ 905657 904204	1 1	CAPSCREW, 1/4"NC x 1" LOCKWASHER, 1/4"	
69	5152939	1	GUIDE, variable speed spring plunger	
70	5152938	1	PLUNGER, variable speed spring	
71	5152940	1	SPRING, variable speed	
72	5152941	1	RETAINER, variable speed spring	
73	{ 5152962 5153904	1 1	SHIM, variable speed spring (.010" thick. Use as req'd) SHIM, variable speed spring (.078" thick. Use as req'd)	
74	{ 5153003 5172557	1 1	HOUSING ASSEMBLY, variable speed spring (Includes 2 BUSHINGS 5153004)(Used on engines prior to #371-25464) HOUSING, variable speed spring (Engines #371-25464 and up)	
75	040378 904205	2 2	CAPSCREW, 5/16"NC x 3-1/2" LOCKWASHER, 5/16"	
76	{ 5153004 043021	2 2	BUSHING, variable speed spring housing (Used on engines prior to #371-25464) BEARING, needle, variable speed spring housing (Used on engines #371-25464 and up)	
77	5152944	1	GASKET, variable speed spring housing 058034 074688	
78	{ 910230 911081	1 1	PLUG, pipe, slotted head, 1/8"NPT (Engines prior to #3A-3546) PLUG, pipe, slotted head, 1/4"NPT (Engines #3A-3546 and up)	
79	910002	1	PLUG, expansion, 3/4" diam.	
80	5176629	1	LEVER, variable speed spring	
81	{ 5152239 915476	1 1	SETSCREW, variable speed lever (taper point, 5/16"NF x 1/2") (Used on engines prior to #3A-2577) SETSCREW, socket head, dog-pt., 5/16"NF x 1/4" (Used on engines #3A-2577 and up)	
82	5173964	1	SHAFT, variable speed lever (When required for engines prior to #3A-2577 also furnish 1 LEVER 5176629, 1 SETSCREW 915476 and 1 KEY 910173)	
83	5153007	1	PACKING, variable speed lever shaft	
84	5152932	1	WASHER, variable speed lever shaft packing	
85	910173	2	KEY, #2 woodruff, 3/32" x 1/2" (1 less used on engines prior to #3A-2577)	
86	5179613	1	BOLT, idling speed adjustment (1/4"NC x 1-1/4")	
87	911325	1	NUT, jam, 1/4"NC	
88	5177083	1	SCREW ASSEMBLY, buffer (Consists of 1 SCREW, 1 SPRING and 1 NUT. Serviced only as a unit)	
89	5171784	1	STOP, variable speed spring retainer (Use only when necessary to limit high speed)	

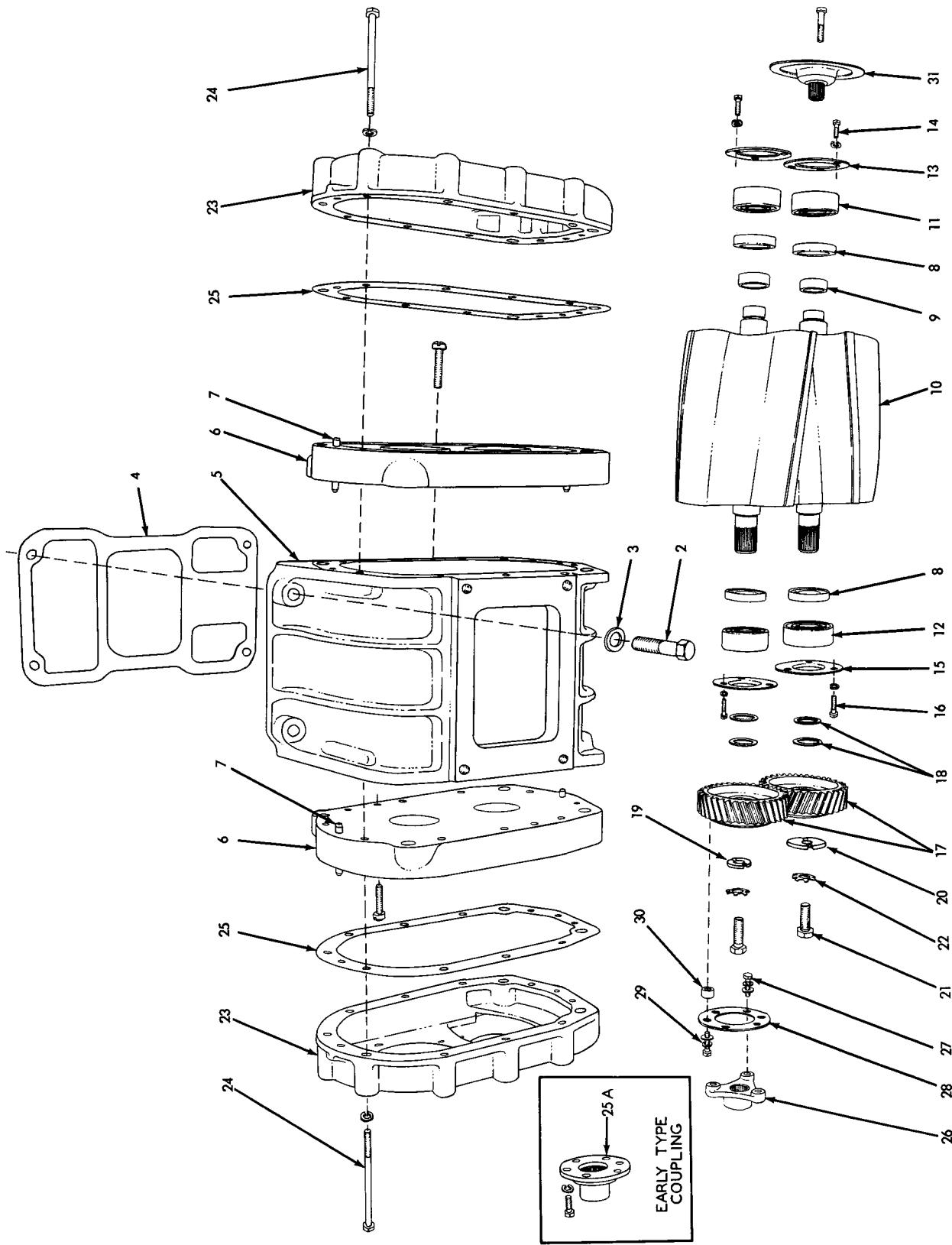
BLOWER DRIVE



BLOWER DRIVE

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 5168129 1 SHAFT (7-1/16" long)(For engines prior to #371-1135) 5154638 1 SHAFT (6-3/16" long)(Used on engines #371-1135 and up)			
2	5167727	1	RING, snap, drive shaft	
3	{ ----- 1 COVER, drive shaft (1-15/16" long)(Used on engines prior to #371-23901. Order 1 COVER 5172867, 1 SEAL 5172864 and 1 CLAMP 5173695) 5172867 1 COVER, drive shaft (1-5/16" long)(Used on engines #371-23901 and up)			
4	5171159	6	BOLT ASSEMBLY (Includes copper WASHER)	
5	5150246	1	GASKET, drive shaft cover	058034 074688
6	{ ----- 1 PACKING, drive shaft cover (Rubber ring. Not illustrated)(Used on engines prior to #371-23901. Order SEAL KIT 5192248) 5172864 1 SEAL, drive shaft cover (Rubber sleeve shoulder type. Not illus- trated)(Used on engines #371-23901 thru #371-25433) 5192248 5172865 1 SEAL, drive shaft cover (Rubber sleeve, plain type)(Used on engines #371-25434 and up) 074688			
7	5173695	1	CLAMP, cover seal (Used on engines #371-23901 and up) 5192248	
8	5172871	1	SUPPORT ASSEMBLY (Bushing is not serviced separately)(When required for engines prior to #371-25434 also furnish 1 SEAL 5172865, 1 CLAMP 5173695 and 1 COVER 5172867)	
9	910230 1 PLUG, pipe, slotted head, 1/8"NPT 5153347 2 CAPSCREW, hex-hd., 3/8"NF x 13/16" 904206 2 LOCKWASHER, 3/8"			
10	5150286	1	GASKET, support	058034 074688
11	5150279	1	HUB, gear	
12	5158901 1 WASHER, thrust 912738 1 BALL, steel, 7/32" diam.			
13	5152804	1	NUT, gear hub locking	
14	5150281	1	LOCKWASHER, gear hub nut	
15	{ 5150522 1 GEAR (32 teeth, 41° helix)(Used on engines prior to #371-3858) 5173320 1 GEAR (40 teeth, 19° helix)(Used on engines #371-3858 and up)			
16	5150345	1	SUPPORT, coupling	
17	5150347	42	SPRING, coupling	
18	5150346	4	SEAT, coupling spring	
19	5150348	1	CAM, coupling	
20	5150349	1	RETAINER, coupling	
21	5150350 6 BOLT, coupling (5/16"NF x 2") 904205 6 LOCKWASHER, 5/16"			
22	5151879	1	TUBE, oil filler	
23	5150147	1	STRAINER, oil filler	
24	5156498	1	CAP ASSEMBLY, oil filler (Includes GASKET)	
25	5151373	1	CHAIN, oil filler cap	
26	5150433 1 PIPE ASSEMBLY, oil (Includes NUTS) 913039 1 ELBOW, inverted flare, 90°, 1/4" tube, 1/8"NPT male 913040 1 ELBOW, inverted flare, 90°, 1/4" tube, 1/4"NPT male			
27	-----	1	TRANSFER, caution (See PAINTING AND MARKING)	
28	-----	1	PLATE, end, cylinder block (See FLYWHEEL HOUSING)	
			NOTE: Items 29 thru 31 were used only on tractors prior to serial No. 16341.	
29	-----	1	PLATE, caution, lubricating oil (Not available. Order item 27)	
30	040226 4 SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2" 912729 4 LOCKWASHER, internal teeth, #6			
31	-----	1	BRACKET, caution plate (Not available. Order item 27)	

B L O W E R



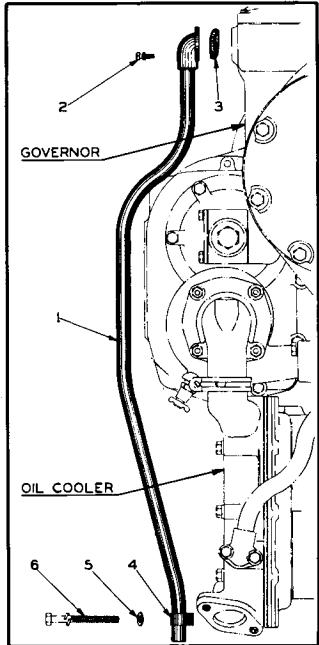
B LOWER

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5158145	1	BLOWER ASSEMBLY (Consists of items 5 thru 31)	
2	041916	4	CAPSCREW, 7/16"NC x 2"	
3	5150238	4	WASHER, plain	
4	5150235	1	GASKET, blower to cylinder block	058034 074688
5	5155865	1	HOUSING (When making first replacement on engines prior to #371-3519 also order new ROTOR SET 5192793)	
6	5150218	2	PLATE ASSEMBLY, end (Includes items 7 and 8)	
	901240	4	CAPSCREW, fil-hd., 5/16"NC x 1-1/2"	
7	-----	4	PIN, dowel (Not serviced separately)	
8	{ 5150220	4	SEAL, oil (1-3/16" shaft diam. Original Equipment)	
	5192438	4	SEAL, oil (1-3/8" shaft diam. For use when rotor shaft is too worn to permit use of standard SEAL 5150220. Also order SPACER 5192439 to make initial installation)	
9	5192439	4	SPACER (Provides new seal surface for worn rotor shafts. Requires use of oil SEAL 5192438)	
10	5192793	1	ROTOR SET (Consists of 1 upper ROTOR and 1 lower ROTOR, matched for proper operating clearance)	
11	{ 042986	2	BEARING, ball, front (Engines prior to #3A-5160)	
	7450168	2	BEARING, roller, front (Engines #3A-5160 and up)	
12	042991	2	BEARING, ball, rear	
13	{ 5150863	2	RETAINER, front bearing (Engines prior to #3A-5160)	
	5179017	2	RETAINER, front bearing (Engines #3A-5160 and up)	
14	034964	6	CAPSCREW, 1/4 NC x 3/4"	
	904204	6	LOCKWASHER, 1/4"	
15	5150222	2	RETAINER, rear bearing	
16	034964	6	CAPSCREW, 1/4"NC x 3/4"	
	904204	6	LOCKWASHER, 1/4"	
17	5192234	1	GEAR SET (Gears are matched and are not serviced separately)	
18	{ 5150372	-	SHIM, rotor gear (.002" thick. Use as req'd)	
	5153938	-	SHIM, rotor gear (.003" thick. Use as req'd)	
	5150855	-	SHIM, rotor gear (.005" thick. Use as req'd)	
	5150856	-	SHIM, rotor gear (.010" thick. Use as req'd)	
19	{ 5150230	1	WASHER, retaining, upper rotor gear (3/8" hole)(Used on engines prior to #371-897)	
	5154400	1	WASHER, retaining, upper rotor gear (1/2" hole)(Used on engines #371-897 and up)	
20	-----	1	DISC, coupling (See FUEL PUMP)	
21	{ 913017	2	CAPSCREW, 3/8"NF x 1" (Engines prior to #371-897)	
	5154399	2	CAPSCREW, 1/2"NF x 1-1/4" (Engines #371-897 and up)	
22	{ 904206	2	LOCKWASHER, 3/8" (Engines prior to #371-897)	
	5154398	2	LOCKWASHER, special (Engines #371-897 and up)	
23	5150233	2	COVER, end plate	
24	040378	20	CAPSCREW, 5/16"NC x 3-1/2"	
	904205	20	LOCKWASHER, 5/16"	
25	5150234	2	GASKET, end plate cover	058034 074688

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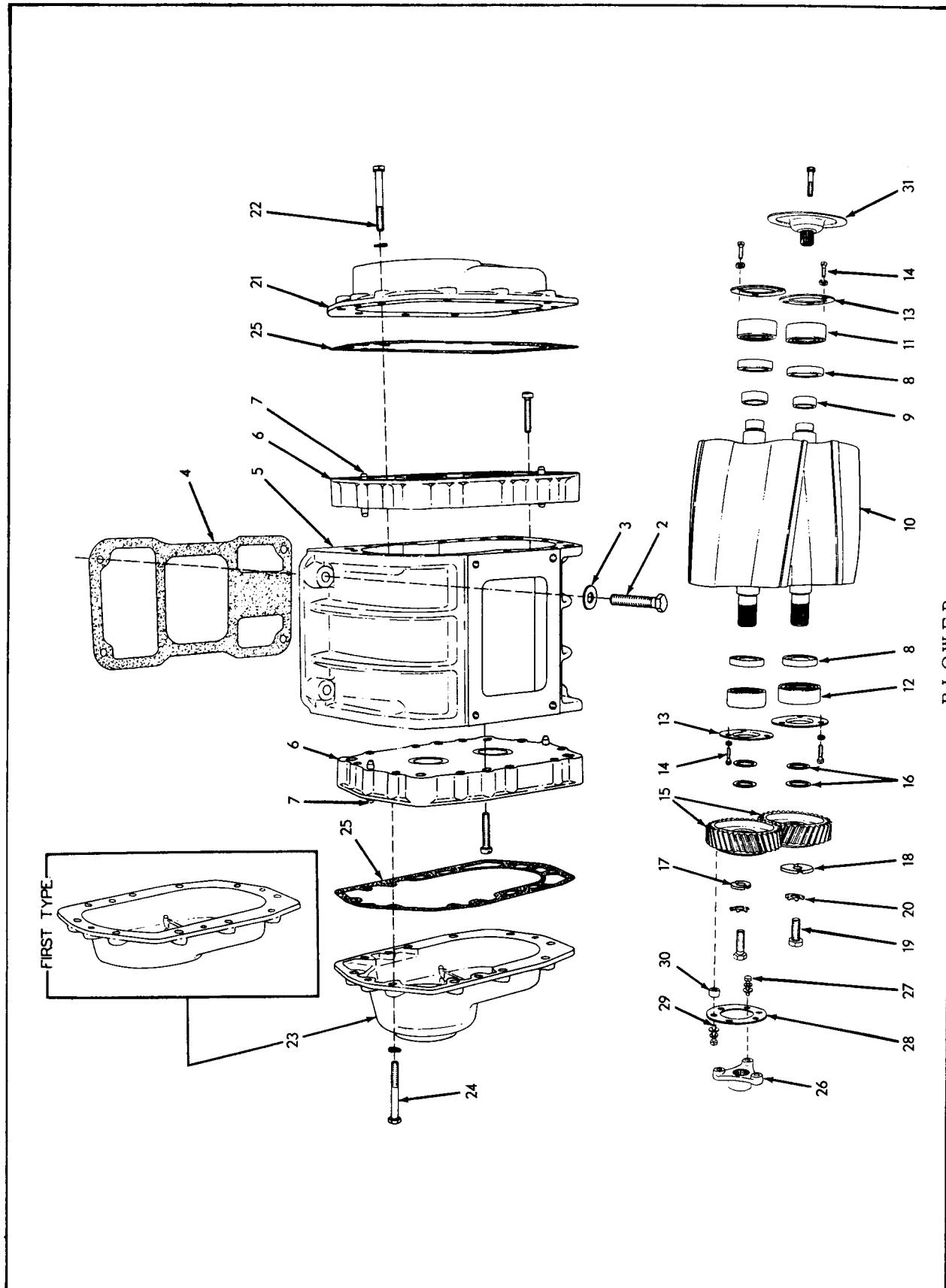
B LOWER (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
25A	-----	1	HUB, driving (Used on engines prior to #371-27467. Order HUB KIT 5192441)	
	910167	6	CAPSCREW, 5/16" NF x 3/4"	
	904205	6	LOCKWASHER, 5/16"	
NOTE: Items 26 thru 30 comprise the late type Blower Coupling as used on engines serial No. 371-27467 and up.				
26	5173366	1	HUB, driving	5192441
27	5173362	3	BOLT (5/16" NF x 3/4").	5192441
	904205	3	LOCKWASHER, 5/16"	5192441
	910335	3	WASHER, plain, SAE std., 5/16"	5192441
28	5173365	1	PLATE, driving hub	5192441
29	5173363	3	BOLT (5/16" NF x 1")	5192441
	904205	3	LOCKWASHER, 5/16"	5192441
	910335	3	WASHER, plain, SAE std., 5/16"	5192441
30	5173364	3	SPACER, driving hub plate	5192441
31	-----	1	COUPLING (See WATER PUMP)	



ENGINE BREATHING PIPE

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5154104	1	PIPE, breathing	
2	901217	2	SCREW, machine, fil-hd., #10NC x 5/8"	
	904203	2	LOCKWASHER, #10	
3	5150900	1	GASKET, breathing pipe	058034, 35, 36 074688 5193116
4	040404	1	CLIP, breathing pipe (closed type, 5/8" diam., 11/32" bolt-hole)	
5	910335	1	WASHER, plain, SAE std., 5/16"	
6	-----	1	CAPSCREW (See OIL COOLER)	



B L O W E R

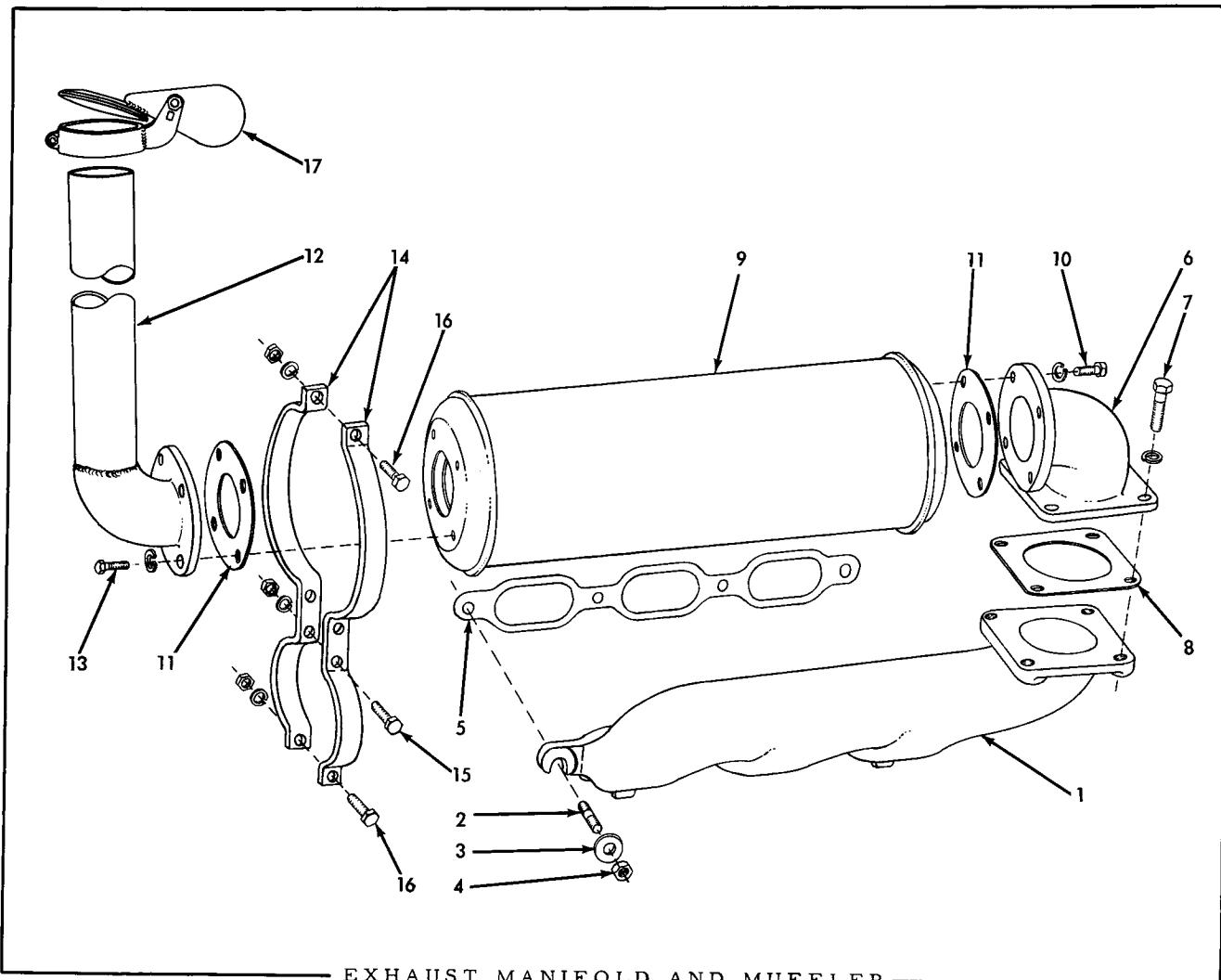
USAGE: Service replacement only. See previous pages
for design used as original equipment

ITEM	PART NUMBER	QTY. * **	DESCRIPTION	PACKAGE NUMBER
				*
-	5114467	1 -	BLOWER ASSEMBLY (Consists of items 5 thru 31)	
1	5120991	- 1	BLOWER ASSEMBLY (Consists of items 5 thru 31)	
2	041916	4 4	CAPSCREW, 7/16"NC x 2"	
3	5150238	4 4	WASHER, plain	
4	5150235	1 1	GASKET, blower to cylinder block	058034
				074688
5	5155865	1 1	HOUSING	
6	5193719	2 2	PLATE ASSEMBLY, end (Includes item 7)	
	901240	4 4	CAPSCREW, fil-hd., 5/16"NC x 1-1/2"	
7	-----	4 4	PIN, dowel (Not serviced separately)	
8	{ 5150220	4 4	SEAL, oil (1-3/16" shaft diam. Original equipment)	
	5192438	4 4	SEAL, oil (1-3/8" shaft diam. For use when rotor shaft is too worn to permit use of standard SEAL 5150220. Also order SPACER 5192439 to make initial installation)	
9	5192439	4 4	SPACER (Provides new seal surface for worn rotor shafts. Requires use of oil SEAL 5192438)	
10	5192793	1 1	ROTOR SET (Consists of 1 upper rotor and 1 lower rotor, matched for proper operating clearance)	
11	7451054	2 2	BEARING, roller, front	
12	042991	2 2	BEARING, ball, rear	
13	5179017	4 4	RETAINER, bearing	
14	034964	12 12	CAPSCREW, 1/4"NC x 3/4"	
	904204	12 12	LOCKWASHER, 1/4"	
15	5192234	1 1	GEAR SET (Gears are matched and are not serviced separately)	
16	{ 5150372	- -	SHIM, rotor gear (.002" thick. Use as req'd)	
	5153938	- -	SHIM, rotor gear (.003" thick. Use as req'd)	
	5150855	- -	SHIM, rotor gear (.005" thick. Use as req'd)	
	5150856	- -	SHIM, rotor gear (.010" thick. Use as req'd)	
17	5154400	1 1	WASHER, retaining, upper rotor gear	
18	-----	1 1	DISC, coupling (See FUEL PUMP)	

(Continued)

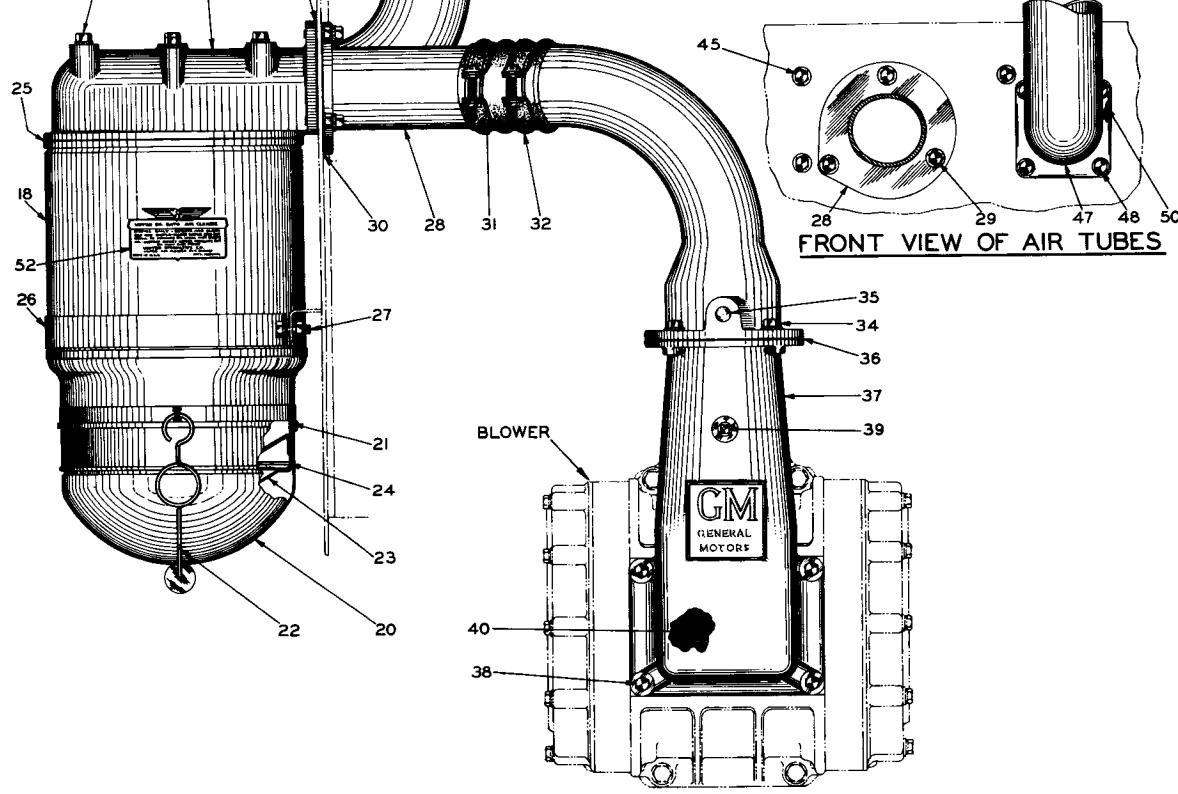
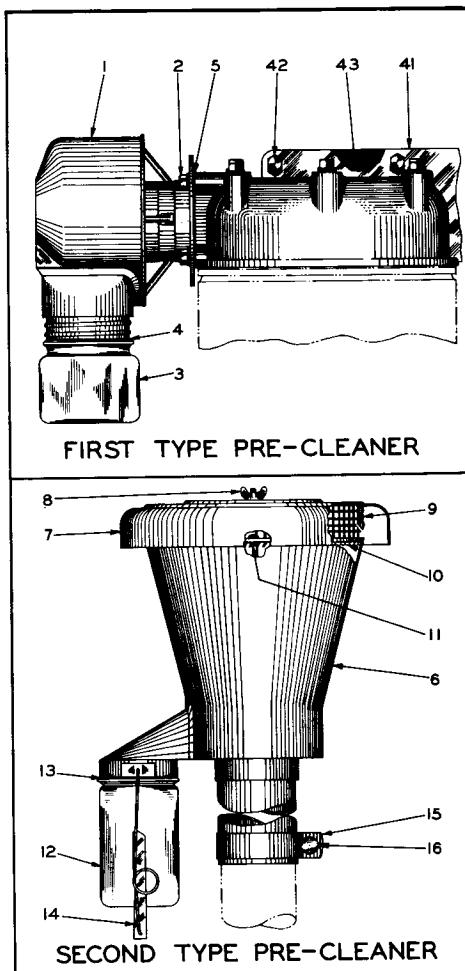
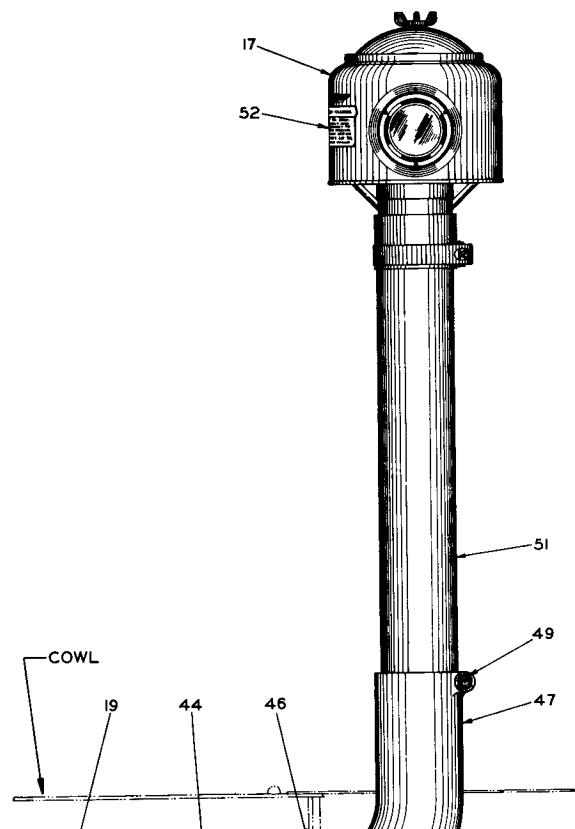
BLOWE R (Continued)

ITEM	PART NUMBER	QTY.	* **	DESCRIPTION	PACKAGE NUMBER
19	070469	2	2	CAPSCREW, hex-hd., 1/2"NF x 1-1/4"	
20	5154398	2	2	LOCKWASHER, gear retaining capscrew	
21	5114442	1	1	COVER, end plate, front	
22	5115190	10	10	BOLT ASSEMBLY, 5/16"NC x 2-1/2" (Includes lockwasher)	
23	{ 5114442	1	-	COVER, end plate, rear	
	5120726	-	1	COVER, end plate, rear	
24	5115190	10	10	BOLT ASSEMBLY, 5/16"NC x 2-1/2" (Includes lockwasher)	
25	5114726	2	2	GASKET, end plate cover	
26	5173366	1	1	HUB, driving	
27	5173362	3	3	BOLT (hex-hd., 5/16"NF x 3/4")	
	904205	3	3	LOCKWASHER, 5/16"	
	910335	3	3	WASHER, plain, SAE std., 5/16"	
28	5173365	2	2	PLATE, driving hub	
29	5173363	3	3	BOLT (hex-hd., 5/16"NF x 1")	
	904205	3	3	LOCKWASHER, 5/16"	
	910335	3	3	WASHER, plain, SAE std., 5/16"	
30	5173364	3	3	SPACER, driving hub plate	
31	-----	1	1	COUPLING (See WATER PUMP)	



EXHAUST MANIFOLD AND MUFFLER

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5154077	1	MANIFOLD, exhaust	
2	5150197	4	STUD (7/16"NC x 7/16"NF x 2-1/8")	
3	5150198	4	WASHER, plain	
4	040383	4	NUT (7/16"NF, plated)	
5	5150194	1	GASKET, exhaust manifold	058034, 35, 36 074688 5193116
6	041614	1	ELBOW, manifold to muffler	
7	035733	4	CAPSCREW, 1/2"NC x 1-3/8"	
	904208	4	LOCKWASHER, 1/2"	
8	041234	1	GASKET, manifold to elbow	
9	041616	1	MUFFLER, exhaust	
10	035439	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
11	041615	2	GASKET, exhaust muffler	
12	042680	1	PIPE, exhaust	
13	035439	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
14	041617	2	STRAP, muffler supporting	
15	012992	2	CAPSCREW, 3/8"NF x 1-1/4"	
16	035336	2	CAPSCREW, 3/8"NF x 1-3/4"	
	911041	4	NUT, 3/8"NF	
	904206	4	LOCKWASHER, 3/8"	
17	068963	1	RAINCAP, exhaust pipe (Special Equipment)	



AIR CLEANER (Early Type)

AIR CLEANER

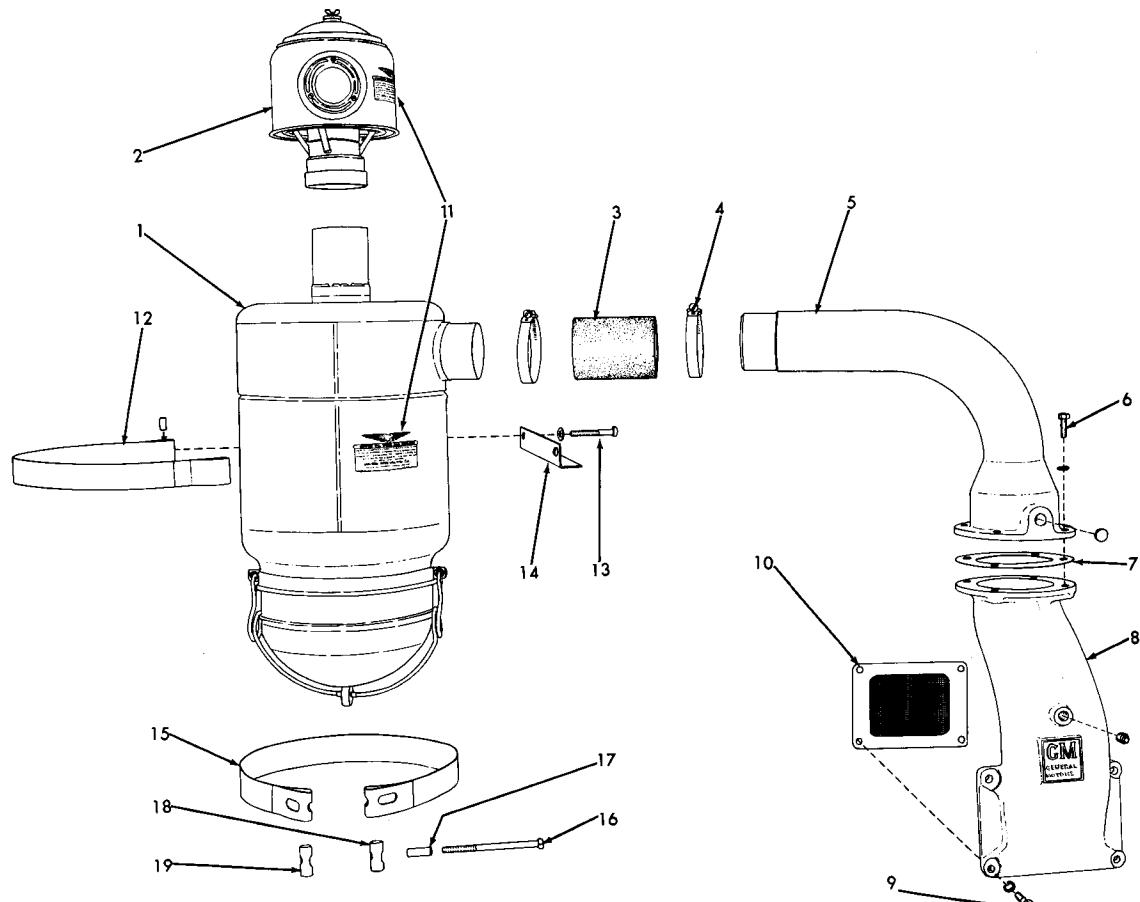
USAGE: Tractors prior to serial No. 2603.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
			NOTE: Items 1 thru 5 comprise the FIRST TYPE PRE-CLEANER as used on tractors prior to serial No. 403.	
1	040572	1	PRE-CLEANER ASSEMBLY, air (Includes items 3 and 4)	
2	035244	4	CAPSCREW, 3/8"NC x 3/4"	
	904206	4	LOCKWASHER, 3/8"	
3	041347	1	JAR, glass (Includes item 4)	
4	041893	1	GASKET, glass jar (rubber)	
5	040568	1	GASKET, pre-cleaner to mounting bracket	
			NOTE: Items 6 thru 16 comprise the SECOND TYPE PRE-CLEANER as used on tractors serial No. 403 thru approx. No. 788.	
6	043125	1	PRE-CLEANER ASSEMBLY, air (Includes items 7 thru 16)	
7	-----	1	COVER, main body (Not available. Order item 17)	
8	915015	1	NUT, wing, 1/4"NC	
9	-----	1	SCREEN (Not available. Order item 17)	
10	-----	1	LOUVRE, air deflection (Not available. Order item 17)	
11	{ 913533	2	SCREW, thread-cutting, rd-hd., #7 x 1/2" (Not available)	
		4	SCREW, thread-cutting, rd-hd., #4 x 1/4"	
12	043276	1	JAR, glass	
13	043403	1	GASKET, glass jar	
14	043400	1	CLAMP, glass jar	
15	-----	1	CLAMP ASSEMBLY, air stack (Not available. Order item 17)	
16	910422	1	BOLT, carriage, 5/16"NC x 1-1/4" (Includes NUT)	
17	044988	1	PRE-CLEANER ASSEMBLY, air (See page 72 for repair parts) (Used on tractors approximately serial No. 789 and up)	
18	041553	1	CLEANER ASSEMBLY, air (Includes items 20 thru 24)	
19	040570	8	CAPSCREW, 3/8"NC x 4-1/4"	
	904206	8	LOCKWASHER, 3/8"	
20	040352	1	CUP, oil, air cleaner	
21	040354	1	GASKET, oil cup	
22	040353	1	BAIL ASSEMBLY, oil cup (Includes ROLLER)	
23	040359	1	BAFFLE, oil cup	
24	040360	1	RING, baffle retaining	
25	040596	1	GASKET, air cleaner to mounting bracket	
26	041694	1	STRAP, air cleaner supporting	
27	036034	2	CAPSCREW, 3/8"NF x 1"	
	911041	2	NUT, 3/8"NF	
	904206	2	LOCKWASHER, 3/8"	
	911115	2	WASHER, plain, SAE std., 3/8"	
28	041556	1	TUBE, air intake	
29	013058	3	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	3	LOCKWASHER, 3/8"	
30	041555	1	GASKET, air intake tube	
31	041557	1	HOSE, air intake tube (3" I. D. x 3-1/4" long)	
32	605828	2	CLAMP, hose, 3-1/2" diam.	
33	041558	1	ELBOW, air intake	
34	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
35	910001	1	PLUG, expansion, 5/8" diam.	
36	040118	1	GASKET, air intake elbow	058034
37	065975	1	HOUSING, air intake (When making first replacement also furnish item 39)	074688
38	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
39	901652	1	PLUG, pipe, 1/4"NPT (Primer connection hole)	

(Continued)

AIR CLEANER (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
40	5150779	1	SCREEN, blower (also serves as air intake housing gasket).....	058034 074688
NOTE: Items 41 thru 43 were used only on tractors prior to serial No. 403, which were equipped with the FIRST TYPE AIR PRE-CLEANER.				
41	-----	1	BRACKET, mounting (Not serviced. Order items 17 and 44 thru 51)	
42	035439	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
43	-----	1	GASKET, mounting bracket to dash panel (Order item 46)	
NOTE: Items 44 thru 51 were used on tractors serial No. 403 and up, which were equipped with the later type Air Pre-Cleaners.				
44	042813	1	BRACKET, mounting	
45	035439	3	CAPSCREW, 3/8"NC x 1"	
	904206	3	LOCKWASHER, 3/8"	
46	043124	1	GASKET, mounting bracket to dash	
47	042668	1	ELBOW, air pre-cleaner	
48	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
49	905667	1	CAPSCREW, 3/8"NC x 3"	
	911026	1	NUT, 3/8"NC	
	904206	1	LOCKWASHER, 3/8"	
50	040568	1	GASKET, air pre-cleaner elbow	
51	042669	1	TUBE, pre-cleaner extension	
52	-----	2	TRANSFERS, instruction (See PAINTING AND MARKING)	

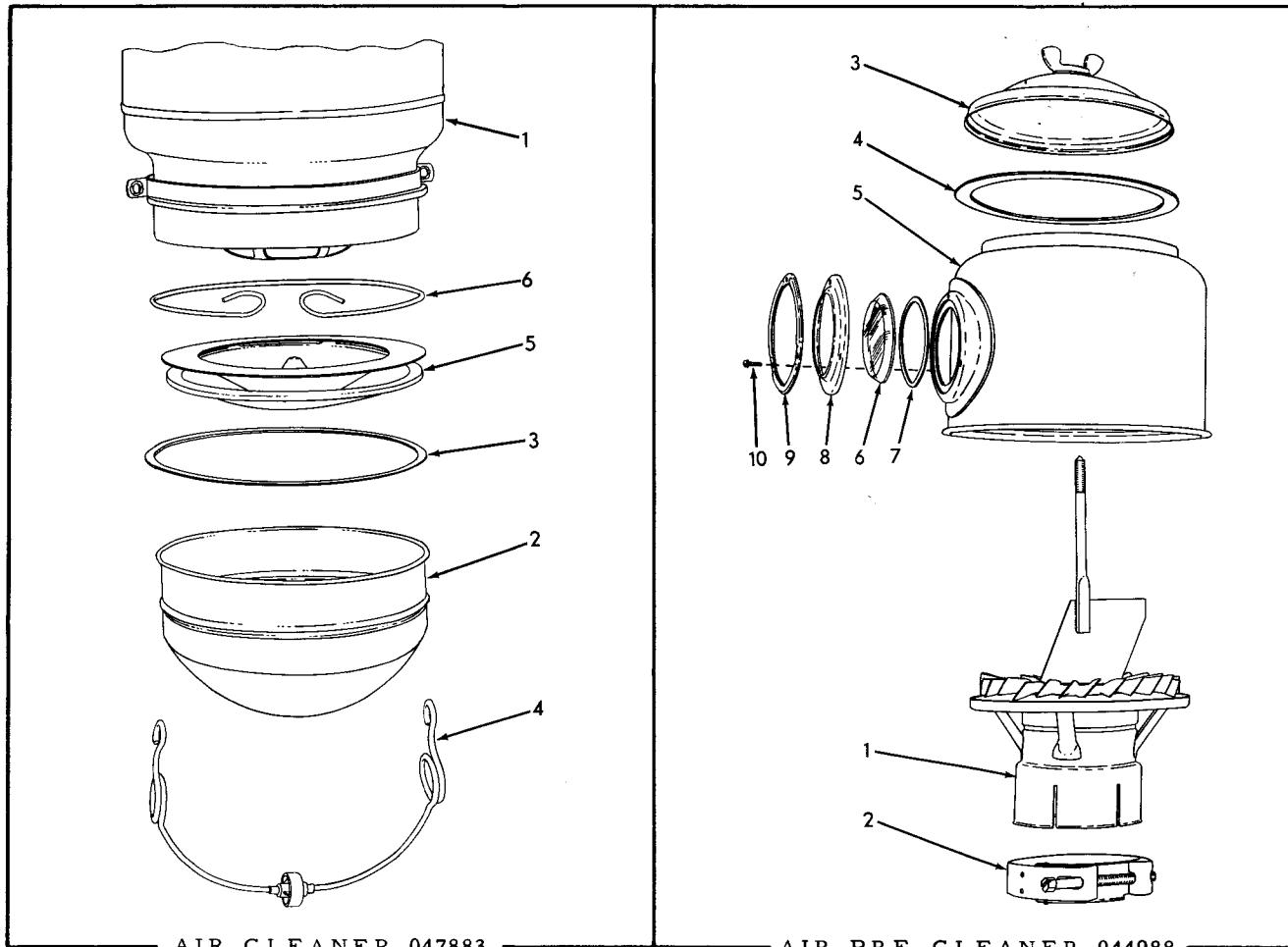


— AIR CLEANER (Late type) —

AIR CLEANER

USAGE: Tractors serial No. 2603 and up.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	047883	1	CLEANER ASSEMBLY, air (See page 72 for repair parts)	
2	044988	1	PRE-CLEANER ASSEMBLY, air (See page 72 for repair parts)	
3	047878	1	HOSE, air cleaner (3" I. D. x 4-1/4" long)	
4	605828	2	CLAMP, hose, 3-3/8" diam.	
5	047882	1	ELBOW, air intake	
	910001	1	PLUG, expansion, 5/8" diam.	
6	035439	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
7	040118	1	GASKET, air intake elbow	058034 074688
8	065975	1	HOUSING, air intake (When required for tractors prior to #16697 also furnish 1 PLUG 901652)	
	901652	1	PLUG, pipe, 1/4" NPT (Primer connection hole)	
9	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
10	5150779	1	SCREEN, blower (also serves as air intake housing gasket)	058034 074688
11	-----	2	TRANSFERS, instruction (See PAINTING AND MARKING)	
			NOTE: Items 12 thru 14 comprise the EARLY TYPE MOUNTING as used on tractors prior to serial No. 9670, excluding serial Nos. 9651 and 9656.	
12	047880	2	BAND, air cleaner mounting	
13	030809	4	BOLT, sq-hd., 3/8"NC x 2-1/2"	
	911115	2	WASHER, plain, SAE std., 3/8"	
	900405	4	NUT, square, 3/8"NC	
14	047881	1	ANGLE, air cleaner mounting band	
			NOTE: Items 15 thru 19 comprise the LATE TYPE MOUNTING as used on tractors serial No. 9670 and up, including tractors No. 9651 and 9656.	
15	052090	2	BAND, air cleaner mounting	
16	053668	2	CAPSCREW, mounting band (3/8"NC x 5") (When required for tractors prior to #12697, also furnish item 17)	
17	053667	2	SPACER, mounting band capscrew	
18	050735	2	PIN, mounting band (plain hole)	
19	050734	2	PIN, mounting band (threaded hole)	



AIR CLEANER 047883

AIR PRE-CLEANER 044988

AIR CLEANER 047883

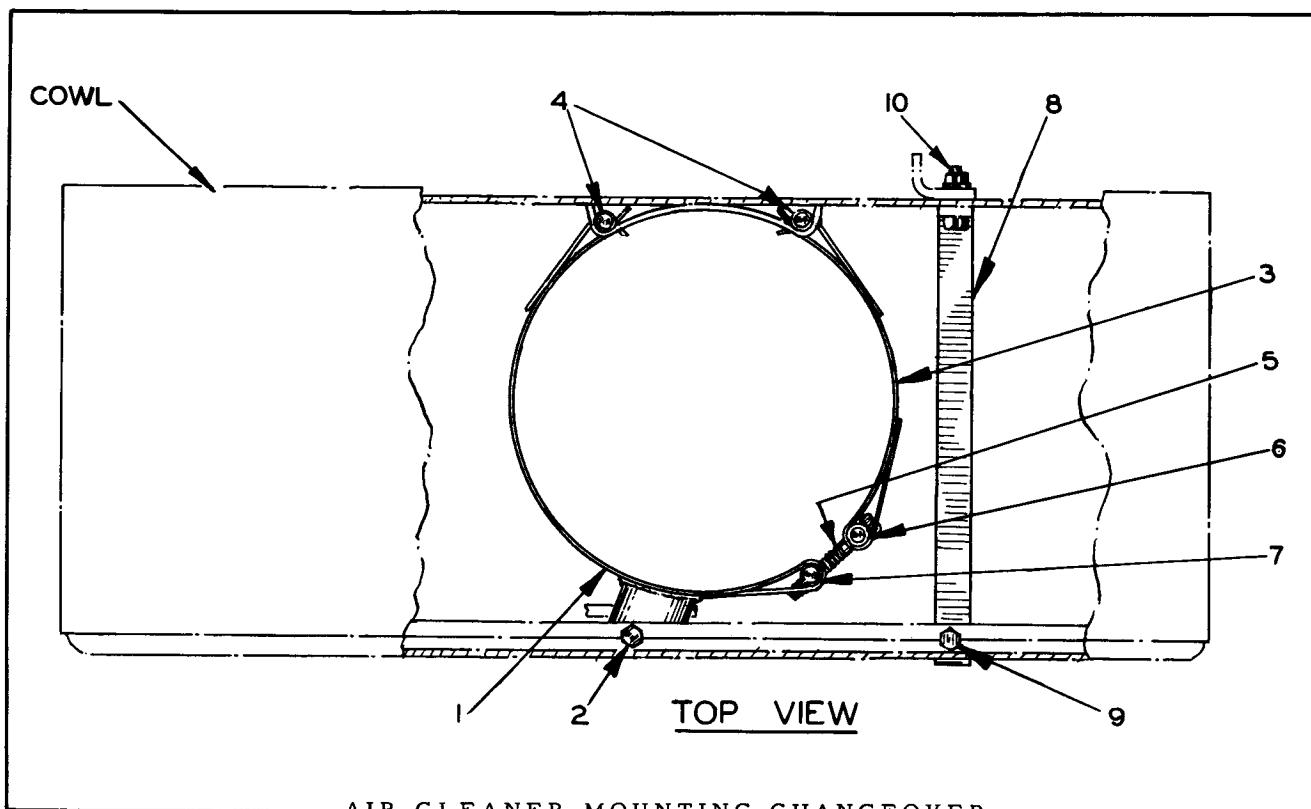
USAGE: See page 71 for listing of complete Cleaner Assembly.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	BODY (Not serviced. Furnish CLEANER ASSEMBLY 047883)	
2	040352	1	CUP, oil	
3	040354	1	GASKET, oil cup	
4	040353	1	BAIL ASSEMBLY, oil cup (Includes ROLLER)	
5	040359	1	BAFFLE, air	
6	040360	1	RING, baffle retaining	

AIR PRE-CLEANER 044988

USAGE: See pages 69 and 71 for listing of complete Cleaner Assembly.

1	044257	1	BODY
2	5173695	1	CLAMP ASSEMBLY (Includes SCREW)
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 LOCKWASHER)

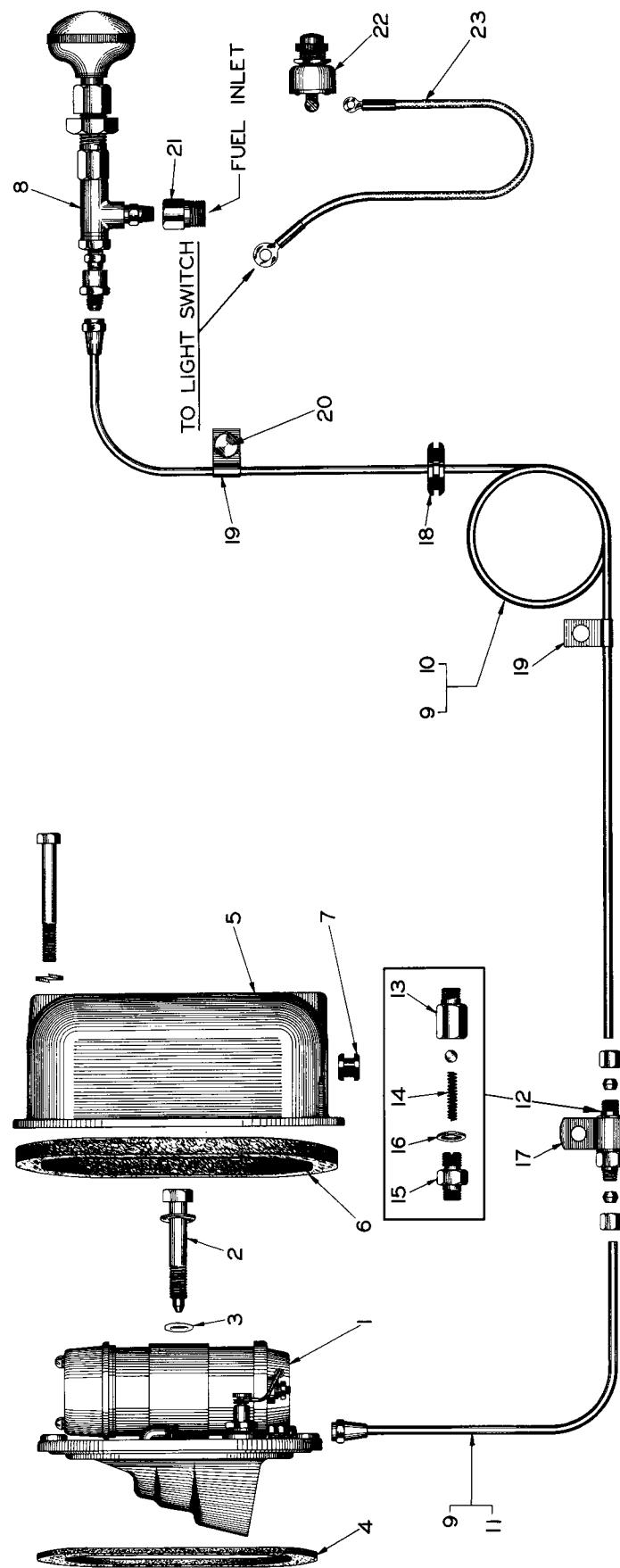


AIR CLEANER MOUNTING CHANGEOVER

USAGE: Special Equipment. Applicable to tractors serial No. 2603 thru 9669, excluding Nos. 9651 and 9656. Provides more rigid mounting for heavy-duty applications.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	051891	1	BAND, mounting, long	051890
2	035167	1	CAPSCREW, 3/8"NF x 7/8"	051890
911041		1	NUT, hex, 3/8"NF	051890
904206		1	LOCKWASHER, 3/8"	051890
3	051893	1	BAND, mounting, short	051890
4	051896	2	PIN, mounting band	051890
	900802	2	PIN, cotter, 3/32" x 1"	051890
5	051897	1	CAPSCREW, mounting band (3/8"NF x 3")	051890
6	051894	1	PIN, mounting band (plain hole)	051890
7	051895	1	PIN, mounting band (threaded hole)	051890
8	051899	1	BRACE, cowl	051890
9	035167	1	CAPSCREW, 3/8"NF x 7/8"	051890
10	012992	1	CAPSCREW, 3/8"NF x 1-1/4"	051890
	911041	2	NUT, 3/8"NF	051890
	904206	2	LOCKWASHER, 3/8"	051890

AIR HEATER SYSTEM (Early Type)



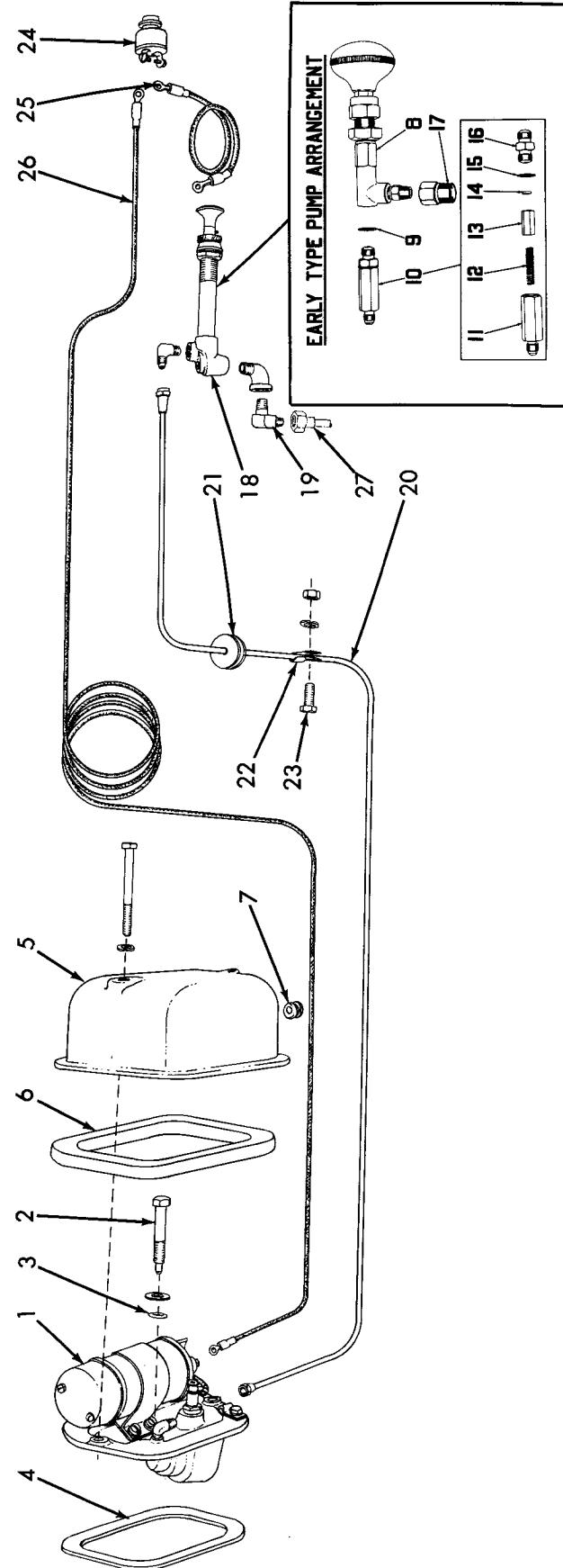
AIR HEATER SYSTEM

USAGE: Tractors prior to serial No. 2981.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153383	1	HEATER ASSEMBLY, engine air (See page 80 for repair parts)	
2	5153139	1	BOLT	
	911115	1	WASHER, plain, SAE std., 3/8"	
3	040400	1	GASKET, attaching bolt	058034
4	5150020	1	GASKET, air heater to block (cork)	058034
5	5158071	1	COVER, air heater	
	913189	2	CAPSCREW, 5/16"NC x 2-7/8"	
	904205	2	LOCKWASHER, 5/16"	
6	5154066	1	GASKET, air heater cover (felt)	
7	023176	1	GROMMET, air heater cable (rubber)	
8	5151922	1	PUMP ASSEMBLY (Discontinued. Order PUMP ASSEMBLY 066782) (See page 82 for repair parts)	
9	041255	1	TUBE ASSEMBLY, pump to air heater (50-1/2" long. Includes 2 NUTS 913676)(Used on tractors prior to #549)	
	913676	2	NUT, flared, long, 3/16" tube	
NOTE: Items 10 thru 17 were used only on tractors serial No. 549 and up. Those indicated without part number are no longer serviced. Order following instead: 1 TUBE ASSEMBLY 041255, 1 CLIP U-479 and 1 VALVE ASSEMBLY 048604)				
10	-----	1	TUBE, pump to check valve (39" long)	
	913676	1	NUT, flared, long, 3/16" tube	
	912064	1	NUT, compression fitting, 3/16" tube	
	912367	1	SLEEVE, compression fitting, 3/16" tube	
11	-----	1	TUBE, check valve to air heater (10" long)	
	913676	1	NUT, flared, long, 3/16" tube	
	912064	1	NUT, compression fitting, 3/16" tube	
	912367	1	SLEEVE, compression fitting, 3/16" tube	
12	-----	1	VALVE ASSEMBLY, check (Consists of items 13 thru 16)	
13	-----	1	BODY, check valve	
	905358	1	BALL, steel, 1/4" diam.	
14	-----	1	SPRING, check valve	
15	-----	1	HOUSING, check valve spring	
16	5151910	1	WASHER, check valve spring housing	
17	044438	1	CLIP, check valve supporting (closed type, 5/8" diam., 11/32" bolt-hole)	
18	041581	1	GROMMET, pump outlet tube (rubber)	
19	U-479	2	CLIP, pump tube (closed type, 3/16" diam., 13/32" bolt-hole)	
20	036032	1	CAPSCREW, 3/8"NF x 3/4"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
21	040740	1	CONNECTOR, fuel inlet tube (1/8"NPT female, 5/8"-24 male)	
22	031337	1	SWITCH, push-button	
23	040789	1	CABLE, air heater switch to light switch (15" long)	

NOTE: See PAINTING AND MARKING for instruction transfer.

AIR HEATER SYSTEM (Late Type)



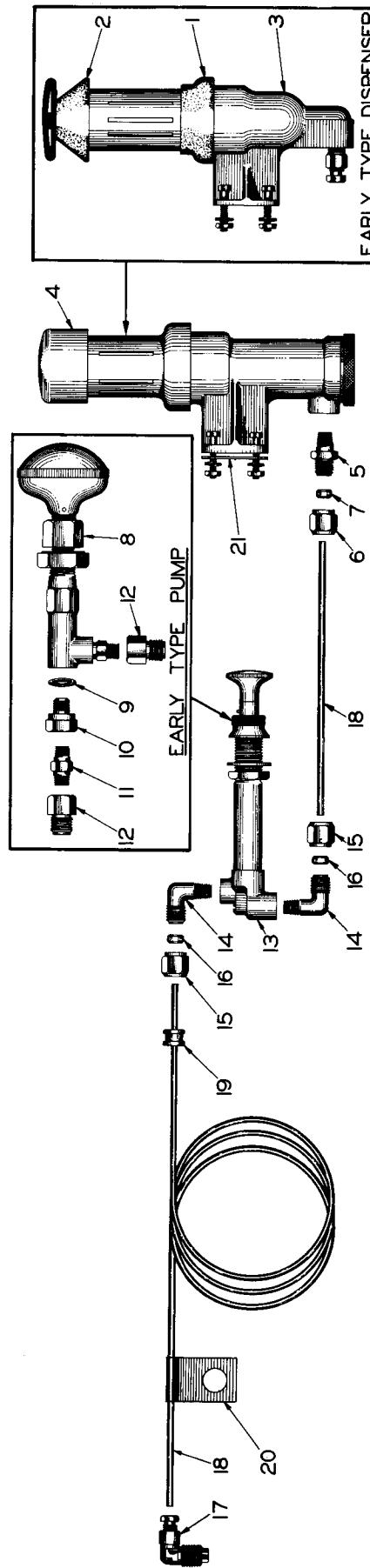
AIR HEATER SYSTEM

USAGE: Standard equipment on tractors serial No. 2981 thru No. 16696.
Optional equipment on later machines in place of standard Engine Primer System.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153383	1	HEATER ASSEMBLY, engine air (See page 80 for repair parts)	
2	5153139	1	BOLT	
	911115	1	WASHER, plain, SAE std., 3/8"	
3	040400	1	GASKET, attaching bolt	058034
4	5150020	1	GASKET, air heater to block	058034
5	5158071	1	COVER, air heater	
	913189	2	CAPSCREW, 5/16"NC x 2-7/8"	
	904205	2	LOCKWASHER, 5/16"	
6	5154066	1	GASKET, air heater cover (felt)	
7	023176	1	GROMMET, air heater cover (rubber)	
			NOTE: Items 8 thru 17 comprise the EARLY TYPE PUMP ARRANGEMENT as used on tractors prior to serial No. 17351.	
8	048661	1	PUMP ASSEMBLY (See page 82 for repair parts)(Order item 18)	
9	5151910	1	WASHER, pump outlet check valve	
10	048604	1	VALVE ASSEMBLY, check, pump outlet (Consists of items 11 thru 16)	
11	048607	1	BODY, outlet check valve	
12	048603	1	SPRING, outlet check valve	
13	048608	1	PLUNGER, outlet check valve	
14	048606	1	DISC, outlet check valve	
15	5151910	1	WASHER, outlet check valve	
16	048605	1	PLUG, seat, outlet check valve	
17	040740	1	CONNECTOR, fuel inlet tube (1/8"NPT female, 5/8"-24 male)	
			NOTE: Items 18 and 19 comprise the LATE TYPE PUMP ARRANGEMENT as used on tractors serial No. 17351 and up.	
18	066782	1	PUMP ASSEMBLY (See page 83 for repair parts)	
	910268	1	ELBOW, flared, 3/16" tube, 1/8"NPT male	
	907059	1	ELBOW, street, 90°, 1/8"NPT	
19	066831	1	ELBOW, pump inlet tube (90°, 1/8"NPT and 5/8"-24 male ends)	
20	041255	1	TUBE ASSEMBLY, pump to air heater (50-1/2" long. Includes NUTS indented below)	
	913676	2	NUT, flared, long, 3/16" tube	
21	041581	1	GROMMET, pump outlet tube (rubber)	
22	U-479	3	CLIP, pump tube (closed type, 3/16" diam., 13/32" bolt-hole)	
23	036032	1	CAPSCREW, 3/8"NF x 3/4"	
	911041	1	NUT, 3/8"NF	
	904206	1	LOCKWASHER, 3/8"	
24	031337	1	SWITCH, push-button	
25	040789	1	CABLE, air heater switch to light switch (15" long)	
26	066583	1	CABLE, switch to air heater (111" long)	
27	-----	1	TUBE, fuel supply (See FUEL TANK AND LINES)	

NOTE: See PAINTING AND MARKING for instruction transfer.

ENGINE PRIMER



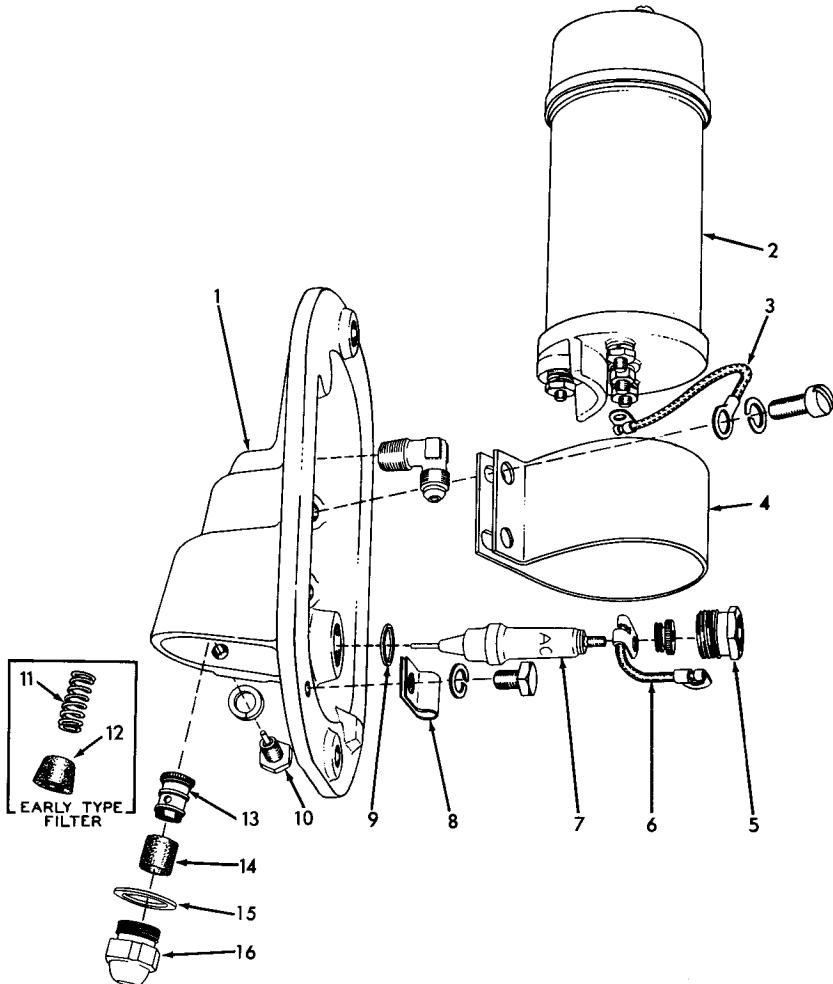
ENGINE PRIMER

USAGE: Tractors serial No. 16697 and up, except on units ordered with Air Heater as a substitute.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
NOTE: Items 1 thru 3 comprise the EARLY TYPE DISPENSER as used on tractors prior to serial No. 18175.				
1	066242	1	DISPENSER ASSEMBLY (See page 81 for repair parts)(Order items 4 thru 7)	
	913464	4	SCREW, machine, hex-hd., #10-24NC x 7/8"	
	901310	4	NUT, #10-24NC	
	904203	4	LOCKWASHER, #10	
2	068496	1	BOOT, dispenser, upper	
3	068495	1	BOOT, dispenser, lower	
NOTE: Items 4 thru 7 comprise the LATE TYPE DISPENSER ARRANGEMENT as used on tractors serial No. 18175 and up.				
4	075771	1	DISPENSER ASSEMBLY, priming fuel (See page 81 for repair parts)	066122
	913464	4	SCREW, machine, hex-hd., #10-24NC x 7/8"	066122
	901310	4	NUT, #10-24NC	066122
	904203	4	LOCKWASHER, #10	066122
5	915556	1	CONNECTOR, Sealastic, 1/8" tube, 1/8"NPT, male	066122
6	915488	1	NUT, Sealastic fitting, 1/8" tube	066122
7	915486	1	RING ASSEMBLY, Sealastic fitting, 1/8" tube (Includes FERRULE) . . . 066122	
NOTE: Items 8 thru 12 comprise the EARLY TYPE PUMP ARRANGEMENT as used on tractors prior to serial No. 17350.				
8	048661	1	PUMP ASSEMBLY (See page 82 for repair parts)(Order items 13 and 14)	
9	5151910	1	WASHER, check valve adapter	066122
10	066516	1	ADAPTER, outlet check valve	066122
11	5153358	1	VALVE ASSEMBLY, outlet check (Serviced only as a unit)	066122
12	915490	2	CONNECTOR, Sealastic, 1/8" tube, 1/8"NPT female	066122
NOTE: Items 13 and 14 comprise the LATE TYPE PUMP ARRANGEMENT as used on tractors serial No. 17350 and up.				
13	066782	1	PUMP ASSEMBLY (See page 83 for repair parts)	
14	915557	2	ELBOW, Sealastic, 1/8" tube, 1/8"NPT, male	
15	915488	2	NUT, Sealastic fitting, 1/8" tube	066122
16	915486	2	RING ASSEMBLY, Sealastic fitting, 1/8" tube (Includes FERRULE) . . 066122	
17	066517	1	ELBOW ASSEMBLY, fuel spray (Includes check VALVE, NUT and SLEEVE. Serviced only as a unit)	066122
18	066253	1	TUBING, copper, 1/8"O.D., 10 ft. roll (Use as req'd)	066122
19	065946	1	GROMMET, tube protecting (rubber)	066122
20	-----	-	CLIP (Not used on HD7 tractors)	
21	-----	-	GASKET (Not used on HD7 tractors)	

NOTE: The primer arrangement shown above may also be installed on units already in the field. PRIMER KIT 066122 has been made available for this purpose. This kit includes all items shown above with the exception of the pump which is identical to the pump used with the Air Heater arrangement. Care should be taken that the Air Heater is rendered inoperative before putting the primer system in use. Using the two systems simultaneously may result in serious engine damage.

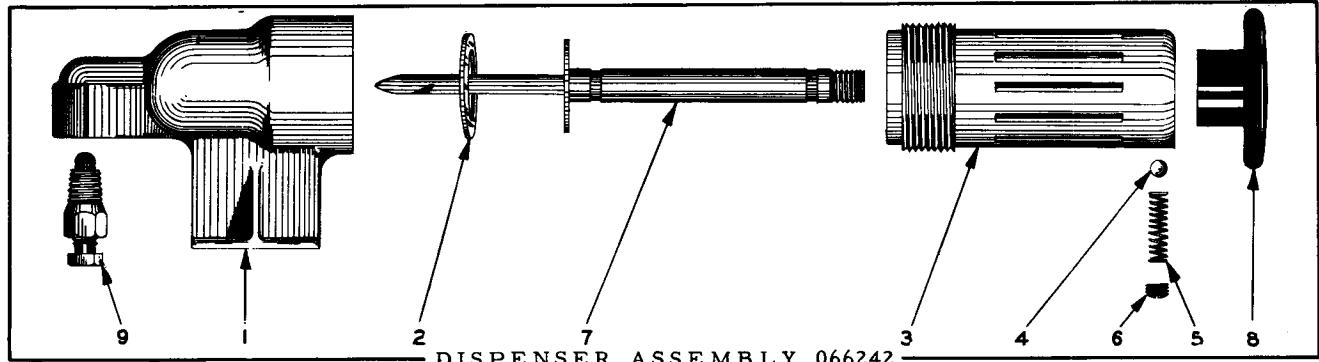
See PAINTING AND MARKING for instruction transfer.



AIR HEATER ASSEMBLY 5153383

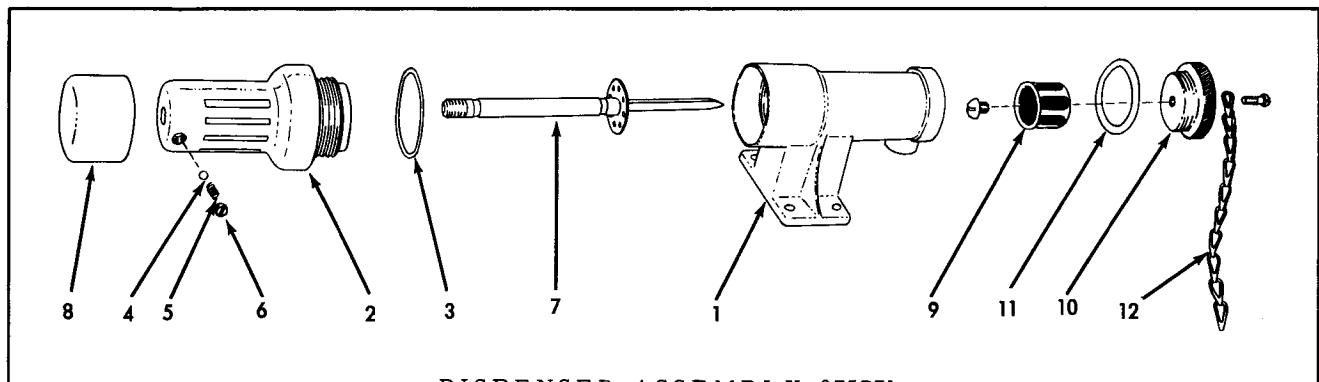
NOTE: See pages 77 and 79 for listing of complete Heater Assembly.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5153385 910268	1	BODY, air heater ELBOW, male, flared, 3/16" tube, 1/8"NPT	
2	1115485	1	COIL, ignition (Serviced only as a unit)	
3	5152779	1	LEAD, ignition coil ground	
4	1879753 912226 904204	1 2 2	BRACKET, ignition coil mounting SCREW, machine, fil-hd., 1/4"NC x 5/8" LOCKWASHER, 1/4"	
5	5153395	1	NUT, insulator retaining	
6	5154125	1	LEAD, coil to insulator (high tension)	
7	1556410	1	INSULATOR PACKAGE (Includes terminal NUT and item 9)	
8	AM-8763 913032 904204	1 1 1	CLIP, fuel tube (single, 3/16" diam., 9/32" bolt-hole) CAPSCREW, 1/4"NC x 5/16" LOCKWASHER, 1/4"	
9	5158594	1	GASKET, insulator	
10	5153390 904204	1 1	SCREW ASSEMBLY, electrode (1 SCREW, 1 ELECTRODE) LOCKWASHER, 1/4"	
11	5153389	1	SPRING, filter (Used on early units only)	
12	5153388	1	FILTER, fuel (Used on early units only)	
13	5077487	1	BODY, fuel filtering screen (Used on late units)	
14	5077489	1	SCREEN, fuel filtering (Used on late units)	
15	5151921	1	WASHER, spray nozzle	
16	5076204	1	NOZZLE, spray	



USAGE: See page 79 for listing of complete Dispenser Assembly.

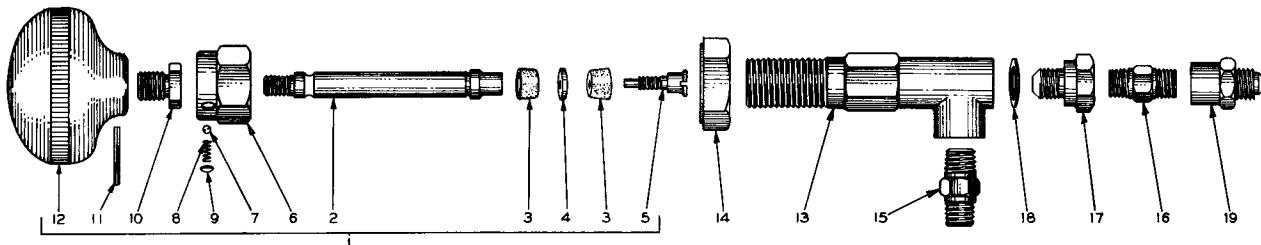
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	066248	1	BODY, fuel dispenser	
2	066249	1	GASKET, fuel dispenser chamber	
3	-----	1	CHAMBER, fuel dispenser (Not available)	
4	905357	1	BALL, steel, 3/16" diam.	
5	066251	1	SPRING, plunger locking ball	
6	066252	1	PLUG, retaining, locking ball spring	
7	066255	1	PLUNGER, fuel dispenser	
8	066254	1	KNOB, fuel dispenser plunger	
9	066256	1	CONNECTOR ASSEMBLY (Includes SCREEN, NUT and SLEEVE. Serviced only as a unit)	



DISPENSER ASSEMBLY 075771

USAGE: See page 79 for listing of complete Dispenser Assembly.

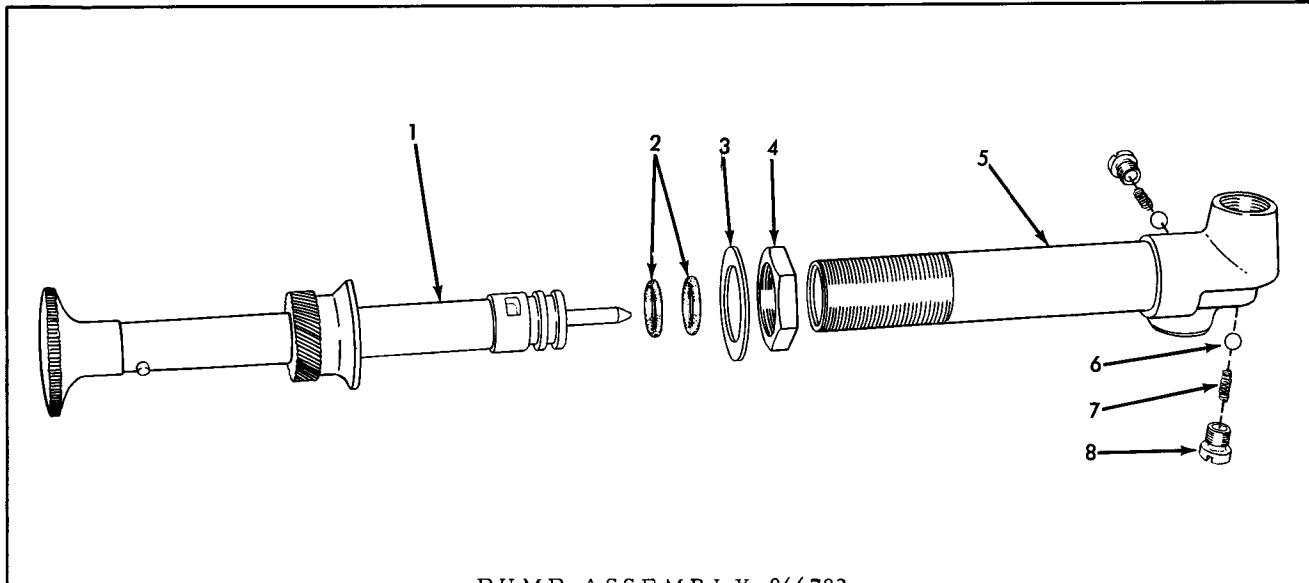
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	068878	1	BODY, fuel dispenser	
2	068879	1	CHAMBER, fuel dispenser	
3	069164	1	GASKET, fuel dispenser chamber	
4	905357	1	BALL, steel, 3/16" diam.	
5	066251	1	SPRING, plunger locking ball	
6	066252	1	PLUG, retaining, locking ball spring	
7	066255	1	PLUNGER, fuel dispenser	
8	068881	1	KNOB, fuel dispenser plunger	
9	068875 915432	1	STRAINER, fuel dispenser 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 901781	1	CHAIN, strainer plug retaining (On replacement units only) SCREW, machine, fil-hd., #10-32NF x 1/2"	



AIR HEATER PUMP PARTS

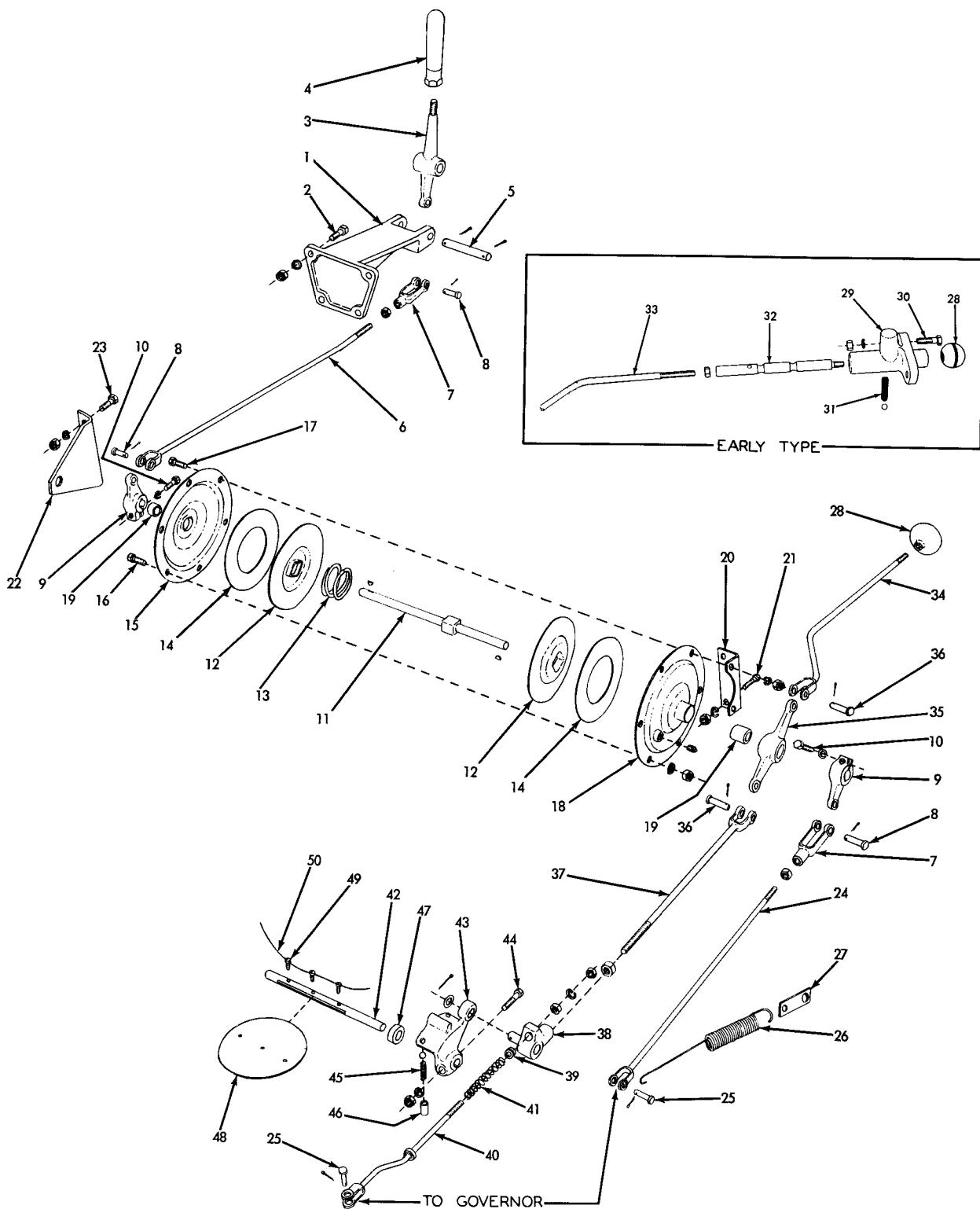
ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
				5151922 048661
-	-----	1	PLUNGER ASSEMBLY (Consists of items 2 thru 12)	
2	-----	1	PLUNGER	
3	5151907	2	PISTON, plunger (leather)	
4	5151909	1	SEPARATOR, plunger piston	
5	5151908	1	SCREW, plunger piston retaining	
6	-----	1	NUT, plunger	
7	{-----}	1	PIN, plunger locking (shoulder type)	
7		1	PIN, plunger locking (straight type)	
7		2	BALL, plunger locking (steel)(Replaced PIN)	
8	-----	2	SPRING, plunger locking	
9	-----	2	PLUG, expansion, plunger nut (3/16" diam.)	
10	-----	1	ADAPTER, knob	
11	-----	1	PIN, groove, 1/16" x 3/4"	
12	5152674	1	KNOB	
13	5151920	1	BODY	
14	911049	1	NUT, hex, jam, 5/8"NF	
15	5153357	1	VALVE ASSEMBLY, inlet check (Serviced only as a unit)	
16	5153358	1	VALVE ASSEMBLY, outlet check (Serviced only as a unit)	
17	066516	1	ADAPTER, outlet check valve	
18	5151910	1	WASHER, outlet check valve to pump body	
19	913037	1	CONNECTOR, flared, 3/16" tube, 1/8"NPT female	

NOTE: Items listed without part number are no longer available for service and replacement of the complete pump assembly is recommended.



PUMP ASSEMBLY 066782

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	066877	1	PISTON ASSEMBLY (Serviced only as a unit)	
2	066878	2	RING, plunger packing (rubber)	
3	066873	1	WASHER, mounting	
4	066872	1	NUT, mounting	
5	-----	1	BARREL ASSEMBLY (Not serviced. Order complete PUMP ASSEMBLY 066782)	
6	066876	2	BALL, check valve (5/32" diam.)	
7	066875	2	SPRING, check valve	
8	066874	2	RETAINER, check valve	



ENGINE CONTROLS

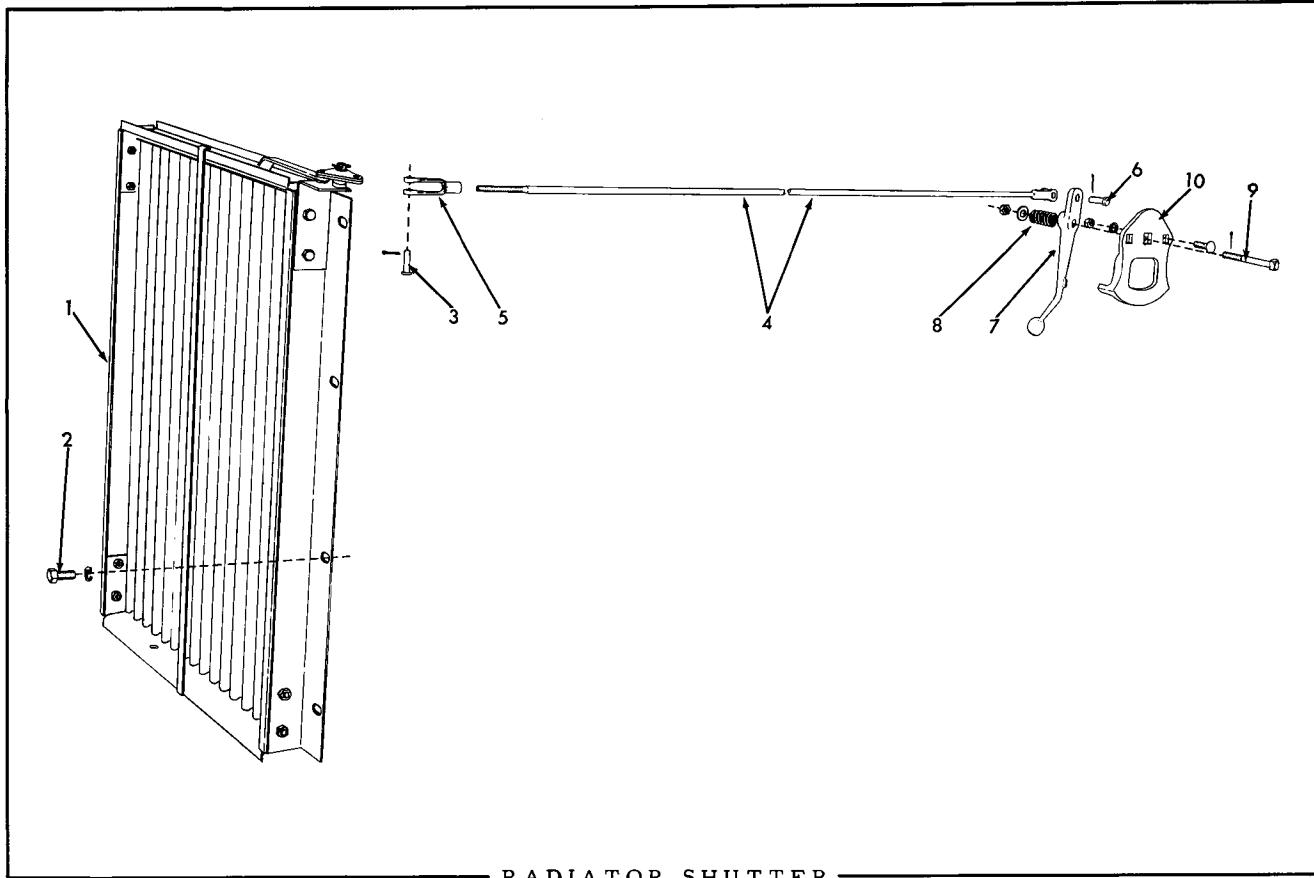
ENGINE CONTROLS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041200	1	BRACKET, throttle operating lever	
2	036034	4	CAPSCREW, 3/8"NF x 1"	
	904206	4	LOCKWASHER, 3/8"	
	911041	4	NUT, 3/8"NF	
3	041199	1	LEVER, throttle operating	
4	052591	1	GRIP, throttle operating lever	
5	040512	1	SHAFT, throttle operating lever	
	900805	2	PIN, cotter, 1/8" x 3/4"	
6	041579	1	ROD, throttle control, rear	
	911041	1	NUT, 3/8"NF	
7	033056	2	YOKES, throttle control rods	
8	033069	3	PIN, throttle control rods	
	900942	3	PIN, cotter, 3/32" x 5/8"	
9	040517	2	LEVER, intermediate, throttle control	
10	037450	2	CAPSCREW, 5/16"NC x 1-1/4"	
	904205	2	LOCKWASHER, 5/16"	
11	041571	1	SHAFT, throttle control	
	905121	2	KEY, #5 woodruff, 1/8" x 5/8"	
12	071798	2	PLATE, pressure, throttle control	
13	044244	1	SPRING, throttle control pressure plate	
14	071808	2	DISC, friction, throttle control (fibre)	
15	071799	1	COVER ASSEMBLY, throttle control, left (Includes item 19)	
16	036032	4	CAPSCREW, 3/8"NF x 3/4"	
17	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	6	LOCKWASHER, 3/8"	
	911041	6	NUT, 3/8"NF	
18	072369	1	COVER ASSEMBLY, throttle control, right (Includes item 19)	
	901651	1	PLUG, pipe, 1/8"NPT	
19	071800	2	BUSHING, throttle control cover	
20	071995	1	BRACKET, throttle control	
21	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
22	038515	1	BRACKET, throttle control shaft	
23	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
24	041575	1	ROD, throttle control, front	
	911041	1	NUT, 3/8"NF	
25	033067	2	PIN, throttle and fuel shut-off	
	904001	2	PIN, cotter, 3/32" x 1/2"	
			NOTE: Items 26 and 27 became effective on tractor serial No. 662 but may be installed on prior units also.	
26	044245	1	SPRING, retracting, throttle control rod	
27	044242	1	CLIP, control rod retracting spring	
28	206456	1	BALL, engine shut-off	

(Continued)

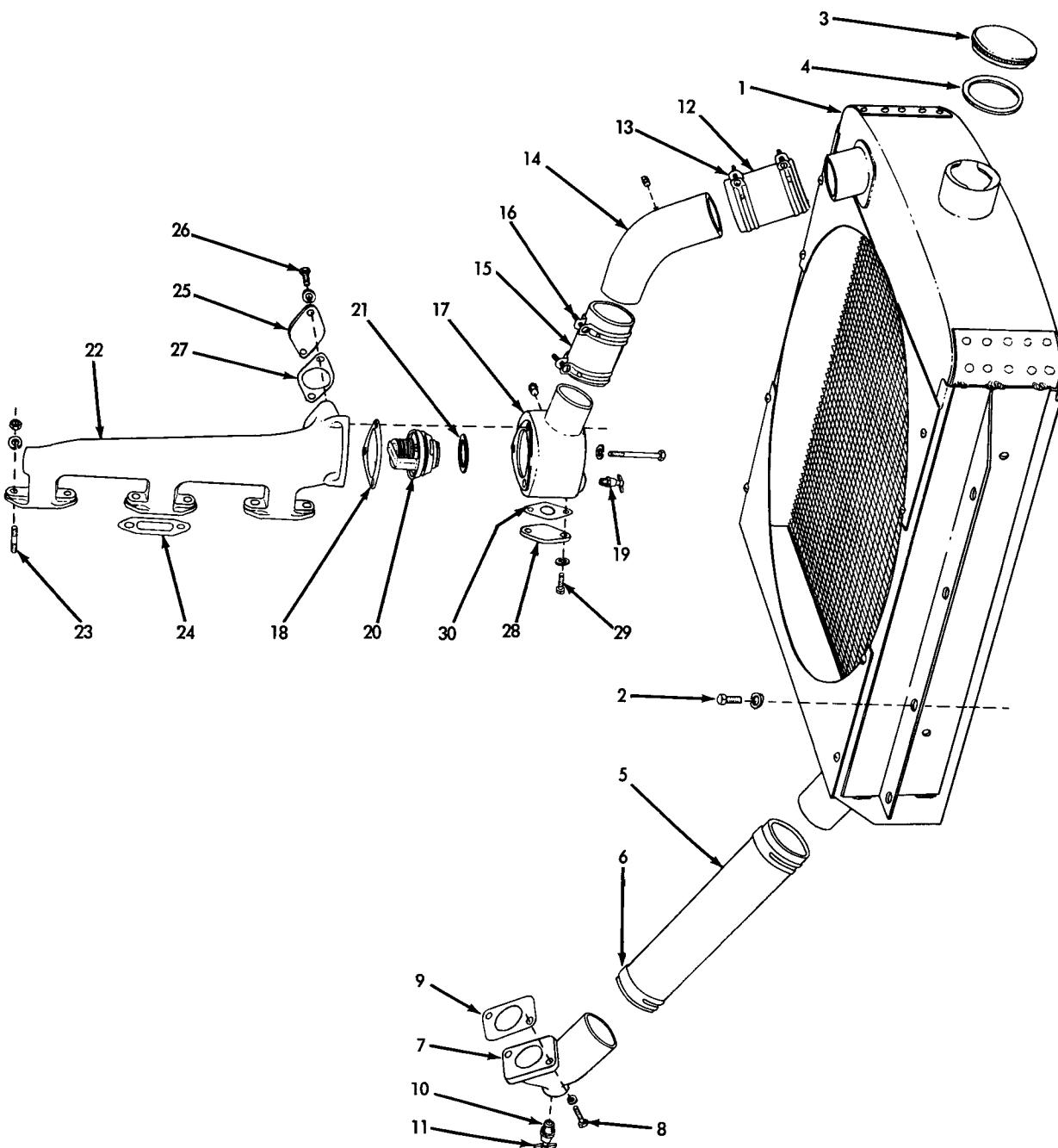
ENGINE CONTROLS (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
NOTE: Items 29 thru 33 comprise the EARLY TYPE SHUT-OFF CONTROL as used on tractors prior to serial No. 403.				
29	041576	1	BRACKET, engine shut-off	
30	012992	2	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
31	028980	1	SPRING, engine shut-off locking ball	
32	040513	1	ROD, engine shut-off knob	
	905361	1	BALL, steel, 7/16" diam.	
33	041578	1	ROD, engine shut-off, rear	
	911041	1	NUT, 3/8"NF	
34	{ 042894	1	ROD, engine shut-off, rear (1-5/8" offset)(Tractors #403 thru #2602)	
	048105	1	ROD, engine shut-off, rear (2-1/4" offset)(Tractors #2603 and up)	
35	040519	1	LEVER, intermediate, engine shut-off	
36	033069	2	PIN, engine shut-off rods	
	900942	2	PIN, cotter, 3/32" x 5/8"	
37	041570	1	ROD, engine shut-off, front	
	911026	1	NUT, 3/8"NC	
38	{ 040154	1	LEVER ASSEMBLY, swivel, engine shut-off (Includes PIN)(Used on tractors prior to #13471)	
	054821	1	LEVER ASSEMBLY, swivel, engine shut-off (Includes PIN)(Used on tractors #13471 and up)	
	910244	1	WASHER, plain, SAE std., 1/2"	
	900802	1	PIN, cotter, 3/32" x 1"	
39	054819	1	BALL, fuel shut-off rod (Used on tractors #13471 and up)	
40	{ 041573	1	ROD, engine fuel shut-off (8-1/4" long)(Tractors prior to #403)	
	042892	1	ROD, engine fuel shut-off (8-3/4" long)(Tractors #403 thru #13470)	
	054823	1	ROD, engine fuel shut-off (8-3/4" long)(Tractors #13471 and up)	
	913636	2	NUT, 5/16"NF	
	904205	1	LOCKWASHER, 5/16"	
41	070385	1	SPRING, fuel shut-off rod	
42	{ 040161	1	SHAFT, air shut-off valve (Used on tractors prior to #403)	
	042946	1	SHAFT, air shut-off valve (Used on tractors #403 and up)	
43	{ 040157	1	LEVER, air shut-off valve (Used on tractors prior to #403)	
	042948	1	LEVER, air shut-off valve (Used on tractors #403 and up)	
	905360	1	BALL, steel, 3/8" diam.	
44	U-3188	1	CAPSCREW, 3/8"NF x 1-1/2"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
45	014704	1	SPRING, lever locking ball (Used on tractors #402 and up)	
46	043460	1	SLEEVE, lever locking ball (Used on tractors #402 and up)	
47	040302	1	SEAL, air shut-off valve shaft	
48	040164	1	VALVE, air shut-off	
49	040162	3	SCREW (fil-hd., #10-24NC x 1/2")	
50	040163	1	WIRE, locking (1/32" x 7")	



RADIATOR SHUTTER

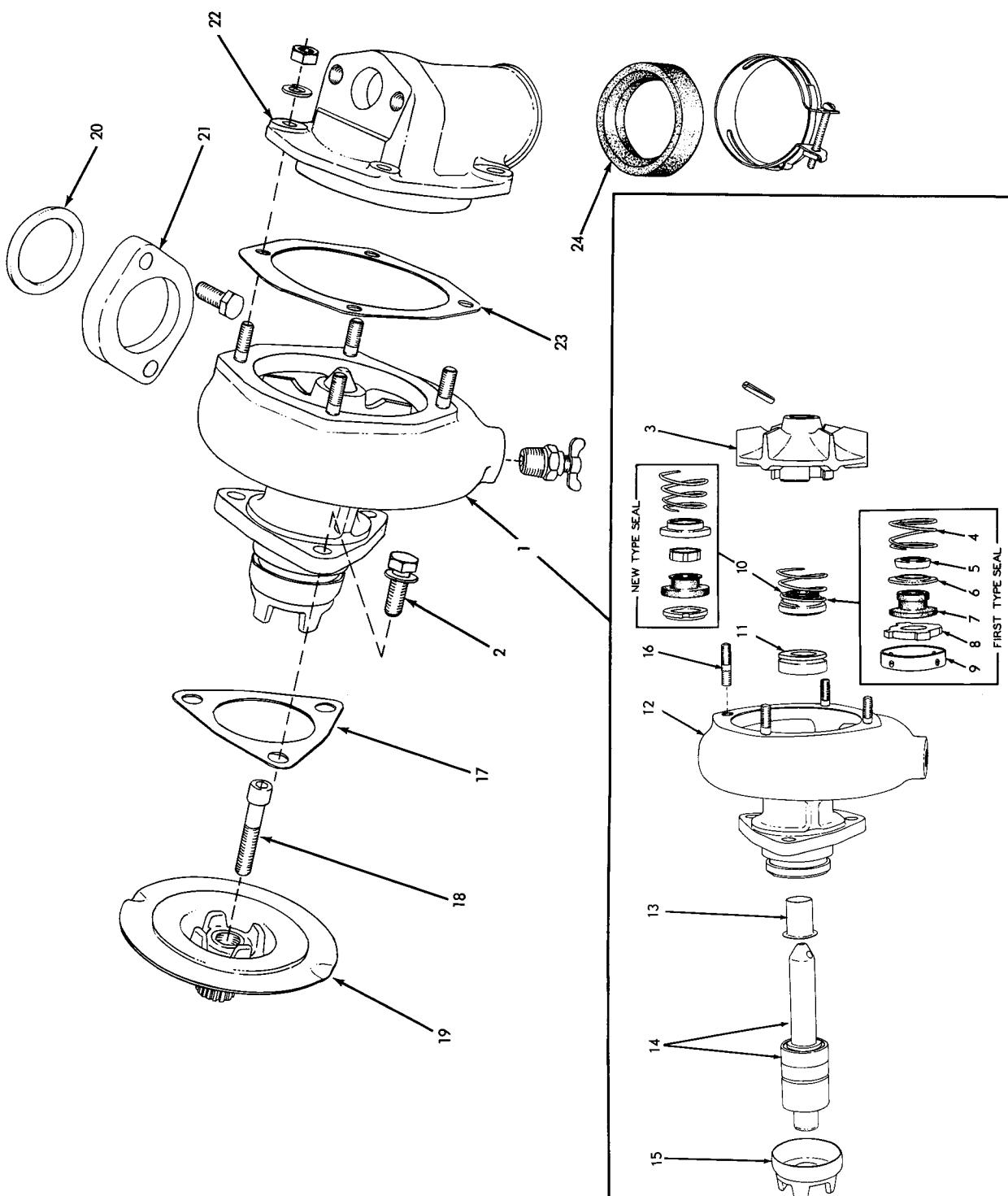
PART ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041638	1	SHUTTER ASSEMBLY, radiator (Serviced only as a unit)	
2	036032	8	CAPSCREW, 3/8"NF x 3/4"	
	904206	8	LOCKWASHER, 3/8"	
3	033067	1	PIN, control rod yoke, front	
	904001	1	PIN, cotter, 3/32" x 1/2"	
4	043327	1	ROD, control (When making first replacement on tractors prior to #403 also furnish 1 YOKE 042676)	
5	{ 033056 911041	1	YOKE, control rod (3/8"NF)(Used on tractors prior to #403) NUT, 3/8"NF	
	042676	1	YOKE, control rod (5/16"NF)(Used on tractors #403 and up)	
6	033069	1	PIN, control rod yoke, rear	
	900942	1	PIN, cotter, 3/32" x 5/8"	
7	040702	1	LEVER, operating	
8	040704	1	SPRING, operating lever	
9	040705	1	BOLT, operating lever (sq-hd., 3/8"NC x 3")	
	911115	1	WASHER, plain, SAE std., 3/8"	
	911026	1	NUT, 3/8"NC	
	900942	1	PIN, cotter, 3/32" x 5/8"	
10	040701	1	BRACKET, lever mounting	
	910443	2	BOLT, carriage, 3/8" x 1-1/2" (Tractors prior to #5603)	
	913997	2	BOLT, carriage, 3/8" x 1" (Tractors #5603 and up)	
	904206	2	LOCKWASHER, 3/8"	
	911026	2	NUT, 3/8"NC	
11	-----	1	SPACER, lever mounting bracket (Used on tractors prior to #5603. Not serviced since is unnecessary. Not illustrated)	



RADIATOR AND WATER MANIFOLD

RADIATOR AND WATER MANIFOLD

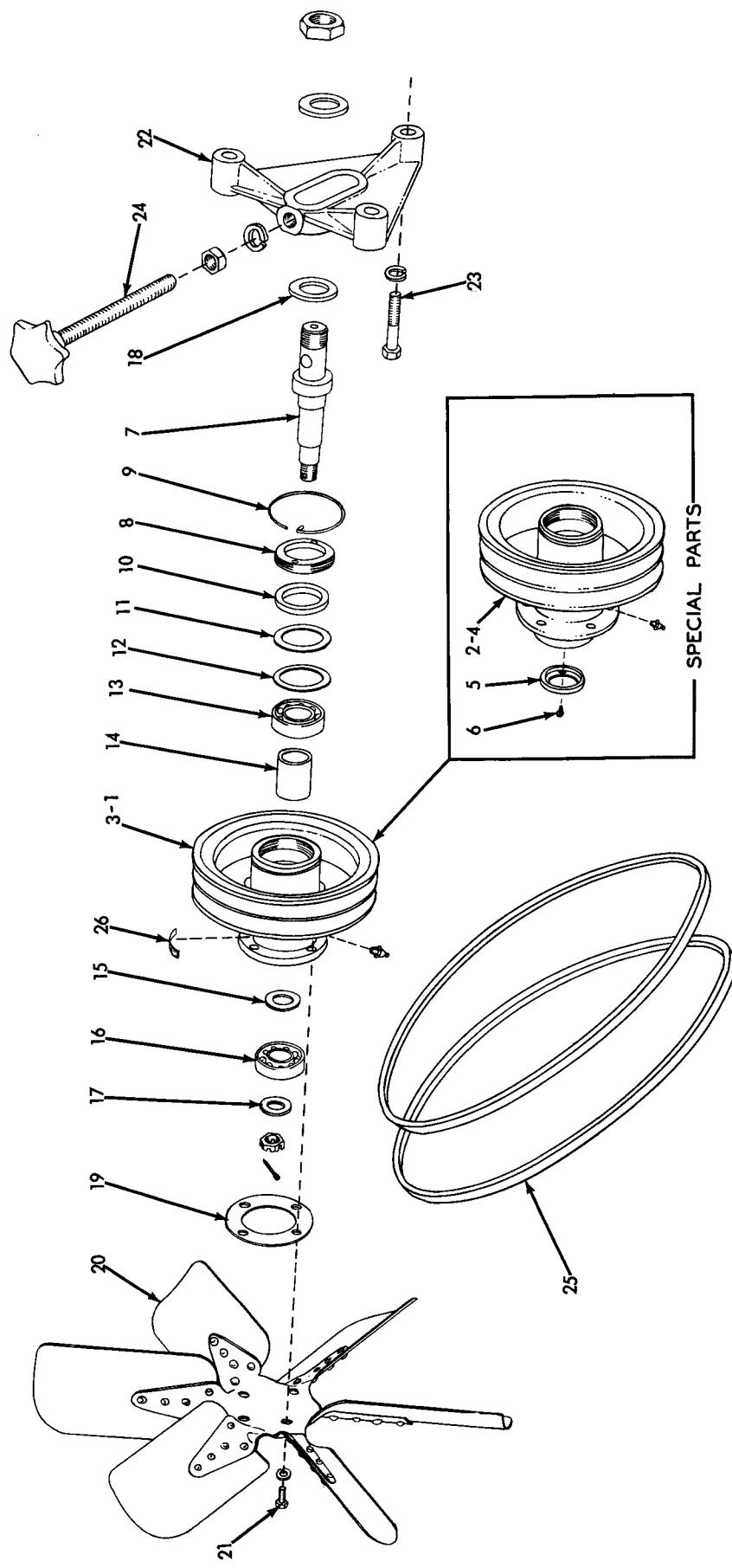
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 042759 061283	1 1	RADIATOR (3 rows of tubes. Includes item 3)(Standard equipment) RADIATOR (4 rows of tubes. Includes item 3)(Special equipment. For use in hot climates)	
2	036032 904206	8 8	CAPSCREW, 3/8"NF x 3/4" LOCKWASHER, 3/8"	
3	074263	1	CAP ASSEMBLY, radiator (Includes item 4)	
4	208065	1	GASKET, radiator cap	
5	040147	1	HOSE, radiator outlet (2-1/4 I. D. x 11-3/4" long)	
6	051819	2	CLAMP, hose, adjustable, 1-7/8" to 2-3/4" diam.	
7	040148	1	CONNECTION, oil cooler water	
8	045295 904205	2 2	CAPSCREW, 5/16"NC x 1" LOCKWASHER, 5/16"	
9	040149	1	GASKET, oil cooler water connection	058034 074688
10	U-1671	1	COCK, drain, 3/8"NPT (Includes item 11)	
II	209359	1	HANDLE, drain cock	
12	040144	1	HOSE, inlet elbow to radiator (2-1/4" I. D. x 3-1/2" long)	
13	051819	2	CLAMP, hose, adjustable, 1-7/8" to 2-3/4" diam.	
14	040145 901652	1 1	ELBOW, radiator inlet PLUG, pipe, 1/4"NPT (Used on tractors #16630 and up)	
15	041641	1	HOSE, thermostat housing to elbow (2" I. D. x 2-3/4" long)	
16	051819	2	CLAMP, hose, adjustable, 1-7/8" to 2-3/4" diam.	
17	{ 3224176 905665 913025 904205	1 2 1 3	HOUSING, thermostat (Used on tractors prior to #907) CAPSCREW, 5/16"NC x 2-1/4" CAPSCREW, 5/16"NC x 3-1/4" LOCKWASHER, 5/16"	
	{ 5157160 901652 913025 904205	1 1 3 3	HOUSING, thermostat (Used on tractors #907 and up) PLUG, pipe, 1/4"NPT (Used on early units only) CAPSCREW, 5/16"NC x 3-1/4" LOCKWASHER, 5/16"	
18	3222489	1	GASKET, thermostat housing	058034 074688
19	223255	1	VALVE ASSEMBLY, drain, thermostat housing (Serviced only as a unit)(Used on engines #371-6926 and up)	
20	{ 040276 044873	1 1	THERMOSTAT, water outlet manifold (Used on tractors prior to #907) THERMOSTAT, water outlet manifold (Used on tractors #907 and up)	
21	044872	1	GASKET, thermostat (Used on tractors #907 and up)	058034 074688
22	3222767	1	MANIFOLD, water outlet	
23	5150362 904206 911041	6 6 6	STUD (3/8"NC x 3/8"NF x 1-11/16") LOCKWASHER, 3/8" NUT, 3/8"NF	
24	5150361	3	GASKET, water outlet manifold	058034, 35, 36 074688 5193116
25	3222484	1	COVER, water outlet manifold (Used on engines prior to #371-29836)	
26	045312 904205	2 2	CAPSCREW, 5/16"NC x 3/4" LOCKWASHER, 5/16"	
27	3222555	1	GASKET, manifold cover (Used on engines prior to #371-29836). . .	058034, 35, 36 074688
28	5155815	1	COVER, thermostat housing (Used on engines #371-29836 and up)	
29	045312 904205	2 2	CAPSCREW, 5/16"NC x 3/4" LOCKWASHER, 5/16"	
30	5155816	1	GASKET, thermostat housing cover (Used on engines #371-29836 and up)	074688



WATER PUMP

WATER PUMP

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	5159060	1	PUMP ASSEMBLY, water (Consists of items 3 thru 16)(Order PUMP KIT 065650)	065650
2	915433	1	COCK, drain, T-handle, 1/4"NPT	
2	5171159	3	BOLT ASSEMBLY (Includes copper WASHER)	
3	{ 5172820	1	IMPELLER ASSEMBLY (Consists of IMPELLER 5172819 and items 4 thru 9)	
3	5172819	1	IMPELLER only	
	914836	1	PIN, groove, 3/16" x 7/8" (Started with engine #371-24970) . . . 5193239	
			NOTE: Items 4 thru 9 comprise the FIRST TYPE SEAL used on all engines as original equipment and optionally on service replacement units.	
4	-----	1	SPRING (Order SEAL KIT 5193239)	5193239
5	-----	1	RING, seal clamping (Order SEAL KIT 5193239)	5193239
6	-----	1	GUIDE, seal spring (Order SEAL KIT 5193239)	5193239
7	-----	1	SEAL, impeller (neoprene)(Order SEAL KIT 5193239)	5193239
8	-----	1	WASHER, friction (carbon)(Order SEAL KIT 5193239)	5193239
9	-----	1	CUP, seal retaining (Order SEAL KIT 5193239)	5193239
10	5186571	1	SEAL ASSEMBLY (Serviced only as a unit)(Used as optional equipment on service replacement pumps. Also see items 4 thru 9)	
11	5186572	1	INSERT, pump body	
12	5186574	1	BODY ASSEMBLY (Includes items 11 and 16)	
13	059538	1	SLINGER, pump shaft	
14	5186493	1	BEARING ASSEMBLY (Includes SHAFT, and item 13)	
15	5153682	1	COUPLING, pump shaft	
16	5150182	4	STUD, pump body cover (1/4"NC x 1/4"NF x 1-1/16")	
	904204	4	LOCKWASHER, 1/4"	
	911040	4	NUT, 1/4"NC	
17	5150193	1	GASKET, pump to blower	058034 065650 074688 5193239
18	{ 913256	1	SETSCREW, socket-hd., 3/8"NC x 5/8" (Used on engines prior to #371-25834)	
	5172976	1	SETSCREW, pump coupling (socket-hd., taper point, 7/16"NC x 1-1/16") (Used on engines #371-25834 thru #3A-5084)	
	069004	1	CAPSCREW, pump coupling (socket-hd., 5/16"NC x 1-1/2") (Used on engines #3A-5085 and up)	5192821
19	5179605	1	COUPLING, pump drive (When making first replacement on engines prior to #3A-5085 use COUPLING KIT 5192821)	5192821
20	5150191	1	PACKING, pump outlet	058034 065650 074688 5193239
21	5150192	1	FLANGE, pump outlet packing	
	905662	2	CAPSCREW, 5/16"NC x 1-1/8"	
22	{ 5150187	1	COVER, pump body (Engines prior to #371-29836)	
	904260	1	PLUG, pipe, ctsk-hd., 3/8"NPT	
	5174857	1	COVER, pump body (Engines #371-29836 and up)	
23	5150188	1	GASKET, body cover	058034 065650 074688 5193239
24	5153560	1	SEAL, pump to oil cooler	058034 065650 074688
	915000	1	CLAMP, hose, 2-1/8" diam.	



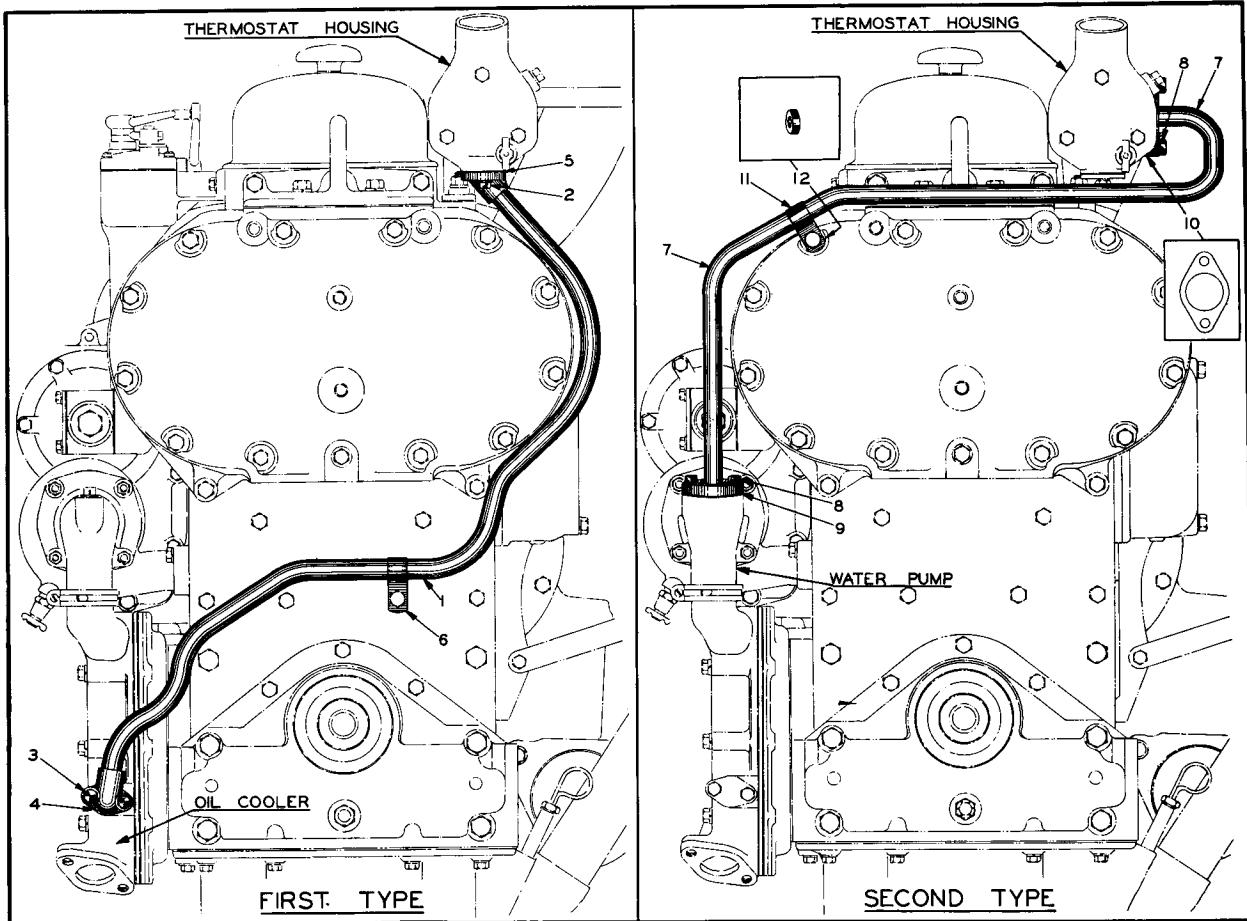
FAN

* Suction Type. Standard Equipment.

** Push Type. Special Equipment. See NOTE below

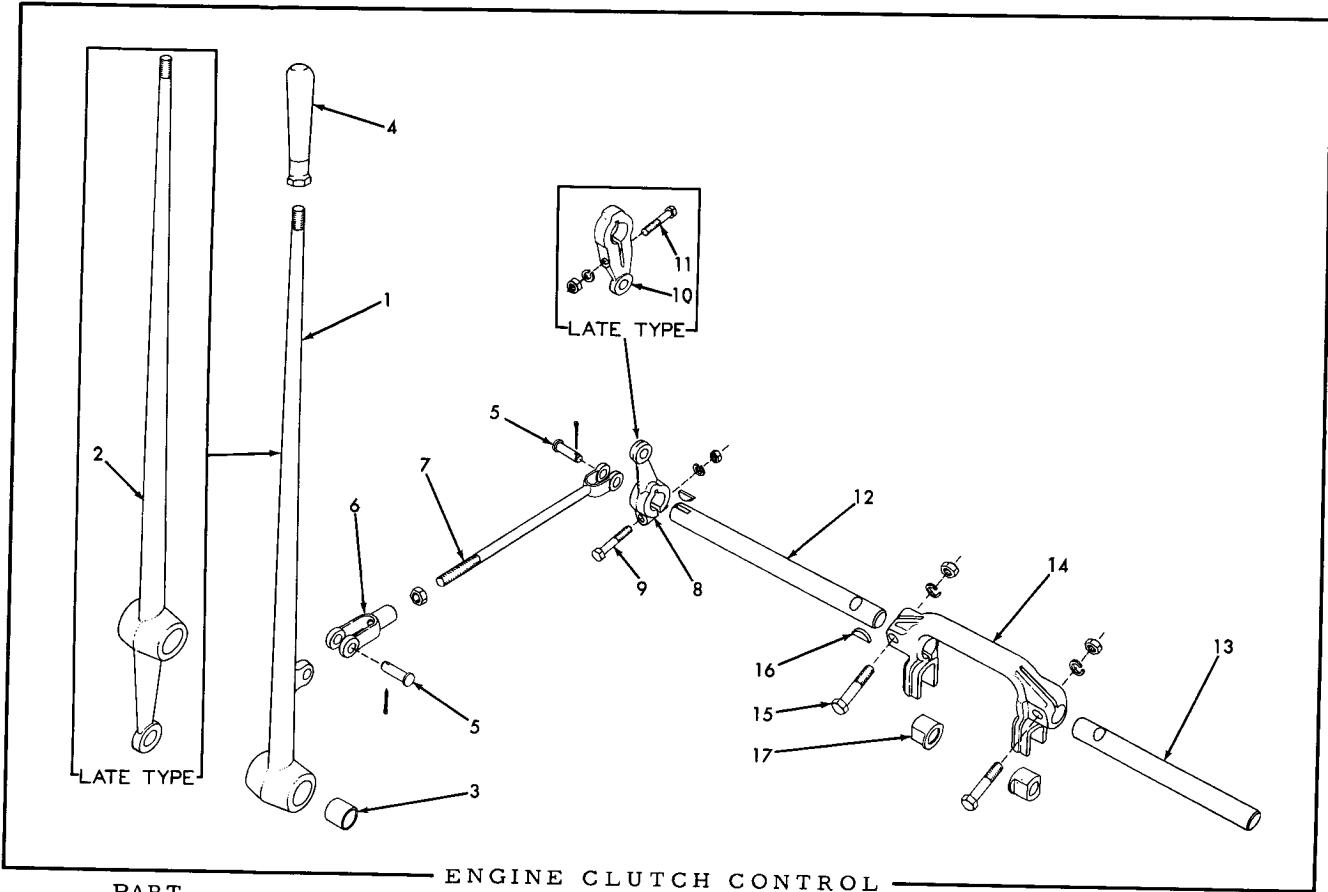
ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	044467	1	- HUB ASSEMBLY (Consists of items 3, 7 thru 19, and 21)	
2	044869	-	1 HUB ASSEMBLY (Consists of items 4 thru 17)	044543
3	040086	1	- PULLEY	
	915273	1	- FITTING, lubricating, 30°, 1/8"NPT	
4	044864	-	1 PULLEY	
	915273	-	1 FITTING, lubricating, 30°, 1/8"NPT	
5	042624	-	1 CAP, fan pulley	
6	042622	-	1 SCREW, locking	
7	040087	1	1 SPINDLE	
	911051	1	1 NUT, jam, 1" NF	
	912840	1	1 NUT, slotted, 5/8"NF	
	900802	1	1 PIN, cotter, 3/32" x 1"	
8	040093	1	1 RETAINER, spindle sealing washer	
9	040094	1	1 RING, locking, sealing washer retainer	
10	040095	1	1 WASHER, sealing (cork)	058034
11	040096	1	1 WASHER, spindle seal (steel)	074688
12	040097	1	1 GASKET, spindle washer	058034
13	042986	1	1 BEARING, ball, fan spindle, rear	074688
14	040098	1	1 SPACER, spindle bearings	
15	040099	1	1 WASHER, spindle front bearing	
16	042979	1	1 BEARING, ball, fan spindle, front	
17	040089	1	1 WASHER, end, fan spindle	
18	040088	2	2 WASHER, spindle mounting	
19	040100	1	- GASKET, fan	058034
	042758	1	- FAN (For normal climate. 2-1/2" deep)	074688
20	{ 054342	1	- FAN (For hot climate. 3" deep)	
	{ 044865	-	1 FAN (Special. Provides reverse flow of air)	044543
21	045312	4	6 CAPSCREW, 5/16"NC x 3/4"	044543
	904205	4	6 LOCKWASHER, 5/16"	044543
22	040085	1	1 BRACKET, spindle mounting	
23	035712	3	3 CAPSCREW, 1/2"NC x 2-1/4"	
	904208	3	3 LOCKWASHER, 1/2"	
24	040090	1	1 SCREW ASSEMBLY, fan belt adjusting (Includes KNOB)	
	911043	1	1 NUT, 1/2"NF	
	904208	1	1 LOCKWASHER, 1/2"	
25	602944	2	2 BELT, fan	
26	-----	1	1 TRANSFER, lubrication (See PAINTING AND MARKING)	

NOTE: Tractors equipped with the standard suction fan may be changed to use the push-type (reverse flow) fan by ordering FAN KIT 044543.



WATER BY-PASS TUBE

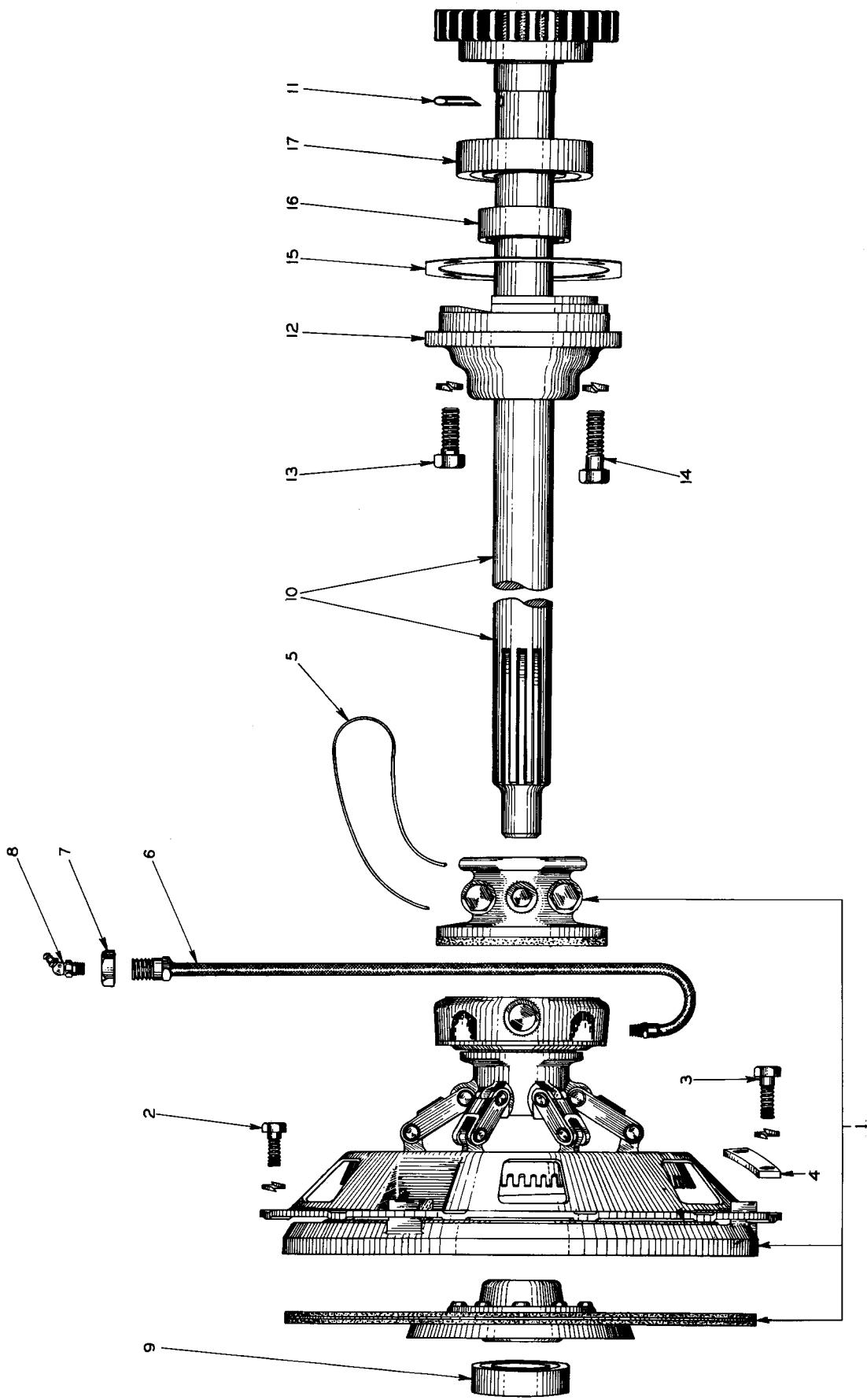
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
FIRST TYPE - Used on engines prior to serial No. 371-29836.				
1	5153238	1	TUBE, thermostat housing to oil cooler	
2	045295	2	CAPSCREW, 5/16"NC x 1"	
3	046321	2	CAPSCREW, 5/16"NC x 1-1/2"	
	904205	4	LOCKWASHER, 5/16"	
4	5151190	1	GASKET, lower	058034
5	064477	1	GASKET, upper.....	058034, 35, 36
6	5151189	1	CLIP, supporting	
SECOND TYPE - Used on engines serial No. 371-29836 and up.				
7	5174820	1	TUBE, thermostat housing to water pump	
8	045295	4	CAPSCREW, 5/16"NC x 1"	
	904205	4	LOCKWASHER, 5/16"	
9	5150144	1	GASKET, tube to water pump	058034 074688
10	3222555	1	GASKET, tube to thermostat housing	058034
11	5151189	1	CLIP, supporting	
12	5157412	1	SPACER, supporting clip (1/4" thick)	



ENGINE CLUTCH CONTROL

PART ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041691	1	LEVER ASSEMBLY, operating (Includes item 3)(Tractors prior to #11151)	
2	052324	1	LEVER ASSEMBLY, operating (Includes item 3)(Tractors #11151 and up)	
3	034514	2	BUSHING, operating lever	
4	052591	1	GRIP, operating lever	
5	033072 910967	2	PIN, control rod yoke PIN, cotter, 1/8" x 7/8"	
6	068389	1	YODE, control rod	
7	037443 911043	1	ROD, control NUT, 1/2"NF	
8	038516	1	LEVER, shifting yoke shaft (Used on tractors prior to #11151)	
9	046419 904206 911041	1	CAPSCREW, 3/8"NF x 2" LOCKWASHER, 3/8" NUT, 3/8"NF	
10	052323 046419 904206 911041	1	LEVER, shifting yoke shaft (Used on tractors #11151 and up) CAPSCREW, 3/8"NF x 2" LOCKWASHER, 3/8" NUT, 3/8"NF	
11	041689	1	SHAFT, shifting yoke, left	
12	040105	1	SHAFT, shifting yoke, right	
13	041180 035068 904208 911043	1	YOKE, shifting CAPSCREW, 1/2"NF x 2-1/4" LOCKWASHER, 1/2" NUT, 1/2"NF	
14	036997	2	KEY, #13 woodruff, 3/16" x 1", hardened	
15	040940	2	BLOCK, sliding, shifting yoke	

ENGINE CLUTCH

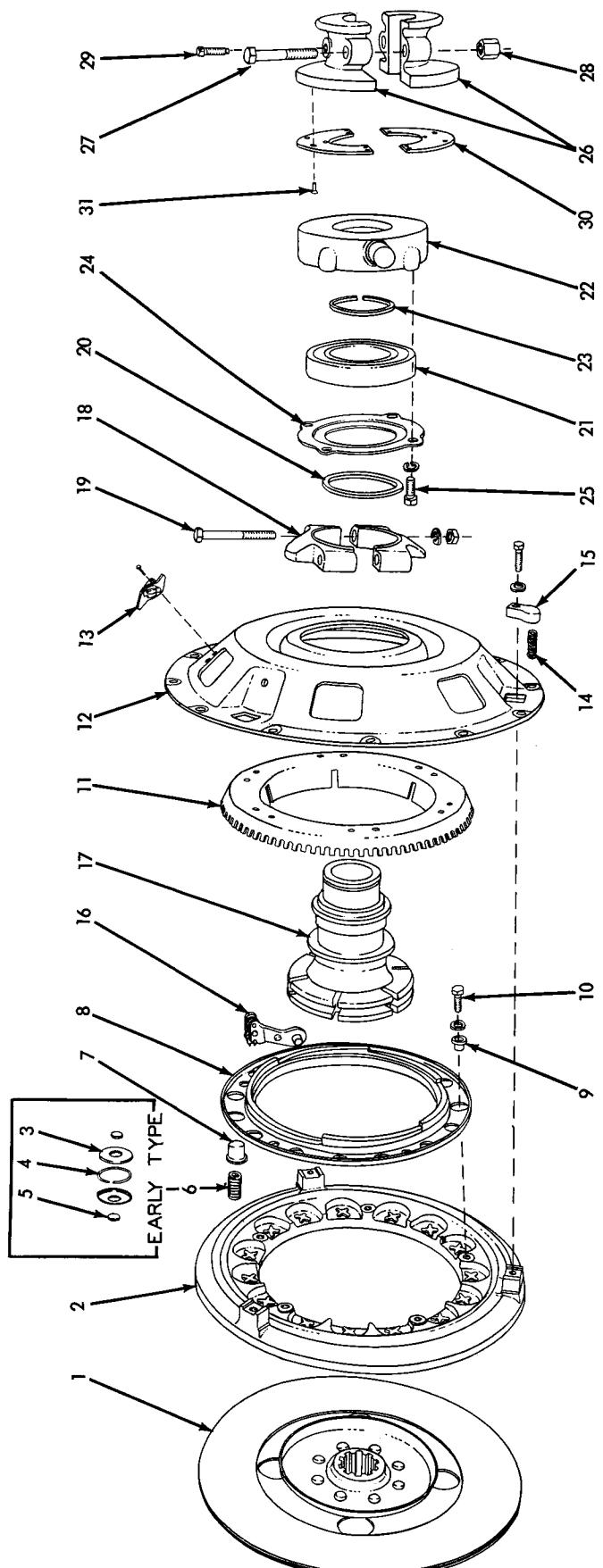


ENGINE CLUTCH

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ ----- 073855	1 1	CLUTCH ASSEMBLY (AUBURN type. See pages 99 and 101 for repair parts)(Original equipment. Order CLUTCH ASSEMBLY 073855) CLUTCH ASSEMBLY (ROCKFORD type. See page 103 for repair parts)(Used for service replacement only)	
2	035439	12	CAPSCREW, 3/8"NC x 1" (2 less used on tractors No. 11721* thru 12125)	
3	013058	2	CAPSCREW, 3/8"NC x 1-1/4" (Tractors No. 11721* thru 12125 only)	054982
	904206	12	LOCKWASHER, 3/8"	
4	054985	1	WEIGHT, balancing (Tractors No. 11721* thru No. 12125 only)	054982
5	023633	1	WIRE, locking, brake setscrew (1/16" x 12")	
6	045496	1	HOSE, lubricating, shifting sleeve bearing	
7	911049	1	NUT, jam, 5/8"NF	
8	915274	1	FITTING, lubricating, 45°, 1/8"NPT	
9	211013	1	BEARING, ball, clutch shaft, front	
10	{ 044196 047636 054433	1 1 1	SHAFT AND GEAR (27 teeth)(Used on tractors prior to #2603. When making first replacement on tractors prior to #549 also furnish 1 CAGE 054432 and 1 SEAL 044120) SHAFT AND GEAR (28 teeth)(Standard on tractors #2603 thru #12345) SHAFT AND GEAR (25 teeth)(Standard on tractors #12345 and up)	
11	047645	1	SCOOP, oil, clutch shaft	
12	054432	1	CAGE, clutch shaft rear bearing (When making first replacement on tractors prior to #549 also furnish 1 SHAFT AND GEAR 044196 and 1 SEAL 044120)	
13	035733 904208	3 3	CAPSCREW, 1/2"NC x 1-3/8" LOCKWASHER, 1/2"	
14	035236 904208	1 1	CAPSCREW, 1/2"NC x 1-3/4" LOCKWASHER, 1/2"	
15	035185	1	GASKET, rear bearing cage	
16	{ 032784 044120	1 1	SEAL, oil, rear bearing (1/2" wide)(Tractors prior to #549) SEAL, oil, rear bearing (7/8" wide)(Tractors #549 and up)	
17	U-2604	1	BEARING, ball, clutch shaft, rear	

*Including tractors serial Nos. 11050, 11691, 11695, 11699, 11700, 11715, 11716, 11718 and 11719.

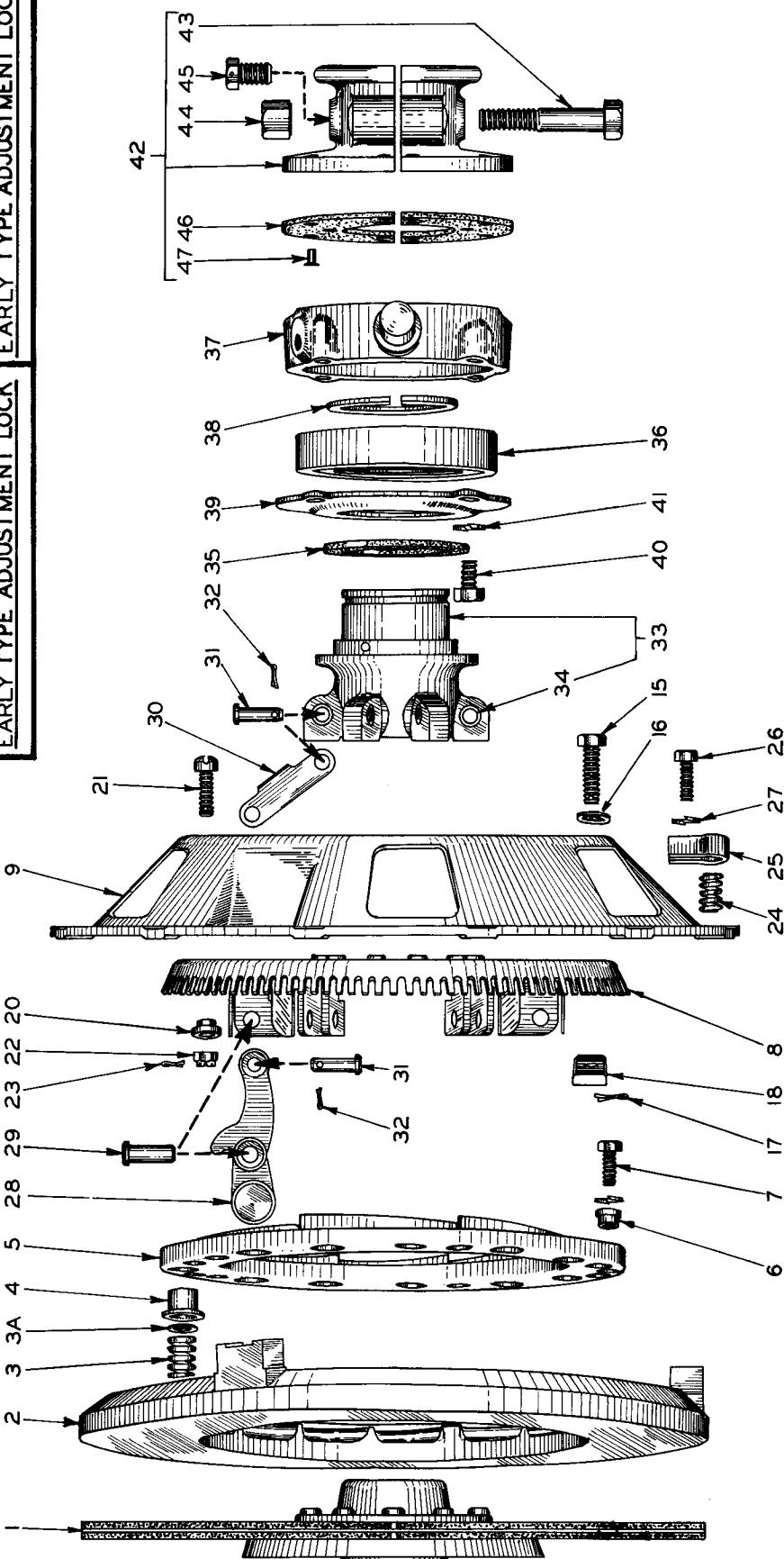
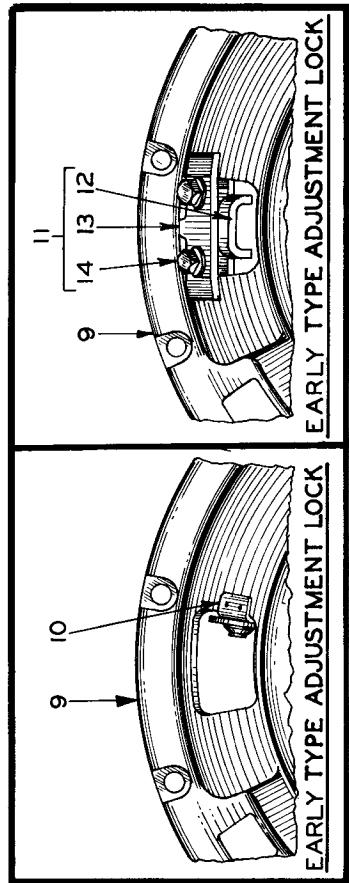
AUBURN CLUTCH PARTS (Early Type)



AUBURN CLUTCH PARTS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	042122	1	PLATE ASSEMBLY, drive (Includes FACINGS which are cemented in place and cannot be serviced separately)	
	042123	2	FACING, driving plate (Facings are now cemented to the drive plate and will no longer be serviced after available stock is exhausted)	
	042660	36	RIVET, tubular, brass, fl-hd., 9/64" x 5/16"	
2	042124	1	PLATE, pressure	
NOTE: Items 3 thru 5 comprise the EARLY TYPE PRESSURE SPRING ARRANGEMENT as used on tractors prior to serial No. 781. Can be replaced with later type parts by ordering CHANGEOVER KIT 047237.				
3	042125	24	WASHER, spring, pressure plate	
4	042214	12	RING, spacing, pressure plate spring washer	
5	042126	24	BUTTON, pressure plate spring washer	
6	044752	15	SPRING, pressure (Used on tractors #781 and up)	047237
7	044753	15	CUP, pressure spring (Used on tractors #781 and up)	047237
8	044750	1	RING, pressure (When making first replacement on tractors prior to #781 also furnish 15 SPRINGS 044752 and 15 CUPS 044753)	047237
9	042128	5	SPACER, pressure ring capscrews	
10	045312	5	CAPSCREW, 5/16"NC x 3/4"	
	904205	5	LOCKWASHER, 5/16"	
11	042135	1	RING ASSEMBLY, adjusting (Includes 6 wear PLATES)	
12	055041	1	PLATE, back (When making first replacement also furnish CHANGEOVER KIT 054982 to assure fit)	
13	-----	1	LOCK ASSEMBLY, adjusting ring (Riveted to back plate. Not serviced. Order CHANGEOVER KIT 054982)	
14	042130	3	SPRING, pressure plate retracting	
15	042129	3	RETAINER, pressure plate retracting spring	
	903771	3	CAPSCREW, 5/16"NC x 7/8"	
	904205	3	LOCKWASHER, 5/16"	
16	043381	6	LEVER ASSEMBLY, actuating (Includes ROLLERS and PINS. Serviced only as a unit)	047237
17	047238	1	SLEEVE ASSEMBLY, shifting (Includes BUSHING which is not serviced separately)(When making first replacement on tractors #781 thru #822 also furnish 1 CLAMP 047239, 2 CAPSCREWS 042265, 2 NUTS 911041 and 2 LOCKWASHERS 904206. When required for tractors prior to #781 order CHANGEOVER KIT 047237 instead.	047237
18	047239	1	CLAMP, stop, shifting sleeve (2 halves)(Used on tractors #823 and up).	047237
19	042265	2	CAPSCREW, 3/8"NF x 3-1/4"	047237
	904206	2	LOCKWASHER, 3/8"	047237
	911041	2	NUT, 3/8"NF	047237
20	042141	1	RING, sealing, shifting sleeve bearing (felt)	
21	042994	1	BEARING, ball, shifting sleeve	
22	042143	1	YOKES, shifting	
23	042144	1	RING, snap, shifting sleeve bearing	
24	042142	1	RETAINER, shifting sleeve bearing	
25	035979	4	CAPSCREW, 3/8"NF x 5/8"	
	904206	4	LOCKWASHER, 3/8"	
26	042145	1	BRAKE ASSEMBLY, clutch shaft (Includes items 27 thru 31)	
27	035278	2	CAPSCREW, 1/2"NF x 2-3/4"	
28	038234	2	NUT, high, 1/2"NF	
29	042406	1	SETSCREW (drilled head, 1/2"NC x 23/32")	
30	042146	2	FACING, shaft brake (half only)	
31	042660	14	RIVET, tubular, brass, fl-hd., 9/64" x 5/16"	

AUBURN CLUTCH PARTS (Late Type)



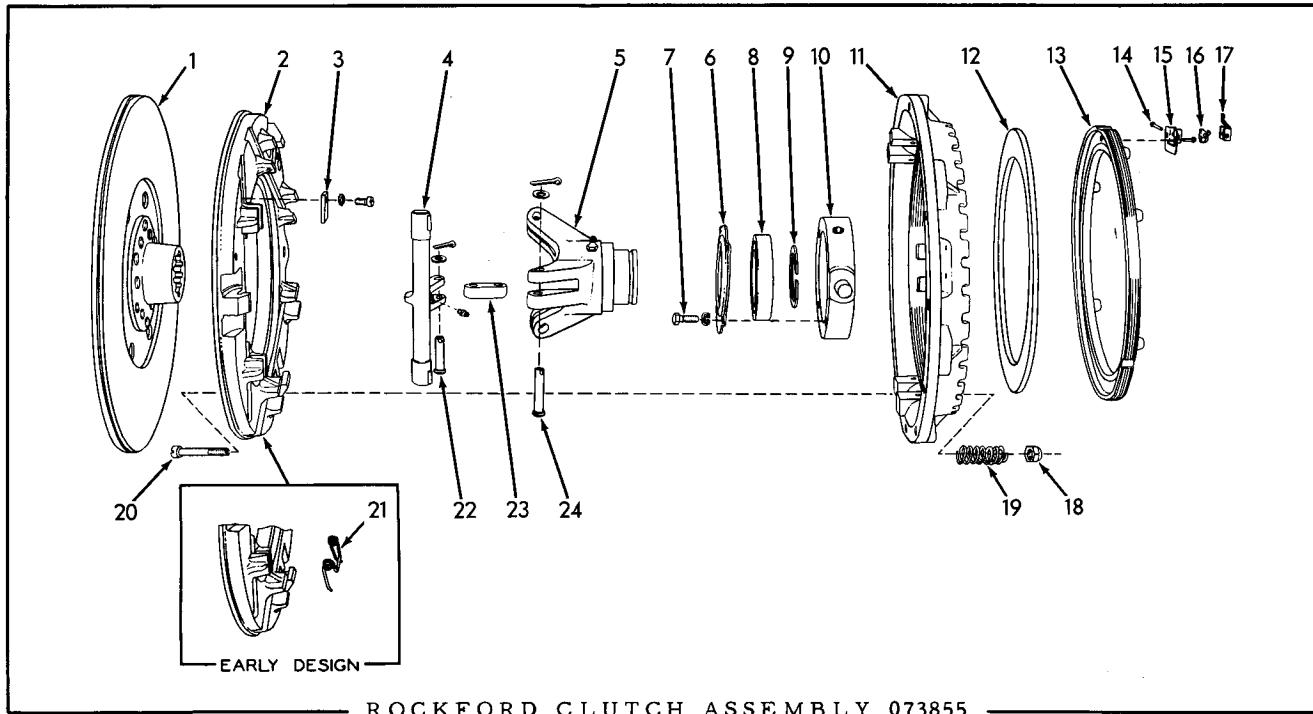
AUBURN CLUTCH PARTS

* Tractors serial No. 1353 thru 11721, except Nos. 11050,
11691, 11695, 11699, 11700, 11715, 11716, 11718 and 11719.
** Tractors serial No. 11721 thru 12125, including Nos. 11050,
11691, 11695, 11699, 11700, 11715, 11716, 11718 and 11719.
*** Tractors serial No. 12126 and up

ITEM	PART NUMBER	QUANTITY	*	**	***	DESCRIPTION	KIT NUMBER
1	{ 042122	1	1	1		PLATE ASSEMBLY, drive (Includes FACINGS which are cemented in place and cannot be serviced separately)	
	042123	2	2	2		FACING, drive plate (Facings are now cemented to the drive plate and will no longer be serviced after available stock is exhausted)	
	042660	36	36	36		RIVET, tubular, brass, fl-hd., 9/64" x 5/16"	
2	042124	1	1	1		PLATE, pressure	
3	078278	15	15	15		SPRING, pressure	
3A	912369	-	-	15		WASHER, spacing, pressure spring (1/32" thick)	
4	044753	15	15	15		CUP, pressure spring	
5	{ 044750	1	1	-		RING, pressure	
	055754	-	-	1		RING, pressure	
6	042128	5	5	5		SPACER, pressure ring capscrews	
7	045312	5	5	5		CAPSCREW, 5/16"NC x 3/4"	
	904205	5	5	5		LOCKWASHER, 5/16"	
8	{ 048168	1	1	-		RING ASSEMBLY, adjusting (Includes riveted wear PLATES and BRACKETS)	
	055755	-	-	1		RING ASSEMBLY, adjusting (Includes riveted wear PLATES, CLIPS and BRACKETS)	
	-----	1	-	-		PLATE, back (Not serviced. Order 1 PLATE 055043 and 1 CHANGEOVER KIT 054982)	
9	{ 055043	-	1	-		PLATE, back	
	055753	-	-	1		PLATE, back	
10	-----	1	-	-		LOCK ASSEMBLY, adjusting ring (Not serviced. Order CHANGEOVER KIT 054982)	
11	054983	-	1	-		LOCK ASSEMBLY, adjusting ring (Consists of items 12 thru 14)	054982
12	054984	-	1	-		PLATE, adjusting ring lock	
13	054986	-	1	-		CLAMP, adjusting ring lock	
14	{ 914663	-	2	-		CAPSCREW, 5/16"NF x 1-1/8"	
	904205	-	2	-		LOCKWASHER, 5/16"	
15	055760	-	-	1		SCREW, adjusting ring lock	
16	906960	-	-	1		LOCKWASHER, internal teeth, 3/8"	
17	900801	-	-	1		PIN, cotter, 3/32" x 3/4"	
18	055761	-	-	1		PLATE, adjusting ring lock	
20	055757	-	-	2		SPACER, guiding, adjusting ring	
21	055756	-	-	2		CAPSCREW (fil-hd., 5/16"NF x 1")	
22	913238	-	-	2		NUT, castle, 5/16"NF	
23	904001	-	-	2		PIN, cotter, 3/32" x 1/2"	
24	042130	3	3	3		SPRING, pressure plate retracting	
25	042129	3	3	3		RETAINER, pressure plate retracting spring	
26	{ 903771	3	3	-		CAPSCREW, 5/16"NC x 7/8"	
	074614	-	-	3		CAPSCREW, dog-pt., 5/16"NC x 1-1/16"	
27	904205	3	3	3		LOCKWASHER, 5/16"	

(Continued)

AUBURN CLUTCH PARTS (Continued)							
ITEM	PART NUMBER	QUANTITY	*	**	***	DESCRIPTION	KIT NUMBER
28	048172	6	6	-		LEVER, actuating (May be replaced in complete sets by LEVER 055758 and LINK 055759)	
	055758	-	-	6		LEVER, actuating	
29	048171	6	-	-		PIN, actuating lever (Used on early units only)	
	900805	6	-	-		PIN, cotter, 1/8" x 3/4"	
30	052354	6	6	6		PIN, actuating lever (Not drilled for cotter pin)	
	048174	12	12	-		LINK, actuating lever (May be replaced in complete sets by LINK 055759 and LEVER 055758)	
31	055759	-	-	6		LINK, actuating lever	
	048173	12	12	12		PIN, actuating lever link	
32	904001	12	12	12		PIN, cotter, 3/32" x 1/2"	
33	048175	1	1	1		SLEEVE ASSEMBLY, shifting (Includes item 34. Large bronze bushing is not serviced separately)	
34	048195	6	6	6		BUSHING, shifting sleeve (steel)	
35	042141	1	1	1		RING, sealing, shifting sleeve bearing (felt)	
36	042994	1	1	1		BEARING, ball, shifting sleeve	
37	042143	1	1	1		YOKE, shifting	
38	042144	1	1	1		RING, snap, shifting sleeve bearing	
39	042142	1	1	1		RETAINER, shifting sleeve bearing	
40	035979	4	4	4		CAPSCREW, 3/8"NF x 5/8"	
41	904206	4	4	4		LOCKWASHER, 3/8"	
42	042145	1	1	1		BRAKE ASSEMBLY, clutch shaft (Includes items 43 thru 47)	
43	035278	2	2	2		CAPSCREW, 1/2"NF x 2-3/4"	
44	038234	2	2	2		NUT, high, 1/2"NF	
45	042406	1	1	1		SETSCREW (drilled head, 1/2"NC x 23/32")	
46	042146	2	2	2		FACING, shaft brake (half only)	
47	042660	14	14	14		RIVET, tubular, brass, fl-hd. 9/64" x 5/16"	



ROCKFORD CLUTCH ASSEMBLY 073855

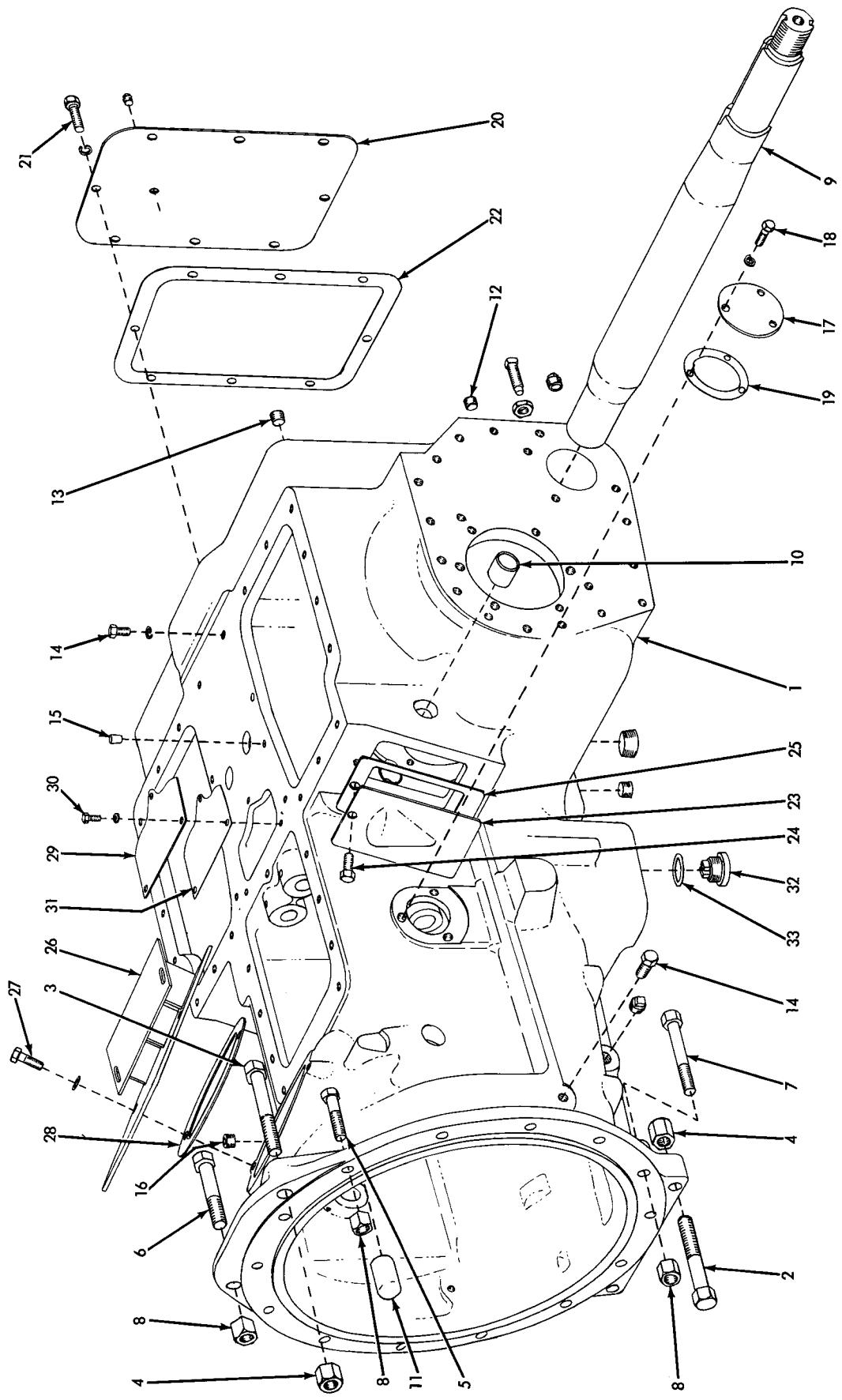
ROCKFORD CLUTCH ASSEMBLY 073855

USAGE: For service replacement only. Not used as original equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	073895	1	PLATE ASSEMBLY, driven (Facings are cemented and are not serviced separately)	
2	078669	1	PLATE ASSEMBLY, pressure (Includes item 1)	
3	223585 901226 914593	6 6 6	BLOCK, cam (Recommend replacement in sets) SCREW, machine, fil-hd., 1/4"NC x 1/2" LOCKWASHER, ext-tooth, 1/4"	043397 043397 043397
4	073906 914465	3 3	CAMSHAFT ASSEMBLY (Includes FITTING indented below)(Recommend replacement in sets) FITTING, lubricating, straight, 1/8"NPT	
5	077697 914465	1 1	SLEEVE ASSEMBLY, shifting (Includes 2 BUSHINGS which are not serviced separately, and FITTING indented below) FITTING, lubricating, straight, 1/8"NPT	
6	073739 045312 904205	1 4 4	PLATE, retaining, shifting sleeve bearing CAPSCREW, 5/16"NC x 3/4" LOCKWASHER, 5/16"	
8	073647	1	BEARING, ball, shifting sleeve	
9	030801	1	RING, retaining, shifting sleeve bearing	
10	073854	1	CARRIER, shifting sleeve bearing	
11	{ 073625 078670	1 1	PLATE, back (Used on early units with item 4 only) PLATE, back (Used on late units with items 5 thru 7)	
12	030795	1	PLATE, adjusting ring	
13	056297	1	RING ASSEMBLY, adjusting (Includes items 15 thru 18)	
14	040784	1	PIN, hinge, adjustment lock	
15	040781 900764	1 2	BRACKET, mounting, adjustment lock RIVET, fl-hd., 3/16" x 1/2"	
16	040783	1	SPRING, adjustment lock	
17	040782	1	LOCK, adjustment	
			NOTE: Items 18 thru 20 were not used on early units. See item 21.	
18	073927	3	NUT, retracting spring screw (self-locking, 5/16"NF)	
19	078667	3	SPRING, pressure plate retracting	
20	078668	3	SCREW, retracting spring (fil-hd., 5/16"NF x 2-3/4")	
21	030805	3	SPRING, pressure plate retracting (Early units only)	
22	040221 901165 913984	3 3 3	PIN, connecting link (short) WASHER, plain, U.S. std., 5/16" PIN, cotter, 1/8" x 5/8"	
23	073626	3	LINK, connecting	
24	040220 901165 913984	3 3 3	PIN, connecting link (long) WASHER, plain, U.S. std., 5/16" PIN, cotter, 1/8" x 5/8"	

NOTE: Clutch BRAKE ASSEMBLY 042145, which was formerly furnished as a part of the AUBURN Clutch Assemblies, is also used with the ROCKFORD Clutch Assembly but must be ordered separately, if required.

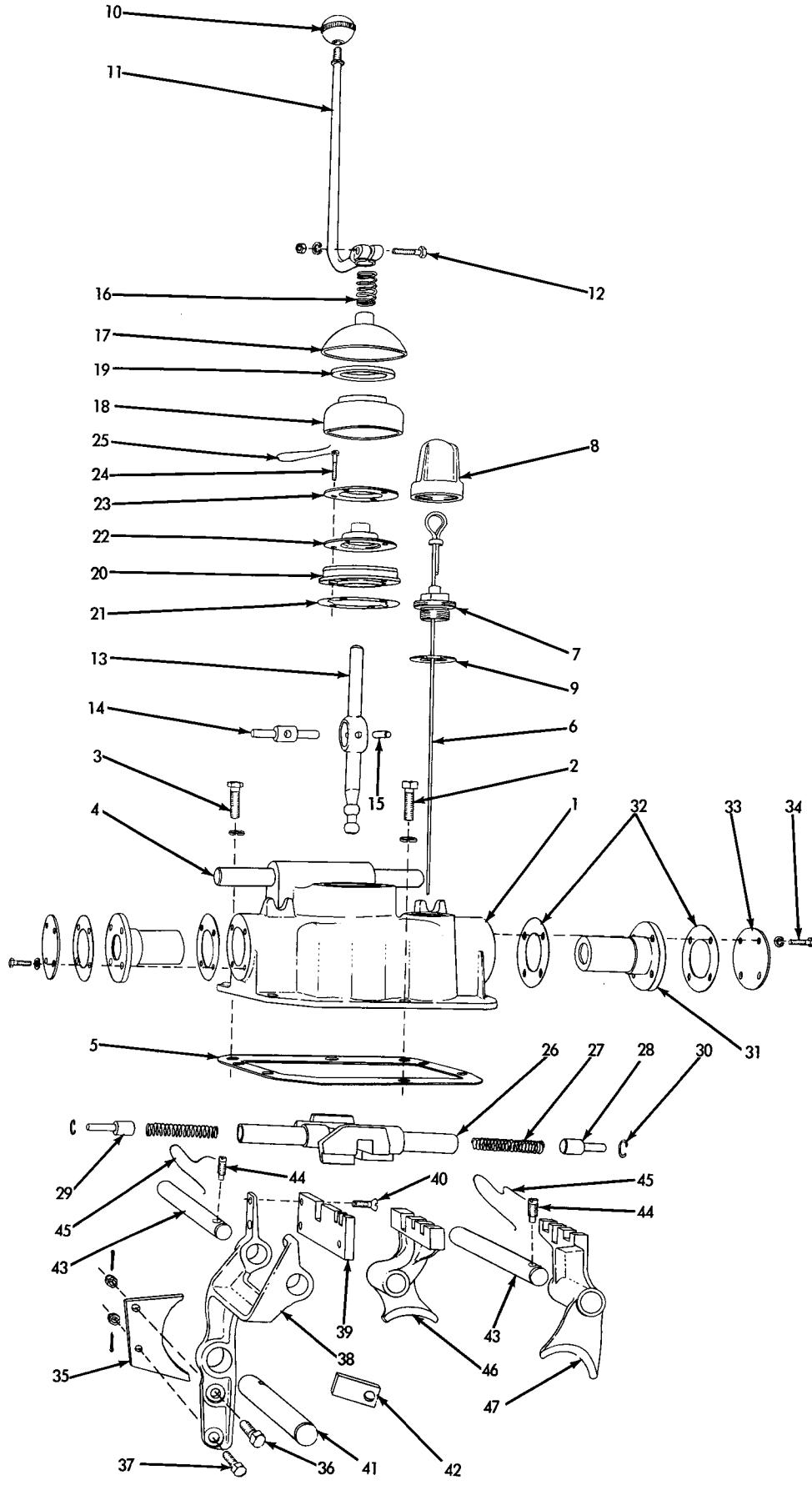
TRANSMISSION CASE AND COVERS



TRANSMISSION CASE AND COVERS

* 52" Tread Model
 ** 63" Tread Model

ITEM	PART NUMBER	QUANTITY	*	**	DESCRIPTION	KIT NUMBER
NOTE: Each Case Assembly listed below includes items 9 thru 16. When making first replacement on tractors prior to #9961 also furnish 1 WIRE 023756, 1 BEARING 042980, 3 CAP-SCREWS 045617, 1 BEARING 051346 and 1 RETAINER 052092.						
1	{ 052129	1	-	CASE ASSEMBLY		
	052130	-	1	CASE ASSEMBLY		
	901667	2	2	PLUG, pipe, ctsk-hd., 1-1/4"NPT		
	912725	3	3	PLUG, pipe, 1/2"NPT		
2	071943	2	2	CAPSCREW, 3/4"NF x 3-3/4"		
3	035422	2	2	CAPSCREW, 3/4"NF x 4"		
4	012767	4	4	NUT, high, 3/4"NF		
5	023618	10	10	CAPSCREW, 5/8"NF x 2-1/2"		
6	013467	2	2	CAPSCREW, 5/8"NF x 3"		
7	034440	2	2	CAPSCREW, 5/8"NF x 3-1/2"		
8	072366	14	14	NUT, high, 5/8"NF		
NOTE: When making first replacement on tractors prior to serial No. 6003 the following should be furnished with either of the shafts listed below: 1 SPACER ASSEMBLY 049640 and 1 WASHER 049619.						
9	{ 049643	2	-	SHAFT, track sprocket (26-1/4" long)		
	049642	-	2	SHAFT, track sprocket (31-3/4" long)		
	910215	2	2	SETSCREW, sq-hd., dog-pt., 5/8"NC x 2"		
	911036	2	2	NUT, jam, 5/8"NC		
10	034595	4	4	BUSHING, brake shaft		
11	035398	2	2	COVER, gear shifting shaft hole		
12	036737	4	4	PLUG, thread protecting (3/4"NC)		
13	038454	2	2	PLUG, thread protecting (1"NC)(6 used on tractors prior to #5403. 4 used on tractors #5403 thru #11150)		
14	035718	4	4	CAPSCREW, 1/2"NC x 3/4"		
	904208	2	2	LOCKWASHER, 1/2"		
15	043196	2	2	PLUG, cork (Used on tractors prior to #16612)		
16	{ 036737	1	1	PLUG, threaded, odometer drive hole (Tractors prior to #2603)		
	012623	1	1	PLUG, cup, odometer drive hole (Tractors #2603 and up)		
17	038396	1	1	COVER, odometer hole (Used on early tractors only)		
18	045295	3	3	CAPSCREW, 5/16"NC x 1"		
	904205	3	3	LOCKWASHER, 5/16"		
19	038397	1	1	GASKET, odometer hole cover (Used on early tractors only)		
20	034334	1	1	COVER, rear		
	901653	1	1	PLUG, pipe, 3/8"NPT		
21	035392	8	8	CAPSCREW, 5/8"NC x 1-1/4"		
	904209	8	8	LOCKWASHER, 5/8"		
22	035409	1	1	GASKET, rear cover		
23	035122	2	2	COVER, brake adjustment hole		
24	035220	4	4	CAPSCREW, 1/2"NC x 1-1/8"		
25	035402	2	2	GASKET, brake adjustment hole cover		
26	041525	1	1	COVER, clutch inspection hole		
27	035061	2	2	CAPSCREW, 1/2"NC x 1-1/4"		
	910244	2	2	WASHER, plain, SAE std., 1/2"		
28	035397	1	1	GASKET, clutch inspection hole cover		
29	041523	1	1	COVER, bevel gear inspection hole		
30	035244	3	3	CAPSCREW, 3/8"NC x 3/4"		
	904206	3	3	LOCKWASHER, 3/8"		
31	041524	1	1	GASKET, bevel gear inspection hole cover		
32	035250	1	1	PLUG, drain (socket head, 1-1/2"NF)		
33	035249	1	1	GASKET, drain plug		

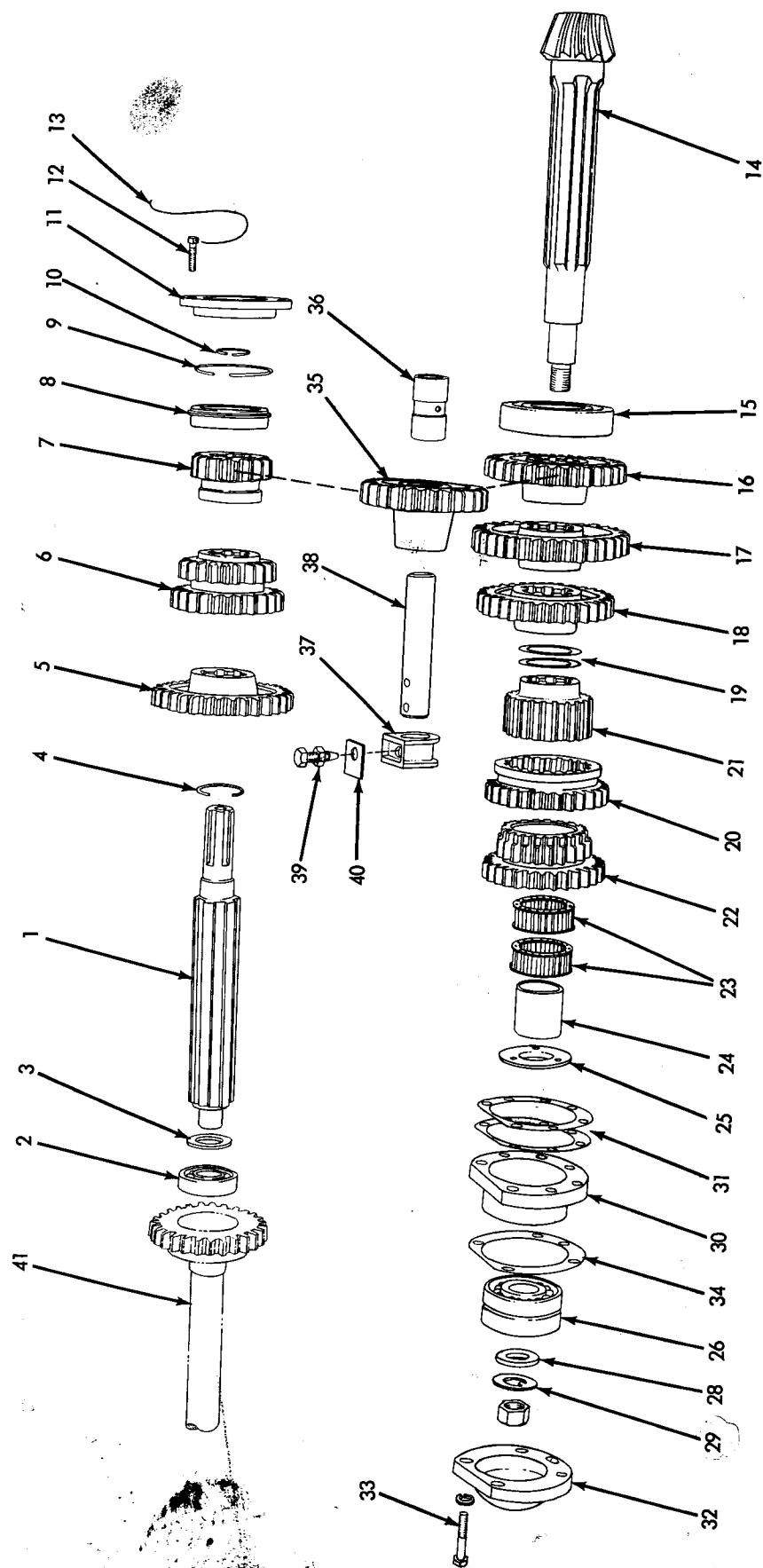


GEAR SHIFT

GEAR SHIFT

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041668	1	HOUSING ASSEMBLY (Includes item 4)	
2	035733	3	CAPSCREW, 1/2"NC x 1-3/8"	
3	035190	4	CAPSCREW, 1/2"NC x 1-1/2"	
	904208	7	LOCKWASHER, 1/2"	
4	041678	1	SHAFT, steering lever	
5	041681	1	GASKET, housing to case	
6	034270	1	ROD, gauge, transmission oil level	
7	034268	1	PLUG, transmission oil filling hole	
8	034265	1	CAP, oil level gauge rod	
9	034269	1	GASKET, oil level gauge rod cap	
10	U-171	1	KNOB, shift lever	
11	041685	1	EXTENSION, shift lever	
12	035336	1	CAPSCREW, 3/8"NF x 1-3/4"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
13	041686	1	LEVER ASSEMBLY (Includes items 14 and 15)	
14	031229	1	SHAFT, lever pivot	
15	031157	1	PIN, lever pivot shaft	
16	U-175	1	SPRING, shift lever	
17	045544	1	COVER, shift lever	
18	045543	1	CAP, dust, shift lever	
19	045546	1	SEAL, shift lever dust cap (felt)	
20	031074	1	RING ASSEMBLY, shift lever retaining (Consists of 2 pieces. Serviced only as a unit)	
21	031076	1	GASKET, shift lever retaining ring	
22	032056	1	BOOT, shift lever (rubber)	
23	032059	1	PLATE, shift lever boot retaining	
24	032062	4	CAPSCREW (drilled-hd., 5/16"NC x 1-1/2")	
25	023633	1	WIRE, locking (1/16" x 12")	
26	037419	1	LOCK, shift	
27	037420	2	SPRING, shift lock	
28	045394	1	PLUNGER, shift lock, right (2-3/16" long)	
29	037421	1	PLUNGER, shift lock, left (2-1/2" long)	
30	045384	2	RING, snap, shift lock plunger	
31	037412	2	GUIDE, shift lock	
32	037424	4	GASKET, shift lock guide	
33	037426	2	PLATE, cover, shift lock guide	
34	037450	8	CAPSCREW, 5/16"NC x 1-1/4"	
	904205	8	LOCKWASHER, 5/16"	
35	041679	1	FORK, fourth speed	
36	012466	1	CAPSCREW (drilled end, 1/2"NF x 1-5/8")	
37	070468	1	CAPSCREW (drilled end, 1/2"NF x 1-3/8")	
	911054	2	NUT, castle, 1/2"NF	
	900802	2	PIN, cotter, 3/32" x 1"	
38	041682	1	ARM, fourth speed fork	
39	041680	1	BAR, fourth speed fork arm	
40	037411	3	CAPSCREW (fl-hd., drilled end, 3/8"NF x 1-1/4")	
	911053	3	NUT, castle, 3/8"NF	
	900801	3	PIN, cotter, 3/32" x 3/4"	
41	041568	1	SHAFT, fourth speed fork arm (lower)	
42	041569	1	LOCK, fourth speed arm lower shaft	
43	037405	2	SHAFT, gear shift fork (upper)	
44	038463	2	SETSCREW	
45	023633	1	WIRE, locking (1/16" x 12")	
46	041683	1	FORK, second and third speed	
47	041684	1	FORK, low speed and reverse	

TRANSMISSION GEARS



TRANSMISSION GEARS

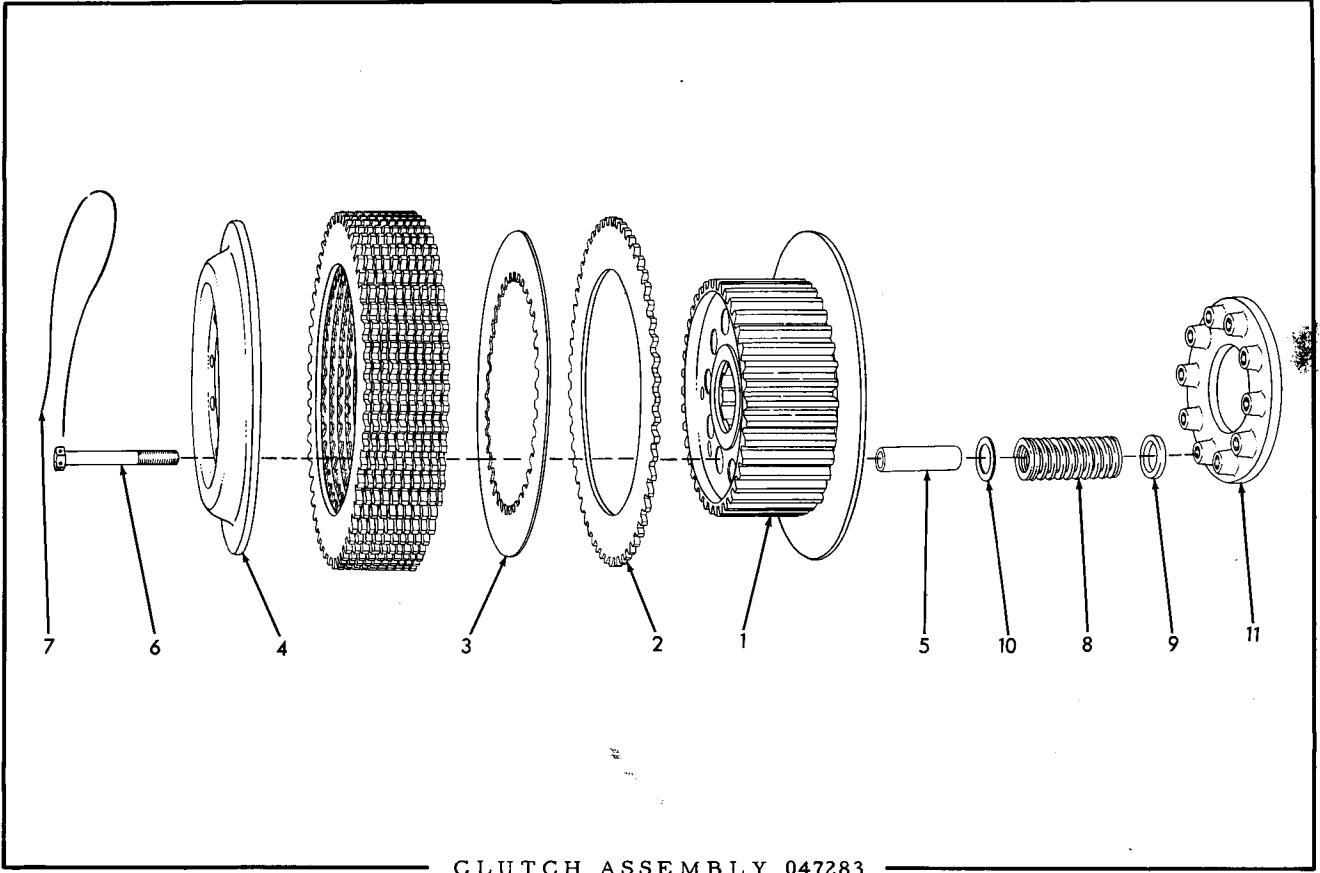
* Tractors prior to serial No. 9718.
 ** Tractors serial No. 9718 and up.

ITEM	PART NUMBER	QUANTITY	*	**	DESCRIPTION	KIT NUMBER
1	041468	1	1		SHAFT, top	
2	042980	1	1		BEARING, ball, top shaft, front	
3	041457	1	1		WASHER, retaining, top shaft constant mesh gear	
4	041458	1	1		RING, snap, top shaft constant mesh gear	
5	041459	1	1		GEAR, constant mesh, top shaft (32 teeth)	
6	{ 041461	1	-		PINION, sliding, second and third speeds (21 teeth and 25 teeth, 20° pressure angle)(Used on tractors prior to #779)	
	{ 044071	1	1		PINION, sliding, second and third speeds (21 teeth and 25 teeth, 25° pressure angle)(Used on tractors #779 and up)	
7	041462	1	1		PINION, sliding, low and reverse (17 teeth)	
8	{ 042982	1	1		BEARING, ball, top shaft, rear (Used on tractors prior to #9961)	
	{ 051346	-	1		BEARING, ball, top shaft, rear (Used on tractors #9961 and up)	
9	041469	1	1		RING, retaining, top shaft rear bearing (Tractors prior to #9961)	
10	053340	-	1		RING, retaining, top shaft rear bearing (Tractors #11738 and up)	
11	052092	-	1		RETAINER, top shaft rear bearing (Used on tractors #9960 and up)	
12	045617	-	3		CAPSCREW (drilled head, 3/8"NC x 1-1/4")	
13	023756	-	1		WIRE, locking (1/16" x 26')	
14	{ 047668	1	1		PINION AND SHAFT (9 bevel teeth)(Used on tractors prior to #12859)	
	{ 056819	-	1		PINION AND SHAFT (11 bevel teeth)(Used on tractors #12859 and up)	
	911047	1	1		NUT, 1" NF	
15	042794	1	1		BEARING, roller, bevel pinion shaft, rear	
16	{ 041471	1	1		GEAR, reverse, bevel pinion shaft (32 teeth)(Used on tractors prior to #12346)	
	{ 054435	-	1		GEAR, reverse, bevel pinion shaft (31 teeth)(Used on tractors #12346 and up)	
17	041472	1	1		GEAR, low speed, bevel pinion shaft (37 teeth)	
18	041473	1	1		GEAR, second speed, bevel pinion shaft (33 teeth)	
19	050897	2	2		SHIM, spacing, pinion shaft gears (.010" thick. Use as req'd)	
20	{ 041475	1	-		GEAR, third speed, bevel pinion shaft (29 teeth, 20° pressure angle) (Used on tractors prior to #779)	
	{ 044072	1	1		GEAR, third speed, bevel pinion shaft (29 teeth, 25° pressure angle) (Used on tractors #779 and up)	
21	041474	1	1		HUB, third speed gear, bevel pinion shaft (22 teeth)	
22	{ 041476	1	-		GEAR, constant mesh, bevel pinion shaft (27 teeth and 22 teeth) (Standard on tractors prior to #2603)	
	{ 047641	1	1		GEAR, constant mesh, bevel pinion shaft (26 teeth and 22 teeth) (Standard on tractors #2603 thru #12345)	
	{ 054434	-	1		GEAR, constant mesh, bevel pinion shaft (29 teeth and 22 teeth) (Standard on tractors #12345 and up)	
23	061085	2	2		ROLLER ASSEMBLY, constant mesh gear bearing	
24	042958	1	1		RACE, inner, constant mesh gear bearing	

(Continued)

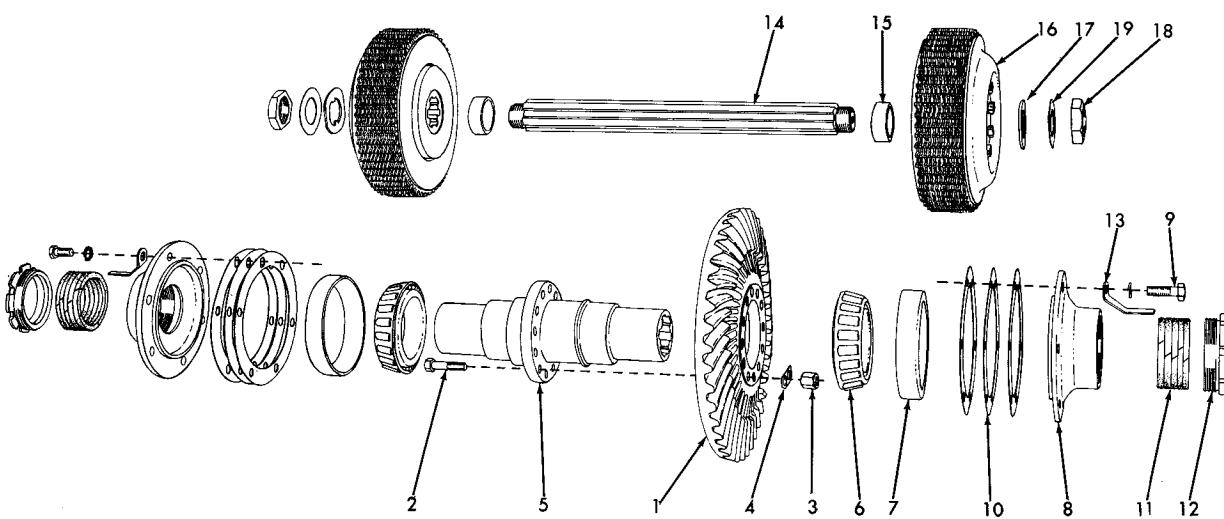
TRANSMISSION GEARS (Continued)

ITEM	PART NUMBER	QUANTITY	*	**	DESCRIPTION	KIT NUMBER
25	051682	1	1		WASHER, retaining, constant mesh gear	
26	{ 042840	1	-		BEARING, ball, bevel pinion shaft, front (Includes item 27)	
	051681	-	1		BEARING, ball, bevel pinion shaft, front (2 matched pieces)	
27	042121	1	-		RING, snap, pinion shaft front bearing (Not illustrated)	
28	038182	1	1		WASHER, retaining, pinion shaft front bearing	
29	035175	1	1		WASHER, locking, pinion shaft nut	
30	{ 044565	1	-		CAGE, pinion shaft front bearing	
	051680	-	1		CAGE, pinion shaft front bearing	
	{ 035195	1	-		GASKET, pinion shaft front bearing cage	
31	{ 051684	-	8		SHIM, bevel pinion mesh adjustment (.007" thick. Use as req'd)	
	051683	-	10		SHIM, bevel pinion mesh adjustment (.010" thick. Use as req'd)	
32	{ 044577	1	-		CAP, pinion shaft front bearing	
	044563	-	1		COVER, pinion shaft front bearing	
33	{ 041481	4	-		CAPSCREW (drilled-hd., 1/2 NC x 2-1/4")	
	023756	1	-		WIRE, locking (1/16" x 26")	
	012871	-	4		CAPSCREW, 1/2"NC x 2-3/4"	
	904208	-	4		LOCKWASHER, 1/2"	
	{ 044566	10	-		SHIM, bevel pinion mesh adjustment (.007" thick. Use as req'd)	
34	{ 044564	5	-		SHIM, bevel pinion mesh adjustment (.010" thick. Use as req'd)	
	035195	-	2		GASKET, pinion shaft front bearing cover	
35	041466	1	1		GEAR ASSEMBLY, reverse (26 teeth. Includes item 36)	
36	038523	1	1		BUSHING, reverse gear	
37	041464	1	1		SPACER, reverse gear	
38	041465	1	1		SHAFT, reverse gear	
39	035188	1	1		SETSCREW (hex-hd., taper point, 1/2"NC x 1-5/8")	
	911035	1	1		NUT, jam, 1/2"NC	
40	041463	1	1		LOCK, jam nut	
41	-----	1	1		SHAFT AND GEAR (See ENGINE CLUTCH)	



CLUTCH ASSEMBLY 047283

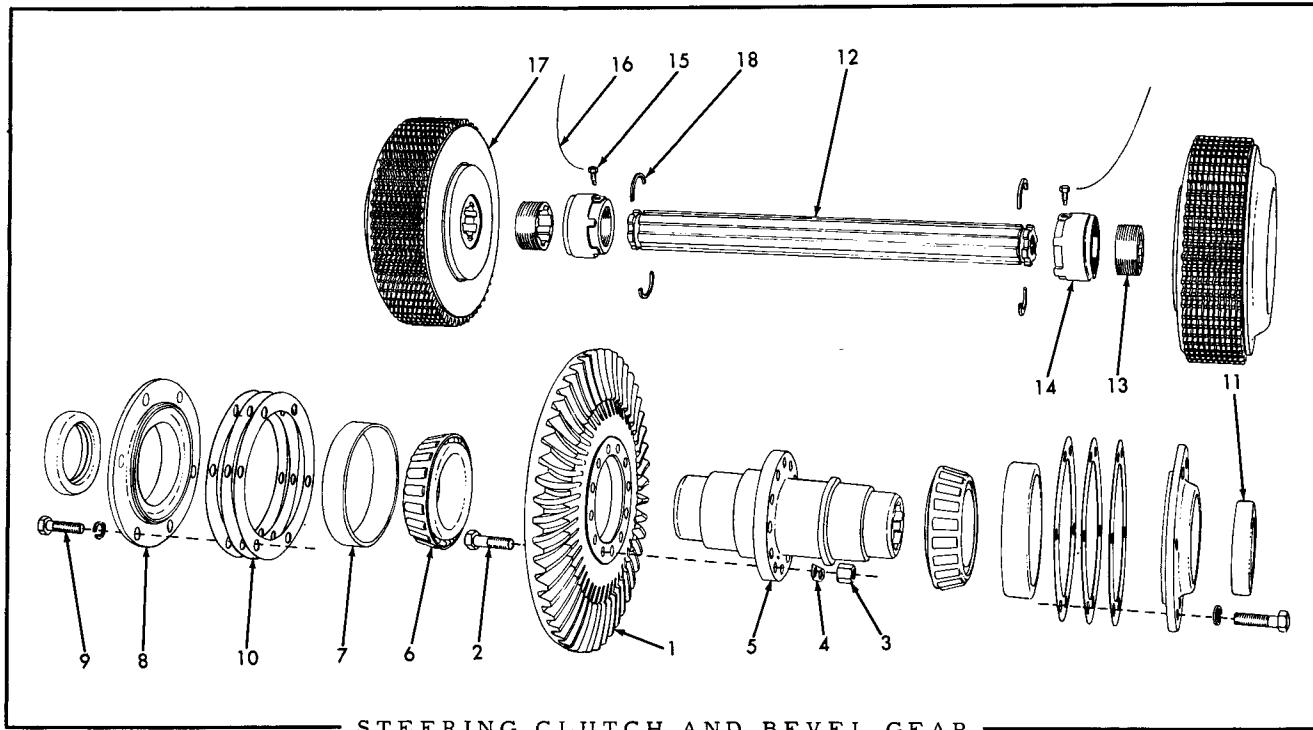
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	047282	2	HUB	
2	{ 073013 24 DISC, friction (bi-metallic) (Original equipment on tractors prior to #1592)			
	{ 047631 22 DISC, friction (raybestos) (Original equipment on tractors #1592 and up)			
3	035084	22	DISC, friction (steel) (Additional 2 required when used with DISC 073013)	
4	036580	2	PLATE, pressure	
5	036581	20	SPACER, throwout plate	
6	035066	20	CAPSCREW, throwout plate (drilled-hd., 1/2" NF x 3-3/4")	
7	023756	2	WIRE, locking (1/16" x 26")	
8	035831	20	SPRING, pressure	
9	054610	20	SPACER, pressure spring (Used on tractors #11522 and up)	
0	034299	20	WASHER, pressure spring insulating	
11	035083	2	PLATE, throwout	
12	-----	2	SLINGER, oil (Installed on clutch throwout plate on tractors prior to #3001. Not serviced since is unnecessary. Not illustrated)	



STEERING CLUTCH AND BEVEL GEAR

USAGE: Tractors prior to serial No. 1132.

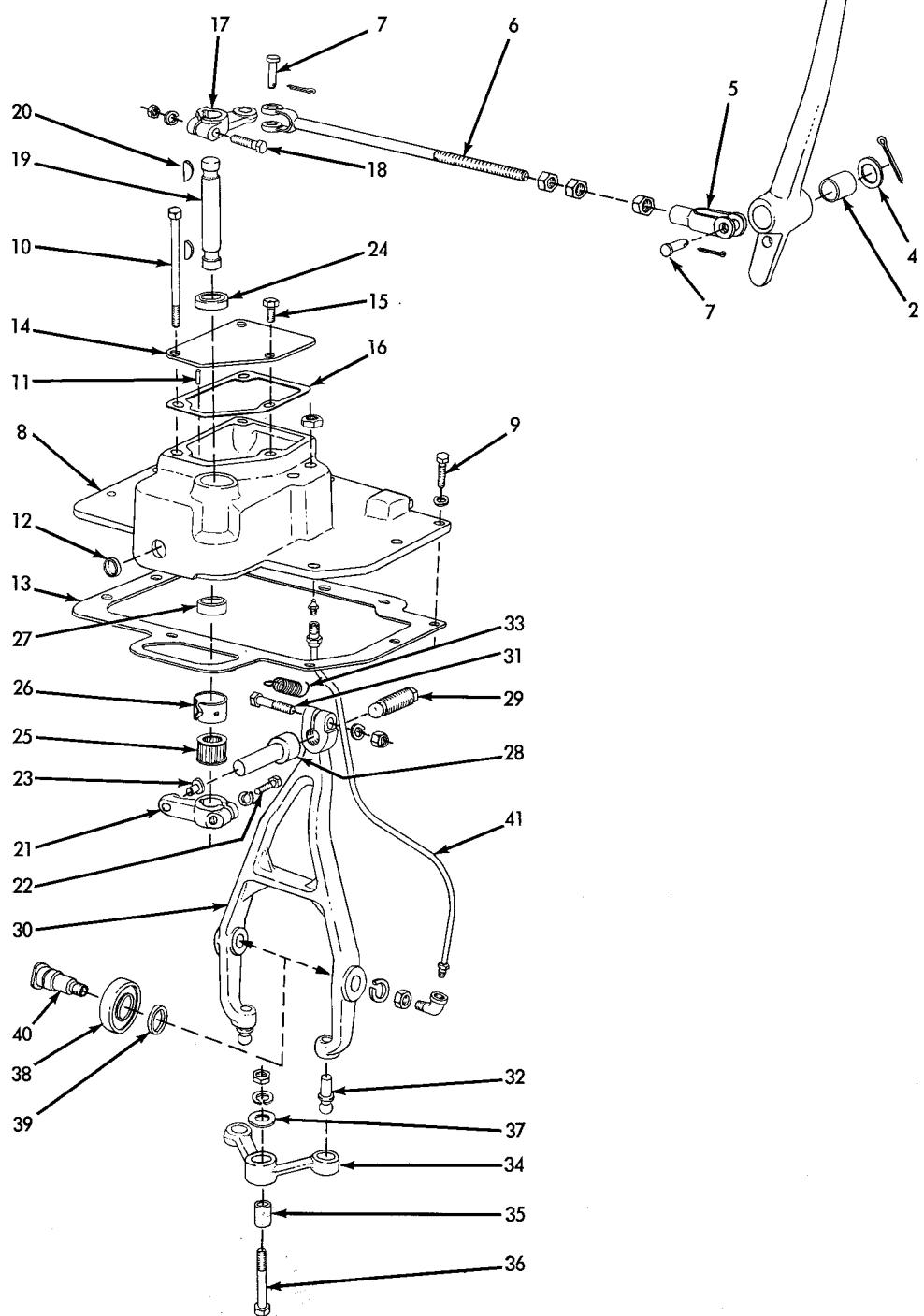
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	038168	1	GEAR, spiral bevel (40 teeth)(Can be replaced by GEAR 056818 and PINION AND SHAFT 056819)	
2	030547	12	CAPSCREW (1/2"NF x 2")	
3	038234	12	NUT, high, 1/2"NF	
4	035065	6	LOCK, nut	
5	038169	1	HUB, bevel gear	
6	043010	2	CONE ASSEMBLY, bevel gear hub bearing	
7	042871	2	CUP, bevel gear hub bearing	
8	-----	2	RETAINER, bevel gear hub bearing (Not available. Furnish 1 RETAINER 047277 and 1 SEAL 047275)	
9	035236 904208	12	CAPSCREW, 1/2"NC x 1-3/4"	
		12	LOCKWASHER, 1/2"	
10	{ 035040 035060 048323	14 10 4	SHIM, bearing adjustment (.005" thick. Use as req'd) SHIM, bearing adjustment (.010" thick. Use as req'd) SHIM, bearing adjustment (.043" thick. Use as req'd)	
11	035821	10	PACKING, bevel gear hub	
12	035817	2	NUT, gland, bevel gear hub packing	
13	036449	2	LOCK, packing gland nut	
14	035080	1	SHAFT, steering clutch	
15	036579	2	SPACER, steering clutch shaft	
16	047283	2	CLUTCH ASSEMBLY, steering (See page 111 for repair parts)	
17	033620	2	WASHER, clutch retaining	
18	035078	2	NUT, clutch retaining	
19	033999	2	WASHER, locking, clutch retaining nut	



STEERING CLUTCH AND BEVEL GEAR

USAGE: Tractors serial No. 1132 and up.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 038168 056818	1 1	GEAR, spiral bevel (40 teeth)(Used on tractors prior to #12859. Can be replaced by GEAR 056818 and PINION AND SHAFT 056819)	
2	030547	12	CAPSCREW (1/2"NF x 2")	
3	038234	12	NUT, high, 1/2"NF	
4	035065	6	LOCK, nut	
5	047279	1	HUB, bevel gear	
6	043010	2	CONE ASSEMBLY, bevel gear hub bearing	
7	042871	2	CUP, bevel gear hub bearing	
8	047277	2	RETAINER, bevel gear hub bearing	
9	035236 904208	12 12	CAPSCREW, 1/2"NC x 1-3/4" LOCKWASHER, 1/2"	
10	{ 035040 035060 048323	14 10 4	SHIM, bearing adjustment (.005" thick. Use as req'd) SHIM, bearing adjustment (.010" thick. Use as req'd) SHIM, bearing adjustment (.043" thick. Use as req'd)	
11	047275	2	SEAL, oil, bevel gear hub	
12	047278	1	SHAFT, steering clutch	
13	047274	2	SPACER, steering clutch shaft	
14	047276	2	NUT, steering clutch shaft spacer	
15	047260	2	SETSCREW (drilled hex-hd., dog-pt., 3/8"NC x 5/8")	
16	023756	2	WIRE, locking (1/16" x 26")	
17	047283	2	CLUTCH ASSEMBLY, steering (See page 111 for repair parts)	
18	047280	4	RING, half, clutch retaining	

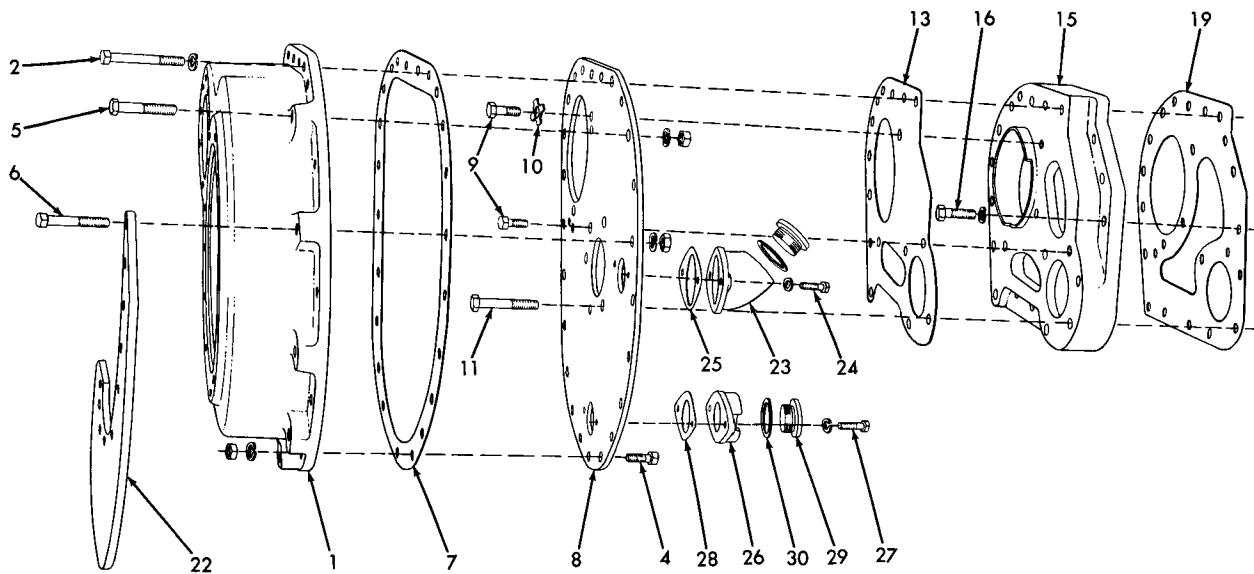


STEERING CLUTCH CONTROL

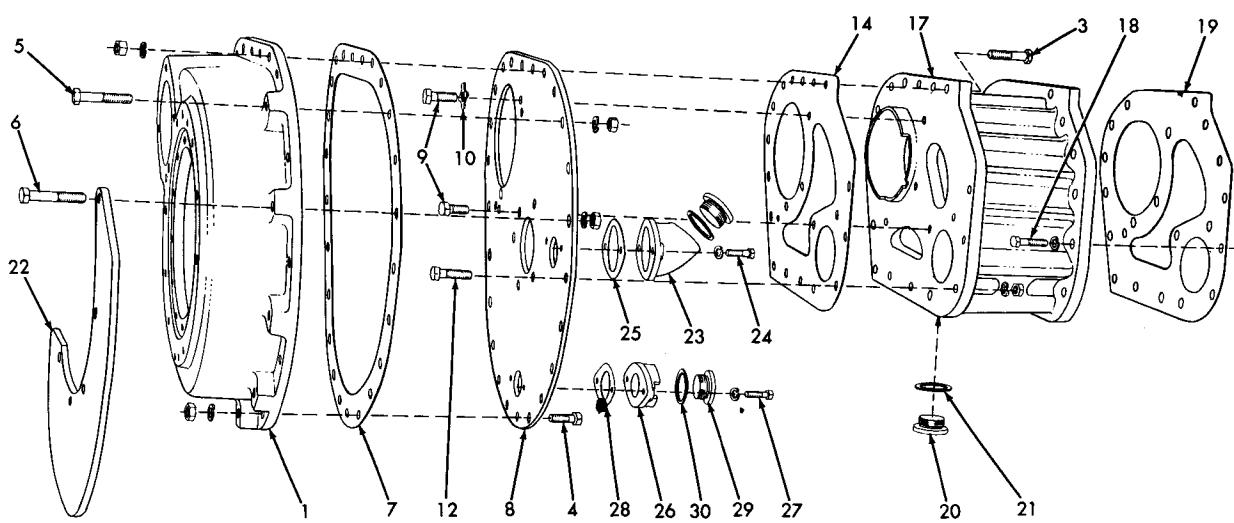
STEERING CLUTCH CONTROL

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041504	2	LEVER ASSEMBLY, steering (Includes item 2)	
2	034514	4	BUSHING, steering lever	
3	052591	2	GRIP, steering lever	
4	035467	2	WASHER, retaining, steering lever	
	900811	2	PIN, cotter, 3/16" x 1-1/2"	
5	068389	2	YOKES, control rod	
6	041507	2	ROD, control	
	911043	6	NUT, 1/2"NF	
7	033072	4	PIN, control rod yoke	
	910967	4	PIN, cotter, 1/8" x 7/8"	
8	{ 041511	1	COVER ASSEMBLY, steering clutch compartment, left side (Includes items 11 and 12)	
	{ 041512	1	COVER ASSEMBLY, steering clutch compartment, right side (Includes items 11 and 12)(shown)	
9	035733	10	CAPSCREW, 1/2"NC x 1-3/8"	
	904208	10	LOCKWASHER, 1/2"	
10	046590	2	CAPSCREW, 1/2"NC x 5-1/4" (also attaches cover plate)	
11	035793	2	PIN, throwout fork spring attachment	
12	038358	2	PLUG, cup, steering clutch compartment cover	
(13)	041520	2	GASKET, steering clutch compartment cover	
14	037393	2	PLATE, steering clutch compartment cover	
15	035718	4	CAPSCREW, 1/2"NC x 3/4"	
(16)	037392	2	GASKET, cover plate	
17	041517	2	LEVER, actuating, upper	
18	046419	2	CAPSCREW, 3/8"NF x 2"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
19	041509	2	SHAFT, actuating levers	
20	036997	4	KEY, #13 woodruff, hardened, 3/16" x 1"	
21	041518	2	LEVER ASSEMBLY, actuating, lower (Includes item 23)	
22	070960	2	CAPSCREW, 3/8"NC x 1-1/2"	
	904206	2	LOCKWASHER, 3/8"	
23	035287	2	BUTTON, wear, lower actuating lever	
24	603009	2	SEAL, oil, actuating lever shaft	
25	042823	4	ROLLER ASSEMBLY, actuating lever shaft bearing	
26	042824	4	RACE, outer, actuating lever shaft bearing	
27	041515	2	SPACER, actuating lever shaft bearings	
28	045305	2	PIN, thrust	
29	033936	2	SCREW, throwout fork adjustment	
30	036998	2	FORK ASSEMBLY, clutch throwout (Includes item 32)	
31	035068	2	CAPSCREW, 1/2"NF x 2-1/4"	
	911043	2	NUT, 1/2"NF	
32	035878	4	BALL, pivot, throwout fork	
33	034253	2	SPRING, throwout fork retracting	
34	036358	2	EQUALIZER, throwout fork	
35	035305	2	SPACER, throwout fork equalizer	
36	035306	2	CAPSCREW, 5/8"NF x 3-1/4"	
	904209	2	LOCKWASHER, 5/8"	
	911044	2	NUT, 5/8"NF	
37	035281	2	WASHER, throwout fork retaining	
38	042305	4	BEARING, ball, throwout fork	
39	034348	4	SPACER, throwout fork bearing	
40	034349	4	PIN, throwout fork bearing	
	904209	4	LOCKWASHER, 5/8"	
	911044	4	NUT, 5/8"NF	

(Continued)



FINAL DRIVE CASE (52" tread)



FINAL DRIVE CASE (63" tread)

STEERING CLUTCH CONTROL (Continued)

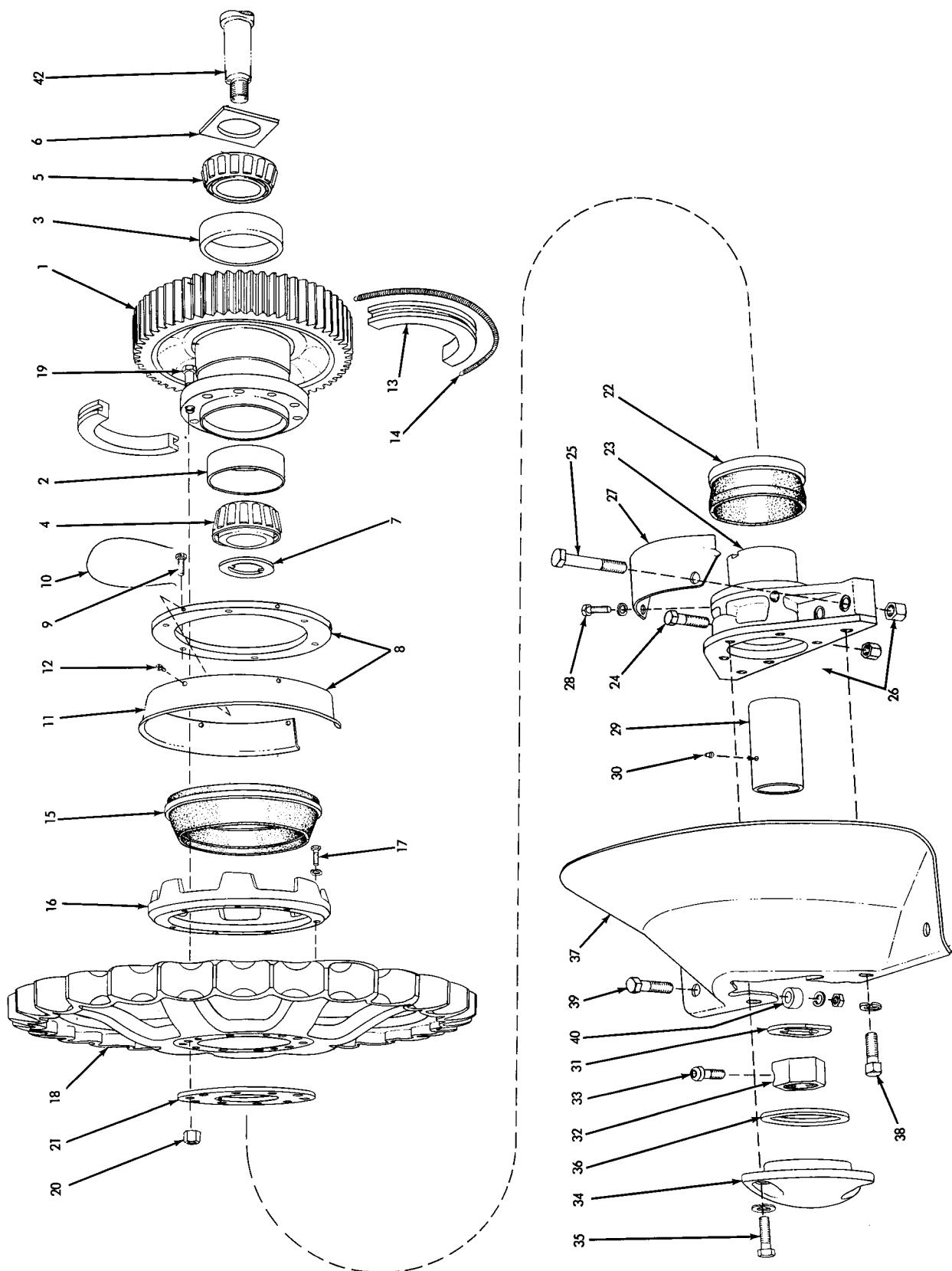
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
41	045496	4	HOSE, lubricating, throwout fork bearing	
	911049	4	NUT, jam, 5/8"NF	
	907059	4	ELBOW, street, 90°, 1/8"NPT	
	914465	4	FITTING, lubricating, straight, 1/8"NPT	

FINAL DRIVE CASE

* 52" tread Model
 ** 63" tread Model

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	{ 033105	2	CASE, gear (Used on tractors prior to #498)	
	042934	2	CASE, gear (Used on tractors #498 and up)	
2	045253	18	CAPSCREW, 1/2"NC x 4"	
3	035068	- 18	CAPSCREW, 1/2"NF x 2"	
4	035018	18 18	CAPSCREW, 1/2"NF x 1-1/2"	
5	035892	2 2	CAPSCREW, 1/2"NF x 2-1/2"	
6	035278	10 10	CAPSCREW, 1/2"NF x 2-3/4" (Also attaches lower dirt guard)	
	904208	48 48	LOCKWASHER, 1/2"	
	911043	30 48	NUT, 1/2"NF	
7	035257	2 2	GASKET, gear case	065737
8	041782	2 2	PLATE, side	
9	035221	6 8	CAPSCREW, 1/2"NC x 1"	
10	035196	4 4	LOCK, capscrew	
11	041877	6 -	CAPSCREW, 1/2"NC x 3"	
12	035073	- 4	CAPSCREW, 1/2"NF x 1-3/4"	
	904208	- 4	LOCKWASHER, 1/2"	
	911043	- 4	NUT, 1/2"NF	
13	041874	2 -	GASKET, side plate to spacer	065737
14	036076	- 2	GASKET, side plate to spacer	065737
15	{ 041875	1 -	SPACER, side plate to case, left	
	041876	1 -	SPACER, side plate to case, right	
16	035236	10 -	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	10 -	LOCKWASHER, 1/2"	
17	{ 038275	- 1	SPACER, side plate to case, left	
	038276	- 1	SPACER, side plate to case, right	
18	035236	- 34	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	- 34	LOCKWASHER, 1/2"	
19	036076	2 2	GASKET, spacer to case	065737
20	035250	- 2	PLUG, spacer drain (Used on tractors prior to #12923)	
21	035249	- 2	GASKET, spacer drain plug (Used on tractors prior to #12923)	
22	{ 034324	2 2	GUARD, dirt, lower (Used on tractors prior to #1103)	
	044427	2 2	GUARD, dirt, lower (Used on tractors #1103 and up)	
23	035264	2 2	FLANGE, filler	
24	036034	4 4	CAPSCREW, 3/8"NF x 1-1/2"	
	904206	4 4	LOCKWASHER, 3/8"	
25	035252	2 2	GASKET, filler flange	
26	035263	2 2	FLANGE, drain	
27	036034	4 4	CAPSCREW, 3/8"NF x 1"	
	904206	4 4	LOCKWASHER, 3/8"	
28	035251	2 2	GASKET, drain flange	
29	035250	4 4	PLUG, drain and filler	
30	035249	4 4	GASKET, drain and filler plug	

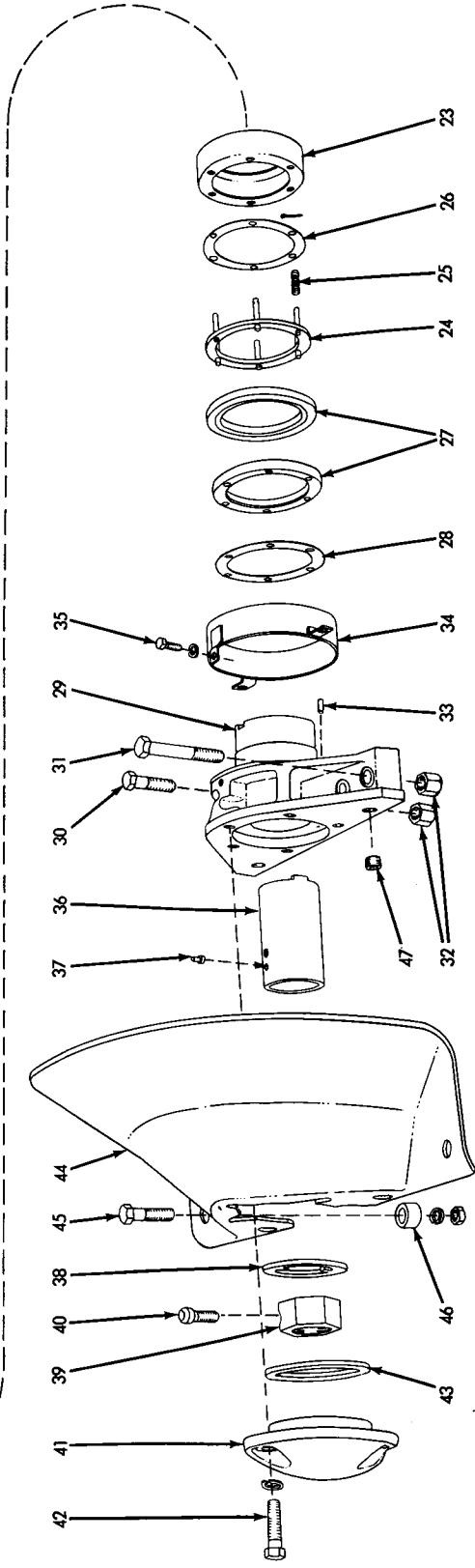
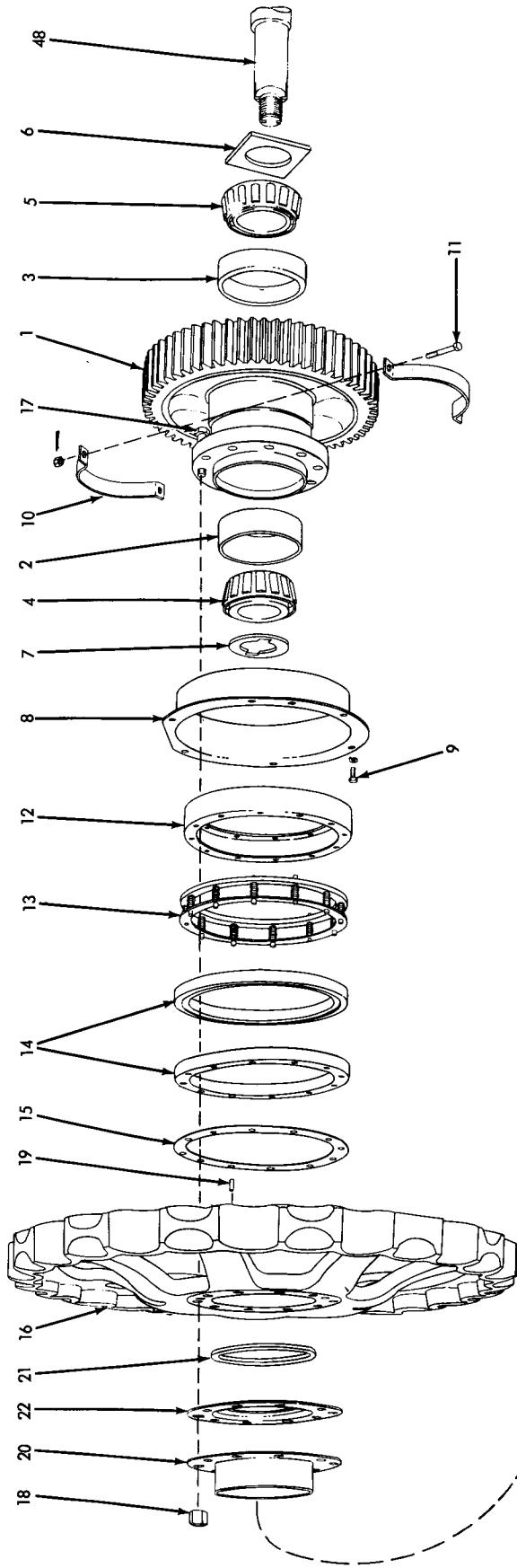
FINAL DRIVE GEAR AND SPROCKET (Early Type)



FINAL DRIVE GEAR AND SPROCKET

USAGE: Tractors prior to serial No. 498

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	031897	2	GEAR ASSEMBLY (Includes HUB. Serviced only as a unit)	
2	605334	2	CUP, outer bearing	
3	042877	2	CUP, inner bearing	
4	605335	2	CONE ASSEMBLY, outer bearing	
5	042879	2	CONE ASSEMBLY, inner bearing	
6	038162	2	SPACER, inner bearing	
7	035700	2	WASHER, thrust, end bracket	
8	033020	2	PLATE ASSEMBLY, inner seal (Includes items 11 and 12)	
9	035772	12	CAPSCREW (drilled-hd., 1/2"NC x 1-1/4")	
10	052519	2	WIRE, locking (1/16" x 39")	
11	033048	2	GUARD, inner seal plate	
12	033200	12	SCREW, thread-cutting, cross-recessed-hd., 1/4" x 3/4"	
13	033082	2	RING, inner seal guiding (2 halves)	
14	033015	2	SPRING, inner seal guiding ring	
15	043453	2	SEAL ASSEMBLY, inner (1 RING and 1 BOOT. Serviced only as a unit)	
16	033019	2	RING, retaining, inner seal boot	
17	013058	14	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	14	LOCKWASHER, 3/8"	
18	033162	2	SPROCKET, track	
19	036209	20	BOLT (5/8"NF x 2-3/4")	
20	072366	20	NUT, high, 5/8"NF	
21	033016	2	PLATE, outer seal	
22	043454	2	SEAL ASSEMBLY, outer (1 RING and 1 BOOT. Serviced only as a unit)	
23	{ 034623	1	BRACKET, left	
	034624	1	BRACKET, right	
24	035229	2	CAPSCREW, 5/8"NF x 2"	
25	013467	8	CAPSCREW, 5/8"NF x 3"	
26	072366	10	NUT, high, 5/8"NF	
27	033008	2	SHED, dirt, outer seal	
28	035221	4	CAPSCREW, 1/2"NC x 1"	
	904208	4	LOCKWASHER, 1/2"	
29	-----	2	SPACER ASSEMBLY, end bracket (Includes item 30) (Not available. Use SPACER ASSEMBLY 049640 and WASHER 049619)	
30	035708	4	KEY, end bracket spacer	
31	033620	2	WASHER, end bracket retaining	
32	033668	2	NUT, sprocket shaft	
33	033364	2	SCREW, clamping	
34	034625	2	COVER, end bracket	
35	036707	6	CAPSCREW, 5/8"NC x 1-3/4"	
	904209	6	LOCKWASHER, 5/8"	
36	034627	2	GASKET, end bracket	
37	034626	2	GUARD, track sprocket	
38	070109	4	CAPSCREW, 3/4"NC x 1-1/2"	
	904369	4	LOCKWASHER, 3/4"	
39	035248	4	CAPSCREW, 5/8"NF x 2-1/4"	
	904209	4	LOCKWASHER, 5/8"	
	911044	4	NUT, 5/8"NF	
40	033207	4	SPACER, track sprocket guard	
41	{ 033288	-	CEMENT, neoprene, 1/2 pint can	For cementing seal boots and gaskets
	054890	-	SOLVENT, neoprene cement, 1/2 pint can	
42	-----	-	SHAFT, sprocket (See TRANSMISSION CASE AND COVERS)	



FINAL DRIVE GEAR AND SPROCKET (Late Type)

FINAL DRIVE GEAR AND SPROCKET

USAGE: Tractors serial No. 498 and up.

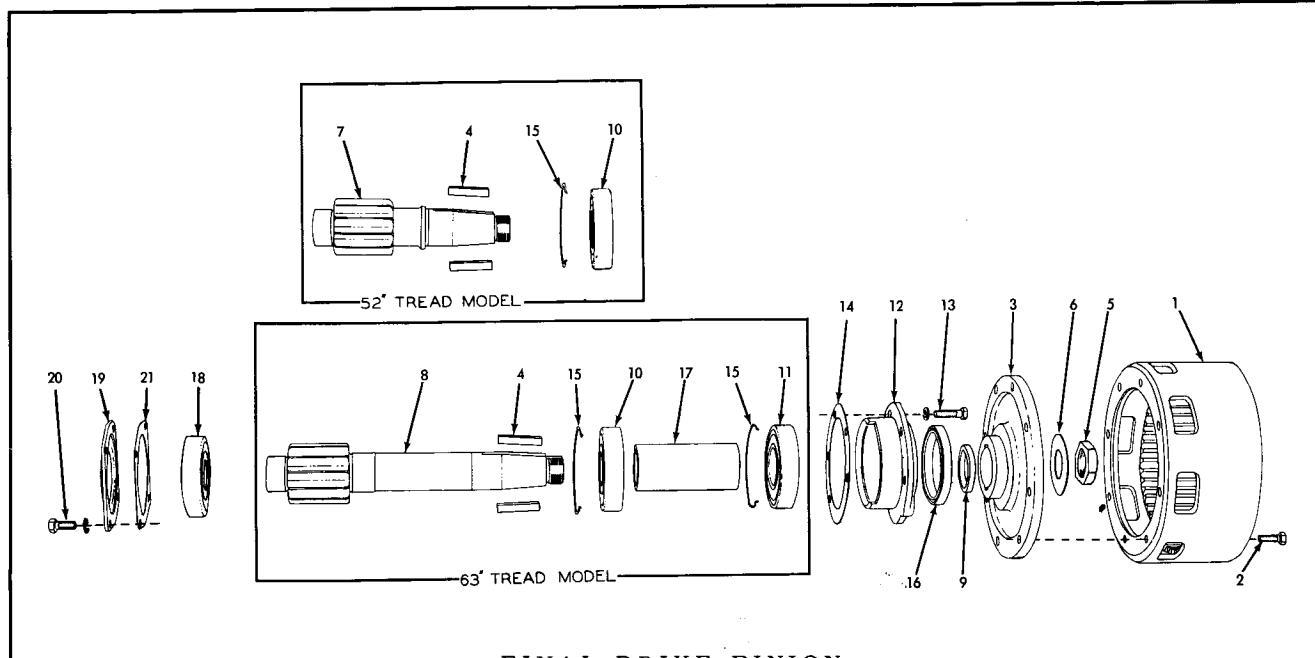
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	043506	2	GEAR ASSEMBLY (Includes HUB. Serviced only as a unit)(When making first replacement on tractors prior to #549 also furnish 2 CLAMPS 042917, 2 CAPSCREWS 035280, 2 NUTS 911053, 2 cotter PINS 900801 and 10 BOLTS 043504)	
2	605334	2	CUP, outer bearing	
3	042877	2	CUP, inner bearing	
4	605335	2	CONE ASSEMBLY, outer bearing	
5	042879	2	CONE ASSEMBLY, inner bearing	
6	038162	2	SPACER, inner bearing	
7	{ 035700 049619	2 2	WASHER, thrust, end bracket (Used on tractors prior to #6000) WASHER, thrust, end bracket (Used on tractors #6000 and up)	
8	042914	2	GUARD, dirt, inner seal	
9	035244 904206	12 12	CAPSCREW, 3/8"NC x 3/4" LOCKWASHER, 3/8"	
10	{ 033082 033015	2 2	RING, inner seal guiding (2 halves) SPRING, inner seal guiding ring	Tractors prior to #549
11	042917 035280 911053 900801	4 4 4 4	CLAMP, retaining, track sprocket bolt (Tractors #549 and up) CAPSCREW (drilled end, 3/8"NF x 2") NUT, castle, 3/8"NF PIN, cotter, 3/32" x 3/4"	
12	042858	2	BOOT, inner seal	
13	049696	2	DRIVE ASSEMBLY, inner seal (Includes PINS and SPRINGS. Serviced only as a unit)(When making first replacement on tractors prior to #6803 also furnish item 14)	
14	049688	4	RING, inner seal	
15	042924	2	GASKET, inner seal ring	065737
16	{ 042931 044390 044389	2 2 2	SPROCKET ASSEMBLY, track (Includes item 19)(Tractors prior to #1103) SPROCKET ASSEMBLY, track (Includes item 19. Has flat tooth-base)(Standard equipment on tractors #1103 and up) SPROCKET ASSEMBLY, track (Includes item 19. Has skeleton tooth-base to minimize packing of track)(Special. Is alternate for SPROCKET 044390. Will not fit tractors using SPROCKET 042931)	
17	{ 036209 043504 072366	20 20 20	BOLT (5/8"NF x 2-3/4") (Used on tractors prior to #549) BOLT (5/8"NF x 3") (Used on tractors #549 and up) NUT, high, 5/8"NF	
18				
19	042930	6	PIN, seal driving	
20	042923	2	GUARD, outer seal	
21	043189	2	GASKET, outer seal driving plate	065737
22	042900	2	PLATE, outer seal driving	
23	042918	2	BOOT, outer seal	
24	049692 904001	2 6	FOLLOWER ASSEMBLY, outer seal (Includes PINS)(When making first replacement on tractors prior to #6803 also furnish seal RING 049689) PIN, cotter, 3/32" x 1/2"	

(Continued)

FINAL DRIVE GEAR AND SPROCKET (Continued)

USAGE: Tractors serial No 498 and up.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
25	042911	12	SPRING, outer seal follower	
26	042929	2	WASHER, outer seal follower	
27	049689	4	RING, outer seal	
28	042935	2	GASKET, outer seal ring	065737
29	{ 042921	1	BRACKET ASSEMBLY, left (Includes item 33)	
	{ 042922	1	BRACKET ASSEMBLY, right (Includes item 33)	
30	035229	2	CAPSCREW, 5/8"NF x 2"	
31	{ 013467	8	CAPSCREW, 5/8"NF x 3" (Used on tractors prior to #9335)	
	{ 035541	8	CAPSCREW, 5/8"NF x 3-3/4" (Used on tractors #9335 and up)	
32	072366	10	NUT, high, 5/8"NF	
33	042930	6	PIN, end bracket	
34	042925	2	SHED, dirt, outer seal	
35	035244	6	CAPSCREW, 3/8"NC x 3/4"	
	904206	6	LOCKWASHER, 3/8"	
36	049640	2	SPACER ASSEMBLY, end bracket (Includes item 37)(When making first replacement on tractors prior to #6000 also furnish WASHER 049619)	
37	035708	4	KEY, end bracket spacer	
38	033620	2	WASHER, end bracket retaining	
39	033668	2	NUT, sprocket shaft	
40	033364	2	SCREW, clamping	
41	034625	2	COVER, end bracket	
42	036707	6	CAPSCREW, 5/8"NC x 1-3/4"	
	904209	6	LOCKWASHER, 5/8"	
43	034627	2	GASKET, end bracket cover	065737
44	034626	2	GUARD, track sprocket	
45	035248	4	CAPSCREW, 5/8"NF x 2-1/4"	
	904209	4	LOCKWASHER, 5/8"	
	911044	4	NUT, 5/8"NF	
46	033207	4	SPACER, track sprocket guard	
47	036737	4	PLUG, thread protecting, end bracket (3/4"NC)	
48	-----	-	SHAFT, sprocket (See TRANSMISSION CASE AND COVERS)	



FINAL DRIVE PINION

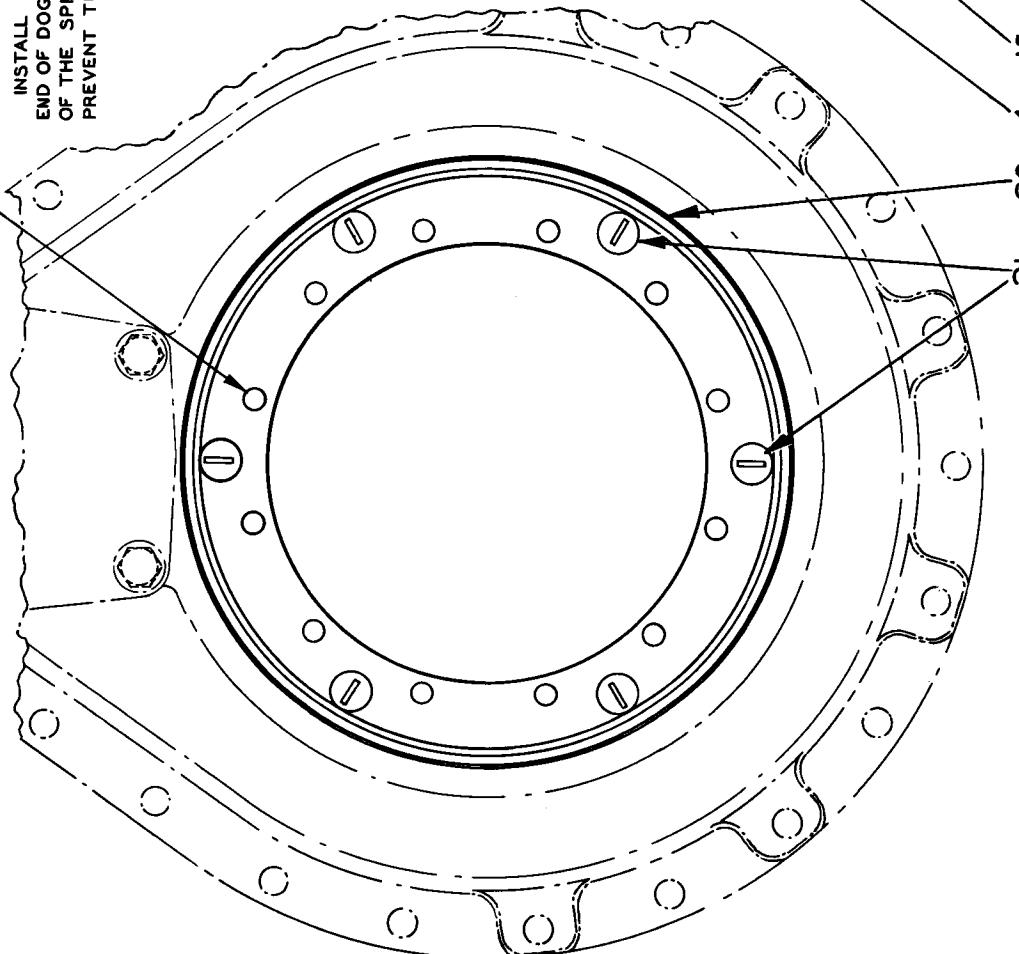
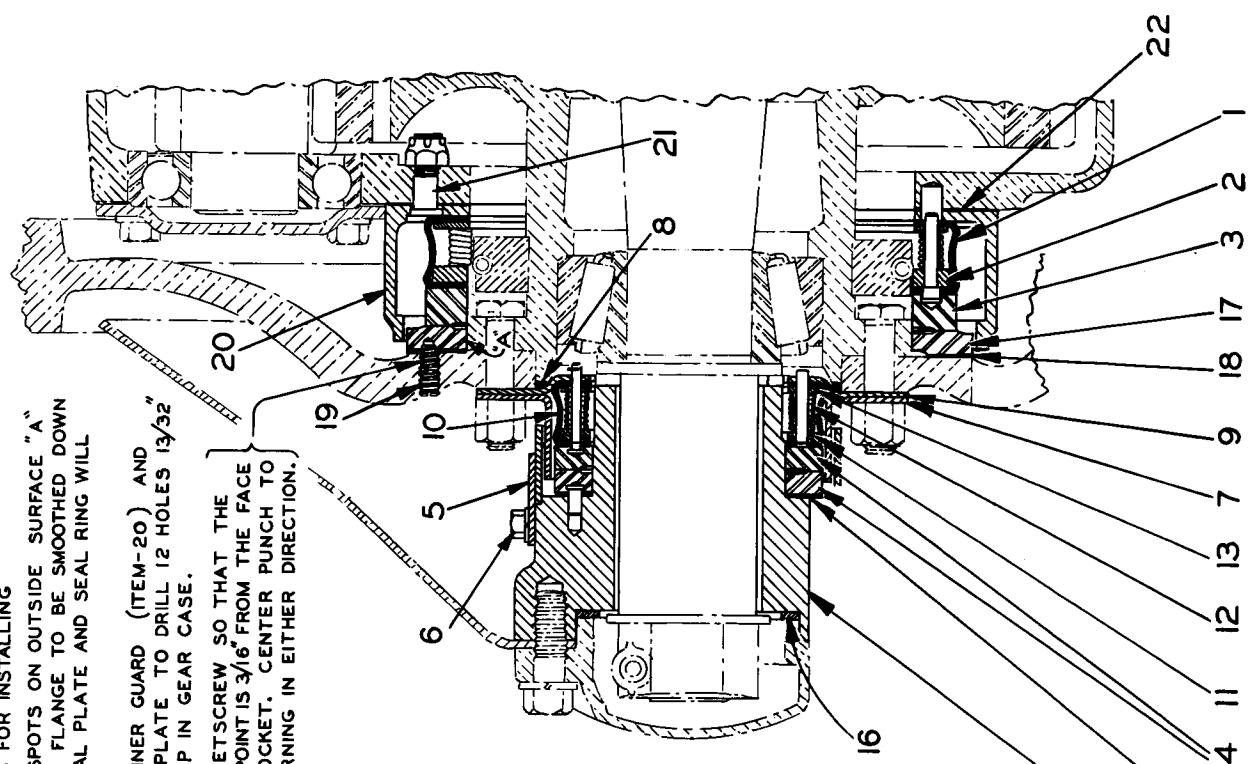
* 52" tread Model
** 63" tread Model

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	035687	2	DRUM, brake	
2	035018	16	CAPSCREW	
	-----	8	WIRE, locking (1/16" x 16") (Used on early units only)	
3	035688	2	HUB, brake drum	
4	035705	4	KEY, brake drum hub	
5	035078	2	NUT, brake drum hub retaining	
6	{ 033999	2	WASHER, locking, hub retaining nut (3-1/2" O. D.) (Used on tractors prior to #5810)	
	031202	2	WASHER, locking, hub retaining nut (4" O. D.) (Used on tractors #5810 and up)	
7	{ 041873	2	PINION (12" long) (Used on tractors prior to #12022)	
	050887	2	PINION (12" long) (Used on tractors #12022 and up)	
8	050880	-	PINION (17-1/2" long)	
9	033007	2	SEAL, pinion shaft (rubber)	065737
10	042856	2	BEARING, ball, drive pinion, inner	
11	042857	-	BEARING, ball, drive pinion, inner	
12	{ 041769	1	CAGE, pinion inner bearing, left	
	041770	1	CAGE, pinion inner bearing, right	
13	035061	10	CAPSCREW, 1/2"NC x 1-1/4"	
	904208	10	LOCKWASHER, 1/2"	
14	035232	2	GASKET, inner bearing cage	065737
15	036645	2	RING, snap, inner bearing retaining	
16	041798	2	SEAL, oil, brake drum hub	065737
17	036071	-	SPACER, pinion inner bearings	
18	042855	2	BEARING, ball, drive pinion, outer	
19	035807	2	COVER, pinion outer bearing	
20	035220	8	CAPSCREW, 1/2"NC x 1-1/8"	
	904208	8	LOCKWASHER, 1/2"	
21	037996	2	GASKET, outer bearing cover	065737

INSTRUCTIONS FOR INSTALLING

ALL HIGH SPOTS ON OUTSIDE SURFACE "A"
OF GEAR HUB FLANGE TO BE SMOOTHED DOWN
SO THAT SEAL PLATE AND SEAL RING WILL
NOT BIND.

INSTALL INNER GUARD (ITEM-20) AND
USE AS TEMPLATE TO DRILL 12 HOLES 13/32"
DIA. 7/16" DEEP IN GEAR CASE.
INSTALL SETSCREW SO THAT THE
END OF DOG POINT IS 3/16" FROM THE FACE
OF THE SPROCKET. CENTER PUNCH TO
PREVENT TURNING IN EITHER DIRECTION.



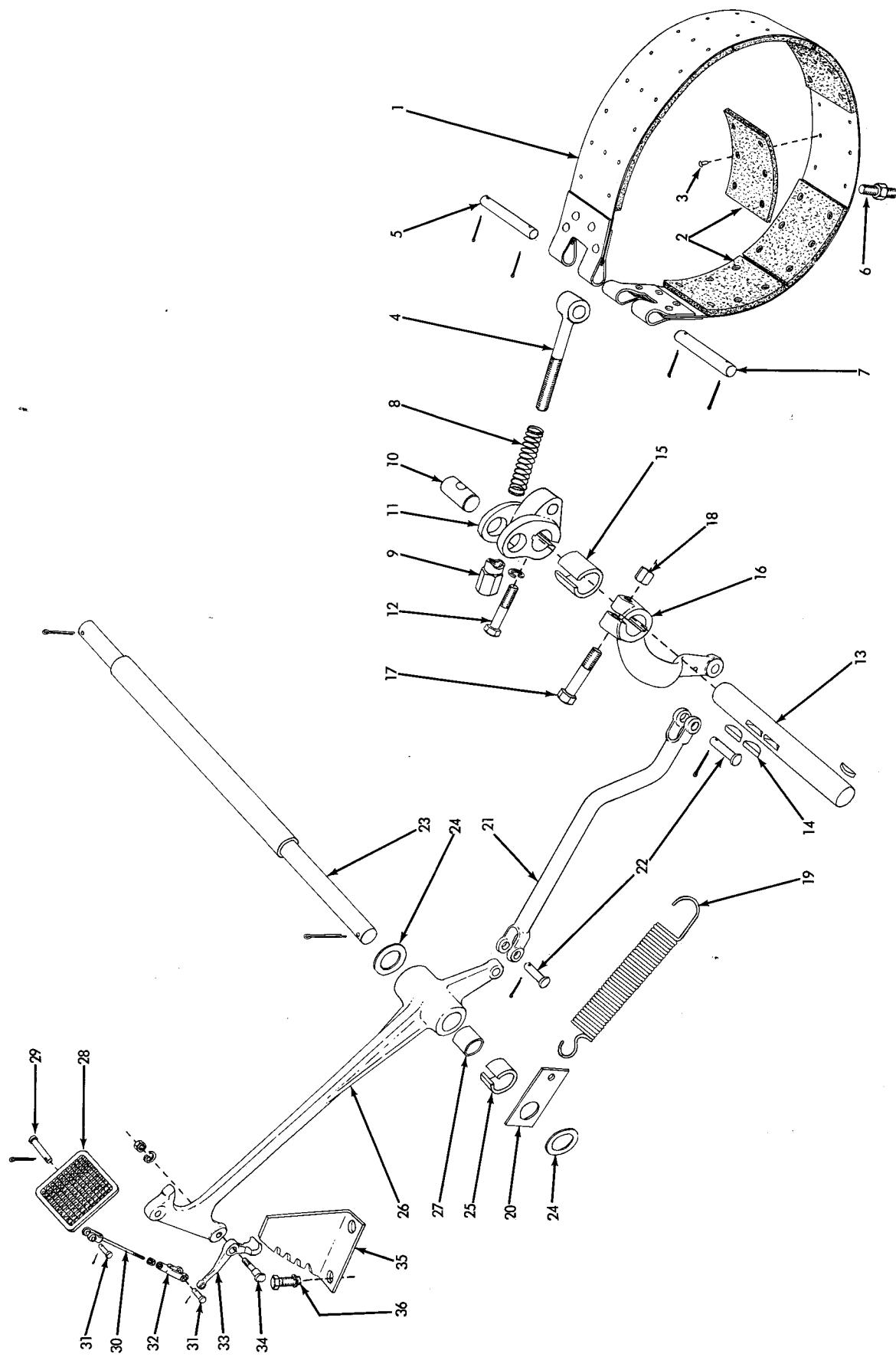
FINAL DRIVE SEAL CHANGEOVER

FINAL DRIVE SEAL CHANGEOVER

USAGE: The late type seal arrangement as used on tractors after serial No. 497 may be adapted to prior machines by installing 044454 CHANGEOVER KIT as listed below.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
-	044454	1	CHANGEOVER KIT, final drive seal (Consists of items 1 thru 22. Sufficient parts included for both sides of tractor)	
1	042858	2	BOOT, inner seal	
2	049696	2	DRIVE ASSEMBLY, inner seal	
3	049688	2	RING, inner seal	
4	{ 042921	1	BRACKET ASSEMBLY, left	
	{ 042922	1	BRACKET ASSEMBLY, right	
5	042925	2	SHED, dirt, outer seal	
6	035244	6	CAPSCREW, 3/8"NC x 3/4"	
	904206	6	LOCKWASHER, 3/8"	
7	042923	2	GUARD, outer seal	
8	043189	2	GASKET, outer seal driving plate	
9	042900	2	PLATE, outer seal driving	
10	042918	2	BOOT, outer seal	
11	049692	2	FOLLOWER ASSEMBLY, outer seal	
	904001	6	PIN, cotter, 3/32" x 1/2"	
12	042911	12	SPRING, outer seal follower	
13	042929	2	WASHER, outer seal follower	
14	049689	4	RING, outer seal	
15	042935	2	GASKET, outer seal ring	
16	034627	2	GASKET, end bracket cover	
17	044456	2	PLATE, inner seal	
18	044457	2	GASKET, inner seal plate	
19	914462	14	SETSCREW, headless, dog-pt., 3/8"NC x 1"	
20	044455	2	GUARD, inner seal	
21	044458	12	CAPSCREW (rd-hd., 1/2"NF x 1-1/2")	
	911054	12	NUT, castle, 1/2"NF	
	900802	12	PIN, cotter, 3/32" x 1"	
22	044874	2	GASKET, inner seal guard	

— BRAKE —



B R A K E

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 044845 044423	2 2	BAND ASSEMBLY, brake (Consists of BAND ASSEMBLY 044423 and items 4 and 5) BAND ASSEMBLY (Includes LININGS and RIVETS)(When making first replacement on tractors prior to #635 order BAND ASSEMBLY 044845)	
			NOTE: Items 2 thru 6 were used only on tractors serial No. 635 and up. Prior machines used a combination of bi-metallic and woven linings, neither type now being available. When lining replacement becomes necessary, order BAND ASSEMBLY 044845.	
2	044426	14	LINING, brake band (molded type, 4-5/8" long)	069584
3	078014	84	RIVET, tubular, brass, fl-hd., 3/16" x 9/32"	069584
4	044553	2	BOLT, eye	
5	037013 900806	2 4	PIN, eye bolt PIN, cotter, 1/8" x 1"	
6	012674 911028	2 2	SCREW, band supporting (1/2"NC x 2-1/8") NUT, 1/2"NC	
7	037013 900806	2 4	PIN, band PIN, cotter, 1/8" x 1"	
8	071436	2	SPRING, eye bolt	
9	034829	2	NUT, band adjustment	
10	071438	2	PIN, swivel, eye bolt	
11	034590	2	BELLCRANK	
12	028979 904208	2 2	CAPSCREW, 1/2"NC x 2-1/2" LOCKWASHER, 1/2"	
13	034589	2	SHAFT, bellcrank	
14	034583	6	KEY, #18 woodruff, hardened, 1/4" x 1-1/8"	
15	034597	2	SPACER, bellcrank	
16	{ 034599 034600	1 1	LEVER, left bellcrank shaft (shown) LEVER, right bellcrank shaft	
17	035892	2	CAPSCREW, 1/2"NF x 2-1/2"	
18	038234	2	NUT, high, 1/2"NF	
19	035942	2	SPRING, lever retracting	
20	041702	2	SUPPORT, lever retracting spring	
21	041958	2	ROD, control	
22	033072 910967	4 4	PIN, control rod PIN, cotter, 1/8" x 7/8"	
23	041941 910302	1 2	SHAFT, pedal lever PIN, cotter, 5/32" x 1-1/4"	
24	035467	3	WASHER, pedal lever shaft	
25	035954	1	SPACER, pedal lever	
26	041942	2	LEVER ASSEMBLY, pedal (Includes item 27)	
27	034514	4	BUSHING, pedal lever	
28	035938	2	PAD, pedal lever	
29	035934 900942	2 2	PIN, pedal lever pad PIN, cotter, 3/32" x 5/8"	

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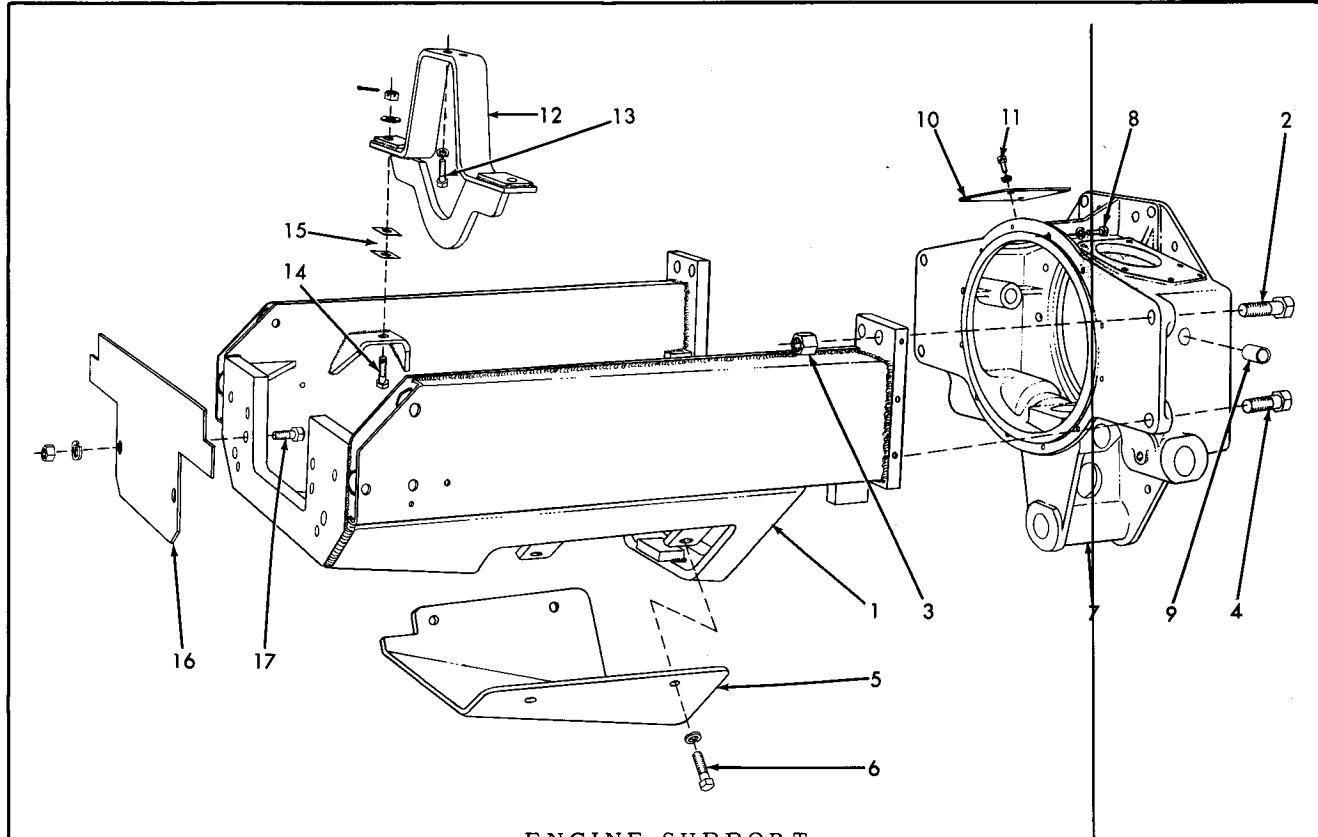
B R A K E (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
30	070636 911040	2	ROD, locking pawl NUT, 1/4"NF	
31	033068 911063	4	PIN, pawl rod PIN, cotter, 1/16" x 7/16"	
32	033052	2	YOKE, pawl rod	
33	{ 034602 034601	1 1	PAWL, locking, left brake (shown) PAWL, locking, right brake	
34	041948 911041 904206	2 2 2	PIN, locking pawl NUT, 3/8"NF LOCKWASHER, 3/8"	
35	{ 041949 041950	1 1	RATCHET, left locking pawl (shown) RATCHET, right locking pawl	
36	035061 904208	4 4	CAPSCREW, 1/2"NC x 1-1/4" LOCKWASHER, 1/2"	

PAINTING AND MARKING

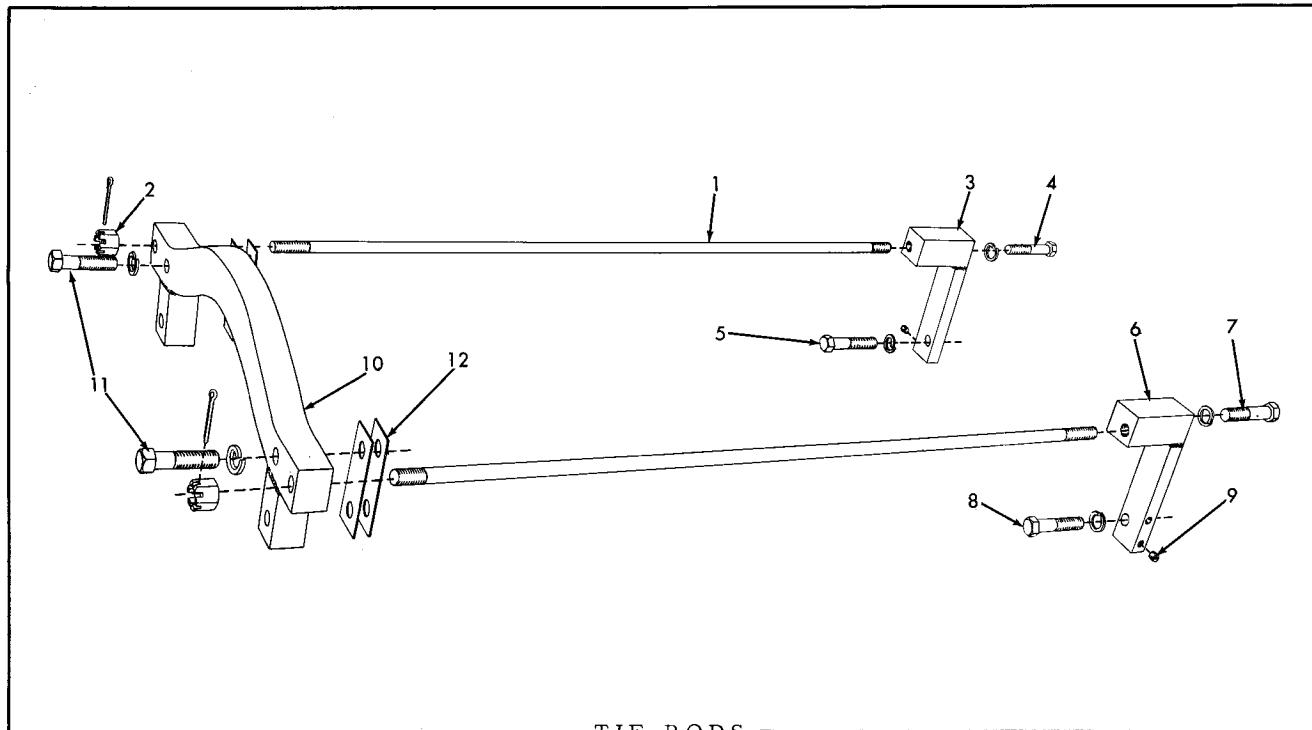
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	914932	-	ENAMEL, persian orange, quart can	
2	914966	-	ENAMEL, persian orange, gallon can	For spraying. Approx. 2-3/4 gallons required
3	914933	-	ENAMEL, persian orange, quart can	
4	914967	-	ENAMEL, persian orange, gallon can	For brushing
5	915884	-	ENAMEL, persian orange, 12 ounce pressurized spray-type can (For touch-up)	
			NOTE: All plates and transfers listed below are English language printings unless otherwise indicated.	
6	055023	1	PLATE, general instruction (5" x 7-1/8") (Attached to dash)	
7	034076	4	SCREW, thread-cutting, cross-recessed-hd., #8 x 1/2"	
8	069410	1	*TRANSFER, caution, engine lubricating oil (1-1/2" x 2-3/8") (Applied to oil filler tube. Also see BLOWER DRIVE for early type caution PLATE)	
9	069314	1	*TRANSFER, caution, fan lubrication (1" x 1-3/4") (Applied to fan pulley)	061487
10	051514	1	TRANSFER, instruction, air heater operation (2" x 6") (Applied to dash)	
11	069407	1	*TRANSFER, instruction, engine primer (1-3/4" x 6") (Applied to dash)	061487
12	{ 050842	1	TRANSFER, instruction, air cleaner (1-1/2" x 3-3/4") (Applied to air cleaner)	061487
	{ 074578	1	*TRANSFER, instruction, air cleaner (Spanish translation, 1-5/8" x 4") (Applied to air cleaner)	
13	{ 050838	1	TRANSFER, instruction, air pre-cleaner (Applied to air pre-cleaner) ..	061487
	{ 074577	1	*TRANSFER, instruction, air pre-cleaner (Spanish translation, 1-5/8" x 4") (Applied to air pre-cleaner)	
14	{ 074729	1	*TRANSFER, instruction, standard oil filter (2-1/4" x 2-1/2") (Applied to oil filter)	061487
	{ 074582	1	*TRANSFER, instruction, oil filter (Spanish translation, 1-1/8" x 4") (Applied to oil filter)	
15	{ 060611	2	TRANSFER, instruction, fuel filter (1-7/16" x 4") (Applied to fuel filter)	061487
	{ 074581	2	*TRANSFER, instruction, fuel filter (Spanish translation, 1-7/16" x 4") (Applied to fuel filter)	
16	077289	1	*TRANSFER, multi-language warning, special heavy-duty oil filter (4-1/8" x 10') (Applied to oil filter)	
17	041832	2	TRANSFER, identification, "ALLIS-CHALMERS HD7 DIESEL" (4-1/2" x 14-3/4") (Applied to sides of seat)	061487
18	068832	2	*TRANSFER, name, "ALLIS-CHALMERS" (3" x 30-1/2") (Applied to engine hood)	061487
19	068830	1	*TRANSFER, name, "ALLIS-CHALMERS" (1-3/4" x 12-3/4") (Applied to rear of fuel tank)	061487
20	041834	1	TRANSFER, identification, "HD7 DIESEL" (2-1/8" x 14-3/4") (Applied to rear of fuel tank)	061487
21	-----	1	MONOGRAM, radiator shell (See RADIATOR SHELL)	
22	067937	-	CEMENT, transfer application, 1/2 pint jar (Makes solution by adding 4 parts water. Required to apply transfers indicated by asterisk (*) above).	

*Indicates permanent-type transfer. See item 22.



ENGINE SUPPORT

PART ITEM NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	051656	1 SUPPORT ASSEMBLY, engine (Includes items 5 and 6)(Also see page 195 for special Support used with ENGINE COOLANT HEATER)	
2	034314	2 CAPSCREW, 1"NF x 4"	
3	600236	2 NUT, high, 1"NF	
4	035420	2 CAPSCREW, 1"NF x 3-1/4"	
	910916	2 LOCKWASHER, 1"	{ Used only on tractors prior to #5403
5	041436	1 COVER, engine support (Also see page 195 for special Cover used with ENGINE COOLANT HEATER)	
6	035014	4 CAPSCREW, 5/8"NF x 1-1/2"	
	904209	4 LOCKWASHER, 5/8"	
7	047254	1 SPACER ASSEMBLY, engine to transmission (Includes item 9) (When required for tractors prior to #11630 also furnish 1 SET-SCREW 903984 to assure fit)	
8	070960	10 CAPSCREW, 3/8"NC x 1-1/2"	
	904206	10 LOCKWASHER, 3/8"	
9	035285	4 BUSHING, engine clutch throwout yoke shaft	
10	041439	2 PLATE, cover, engine spacer	
11	035221	8 CAPSCREW, 1/2"NC x 1"	
	904208	8 LOCKWASHER, 1/2"	
12	{ 041432	1 SUPPORT, engine, front (Used on tractors prior to #5403)	
	049571	1 SUPPORT, engine, front (Used on tractors #5403 and up)	
13	040202	2 CAPSCREW, 9/16"NC x 1-3/4"	
	910153	2 LOCKWASHER, 9/16"	
14	049458	2 BOLT (drilled end, 5/8"NF x 2-1/2")	
	900819	4 WASHER, plain, U.S. std., 5/8"	
	912840	2 NUT, slotted, 5/8"NF	
	910302	2 PIN, cotter, 5/32" x 1-1/4"	
15	{ 040081	12 SHIM, engine front support (1/32" thick. Use as req'd)	
	049651	2 SHIM, engine front support (.010" thick. Use as req'd)	
16	056133	1 BAFFLE, air (Started with tractor #12477)	
17	012742	2 CAPSCREW, 3/4"NF x 2-1/4"	
	904369	2 LOCKWASHER, 3/4"	
	911045	2 NUT, 3/4"NF	



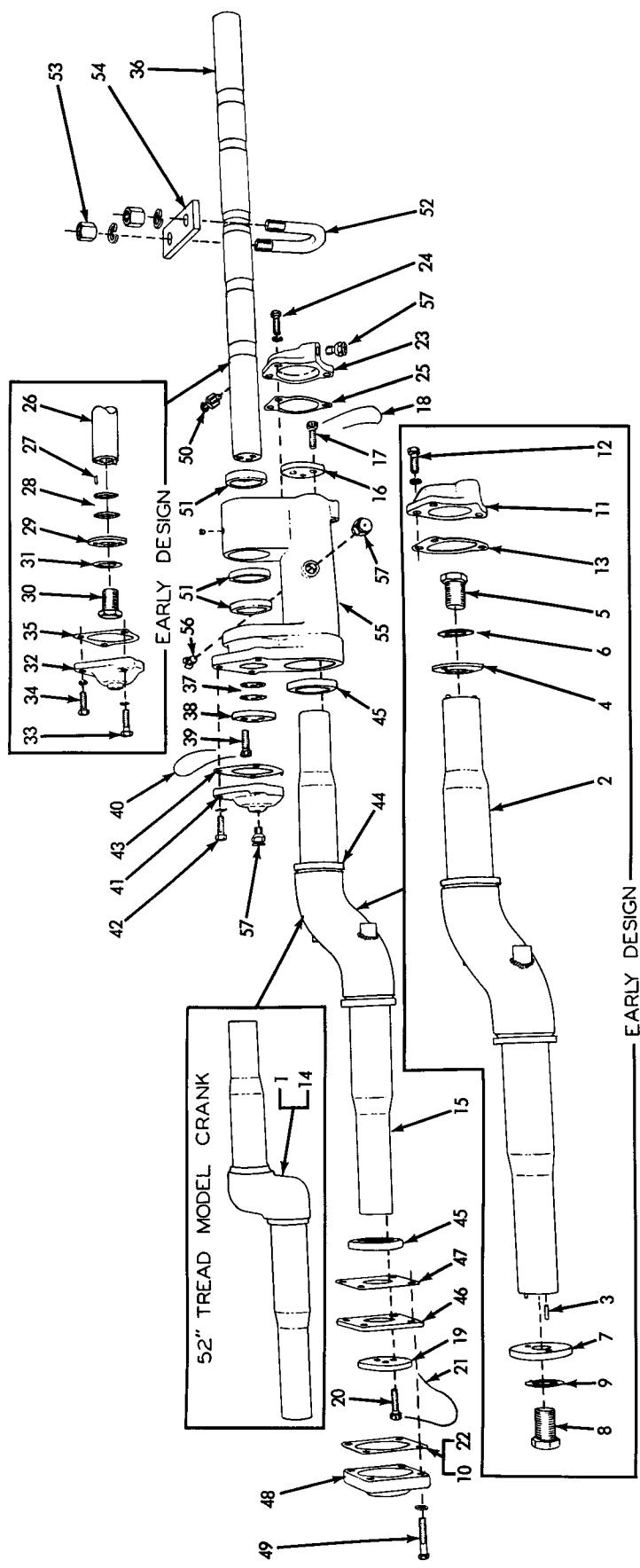
TIE RODS

USAGE: Standard equipment on tractors #5403 and up. To install on prior machines order TIE ROD GROUP 044234.

* Tractors prior to #11151
** Tractors #11151 and up

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	{ 049057 052320	2 -	ROD, tie (55-1/2" long). ROD, tie (52-1/2" long)	044234
2	044241 901344	2 2	NUT, slotted, 1"NF PIN, cotter, 1/4" x 2"	044234 044234
3	{ 044236 053201	1 -	PLATE, front BRACKET, front, left side	044234
4	041069	1	CAPSCREW, 1"NF x 4"	
5	036546	1	CAPSCREW, 1"NF x 4-1/4"	044234
	910916	2	LOCKWASHER, 1"	044234
6	{ 044236 053202	1 -	PLATE, front BRACKET, front, right side	044234
7	041069	1	CAPSCREW, 1"NF x 4"	
8	036546	1	CAPSCREW, 1"NF x 4-1/4"	044234
	910916	2	LOCKWASHER, 1"	044234
9	049667	4	PLUG, thread protecting (3/4"NF)(Started with tractor #6003)	044234
10	{ 049255 053555	1 -	PLATE, rear (1-1/4" thick) PLATE, rear (2" thick)	044234
11	{ 037694 031914	2 -	CAPSCREW, 1"NC x 3" CAPSCREW, 1"NC x 3-1/2"	044234
	910916	2	LOCKWASHER, 1"	044234
12	064058	-	SHIM, rear plate (9/64" thick. Use as req'd)	

STABILIZER CRANK



S T A B I L I Z E R C R A N K

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
				USAGE: All tractors except those equipped with RIGID BEAM.
NOTE: Items 1 thru 13 comprise the EARLY TYPE CRANK ARRANGEMENT as used on 52" tread tractors prior to #12382 and on 63" tread tractors prior to #11215. All thrust washers are retained by a single 1-1/8" diameter capscrew.				
1	-----	2	CRANK (For 52" tread model)(Not available. Use 1 CRANK 052437, 2 WIRES 023633, 2 CAPSCREWS 035190, 1 CAPSCREW 035236, 2 COLLARS 037590, 1 WASHER 052438, 1 GASKET 052523, 6 CAPSCREWS 052526, 1 WASHER, 052528, 1 GASKET 052531 and 1 CAP 073317 if for left side or 1 CAP 073318 if for right side)	
2	-----	2	CRANK (For 63" tread model)(Not available. Use 1 CRANK 052738, 2 WIRES 023633, 2 CAPSCREWS 035190, 1 CAPSCREW 035236, 2 COLLARS 037590, 1 WASHER 052438, 1 GASKET 052523, 6 CAPSCREWS 052526, 1 WASHER, 052528, 1 GASKET 052531 and 1 CAP 073317 if for left side or 1 CAP 073318 if for right side)	
3	035793	8	PIN, dowel, stabilizer crank	
4	033792	2	WASHER, thrust, crank inner end	
5	037074	2	CAPSCREW (thin-hd., 1-1/8"NF x 1-1/2")	
6	037600	2	WASHER, capscrew locking	
7	041550	2	WASHER, thrust, crank outer end	
8	037074	2	CAPSCREW (thin-hd., 1-1/8"NF x 1-1/2")	
9	037600	2	WASHER, capscrew locking	
10	041549	2	GASKET, crank outer cap (1/32" thick)	
11	037651	1	CAP, crank inner end, left	
	037652	1	CAP, crank inner end, right	
12	035733	6	CAPSCREW, 1/2"NC x 1-3/8"	
	904208	6	LOCKWASHER, 1/2"	
13	037653	2	GASKET, crank inner cap (1/32" thick)	
NOTE: Items 14 thru 25 comprise the LATE TYPE CRANK ARRANGEMENT as used on 52" tread tractors #12382 and up, and on 63" tread tractors #11215 and up. All thrust washers are retained by three 1/2" diameter capscrews.				
14	052437	2	CRANK (For 52" tread model)	
15	052738	2	CRANK (For 63" tread model)	
16	052438	2	WASHER, thrust, crank inner end	
17	052526	6	CAPSCREW (drilled-hd., 1/2"NF x 1-1/2")	
18	023633	2	WIRE, locking (1/16" x 12")	
19	052528	2	WASHER, thrust, crank outer end	
20	052526	6	CAPSCREW (drilled-hd., 1/2"NF x 1-1/2")	
21	023633	2	WIRE, locking (1/16" x 12")	
22	052531	2	GASKET, crank outer cap (.010" thick)	
23	073317	1	CAP, crank inner end, left (When making first replacement also furnish 2 CAPSCREWS 035190 and 1 CAPSCREW 035236)	
	073318	1	CAP, crank inner end, right (When making first replacement also furnish 2 CAPSCREWS 035190 and 1 CAPSCREW 035236)	
24	035733	6	CAPSCREW, 1/2"NC x 1-3/8" (Original equipment)	
	035190	4	CAPSCREW, 1/2"NC x 1-1/2"] Used with new service re-	
	035236	2	CAPSCREW, 1/2"NC x 1-3/4" } placement caps only.	
	904208	6	LOCKWASHER, 1/2"	

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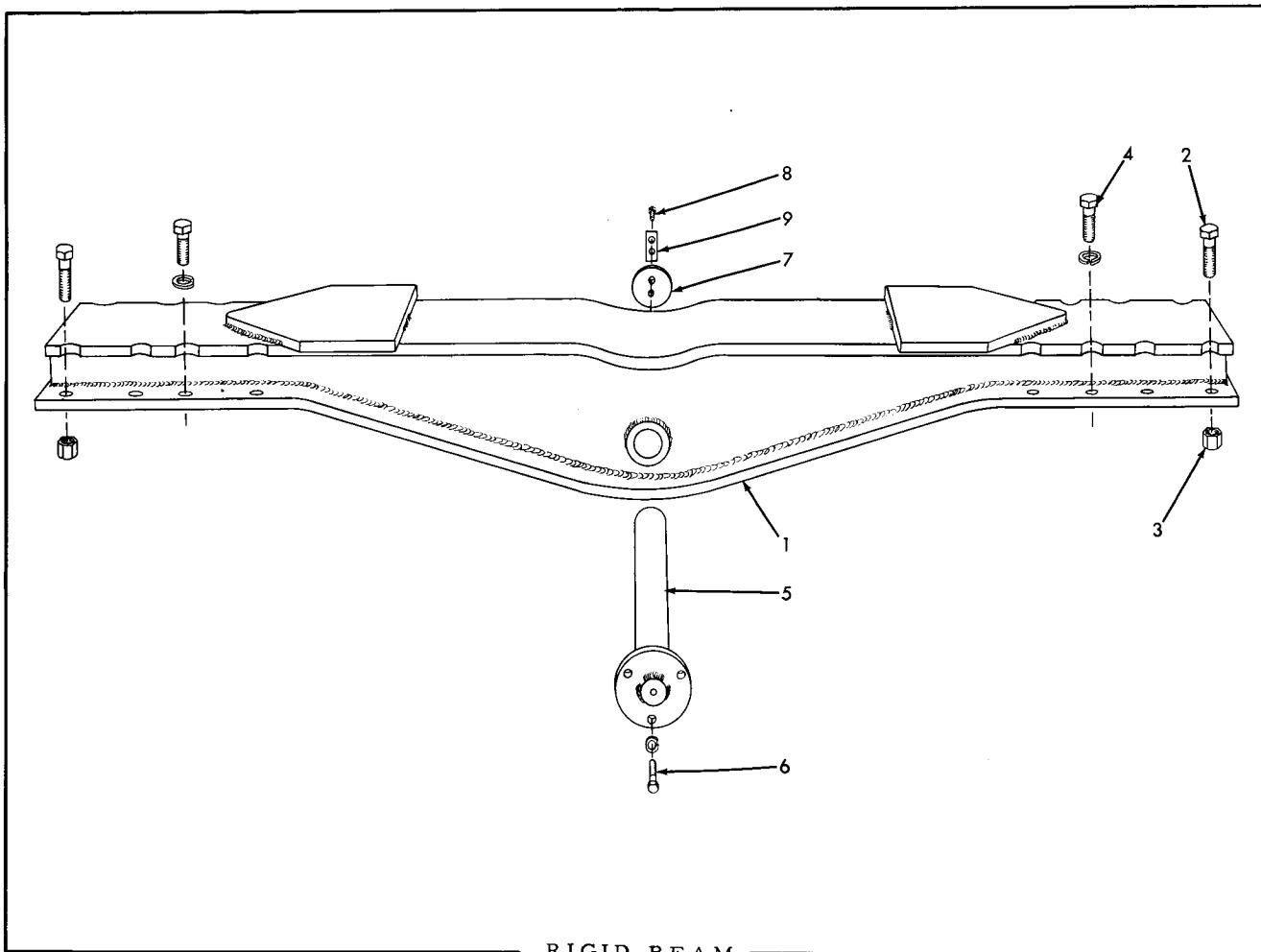
S T A B I L I Z E R C R A N K (Continued)

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
25	052523	2	GASKET, crank inner cap (.010" thick)	
			NOTE: Items 26 thru 35 comprise the EARLY TYPE LINK SHAFT ARRANGEMENT as used on tractors prior to serial No. 11215 and including tractors No. 12190, 12210 thru 12236, and 12238 thru 12245.	
26	-----	1	SHAFT, stabilizer link (Not available. Use items 36 thru 43)	
27	035793	4	PIN, dowel, link shaft	
28	{ 034823	3	SHIM, link shaft (.010" thick. Use as req'd)	
	034824	2	SHIM, link shaft (.030" thick. Use as req'd)	
29	{ 033791	2	WASHER, thrust, link shaft (2-3/4" diam.)(Tractors prior to #1279)	
	033792	2	WASHER, thrust, link shaft (3" diam.)(Started with tractor #1279)	
30	037074	2	CAPSCREW (thin-hd., 1-1/8"NF x 1-1/2")	
31	037600	2	WASHER, capscrew locking	
32	047255	2	CAP, link shaft	
33	035190	4	CAPSCREW, 1/2"NC x 1-1/2"	
34	035733	2	CAPSCREW, 1/2"NC x 1-3/8"	
	904208	6	LOCKWASHER, 1/2"	
35	037654	2	GASKET, link shaft cap (1/32" thick)	
			NOTE: Items 36 thru 43 comprise the LATE TYPE LINK SHAFT ARRANGEMENT as used on tractors serial No. 11215 and up, excluding tractors No. 12190, 12210 thru 12236, and 12238 thru 12245.	
36	052439	1	SHAFT, stabilizer link	
37	{ 052441	3	SHIM, link shaft (.010" thick. Use as req'd)	
	052442	2	SHIM, link shaft (.030" thick. Use as req'd)	
38	052438	2	WASHER, thrust, link shaft	
39	052526	6	CAPSCREW (drilled-hd., 1/2"NF x 1-1/2")	
40	023633	2	WIRE, locking (1/16" x 12")	
41	052440	2	CAP, link shaft	
42	035190	6	CAPSCREW, 1/2"NC x 1-1/2"	
	904208	6	LOCKWASHER, 1/2"	
43	052443	2	GASKET, link shaft cap (.010" thick)	
44	037590	4	COLLAR, stabilizer crank	
45	037675	4	SEAL, oil, stabilizer crank	
46	041542	2	WASHER, wear, outer end of crank	
47	041399	2	GASKET, wear washer	
48	041537	2	CAP, crank outer end	
49	035712	8	CAPSCREW, 1/2"NC x 2-1/4"	
	904208	8	LOCKWASHER, 1/2"	
50	{ 041592	1	SETSCREW, hex-hd., dog-pt., 5/8"NC x 1-1/2" (Tractors prior to #1279)	
	041591	1	LOCK, setscrew	
	910215	1	SETSCREW, sq-hd., dog-pt., 5/8"NC x 2" (Tractors #1279 thru #11629)	
	911036	1	NUT, jam, 5/8"NC	
	903984	1	SETSCREW, sq-hd., dog pt., 5/8"NC x 2-1/2" (Tractors #11630 and up)	
	911036	1	NUT, jam, 5/8"NC	
51	037676	6	SEAL, oil, link shaft	

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STABILIZER CRANK (Continued)

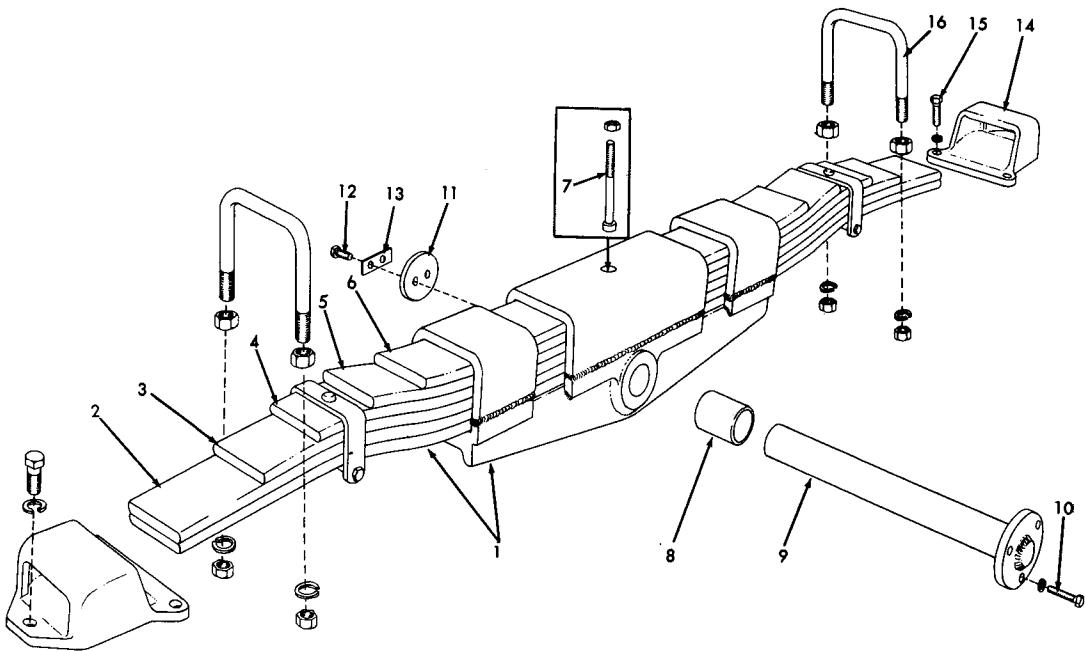
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
52	047064	1	U-BOLT, link shaft (Used on tractors #1279 and up)	
53	070400	2	NUT, high, 7/8"NF	
	905347	2	LOCKWASHER, 7/8"	
54	047070	1	PLATE, link shaft U-bolt (Used on tractors #1279 and up)	
55	033324	2	LINK ASSEMBLY (Each includes 1 PLUG 910230)	
	910230	2	PLUG, pipe, headless, 1/8"NPT	
56	042373	2	PLUG, stabilizer link grease hole	
57	036045	6	FITTING, lubricating, giant button head, 5/8"NF	



RIGID BEAM

USAGE: For 63" tread models only. Binds both truck frames together rigidly. Not used on tractors equipped with Stabilizer Spring.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	051008	1	BEAM, rigid	
2	013465	8	CAPSCREW, 3/4"NF x 2-1/2"	
3	012767	8	NUT, high, 3/4"NF	
4	012742	8	CAPSCREW, 3/4"NF x 2-1/4"	
	904369	8	LOCKWASHER, 3/4"	
5	051009	1	SHAFT, supporting	
6	070960	3	CAPSCREW, 3/8"NC x 1-1/2"	
	904206	3	LOCKWASHER, 3/8"	
7	041594	1	WASHER, beam retaining	
8	070469	2	CAPSCREW, 1/2"NF x 1-1/4"	
9	041593	1	LOCK, capscrew	

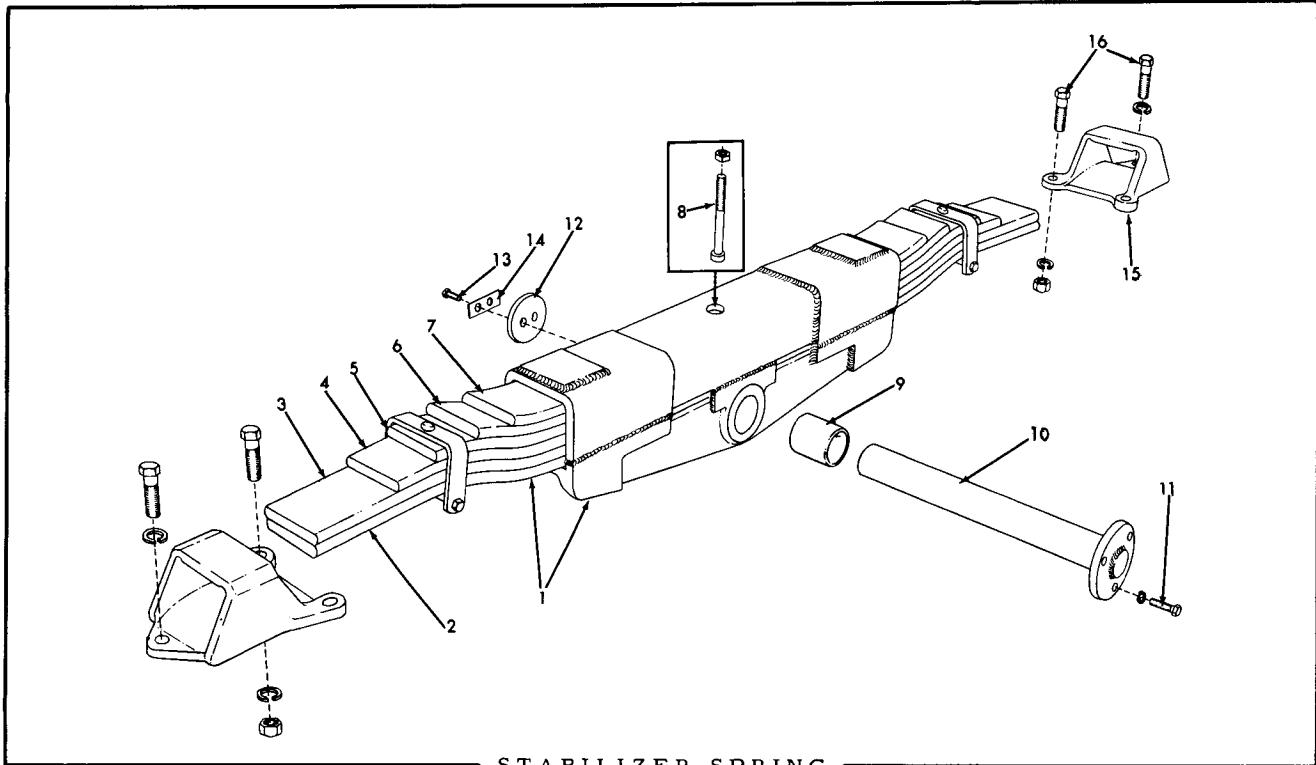


STABILIZER SPRING

USAGE: Tractors prior to serial No. 7719 except units equipped with RIGID BEAM.

* 52" Tread Model
** 63" Tread Model

PART QUANTITY	ITEM NUMBER	*	**	DESCRIPTION	KIT NUMBER
1	{ 041587	1	-	SPRING ASSEMBLY (55" long)(Includes items 2 thru 8)	
	041595	-	1	SPRING ASSEMBLY (66" long)(Includes items 2 thru 8)	
2	{ 041765	2	-	LEAF, main (55" long)	
	041586	-	2	LEAF, main (66" long)	
3	{ 041764	1	-	LEAF, fourth (43" long)	
	041585	-	1	LEAF, fourth (56" long)	
4	{ 041763	1	-	LEAF ASSEMBLY, third (33" long. Includes rebound CLIPS)	
	041584	-	1	LEAF ASSEMBLY, third (48" long. Includes rebound CLIPS)	
5	{ 041762	1	-	LEAF, second (24" long)	
	041583	-	1	LEAF, second (41" long)	
6	{ 041761	1	-	LEAF, top (18" long)	
	041582	-	1	LEAF, top (34" long)	
7	033387	1	1	BOLT, center	
	911043	1	1	NUT, 1/2"NF	
8	041598	2	2	BUSHING, pivot	
9	041601	1	1	SHAFT, pivot	
10	070960	3	3	CAPSCREW, 3/8"NC x 1-1/2"	
	904206	3	3	LOCKWASHER, 3/8"	
11	041594	1	1	WASHER, spring retaining	
12	070469	2	2	CAPSCREW, 1/2"NF x 1-1/4"	
13	041593	1	1	LOCK, capscrew	
14	041415	2	2	SEAT, stabilizer spring	
15	035014	6	6	CAPSCREW, 5/8"NF x 1-1/2"	
	904209	6	6	LOCKWASHER, 5/8"	
16	037152	2	2	U-BOLT, inner channel	
	911045	8	8	NUT, 3/4"NF	
	904369	4	4	LOCKWASHER, 3/4"	

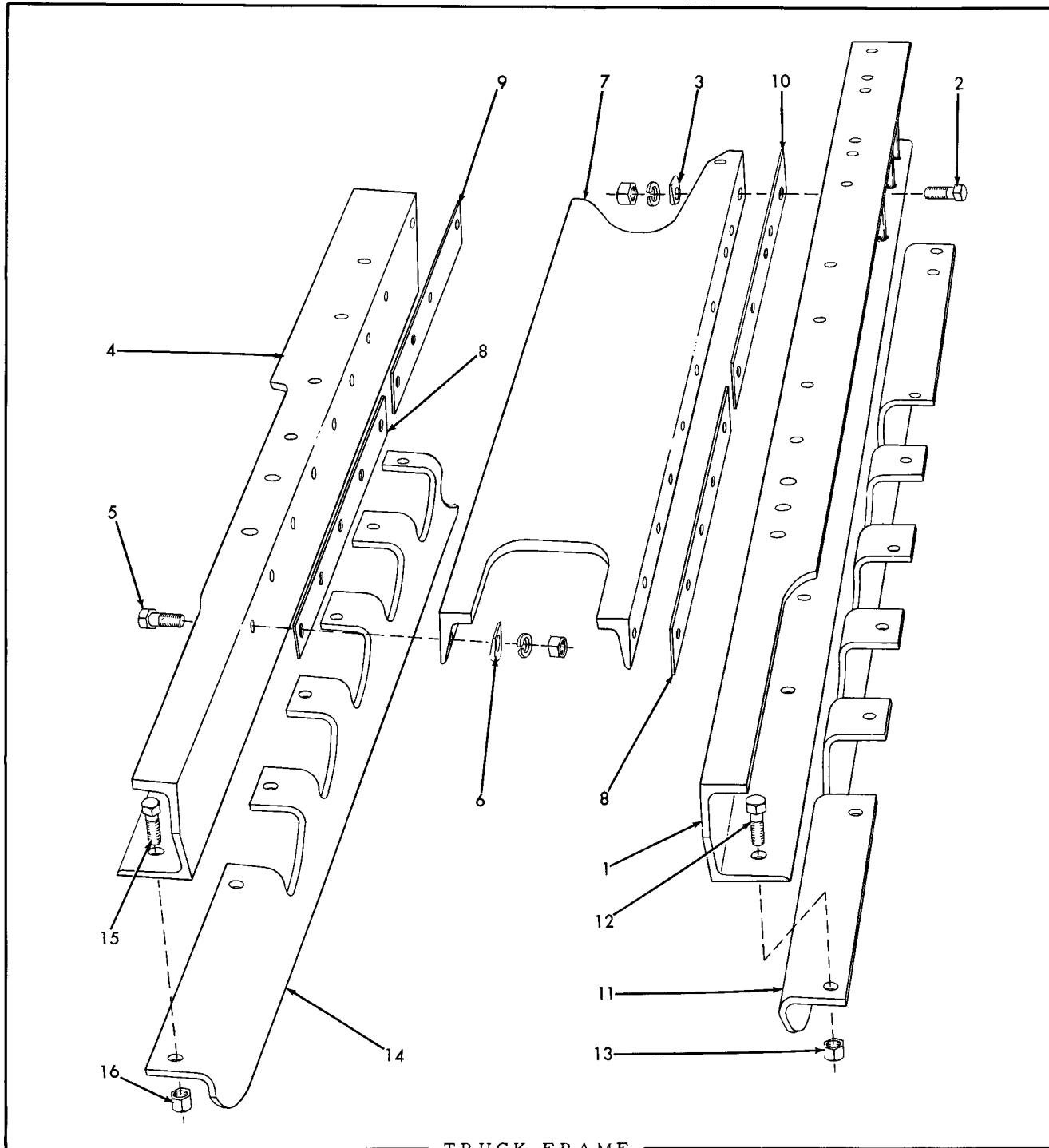


STABILIZER SPRING

USAGE: Tractors serial No. 7719 and up except units equipped
with RIGID BEAM.

* 52" Tread Model
** 63" Tread Model

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	{ 049722	1	- SPRING ASSEMBLY (51" long)(Includes items 2 thru 9)	
	049715	-	1 SPRING ASSEMBLY (62" long)(Includes items 2 thru 9)	
2	{ 049717	1	- LEAF, main (51" long)	
	049706	-	1 LEAF, main (62-1/2" long)	
3	{ 058148	1	- LEAF, fifth (51" long)	
	058744	-	1 LEAF, fifth (62" long)	
4	{ 049718	1	- LEAF, fourth (41" long)	
	049707	-	1 LEAF, fourth (52" long)	
5	{ 049719	1	- LEAF ASSEMBLY, third (35-3/4" long. Includes rebound CLIPS)	
	049708	-	1 LEAF ASSEMBLY, third (47" long. Includes rebound CLIPS)	
6	{ 049720	1	- LEAF, second (29-3/4" long)	
	049709	-	1 LEAF, second (41-5/8" long)	
7	{ 049721	1	- LEAF, top (23-3/4" long)	
	049710	-	1 LEAF, top (36" long)	
8	033387	1	1 BOLT, center	
	911043	1	1 NUT, 1/2"NF	
9	041598	2	2 BUSHING, pivot	
10	041601	1	1 SHAFT, pivot	
11	070960	3	3 CAPSCREW, 3/8"NC x 1-1/2"	
	904206	3	3 LOCKWASHER, 3/8"	
12	041594	1	1 WASHER, spring retaining	
13	070469	2	2 CAPSCREW, 1/2"NF x 1-1/4"	
14	041593	1	1 LOCK, capscrew	
15	063966	2	2 SEAT, stabilizer spring	
16	012453	6	6 CAPSCREW, 3/4"NF x 2"	
	904369	6	6 LOCKWASHER, 3/4"	
	911045	4	4 NUT, 3/4"NF	



TRUCK FRAME

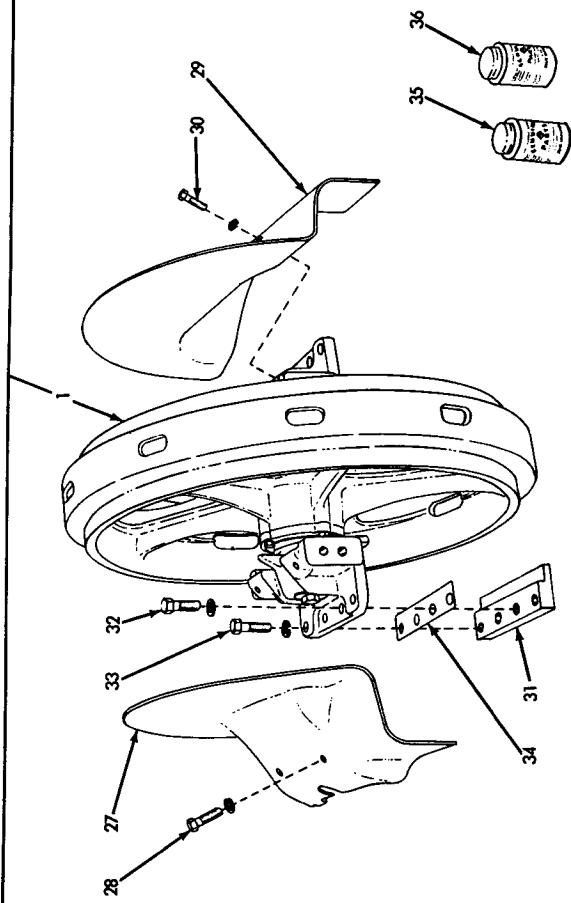
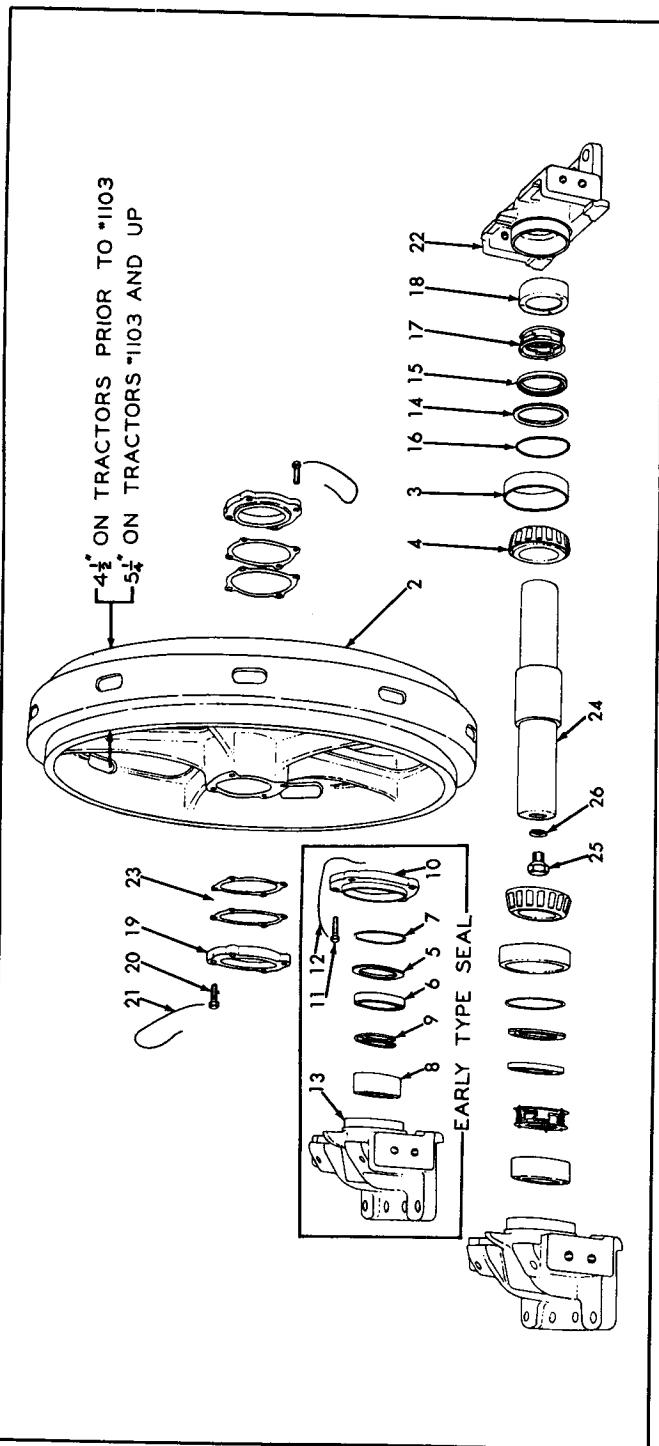
* Short Track Model
** Long Track Model

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	077843	1	CHANNEL, outer, left truck frame (When making first replacement furnish CHANNEL KIT 077853. When for tractors prior to #9335 also furnish 4 CAPSCREWS 035541)	077853
	069097	-	CHANNEL, outer, left truck frame	
	077844	1	CHANNEL, outer, right truck frame (When making first replacement furnish CHANNEL KIT 077854. When for tractors prior to #9335 also furnish 4 CAPSCREWS 035541).	077854
	069098	-	CHANNEL, outer, right truck frame	

(Continued)

TRUCK FRAME (Continued)

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
2	{ 035229 045524	20 2	CAPSCREW, 5/8"NF x 2" CAPSCREW, 5/8"NF x 4-1/2" (Replaced CAPSCREW 035229 on limited number of units after serial No. 13535)	
	904209	20	LOCKWASHER, 5/8"	
3	911044	20	NUT, 5/8"NF	
	035543	20	WASHER, bevel, 5/8"	
4	{ 077875 053129	1 -	CHANNEL, inner, left truck frame (When making first replacement furnish CHANNEL KIT 077873)	077873
	077876	1	CHANNEL, inner, right truck frame (When making first replacement furnish CHANNEL KIT 077872)	077872
	053130	-	CHANNEL, inner, right truck frame	
5	035229	18	CAPSCREW, 5/8"NF x 2"	
	904209	18	LOCKWASHER, 5/8"	
6	911044	18	NUT, 5/8"NF	
	035543	18	WASHER, bevel, 5/8"	
7	{ 048235 053105	1 -	CHANNEL, top, left truck frame CHANNEL, top, left truck frame	
	048236	1	CHANNEL, top, right truck frame	
	053106	-	CHANNEL, top, right truck frame	
8	{ 036066 053194	4 -	STRIP, filler, front (23-1/2" long) STRIP, filler, front (32-1/2" long)	
9	041416	2	STRIP, filler, rear inner (22-1/2" long)	
10	041417	2	STRIP, filler, rear outer (29-3/4" long)	
	034289	1	GUARD, outer, left truck frame (Tractors prior to #1103)	
	044431	1	GUARD, outer, left truck frame (Tractors #1103 and up)	
	064051	1	GUARD, outer, left truck frame (Special. For tractors equipped with 27-1/2" diam. track idler)	
11	{ 053115 034290	- 1	GUARD, outer, left truck frame GUARD, outer, right truck frame (Tractors prior to #1103)	
	044432	1	GUARD, outer, right truck frame (Tractors #1103 and up)	
	064052	1	GUARD, outer, right truck frame (Special. For tractors equipped with 27-1/2" diam. track idler)	
	053116	-	GUARD, outer, right truck frame	
12	{ 023465 035229	18 20	CAPSCREW, 5/8"NF x 1-5/8" (Original equipment) CAPSCREW, 5/8"NF x 2" (Required when new type replace- ment truck frame channels are installed)	077853, 54
13	072366	18	NUT, high, 5/8"NF	
	034287	1	GUARD, inner left truck frame (Tractors prior to #1103)	
	047555	1	GUARD, inner, left truck frame (Tractors #1103 and up)	
	064049	1	GUARD, inner left truck frame (Special. For tractors equipped with 27-1/2" diam. track idler)	
14	{ 053189 034288	- 1	GUARD, inner, left truck frame GUARD, inner, right truck frame (Tractors prior to #1103)	
	047556	1	GUARD, inner, right truck frame (Tractors #1103 and up)	
	064050	1	GUARD, inner, right truck frame (Special. For tractors equipped with 27-1/2" diam. track idler)	
	053190	-	GUARD, inner, right truck frame	
15	{ 023465 035229	14 16	CAPSCREW, 5/8"NF x 1-5/8" (Original equipment) CAPSCREW, 5/8"NF x 2" (Required when new type replace- ment truck frame channels are installed	077872, 73
16	072366	14	NUT, high, 5/8"NF	
--	035229	4	CAPSCREW, 5/8"NF x 2"	
--	072366	4	NUT, high, 5/8"NF	
--	900819	4	WASHER, plain, U.S. std., 5/8"	
				Attach GUARDS 064049 064050, 064051 and 064052 at front end.



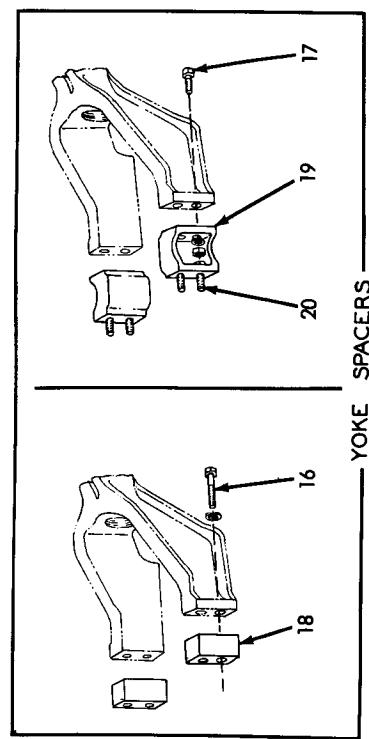
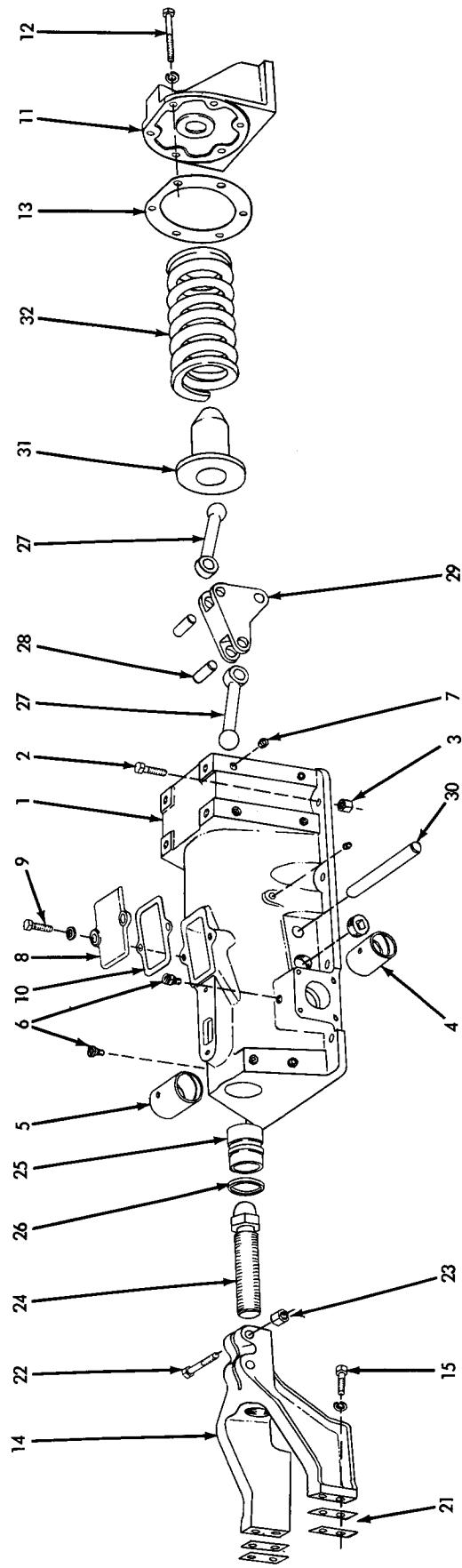
TRACK IDLER

TRACK IDLER

* Tractors prior to serial No. 1103.
 ** Tractors serial No. 1103 and up.

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
1	042200	2	IDLER ASSEMBLY (Consists of items 2 thru 26)	
	050916	-	IDLER ASSEMBLY (Consists of items 2 thru 26. Has 23-1/2" diam. idler)(Standard on short track model tractors, and on long track model tractors prior to #11498, excluding tractor #11121)	
	053182	-	IDLER ASSEMBLY (Consists of items 2 thru 26. Has 27-1/2" diam. idler)(Standard on long track model tractors #11498 and up, including #11121. Special on short track model. See NOTE * below)	
2	034355	2	IDLER (23-1/2" diam.)	
	044367	-	IDLER (23-1/2" diam.)(Standard equipment on short track model tractors, and on long track model tractors prior to #11498, excluding tractor #11121)	
	053108	-	IDLER (27-1/2" diam.)(Standard on long track model tractors #11498 and up, including #11121. Special on short track model)	
3	210740	4	CUP, bearing	
4	043491	4	CONE ASSEMBLY, bearing	
			NOTE: Items 5 thru 13 comprise the EARLY TYPE SEAL ARRANGEMENT as used on tractors prior to serial No. 11366.	
5	-----	4	PLATE, seal (Order SEAL KIT 044830)	044830
6	-----	4	RING, seal (Order SEAL KIT 044830)	044830
7	034040	4	RING, seal packing	044830
8	034039	4	BOOT, seal.	044830
9	044554	4	SPRING, seal	
10	034332	4	RETAINER, bearing	
11	045617	16	CAPSCREW (drilled-hd., 3/8"NC x 1-3/8")	
12	023756	4	WIRE, locking (1/16" x 26")	
13	040918	4	BRACKET	
			NOTE: Items 14 thru 22 comprise the LATE TYPE SEAL ARRANGEMENT as used on tractors serial No. 11366 and up.	
14	-----	4	PLATE, seal (Order SEAL KIT 052661)	052661
15	-----	4	RING, seal (Order SEAL KIT 052661)	052661
16	034108	4	RING, seal packing	052661
17	048666	4	SPRING ASSEMBLY, seal (Serviced only as a unit)	052698
18	048665	4	BOOT, seal spring	052698
19	049106	4	RETAINER, bearing	052698
20	045617	16	CAPSCREW (drilled-hd., 3/8"NC x 1-3/8")	
21	023756	4	WIRE, locking (1/16" x 26")	
22	049107	4	BRACKET	052698
23	034357	6	SHIM, bearing adjustment (.007" thick. Use as req'd)	
	034358	6	SHIM, bearing adjustment (.010" thick. Use as req'd)	
	034356	4	SHIM, bearing adjustment (.031" thick. Use as req'd)	
24	034329	2	SHAFT	
25	034042	2	PLUG, shaft oil hole	
26	034043	2	GASKET, oil hole plug	
27	041391	2	GUARD, left (Used with IDLERS 034355 and 044367)	
	053183	2	GUARD, left (Used with IDLER 053108)	
28	035221	4	CAPSCREW, 1/2"NC x 1"	
	904208	4	LOCKWASHER, 1/2"	
29	041392	2	GUARD, right (Used with IDLERS 034355 and 044367)	
	053184	2	GUARD, right (Used with IDLER 053108)	
30	035221	4	CAPSCREW, 1/2"NC x 1"	
	904208	4	LOCKWASHER, 1/2"	

(Continued)



TRACK RELEASE

TRACK IDLER (Continued)

ITEM	PART NUMBER	QUANTITY	*	**	DESCRIPTION	KIT NUMBER
31	041389	4	4		GUIDE, idler bracket	
32	023465	8	8		CAPSCREW, 5/8"NF x 1-5/8"	
33	035229	8	8		CAPSCREW, 5/8"NF x 2"	
	904209	16	16		LOCKWASHER, 5/8"	
34	037154	4	4		SHIM, guide adjustment (1/64" thick. Use as req'd)	
35	033288	-	-		CEMENT, neoprene, 1/2 pint can	} For cementing seal
36	054890	-	-		SOLVENT, neoprene cement, 1/2 pint can	} boots and gaskets

*NOTE: When the large (27-1/2" diam.) track idlers are installed in the field it is sometimes found that more close-fitting guards are required under certain operating conditions. All parts required to effect this change are available in GUARD KIT 064055.

TRACK RELEASE

* Short Track Model
** Long Track Model

1	053255	1	1	HOUSING ASSEMBLY, left side (Includes items 4 and 5)(See NOTE below)	
				053256	1
2	901667	2	2	PLUG, pipe, ctsk-hd., 1-1/4"NPT	
	901652	4	4	PLUG, pipe, sq-hd., 1/4"NPT	
	035248	16	16	CAPSCREW, 5/8"NF x 2-1/4"	
3	072366	16	16	NUT, high, 5/8"NF	

NOTE: When making first replacement of either of the above HOUSING ASSEMBLIES on tractors prior to #11765 furnish also 2 CAPSCREWS U-2283 and 2 LOCKWASHERS 904369. Installations on tractors prior to #11215 requires that the two 21/32" holes in the support roller bracket be drilled out to 25/32" diameter. When required for tractors prior to #777 also include 1 CROSSHEAD 043343 and 1 PLUNGER 043348.

4	035827	2	2	BUSHING, stabilizer crank, outer	
5	035828	2	2	BUSHING, stabilizer crank, inner	
6	036045	4	4	FITTING, lubricating, giant button-hd., 5/8"NF	
7	036737	24	24	PLUG, thread protecting, release housing (3/4"NC)	
8	041493	2	2	COVER, top	
9	035236	4	4	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	4	4	LOCKWASHER, 1/2"	
10	041494	2	2	GASKET, top cover	
11	042231	1	1	COVER, rear, left housing	
	042232	1	1	COVER, rear, right housing	
12	037576	12	12	CAPSCREW, 5/8"NC x 5"	
	904209	12	12	LOCKWASHER, 5/8"	
13	041496	2	2	GASKET, rear cover	

(Continued)

TRACK RELEASE (Continued)

* Short Track Model
** Long Track Model

ITEM	PART NUMBER	QUANTITY	DESCRIPTION	KIT NUMBER
				*
14	054578	2	YOKES (When required for tractors prior to #13431 also furnish 054579 or 054580 adjusting SCREW. Not used on tractors equipped with large track idler. See NOTE below)	
	064053	2	YOKES (Includes welded sand guard)(For tractors equipped with large track idler. See NOTE below)	
15	035236	8	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	8	LOCKWASHER, 1/2"	large track idler
16	045253	-	CAPSCREW, 1/2"NC x 3-3/4"	Used on tractors
	904208	-	LOCKWASHER, 1/2"	#11498 thru 13430
17	035068	8	CAPSCREW, 1/2"NF x 2-1/4"	
	911043	8	NUT, 1/2"NF	For tractors with
	904208	8	LOCKWASHER, 1/2"	large track idler
18	053186	-	SPACER, idler to yoke (2" long)(Used on tractors #11498 thru #13430, including #11121)	
19	054577	-	SPACER, idler to yoke (7" long)(Used on tractors #13431 and up)	
	063977	4	- SPACER, idler to yoke (3-5/8" long)(Used with large track idler only. Order in pairs when making first replacement on tractors prior to #15902)	
20	035236	8	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	8	LOCKWASHER, 1/2"	
21	042566	4	SHIM, aligning, track idler (1/16" thick. Use as req'd)	
	042429	4	SHIM, aligning, track idler (1/32" thick. Use as req'd)	
22	070299	4	CAPSCREW, yoke clamping (5/8"NF x 4")(Tractors prior to #3203)	
	035541	4	CAPSCREW, yoke clamping (5/8"NF x 3-3/4")(Tractors #3203 and up)	
23	072366	4	NUT, high, 5/8"NF	
24	041074	2	- SCREW, adjusting (1-5/8" diam. thread, 9-5/8" long)(Used on tractors prior to #13431)	
	054579	2	- SCREW, adjusting (1-7/8" diam. thread, 9-5/8" long)(Used on tractors #13431 and up)	
24	048939	-	SCREW, adjusting (1-5/8" diam. thread, 22-3/8" long)(Used on tractors prior to #11498, excluding #11121)	
	053185	-	SCREW, adjusting (1-5/8" diam. thread, 17-3/8" long)(Used on tractors #11498 thru #13430, including #11121. Not available. Furnish 1 SCREW 054580, 1 YOKE 054578, 2 SPACERS 054577, 4 CAPSCREWS 035236, 4 CAPSCREWS 035068, 4 NUTS 911043 and 4 LOCKWASHERS 904208)	
25	054580	-	SCREW, adjusting (1-7/8" diam. thread, 12-5/8" long)(Used on tractors #13431 and up)	
	043343	2	CROSSHEAD (4-1/8" long)(Used on tractors prior to #15902)	
26	063963	2	CROSSHEAD (3-5/16" long)(Used on tractors #15902 and up)	
	041076	2	SEAL, crosshead	
27	041490	4	ROD, push	
28	064033	4	PIN, push rod	
29	041492	2	BELLCRANK	
30	041503	2	SHAFT, bellcrank	

(Continued)

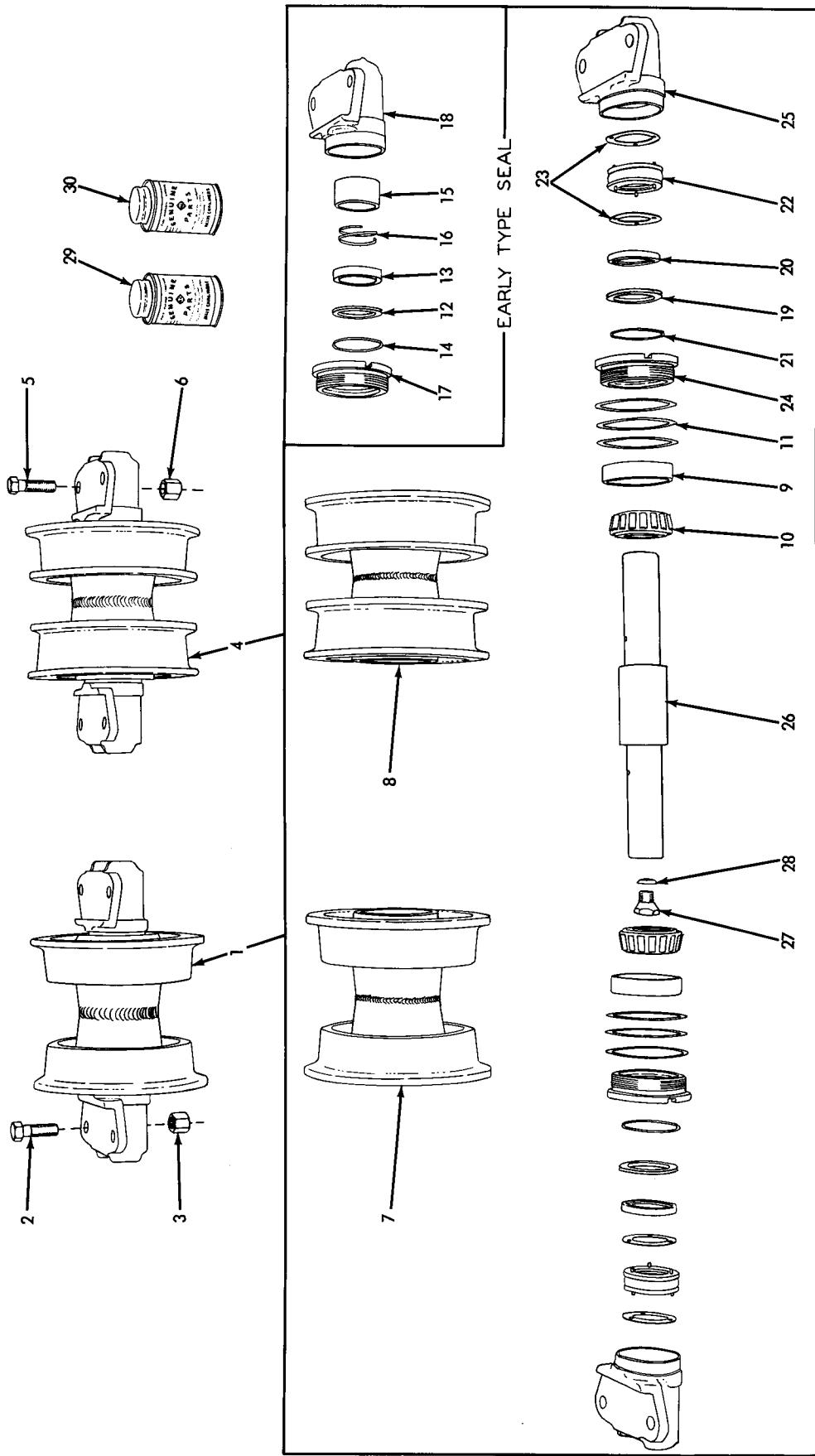
TRACK RELEASE (Continued)

* Short Track Model
 ** Long Track Model

	PART NUMBER	QUANTITY	ITEM	DESCRIPTION	KIT NUMBER
31	{ 041495 2 2	PLUNGER, spring (11" long)(Used on tractors prior to #777)			
	043348 2 2	PLUNGER, spring (5-1/2" long)(Used on tractors #777 thru #15901)			
	058749 2 2	PLUNGER, spring (6" long)(Used on tractors #15902 and up)			
32	{ 041498 2 2	SPRING (14-3/4" long)(Used on tractors prior to #15902)			
	063962 2 2	SPRING (14-1/2" long)(Used on tractors #15902 and up)			

NOTE: For early short-track model tractors equipped with large (27-1/2" diam.) track idlers, closer-fitting idler guards have been provided to permit satisfactory operation in sandy soils. For converting such units in the field GUARD KIT 064055 is available.

TRUCK WHEELS

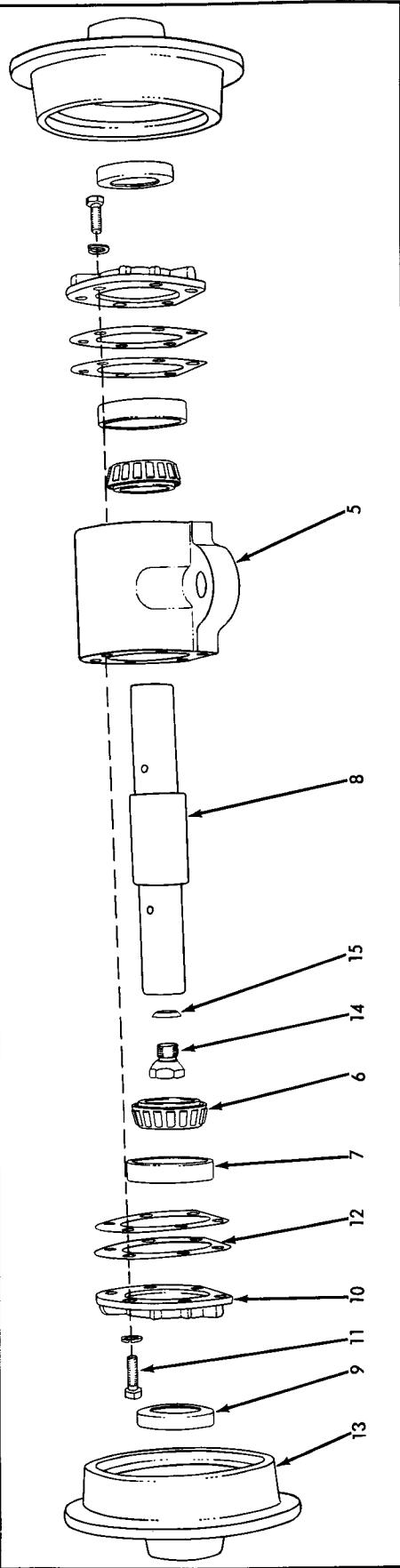
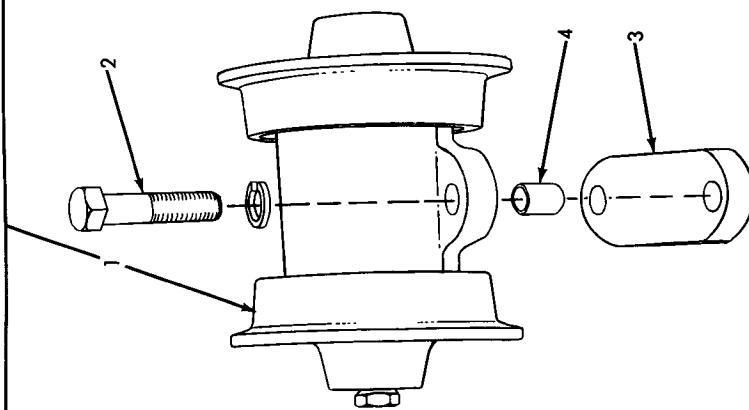


TRUCK WHEELS

* Short Track Model
 ** Long Track Model

ITEM	PART NUMBER	QUANTITY	*	**	DESCRIPTION	KIT NUMBER
1	{ 034113 044359	6 6	-	-	WHEEL ASSEMBLY, single flange (Consists of items 7, and 9 thru 28)(Used on tractors prior to #1103)	
2	{ 035229 023465 035248	24 24 24	32	32	CAPSCREW, 5/8"NF x 2" (Used temporarily on early units) CAPSCREW, 5/8"NF x 1-5/8" (Original equipment) CAPSCREW, 5/8"NF x 2-1/4" (Required when new type replacement truck frame channels are installed).	077853, 54
3	072366	24	32		NUT, high, 5/8"NF	077872, 73
4	{ 034114 044360	4 4	-	-	WHEEL ASSEMBLY, double flange (Consists of items 8 thru 28) (Used on tractors prior to #1103)	
5	{ 035229 023465 035248	16 16 16	-	-	CAPSCREW, 5/8"NF x 2" (Used temporarily on early units) CAPSCREW, 5/8"NF x 1-5/8" (Original equipment) CAPSCREW, 5/8"NF x 2-1/4" (Required when new type replacement truck frame channels are installed).	077853, 54
6	072366	16	16		NUT, high, 5/8"NF	077872, 73
7	{ 034119 044357	6 6	-	8	WHEEL, single flange (Used on tractors prior to #1103) WHEEL, single flange (Used on tractors #1103 and up)	
8	{ 034121 044358	4 4	-	-	WHEEL, double flange (Used on tractors prior to #1103) WHEEL, double flange (Used on tractors #1103 and up)	
9	{ ----- 042887	20 20	24	24	CUP, bearing (Hyatt)(Was used on some early units. Not serviced. Order CUP 042887 and CONE ASSEMBLY 042888)	
10	{ ----- 042888	20 20	24	24	CONE ASSEMBLY (Hyatt)(Was used on some early units. Not serviced. Order CONE ASSEMBLY 042888 and CUP 042887)	
11	{ 034308 034307 034309	30 30 20	36	36	SHIM, bearing adjustment (.007" thick. Use as req'd) SHIM, bearing adjustment (.010" thick. Use as req'd) SHIM, bearing adjustment (.031" thick. Use as req'd)	
					NOTE: Items 12 thru 18 comprise the EARLY TYPE SEAL ARRANGEMENT as used on tractors prior to serial No. 1353.	
12	-----	20	-	-	PLATE, seal (Order SEAL KIT 044827)	044827
13	-----	20	-	-	RING, seal (Order SEAL KIT 044827)	044827
14	034124	20	-	-	RING, seal packing	044827
15	034129	20	-	-	BOOT, seal	044827
16	044552	20	-	-	SPRING, seal	
17	034123	20	-	-	RETAINER, bearing	
18	-----	20	-	-	BRACKET (Not serviced. Order SEAL KIT 047612)	
					NOTE: Items 19 thru 25 comprise the LATE TYPE SEAL ARRANGEMENT as used on tractors serial No. 1353 and up.	
19	-----	20	24	24	PLATE, seal (Order SEAL KIT 047484)	047484
20	-----	20	24	24	RING, seal (Order SEAL KIT 047484)	047484
21	047477	20	24	24	RING, seal packing	047484
22	047581	20	24	24	SPRING ASSEMBLY, seal (Serviced only as a unit)	047612
23	047605	40	48	48	GASKET, seal	047612
24	047475	20	24	24	RETAINER, bearing	047612
25	047596	20	24	24	BRACKET	047612
26	034127	10	12	12	SHAFT	
27	034042	10	12	12	PLUG, shaft oil hole	
28	034043	10	12	12	GASKET, oil hole plug	
29	033288	-	-	-	CEMENT, neoprene, 1/2 pint can	For cementing seal
30	054890	-	-	-	SOLVENT, neoprene cement, 1/2 pint can	boots and gaskets

TRACK SUPPORTING ROLLER

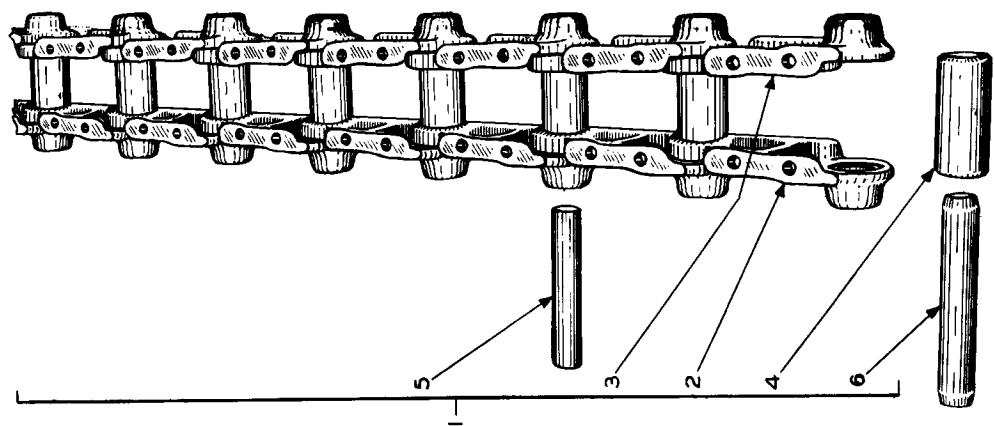
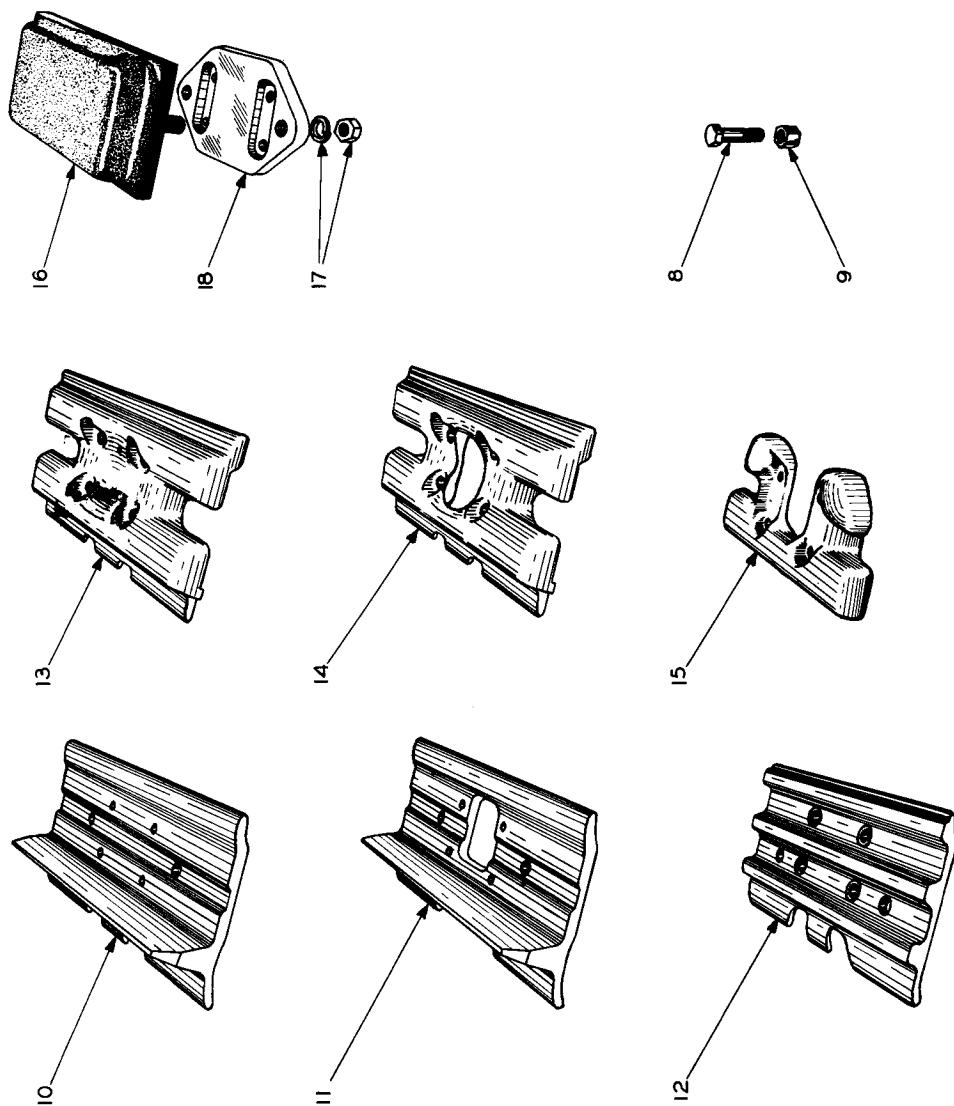


TRACK SUPPORTING ROLLER

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 044128 053264	2 2	ROLLER ASSEMBLY (Consists of items 5 thru 15)(Used on tractors prior to #1103) ROLLER ASSEMBLY (Consists of items 5 thru 15)(For tractors #1103 and up. When required for tractors prior to #11215 also furnish 2 BUSHINGS 053271)	
2	{ 023755 037851 U-2283 045104 904209 904369	4 4 4 4 4 4	CAPSCREW, 5/8"NC x 2-1/4" (Used on short track model tractors prior to #11766 and on long track model tractors prior to #11498) CAPSCREW, 5/8"NC x 3-1/4" (Used on long track model tractors #11498 thru #11765) CAPSCREW, 3/4"NC x 2-1/4" (Used on short track model tractors #11765 and up) CAPSCREW, 3/4"NC x 3-1/4" (Used on long track model tractors #11766 and up) LOCKWASHER, 5/8" (Tractors prior to #11766) LOCKWASHER, 3/4" (Tractors #11766 and up)	
3	053343	2	SPACER (For tractors equipped with large (27-1/2" diam.) track idler. Standard on long track model tractors serial No. 11497 and up)	
4	053271	-	BUSHING, adapting (4 used on tractors #11215 thru #11765. 4 additional used on long track model tractors #11498 thru #11765. Required to permit use of 5/8" diam. attaching capscrews with BRACKET 053232 and SPACER 053343 which are drilled for 3/4" diam. attaching capscrews)	
5	{ 041382 053232	2 2	BRACKET (Used on tractors prior to #1103) BRACKET (For tractors #1103 and up. When required for tractors prior to #11215 also furnish 2 BUSHINGS 053271)	
6	209889	4	CONE ASSEMBLY, roller bearing	
7	209890	4	CUP, roller bearing	
8	{ 041384 044363	2 2	SHAFT (9-1/4" long)(Used on tractors prior to #1103) SHAFT (10" long)(Used on tractors #1103 and up)	
9	043569	4	SEAL, oil	
10	044409	4	RETAINER, bearing (When making first replacement on tractors prior to #800 also furnish 4 CAPSCREWS 035439 and 4 LOCKWASHERS 904206)	
11	{ 041383 035439 904206	24 24 24	CAPSCREW, fl-hd., 3/8"NC x 1-3/8" (Tractors prior to #800) CAPSCREW, 3/8"NC x 1" } Tractors #800 and up LOCKWASHER, 3/8"	
12	{ 041381 041380	12 12	SHIM, bearing adjustment (.007" thick. Use as req'd) SHIM, bearing adjustment (.010" thick. Use as req'd)	
13	041378	4	ROLLER	
14	034042	2	PLUG, shaft oil hole	
15	034043	2	GASKET, oil hole plug	

PLATE 1713A— TRACK

TRACK SHOES



T R A C K

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	036078	2	RAIL ASSEMBLY (34 links)(Consists of items 2 thru 6)	
2	035002	68	BAR, left	
3	035001	68	BAR, right	
4	035556	68	BUSHING	
5	035006	66	PIN (7-1/2" long)	033854
6	035009	2	PIN, master (8-1/8" long)	033854
8	035574	272	BOLT, track shoe (1/2"NF x 1-15/16")	
9	038234	272	NUT, high, 1/2"NF	

T R A C K S H O E S

COMPLETE TRACK
ASSEMBLIES WITH
SHOES (34 LINKS)NOTE: Track shoes over 16" wide cannot be used on
52" tread model.

ASSEMBLY NO.

10	036835	68	SHOE, grouser, 7"	
	036077	68	SHOE, grouser, 13"	
	036411	68	SHOE, grouser, 16"	038488
	036443	68	SHOE, grouser, 18"	038407
	033815	68	SHOE, grouser, 20"	
	033813	68	SHOE, grouser, 22"	
	038102	68	SHOE, grouser, 24"	
	038047	68	SHOE, grouser, 26"	
	038035	68	SHOE, grouser, heat treated, 13"	
	041982	68	SHOE, grouser, heat treated, 16"	
	037288	68	SHOE, grouser, heat treated, 18"	
	033372	68	SHOE, grouser, heat treated, 20"	
	033371	68	SHOE, grouser, heat treated, 22"	
	-----	68	SHOE, grouser, heat treated, 24" (Not available)	
	034335	68	SHOE, grouser, heat treated, 26"	
11	038037	68	SHOE, grouser, cut-out, 13"	
	041986	68	SHOE, grouser, cut-out, 16"	
	038471	68	SHOE, grouser, cut-out, 18"	
	038479	68	SHOE, grouser, cut-out, 24"	
12	053548	68	SHOE, semi-grouser, 15"	
13	-----	68	SHOE, flat, 15" (Not available)	
14	038419	68	SHOE, flat, cut-out, 15"	
15	036480	68	SHOE, flat, skeleton, 13"	
16	036057	68	SHOE, rubber-faced, 11" (Requires ADAPTER 036058)	
17	911045	136	NUT, 3/4"NF	
	904369	136	LOCKWASHER, 3/4"	
18	036058	68	ADAPTER, rubber-faced shoe (Used with SHOE 036057)	

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.

TRACK SHOES

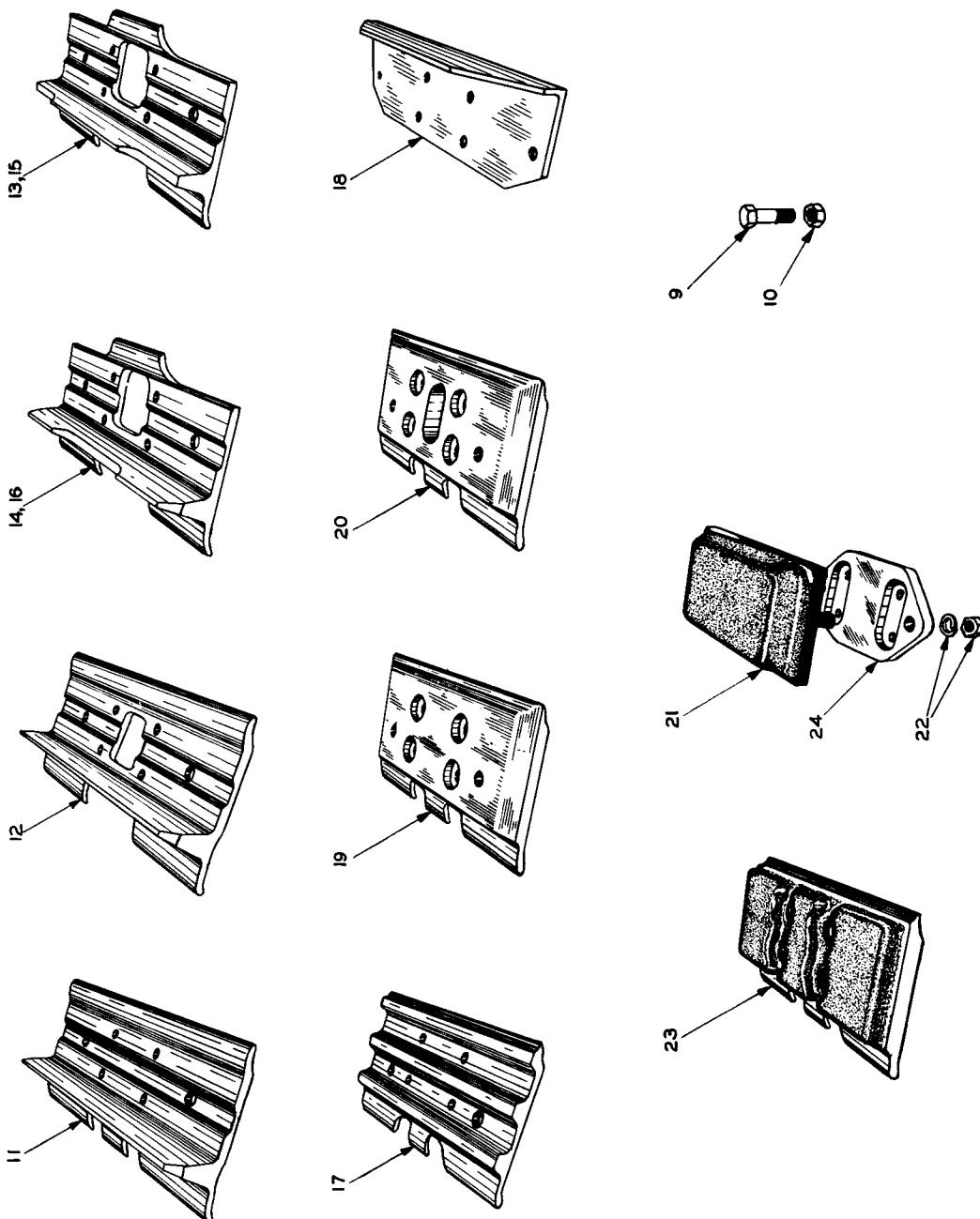
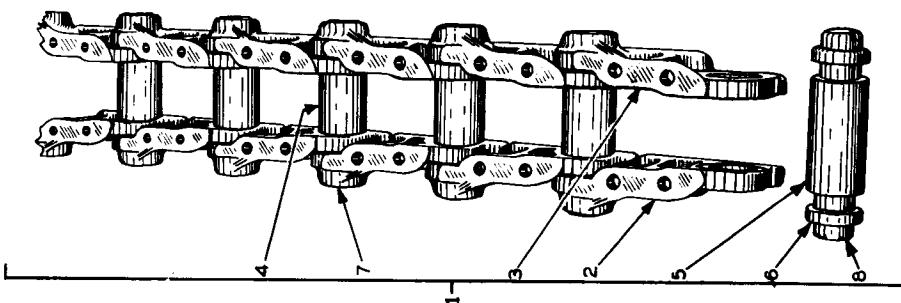


PLATE 171A—TRACK

TRACK RAIL



TRACK

USAGE: Tractors serial No. 1103 and up.

* Short Track Model equipped with 23-1/2" diam. track idler
 ** Short Track Model equipped with 27-1/2" diam. track idler
 *** Long Track Model equipped with 27-1/2" diam. track idler

ITEM	PART NUMBER	*	QUANTITY	**	***	DESCRIPTION	KIT NUMBER
1	044286	2	-	-	-	RAIL ASSEMBLY (34 links)(Consists of items 2 thru 8)	
	055993	-	2	-	-	RAIL ASSEMBLY (36 links)(Consists of items 2 thru 8)	
	051022	-	-	2	-	RAIL ASSEMBLY (38 links)(Consists of items 2 thru 8)	
2	044287	68	72	76		BAR, left	
3	044288	68	72	76		BAR, right	
4	044290	66	70	74		BUSHING (5-3/4" long)	044392
5	044292	2	2	2		BUSHING, master (4-5/8" long)	044392
6	044293	4	4	4		SPACER, master bushing	044392
7	044289	66	70	74		PIN (8-1/8" long)	044391
8	044291	2	2	2		PIN, master (8-3/8" long)	044391
9	044296	272	288	304		BOLT, track shoe (9/16"NF x 2")	
10	044297	272	288	304		NUT, high, 9/16"NF	

TRACK SHOES

COMPLETE TRACK ASSEMBLIES
WITH SHOES (2 Required)NOTE: Track shoes over 16" wide can-
not be used on 52" tread model

*	**
(34 Links)	(36 Links)

11	044299	68	72	76	SHOE, grouser, 7"	
	044294	68	72	76	SHOE, grouser, 16"	044295
	044315	68	72	76	SHOE, grouser, 18"	044314
	044323	68	72	76	SHOE, grouser, 20"	
	044475	68	72	76	SHOE, grouser, 22"	
	044309	68	72	76	SHOE, grouser, heat treated, 16"	
	044317	68	72	76	SHOE, grouser, heat treated, 18"	044316
	044325	68	72	76	SHOE, grouser, heat treated, 20"	
	044495	68	72	76	SHOE, grouser, heat treated, 22"	
	044329	68	72	76	SHOE, grouser, heat treated, 24"	
12	057533	68	72	76	SHOE, grouser, heat treated, 26"	
	044337	68	72	76	SHOE, grouser, heat treated, 28"	
	044313	68	72	76	SHOE, grouser, cut-out, 16"	
13	044321	68	72	76	SHOE, grouser, cut-out, 18"	056240
	056118	68	72	76	SHOE, grouser, cut-out, 20"	
14	054479	34	36	38	SHOE, grouser, snow and ice, single calk, cut-out, 16"	
15	054478	34	36	38	SHOE, grouser, snow and ice, double calk, cut-out, 16"	
16	048747	34	36	38	SHOE, grouser, snow and ice, single calk, cut-out, 18"	
17	048748	34	36	38	SHOE, grouser, snow and ice, double calk, cut-out, 18"	
18	053549	68	72	76	SHOE, semi-grouser, 15"	
19	044345	68	72	76	SHOE, angle iron, 15"	
	044347	68	72	76	SHOE, angle iron, 18"	
	044513	68	72	76	SHOE, angle iron, 28"	
19	044351	68	72	76	SHOE, flat, 15" (Requires U-bolt to attach grouser. Not illustrated)	
	053336	68	72	76	SHOE, flat, 15" (Requires straight bolt to attach grouser)	

(Continued)

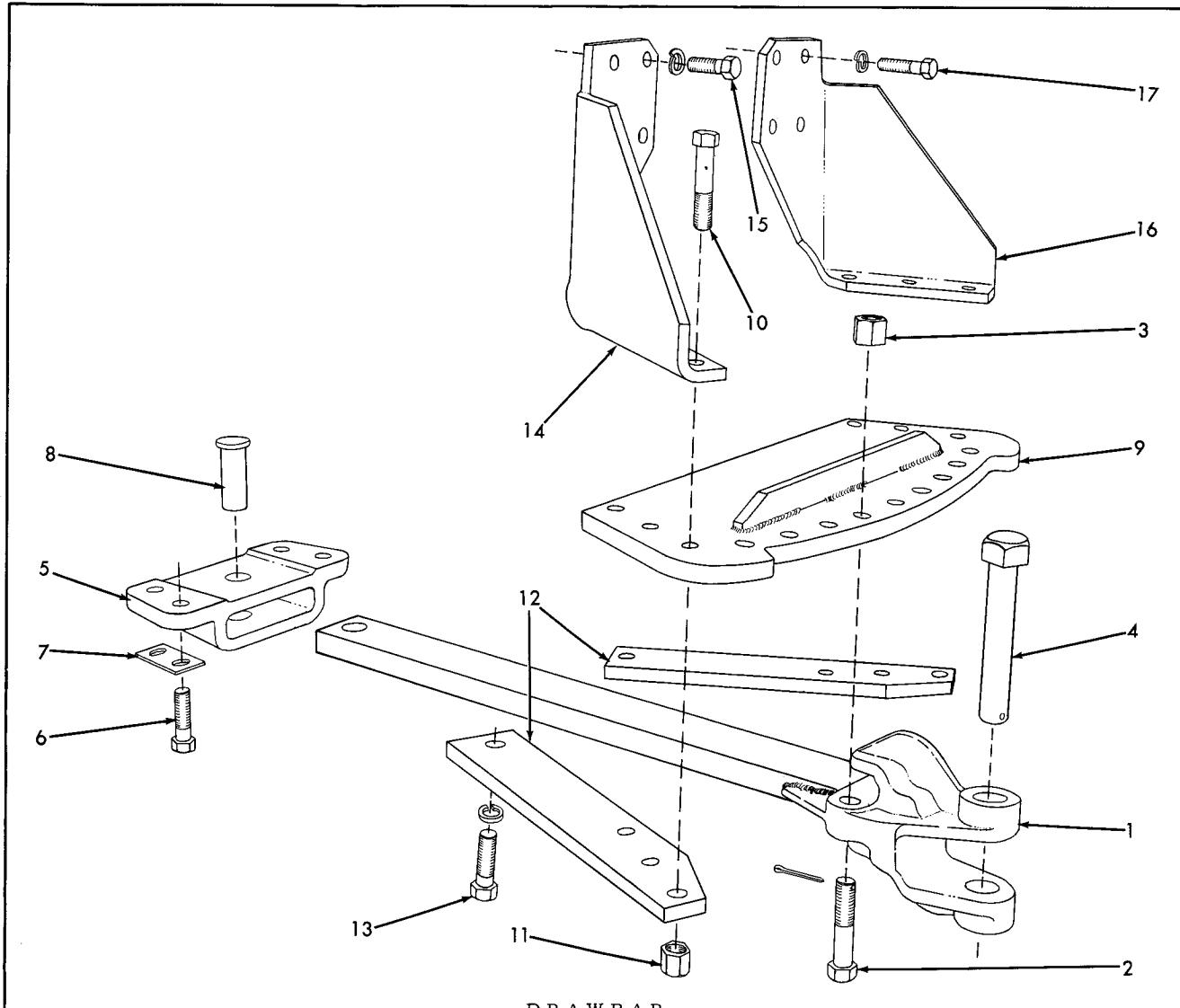
T R A C K (Continued)

USAGE: Tractors serial No. 1103 and up.

- * Short Track Model equipped with 23-1/2" diam. track idler
- ** Short Track Model equipped with 27-1/2" diam. track idler
- *** Long Track Model equipped with 27-1/2" diam. track idler

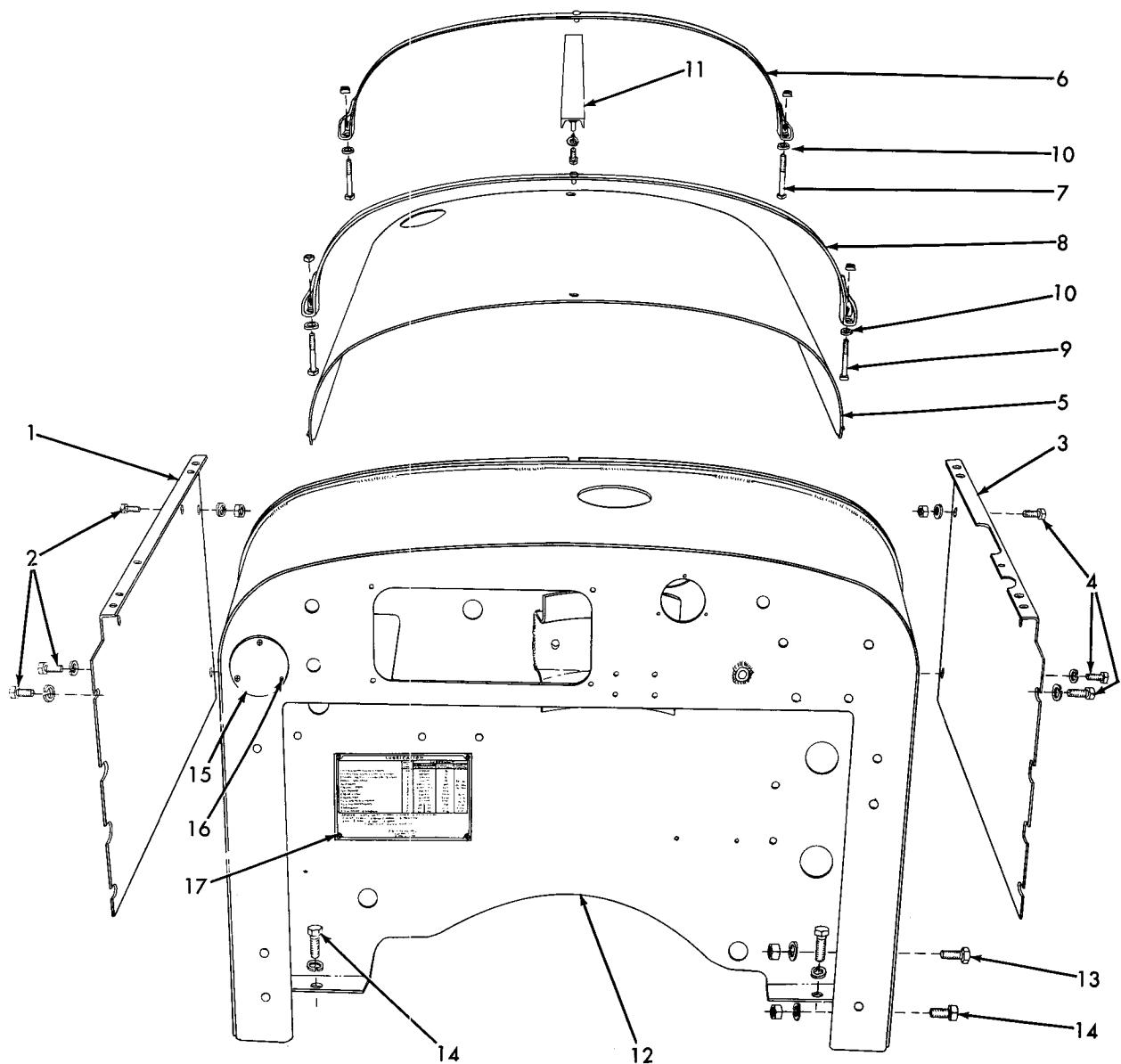
ITEM	PART NUMBER	QUANTITY			DESCRIPTION	TRACK SHOES (Continued)	COMPLETE TRACK ASSEMBLIES WITH SHOES (2 Required)
		*	**	***			
20	{ 044353 68 72 76	SHOE, flat, cut-out, 15" (Requires U-bolt to attach grouser. Not illustrated)					*
	053335 68 72 76	SHOE, flat, cut-out, 15" (Requires straight bolt to attach grouser)					**
21	044499 68 72 76	SHOE, rubber faced, 11" (Requires ADAPTER 044355)					
22	{ 911045 136 144 152 904369 136 144 152	NUT, 3/4"NF LOCKWASHER, 3/4"					
23	{ ----- 68 72 76 075657 68 72 76	SHOE, rubber-faced, 15" (Not available. Furnish SHOE 075657 in complete sets)					
24	044355 68 72 76	SHOE, rubber-faced, 13" ADAPTER (Used with rubber-faced SHOE 044499 only)					

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.



D R A W B A R

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	038472	1	DRAWBAR	
2	034310	2	CAPSCREW (drilled end, 1"NF x 4-1/2")	
900814	2		PIN, cotter, 1/4" x 1-1/2"	
3	600236	2	NUT, high, 1"NF	
4	023858	1	PIN, coupling	
5	038229	1	STIRRUP	
6	037694	4	CAPSCREW, 1"NC x 3"	
7	038233	2	LOCK, capscrew	
8	038235	1	PIN, pivot	
9	032061	1	PLATE, supporting	
10	013006	6	CAPSCREW, 7/8"NF x 3-3/4"	
11	070400	6	NUT, high, 7/8"NF	
12	032117	2	SUPPORT, drawbar plate	
13	037694	2	CAPSCREW, 1"NC x 3"	
910916	2		LOCKWASHER, 1"	
14	047937	1	BRACE, drawbar plate, left	
15	070792	4	CAPSCREW, 3/4"NC x 2-1/2"	
904369	4		LOCKWASHER, 3/4"	
16	047938	1	BRACE, drawbar plate, right	
17	070792	4	CAPSCREW, 3/4"NC x 2-1/2"	
	904369	4	LOCKWASHER, 3/4"	



FRONT FENDERS, HOOD AND COWL

FRONT FENDERS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041907	1	FENDER, left (Also see ENGINE COOLANT HEATER for special fender)	
2	070469	4	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	4	LOCKWASHER, 1/2"	
	911043	1	NUT, 1/2"NF	
3	041908	1	FENDER, right	
4	070469	4	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	4	LOCKWASHER, 1/2"	
	911043	1	NUT, 1/2"NF	

HOOD

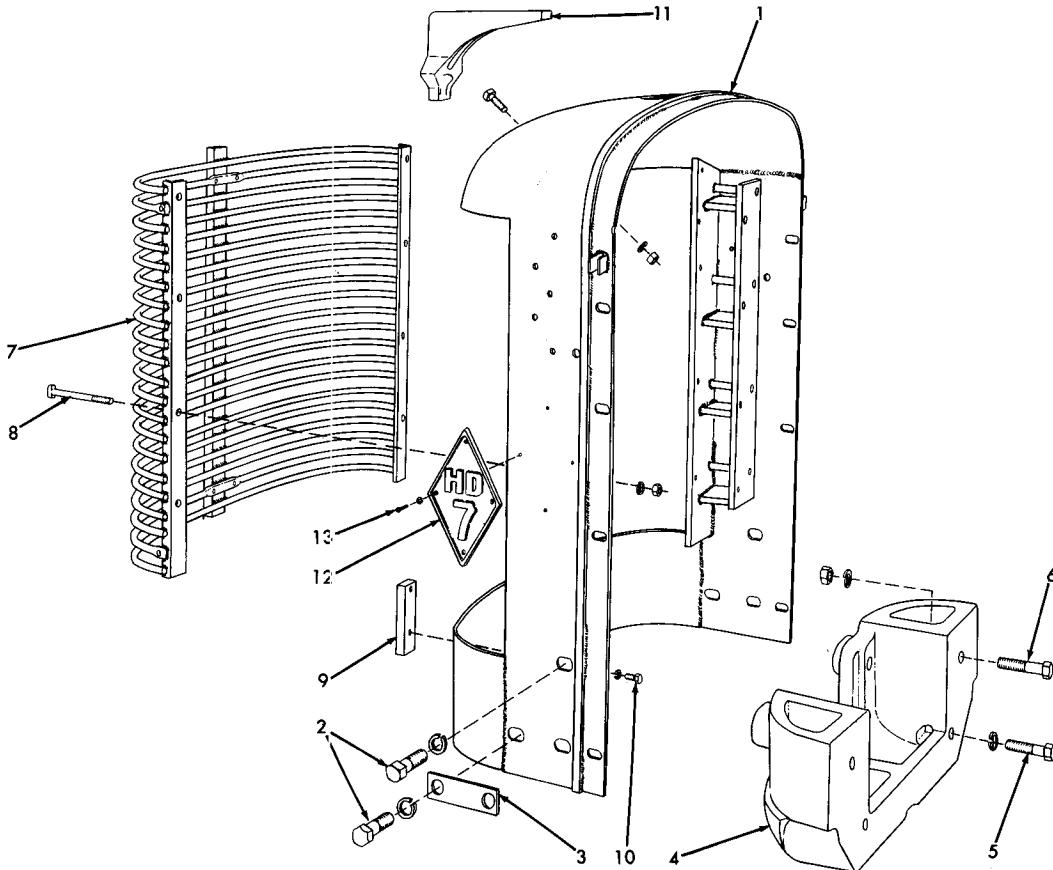
5	{ 041904	1	HOOD (Used on tractors prior to #2603)	
	048386	1	HOOD (Used on tractors #2603 and up)	
	-----	1	HOOD (Special. See ENGINE COOLANT HEATER)	
6	{ 041909	1	STRAP, front (Used on tractors prior to #2603)	
	048391	1	STRAP, front (Used on tractors #2603 and up)	
7	030809	2	BOLT, machine, 3/8"NC x 2-1/2"	
	900405	2	NUT, square, 3/8"NC	
8	{ 041910	1	STRAP, rear (Used on tractors prior to #2603)	
	048392	1	STRAP, rear (Used on tractors #2603 and up)	
9	030809	2	BOLT, machine, 3/8"NC x 2-1/2"	
	900405	2	NUT, square, 3/8"NC	
10	044973	4	WASHER, strap bolt	
11	041905	1	BAR, stiffening (Used on tractors prior to #2603)	
	903627	4	CAPSCREW, 3/8"NC x 1/2"	
	904206	4	LOCKWASHER, 3/8"	

NOTE: See PAINTING AND MARKING for name transfer which is applied to each side of the Hood.

See page 177 for listing of special HOOD SIDE PLATES.

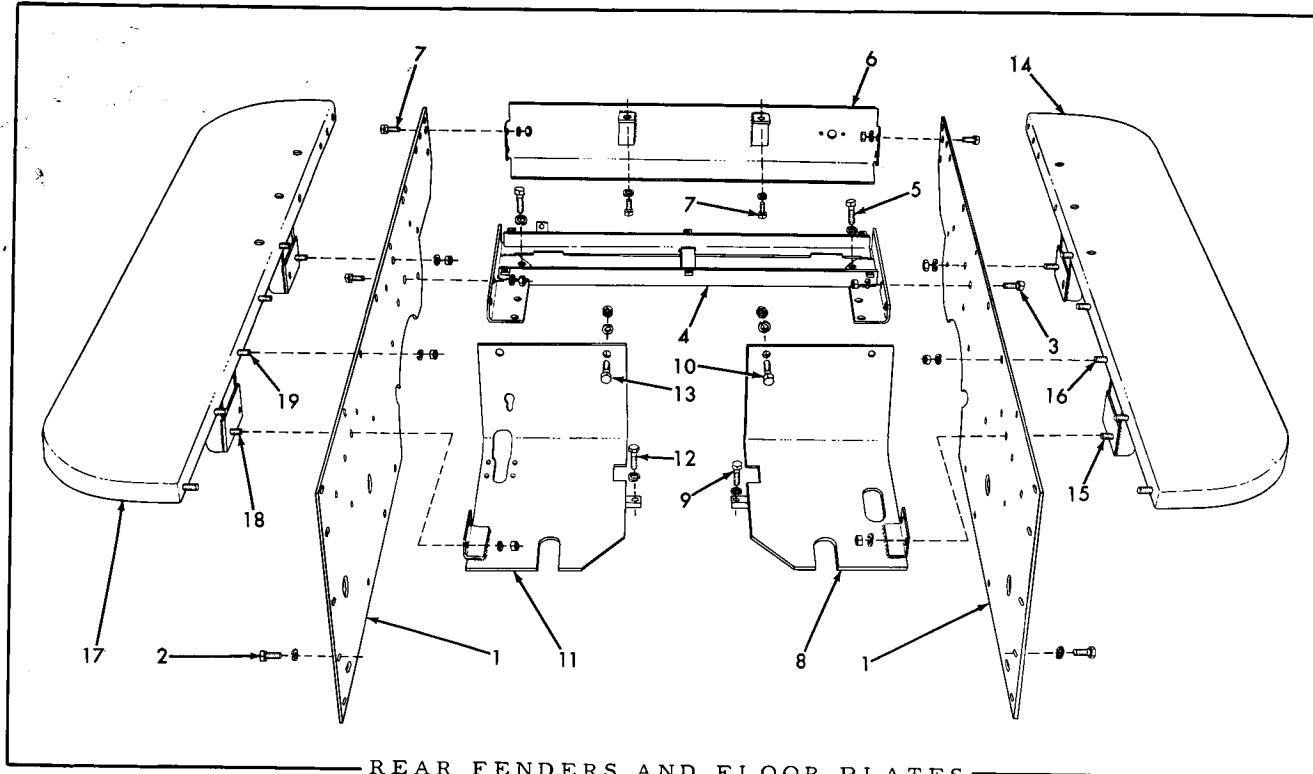
COWL

12	{ 041489	1	COWL (Used on tractors prior to #2603)	
	048388	1	COWL (Used on tractors #2603 and up. When required for tractors prior to #9669 also furnish 2 BOLTS 051294, 2 SLEEVES 050735, 2 NUTS 050734 and 2 BANDS 052090 to mount air cleaner)	
13	070469	4	CAPSCREW, 1/2"NF x 1-1/4"	
14	070467	6	CAPSCREW, 1/2"NF x 1"	
	904208	10	LOCKWASHER, 1/2"	
	911043	8	NUT, 1/2"NF	
15	050751	1	COVER, odometer mounting hole (Tractors #12722 and up)	
16	040226	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2"	
	912729	3	LOCKWASHER, internal teeth, #6	
17	-----	1	PLATE, instruction (See PAINTING AND MARKING)	



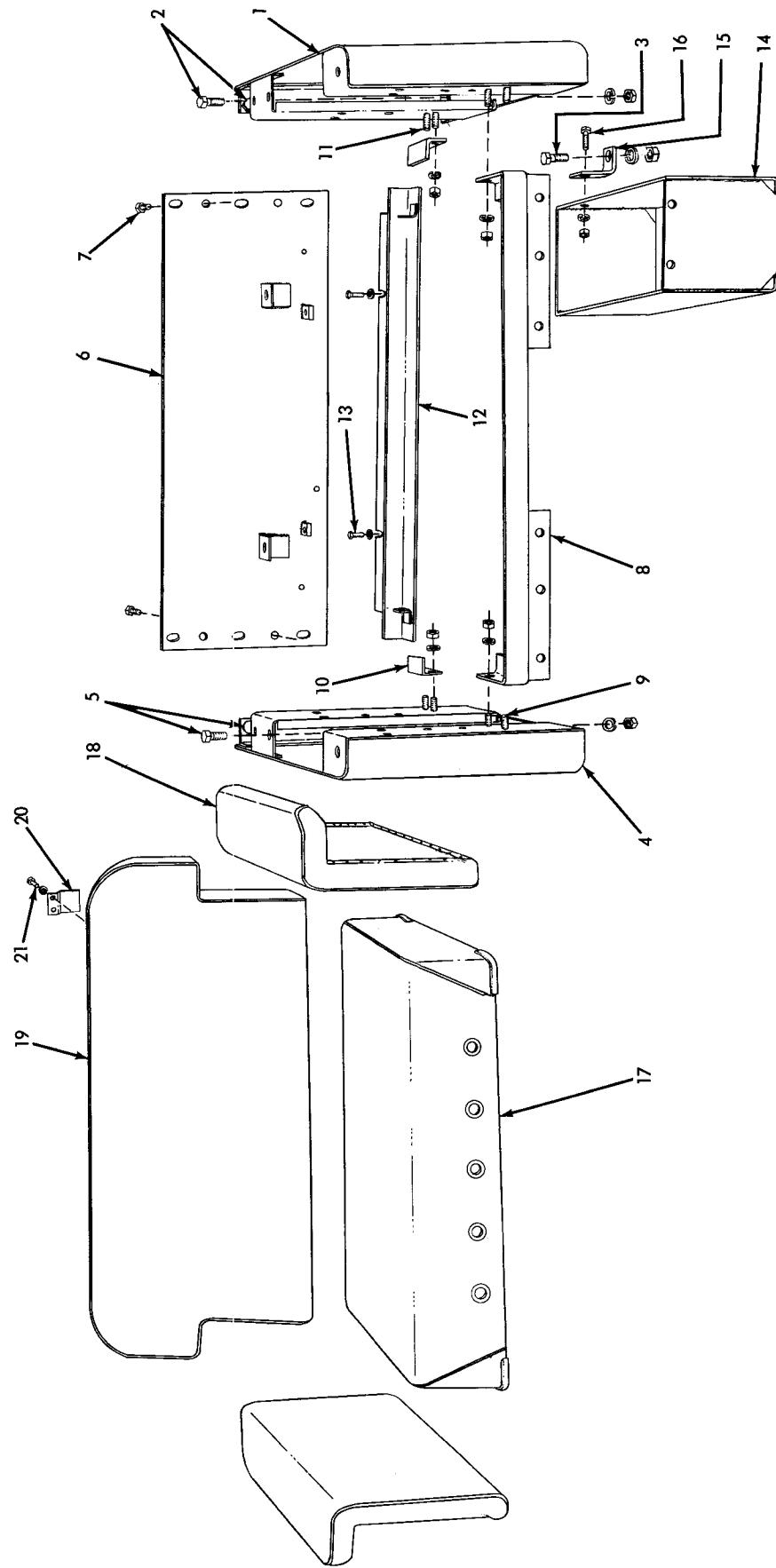
RADIATOR SHELL

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041650	1	SHELL, radiator	
	035014	6	CAPSCREW, 5/8"NF x 1-1/2"	
2	904209	6	LOCKWASHER, 5/8"	
	072595	6	CAPSCREW, 3/4"NF x 1-3/4"	
	904369	6	LOCKWASHER, 3/4"	
	910255	2	WASHER, plain, SAE std., 3/4"	
3	049658	2	PLATE, shell mounting capscrews (Tractors #6103 and up)	
4	041435	1	BASE, radiator shell	
5	070792	2	CAPSCREW, 3/4"NC x 2-1/2"	
	904369	2	LOCKWASHER, 3/4"	
6	070285	2	CAPSCREW, 3/4"NF x 3"	
	904369	2	LOCKWASHER, 3/4"	
	911045	2	NUT, 3/4"NF	
7	056138	1	GRILLE, radiator protecting (Standard)	
	041640	1	GRILLE, radiator protecting (Special. Heavy type for tractors engaged in logging operations)	
8	040921	8	T-BOLT (7/16"NF x 5")	
	911042	8	NUT, 7/16"NF	
	904207	8	LOCKWASHER, 7/16"	
9	041979	1	BAR, streamline	
10	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	904206	2	LOCKWASHER, 3/8"	
11	041639	1	MONOGRAM, "A-C"	
	912112	2	BOLT, machine, 1/2"NC x 1-1/2"	
	904208	2	LOCKWASHER, 1/2"	
	911028	2	NUT, 1/2"NC	
12	041674	2	MONOGRAM, identification, "HD7"	
13	033073	8	SCREW, thread-cutting, cross-recessed-hd., #10 x 3/4"	
	904203	8	LOCKWASHER, #10	



REAR FENDERS AND FLOOR PLATES

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041538	2	FENDER, side	
2	070467	4	CAPSCREW, 1/2"NF x 1"	
	904208	4	LOCKWASHER, 1/2"	
3	070469	6	CAPSCREW, 1/2"NF x 1-1/4"	
	911043	6	NUT, 1/2"NF	
	904208	6	LOCKWASHER, 1/2"	
4	041820	1	BRACKET, fender supporting	
5	035236	6	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	6	LOCKWASHER, 1/2"	
6	041547	1	PLATE, rear closure	
7	070467	6	CAPSCREW, 1/2"NF x 1"	
	904208	6	LOCKWASHER, 1/2"	
	911043	4	NUT, 1/2"NF	
8	041539	1	PLATE, floor, left side	
9	070469	1	CAPSCREW, 1/2"NF x 1-1/4"	
	910244	1	WASHER, plain, SAE std., 1/2"	
10	070469	3	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	3	LOCKWASHER, 1/2"	
	911043	3	NUT, 1/2"NF	
11	048034	1	PLATE, floor, right side	
12	070469	1	CAPSCREW, 1/2"NF x 1-1/4"	
	910244	1	WASHER, plain, SAE std., 1/2"	
13	070469	2	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	2	LOCKWASHER, 1/2"	
	911043	2	NUT, 1/2"NF	
14	041533	1	FENDER, top, left side	
15	070469	2	CAPSCREW, 1/2"NF x 1-1/4"	
16	070467	5	CAPSCREW, 1/2"NF x 1"	
	904208	7	LOCKWASHER, 1/2"	
	911043	7	NUT, 1/2"NF	
17	041534	1	FENDER, top, right side	
18	070469	2	CAPSCREW, 1/2"NF x 1-1/4"	
19	070467	5	CAPSCREW, 1/2"NF x 1"	
	904208	7	LOCKWASHER, 1/2"	
	911043	7	NUT, 1/2"NF	

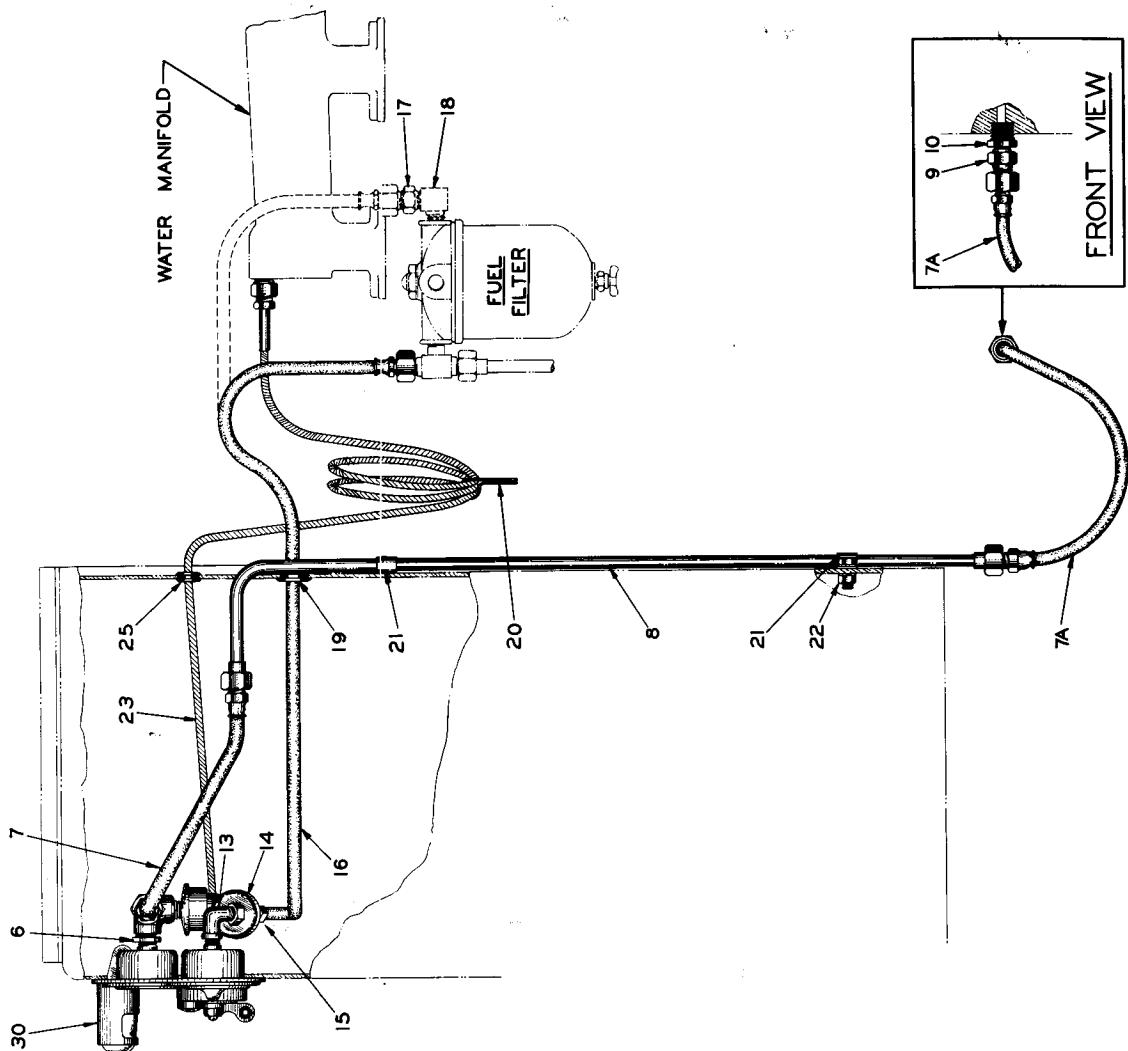


SEAT

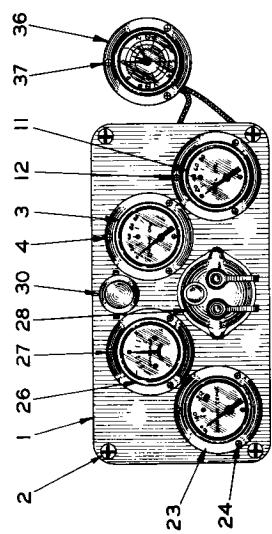
S E A T

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041443	1	PLATE, left side	
2	070590	5	CAPSCREW, 5/8"NF x 1-1/8"	
3	035014	1	CAPSCREW, 5/8"NF x 1-1/2"	
	904209	6	LOCKWASHER, 5/8"	
	911044	3	NUT, 5/8"NF	
4	041444	1	PLATE, right side	
5	070590	6	CAPSCREW, 5/8"NF x 1-1/8"	
	904209	6	LOCKWASHER, 5/8"	
	911044	3	NUT, 5/8"NF	
6	041450	1	BACK, seat	
7	070467	4	CAPSCREW, 1/2"NF x 1"	
	904208	4	LOCKWASHER, 1/2"	
	911043	4	NUT, 1/2"NF	
8	041453	1	FRAME, front	
9	070467	4	CAPSCREW, 1/2"NF x 1"	
	904208	4	LOCKWASHER, 1/2"	
	911043	4	NUT, 1/2"NF	
10	041793	2	ANGLE, battery guard supporting	
11	070467	4	CAPSCREW, 1/2"NF x 1"	
	904208	4	LOCKWASHER, 1/2"	
	911043	4	NUT, 1/2"NF	
12	041824	1	GUARD, battery (Also serves as seat cushion support)	
13	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	911115	2	WASHER, plain, SAE std., 3/8"	
14	042650	1	BOX, tool (When required for tractors prior to #204 also furnish items 15 and 16. Also see ENGINE COOLANT HEATER for special tool box)	
15	042646	1	SUPPORT, tool box (Started with tractor #204)	
16	036034	1	CAPSCREW, 3/8"NF x 1"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
17	041456	1	CUSHION, seat	
18	040669	2	CUSHION, side	
19	041449	1	CUSHION, back	
	911028	2	NUT, 1/2"NC	
	904208	2	LOCKWASHER, 1/2"	
20	040666	2	CLIP, back cushion supporting	
21	035244	4	CAPSCREW, 3/8"NC x 3/4"	
	904206	4	LOCKWASHER, 3/8"	

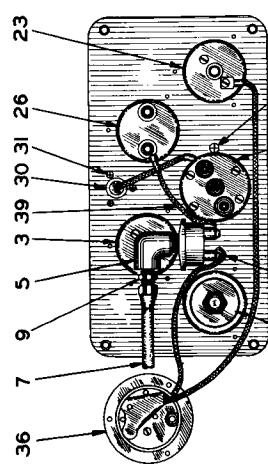
NOTE: See PAINTING AND MARKING for identification transfer which is applied to sides of seat.



INSTRUMENTS



REAR VIEW OF PANEL

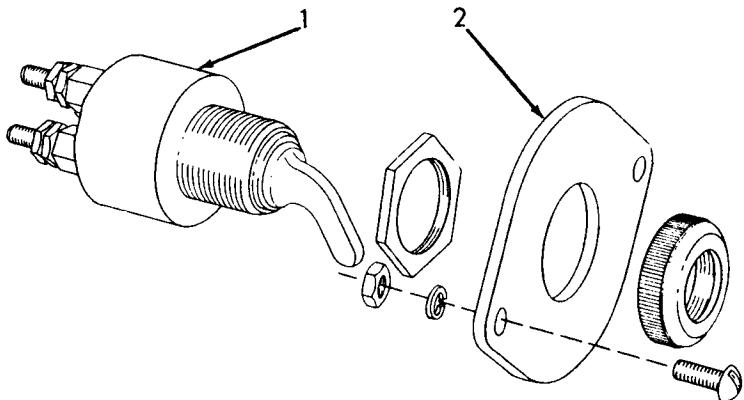


EARLY TYPE DASH LIGHT

INSTRUMENTS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	040151	1	PANEL, instrument	
2	033064	4	SCREW, thread-cutting, cross-recessed-hd., 1/4" x 5/8"	
	904204	4	LOCKWASHER, 1/4"	
3	034910	1	GAUGE, oil pressure	
4	040226	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2"	
	912729	3	LOCKWASHER, internal teeth, #6	
5	{ 910221	1	ELBOW, pipe reducing, 90°, 1/4"NPT to 1/8"NPT (Used on tractors without electric hour meter)	
	913498	1	ELBOW, pipe, side outlet, 1/4"NPT (Used on tractors with electric hour meter)	
6	901834	1	BUSHING, pipe reducing, 1/4"NPT to 1/8"NPT (Used on tractors with electric hour meter)	
7	059263	1	HOSE, oil pressure gauge, upper (19" long)	
7A	059262	1	HOSE, oil pressure gauge, lower (11" long)	
8	048131	1	TUBE ASSEMBLY, oil pressure gauge (Includes NUTS. 32" long)	
9	040744	2	CONNECTOR, oil pressure gauge hose	
10	{ 901826	1	BUSHING, pipe reducing, 3/8"NPT to 1/4"NPT (Engines prior to #371-6039)	
	901839	1	BUSHING, pipe reducing, 1/2"NPT to 1/4"NPT (Engines #371-6039 and up)	
11	040152	1	GAUGE, fuel pressure	
12	040226	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2"	
	912729	3	LOCKWASHER, internal teeth, #6	
	{ 913038	1	ELBOW, flared, 5/16" tube, 1/8"NPT female (Tractors prior to #138)	
13	{ 910221	1	ELBOW, pipe reducing, 90°, 1/4"NPT to 1/8"NPT (Used on tractors #138 thru #554)	
	907059	1	ELBOW, street, 90°, 1/8"NPT (Used on tractors #555 and up)	
14	043952	1	RESTRICTOR, fuel pressure gauge (Started with tractor #554. Will fit prior units also)	
15	{ 040744	1	CONNECTOR, fuel pressure gauge hose (1/4"NPT and 5/8"-24 male ends)(Used on tractors #138 thru #554)	
	040740	1	CONNECTOR, fuel pressure gauge hose (1/8"NPT female, 5/8"-24 male)(Used on tractors #555 thru #7027)	
16	059265	1	HOSE, fuel pressure gauge (36" long)(When req'd for tractors prior to #138 also furnish 1 ELBOW 910221 and 1 CONNECTOR 040744)	
17	{ 913112	1	NIPPLE, pipe, 1/4"NPT x 1-3/8"	
	040744	1	(Used on tractors prior to #138)	
	040744	1	CONNECTOR, fuel pressure gauge hose (1/4"NPT and 5/8"-24 male ends)(Used on tractors #138 thru #17476)	
18	078926	1	ELBOW, fuel pressure gauge hose (90°, 1/4"NPT male and female) (Used on tractors prior to #17477)	
19	040758	1	GROMMET, fuel pressure gauge hose (rubber)	
20	048145	1	CLIP, temperature gauge tube (closed type, 1/2" diam. 17/32" bolt-hole)	
21	040796	2	CLIP, oil pressure gauge tube (closed type, 3/8" diam., 13/32" bolt-hole)	
22	036032	1	CAPSCREW, 3/8"NF x 3/4"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
23	034912	1	GAUGE, engine temperature	
24	040226	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2"	
	912729	3	LOCKWASHER, internal teeth, #6	
25	041581	1	GROMMET, engine temperature gauge tube (rubber)	
26	034911	1	AMMETER	
27	040226	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2"	
	912729	3	LOCKWASHER, internal teeth, #6	
28	042438	1	SWITCH ASSEMBLY, air heater ignition and lights (See page 165 for repair parts)(Started with tractor #332. Will fit prior units also)	
29	042504	2	SCREW, thread-cutting, cross-recessed-hd., #8 x 3/8"	
	911118	2	LOCKWASHER, #8	

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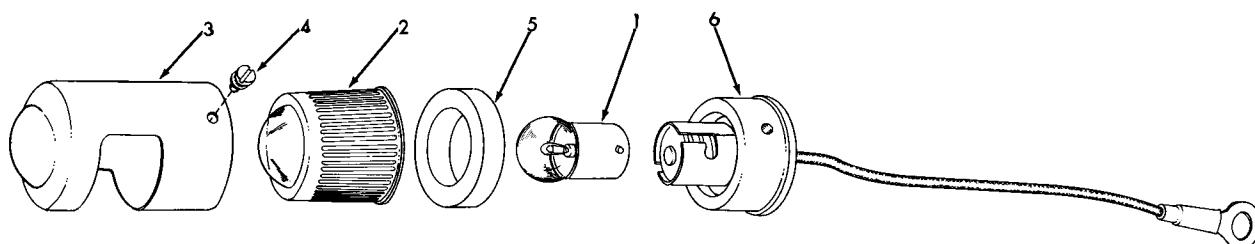
SWITCH KIT 096206

USAGE: Service replacement for SWITCH ASSEMBLY 042438

ITEM	PART NUMBER	QTY.	DESCRIPTION	PACKAGE NUMBER
	096206	1	SWITCH KIT (Consists of items listed below)	
1	083920	1	SWITCH ASSEMBLY, lights and ignition (Includes mounting nuts)	
2	096205	1	PLATE, switch adapting	
	900553	2	SCREW, machine, #8-32NC x 1/2"	
	906964	2	LOCKWASHER, #8	
	907154	2	NUT, #8-32NC	
Listed below are the parts that are superseded by this kit:				
	042438	1	SWITCH, combination	
	042504	2	SCREW, switch mounting	

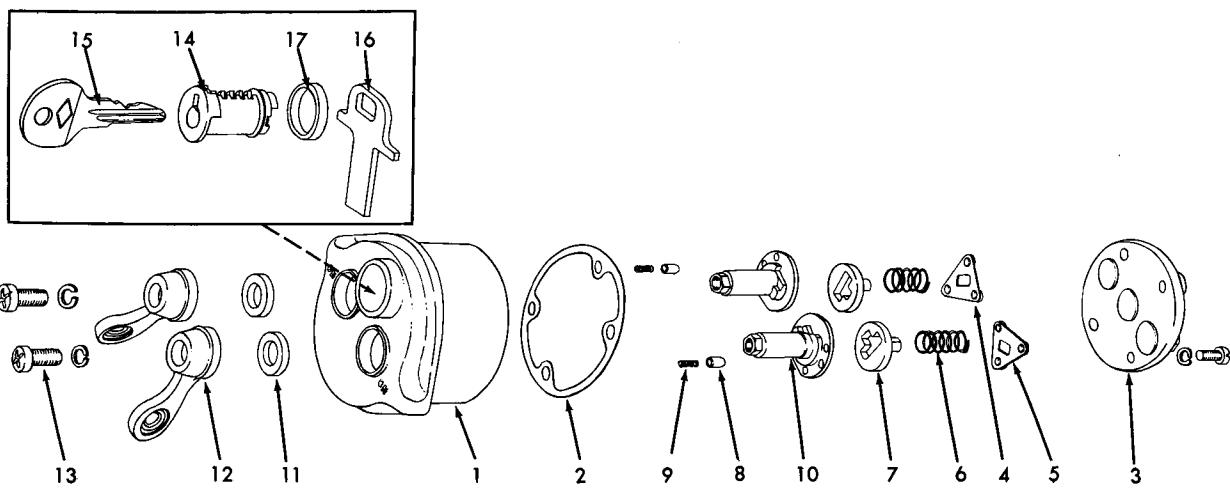
INSTRUMENTS (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
30	040936	1	LIGHT ASSEMBLY, dash (12 volt bulb)(See page 164 for repair parts)	
31	034076 911118	3	SCREW, thread-cutting, cross-recessed-hd., #8 x 1/2" LOCKWASHER, #8	
NOTE: Items 32 thru 35 comprise the RESISTOR MOUNTING as used with early type dash lights which were equipped with 6 volt bulb and built-in resistor to permit use in 12 volt system.				
32	040963	1	BRACKET, supporting, dash light resistor	
33	040968	2	WASHER, centering, dash light resistor	
34	913162 911118 907154	1	SCREW, machine, #8NF x 1-3/8" LOCKWASHER, #8 NUT, #8NF	
NOTE: Items 36 thru 39 comprise the Electric Type HOUR METER installation as used on tractors serial No. 213 and up, except No. 215 thru 219, 223, 242, 245, 250 thru 256, 261, 264 thru 269, 272, 275, 278, 279, 282 thru 285, 288 thru 293, 300 and 302. See page 176 for early type engine-driven HOUR METER.				
36	044902	1	METER, hour (Serviced only as a unit)	
37	040226 912729	3	SCREW, thread-cutting, cross-recessed-hd., #6 x 1/2" LOCKWASHER, internal teeth, #6	
38	050288	1	SWITCH, pressure, hour meter (When required for tractors prior to #6996 also furnish 1 CABLE 050327)	
39	050327	1	CABLE, hour meter pressure switch to ammeter (8" long)(Used on tractors #6997 and up)	



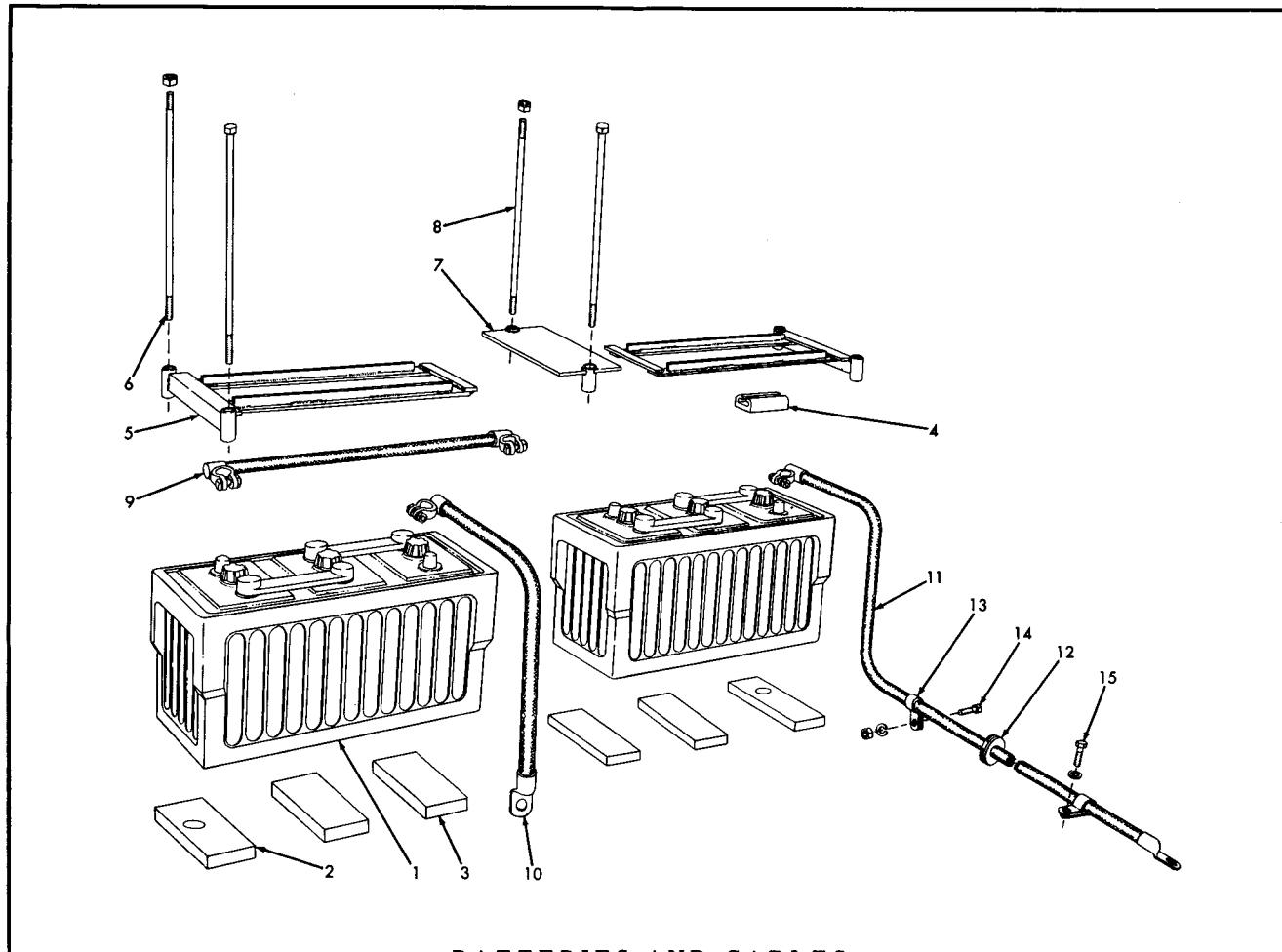
DASH LIGHT ASSEMBLY 040936

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 031805 048799	1 1	BULB, incandescent, single contact, 3 c.p., 6 volts (Used on early tractors only) BULB, incandescent, single contact, 3 c.p., 12 volts (Not used on early tractors)	
2	040974	1	GLASS	
3	040973	1	COVER, bulb	
4	044211	2	SCREW	
5	040969	1	GASKET, bulb cover	
6	-----	1	BASE ASSEMBLY (Not serviced. Order complete Light Assembly)	



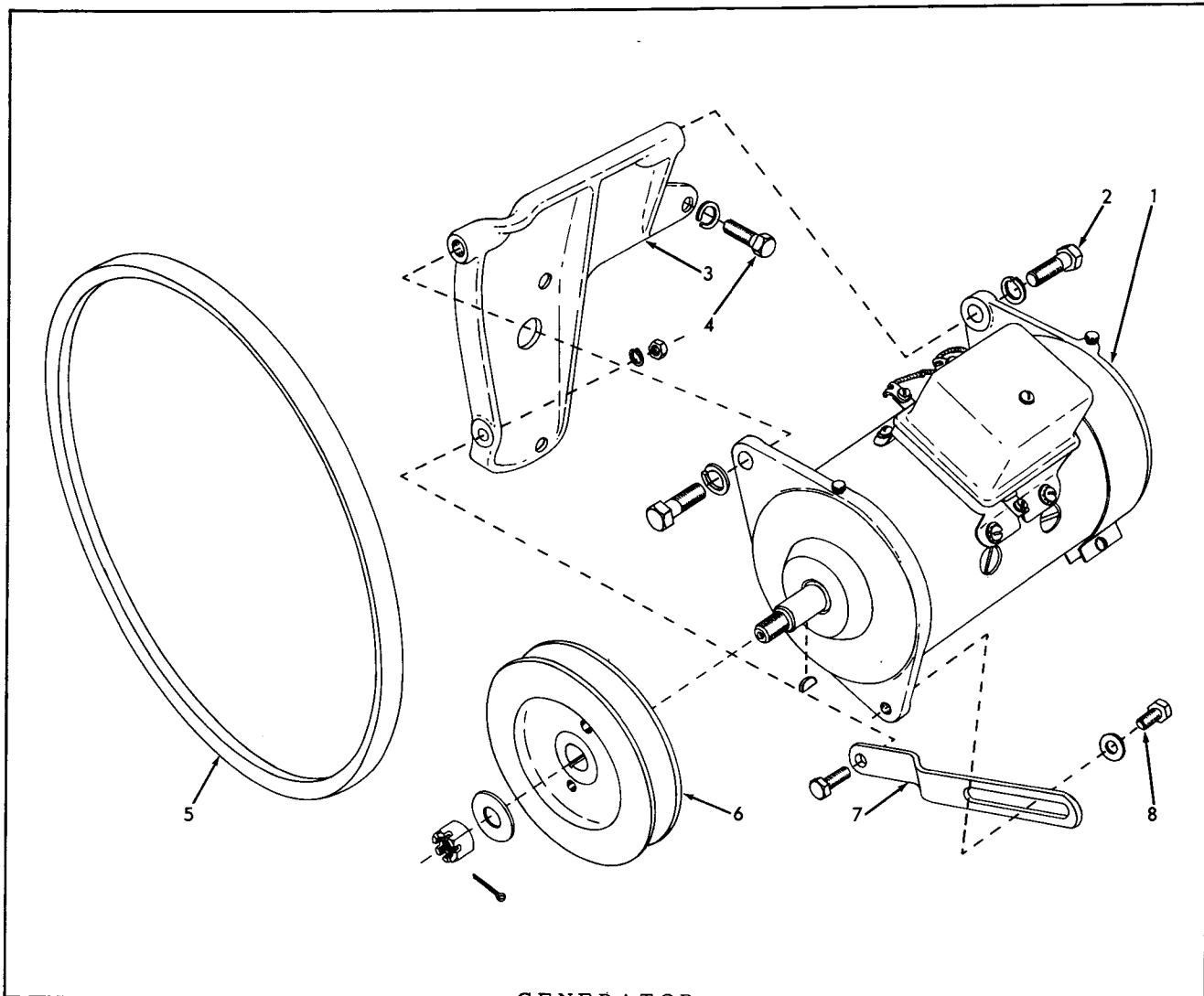
SWITCH ASSEMBLY 042438

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	042458	1	HOUSING ASSEMBLY (Includes expansion PLUG)	
2	042489	1	GASKET, housing	
3	042459 913885 904203	1 4 4	BACK ASSEMBLY (Includes terminal NUTS) SCREW, machine, fil-hd., #10-32NF x 7/16" LOCKWASHER, #10	
4	042462	1	CONTACT, ignition	
5	042463	1	CONTACT, lights	
6	042491	2	SPRING, contact	
7	042460	2	SUPPORT, contact	
8	042493	2	CUP, ratchet	
9	042492	2	SPRING, ratchet cup (small)	
10	042461	2	SHAFT, operating lever	
11	042490	2	WASHER, operating lever shaft (felt)	
12	042464	2	LEVER, operating	
13	042494 904203	2 2	SCREW (cross-recessed fil-hd., #10 x 7/16") LOCKWASHER, #10	
NOTE: Items 14 thru 17 comprise the LOCK ARRANGEMENT which is available as special equipment.				
14	042635	1	LOCK ASSEMBLY (Includes item 15)	
15	042643	2	KEY, lock	
16	042634	1	PLATE, lock	
17	042633	1	COLLAR, lock	



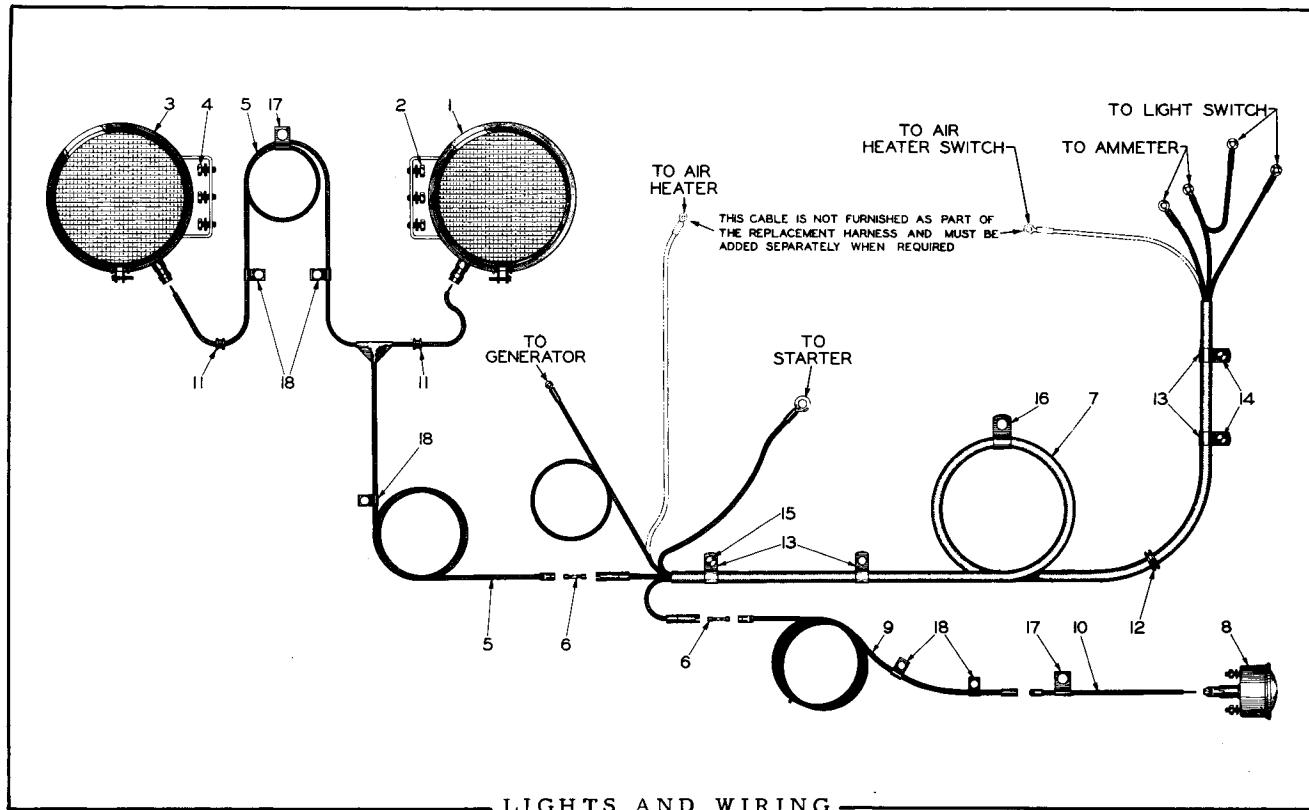
BATTERIES AND CABLES

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	2	BATTERY, storage, 6 volts, 25 plates (Autolite #7H-200R. Order from local battery dealer)	
2	041825	2	BOARD, bottom, end pieces (3/4" x 2-5/8" x 6-1/2")	
3	041826	4	BOARD, bottom, center pieces (3/4" x 2-5/8" x 6-1/2")	
4	042534	12	BLOCK, hold-down (rubber)	
5	041827	2	HOLD-DOWN	
	913158	2	BOLT, machine, hex-hd., 3/8"NC x 10-1/2"	
6	041796	2	STUD (3/8"NC x 3/8"NF x 11")	
	911041	2	NUT, 3/8"NF	
7	041830	1	EQUALIZER, hold-down	
	913158	1	BOLT, machine, hex-hd., 3/8"NC x 10-1/2"	
8	041796	1	STUD (3/8"NC x 3/8"NF x 11")	
	911041	1	NUT, 3/8"NF	
9	041301	1	CABLE, battery connecting (18-1/2" long)	
10	041890	1	CABLE, battery to ground (22" long)	
11	041891	1	CABLE, battery to starter (92" long)	
12	040765	1	GROMMET, battery cable (rubber)	
13	041483	5	CLIP, battery cable (closed type, 13/16" diam., 13/32" bolt-hole)	
14	036034	3	CAPSCREW, 3/8"NF x 1"	
15	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	904206	5	LOCKWASHER, 3/8"	
	911041	3	NUT, 3/8"NF	



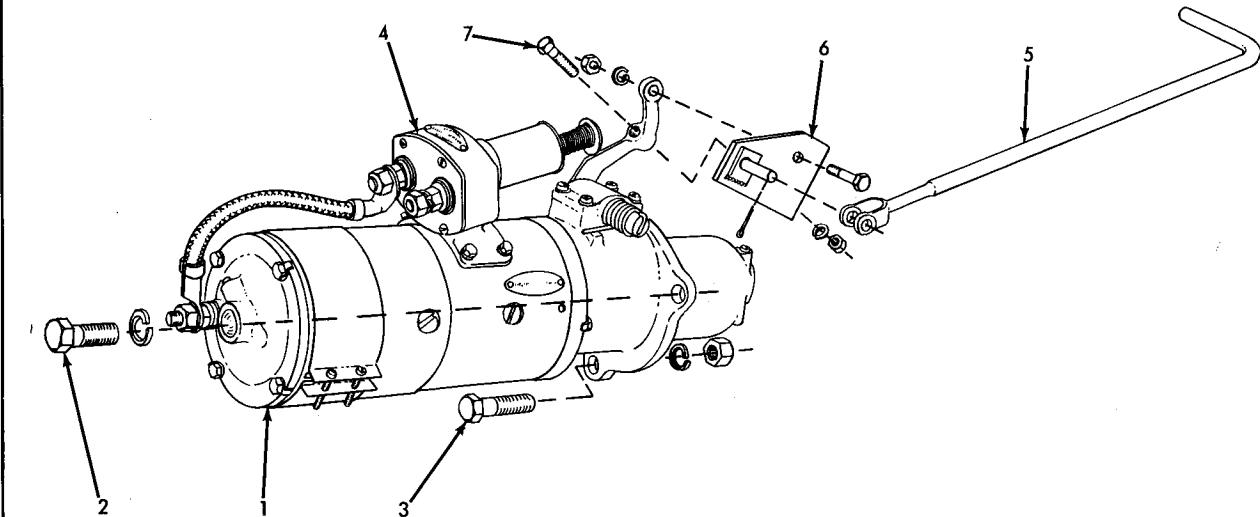
GENERATOR

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	069771	1	GENERATOR ASSEMBLY, electric (Includes KEY, WASHER, NUT) (DELCO-REMY #1105386. Was formerly #1105377. Order parts from local United Motor Service dealer)	
2	041250	2	CAPSCREW, 7/16"NC x 1-1/4"	
	904207	2	LOCKWASHER, 7/16"	
3	3222817	1	BRACKET, mounting	
4	041250	3	CAPSCREW, 7/16"NC x 1-1/4"	
	904207	3	LOCKWASHER, 7/16"	
5	040549	1	BELT, driving (21/32" wide x 42" long)	
6	040128	1	PULLEY, driving	
	905121	1	KEY, #5 woodruff, 1/8" x 5/8"	
	900818	1	WASHER, plain, U. S. std., 1/2"	
	911054	1	NUT, castle, 1/2"NF	
	900801	1	PIN, cotter, 3/32" x 3/4"	
7	3222369	1	LINK, belt adjustment	
	911168	1	CAPSCREW, 5/16"NF x 7/8"	
	913636	1	NUT, 5/16"NF	
	904205	1	LOCKWASHER, 5/16"	
8	045312	1	CAPSCREW, 5/16"NC x 3/4"	
	910335	1	WASHER, plain, SAE std., 5/16"	



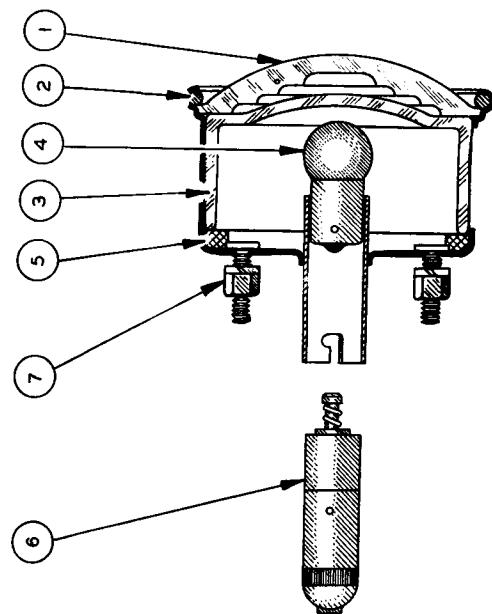
LIGHTS AND WIRING

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	037131	1	LIGHT ASSEMBLY, head, left side (See page 171 for repair parts)	
2	036032	3	CAPSCREW, 3/8"NF x 3/4"	
	904206	3	LOCKWASHER, 3/8"	
3	037132	1	LIGHT ASSEMBLY, head, right side (See page 171 for repair parts)	
4	036032	3	CAPSCREW, 3/8"NF x 3/4"	
	904206	3	LOCKWASHER, 3/8"	
5	042764	1	CABLE, head light	
6	208960	2	FUSE, cartridge type, 1/4" x 1-1/4", 20 amperes	
7	065972	1	HARNESS, wiring (When required for tractors prior to #502 also furnish 1 CABLE 042763 and 1 CABLE 042764)	
8	033027	1	LIGHT ASSEMBLY, tail (See page 171 for repair parts)	
9	042763	1	CABLE, tail light, front section (100" long)	
10	041871	1	CABLE, tail light, rear section (12" long)	
11	023176	2	GROMMET, head light cable (rubber)	
12	040842	1	GROMMET, wiring harness (rubber)	
13	207091	4	CLIP, wiring harness (closed type, 1/2" diam., 13/32" bolt-hole)	
14	036032	2	CAPSCREW, 3/8"NF x 3/4"	
15	035439	1	CAPSCREW, 3/8"NC x 1"	
	904206	3	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
16	048145	1	CLIP, wiring harness (closed type, 1/2" diam., 17/32" bolt-hole)	
17	AM-9622	2	CLIP, head light and tail light cables (closed type, 3/16" diam., 17/32" bolt-hole)	
18	U-479	5	CLIP, head light and tail light cables (closed type, 3/16" diam., 13/32" bolt-hole)	



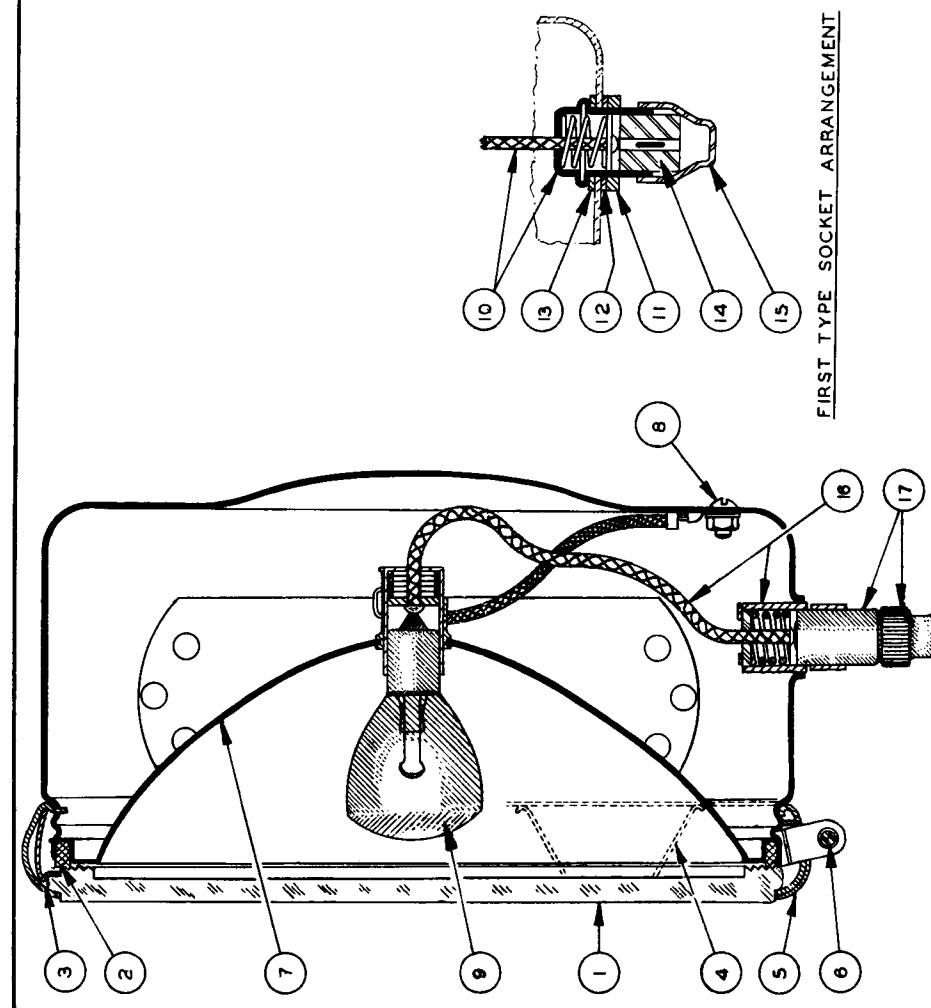
S T A R T E R

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	034917	1	MOTOR, starting (Includes item 4)(DELCO-REMY #1108811. Was formerly #1108714. Order parts from local United Motor Service dealer)	
2	035440	2	CAPSCREW, 5/8"NC x 1-1/2"	
3	035248	1	CAPSCREW, 5/8"NF x 2-1/4"	
904209	3		LOCKWASHER, 5/8"	
911044	1		NUT, 5/8"NF	
4	034924	1	SWITCH, starting motor (DELCO-REMY #407C. Order parts from local United Motor Service dealer)	
5	041899	1	ROD, operating	
6	041894	1	EXTENSION, starting motor lever	
	900801	1	PIN, cotter, 3/32" x 3/4"	
	910332	1	CAPSCREW, 5/16"NF x 2"	
7	041981	1	CAPSCREW, 5/16"NF x 1-1/2"	
	913636	2	NUT, 5/16"NF	
	904205	2	LOCKWASHER, 5/16"	



TAIL LIGHT REPAIRS

035027 TAIL LIGHT



HEAD LIGHT REPAIRS

034821 HEAD LIGHT - LEFT
034822 HEAD LIGHT - RIGHT
037131 HEAD LIGHT - LEFT
037132 HEAD LIGHT - RIGHT

PLATE 109IB - HEAD LIGHT AND TAIL LIGHT REPAIRS

HEAD LIGHT REPAIRS

037131 HEAD LIGHT ASSEMBLY, left (See pages 168 and 172)
 037132 HEAD LIGHT ASSEMBLY, right (See pages 168 and 172)

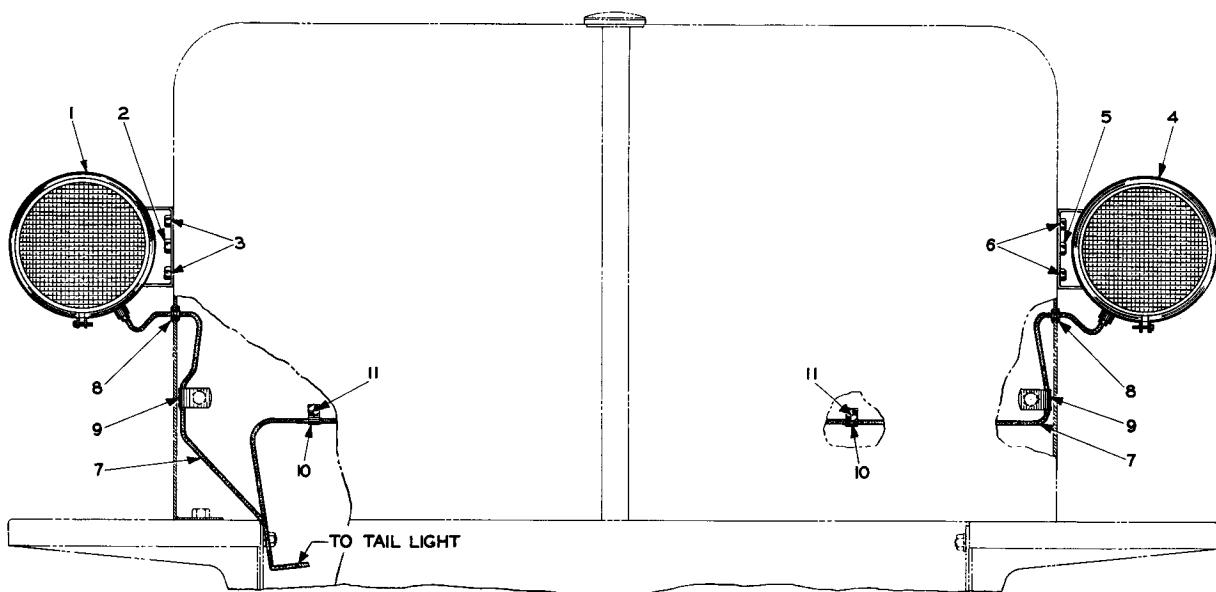
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	033140	1	LENS (glass, 7-7/8" diam.)	
2	033143	1	WASHER, lens (cork)	
3	033231	1	CLIP, lens retaining	
4	050889	2	SPRING, lens retaining	
5	033142	1	MOULDING	
6	042600	1	SCREW	
7	033141	1	REFLECTOR	
8	055462	1	SCREW, reflector ground wire	
	912739	1	LOCKWASHER, internal teeth, #8	
	907154	1	NUT, #8-32NC	
9	032793	1	BULB (single contact, 32 c.p., 12 volt)	
			NOTE: Items 10 thru 15 comprise the early type Socket Arrangement used on Headlights built prior to approx. April 1, 1943.	
10	033217	1	CABLE ASSEMBLY (Includes SOCKET)	
11	033221	1	NUT	
12	033222	1	LOCKWASHER	
13	033220	1	WASHER, socket (plain)	
14	033201	1	PLUG, socket	
15	033202	1	CAP, socket plug	
			NOTE: Items 16 and 17 comprise the later type Socket Arrangement used on Headlights built after April 1, 1943.	
16	049104	1	CABLE ASSEMBLY (Includes SOCKET)	
17	049102	1	PLUG ASSEMBLY (Includes NUT)	
			NOTE: Quantities indicated are for one light only.	

TAIL LIGHT ASSEMBLY 033027

NOTE: See page 168 for listing of complete Tail Light Assembly.

1	034014	1	LENS (red)
2	212758	1	RING, lens retaining
3	043716	1	CUP (glass)
4	031806	1	BULB (single contact, 3 c.p., 12 volt)
5	043713	1	GASKET, cup
6	047307	1	PLUG, cable
7	{ 911040	2	NUT, 1/4"NF
	904204	2	LOCKWASHER, 1/4"

NOTE: Quantities indicated are for one light only.

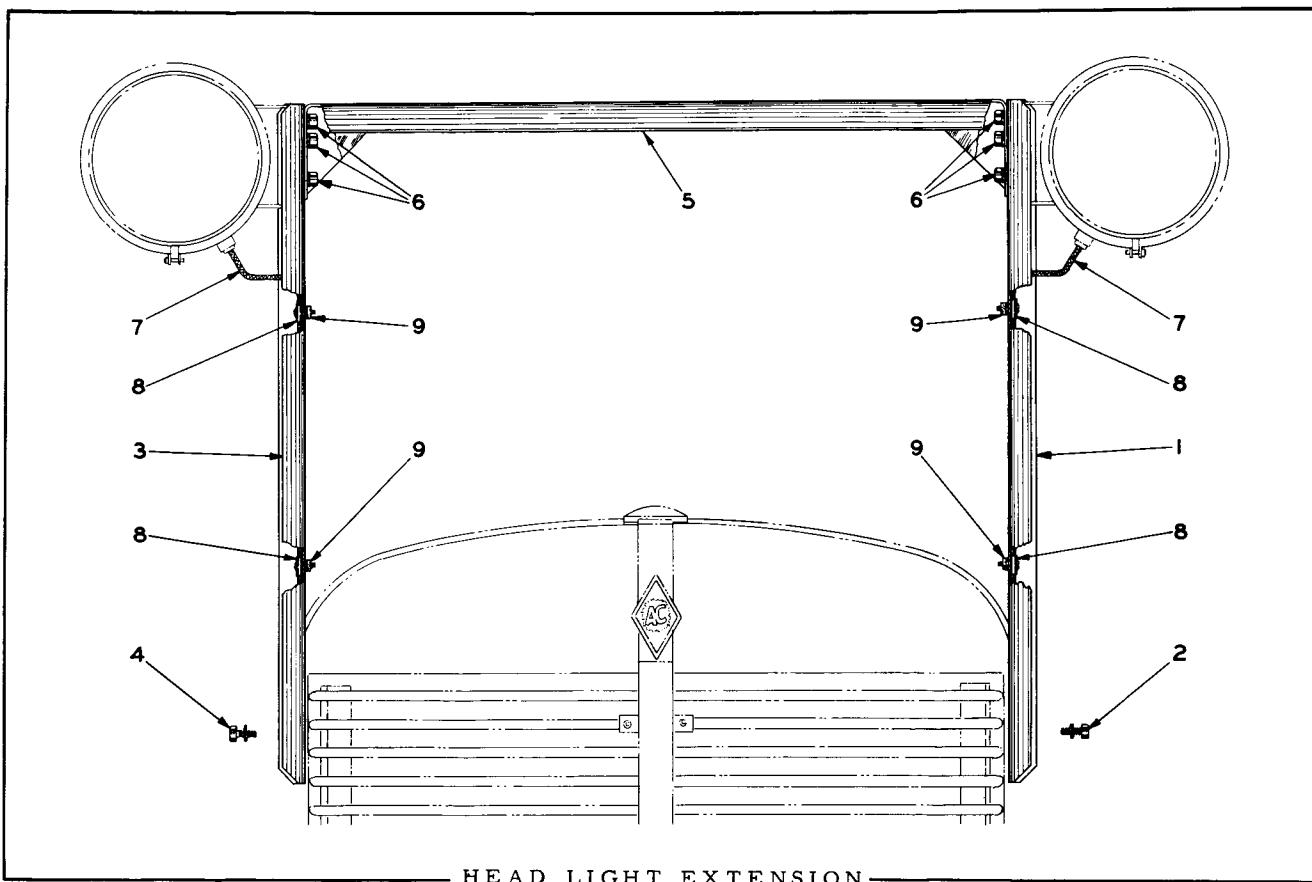


REAR FLOOD LIGHTS

USAGE: Special Equipment.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	037132	1	LIGHT ASSEMBLY, left (See page 171 for repair parts)	
2	036032	1	CAPSCREW, 3/8"NF x 3/4"	
3	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	3	LOCKWASHER, 3/8"	
	911041	3	NUT, 3/8"NF	
4	037131	1	LIGHT ASSEMBLY, right (See page 171 for repair parts)	
5	036032	1	CAPSCREW, 3/8"NF x 3/4"	
6	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	3	LOCKWASHER, 3/8"	
	911041	3	NUT, 3/8"NF	
7	042069	1	CABLE, flood lights and tail light	
8	023176	2	GROMMET, cable protecting	
9	042071	2	CLIP, light cable (closed type, 3/16" diam., 21/32" bolt-hole)	
10	U-479	2	CLIP, light cable (closed type, 3/16" diam., 17/32" bolt-hole)	
11	036032	2	CAPSCREW, 3/8"NF x 3/4"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	

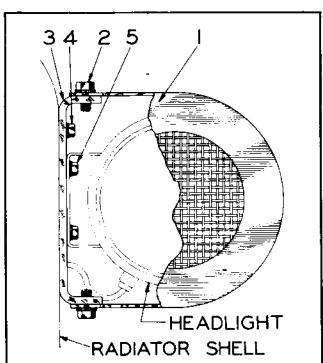
SPECIAL ATTACHMENTS



HEAD LIGHT EXTENSION

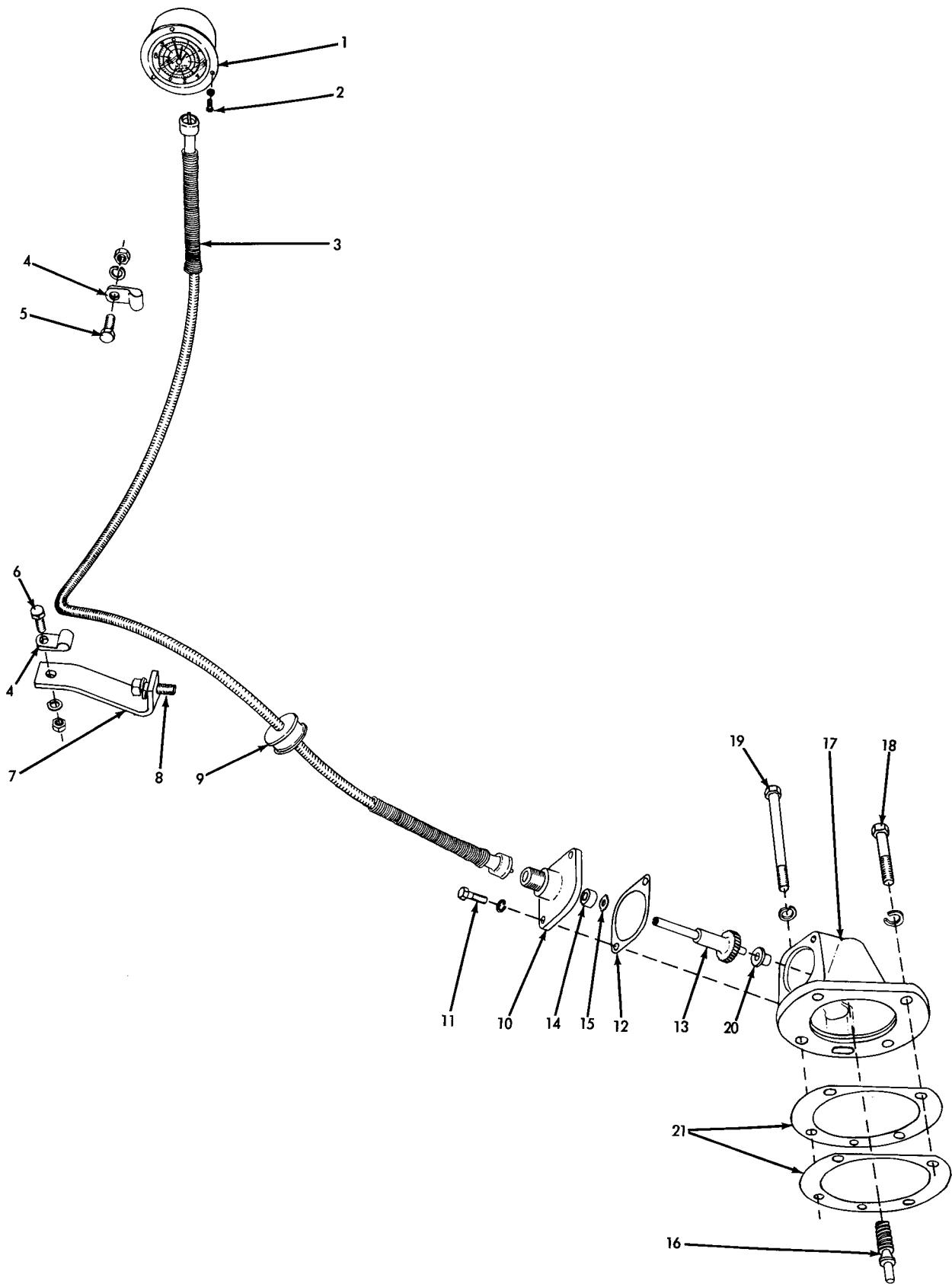
USAGE: Special Equipment. Provides better illumination with use of front-mounted equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	031551	1	BRACKET, extension, left	
2	036032	3	CAPSCREW, 3/8"NF x 3/4"	
	904206	3	LOCKWASHER, 3/8"	
3	031552	1	BRACKET, extension, right	
4	036032	3	CAPSCREW, 3/8"NF x 3/4"	
	904206	3	LOCKWASHER, 3/8"	
5	042088	1	BRACE, connecting	
6	036034	6	CAPSCREW, 3/8"NF x 1"	
	904206	6	LOCKWASHER, 3/8"	
	911041	6	NUT, 3/8"NF	
7	041964	2	CABLE, head light (32" long)	
8	206592	4	CLIP, head light cable (closed type, 1/4" diam., 9/32" bolt-hole)	
9	{ 904478	4	BOLT, stove, 1/4"NC x 5/8", with NUT	
	904204	4	LOCKWASHER, 1/4"	



HEAD LIGHT GUARDS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041750	2	GUARD, headlight	
2	070467	8	CAPSCREW, 1/2"NF x 1"	
	904208	8	LOCKWASHER, 1/2"	
3	041751	2	BRACKET, mounting	
4	036034	4	CAPSCREW, 3/8"NF x 1"	
5	012992	4	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	8	LOCKWASHER, 3/8"	

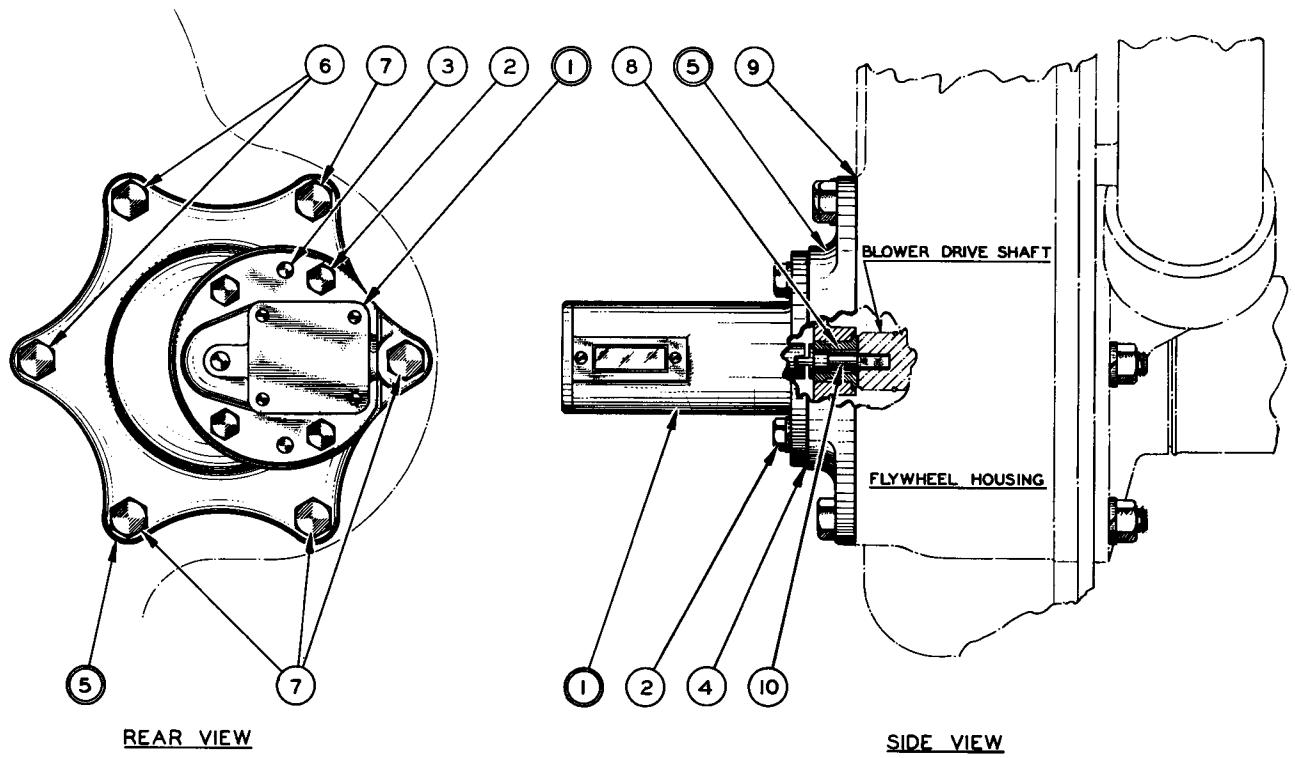


ODOMETER

ODOMETER

USAGE: Special Equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 047678 057784	1 1	ODOMETER (Registers miles) ODOMETER (Registers kilometers)	
2	040226 912729	3 3	SCREW, thread-cutting, cross-recessed-hd., #6NC x 1/2" LOCKWASHER, internal teeth, #6	
3	047705	1	SHAFT, flexible (Serviced only as a unit)	
4	033043	2	CLIP, flexible shaft (closed type, 7/16" diam., 13/32" bolt-hole)	
5	036032	1	CAPSCREW, 3/8"NF x 3/4"	
6	036034 904206	1 2	CAPSCREW, 3/8"NF x 1" LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF	
7	048488	1	BRACKET, flexible shaft supporting	
8	035061 904208	1 1	CAPSCREW, 1/2"NC x 1-1/4" LOCKWASHER, 1/2"	
9	047674	1	GROMMET, flexible shaft (rubber)	
10	047677	1	CAP, drive housing	
11	045295 904205	2 2	CAPSCREW, 5/16"NC x 1" LOCKWASHER, 5/16"	
12	047664	1	GASKET, drive housing cap	
13	047665	1	GEAR AND SHAFT, driven	
14	047661	1	PACKING, driven gear shaft	
15	047672	1	WASHER, driven gear shaft packing	
16	047666	1	WORM, driving (Pressed in end of transmission bevel pinion shaft)	
17	{ 047675 051618	1 1	HOUSING ASSEMBLY, drive (Includes item 20)(Used on tractors prior to #9718) HOUSING ASSEMBLY, drive (Includes item 20)(Used on tractors #9718 and up)	
18	{ 012871 028979	3 3	CAPSCREW, 1/2"NC x 2-3/4" (Tractors prior to #9718) CAPSCREW, 1/2"NC x 2-1/2" (Tractors #9718 and up)	
19	{ 052191 046590 904208	1 1 4	CAPSCREW, 1/2"NC x 5-1/2" (Tractors prior to #9718) CAPSCREW, 1/2"NC x 5-1/4" (Tractors #9718 and up) LOCKWASHER, 1/2"	
20	047673	1	BUSHING, drive housing	
21	035195	2	GASKET, drive housing	



HOUR METER (Engine Driven)

ITEM	PART NUMBER	QTY.	DESCRIPTION	USAGE: Tractors prior to serial No. 31.	KIT NUMBER
1	-----	1	METER, hour (Not serviced. Replace with late type electric meter. Order 1 METER 044902, 1 SWITCH 050288, 1 CABLE 050327, 1 ELBOW 913498, 1 BUSHING 901834, 3 SCREWS 040226 and 3 LOCKWASHERS 912729. To install, cut 2-1/8" diam. hole in dash and drill three 1/8" holes using new meter as template. Install pressure SWITCH and ELBOW on oil pressure gauge)		
2	034964 904204	4 4	CAPSCREW, 1/4"NC x 3/4" LOCKWASHER, 1/4"		
3	040420	2	PIN, dowel		
4	040362	1	GASKET, meter to adapting plate		
5	040739	1	PLATE ASSEMBLY, adapting (Includes item 8)		
6	035439	2	CAPSCREW, 3/8"NC x 1"		
7	040426 904206 911041	4 6 4	CAPSCREW, 3/8"NF x 5" LOCKWASHER, 3/8" NUT, 3/8"NF		
8	-----	1	BUSHING, adapting plate (Not serviced separately)		
9	5150057	1	GASKET, adapting plate to flywheel housing		
10	042407	1	SHAFT, driving		

HOOD SIDE PLATES
(Not Illustrated)

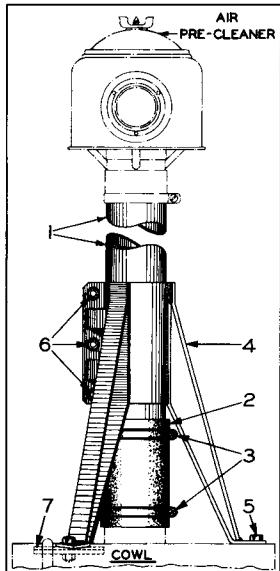
USAGE: Special Equipment. For all tractors except those equipped with ENGINE COOLANT HEATER.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
FIRST TYPE - For normal weather conditions. Plates have ventilating louvre openings.				
1	042086	2	PLATE ASSEMBLY (Includes items 3 and 4)	
2	035439	4	CAPSCREW, 3/8"NC x 1"	
904206	4		LOCKWASHER, 3/8"	
911115	4		WASHER, plain, SAE std., 3/8"	
3	032834	4	HANDLE, lifting	
4	911092	8	RIVET, rd-hd., 3/16" x 1/2"	
5	042060	4	SUPPORT (angle iron)	
6	070467	8	CAPSCREW, 1/2"NF x 1"	
904208	8		LOCKWASHER, 1/2"	
911043	8		NUT, 1/2"NF	
SECOND TYPE - For cold weather conditions. Plates have no ventilating louvre openings.				
7	049592	2	PLATE ASSEMBLY (Includes items 8 thru 11)	
8	032834	4	HANDLE, lifting	
9	911092	8	RIVET, rd-hd., 3/16" x 1/2"	
10	033060	4	FASTENER, hood plate	
11	911092	12	RIVET, rd-hd., 3/16" x 1/2"	

RADIATOR SCREEN
(Not Illustrated)

USAGE: Protects radiator from clogging by leaves and other small objects. Cannot be used with push-type cooling fan.

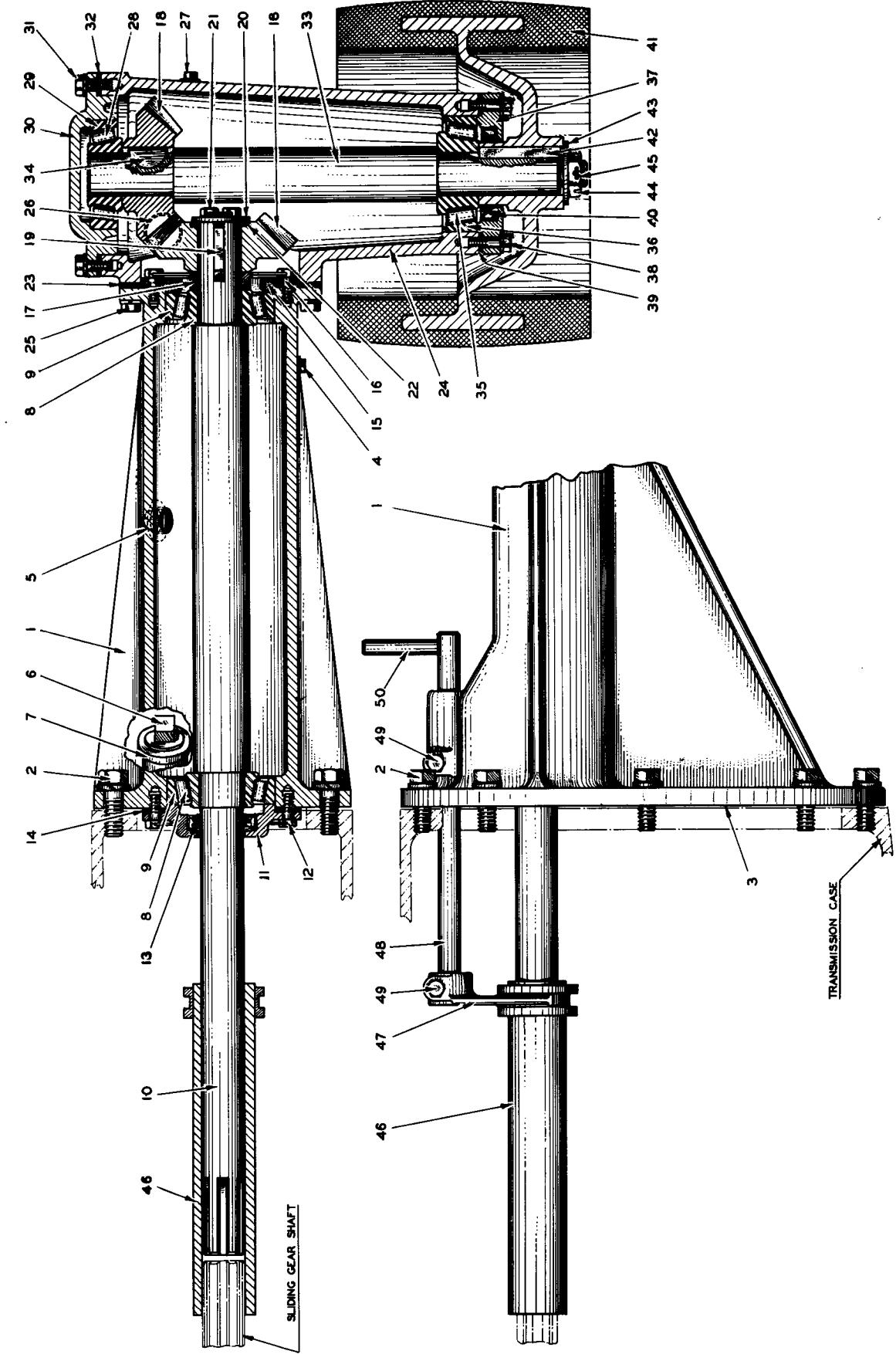
1	042505	2	SCREEN (half section)
2	036034	8	CAPSCREW, 3/8"NF x 1"
	904206	8	LOCKWASHER, 3/8"



AIR PRE-CLEANER EXTENSION

USAGE: Special Equipment. Applicable to tractors serial No. 2603 and up.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	051887	1	TUBE, extension	
2	043718	1	HOSE, extension tube	
3	605828	2	CLAMP, hose, 3-1/2" diam.	
4	051886	1	TRIPOD, extension tube bracing	
5	036034	3	CAPSCREW, 3/8"NF x 1"	
904206	3		LOCKWASHER, 3/8"	
911041	3		NUT, 3/8"NF	
6	043646	3	CAPSCREW, 5/16"NF x 1-1/4"	
904205	3		LOCKWASHER, 5/16"	
913636	3		NUT, 5/16"NF	
7	051888	2	PLATE, cowl reinforcing	



POWER PULLEY

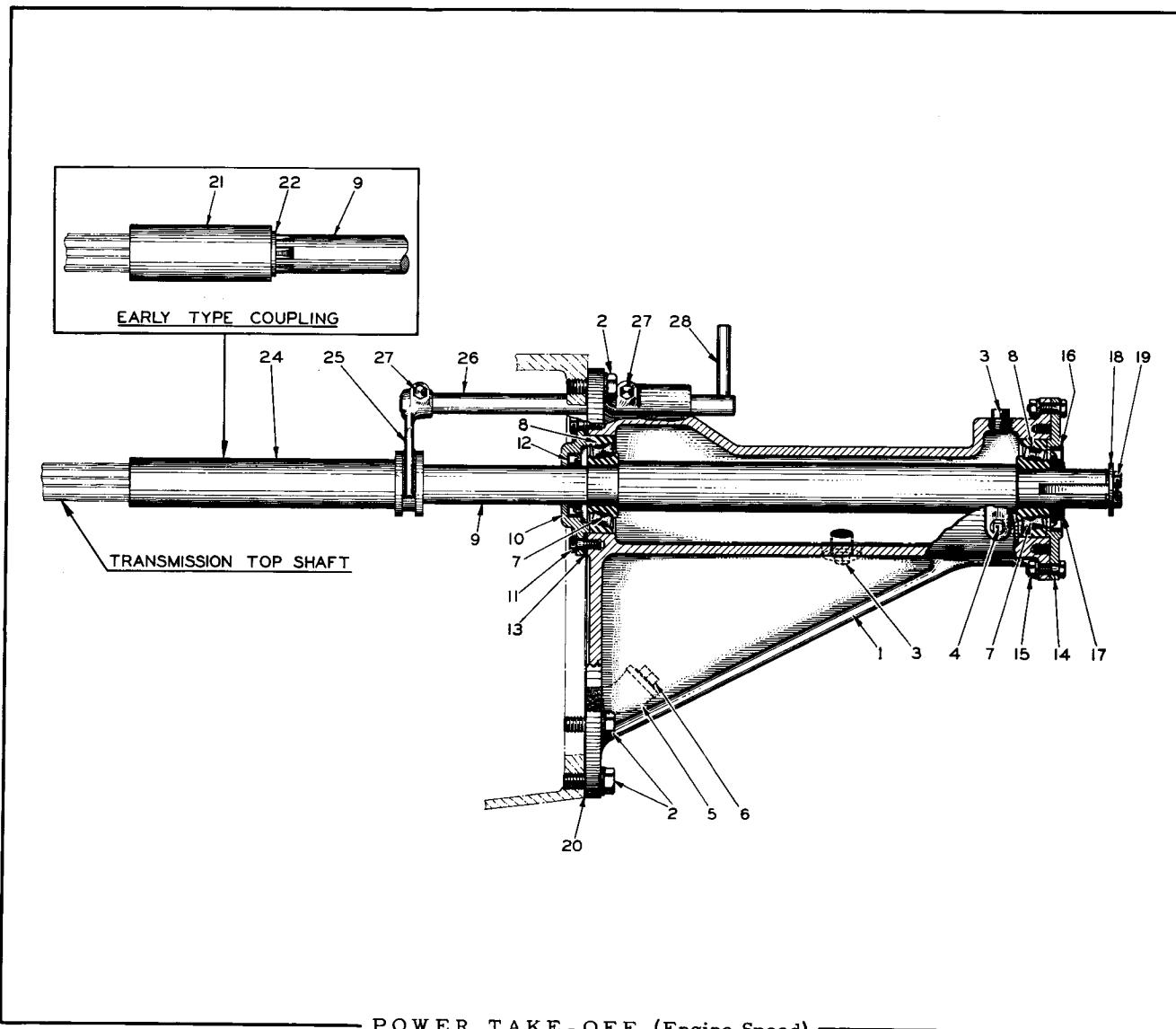
USAGE: Special Equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	036135	1	BRACKET, housing, input shaft	
2	036707	8	CAPSCREW, 5/8"NC x 1-3/4"	
	904209	8	LOCKWASHER, 5/8"	
3	035409	1	GASKET, housing bracket to transmission case	
4	901652	1	PLUG, pipe, 1/4"NPT	
5	912726	2	PLUG, pipe, 3/4"NPT	
6	912768	1	PLUG, pipe, 1"NPT	
7	911076	1	ELBOW, street, 45°, 1"NPT	
8	042893	2	CONE ASSEMBLY, input shaft bearing	
9	211567	2	CUP, input shaft bearing	
10	036139	1	SHAFT, input	
11	034701	1	RETAINER, input shaft front bearing	
12	{ 013044	8	CAPSCREW (drilled head, 3/8"NC x 7/8")	
	023756	1	WIRE, locking (1/16" x 26")	
13	030327	1	SEAL, oil, input shaft	
14	{ 036140	2	SHIM, input shaft bearing adjustment (.005" thick. Use as req'd)	
	036142	4	SHIM, input shaft bearing adjustment (.010" thick. Use as req'd)	
	036141	2	SHIM, input shaft bearing adjustment (.020" thick. Use as req'd)	
15	036136	1	RETAINER, input shaft rear bearing	
16	{ 013044	7	CAPSCREW (drilled head, 3/8"NC x 7/8")	
	023756	1	WIRE, locking (1/16" x 26")	
17	036138	1	SPACER, input shaft gear	
18	028117	2	GEAR, bevel	
19	028109	1	KEY, input shaft gear	
20	045358	1	WASHER, retaining, input shaft gear	
21	{ 013044	2	CAPSCREW (drilled head, 3/8"NC x 7/8")	
	023633	1	WIRE, locking (1/16" x 12")	
22	{ 036093	2	SHIM, input shaft end washer (.005" thick. Use as req'd)	
	036094	4	SHIM, input shaft end washer (.010" thick. Use as req'd)	
	036095	2	SHIM, input shaft end washer (.020" thick. Use as req'd)	
23	{ 028113	2	SHIM, gear mesh adjustment (.005" thick. Use as req'd)	
	028115	4	SHIM, gear mesh adjustment (.010" thick. Use as req'd)	
	028114	2	SHIM, gear mesh adjustment (.020" thick. Use as req'd)	
24	028122	1	CASE, pulley shaft	
25	035439	8	CAPSCREW, 3/8"NC x 1"	
	904206	8	LOCKWASHER, 3/8"	
26	912768	2	PLUG, pipe, 1"NPT	
27	901652	1	PLUG, pipe, 1/4"NPT	
28	042893	1	CONE ASSEMBLY, pulley shaft inner bearing	
29	211567	1	CUP, pulley shaft inner bearing	
30	036092	1	CUP, retaining, pulley shaft inner bearing	
31	035439	8	CAPSCREW, 3/8"NC x 1"	
	904206	8	LOCKWASHER, 3/8"	
32	{ 028113	2	SHIM, gear mesh adjustment (.005" thick. Use as req'd)	
	028115	4	SHIM, gear mesh adjustment (.010" thick. Use as req'd)	
	028114	2	SHIM, gear mesh adjustment (.020" thick. Use as req'd)	
33	028121	1	SHAFT, pulley	
34	910851	1	KEY, "G" woodruff, 3/8" x 1-1/2"	
35	042865	1	CONE ASSEMBLY, pulley shaft outer bearing	
36	211068	1	CUP, pulley shaft outer bearing	
37	034699	1	RETAINER, pulley shaft outer bearing	
38	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	

(Continued)

POWER PULLEY (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
39	028140	2	SHIM, pulley shaft bearing adjustment (.005" thick. Use as req'd)	
	028141	2	SHIM, pulley shaft bearing adjustment (.010" thick. Use as req'd)	
	028142	4	SHIM, pulley shaft bearing adjustment (.020" thick. Use as req'd)	
40	034697	1	SEAL, oil, pulley shaft	
41	077545	1	PULLEY, belt (10" diameter)	
	077165	1	PULLEY, belt (12" diameter)	
42	028143	1	KEY, belt pulley (3/8" x 3/8" x 3-7/8")	
43	021475	1	WASHER, pulley retaining	
44	021221	1	NUT, pulley retaining	
45	900808	1	PIN, cotter, 1/8" x 1-1/2"	
46	038558	1	COUPLING, input shaft	
47	038561	1	FORK, shifting, input shaft coupling	
48	038562	1	SHAFT, shifting fork	
49	035280	2	CAPSCREW, shifting fork and shaft	
	911053	2	NUT, castle, 3/8"NF	
	900806	2	PIN, cotter, 1/8" x 1"	
50	038563	1	HANDLE, shifting fork shaft	

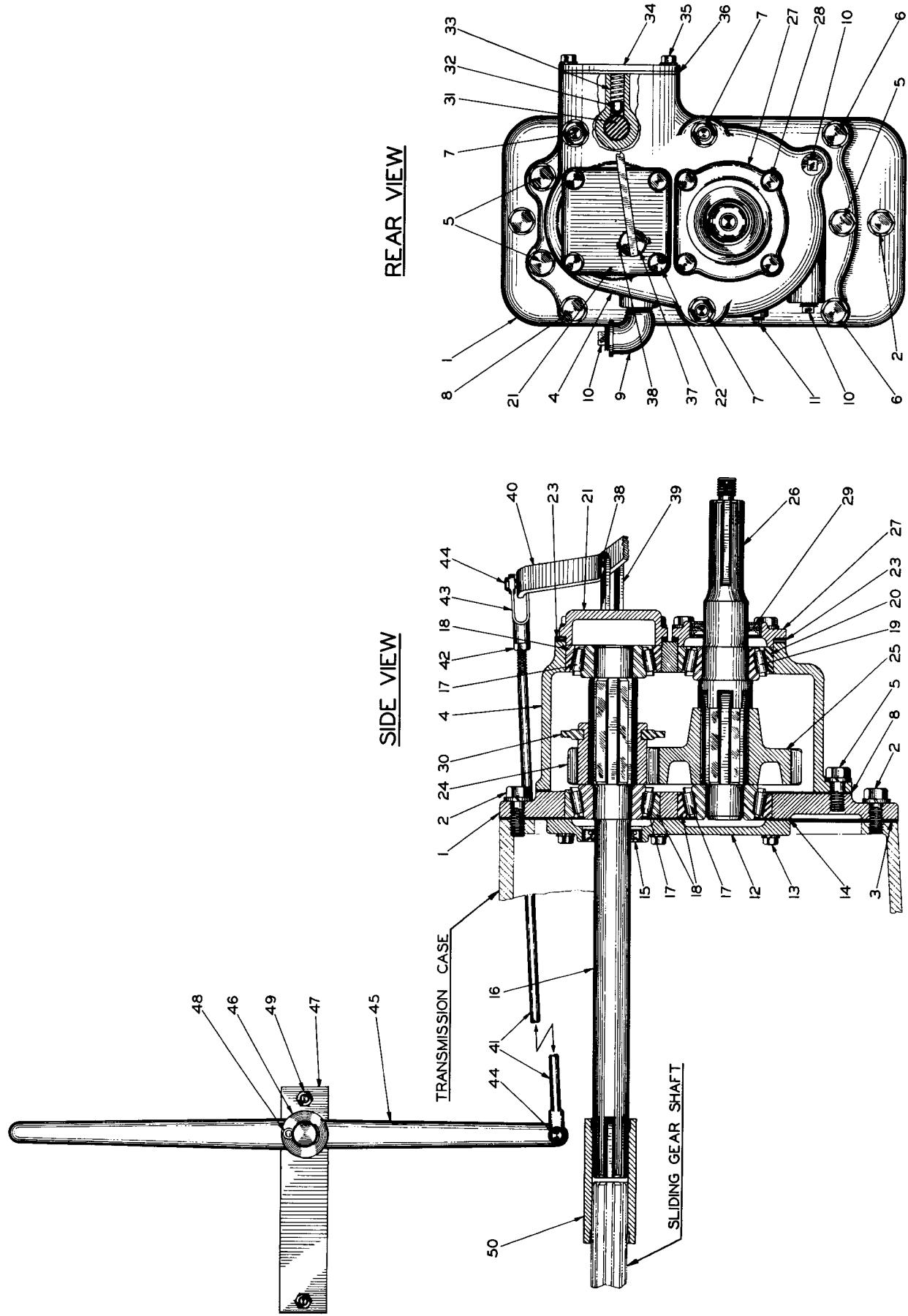


POWER TAKE-OFF (Engine Speed)

POWER TAKE-OFF (Engine Speed)

ITEM	PART NUMBER	QTY.	DESCRIPTION	USAGE: Special Equipment.	KIT NUMBER
1	036135	1	BRACKET, drive shaft		
2	036707	8	CAPSCREW, 5/8"NC x 1-3/4"		
	904209	8	LOCKWASHER, 5/8"		
3	912726	2	PLUG, pipe, 3/4"NPT		
4	901652	1	PLUG, pipe, 1/4"NPT		
5	911076	1	ELBOW, street, 45°, 1"NPT		
6	912768	1	PLUG, pipe, 1"NPT		
7	042893	2	CONE ASSEMBLY, drive shaft bearing		
8	211567	2	CUP, drive shaft bearing		
9	036139	1	SHAFT, drive		
10	034701	1	RETAINER, front bearing		
11	{ 013044 023756	8	CAPSCREW (drilled head, 3/8"NC x 7/8")		
		1	WIRE, locking (1/16" x 26")		
12	030327	1	SEAL, oil		
	{ 036140 036142 036141	2	SHIM, bearing adjustment (.005" thick. Use as req'd)		
13		4	SHIM, bearing adjustment (.010" thick. Use as req'd)		
		2	SHIM, bearing adjustment (.020" thick. Use as req'd)		
14	034698	1	RETAINER, rear bearing		
15	013058	8	CAPSCREW, 3/8"NC x 1-1/4"		
	904206	8	LOCKWASHER, 3/8"		
	911026	8	NUT, 3/8"NC		
16	034697	1	SEAL, oil		
17	036138	1	SPACER, oil seal		
18	045358	1	WASHER, drive shaft		
19	{ 013044 023633	2	CAPSCREW (drilled head, 3/8"NC x 7/8")		
		1	WIRE, locking (1/16" x 12")		
20	035409	1	GASKET, bracket to transmission case		
	NOTE: Items 21 thru 23 comprise the EARLY TYPE COUPLING ARRANGEMENT with no disengagement provision, as used on units built prior to 1950.				
21	055563	1	COUPLING, splined		
22	033003	1	RING, snap, coupling retaining		
23	038564	1	PLUG, cork, drive shaft bracket (Not illustrated)		
	NOTE: Items 24 thru 28 comprise the LATE TYPE COUPLING ARRANGEMENT with disengagement provision as used on units built after 1949.				
24	038558	1	COUPLING, splined		
25	038561	1	FORK, shifting, splined coupling		
26	038562	1	SHAFT, shifting fork		
27	035280	2	CAPSCREW, shifting fork and shaft		
	911053	2	NUT, castle, 3/8"NF		
	900806	2	PIN, cotter, 1/8" x 1"		
28	038563	1	HANDLE, shifting fork shaft		

POWER TAKE-OFF (Early Type)



POWER TAKE-OFF

**USAGE: Special Equipment on early units only. Operates at 574 rpm
in clockwise direction only.**

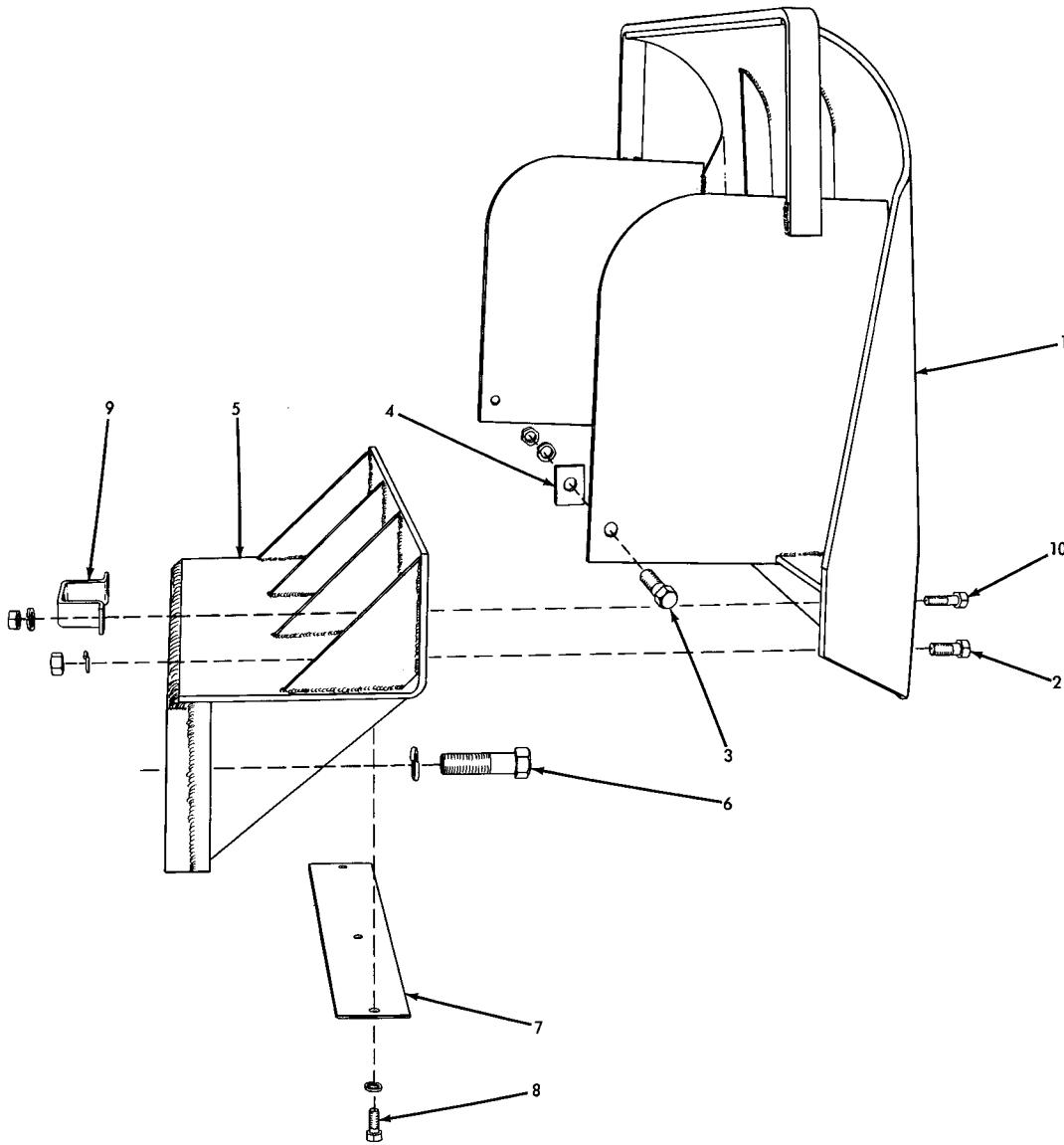
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	036495	1	BASE, gear case	
2	035440	2	CAPSCREW, 5/8"NC x 1-1/2"	
	904209	2	LOCKWASHER, 5/8"	
3	035409	1	GASKET, base to transmission case	
4	036496	1	CASE, gear	
	910005	1	PLUG, expansion, 1-1/8" diam.	
5	035440	3	CAPSCREW, 5/8"NC x 1-1/2"	
6	037332	3	CAPSCREW, 5/8"NC x 3"	
7	036524	3	STUD (5/8"NC x 8-1/2")	
	904209	9	LOCKWASHER, 5/8"	
	911029	3	NUT, 5/8"NC	
8	036492	1	GASKET, gear case	
9	901725	1	ELBOW, street, 90°, 3/4"NPT	
10	912726	3	PLUG, pipe, 3/4"NPT	
11	901652	1	PLUG, pipe, 1/4"NPT	
12	047050	1	RETAINER, front bearings (When required for units built prior to March 15, 1942, also furnish 1 SEAL 604439)	
13	028271	6	CAPSCREW, 3/8"NC x 1-3/4"	
	904206	6	LOCKWASHER, 3/8"	
14	036493	1	GASKET, front bearing retainer	
15	{ 036332	1	RETAINER, top shaft packing	Used on units built prior to March 15, 1942
	036334	2	PACKING, felt, top shaft	
	604439	1	SEAL, oil, top shaft (Used on units built after March 15, 1942)	
16	036490	1	SHAFT, top	
17	042866	3	CONE ASSEMBLY, shaft bearings	
18	211068	3	CUP, shaft bearings	
19	211069	1	CONE ASSEMBLY, bottom shaft rear bearing	
20	211068	1	CUP, bottom shaft rear bearing	
21	036483	1	COVER, top shaft rear bearing	
22	021648	4	CAPSCREW, 1/2"NC x 1-1/4"	
	904208	4	LOCKWASHER, 1/2"	
23	{ 036486	8	SHIM, bearing adjustment (.005" thick. Use as req'd)	
	036485	7	SHIM, bearing adjustment (.020" thick. Use as req'd)	
24	035197	1	PINION, top shaft (17 teeth)	
25	036491	1	GEAR, bottom shaft (30 teeth)	
26	036489	1	SHAFT, bottom	
27	047051	1	RETAINER, bottom shaft rear bearing (When required for units built prior to March 15, 1942, also furnish 1 SEAL 047046)	
28	021648	4	CAPSCREW, 1/2"NC x 1-1/4"	
	904208	4	LOCKWASHER, 1/2"	
29	{ 036482	3	PACKING, bottom shaft	Used on units built prior to March 15, 1942
	-----	1	GLAND, packing (Not serviced. Order RETAINER 047051 and SEAL 047046)	
	045295	2	CAPSCREW, 5/16"NC x 1"	
	904205	2	LOCKWASHER, 5/16"	
	047046	1	SEAL, oil, bottom shaft (Used on units built after March 15, 1942)	

(Continued)

POWER TAKE - OFF (Continued)

USAGE: Special Equipment on early units only. Operates at 574 rpm
in clockwise direction only.

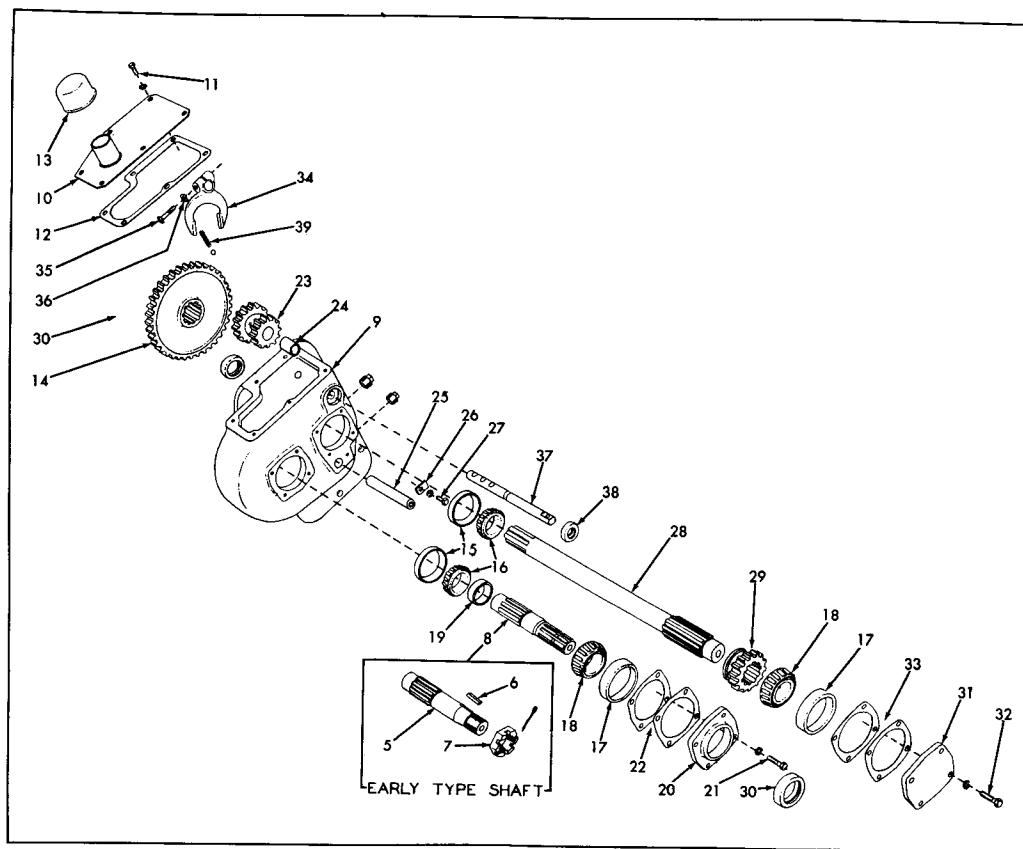
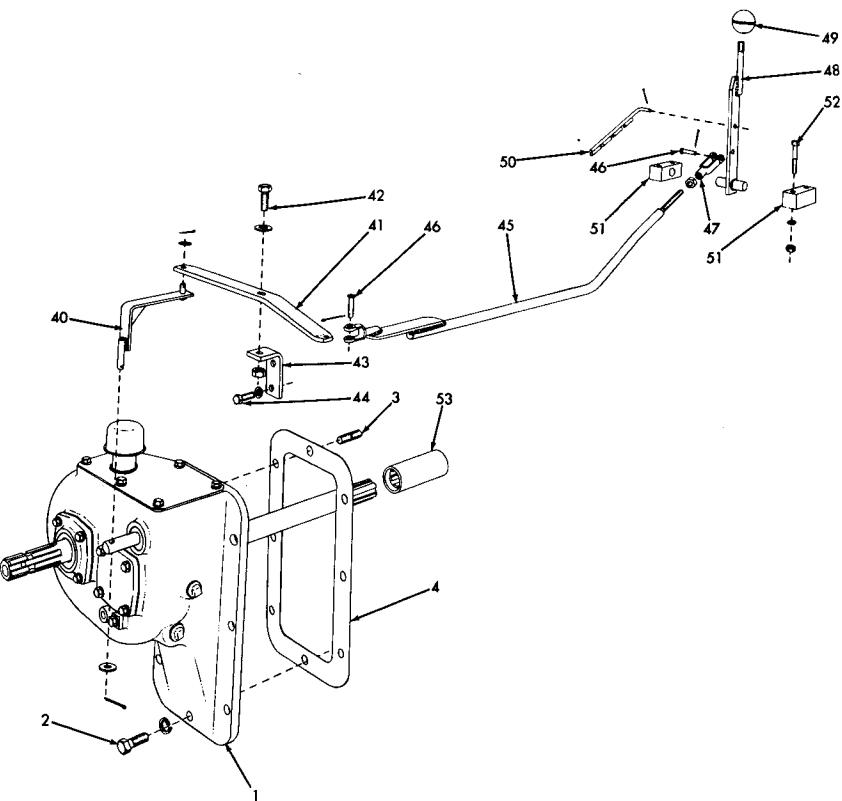
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
30	{ 036497 035892 904208	1 1 1	FORK, shifting CAPSCREW, 1/2"NF x 2-1/2" LOCKWASHER, 1/2"	
31	036503	1	SHAFT, shifting fork	
32	-----	1	PLUG, shifting fork shaft (Not available)	
33	021537	1	SPRING, shifting fork shaft plug	
34	036487	1	COVER, side	
35	035439 904206	4 4	CAPSCREW, 3/8"NC x 1" LOCKWASHER, 3/8"	
36	036488	1	GASKET, side cover	
37	036501 911055 900807	1 1 1	BRACKET, pivot, control lever NUT, castle, 5/8"NF PIN, cotter, 1/8" x 1-1/4"	
38	036505 900942	3 6	PIN, control lever and links PIN, cotter, 3/32" x 5/8"	
39	036500	2	LINK, shifting fork shaft	
40	042036	1	LEVER, control	
41	042035	1	ROD, control	
42	911041	1	NUT, 3/8"NF	
43	033056	1	YOKER, control rod	
44	033069 900942	2 2	PIN, control rod yoke PIN, cotter, 3/32" x 5/8"	
45	042033	1	LEVER, operating	
46	035467	1	WASHER, retaining, operating lever	
47	042034	1	BRACKET, pivot, operating lever	
48	900812	1	PIN, cotter, 3/16" x 1-3/4"	
49	070469 904208 911043	2 2 2	CAPSCREW, 1/2"NF x 1-1/4" LOCKWASHER, 1/2" NUT, 1/2"NF	
50	055563	1	COUPLING, top shaft	



FUEL TANK AND SEAT GUARD

USAGE: For tractors engaged in logging operations.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	042477	1	GUARD, rear	
2	035014	8	CAPSCREW, 5/8"NF x 1-1/2"	
3	023465	2	CAPSCREW, 5/8"NF x 1-3/4"	
	904209	10	LOCKWASHER, 5/8"	
	911044	10	NUT, 5/8"NF	
4	041622	2	SPACER, guard to seat side plate	
5	049672	1	PLATE, guard supporting	
6	031914	6	CAPSCREW, 1"NC x 3-1/2"	
	910916	6	LOCKWASHER, 1"	
7	042482	1	COVER, fuel tank sump access opening	
8	035439	3	CAPSCREW, 3/8"NC x 1"	
	904206	3	LOCKWASHER, 3/8"	
9	047185	1	BRACKET, tail light mounting	
10	035018	2	CAPSCREW, 1/2"NF x 1-1/2"	
	904208	2	LOCKWASHER, 1/2"	
	911043	2	NUT, 1/2"NF	



POWER TAKE-OFF (Late Type)

POWER TAKE-OFF

USAGE: Special Equipment. Operates at 336 rpm clockwise and 269 rpm counter-clockwise. Also available without reversing gear and with clockwise rotation of 535 rpm.

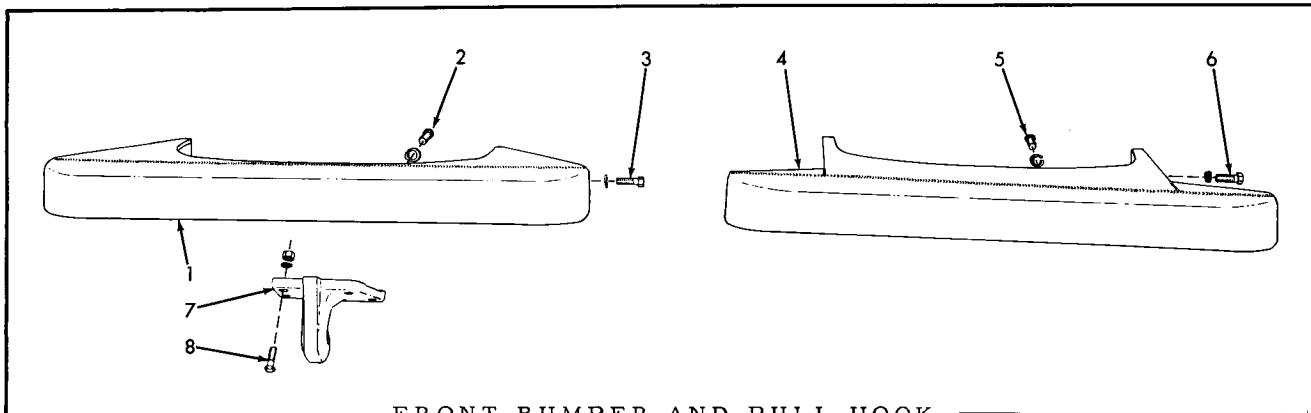
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	{ 047642 061472	1 1	TAKE-OFF ASSEMBLY (Consists of items 8 thru 39)(Reversible) TAKE-OFF ASSEMBLY (Consists of items 8 thru 22, and 25 thru 40) (Non-reversible)	
2	035440	5	CAPSCREW, 5/8"NC x 1-1/2"	
	904209	5	LOCKWASHER, 5/8"	
3	047801	2	STUD (5/8"NC x 5/8"NF x 2-1/4")	
	904209	2	LOCKWASHER, 5/8"	
	911044	2	NUT, 5/8"NF	
4	035409	1	GASKET, take-off to transmission case	
			NOTE: Items 5 thru 7 comprise the EARLY TYPE OUTPUT SHAFT DESIGN as used on units built prior to June 1947.	
5	047767	1	SHAFT, output (tapered and keywayed end)	
6	048337	1	KEY, output shaft (3/8" x 1-1/4")	
7	045034	1	NUT, output shaft (slotted, 1-1/4"NF)	
	910259	1	PIN, cotter, 5/32" x 1-3/4"	
8	061455	1	SHAFT, output (straight spline)(Used on units built after May 1947)	
9	047643	1	HOUSING	
	912726	2	PLUG, pipe, 3/4"NPT	
10	047771	1	COVER, top	
11	035244	6	CAPSCREW, 3/8"NC x 3/4"	
	904206	6	LOCKWASHER, 3/8"	
12	047770	1	GASKET, top cover	
13	U-267	1	CAP, filler	
14	{ 047769 060795	1 1	GEAR, output shaft (37 teeth) GEAR, output shaft (31 teeth)(For non-reversing operation)	
15	047750	2	CUP, front bearings	
16	047752	2	CONE ASSEMBLY, front bearings	
17	042887	2	CUP, rear bearings	
18	047751	2	CONE ASSEMBLY, rear bearings	
19	047768	1	SPACER, output shaft gear	
20	047766	1	RETAINER, output shaft rear bearing	
21	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
22	{ 047764 047763	5 6	SHIM, output shaft bearing adjustment (.005" thick. Use as req'd) SHIM, output shaft bearing adjustment (.008" thick. Use as req'd)	
23	047755	1	GEAR ASSEMBLY, reverse (Includes item 24)	
24	043835	2	BUSHING, reverse gear	
25	047754	1	SHAFT, reverse gear	
26	047759	1	PLATE, locking, reverse gear shaft	
27	035244	1	CAPSCREW, 3/8"NC x 3/4"	
	904206	1	LOCKWASHER, 3/8"	
28	047757	1	SHAFT, input	
29	{ 047758 060794 061470	1 1 1	PINION, input shaft (14 teeth) PINION, input shaft (20 teeth)(For non-reversible units) SPACER, input shaft pinion (Limits shift of pinion on non-reversible units. Not illustrated)	
30	047760	2	SEAL, oil, input and output shafts	
31	047765	1	CAP, input shaft rear bearing	
32	013058	4	CAPSCREW, 3/8"NC x 1-1/4"	
	904206	4	LOCKWASHER, 3/8"	
33	{ 047764 047763	6 5	SHIM, input shaft bearing adjustment (.005" thick. Use as req'd) SHIM, input shaft bearing adjustment (.008" thick. Use as req'd)	

(Continued)

POWER TAKE-OFF (Continued)

USAGE: Special Equipment. Operates at 336 rpm clockwise and 269 rpm counter-clockwise. Also available without reversing gear and with clockwise rotation of 535 rpm.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
34	047761	1	FORK, shifting	
35	U-3188	1	CAPSCREW, 3/8"NF x 1-1/2"	
36	047762	1	LOCK, capscrew	
37	047905	1	SHAFT, shifting fork	
	905361	1	BALL, steel, 7/16" diam.	
38	030504	1	SEAL, oil, shifting fork shaft	
39	021537	1	SPRING, shifting shaft locking ball	
40	{ 048543	1	ARM, control (For tractors not equipped with TIE RODS)	
	060607	1	ARM, control (For tractors equipped with TIE RODS)	
	911115	2	WASHER, plain, SAE std., 3/8"	
	900942	2	PIN, cotter, 3/32" x 5/8"	
41	{ 048601	1	LEVER, control (For tractors not equipped with TIE RODS)	
	060605	1	LEVER, control (For tractors equipped with TIE RODS)	
42	070469	1	CAPSCREW, 1/2"NF x 1-1/4"	
	910244	1	WASHER, plain, SAE std., 1/2"	
	911043	1	NUT, 1/2"NF	
	{ 048597	1	BRACKET, control lever (For tractors not equipped with TIE RODS)	
	035236	2	CAPSCREW, 1/2"NC x 1-3/4"	
	904208	2	LOCKWASHER, 1/2"	
43	{ 049251	1	ANGLE, pivot, control lever (For tractors equipped with 1-1/4" thick tie rod back plate)	
	053563	1	ANGLE, pivot, control lever (For tractors equipped with 2" thick tie rod back plate)	
44	036034	2	CAPSCREW, 3/8"NF x 1"	
	904206	2	LOCKWASHER, 3/8"	
45	{ 048600	1	ROD, control (For tractors not equipped with TIE RODS)	
	060590	1	ROD, control (For tractors equipped with TIE RODS)	
	911041	1	NUT, 3/8"NF	
46	033069	2	PIN, control rod yoke	
	900942	2	PIN, cotter, 3/32" x 5/8"	
47	033056	1	YOKES, control rod	
48	048011	1	LEVER, operating	
49	U-171	1	KNOB, operating lever	
50	048009	1	ROD, latching, operating lever	
	900942	1	PIN, cotter, 3/32" x 5/8"	
51	042360	2	BLOCK, bearing, operating lever	
52	046419	4	CAPSCREW, 3/8"NF x 2"	
	904206	4	LOCKWASHER, 3/8"	
	911041	4	NUT, 3/8"NF	
53	055563	1	COUPLING, splined	



FRONT BUMPER AND PULL HOOK

USAGE: Special Equipment.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	041666	1	BUMPER (For standard short-track model)	
2	013006	2	CAPSCREW, 7/8"NF x 3-3/4"	
3	905347	2	LOCKWASHER, 7/8"	
3	{ 034683	4	CAPSCREW, 5/8"NF x 1-3/4"	Tractors prior to #6013
	904209	4	LOCKWASHER, 5/8"	
	012742	4	CAPSCREW, 3/4"NF x 2-1/4"	Tractors #6013 and up
	904369	4	LOCKWASHER, 3/4"	
4	052034	1	BUMPER (For long-track model)	
5	013006	2	CAPSCREW, 7/8"NF x 3-3/4"	
5	905347	2	LOCKWASHER, 7/8"	
6	012742	4	CAPSCREW, 3/4"NF x 2-1/4"	
6	904369	4	LOCKWASHER, 3/4"	
7	040503	1	HOOK, front pull	
8	070159	4	CAPSCREW, 7/8"NF x 3"	
8	911046	4	NUT, 7/8"NF	
8	905347	4	LOCKWASHER, 7/8"	

BRAKE LEVER GUARDS (Not Illustrated)

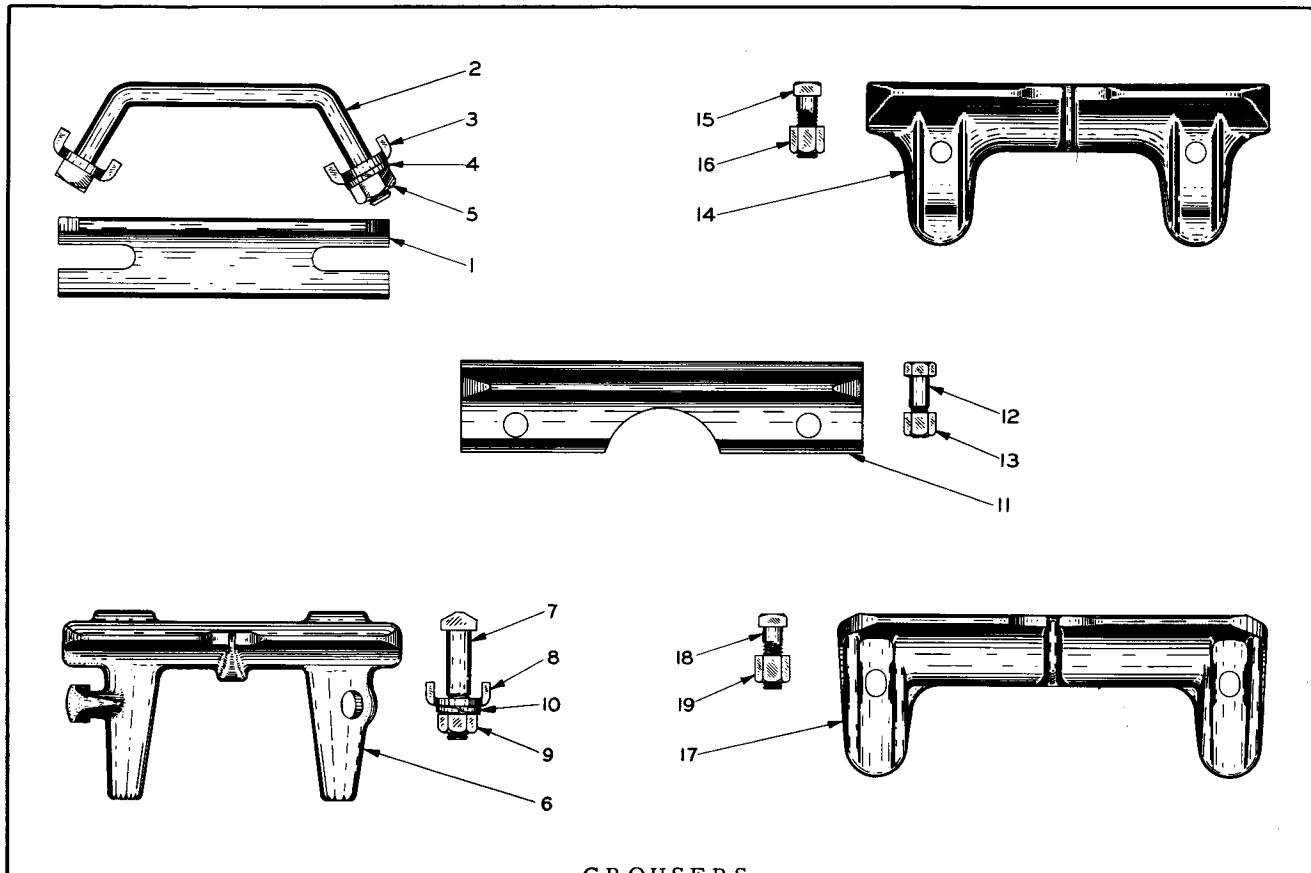
USAGE: For tractors engaged in logging operations. Affords underside protection from snags and brush to brake pedals and linkage.

1	{ 043463	1	GUARD, left side	
	043464	1	GUARD, right side	
2	070467	6	CAPSCREW, 1/2"NF x 1"	
	911043	6	NUT, 1/2"NF	
3	035733	2	CAPSCREW, 1/2"NC x 1-3/8"	
	910244	4	WASHER, plain, SAE std., 1/2"	
4	035220	2	CAPSCREW, 1/2"NC x 1-1/8"	
	904208	10	LOCKWASHER, 1/2"	

ENGINE SIDE GUARDS (Not Illustrated)

USAGE: For tractors engaged in logging operations. Protects front of engine, fan, and inside of radiator by enclosing the front part of the hood-side openings.

1	042527	1	GUARD, engine, left side	
2	042528	1	GUARD, engine, right side	
3	070469	6	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	6	LOCKWASHER, 1/2"	
	911043	6	NUT, 1/2"NF	



GROUSERS

* Short Track Model equipped with 23-1/2" diam. track idler.
 ** Short Track Model equipped with 27-1/2" diam. track idler.
 *** Long Track Model equipped with 27-1/2" diam. track idler.

PART ITEM	NUMBER	QUANTITY	*	**	***	DESCRIPTION	KIT NUMBER
Dirt Type - For use with flat shoes only on tractors prior to serial No. 1103.							
1	037769	68	-	-	-	GROUSER, angle-iron	
2	035888	68	-	-	-	U-BOLT	
3	035588	136	-	-	-	WASHER, tongue	
4	904369	68	-	-	-	LOCKWASHER, 3/4"	
5	911030	68	-	-	-	NUT, 3/4"NC	

Snow and Ice Type - For use with flat shoes only on tractors prior to serial No. 1103.

6	{ 036107	34	-	-	GROUSER, left
	036108	34	-	-	GROUSER, right
7	035017	68	-	-	BOLT (3/4"NF x 3-1/2")
8	035588	68	-	-	WASHER, tongue
9	911045	68	-	-	NUT, 3/4"NF
10	904369	68	-	-	LOCKWASHER, 3/4"

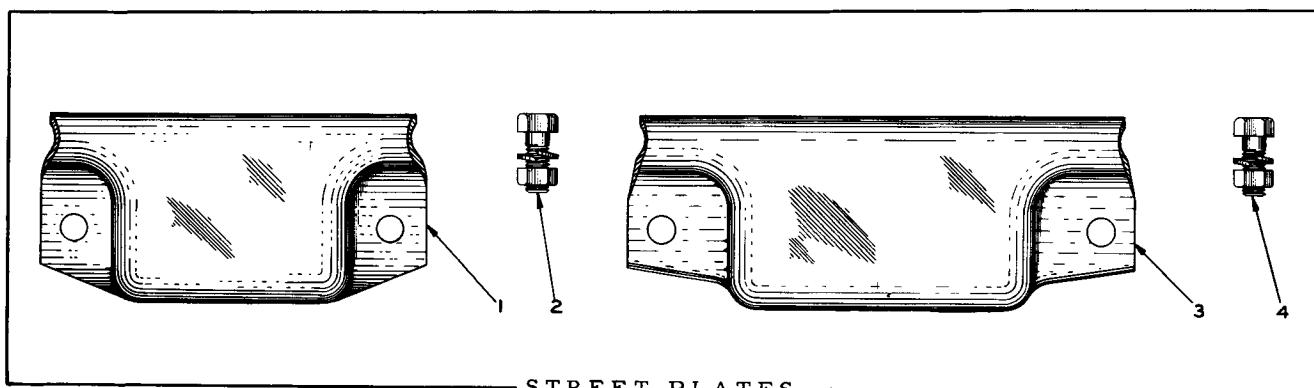
Snow and Ice Type - For use with flat shoes only on tractors serial No. 1103 and up.

11	053334	68	72	76	GROUSER
12	013465	136	144	152	CAPSCREW, 3/4"NF x 2-1/2"
13	012767	136	144	152	NUT, high, 3/4"NF

(Continued)

GROUSERS (Continued)

ITEM	PART NUMBER	QUANTITY	*	**	***	DESCRIPTION	KIT NUMBER
Snow and Ice Type - For use with grouser shoes only on tractors prior to serial No. 1103.							
14	038391	68	-	-	-	GROUSER	
15	038393	136	-	-	-	BOLT (5/8"NF x 2")	
16	072366	136	-	-	-	NUT, high, 5/8"NF	
Snow and Ice Type - For use with grouser shoes only on tractors serial No. 1103 and up.							
17	044049	68	72	76		GROUSER	
18	038393	136	144	152		BOLT (5/8"NF x 2")	
19	072366	136	144	152		NUT, high, 5/8"NF	

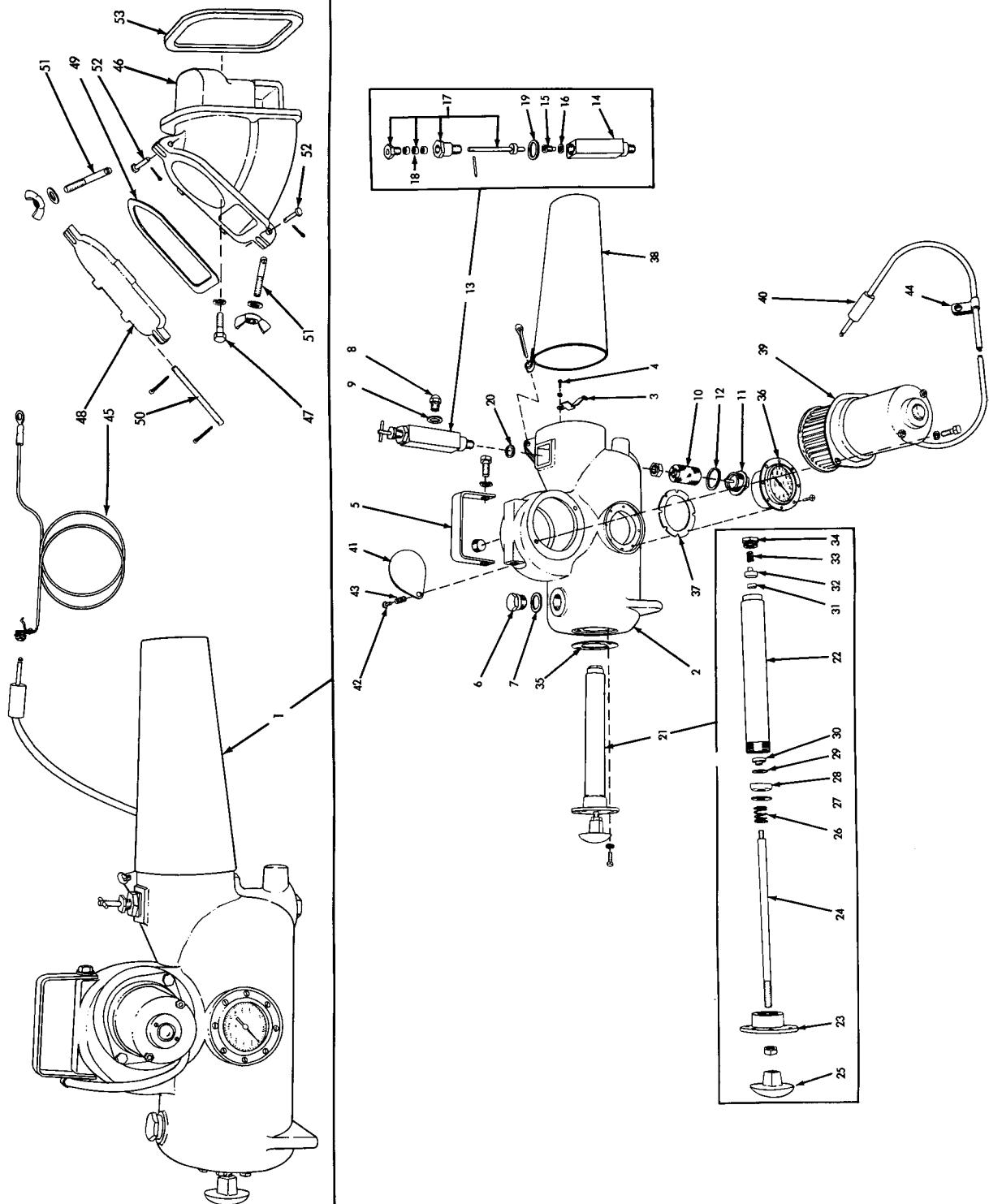


STREET PLATES

* Short Track Model equipped with 23-1/2" diam. track idler.
 ** Short Track Model equipped with 27-1/2" diam. track idler.
 *** Long Track Model equipped with 27-1/2" diam. track idler.

ITEM	PART NUMBER	QUANTITY	*	**	***	DESCRIPTION	KIT NUMBER
1	036245	68	-	-	-	PLATE, street (For tractors prior to #1103)	
2	035014	136	-	-	-	CAPSCREW, 5/8"NF x 1-1/2"	
	904209	136	-	-	-	LOCKWASHER, 5/8"	
	911044	136	-	-	-	NUT, 5/8"NF	
3	052575	68	72	76		PLATE, street (For tractors #1103 and up)	
4	035014	136	144	152		CAPSCREW, 5/8"NF x 1-1/2"	
	904209	136	144	152		LOCKWASHER, 5/8"	
	911044	136	144	152		NUT, 5/8"NF	

ENGINE PRE-HEATER



ENGINE PRE-HEATER

USAGE: Special Equipment.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	047747	1	PRE-HEATER ASSEMBLY (Consists of items 2 thru 44)	
2	042713 904223	1 1	CASE, main PLUG, pipe, ctsk-hd., 1/2"NPT	
3	042715	1	BLADE, air deflecting	
4	034076 906964	2 2	SCREW, thread-cutting, cross-recessed-hd., #8 x 1/2" LOCKWASHER, #8	
5	042730 903628 904206	1 2 2	HANDLE, carrying CAPSCREW, 3/8"NC x 5/8" LOCKWASHER, 3/8"	
6	042752	1	PLUG, filling hole	
7	042751	1	GASKET, filling hole plug	
8	042738	1	NOZZLE, spray	
9	5151921	1	WASHER, spray nozzle	
10	042743	1	FILTER, fuel	
11	042739	1	PLUG, filter access hole	
12	042744	1	GASKET, filter access hole plug	
13	047734 913830	1 1	VALVE ASSEMBLY, fuel shut-off (Includes items 14 thru 19) NUT, jam, 1/2"NF	
NOTE: Items 14 thru 19 were not used on units built prior to March 1, 1942. None of the old-design valve parts are serviced and VALVE ASSEMBLY 047734 should be ordered when any old valve components require replacement.				
14	047735	1	BODY, fuel shut-off valve	
15	223914	1	VALVE ASSEMBLY, fuel (Consists of 1 NEEDLE, 1 SEAT and 1 GASKET 224151)	
16	224151	1	GASKET, fuel valve	
17	047738	1	STEM ASSEMBLY, fuel shut-off valve (Serviced only as a unit. Includes item 18)	
18	048734	3	RING, packing, fuel shut-off valve	
19	047744	1	GASKET, fuel shut-off valve	
20	5151921	1	WASHER, fuel shut-off valve body	
21	042716 905656 904204	1 6 6	PUMP ASSEMBLY, air (Consists of items 22 thru 34) CAPSCREW, 1/4"NC x 5/8" LOCKWASHER, 1/4"	
22	042718	1	TUBE, air pump	
23	042717	1	NUT, air pump tube	
24	042721 911041	1 1	SHAFT, air pump NUT, 3/8"NF	
25	049659	1	KNOB, air pump	
26	016702	1	SPRING, air pump shaft	
27	042722	1	WASHER, outer, air pump leather	
28	042723	1	LEATHER, air pump	
29	042724	1	WASHER, inner, air pump leather	

(Continued)

ENGINE PRE-HEATER (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
30	042725	1	NUT, air pump shaft	
31	042726	1	GASKET, air pump valve	
32	042727	1	VALVE, air pump	
33	031580	1	SPRING, air pump valve	
34	042728	1	NUT, air pump valve	
35	042729	1	GASKET, air pump to case	
36	042745 903748	1 8	GAUGE, air pressure SCREW, machine, fil-hd., #6NC x 3/8"	
37	042753	1	GASKET, air pressure gauge	
38	042747 901344	1 1	TUBE, extension PIN, cotter, 1/4" x 2"	
39	047733 906692 904204	1 2 2	MOTOR AND FAN, blower (Serviced only as a unit) CAPSCREW, 1/4"NC x 3/8" LOCKWASHER, 1/4"	
40	047732	1	PLUG, motor connection	
41	042750	1	PLATE, air regulating	
42	033200	1	SCREW, thread-cutting, cross-recessed-hd., 1/4"NF x 3/4"	
43	031580	1	SPRING, air regulating plate	
44	AM-8691	1	CLIP, motor cable (closed type, 1/4" diam., 13/32" bolt-hole)	
NOTE: Items listed below comprise the PRE-HEATER ADAPTING PARTS which are mounted permanently on the tractor.				
45	047730	1	JACK, motor connection (Includes CABLE and mounting NUT)	
46	048728	1	ELBOW, inlet	
47	035439 904206	1 1	CAPSCREW, 3/8"NC x 1" LOCKWASHER, 3/8"	
48	042694	1	COVER, inlet elbow	
49	042692	1	GASKET, inlet elbow cover	
50	042693 904001	1 2	PIN, hinge, inlet elbow cover PIN, cotter, 3/32" x 1/2"	
51	042691 915017 911115	2 2 2	STUD, fastening, inlet elbow cover NUT, wing, 3/8"NC WASHER, plain, SAE std., 3/8"	
52	U-2787 900970	2 2	PIN, hinge, inlet elbow cover stud PIN, cotter, 1/16" x 1/2"	
53	049205	1	GASKET, inlet elbow to cylinder block (heat resistant)	

ENGINE COOLANT HEATER
(Not Illustrated)

USAGE: Special Equipment. Serves as starting aid under conditions
of extreme cold.

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	054012	1	HEATER ASSEMBLY, engine coolant (Order repair parts from Vapor Car Heater Company, Inc., Railway Exchange, Chicago 4, Ill. See their Technical Manual #182)	
2	904271	2	BUSHING, pipe reducing, 1/2"NPT to 3/8"NPT	
	035244	4	CAPSCREW, 3/8"NC x 3/4"	
	904206	4	LOCKWASHER, 3/8"	
3	054024	1	BRACKET, heater mounting	
4	070469	3	CAPSCREW, 1/2"NF x 1-1/4"	
	904208	3	LOCKWASHER, 1/2"	
5	055509	1	STRAP, supporting, heater injector unit	
6	054031	1	TORCH ASSEMBLY, igniting (Includes WICK)	
7	055538	1	CONTAINER, torch	
8	054010	1	STACK, heater exhaust	
9	054035	1	ADAPTER, stack to heater	
	910160	3	SCREW, sheet metal, rd-hd , gimlet pt. , #10 x 1/2"	
NOTE: Items 10 thru 17 comprise the EARLY TYPE WATER CONNECTIONS as used on tractors with the old type water by-pass tube arrangement. Applicable to units with engines prior to serial No. 371-29836 only.				
10	054006	1	TUBE ASSEMBLY, vent, heater to water manifold (Includes 2 NUTS 911198)	
	911198	2	NUT, flared, short, 3/8" tube	
	910978	2	ELBOW, flared, 3/8" tube, 1/4"NPT male	
	901826	1	BUSHING, pipe reducing, 3/8"NPT to 1/4"NPT	
11	054004	1	TEE, water manifold connection	
12	045312	2	CAPSCREW, 5/16"NC x 3/4"	
	904205	2	LOCKWASHER, 5/16"	
13	3222555	1	GASKET, tee to water manifold	
14	054014	1	ELBOW, water hose to tee (3/8"NPT, 90° bend)	
15	054032	1	HOSE, coolant heater to water pump (32" long)	
	911300	2	CLAMP, hose, 15/16" diam.	
16	054033	1	NIPPLE, coolant heater hose to water pump (2" long)	
17	055245	1	ELBOW, coolant heater hose to water pump (90°, 3/8"NPT male and female)	
NOTE: Items 18 thru 25 comprise the LATE TYPE WATER CONNECTIONS as used on tractors with the new type water by-pass tube arrangement. Applicable to units with engines serial No. 371-29836 and up only.				
18	064897	1	TUBE ASSEMBLY, vent, heater to radiator inlet elbow (Includes 2 NUTS 911198)	
	911198	2	NUT, flared, short, 3/8" tube	
	910978	1	ELBOW, flared, 3/8" tube, 1/4"NPT male	
	912324	1	CONNECTOR, flared, 3/8" tube, 1/4"NPT male	
19	064898	1	ELBOW, water hose, oil cooler connection	
20	046321	2	CAPSCREW, 5/16"NC x 1-1/2"	
	904205	2	LOCKWASHER, 5/16"	
21	5151190	1	GASKET, elbow to oil cooler	
22	064896	1	HOSE, coolant heater to oil cooler (46" long)	
	911300	2	CLAMP, hose, 15/16" diam.	
23	064526	1	ELBOW, water hose, thermostat housing connection	
24	045295	2	CAPSCREW, 5/16"NC x 1"	
	904205	2	LOCKWASHER, 5/16"	
25	064477	1	GASKET, elbow to thermostat housing	
26	054253	1	HOOD, engine (Used in place of standard HOOD 048386)	
27	054043	1	PLATE ASSEMBLY, hood side, left (Includes items 29 thru 33)	

(Continued)

ENGINE COOLANT HEATER (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
28	049592	1	PLATE ASSEMBLY, hood side, right (Includes items 32 and 33)	
29	055535	1	FASTENER, left side plate lid	
	910243	1	WASHER, plain, SAE std., #10	
	911062	1	PIN, cotter, 1/16" x 3/8"	
30	036422	1	SPRING, lid fastener	
31	055508	1	PLATE, instruction, heater operation	
	907952	4	SCREW, thread-cutting, #4 x 1/4"	
32	033060	4	FASTENER, side plate hold-down	
	911092	12	RIVET, rd-hd., 3/16" x 1/2"	
33	032834	4	HANDLE, side plate lifting	
	911092	8	RIVET, rd-hd., 3/16" x 1/2"	
34	049091	1	TANK, gasoline (Mounts under hood)	
	911043	8	NUT, 1/2"NF	
	910244	4	WASHER, plain, SAE std., 1/2"	
	904208	4	LOCKWASHER, 1/2"	
35	049096	2	STRAP, hood reinforcing	
36	071545	1	CAP ASSEMBLY, gasoline tank (Includes item 37)	
37	U-2964	1	GASKET, gasoline tank cap	
38	901652	1	PLUG, pipe, 1/4"NPT (Tank drain)	
39	U-257	1	FILTER ASSEMBLY, gasoline (Includes items 40 thru 44)	
40	223255	1	VALVE ASSEMBLY, shut-off (Serviced only as a unit)	
41	{ 223249	1	BAIL ASSEMBLY (Includes bail CUP)(For A-C Filter only)	
	223248	1	BAIL ASSEMBLY (Includes bail CUP)(For Imperial Filter only)	
42	208136	1	BOWL, gas filter	
43	208137	1	GASKET, gas filter bowl	
44	{ 208135	1	SCREEN, gas filter (1/2" hole)(For A-C Filter only)	
	208325	1	SCREEN, gas filter (7/16" hole)(For Imperial Filter only)	
45	054001	1	TUBE ASSEMBLY, gasoline tank to heater (Includes 2 NUTS 910138)	
	910138	2	NUT, flared, short, 1/4" tube	
	910161	2	ELBOW, flared, 1/4" tube, 1/8"NPT male	
46	AM-8691	1	CLIP, gasoline tube supporting (closed type, 1/4" diam., 13/32" bolt-hole)	
47	054013	2	HOSE, water, oil pan (43" long)	
	911300	4	CLAMP, hose, 15/16" diam.	
	901723	2	ELBOW, street, 90°, 3/8"NPT	
48	053999	1	PAN, oil (Used in place of standard PAN 5167809)	
49	054016	1	COIL, oil heating (In oil pan)	
50	035439	4	CAPSCREW, 3/8"NC x 1"	
	904206	4	LOCKWASHER, 3/8"	
	901490	2	NIPPLE, pipe, 3/8"NPT x 1-1/2"	
	901704	1	TEE, pipe, 3/8"NPT	
	901692	1	ELBOW, pipe, 45°, 3/8"NPT	
51	054015	2	GASKET, oil heating coil to pan	
52	U-1671	1	COCK, water drain (Located at side of oil pan)	
53	054033	3	NIPPLE, water hose (2" long)	
54	054014	1	ELBOW, water hose (3/8"NPT, 90° bend)	
55	055536	1	CLIP, hose supporting (closed type, 1" diam., 17/32" bolt-hole)	
56	041303	2	CLIP, hose supporting (closed type, 1" diam., 15/32" bolt-hole)	
57	036034	1	CAPSCREW, 3/8"NF x 1"	
	904206	1	LOCKWASHER, 3/8"	
	911041	1	NUT, 3/8"NF	
58	054258	1	SUPPORT, engine (Used in place of standard SUPPORT 051656)	
59	054261	1	COVER, engine support (Used in place of std. COVER 041436)	
60	054020	1	PLATE, cover, engine support water drain opening	
61	035244	2	CAPSCREW, 3/8"NC x 3/4"	
	904206	2	LOCKWASHER, 3/8"	
62	055511	1	BOX, tool and exhaust stack stowage (Fits under seat. Used in place of standard BOX 042650)	
63	054026	1	FENDER, front, left side (Used in place of standard FENDER 041907)	

WINTER CAB
(Not Illustrated)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	CAB (Order repair parts from Cab Manufacturer. Consult name plate located above windshield inside of cab)	
2	013467	6	CAPSCREW, 5/8"NF x 3"	
	904209	6	LOCKWASHER, 5/8"	
	911044	6	NUT, 5/8"NF	
3	049733	1	DUCT, extension (Relocates air pre-cleaner to permit opening windshield fully)	
4	035979	2	CAPSCREW, 3/8"NF x 5/8"	
	904206	2	LOCKWASHER, 3/8"	
	911041	2	NUT, 3/8"NF } To hood	
5	5173695	1	CLAMP, hose, 3-1/8" diam. (For clamping extension duct)	

CANOPY TOP
(Not Illustrated)

USAGE: Special Equipment. Can be converted into a winter cab by adding demountable enclosures.

1	-----	1	TOP ASSEMBLY, canopy (Includes TOP, 1 front SUPPORT, 2 rear SUPPORTS and all necessary hardware. Order repair parts from Cab Manufacturer. Consult name plate located above windshield front opening inside of the cab)	
2	012992	14	CAPSCREW, 3/8"NF x 1-1/4"	
	904206	14	LOCKWASHER, 3/8"	
	911041	14	NUT, 3/8"NF	
3	035018	6	CAPSCREW, 1/2"NF x 1-1/2"	
	904208	6	LOCKWASHER, 1/2"	
	911043	6	NUT, 1/2"NF	

CAB ENCLOSURES
(Not Illustrated)

USAGE: Special Equipment. For use with Canopy Top only.

1	-----	1	WINDSHIELD ASSEMBLY	See NOTE below
2	-----	1	PANEL ASSEMBLY, rear	
3	-----	1	DOOR AND PANEL ASSEMBLY, left	
4	-----	1	DOOR AND PANEL ASSEMBLY, right	

NOTE: Order repair parts from Cab Manufacturer. Consult name plate located above windshield inside of cab.

CAB CURTAINS
(Not Illustrated)

USAGE: Special Equipment. For use with Canopy Top only.

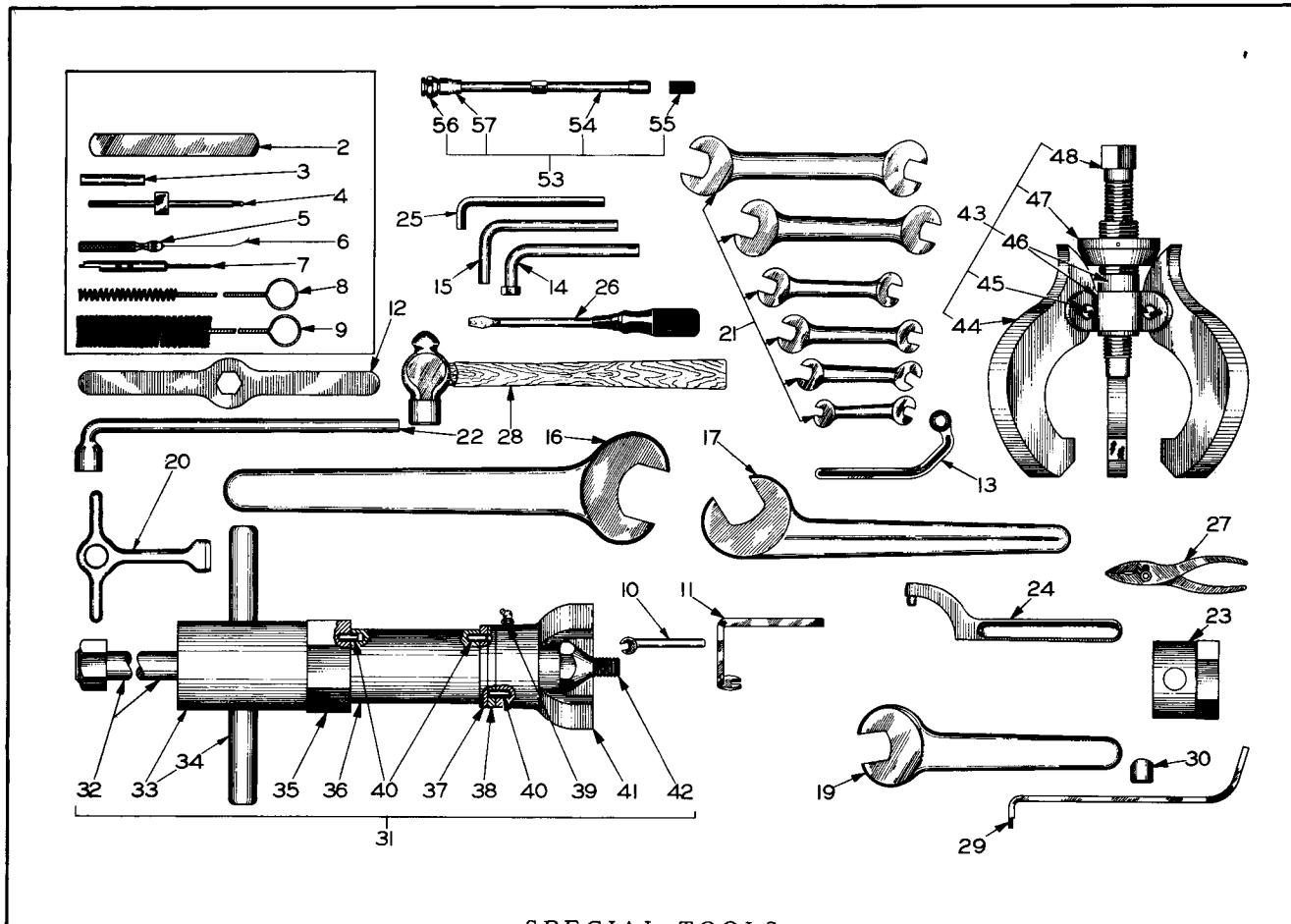
Front Curtain

1	043337	1	CURTAIN, front
	902589	5	SCREW, wood, rd-hd., #14 x 1"
	911114	5	WASHER, plain, SAE std., 1/4"
2	033304	3	STRAP, stowage
3	033230	10	STUD, curtain fastening (wood-screw type)

(Continued)

CAB CURTAINS (Continued)

PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
Rear Curtain				
4	043338	1	CURTAIN, rear	
	900561	4	SCREW, machine, 5/16"NC x 3/4"	
	904205	4	LOCKWASHER, 5/16"	
	910335	4	WASHER, plain, SAE std., 5/16"	
	911025	4	NUT, 5/16"NC	
5	033213	2	STRAP, stowage	
6	033230	2	STUD, stowage strap fastening (wood-screw type)	
7	033292	2	STUD, curtain fastening, long (machine-screw type)	
	910251	2	NUT, #10-32NF	
	904203	2	LOCKWASHER, #10	
8	033229	11	STUD, curtain fastening, short (machine-screw type)	
	910251	11	NUT, #10-32NF	
	904203	11	LOCKWASHER, #10	
9	043330	1	RAIL ASSEMBLY (Includes WEBBING and RIVETS)	
10	045312	4	CAPSCREW, 5/16"NC x 3/4"	
	904205	4	LOCKWASHER, 5/16"	
	911025	4	NUT, 5/16"NC	
Side Curtains				
11	043339	1	CURTAIN, left side	
	900561	6	SCREW, machine, 5/16"NC x 3/4"	
	904205	6	LOCKWASHER, 5/16"	
	910335	6	WASHER, plain, SAE std., 5/16"	
	911025	6	NUT, 5/16"NC	
12	043340	1	CURTAIN, right side	
	900561	6	SCREW, machine, 5/16"NC x 3/4"	
	904205	6	LOCKWASHER, 5/16"	
	910335	6	WASHER, plain, SAE std., 5/16"	
	911025	6	NUT, 5/16"NC	
13	033213	4	STRAP, stowage	
14	033229	10	STUD, curtain fastening (machine-screw type)	
	910251	10	NUT, #10-32NF	
	904203	10	LOCKWASHER, #10	
15	033230	24	STUD, curtain fastening (wood-screw type)	
16	033270	2	ANGLE, curtain attachment	
	902589	12	SCREW, wood, rd-hd., #14 x 1"	
17	043329	2	PLATE, closure	
18	045312	16	CAPSCREW, 5/16"NC x 3/4"	
	904205	16	LOCKWASHER, 5/16"	
	911025	16	NUT, 5/16"NC	



SPECIAL TOOLS

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
2	074549	1	GAUGE, feeler, rocker clearance	060593
3	044814	1	STONE, sharpening	060593
4	074741	1	GAUGE, injector timing	060593
5	044822	1	VISE, pin, injector probing wire (Includes item 6)	060593
6	044818	1	WIRE, probing, injector spray tip	
7	044819	1	REAMER, injector spray tip	060593
8	044812	1	BRUSH, cleaning, injector rack hole	060593
9	044811	1	BRUSH, cleaning, injector fuel hole	060593
10	048193	1	WRENCH, push rod holding (5/16" open end)	
11	048163	1	WRENCH, push rod locking nut (1/2" open end)	
12	040284	1	WRENCH, injector nut	
13	040286	1	WRENCH, fuel pump removal	
14	036429	1	WRENCH, drain and filling plugs (90°, 3/4" hex end)(For old type 035250 PLUG)	
15	043769	1	WRENCH, drain and filling plugs (90°, 1/2" square)(For new type 035250 PLUG)	
16	036086	1	WRENCH, final drive nut (2-1/2" open end)	
17	040736	1	WRENCH, track release adjustment (1-7/8" open end)	
19	043421	1	WRENCH, fan belt adjustment (1-7/16" open end)	
20	040272	1	WRENCH, lubricant hole plugs	
21	012377	1	WRENCH KIT (6 wrenches in a cloth case. Serviced only as a unit)	
22	{ 036263 044394	1	WRENCH, socket, track shoe bolt (3/4" hex)(For tractors prior to #1103)	
		1	WRENCH, socket, track shoe bolt (7/8" hex)(For tractors #1103 and up)	

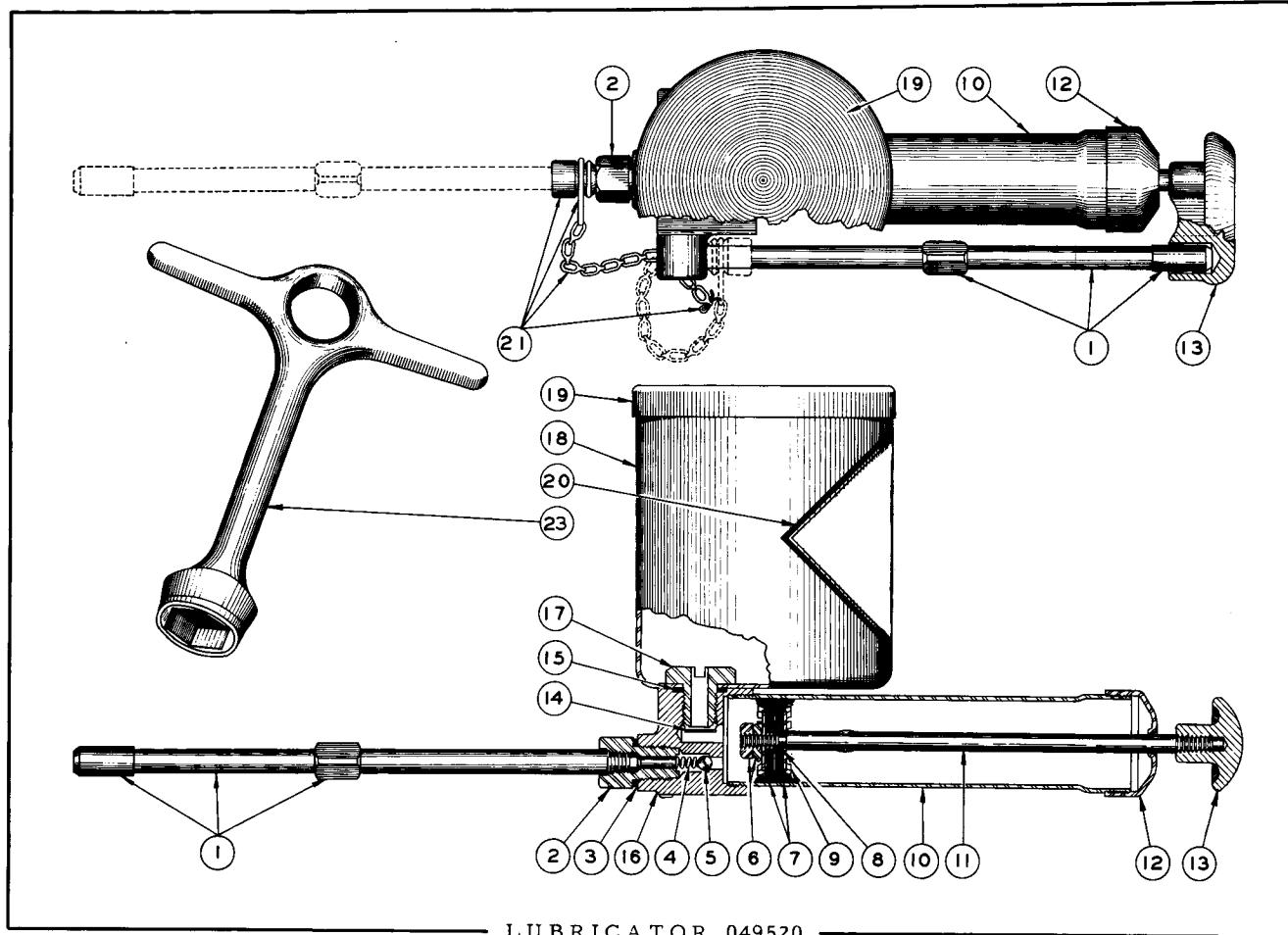
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SPECIAL TOOLS (Continued)

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
23	036155	1	WRENCH, socket, steering clutch shaft nut (2-1/2" hex)	
24	036269	1	WRENCH, spanner, bevel gear hub packing gland nut (For tractors prior to #1132 only)	
25	912897	1	KEY, socket-hd., hexagonal, 3/8" (For final drive shaft nut clamping screw)	
26	036268	1	SCREWDRIVER	
27	012389	1	PLIERS	
28	012387	1	HAMMER, ball peen, 1 lb.	
29	044835	1	TOOL, valve lifting and injector removing	
30	044825	1	FULCRUM, valve lifting and injector removing tool	
31	033624	1	PULLER ASSEMBLY, final drive pinion (Consists of items 32 thru 42)	
32	033866	1	BOLT, pinion puller	
33	033869	1	RAM ASSEMBLY, pinion puller (Includes item 34)	
34	033870	2	HANDLE, pinion puller ram	
35	033871	1	NUT ASSEMBLY, pinion puller (Includes 1 PIN 033640)	
36	033873	1	SPACER ASSEMBLY, pinion puller (Includes 1 PIN 033640)	
37	033875	1	WASHER, thrust, pinion puller (bronze)	
38	033876	1	WASHER, thrust, pinion puller (steel)	
39	915275	1	FITTING, lubricating, 67-1/2°, 1/8"NPT	
40	033640	3	PIN, dowel, pinion puller	
41	033878	1	PEDASTAL ASSEMBLY, pinion puller (Includes 1 PIN 033640)	
42	033880	1	ADAPTER, pinion puller	
43	037990	1	PULLER ASSEMBLY, track supporting roller (Consists of items 44 thru 48)	
44	051499	3	FINGER, supporting roller puller	
45	051498	3	PIN, supporting roller puller finger	
	900811	6	PIN, cotter, 3/16" x 1-1/2"	
46	048740	1	CLEVIS, supporting roller puller	
47	048741	1	NUT, puller adjustment	
48	048742	1	SCREW, supporting roller puller	
49	{ 034241	1	*GUN, grease (high-pressure, push type, 5 oz. capacity)(Discontinued. Order GUN 064019)	
	064019	1	*GUN, grease (high-pressure, push type, 5 oz. capacity)(Replaced GUN 034241 on later units)	
50	{ 034441	1	*GUN, grease (high-pressure, lever type, 15 oz. capacity, with HOSE)(Original equipment on early units. Order GUN 073889)	
	043031	1	*GUN, grease (high-pressure, lever type, 17 oz. capacity, with HOSE)(Original equipment on later units. Order GUN 073889)	
	073889	1	*GUN, grease (high-pressure, lever type, 17 oz. capacity, with HOSE) (Furnished for field replacement only)	
51	034672	1	*LUBRICATOR (low-pressure, 5 gal. capacity, with HOSE)	
52	049520	1	*LUBRICATOR (low-pressure, 1 quart capacity)	
53	054929	1	NOZZLE ASSEMBLY, low-pressure lubrication (Consists of items 54 thru 57)	
54	041352	1	TUBE, low-pressure lubrication	
55	041351	1	CAP, dust, low-pressure lubrication nozzle	
56	032942	1	FITTING, lubricating, giant button head, 1/4"NPT	
57	914662	1	COUPLING, pipe reducing, 1/4"NPT to 1/8"NPT	

*For service parts and illustrations of lubricating equipment see following pages.

NOTE: For complete line of service tools for General Motors Diesel engines, consult Kent-Moore Organization, Inc., General Motors Building, Detroit 2, Michigan.

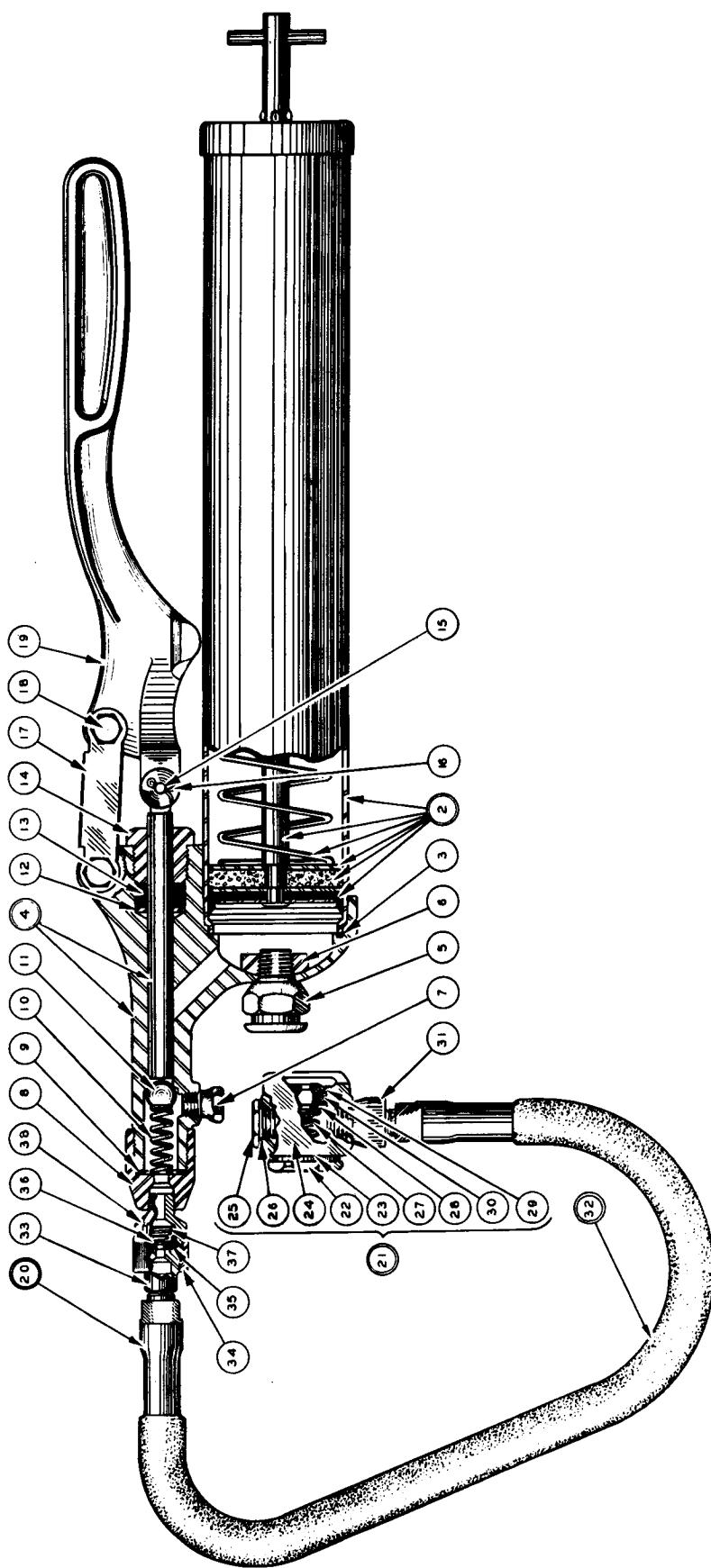


L U B R I C A T O R 0 4 9 5 2 0

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER							
				USAGE: See page 200 for listing of complete Lubricator.							
1	041352	1	TUBE, nozzle								
2	049513	1	ADAPTER, nozzle tube								
3	049514	1	GASKET, nozzle tube adapter								
4	041957	1	SPRING, check ball								
5	905358	1	BALL, steel, 1/4" diam.								
6	911325	2	NUT, hex, jam, 1/4"NC								
7	041357	2	LEATHER, cup								
8	041358	2	WASHER, cup leather								
9	041359	2	SPREADER, cup leather								
10	041360	1	TUBE								
11	041361	1	ROD, follower								
12	041362	1	END, tube								
13	-----	1	KNOB, follower rod (Lincoln No. 40288. Order from *vendor)								
14	041366	1	DISC, check valve								
15	041364	1	GASKET, container to block								
16	049515	1	BLOCK, check								
17	041365	1	SEAT, check valve disc								
18	049517	1	CONTAINER								
19	049518	1	LID, container								
20	915643	1	TRANSFER, "A-C"								
21	049519	1	PLUG ASSEMBLY (Includes CHAIN)								
23	-----	1	WRENCH, oil hole plugs (See SPECIAL TOOLS)								

*Lincoln Engineering Co., St. Louis 20, Mo.

GREASE GUN 034441

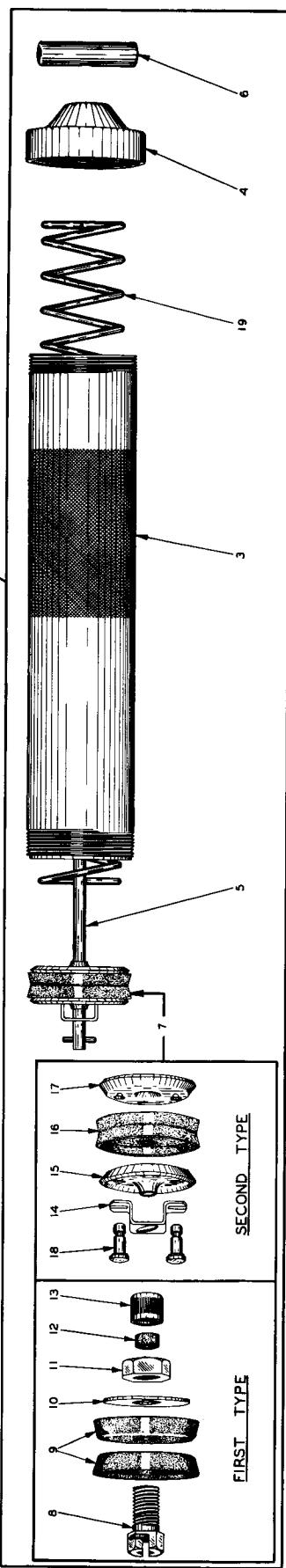
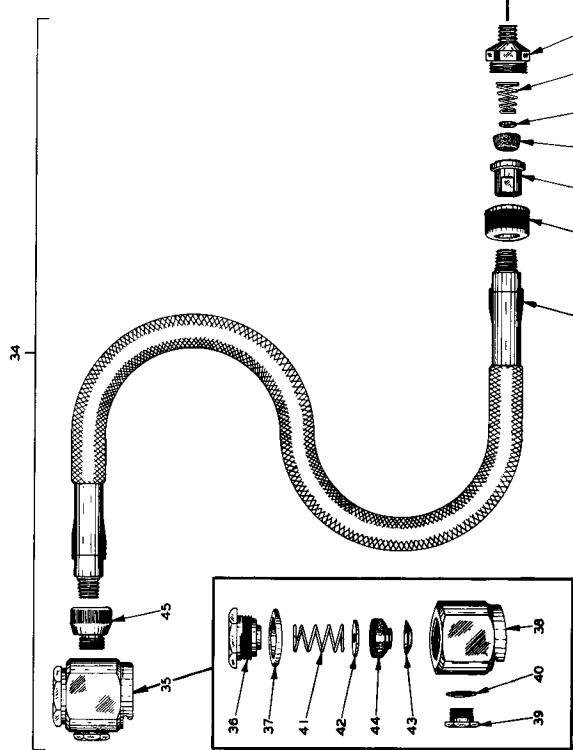
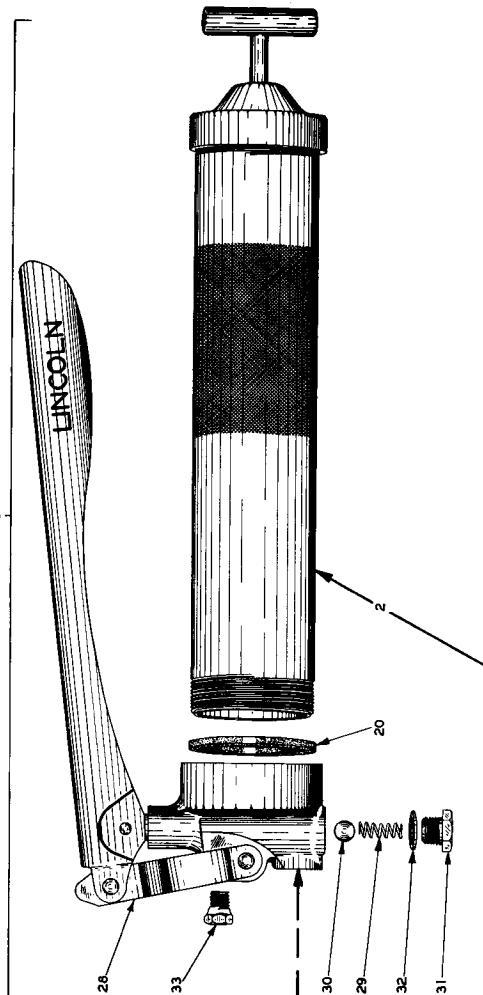
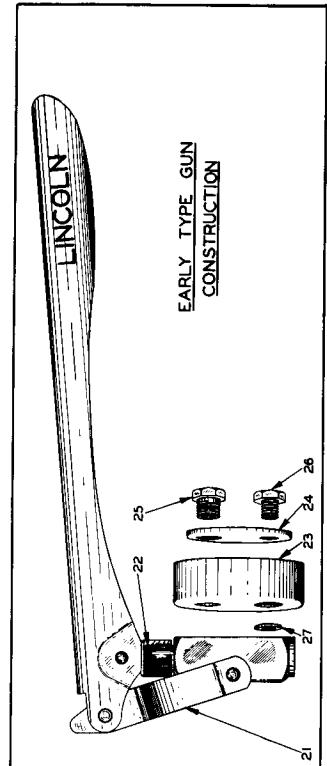


GREASE GUN 034441

USAGE: See page 200 for listing of complete Gun.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	GUN ASSEMBLY (Consists of items 2 thru 19)(Not serviced. Order GUN ASSEMBLY 073737)	
2	034768	1	CONTAINER ASSEMBLY (Serviced only as a unit)	
3	034227	1	GASKET, container	
4	-----	1	HEAD AND PLUNGER ASSEMBLY (Not serviced. Order GUN ASSEMBLY 073737)	
5	032942	1	FITTING, lubricating, giant button-head, 1/4"NPT	
6	034769	1	NUT, fitting attachment	
7	073881	1	PLUG, pump head	
8	034778	1	ADAPTER, nozzle	
9	034779	1	GASKET, nozzle adapter	
10	-----	1	SPRING, check valve (Not available)	
11	905361	1	BALL, steel, 7/16" diam.	
12	-----	1	WASHER, plunger packing (Not available)	
13	-----	1	PACKING, plunger (Not available)	
14	-----	1	GLAND, plunger packing (Not available)	
15	-----	1	PIN, plunger (Lincoln No. 11511. Order from *vendor)	
16	900970	2	PIN, cotter, 1/16" x 1/2"	
17	-----	1	TOGGLE (Lincoln No. 45585. Order from *vendor)	
18	{ -----	2	PIN, toggle, female } Not serviced. Use PIN 033067	
	{ -----	2	PIN, toggle, male }	
19	-----	1	HANDLE (Lincoln No. 41065. Order from *vendor)	
20	034789	1	HOSE ASSEMBLY (Consists of items 21 thru 38)	
21	040870	1	COUPLER ASSEMBLY, hose (Consists of items 22 thru 30)	
22	034614	1	CAP, hose coupler	
23	034192	1	GASKET, hose coupler body cap	
24	034613	1	BODY, hose coupler	
25	034197	1	PLUG, hose coupler body	
26	034195	1	GASKET, hose coupler body plug	
27	034615	1	SPRING, hose coupler	
28	034616	1	WASHER, hose coupler spring	
29	034200	1	WASHER, hose coupler packing	
30	034199	1	PACKING, hose coupler	
31	034713	1	ADAPTER, hose coupler	
32	034774	1	HOSE	
33	034714	1	STUD, hose swivel	
34	034783	1	END, hose swivel	
35	034785	1	LEATHER, hose swivel	
36	034795	1	WASHER, hose swivel	
37	034817	1	SPRING, hose swivel	
38	034818	1	CONNECTOR, hose swivel (male)	

*Lincoln Engineering Co., St. Louis 20, Mo.



GREASE GUN ASSEMBLY 043031 -

GREASE GUN ASSEMBLY 043031

NOTE: See page 200 for listing of complete GUN ASSEMBLY.

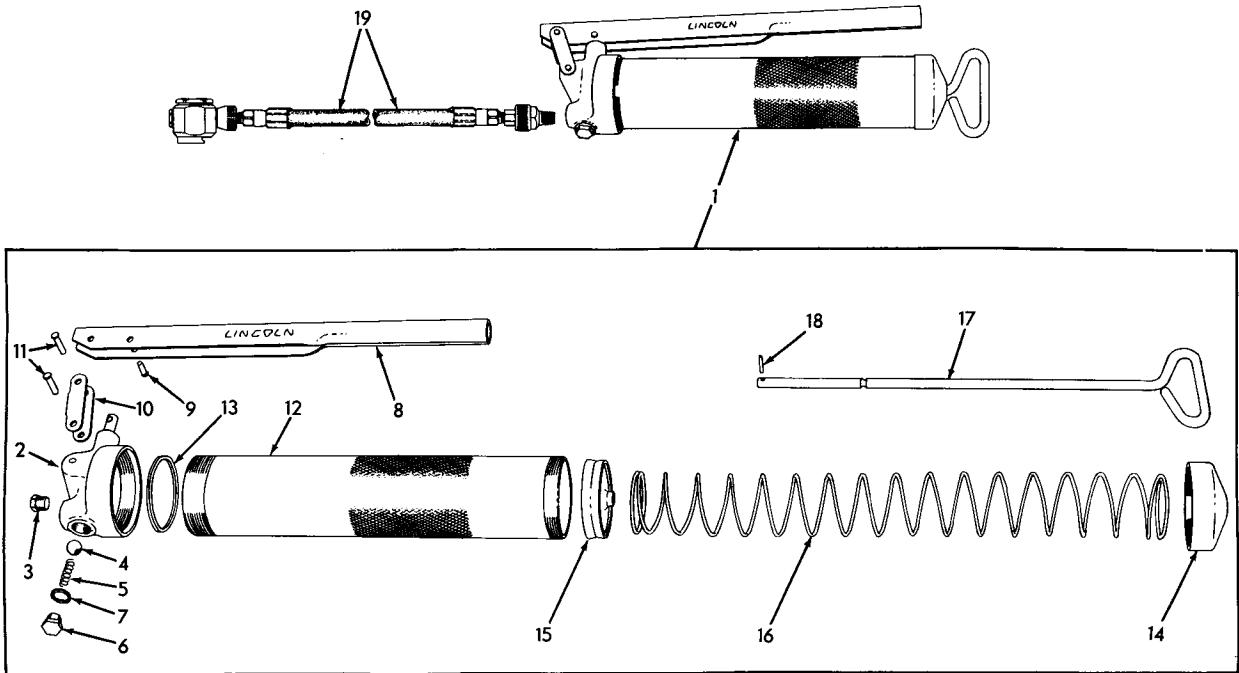
ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	-----	1	GUN ASSEMBLY (Consists of items 2 thru 33)(Order GUN ASSEMBLY 073737)	
2	058986	1	CONTAINER ASSEMBLY (Consists of items 3 thru 7, and 19)	
3	073791	1	TUBE, container	
4	073807	1	CAP, container tube	
5	{ 043039	1	ROD ASSEMBLY, follower (5/16"NC thread. Includes PIN)(Used on early units only)	
	-----	1	ROD ASSEMBLY, follower (5/16"NF thread. Includes PIN)(Replaced ROD ASSEMBLY 043039 on later units. Order ROD 073810 and PIN 073821)	
6	{ -----	1	HANDLE, follower rod (5/16"NC threaded hole)(Used on early units only. Order ROD 073810 and PIN 073821)	
	-----	1	HANDLE, follower rod (5/16"NF threaded hole)(Used on late units only. Order ROD 073810)	
7	-----	1	FOLLOWER ASSEMBLY (Consists of items 14 thru 18)(Order FOLLOWER ASSEMBLY 073817)	
			NOTE: Items 8 thru 13 comprise the FIRST TYPE FOLLOWER as used on early units only.	
8	-----	1	STUD, follower (Order FOLLOWER ASSEMBLY 073817)	
9	043050	2	LEATHER, follower	
10	-----	2	WASHER, follower (Order FOLLOWER ASSEMBLY 073817)	
11	913223	1	NUT, jam, 9/16"NF	
12	043036	1	PACKING, follower	
13	043037	1	CAP, follower packing	
			NOTE: Items 14 thru 18 comprise the SECOND TYPE FOLLOWER as used on later units.	
14	-----	1	STOP, follower (Order FOLLOWER ASSEMBLY 073817)	
15	-----	1	WASHER, follower, front (Order FOLLOWER ASSEMBLY 073817)	
16	-----	1	PACKING, follower (Order FOLLOWER ASSEMBLY 073817)	
17	-----	1	WASHER, follower, rear (Order FOLLOWER ASSEMBLY 073817)	
18	-----	2	STUD, follower (Order FOLLOWER ASSEMBLY 073817)	
19	058978	1	SPRING, follower rod (Not used on early units)	
20	043056	1	GASKET, container tube	
			NOTE: Items 21 thru 27 comprise the FIRST TYPE HEAD ARRANGEMENT as used on early units only. Those items shown without part number are no longer serviced. When replacement is required, order item 28.	
21	-----	1	HANDLE AND PLUNGER ASSEMBLY (Includes item 22)	
22	043067	1	PACKING, plunger	
23	-----	1	CAP, container tube	
24	-----	1	RETAINER, container tube gasket	
25	-----	1	STUD, container tube cap (hollow)	

(Continued)

GREASE GUN ASSEMBLY 043031 (Continued)

NOTE: See page 200 for listing of complete GUN ASSEMBLY.

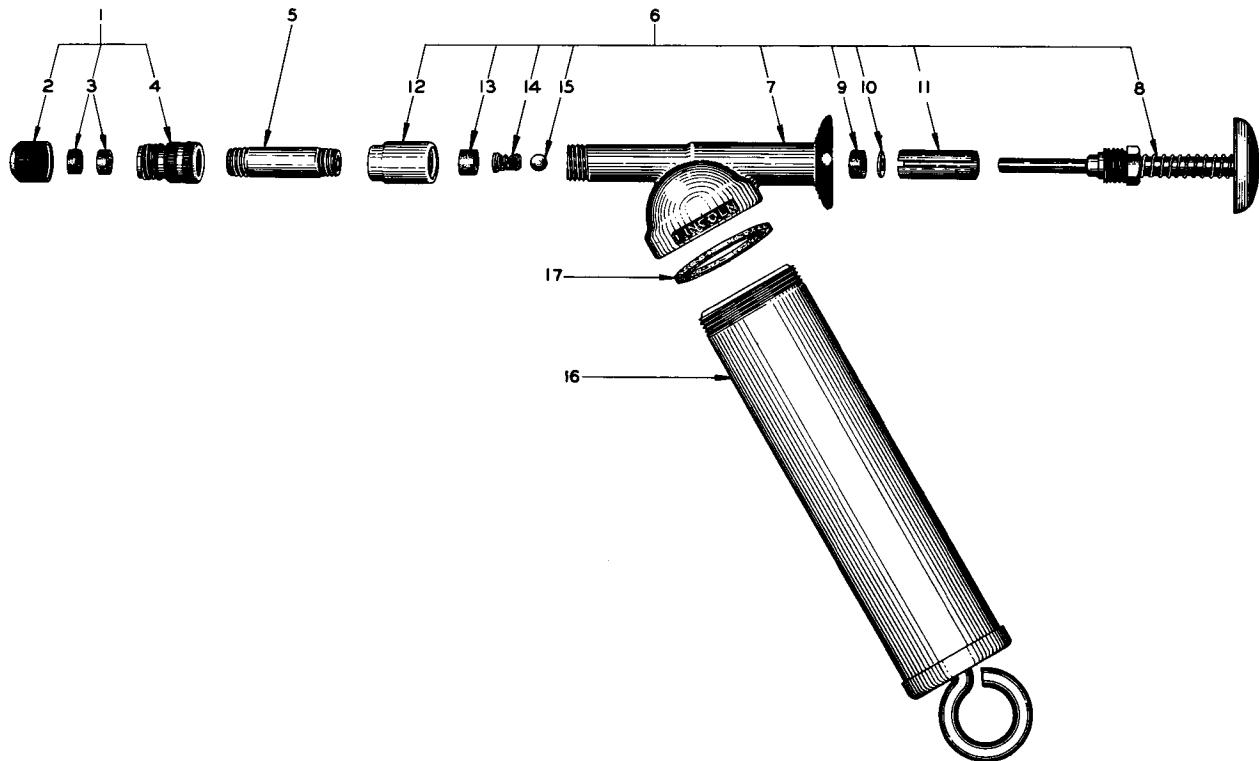
ITEM	PART NUMBER	QTY.	DESCRIPTION
26	-----	1	STUD, container tube cap (solid)
27	043055	1	PACKING, container tube cap stud
28	-----	1	HANDLE AND PLUNGER ASSEMBLY (Replaced item 21 on later units. Separate parts are not serviced. Order GUN ASSEMBLY 073737)
29	043061	1	SPRING, check
30	905360	1	BALL, steel, 3/8" diam.
31	043053	1	HOUSING, check spring
32	043052	1	GASKET, check spring housing
33	073881	1	PLUG, plunger head (Not used on early units)
34	034789	1	HOSE ASSEMBLY (Consists of items 35 thru 52)
35	040870	1	COUPLER ASSEMBLY, hose (Consists of items 36 thru 44)
36	034614	1	CAP, hose coupler
37	034192	1	GASKET, hose coupler body cap
38	034613	1	BODY, hose coupler
39	034197	1	PLUG, hose coupler body
40	034195	1	GASKET, hose coupler body plug
41	034615	1	SPRING, hose coupler
42	034616	1	WASHER, hose coupler spring
43	034200	1	WASHER, hose coupler packing
44	034199	1	PACKING, hose coupler
45	034713	1	ADAPTER hose coupler
46	034774	1	HOSE
47	034714	1	STUD, hose swivel
48	034783	1	END, hose swivel
49	034785	1	LEATHER, hose swivel
50	034795	1	WASHER, hose swivel
51	034817	1	SPRING, hose swivel
52	034818	1	CONNECTOR, hose swivel (male)



GREASE GUN ASSEMBLY 073889

NOTE: See page 200 for listing of complete GUN ASSEMBLY.

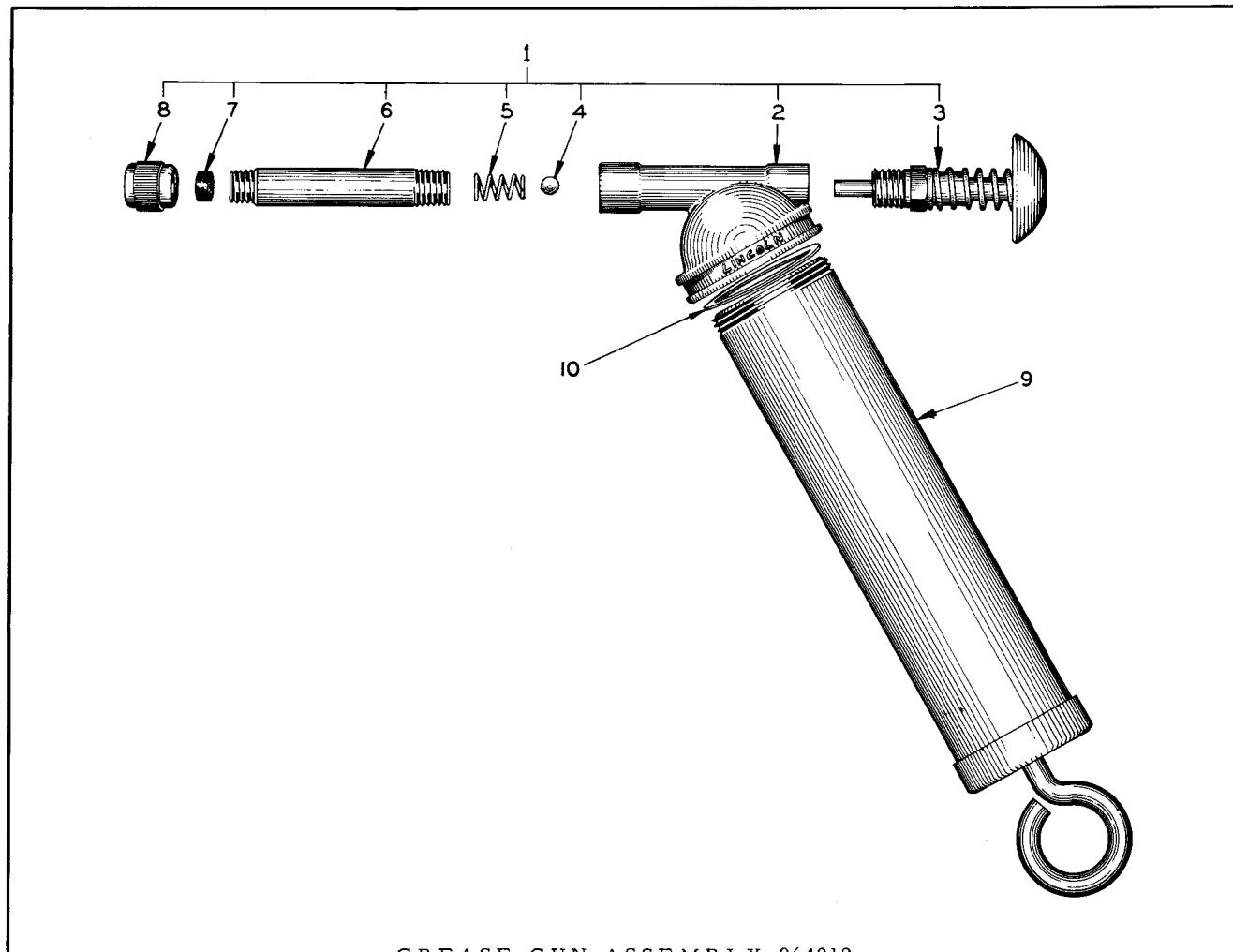
PART ITEM	NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	073737	1	GUN ASSEMBLY (Consists of items 2 thru 18)	
2	073870	1	HEAD AND PLUNGER ASSEMBLY (Serviced only as a unit)	
3	073881	1	PLUG, filling hole	
4	905360	1	BALL, steel, 3/8" diam.	
5	043061	1	SPRING, check valve	
6	043053	1	HOUSING, check valve spring	
7	043052	1	GASKET, check valve spring housing	
8	073868	1	HANDLE, plunger operating	
9	073866	1	PIN, plunger operating handle	
10	073869	1	TOGGLE, operating handle	
11	073867	2	PIN, toggle	
12	073791	1	TUBE, container	
13	043056	1	GASKET, container	
14	073807	1	CAP, container tube	
15	073817	1	FOLLOWER ASSEMBLY (Serviced only as a unit)	
16	058978	1	SPRING, follower	
17	073810	1	ROD, follower	
18	073821	1	PIN, follower rod	
19	034789	1	HOSE ASSEMBLY (Consists of items 35 thru 52 as listed on page 206)	



GREASE GUN ASSEMBLY 034241

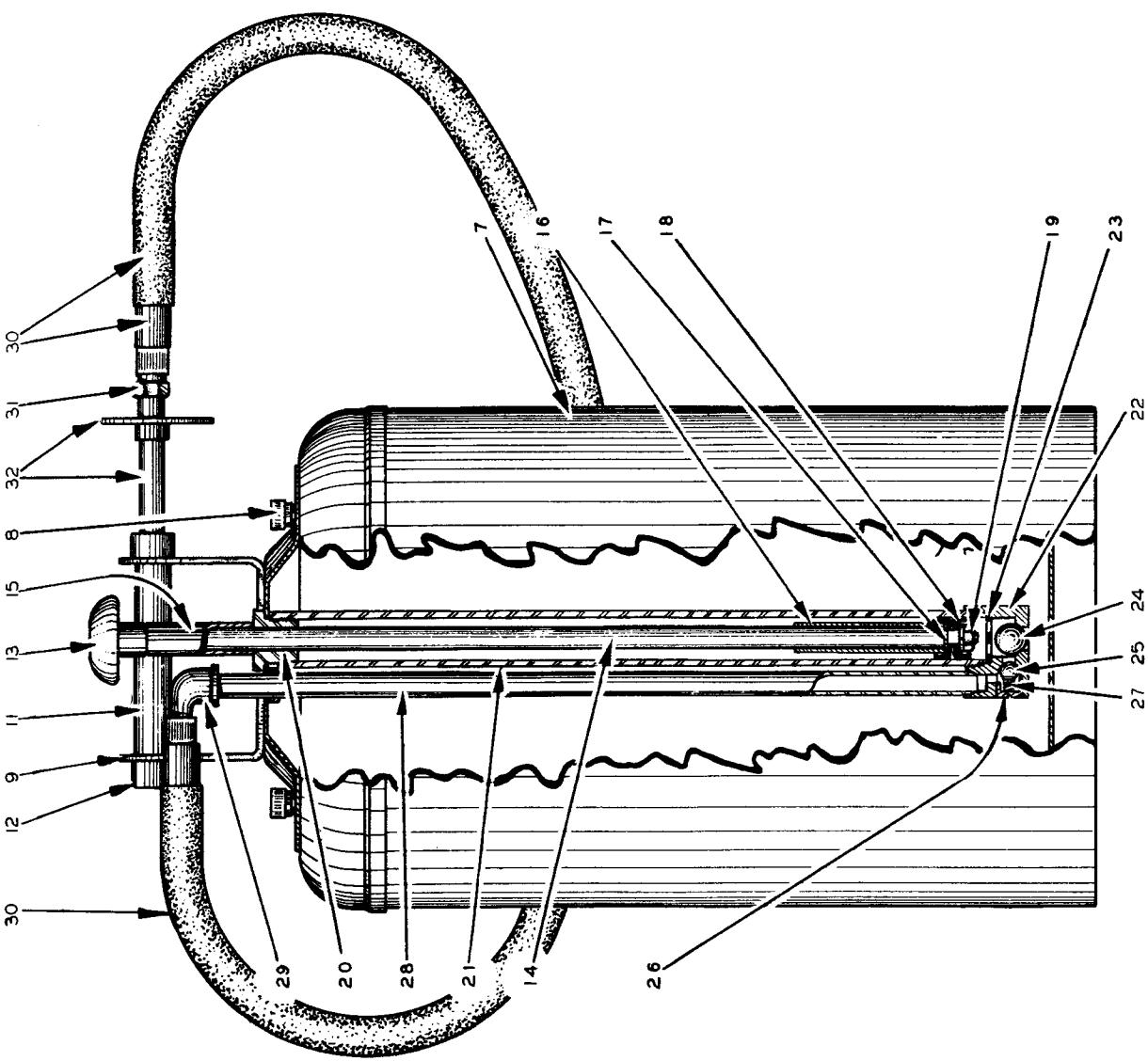
NOTE: See page 200 for listing of complete GUN ASSEMBLY.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
1	034213	1	NOZZLE ASSEMBLY (Includes items 2 thru 4)	
2	034214	1	CAP, nozzle	
3	064026	2	PACKING, nozzle	
4	034216	1	BODY, nozzle	
5	034217	1	EXTENSION, nozzle	
6	034230	1	HEAD ASSEMBLY (Includes items 7 thru 15)	
7	040376	1	BODY, head	
8	040367	1	PLUNGER ASSEMBLY (1 PLUNGER, 1 ROD, 1 PIN, 1 NUT, 1 SPRING. Serviced only as a unit)	
9	034225	1	PACKING, plunger	
10	040368	1	WASHER, plunger packing	
11	040366	1	SPACER, plunger	
12	034231	1	ADAPTER, nozzle extension	
13	034232	1	PACKING, nozzle extension adapter	
14	034233	1	SPRING, check ball	
15	912738	1	BALL, steel, 7/32" diam.	
16	034236	1	TUBE ASSEMBLY, grease (1 CONTAINER, 1 SPRING, 1 PISTON, 1 CAP, 1 HANDLE. Serviced only as a unit)	
17	034237	1	GASKET, grease container to head	

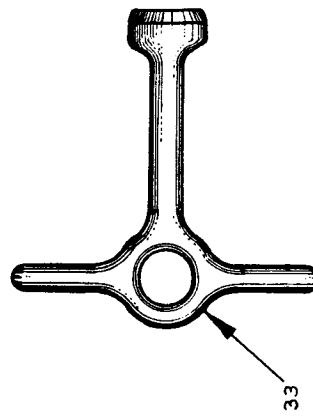


GREASE GUN ASSEMBLY 064019

ITEM	PART NUMBER	QTY.	USAGE: See page 200 for listing of complete Gun.	KIT NUMBER
			DESCRIPTION	
1	064025	1	HEAD ASSEMBLY (Consists of items 2 thru 8)	
2	064030	1	HEAD	
3	064031	1	PLUNGER ASSEMBLY (Serviced only as a unit)	
4	912738	1	BALL, steel, 7/32" diam.	
5	064029	1	SPRING, check ball	
6	064028	1	EXTENSION, nozzle	
7	064026	1	PACKING, nozzle	
8	064027	1	CAP, nozzle	
9	034236	1	TUBE ASSEMBLY (Includes PLUNGER. Serviced only as a unit)	
10	065918	1	GASKET, tube	



LUBRICATOR ASSEMBLY 034672



LUBRICATOR ASSEMBLY 034672

NOTE: See page 200 for listing of complete LUBRICATOR ASSEMBLY.

ITEM	PART NUMBER	QTY.	DESCRIPTION	KIT NUMBER
7	040273	1	CONTAINER ASSEMBLY, flushing lubricator (Includes item 8)	
8	040377	3	SCREW, flushing lubricator container cover	
9	040171	1	COVER, flushing lubricator container	
10	034751	1	PUMP ASSEMBLY, flushing lubricator (Includes item 9 and items 11 thru 29)	
11	034758	1	HANDLE, flushing lubricator	
12	034761	1	CAP, flushing lubricator handle	
13	034529	1	HANDLE, flushing lubricator pump piston rod	
14	034752	1	ROD, flushing lubricator pump piston	
15	034757	1	STOP, flushing lubricator pump piston rod, upper	
16	-----	1	STOP, flushing lubricator pump piston rod, lower (Not available)	
17	034756	2	WASHER, flushing lubricator pump piston rod	
18	034763	2	LEATHER, flushing lubricator pump piston	
19	913636	1	NUT, 5/16"NF	
20	034754	1	NUT, flushing lubricator pump piston rod guiding	
21	034760	1	TUBE, flushing lubricator pump	
22	034764	1	BODY, flushing lubricator pump valve	
23	034755	1	DISC, retaining, flushing lubricator pump check ball	
24	905365	1	BALL, steel, 5/8" diam. (suction check valve)	
25	905360	1	BALL, steel, 3/8" diam. (discharge check valve)	
26	034750	1	PLUG, retaining, flushing lubricator pump discharge check valve spring	
27	034762	1	SPRING, flushing lubricator pump discharge check valve ball	
28	034753	1	TUBE, outlet, flushing lubricator	
29	901722	1	ELBOW, street, 90°, 1/4"-18NPT	
30	034746	1	HOSE, flushing lubricator (36" long)	
31	034747	1	BUSHING, reducing, flushing lubricator hose (1/4"NPT to 1/8"NPT)	
32	041352	1	TUBE, nozzle, flushing lubricator hose	
33	040272	1	WRENCH, oil hole plugs	

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
033854	PIN KIT, track (For tractors prior to #1103) 33 035006 PIN 1 035009 PIN, master
043397	BLOCK KIT, clutch camshaft (For ROCKFORD Clutch only) 6 223585 BLOCK, cam 6 901226 SCREW, machine, fil-hd., 1/4"NC x 1/2" 6 914593 LOCKWASHER, int-tooth, 1/4"
044234	TIE ROD GROUP (For converting tractors prior to #5403) 2 036546 CAPSCREW, 1"NF x 4-1/4" 2 037694 CAPSCREW, 1"NC x 3" 2 044236 PLATE, front 2 044241 NUT, slotted, 1"NF 2 049057 ROD, tie 1 049255 PLATE, rear 4 049667 PLUG, thread protecting 2 901344 PIN, cotter, 1/4" x 2" 4 910916 LOCKWASHER, 1"
044391	PIN KIT, track (For tractors #1103 and up) 33 044289 PIN 1 044291 PIN, master
044392	BUSHING KIT, track (For tractors #1103 and up) 33 044290 BUSHING 1 044292 BUSHING, master 2 044293 SPACER, master bushing
044543	FAN KIT, reverse air-flow changeover 1 044865 FAN 1 044869 HUB ASSEMBLY, fan 2 045312 CAPSCREW, 5/16"NC x 3/4" 2 904205 LOCKWASHER, 5/16"
044827	SEAL KIT, truck wheel (For tractors prior to #1353) 1 ----- PLATE, seal 1 ----- RING, seal 1 034124 RING, packing 1 034129 BOOT, seal
083204	SEAL KIT, track idler (For tractors prior to #11366) 2 ----- RING, seal 2 ----- PLATE, seal 2 034039 BOOT, seal 2 034040 RING, packing
047237	CHANGEOVER KIT, engine clutch (For tractors prior to #781) 2 042265 CAPSCREW, 3/8"NF x 3-1/4" 6 043381 LEVER ASSEMBLY, actuating 1 044750 RING, pressure 15 044752 SPRING, pressure 15 044753 CUP, pressure spring 1 047238 SLEEVE ASSEMBLY, shifting 1 047239 CLAMP, stop, shifting sleeve 2 904206 LOCKWASHER, 3/8" 2 911041 NUT, 3/8"NF
081054	SEAL KIT, truck wheel (Used on tractors #1353 and up) 2 ----- PLATE, seal 2 ----- RING, seal 2 047477 RING, packing
047612	CHANGEOVER KIT, truck wheel seal (For converting tractors prior to serial No. 1353) 1 047475 RETAINER, bearing 1 047484 SEAL KIT 1 047581 SPRING ASSEMBLY 1 047596 BRACKET 2 047605 GASKET

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
051584	CHANGEOVER KIT, air box drain (For converting tractors prior to serial No. 1343) 1 S-903 INSTRUCTIONS 1 043030 CLIP 1 048245 TUBE 1 910978 ELBOW 1 911198 NUT
051890	CHANGEOVER KIT, air cleaner mounting (Applicable to tractors serial No. 2603 thru 9669, excluding Nos. 9651 and 9656) 1 012992 CAPSCREW, 3/8"NF x 1-1/4" 2 035167 CAPSCREW, 3/8"NF x 7/8" 1 051891 BAND, mounting, long 1 051893 BAND, mounting, short 1 051894 PIN, mounting band 1 051895 PIN, mounting band 2 051896 PIN, mounting band 1 051897 CAPSCREW, mounting band 1 051899 BRACE, cowl 2 900802 PIN, cotter, 3/32" x 1" 3 904206 LOCKWASHER, 3/8" 3 911041 NUT, 3/8"NF 1 ----- INSTRUCTION SHEET
083206	SEAL KIT, track idler (Used on tractors serial No. 11366 and up) 2 ----- RING, seal 2 ----- PLATE, seal 2 034108 RING, packing
052676	BEARING KIT, crankshaft rear main (standard size) 1 5179630 SHELL 1 5179631 SHELL 4 5159353 WASHER, thrust 4 040398 PIN, dowel
052677	BEARING KIT, crankshaft rear main (.010" undersize) 1 5192883 SHELL 1 5192884 SHELL 4 5159353 WASHER, thrust 4 040398 PIN, dowel
052678	BEARING KIT, crankshaft rear main (.020" undersize) 1 5192887 SHELL 1 5192888 SHELL 4 5159353 WASHER, thrust 4 040398 PIN, dowel
052679	BEARING KIT, crankshaft rear main (.030" undersize) 1 5192891 SHELL 1 5192892 SHELL 4 5159353 WASHER, thrust 4 040398 PIN, dowel
052698	CHANGEOVER KIT, track idler seal (For converting tractors prior to serial No. 11366) 1 048665 BOOT 1 048666 SPRING ASSEMBLY 1 049106 RETAINER, bearing 1 049107 BRACKET 1 052661 SEAL KIT
054982	CHANGEOVER KIT, engine clutch adjustment lock (For tractors prior to approx. #11721) 2 013058 CAPSCREW, 3/8"NC x 1-1/4" 1 054983 LOCK ASSEMBLY, adjusting ring 1 054985 WEIGHT, balancing
058034	GASKET SET, engine major overhaul (For engine with original cylinder block. Also see 074688) 1 040095 WASHER, fan spindle (cork) 1 040097 GASKET, fan spindle washer 1 040100 GASKET, fan 1 040118 GASKET, air intake

(Continued)

SERVICE KITS

KIT NUMBER DESCRIPTION

058034	GASKET SET, engine major overhaul (Continued)
1	040149 GASKET, water connection
1	040395 GASKET, oil filter case retainer
2	040399 GASKET, relief valve plug
3	040400 GASKET, hand hole cover bolt
2	040942 GASKET, by-pass valve plug
1	044872 GASKET, thermostat
1	064477 GASKET, water by-pass tube
1	207046 GASKET, oil filter case
1	3222489 GASKET, thermostat housing
1	3222555 GASKET, water manifold cover
2	3249110 GASKET (Not A-C. Discard)
1	3290577 GASKET (Not A-C. Discard)
3	5150020 GASKET, hand hole cover
1	5150024 GASKET, water hole cover
1	5150043 GASKET, cylinder head
2	5150052 GASKET, engine lifter bracket
1	5150054 GASKET, flywheel housing
2	5150055 GASKET, flywheel housing
1	5150057 GASKET, star cover
2	5150059 GASKET, flywheel housing cover
1	5150071 GASKET, balance weight cover
1	5150115 GASKET, oil pan
1	5150144 GASKET, water by-pass tube
2	5150154 GASKET, oil cooler adapter
1	5150155 GASKET, oil cooler housing
1	5150181 GASKET, crankshaft front cover
1	5150188 GASKET, water pump body
1	5150191 PACKING, water pump outlet
2	5150193 GASKET, pump to blower
1	5150194 GASKET, exhaust manifold
2	5150234 GASKET, blower end cover
1	5150235 GASKET, blower to block
2	5150246 GASKET, blower drive
4	5150269 GASKET, cylinder head hole cover
1	5150286 GASKET, blower drive support
1	5150327 GASKET, rocker cover
3	5150361 GASKET, water manifold
1	5150779 SCREEN, blower inlet
1	5150889 GASKET, governor cover
2	5150890 GASKET, governor weight housing
1	5150900 GASKET, breather pipe
1	5151190 GASKET, water by-pass tube
3	5151370 GASKET, oil pipe
1	5152904 GASKET, spacing
1	5152944 GASKET, governor spring housing
1	5153059 PACKING, governor shut-off shaft
2	5153313 GASKET, oil pipe (Not HD7. Discard)
1	5153560 SEAL, pump to cooler
1	5153627 GASKET, oil pump inlet
2	5153902 GASKET (Not HD7. Discard)
1	5154199 GASKET, oil by-pass valve
1	5154215 GASKET, oil cooler element
1	5156768 GASKET, relief valve plug
1	5161003 GASKET (Not A-C. Discard)
1	5165221 GASKET, governor cap
1	5168176 GASKET, oil filling tube adapter (Not HD7. Discard)
2	5169478 GASKET (Not HD7. Discard)
2	5177773 GASKET, relief valve plug
2	5177798 GASKET, end plate
1	5192918 GASKET SET, oil, cylinder head
1	5226029 GASKET, fuel pump valve screw
2	5230018 GASKET, fuel pump body

058035 GASKET SET, cylinder head (For engines with original cylinder block.
Also see 5193116)

1	064477 GASKET, water by-pass tube
1	3222555 GASKET, water manifold cover
2	3249110 GASKET (Not A-C. Discard)
1	5150043 GASKET, cylinder head
2	5150052 GASKET, lifter bracket
1	5150194 GASKET, exhaust manifold
4	5150269 GASKET, head hole covers

(Continued)

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
058035	GASKET SET, cylinder head (Continued) 1 5150327 GASKET, rocker cover 3 5150361 GASKET, water manifold 1 5150889 GASKET, governor cover 2 5150890 GASKET, governor weight housing 1 5150900 GASKET, breather pipe 2 5169478 GASKET (Not HD7. Discard) 1 5192918 GASKET SET, oil
058036	GASKET SET, piston ring replacement (For engines with original cylinder block only) 2 040399 GASKET, relief valve plug 2 040942 GASKET, by-pass valve plug 1 064477 GASKET, water by-pass tube 1 3222555 GASKET, water manifold cover 2 3249110 GASKET (Not A-C. Discard) 1 5150043 GASKET, cylinder head 2 5150052 GASKET, lifter bracket 1 5150115 GASKET, oil pan 1 5150194 GASKET, exhaust manifold 4 5150269 GASKET, head hole covers 1 5150327 GASKET, rocker cover 3 5150361 GASKET, water manifold 1 5150889 GASKET, governor cover 2 5150890 GASKET, governor control housing 1 5150900 GASKET, breather pipe 3 5151370 GASKET, oil pipe 2 5153313 GASKET, oil pipe (Not HD7. Discard) 1 5153627 GASKET, oil pump inlet 1 5154199 GASKET, oil by-pass valve 2 5169478 GASKET (Not HD7. Discard) 1 5192918 GASKET SET, oil
060593	TOOL KIT, injector 1 044811 BRUSH, cleaning, fuel hole 1 044812 BRUSH, cleaning, rack hole 1 044814 STONE, sharpening 1 044819 REAMER, spray tip 1 044822 VISE, pin, probing wire 1 074549 GAUGE, feeler, rocker clearance 1 074741 GAUGE, timing 1 ----- CASE, cloth
061487	TRANSFER SET 2 041832 TRANSFER, "ALLIS-CHALMERS HD7 DIESEL" 1 041834 TRANSFER, "HD7 DIESEL" 1 050838 TRANSFER, air pre-cleaner 1 050842 TRANSFER, air cleaner 2 060611 TRANSFER, fuel filter 1 068830 TRANSFER, "ALLIS CHALMERS" 2 068832 TRANSFER, "ALLIS CHALMERS" 1 069314 TRANSFER, fan lubrication instructions 1 069407 TRANSFER, primer instructions 1 074729 TRANSFER, oil filter
064055	GUARD KIT, sand (Provides close-fitting idler guards for field installation on early short-track model tractors equipped with large (27-1/2" diam.) track idlers) 4 ----- EXTENSION, front (Requires welding to truck frame guards) 2 064048 GUARD, idler (Requires welding to track release yoke) 4 035229 CAPSCREW, 5/8"NF x 2" 4 072366 NUT, high, 5/8"NF 4 900819 WASHER, plain, U.S. std., 5/8"
065650	PUMP KIT, water 1 5159060 PUMP ASSEMBLY 1 5150188 GASKET, pump body cover 1 5150191 PACKING, pump outlet 1 5150193 GASKET, pump to blower 1 5153560 SEAL, pump to oil cooler 1 5156770 SEAL, pump to oil cooler (Not HD7. Discard) 1 5159457 SEAL, pump to oil cooler (Not HD7. Discard)

SERVICE KITS

KIT NUMBER	DESCRIPTION
065737	GASKET SET, final drive (Fits tractors #498 and up) <ul style="list-style-type: none"> 1 033007 SEAL, pinion shaft 1 034627 GASKET, end cover 1 035232 GASKET, bearing cage 1 035257 GASKET, gear case 2 036076 GASKET, side plate 1 037996 GASKET, bearing cover 1 041798 SEAL, oil 1 041874 GASKET, side plate 1 043189 GASKET, seal plate 1 042924 GASKET, seal ring 1 042935 GASKET, seal ring
066122	PRIMER KIT, engine starting (For tractors prior to serial No. 16697) <ul style="list-style-type: none"> 1 036032 CAPSCREW, 3/8"NF x 3/4" (Not HD7) 2 065868 CLIP, tube supporting (Not HD7) 1 065946 GROMMET, tube protecting 1 065953 CLIP, tube supporting (Not HD7) 1 066232 CHANNEL, dispenser mounting (Not HD7) 1 066253 TUBING, copper, 1/8"O.D., 10 ft. roll 1 066260 CLIP (Not HD7) 6 066261 GASKET, dispenser mounting (Not HD7) 1 066516 ADAPTER, outlet check valve 1 066517 ELBOW ASSEMBLY, fuel spray 1 068880 DISPENSER ASSEMBLY, priming fuel 4 901310 NUT, #10-24NC 4 904203 LOCKWASHER, #10 2 904204 LOCKWASHER, 1/4" (Not HD7) 1 904206 LOCKWASHER, 3/8" (Not HD7) 2 905655 CAPSCREW, 1/4"NC x 1/2" (Not HD7) 2 911024 NUT, 1/4"NC (Not HD7) 1 911041 NUT, 3/8"NF (Not HD7) 4 913464 SCREW, machine, hex-hd., #10-24NC x 7/8" 3 915486 RING ASSEMBLY, Sealastic fitting, 1/8" tube 3 915488 NUT, Sealastic fitting, 1/8" tube 2 915490 CONNECTOR, Sealastic, female, 1/8"NPT, 1/8" tube 1 915492 ELBOW, Sealastic, female, 1/8"NPT, 1/8" tube (Not HD7) 1 915556 CONNECTOR, Sealastic, male, 1/8"NPT, 1/8" tube 1 5151910 WASHER, check valve adapter 1 5153358 VALVE ASSEMBLY, outlet check
069584	LINING KIT, brake band <ul style="list-style-type: none"> 7 044426 LINING 50 078014 RIVET, tubular, brass, fl-hd., 3/16" x 9/32"
074688	GASKET SET, engine overhaul (For engines with new replacement cylinder block only) <ul style="list-style-type: none"> 1 040095 WASHER, fan spindle (cork). 1 040097 GASKET, fan spindle washer 1 040100 GASKET, fan 1 040118 GASKET, air intake 1 040149 GASKET, water connection 1 040395 GASKET, oil filter case retainer 2 040399 GASKET, relief valve plug 3 040400 GASKET, hand hole cover bolt 2 040942 GASKET, by-pass valve plug 1 044872 GASKET, thermostat 1 207046 GASKET, oil filter case 1 3222489 GASKET, thermostat housing 1 3222555 GASKET, water by-pass tube 2 3249110 GASKET (Not A-C. Discard) 1 3290577 GASKET (Not A-C. Discard) 3 5150020 GASKET, hand hole cover 1 5150024 GASKET, water hole cover 2 5150052 GASKET, engine lifter bracket 1 5150054 GASKET, flywheel housing 1 5150057 GASKET, star cover 2 5150059 GASKET, flywheel housing cover 1 5150071 GASKET, balance weight cover 1 5150115 GASKET, oil pan 1 5150144 GASKET, water by-pass tube 2 5150154 GASKET, oil cooler adapter 1 5150155 GASKET, oil cooler housing

(Continued)

SERVICE KITS

KIT NUMBER	DESCRIPTION
074688	GASKET SET, engine overhaul (Continued) 1 5150181 GASKET, crankshaft front cover 1 5150188 GASKET, water pump body 1 5150191 PACKING, water pump outlet 2 5150193 GASKET, pump to blower 1 5150194 GASKET, exhaust manifold 2 5150234 GASKET, blower end cover 1 5150235 GASKET, blower to block 2 5150246 GASKET, blower drive 4 5150269 GASKET, cylinder head hole cover 1 5150286 GASKET, blower drive support 1 5150327 GASKET, rocker cover 3 5150361 GASKET, water manifold 1 5150779 SCREEN, blower inlet 1 5150889 GASKET, governor cover 2 5150890 GASKET, governor weight housing 1 5150900 GASKET, breather pipe 1 5151190 GASKET, water hole cover 3 5151370 GASKET, oil pipe 1 5152904 GASKET, spacing 1 5152944 GASKET, governor spring housing 2 5153313 GASKET, oil pipe 1 5153560 SEAL, pump to cooler 1 5153627 GASKET, oil pump inlet 2 5153902 GASKET (Not HD7. Discard) 1 5154199 GASKET, oil by-pass valve 1 5154215 GASKET, oil cooler element 1 5155816 GASKET, thermostat housing cover 1 5156768 GASKET, relief valve plug 1 5159457 SEAL (Not HD7. Discard) 1 5161003 GASKET (Not A-C. Discard) 1 5168176 GASKET, oil filling tube adapter (Not HD7. Discard) 2 5169478 GASKET (Not HD7. Discard) 1 5172865 SEAL, blower drive shaft cover 1 5177773 GASKET, relief valve plug 2 5177798 GASKET, end plate 2 5183305 GASKET, cylinder head water and oil holes 3 5183330 GASKET, cylinder compression 1 5183948 RING, head oil seal 4 5184301 RING, cylinder head water hole 2 5184302 RING, cylinder head end water hole
077853	CHANNEL KIT, outer, left truck frame 1 077843 CHANNEL 9 035229 CAPSCREW, 5/8"NF x 2" 10 035248 CAPSCREW, 5/8"NF x 2-1/4" 5 037154 SHIM
077854	CHANNEL KIT, outer, right truck frame 1 077844 CHANNEL 9 035229 CAPSCREW, 5/8"NF x 2" 10 035248 CAPSCREW, 5/8"NF x 2-1/4" 5 037154 SHIM
077872	CHANNEL KIT, inner, right truck frame 1 077876 CHANNEL 10 035248 CAPSCREW, 5/8"NF x 2-1/4" 7 035229 CAPSCREW, 5/8"NF x 2" 5 037154 SHIM,
077873	CHANNEL KIT, inner, left truck frame 1 077875 CHANNEL 10 035248 CAPSCREW, 5/8"NF x 2-1/4" 7 035229 CAPSCREW, 5/8"NF x 2" 5 037154 SHIM,
5192248	SEAL KIT, blower drive shaft cover (Use to convert engines prior to #371-23901) 1 5172864 SEAL 1 5173695 CLAMP

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
077877	CHANNEL KIT, inner, left truck frame 8 035229 CAPSCREW, 5/8"NF x 2" 12 035248 CAPSCREW, 5/8"NF x 2-1/4" 5 037154 SHIM, idler bracket guide 1 077861 CHANNEL
077878	CHANNEL KIT, inner, right truck frame 8 035229 CAPSCREW, 5/8"NF x 2" 12 035248 CAPSCREW, 5/8"NF x 2-1/4" 5 037154 SHIM 1 077862 CHANNEL

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
5192441	HUB KIT, blower rotor gear 6 904205 LOCKWASHER, 5/16" 6 910335 WASHER, plain, SAE std., 5/16" 3 5173362 BOLT, coupling 3 5173363 BOLT, coupling 3 5173364 SPACER, driving hub plate 1 5173365 PLATE, driving hub 1 5173366 HUB, driving
5192821	COUPLING KIT, water pump drive (For engines prior to #3A-5085) 1 069004 CAPSCREW 1 5179605 COUPLING 1 ----- SHAFT, stub, lower blower rotor 1 ----- PIN, groove, rotor stub shaft 1 ----- PLUG, rotor stub shaft
5193116	GASKET SET, cylinder head (For engines with new replacement cylinder block only) 2 3249110 GASKET (Not A-C. Discard) 2 5150052 GASKET, lifter bracket 1 5150194 GASKET, exhaust manifold 4 5150269 GASKET, head hole covers 1 5150327 GASKET, rocker cover 3 5150361 GASKET, water manifold 1 5150889 GASKET, governor cover 2 5150890 GASKET, governor weight housing 1 5150900 GASKET, breather pipe 2 5169478 GASKET (Not HD7. Discard) 2 5183305 GASKET, cylinder head water and oil holes 3 5183330 GASKET, cylinder compression 1 5183948 RING, cylinder head oil seal 4 5184301 RING, cylinder head water hole 2 5184302 RING, cylinder head end water hole
5193221	ELEMENT KIT, injector fuel filter 2 5226186 GASKET, filter element cap 2 5226414 CAP, shipping 1 5226564 RING, nut sealing 2 5228013 ELEMENT, fuel filtering
5193239	SEAL KIT, water pump 1 ----- SEAL, impeller 1 ----- SPRING, impeller seal 1 ----- GUIDE, impeller seal spring 1 ----- WASHER, sealing 1 ----- CUP, impeller seal retaining 1 ----- RING, impeller seal clamping 1 914836 PIN, groove, 3/16" x 7/8" 1 5150188 GASKET, body cover 1 5150191 PACKING, pump outlet 1 5150193 GASKET, pump to blower
5193477	RING KIT, piston 2 5179836 RING, oil control 4 5185325 RING, compression
5193609	CYLINDER KIT 1 5153590 PIN, piston 1 5171524 PISTON ASSEMBLY 1 5186590 LINER, cylinder 1 5193477 RING KIT, piston
5227324	TIP KIT, injector (For Injector 5226710 only) 1 5227210 SPRING, valve 1 5227318 STOP, valve 1 5227321 TIP, spray 1 5227323 VALVE ASSEMBLY
5228183	TIP KIT, injector (For Injector 5228330 only) 2 5227210 SPRING, valve 2 5227318 STOP, valve 1 5227321 TIP, spray 1 5228107 VALVE ASSEMBLY, upper 1 5228108 VALVE ASSEMBLY, lower

S E R V I C E K I T S

KIT NUMBER	DESCRIPTION
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	1 5227210 SPRING, valve
	1 5227318 STOP, valve
	1 5228296 TIP, spray
	1 5228316 VALVE ASSEMBLY

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5156768	29	5174429	61	5192248	217	5227321	.54, 55
5156769	29	5174438	59	5192438	65	5227323	.54
5156782	29	5174447	59	5192439	65	5227324	.218
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5157587	30	5176457	16	5192569	17	5228294	.56
5158071	75, 77	5176458	16	5192589	16	5228298	.56
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5159080	60	5177772	29	5192880	13	5230015	.43
5159353	13	5177773	29	5192881	15	5230016	.43
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5161677	57	5178989	13	5192890	15	5230054	.43
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