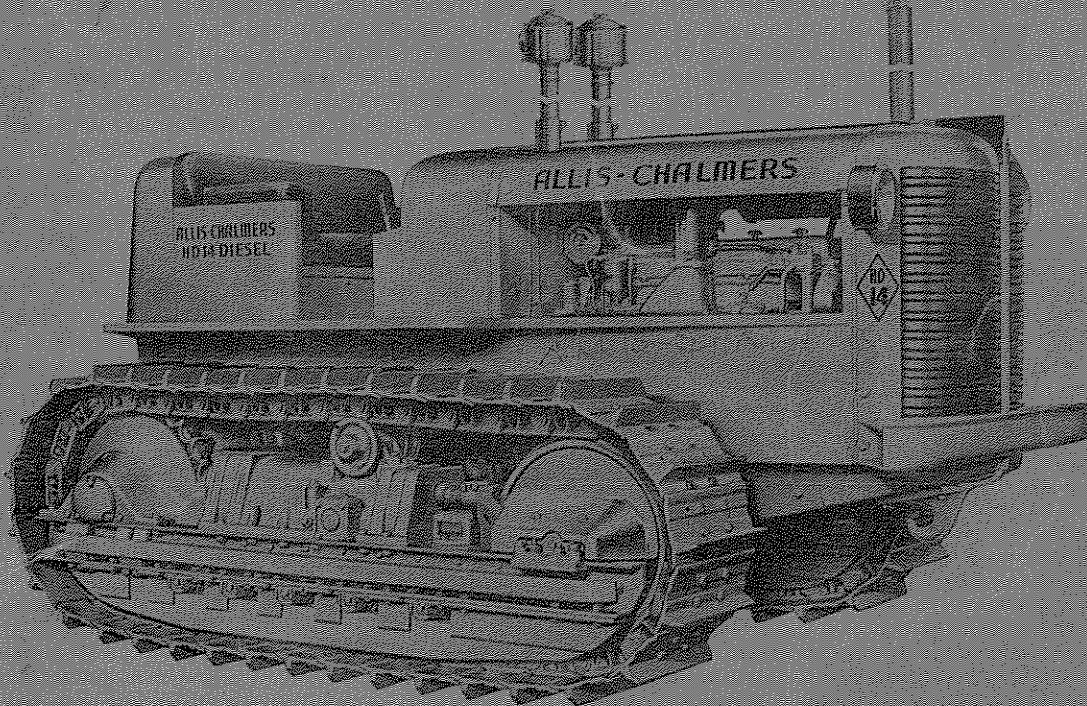
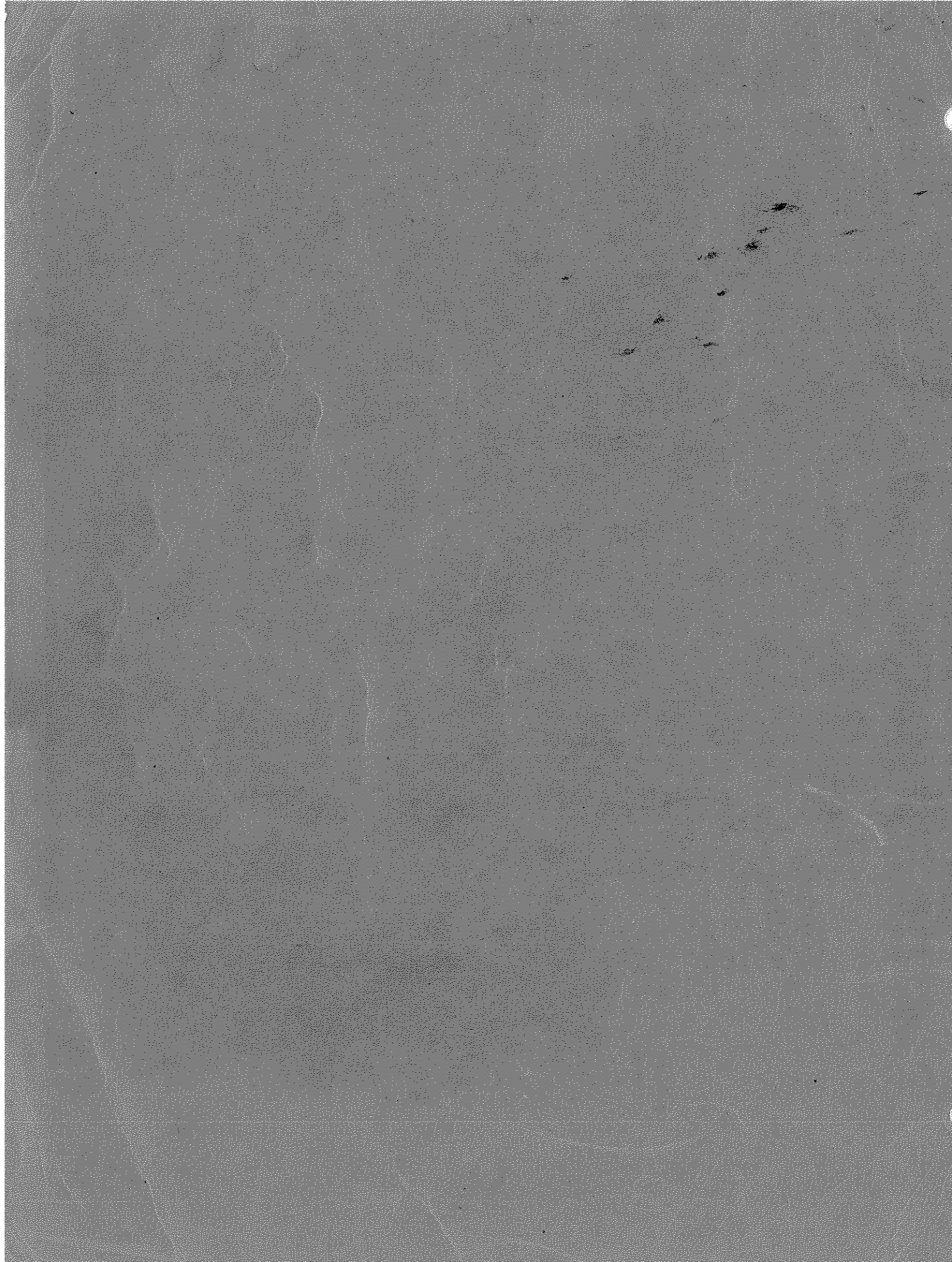


**REPAIR PARTS LIST
FOR
ALLIS-CHALMERS
MODEL
HD 14
TRACTOR**



**ALLIS-CHALMERS MFG. CO.
TRACTOR DIVISION
MILWAUKEE, WISCONSIN
U. S. A.
(SPRINGFIELD ILLINOIS WORKS)**

FORM TPL-124B



TELEGRAPHIC CODE

For convenience and economy when ordering parts by telegram, code words may be used for each part number. This code is made up of a combination of letters least likely to be mixed in sending. The figures are represented by the letters set opposite below.

1 - A	3 - J	5 - M	7 - Q	9 - X	\ Hyphen (-) - Z
2 - B	4 - K	6 - N	8 - W	0 - Y	

Thus, part number 35252 would be transmitted as five separate words (three, five, two, five, two), whereas, by the use of the code, the number could be transmitted as one word (JMBMB). Do not order parts by code unless the order is sent by telegram.

Wherever letters of the alphabet appear in a part number, use the hyphen (code letter Z), to separate the prefix or suffix from the numerals. (Example: AM-9740 would read AMZXQKY).

Within the United States, part numbers up to five digits may now be sent as one word, (Example: 35252), without recourse to coding. However, in the case of foreign wires and cables, each number is considered as a separate word which makes the use of coding highly desirable.

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 words 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

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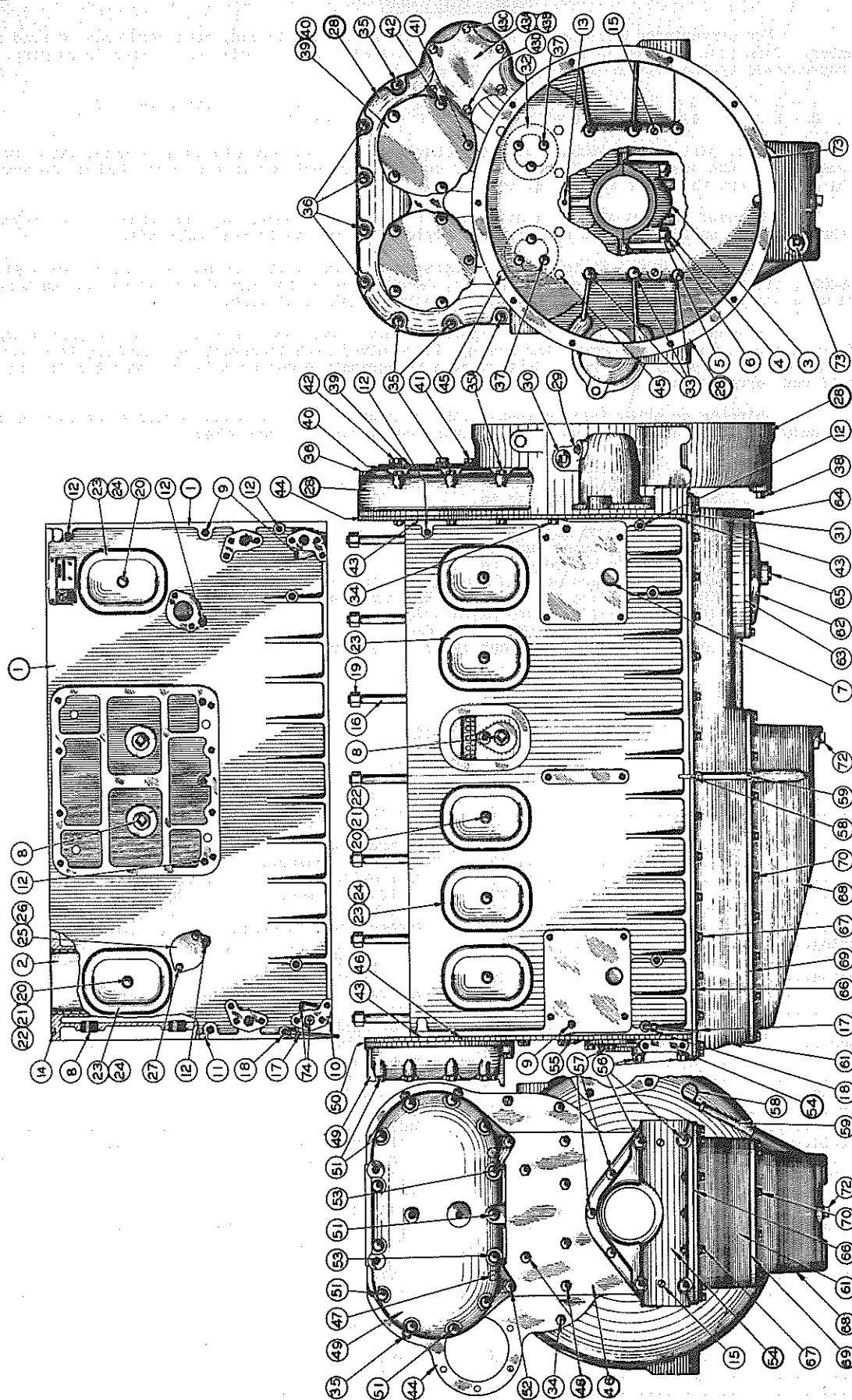


PLATE 1 - CYLINDER BLOCK AND CRANCASE

CYLINDER BLOCK AND CRANKCASE
(See Plate 1)

Item	Part Number	Qty.	Name	
1	5155332	1	Cylinder Block Assembly (Includes items 3 to 18 inclusive)	
2	5151595	6	Cylinder Liner	
3	5151414	7	Main Bearing Cap	
4	5151154	14	Main Bearing Cap Stud	
5	5150572	14	Main Bearing Cap Nut	
6	900806	14	Cotter Pin 1/8" x 1"	
7	5150014	1	Cup Plug 1-1/4"	
8	913046	14	Brass Pipe Plug 1" Countersunk	
9	911081	3	Pipe Plug 1/4" Slotted	
10	904260	1	Pipe Plug 3/3" Countersunk	
11	913045	2	Brass Pipe Plug 1/2" Countersunk	
12	910230	9	Pipe Plug 1/8" Slotted	
13	5150130	2	Oil Hole Plug 5/16" Diameter	
14	5151122	4	Oil Hole Plug 3/8" Diameter	
15	5151576	4	Dowel Pin (For Flywheel Housing and Front Cover)	
16	5151159	14	Cylinder Head Stud	
17	5154969	2	Air Box Drain Tube with Nut (For Engines Prior to #6712622, order 044471 Elbow also)	
18	910129	2	Elbow Fitting (Discontinued on Engine #6712622)	
19	044471	2	Elbow Fitting (Effective with Engine #6712622)	
20	5150013	14	Cylinder Head Stud Nut	
21	5153139	7	Handhole Cover Bolt 3/8" x 2-1/4"	
22	040400	7	Handhole Cover Bolt Gasket	
23	911115	7	Flat Washer 3/8"	
24	5153117	7	Handhole Cover	
25	5150020	7	Handhole Cover Gasket	
26	5150023	1	Water Hole Cover	
27	5150024	1	Water Hole Cover Gasket	
28	903626	2	Hex Capscrew 5/16" N.C. x 3/4"	
29	910803	2	Lockwasher 5/16" Heavy	
30	5153241	1	Flywheel Housing Assembly (Includes Crankshaft Oil Seal 5150846 and items 29, 30 and 38)	
31	901666	1	Pipe Plug 1" Countersunk	
32	912725	1	Pipe Plug 1/2" Sq. Hd.	
33	5150054	1	Flywheel Housing Gasket (Large)	
34	5150055	2	Flywheel Housing Gasket (Small)	
35	5154688	6	Hex Capscrew 1/2" N.C. x 3-1/4"	
36	910806	6	Lockwasher 1/2" Heavy	
37	35439	2	Capscrew 3/8" x 1"	
38	910804	2	Lockwasher 3/8" Heavy	
39	041911	3	Capscrew 3/8" x 3-1/2"	
40	911041	3	Hex Nut 3/8" N.F.	
41	910804	3	Lockwasher 3/8" Heavy	
42	913242	1	Hex Capscrew 3/8" N.F. x 3-3/4"	
43	911041	1	Hex Nut 3/8" N.F.	
44	910804	1	Lockwasher 3/8" Heavy	
45	042265	4	Capscrew 3/8" x 3-1/4"	
46	910804	4	Lockwasher 3/8" Heavy	
47	913014	6	Hex Capscrew 3/8" N.F. x 1-1/8"	
48	910804	6	Lockwasher 3/8" Heavy	
49	912726	1	Pipe Plug 3/4" Standard (Oil Drain)	
50	5150058	2	Flywheel Housing Cover (Large)	
51	5150059	2	Flywheel Housing Cover Gasket	
52	912187	2	Hex Capscrew 7/16" N.C. x 1"	
53	910805	2	Lockwasher 7/16" Heavy	
54	35220	8	Capscrew 1/2" x 1-1/8"	
55	910806	8	Lockwasher 1/2" Heavy	
56	5152879	2	Cylinder Block End Plate Gasket	
57	5154669	1	Flywheel Housing Star Cover	
58	5150057	1	Flywheel Housing Cover Gasket	
59	040426	4	Capscrew 3/8" x 5"	
60	911041	4	Hex Nut 3/8" N.F.	
61	910804	4	Lockwasher 3/8" Heavy	
62	35439	2	Capscrew 3/8" x 1"	
63	910804	2	Lockwasher 3/8" Heavy	
64	5150060	1	Cylinder Block End Plate - Rear	
65	35439	6	Capscrew 3/8" x 1"	
66	910804	6	Lockwasher 3/8"	
67	5152878	1	Cylinder Block End Plate - Front	
68	35220	2	Capscrew 1/2" x 1-1/8"	
69	910806	2	Lockwasher 1/2" Heavy	
70	35439	6	Capscrew 1/2" x 1"	
71	910806	6	Lockwasher 1/2" Heavy	
72	5150410	1	Balance Weight Cover	
73	5150071	1	Balance Weight Cover Gasket	
74	041913	11	Capscrew 3/8" x 2-7/8"	
75	910804	11	Lockwasher 3/8" Heavy	
76	041914	2	Capscrew 3/8" x 1-7/8"	
77	910804	2	Lockwasher 3/8" Heavy	
78	041915	2	Hex Capscrew 3/8" x 3-1/2"	
79	910804	2	Lockwasher 3/8" Heavy	
80	5153372	1	Crankshaft Front Cover Assembly (Includes Crankshaft Oil Seal 5153373)	
81	5150181	1	Crankshaft Front Cover Gasket	
82	903641	4	Hex Capscrew 1/2" N.C. x 2-1/4"	
83	910806	4	Lockwasher 1/2" Heavy	
84	36032	3	Hex Capscrew 3/8" N.F. x 3/4"	
85	910804	3	Lockwasher 3/8" Heavy	
86	5153293	1	Oil Level Gauge Rod	
87	5152736	1	Oil Gauge Rod Guide	
88	5153152	1	Oil Pan - Upper (Discontinued on Engine #6711077. Items 61 to 65 can be used instead)	
89	5153942	1	Oil Pan - Upper	
90	5153787	1	Oil Pan Handhole Cover	
91	5153788	1	Oil Pan Handhole Cover Gasket	
92	903772	8	Hex Capscrew 5/16" N.C. x 1"	
93	910803	8	Lockwasher 5/16" Heavy	
94	912726	1	Pipe Plug 3/4" Standard	

CYLINDER BLOCK AND CRANKCASE (Continued)

Item	Part Number	Qty.	Name
66	5150117	1	Oil Pan Gasket - Upper
67	903772	34	Hex Capscrew 5/16" N.C. x 1"
68	910803	34	Lockwasher 5/16"
69	5153153	1	Oil Pan - Lower
70	5153256	1	Oil Pan Gasket - Lower
71	903772	22	Hex Capscrew 5/16" N.C. x 1"
72	910803	22	Lockwasher 5/16"
73	911074	1	90° Street Ell 3/4" (Discontinued on tractor HD14-122)
74	912728	1	Pipe Plug 3/4" Square Head
75	913046	2	Brass Pipe Plug 1" Countersunk (Discontinued)
76	904260	2	Pipe Plug 3/8" Countersunk (For extra Oil Cooler Pads)

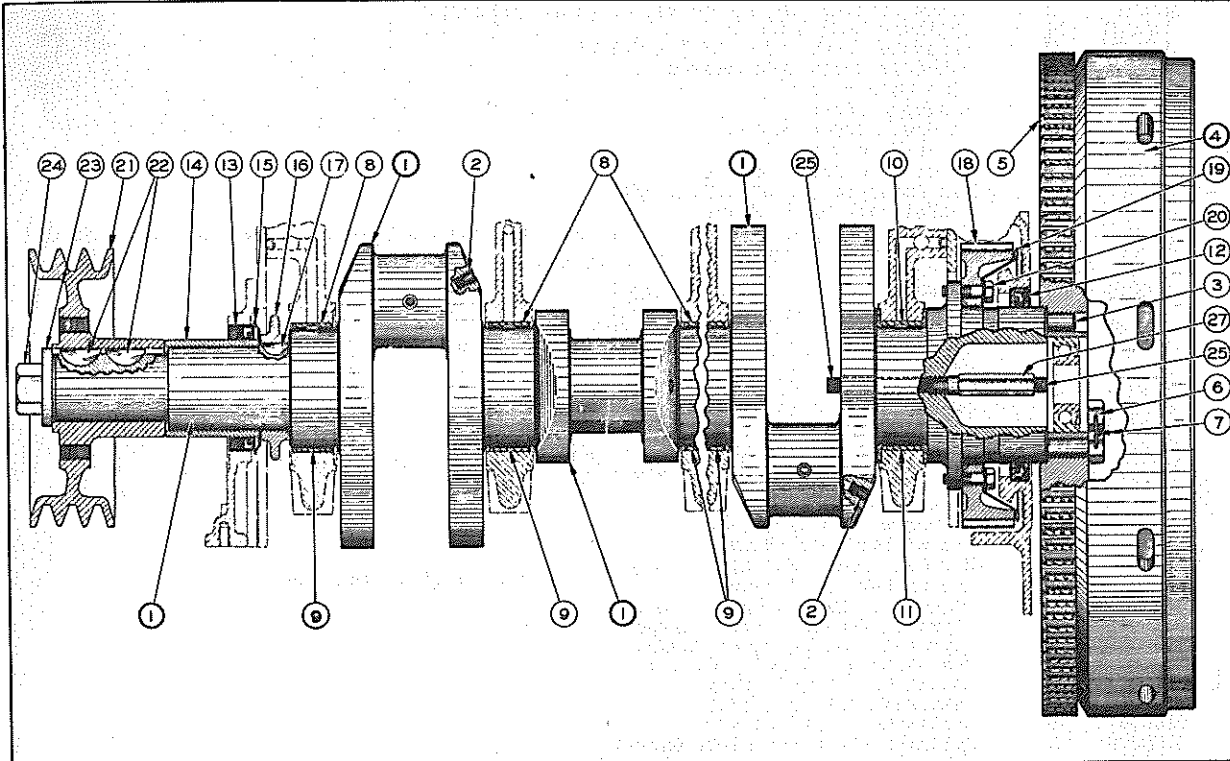


PLATE 2 - CRANKSHAFT AND FLYWHEEL

CRANKSHAFT AND FLYWHEEL (See Plate 2)				CRANKSHAFT AND FLYWHEEL (See Plate 2)			
Item	Part Number	Qty.	Name	Item	Part Number	Qty.	Name
1	5152744	1	Crankshaft Assembly (incl. Item 2 & 3)	12	5150846	1	Rear Oil Seal
2	910230	7	Pipe Plug 1/8" Slotted } In item 1	13	5153373	1	Front Oil Seal
3	5150069	2	Dowel	14	5151420	1	Oil Seal Spacer
4	5153289	1	Flywheel Assembly (Includes item 5)	15	5150174	1	Front Oil Slinger
5	5152615	1	Flywheel Ring Gear (In item 4)	16	5151217	1	Oil Pump Drive Sprocket
6	5150267	6	Flywheel Bolt	17	905123	1	#9 Woodruff Key
7	23775	3	Lockwire 10" Long	18	5150516	1	Crankshaft Gear
8	5152918	6	Bearing - Upper (Standard size)	19	5150710	1	Crankshaft Gear Oil Slinger
9	5152979	6	Bearing - Upper (.010" Undersize)	20	5150271	6	Crankshaft Gear Bolt
10	5153582	6	Bearing - Upper (.020" Undersize)	21	910804	6	Lockwasher 3/8" Heavy
11	5153574	6	Bearing - Upper (.030" Undersize)	22	042401	1	Fan Drive Pulley
12	5150017	6	Bearing - Lower (Standard size)	23	911201	2	Woodruff Key "E"
13	5151309	6	Bearing - Lower (.010" Undersize)	24	040101	1	Washer
14	5153583	6	Bearing - Lower (.020" Undersize)	25	5153623	1	Crankshaft Bolt
15	5153575	6	Bearing - Lower (.030" Undersize)	26	040835	1	Pilot Bearing Oiling Wick
16	5154880	1	Rear Bearing - Upper (Standard size)	27	5153835	1	Wick Holder (Disc. engine #671924)
17	5155924	1	Rear Bearing - Upper (.010" Undersize)		040834	1	Wick Holder (Eff. engine #671924)
18	5155926	1	Rear Bearing - Upper (.020" Undersize)				
19	5155928	1	Rear Bearing - Upper (.030" Undersize)				
20	5154879	1	Rear Bearing - Lower (Standard size)				
21	5155925	1	Rear Bearing - Lower (.010" Undersize)				
22	5155927	1	Rear Bearing - Lower (.020" Undersize)				
23	5155929	1	Rear Bearing - Lower (.030" Undersize)				

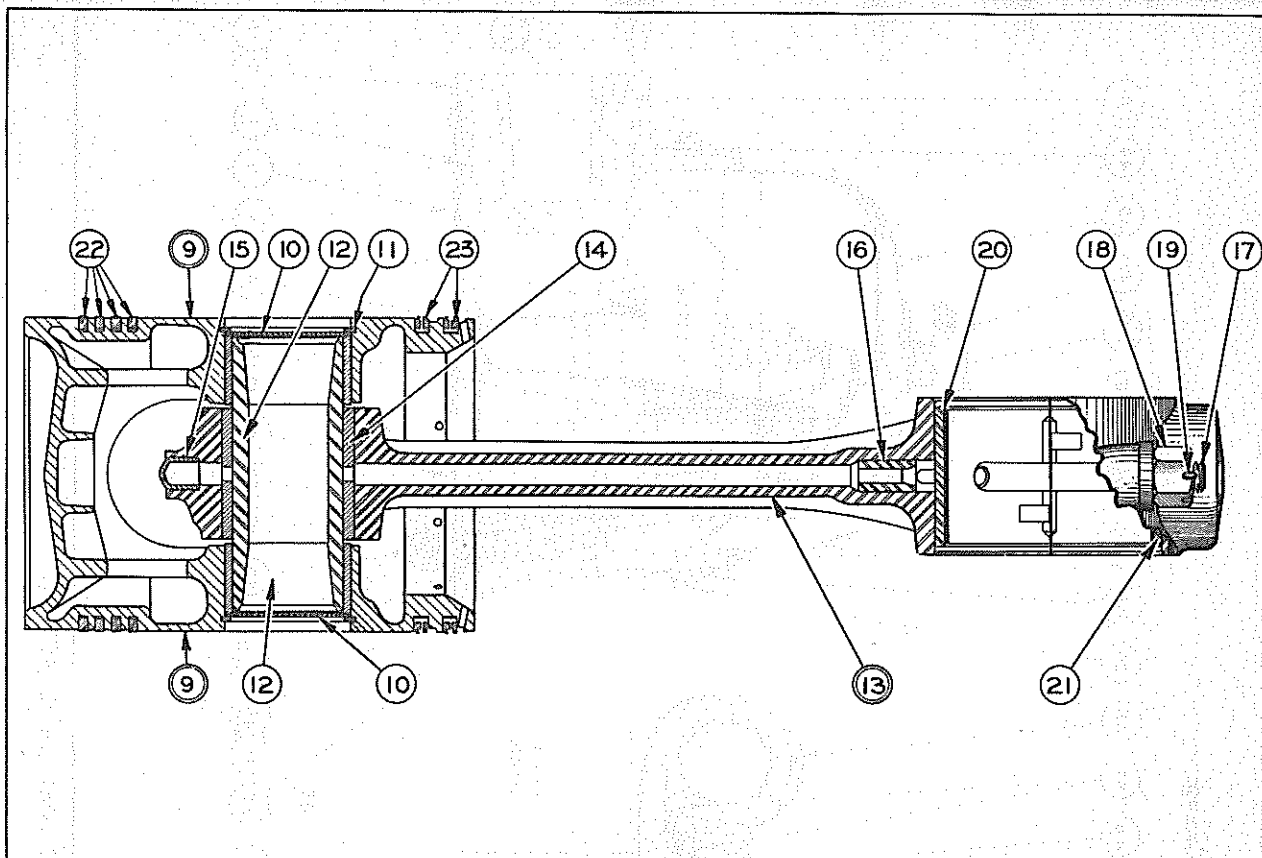


PLATE 3 - PISTON AND CONNECTING ROD

PISTON AND CONNECTING ROD
(See Plate 3)

Item	Part Number	Qty.	Name	
1	5153773	6	Piston Assembly (Not serviced. Order items 9 and 12)	Replacement is not recommended. Order items 9, 12 and 13.
2	5153558	6	Piston Pin (Not serviced. Order item 12)	
3	5150103	12	Piston Pin Cap	
4	5150096	6	Piston Pin Bearing Outer Race	
5	5150098	480	Piston Pin Bearing Roller	
6	5150097	6	Piston Pin Bearing Guide Ring	Discontinued on engine #6711148
7	5150099	12	Piston Pin Bearing Retaining Ring	
8	5153416	6	Connecting Rod Assembly (Not serviced. Order item 13)	Effective with engine #6711148
9	5154419	6	Piston Assembly (Includes items 10 and 11)	
10	5153592	12	Piston Pin Retainer	
11	5153562	12	Piston Pin Lock Ring	
12	5153590	6	Piston Pin	
13	5154332	6	Connecting Rod Assembly (Includes items 14 to 19)	In items 8 and 13
14	5151350	12	Connecting Rod Bushing (In item 13)	
15	5150140	6	Connecting Rod Spray Nozzle	
16	5154360	6	Connecting Rod Orifice 7/16" Diameter	
17	5150094	12	Connecting Rod Bolt	
18	5150095	12	Connecting Rod Bolt Nut	
19	900802	12	Cotter Pin 3/32" x 1"	
20	5150106	6	Connecting Rod Bearing - Upper Half	
21	5151528	6	Connecting Rod Bearing - Lower Half	
22	5154144	24	Piston Compression Ring	
23	5150105	12	Piston Oil Control Ring (3-piece)	

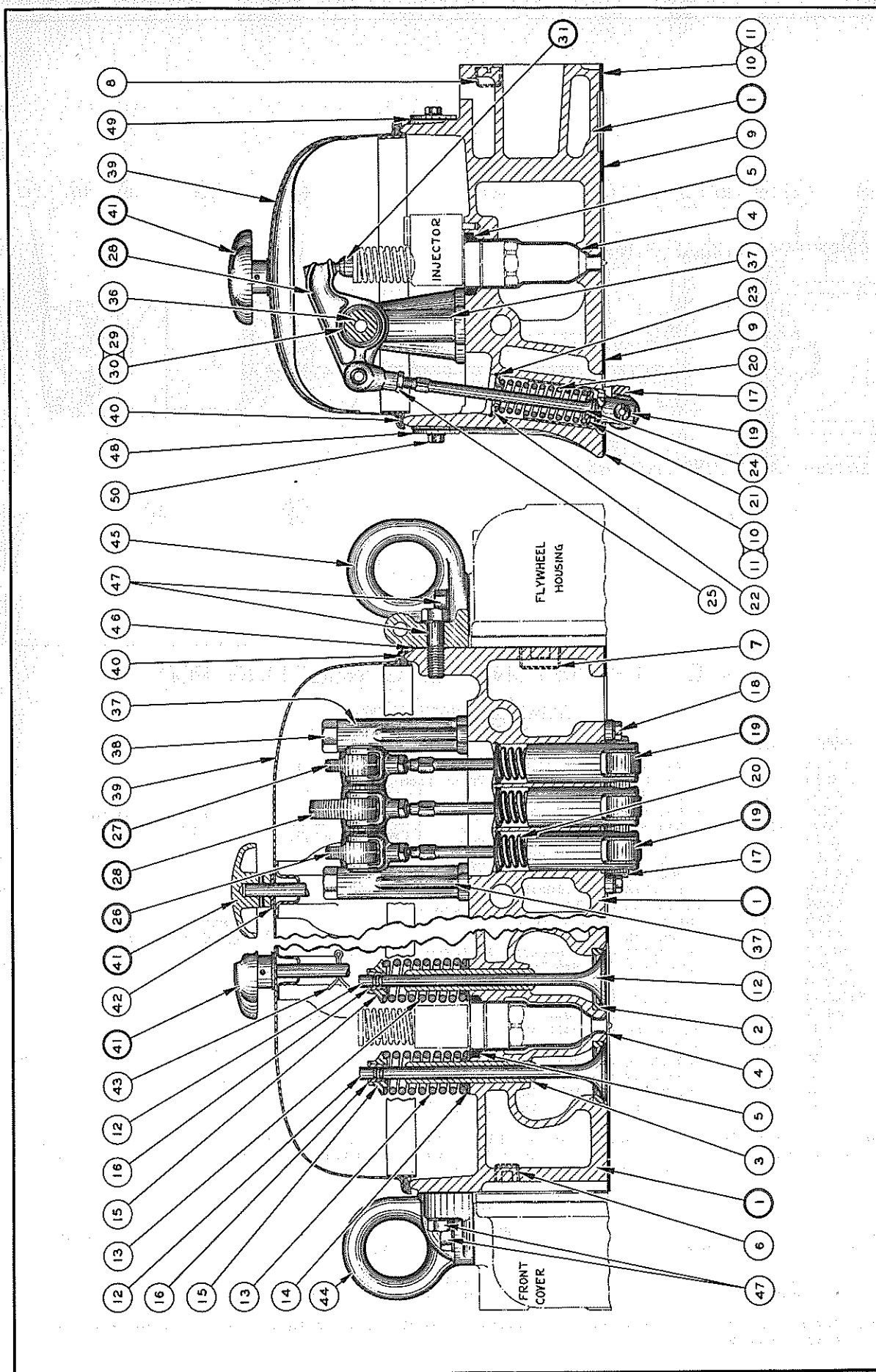
In view of the removable sleeve construction of this engine, oversize Pistons or Rings are not supplied. When appreciable wear occurs, new standard size parts should be installed. Owners may take advantage of the special offer on the Engine Repair Kit listed below:

ENGINE REPAIR KIT #041783

1 - 5151595 Cylinder Liner	1 - 5153590 Piston Pin	2 - 5150105 Oil Control Ring
1 - 5154419 Piston Assembly	4 - 5154144 Compression Ring	

The individual parts of this Kit are marked for identification purposes and cannot be returned for credit except as a complete unit, in the original box, and with the parts in good condition and free of rust.

Oversize Piston Pins are not available. New standard size Pins and Bushings should be installed when appreciable wear occurs.



CYLINDER HEAD AND VALVE ACTION

(See Plate 4)

Item	Part Number	Qty.	Name	
1	5151267	1	Cylinder Head Assembly (Includes items 2 to 8; also Manifold and Injector Studs)	
2	5151741	12	Exhaust Valve Insert	
3	5150288	12	Exhaust Valve Guide	
4	5150041	6	Injector Hole Tube	In item 1
5	5150575	6	Injector Hole Tube Packing	
6	904260	2	Pipe Plug 3/8 Ctsk.	
7	913044	4	Brass Pipe Plug 3/4" Ctsk.	
8	913049	2	Brass Pipe Plug 3/8" Slotted	
9	5150045	1	Cylinder Head Gasket	
10	5153979	2	Cylinder Head Oil Gasket - Side Piece	
11	5153976	2	Cylinder Head Oil Gasket - End Piece	
12	5153737	12	Exhaust Valve	
13	5150289	12	Exhaust Valve Spring	
14	5150292	12	Valve Spring Seat	
15	5150291	12	Valve Spring Cap	
16	5150290	24	Valve Spring Cap Lock (Half only)	
17	5150298	6	Cam Roller Guide	
18	{ 905656	12	Hex Capscrew 1/4" N.C. x 5/8"	
	{ 904204	12	Lockwasher 1/4"	
19	5150293	18	Cam Roller Follower Assembly (Separate parts are not serviced)	
20	5150301	18	Cam Follower Spring	
21	5150300	18	Cam Follower Spring Seat - Lower	
22	5150302	18	Cam Follower Spring Seat - Upper	
23	5150303	18	Upper Spring Seat Retainer	
24	5150299	18	Push Rod	
25	5151601	18	Push Rod Lock Nut	
26	5150304	6	Valve Rocker Arm and Clevis Assembly - Left	Include items 29 and 32 to 35 inclusive
27	5150305	6	Valve Rocker Arm and Clevis Assembly - Right	
28	5150315	6	Injector Rocker Arm and Clevis Assembly (Includes items 30 to 35 incl.)	
29	5150310	12	Valve Rocker Arm Bushing - Large (In items 26 and 27)	
30	5150318	6	Injector Rocker Arm Bushing - Large	In item 28
31	5150319	6	Injector Rocker Arm Ball and Seat Assembly	
32	5150312	18	Push Rod Clevis	In items 26, 27 and 28. Not serviced separately.
33	5150314	18	Push Rod Clevis Pin	
34	5150313	18	Push Rod Clevis Pin Bushing	
35	5150311	18	Rocker Arm Bushing - Small	
36	5150322	6	Rocker Shaft	
37	5150324	12	Rocker Shaft Bracket	
38	5150325	12	Rocker Shaft Bracket Bolt	
39	5150383	1	Rocker Arm Cover	
40	5150329	1	Rocker Arm Cover Gasket	
41	5150330	4	Rocker Arm Cover Bolt Assembly (1-knob; 1-stud; 1-pin)	
42	5150333	4	Rocker Arm Cover Bolt Washer	
43	900806	4	Cotter Pin 1/8" x 1"	
44	5150050	1	Engine Lifter Bracket - Front	
45	5150051	1	Engine Lifter Bracket - Rear	
46	5150052	2	Engine Lifter Bracket Gasket	
47	{ 041918	8	Hex Capscrew 7/16" N.C. x 1-1/2"	
	{ 904207	8	Lockwasher 7/16"	
48	5150268	2	Governor Hole Cover	
49	5150269	2	Governor Hole Cover Gasket	
50	{ 905655	4	Hex Capscrew 1/4" N.C. x 1/2"	
	{ 904204	4	Lockwasher 1/4"	

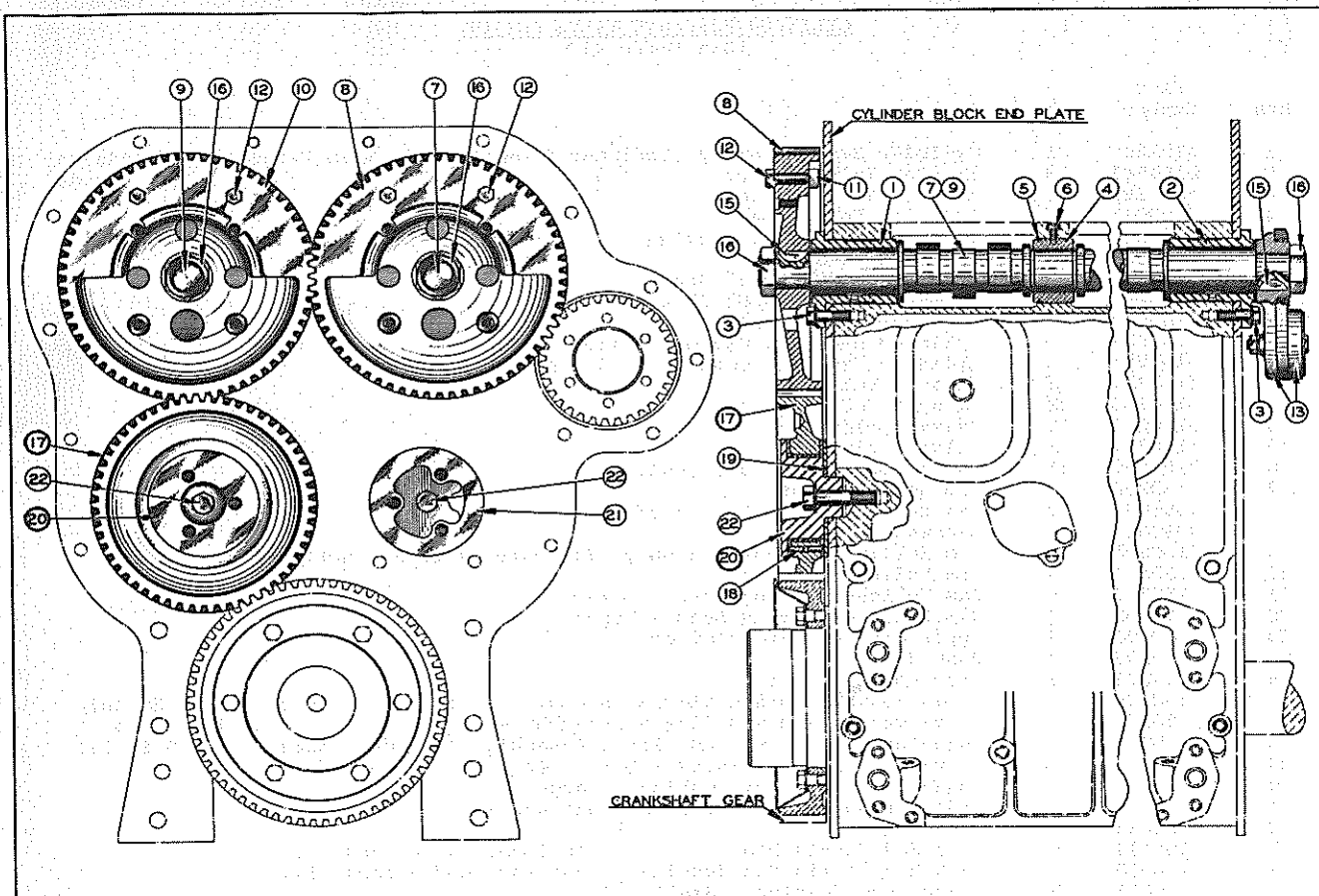


PLATE 5 - CAMSHAFT, BALANCE SHAFT AND IDLER GEAR

CAMSHAFT, BALANCE SHAFT AND IDLER GEAR
(See Plate 5)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	5153951	2	Camshaft and Balance Shaft End Bearing - Plain
2	5153954	2	Camshaft and Balance Shaft End Bearing - Grooved
3	13058	12	Hex Capscrew 3/8" N.C. x 1-1/4"
	910804	12	Lockwasher 3/8" Heavy
4	5150025	10	Camshaft Intermediate Bearing (Half only)
5	5150026	10	Camshaft Intermediate Bearing Lock Ring
6	5150027	5	Camshaft Intermediate Bearing Lock Bolt
7	5151988	1	Camshaft
8	5150379	1	Camshaft Gear
9	5150397	1	Balance Shaft
10	5150380	1	Balance Shaft Gear
11	5150090	4	Rear Balance Weight (Small)
12	U-3188	4	Capscrew 3/8" x 1-1/2"
13	5150074	2	Front Balance Weight Assembly (Separate parts are not serviced)
14	905126	4	#15 Woodruff Key (Discontinued on engine #671962)
15	5153914	4	Special Low Woodruff Key (Effective with engine #671962)
16	5154318	4	Nut
17	5152814	1	Idler Gear Assembly (Includes item 18. Bushing is not serviced separately)
18	040398	2	Dowel Pin 3/16" x 1/2" (In item 17)
19	5150273	1	Idler Gear Spacer
20	5150274	1	Idler Gear Hub and Dowel Assembly
21	5150277	1	Spacer and Dowel Assembly
22	AM-8801	2	Hex Capscrew 1/2" N.C. x 2"
	910806	2	Lockwasher 1/2"

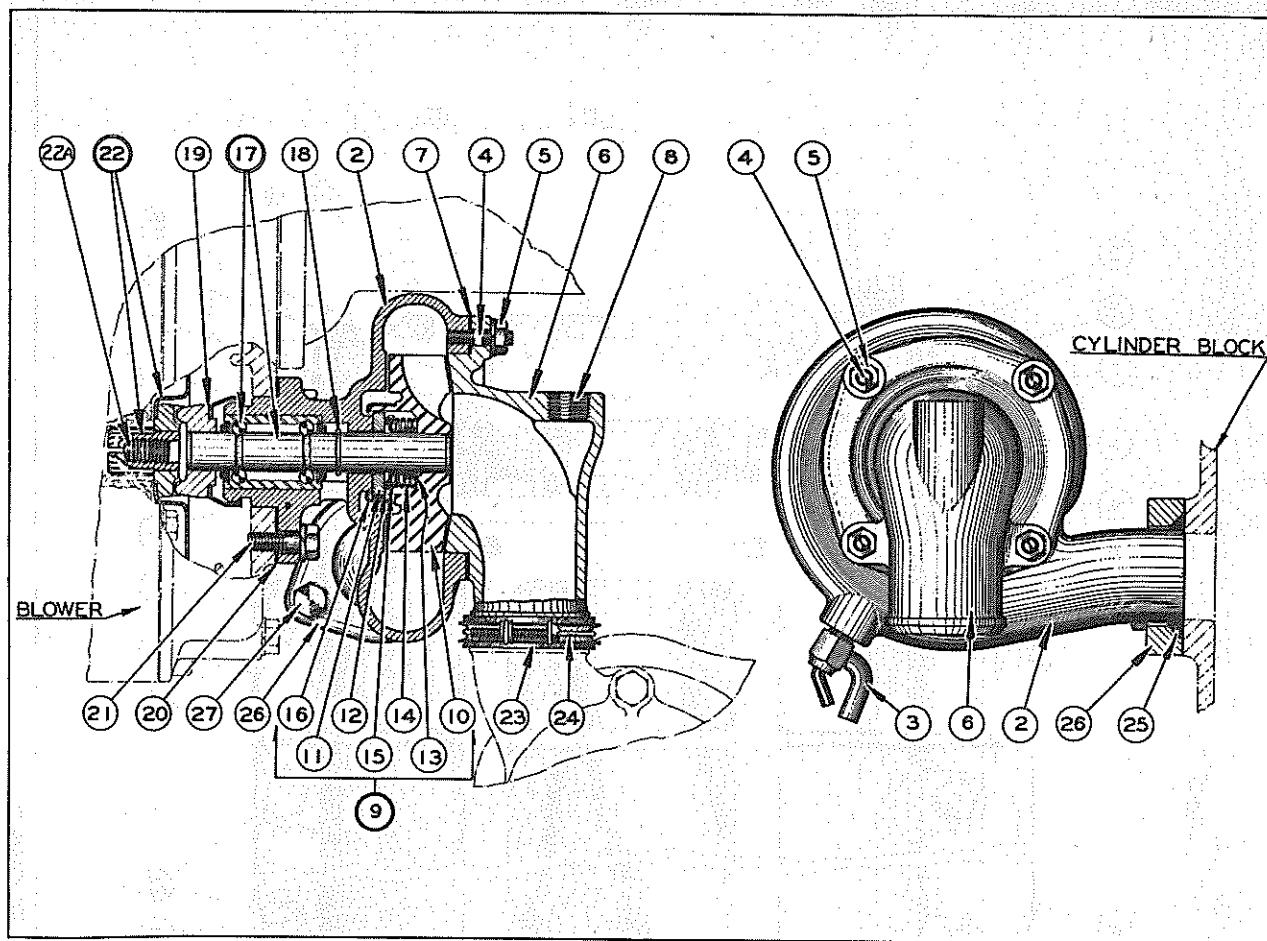


PLATE 6 - WATER PUMP

WATER PUMP
(See Plate 6)

Item	Part Number	Qty.	Name
1	5151410	1	Water Pump Assembly (Consists of items 2 to 19 inclusive)
2	5150438	1	Water Pump Body
3	1292039	1	Drain Cock
4	5150182	4	Water Pump Body Cover Stud
5	911040	4	Hex Nut 1/4" N.F.
	910802	4	Lockwasher 1/4"
6	5150187	1	Water Pump Body Cover
7	5150188	1	Water Pump Body Cover Gasket
8	904260	1	Pipe Plug 3/8" Countersunk
9	5151412	1	Water Pump Impeller and Seal Assembly (Items 10 to 16 inclusive)
10	5151411	1	Water Pump Impeller only
11	5153443	1	Water Pump Seal Washer
12	040428	1	Water Pump Seal (Neoprene)
13	040429	1	Water Pump Seal Clamp Ring
14	040430	1	Water Pump Seal Spring
15	040431	1	Water Pump Seal Spring Guide
16	5153474	1	Water Pump Seal Retaining Cup
17	042988	1	Water Pump Shaft and Bearing Assembly
18	5150184	1	Water Pump Shaft Snap Ring
19	5153682	1	Water Pump Shaft Coupling
20	5150193	1	Water Pump Gasket
21	903771	3	Hex Capscrew 5/16" N.C. x 7/8" } Pump to Blower
	910803	3	Lockwasher 5/16"
22	5150858	1	Water Pump Drive Coupling and Shaft Assembly (Separate parts are not serviced)
22A	913256	1	Set Screw 3/8" N.C. x 5/8" Long (In item 22)
23	5153560	1	Water Pump Inlet Seal (Neoprene)
24	5153756	1	Hose Clamp 2-3/16" Diameter
25	5150191	1	Water Pump Outlet Packing
26	5150192	1	Water Pump Outlet Packing Flange
27	905662	2	Hex Capscrew 5/16" N.C. x 1-1/8"

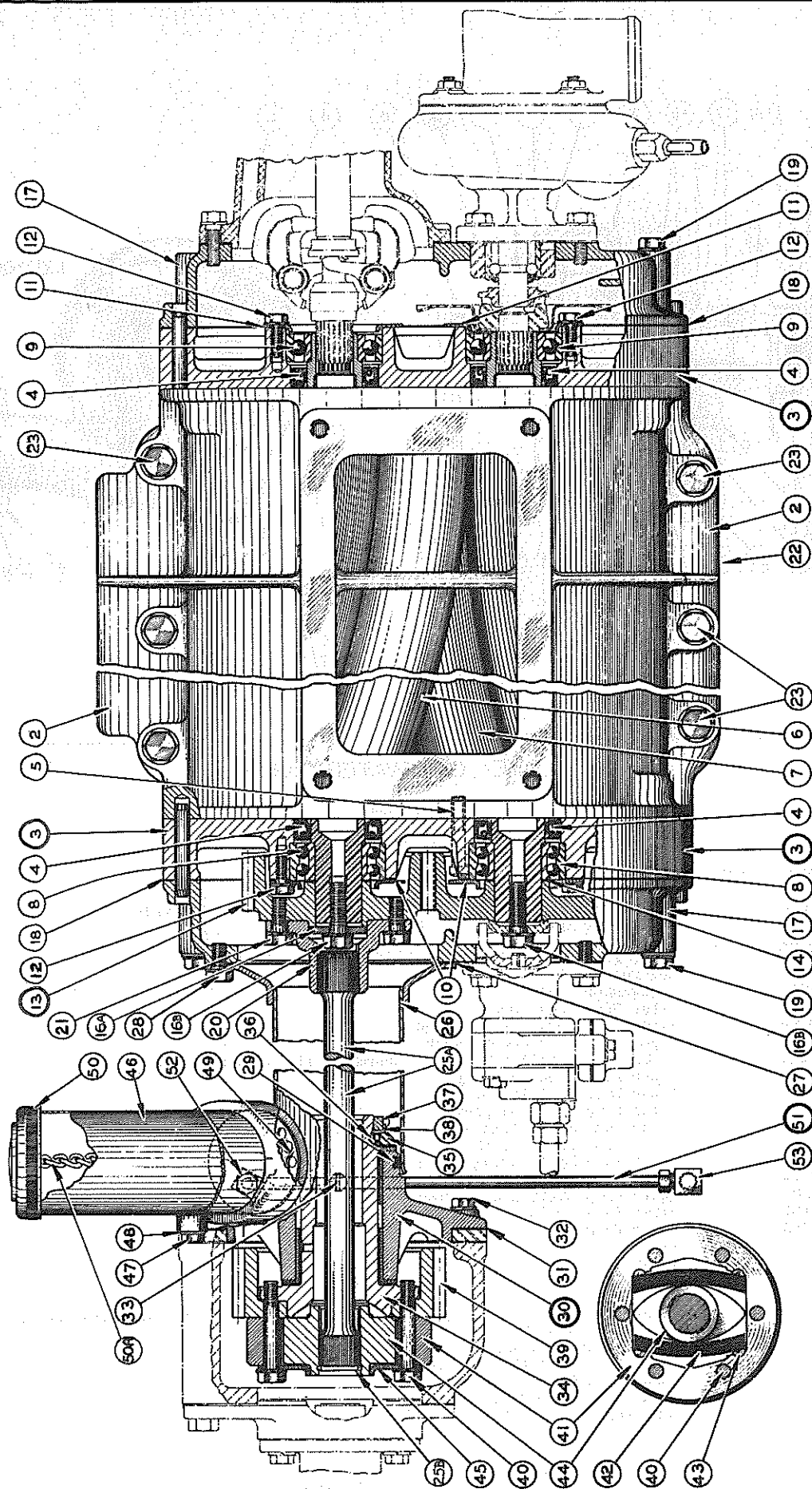


PLATE 7 - BLOWER

BLOWER
(See Plate 7)

Item	Part Number	Qty.	Name
1	5150504	1	Blower Assembly (Consists of items 2 to 21; also Water Pump Drive Coupling)
2	5150202	1	Blower Housing
3	5150218	2	Blower End Plate Assembly (Includes item 4, and two dowels)
4	5150220	4	Blower End Plate Oil Seal (In item 3)
5	901240	4	Fillister Head Capscrew 5/16" N.C. x 1-1/2"
6	5150207	1	Blower Rotor - Right Helix
7	5150208	1	Blower Rotor - Left Helix
8	042991	2	Ball Bearing (Rear)
9	042986	2	Ball Bearing (Front)
10	5150863	2	Bearing Retainer - Front
11	5150222	2	Bearing Retainer - Rear
12	903625	12	Hex Capscrew 1/4" N.C. x 3/4"
13	910802	12	Lockwasher 1/4"
14	5153334	1	Blower Rotor Gear Set (Gears are matched. Not serviced separately)
	5150372		Blower Rotor Gear Shim .002" Thick
	5153938		Blower Rotor Gear Shim .003" Thick
	5150855		Blower Rotor Gear Shim .005" Thick
	5150856		Blower Rotor Gear Shim .010" Thick
15	5150230	1	Retaining Washer 3/8" Dia. Hole
16	913017	2	Hex Capscrew 3/8" N.F. x 1"
16A	910804	2	Lockwasher 3/8"
16B	5154400	1	Retaining Washer 1/2" Dia. Hole
	5154399	2	Hex Capscrew 1/2" N.F. x 1-1/4"
	5154398	2	Special Lockwasher
17	5150233	2	End Plate Cover
18	5150234	2	End Plate Cover Gasket
19	040378	20	Hex Capscrew 5/16" N.C. x 3-1/2"
	910803	20	Lockwasher 5/16"
20	5150231	1	Blower Gear Drive Hub
21	910167	6	Hex Capscrew 5/16" N.F. x 3/4"
	910803	6	Lockwasher 5/16"
22	5150237	1	Blower Gasket
23	041916	8	Capscrew 7/16" x 2"
	5150238	8	Plain Washer 7/16"
24	5150241	1	Blower Drive Shaft 12" Long
25	5150242	1	Blower Drive Shaft Ring
25A	5154640	1	Blower Drive Shaft 11" Long
25B	5154637	1	Blower Drive Shaft Ring
26	5150841	1	Blower Drive Cover
27	5150246	1	Blower Drive Cover Gasket
28	903626	6	Hex Capscrew 5/16" N.C. x 3/4"
	910803	6	Lockwasher 5/16"
29	5151151	1	Blower Drive Cover Packing
30	5150283	1	Blower Drive Gear Support Assembly (Bushings are not serviced separately)
31	5150286	1	Blower Drive Gear Support Gasket
32	5153347	2	Hex Capscrew 3/8" x 13/16"
	910804	2	Lockwasher 3/8"
33	910230	1	Pipe Plug 1/8" Slotted
34	5150279	1	Blower Drive Gear Hub
35	5150280	1	Thrust Washer
36	912738	1	Steel Ball 7/32" Diameter
37	5152804	1	Lock Nut
38	5150281	1	Lockwasher
39	5150522	1	Blower Drive Gear
40	5150350	6	Blower Drive Coupling Bolt 5/16" x 2"
	910803	6	Lockwasher 5/16"
41	5150345	1	Blower Drive Coupling Hub
42	5150347	42	Blower Drive Coupling Spring
43	5150346	4	Blower Drive Coupling Spring Seat
44	5150348	1	Blower Drive Coupling Cam
45	5150349	1	Blower Drive Coupling Retainer
46	5151879	1	Oil Filler Tube
47	905660	1	Hex Capscrew 5/16" N.F. x 1/2"
48	040401	1	Copper Gasket 5/16"
49	5150147	1	Oil Filler Strainer
50	5156498	1	Oil Filler Cap with Gasket
50A	5151373	1	Oil Filler Cap Chain (Effective with engine #6713244)
51	5150433	1	Blower Drive Bearing Oil Pipe Assembly
52	913039	1	Elbow Fitting 1/8" Pipe Thd - 1/4" Tube
53	913040	1	Elbow Fitting 1/4" Pipe Thd - 1/4" Tube

GOVERNOR
(See Plate 8)

1	5153204	1	Governor Assembly (Includes items 2 to 63 inclusive)
2	5150916	1	Governor Weight Housing
3	5154697	1	Governor Weight and Carrier Assembly (Separate parts are not serviced)
4	5151616	1	Governor Riser Assembly (1-tube; 2-ends)
5	042989	1	Governor Shaft Thrust Bearing
6	040391	1	Ball Bearing
7	5150911	1	Snap Ring

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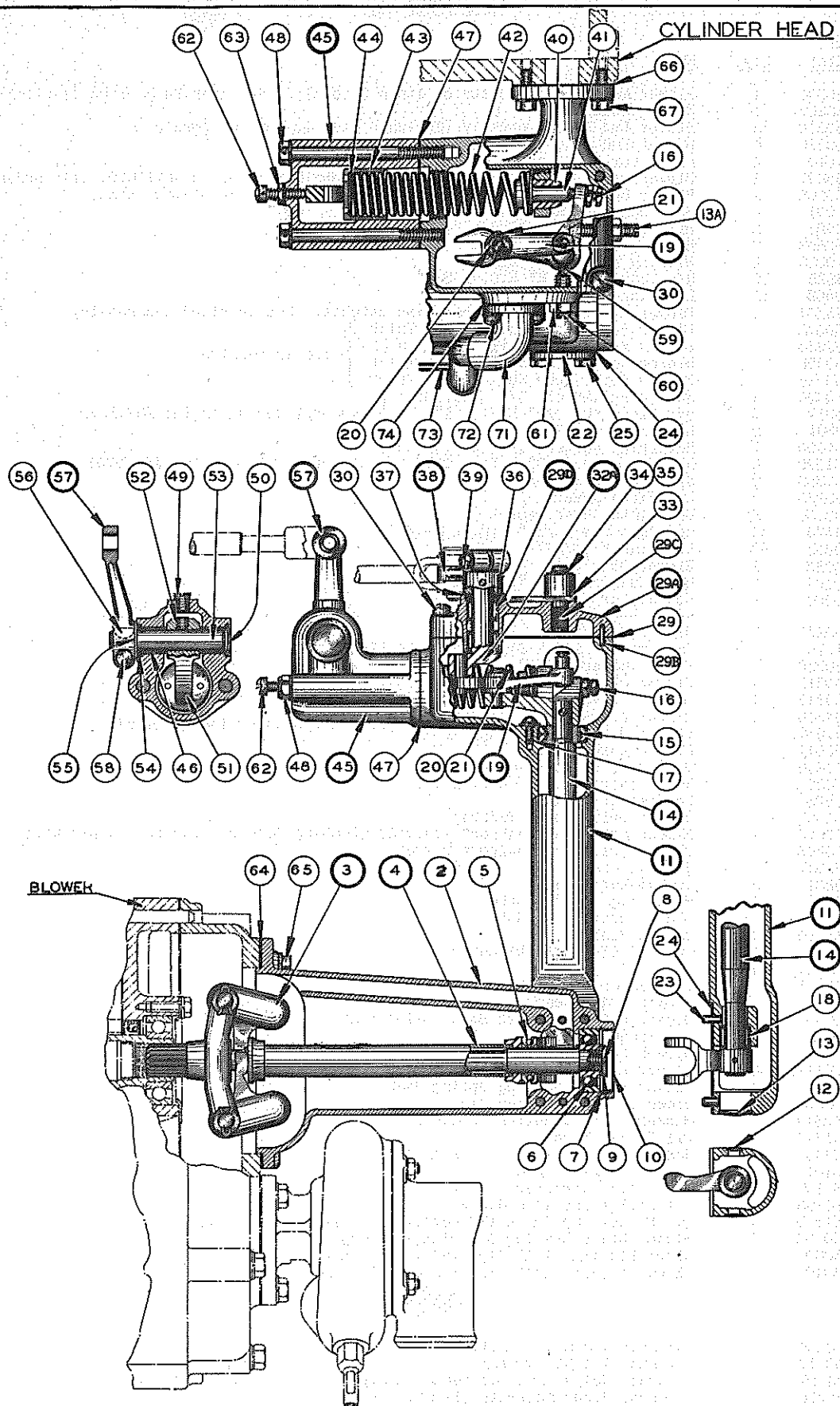


PLATE 8 - GOVERNOR

GOVERNOR (Continued)			
Item	Part Number	Qty.	Name
8	5150884	1	Retainer Screw
9	5150897	1	Retainer Screw Lockwasher
10	5150906	1	Housing End Cap
11	5153170	1	Governor Control Housing Assembly (Includes items 12 to 21 inclusive)
12	913041	2	Expansion Plug 3/8" Diameter
13	910002	1	Expansion Plug 3/4" Diameter
13A	5154881	1	Load Limit Screw
	910980	1	Hex Jam Nut 5/16" N.F. } Effective with engine #6712142
14	5150913	1	Governor Operating Shaft Assembly (1-shaft; 1-yoke; 1-lever; and items 15 and 16)
15	042990	1	Ball Bearing - Upper
16	5150898	1	Governor Adjusting Screw } In item 14
	910267	1	Hex Jam Nut 1/4" N.F. }
	913048	1	Machine Screw #10-24 x 7/16" - Round Head
17	910801	1	Lockwasher #10
	910243	1	Flat Washer #10
18	043021	1	Needle Bearing - Lower
19	5150394	1	Differential Lever and Pin Assembly
20	5150941	1	Differential Lever Washer
21	040403	1	Differential Lever Pin Clip
22	5150266	1	Governor Weight Housing Cover
23	5150942	2	Governor Weight Housing Dowel
24	5150890	2	Governor Weight Housing Gasket
25	913299	4	Hex Capscrew 1/4" N.C. x 2-1/4" (Plain)
	910802	4	Lockwasher 1/4"
26	5153062	1	Control Housing Cover Assembly (Not serviced. Order items 29A, 29D and 32A) }
27	040397	2	Control Housing Cover Dowel } In item 26
28	5150951	1	Control Housing Cover Shaft }
29	5153058	1	Control Housing Cover Bushing }
29A	5153862	1	Control Housing Cover Assembly (Includes items 29B and 29C) }
29B	040397	2	Control Housing Cover Dowel } In item 29A
29C	5150951	1	Control Housing Cover Shaft }
29D	043021	2	Needle Bearing }
30	5150889	1	Control Housing Cover Gasket
31	5153407	4	Fillister Head Capscrew 1/4" N.C. x 7/8"
	910802	4	Lockwasher 1/4"
32	5153064	1	Governor Shut-off Lever Assembly (Discontinued on engine #6711266. 1-lever;
32A	5153866	1	Governor Shut-off Lever Assembly (Effective with 1-shaft; 3-pins) engine #6711266. Consists of 1-lever; 1-shaft; 3-pins. Not serviced separately)
33	5152942	1	Governor Shut-off Lever Stop
34	5150946	1	Washer
35	040403	1	Clip
36	5153059	1	Shut-off Shaft Packing
37	5153060	2	Shut-off Shaft Packing Retainer (1 used on engines prior to #6711266)
38	5154448	1	Shut-off Lever Assembly (1-lever; 1-bushing. Not serviced separately)
39	905657	1	Hex Capscrew 1/4" N.C. x 1"
	910802	1	Lockwasher 1/4"
40	5152939	1	Variable Speed Spring Plunger Guide
41	5152938	1	Variable Speed Spring Plunger
42	5152940	1	Variable Speed Spring
43	5152941	1	Variable Speed Spring Retainer
44	5152962	1	Variable Speed Spring Washer .015" Thick } Use as required
	5153904	1	Variable Speed Spring Washer .078" Thick }
45	5153003	1	Variable Speed Spring Housing Assembly (Includes item 46)
46	5153004	2	Variable Speed Spring Housing Bushing (In item 45)
47	5152944	1	Variable Speed Spring Housing Gasket
48	5153405	2	Hex Capscrew 5/16" N.C. x 3-1/2"
	910803	2	Lockwasher 5/16"
49	040389	1	Pipe Plug 1/8" Slotted
50	910002	1	Expansion Plug 3/4" Diameter
51	5153002	1	Variable Speed Spring Lever
52	5152239	1	Set Screw 5/16" x 1/2"
53	5153005	1	Variable Speed Lever Shaft
54	5153007	1	Variable Speed Lever Shaft Packing
55	5152932	1	Packing Washer
56	910173	1	#2 Woodruff Key 3/32" x 1/2"
57	5151519	1	Variable Speed Operating Lever
58	905657	1	Hex Capscrew 1/4" N.C. x 1"
	910802	1	Lockwasher 1/4" Heavy
59	5152929	1	Governor Buffer Spring
60	5152928	1	Governor Buffer Spring Screw
61	911048	1	Hex Thin Nut 3/8" N.F.
62	903625	1	Hex Capscrew 1/4" N.C. x 3/4"
63	911327	1	Hex Thin Nut 1/4" N.C.
64	5150246	1	Gasket
65	903771	6	Hex Capscrew 5/16" N.C. x 7/8" } Governor to Blower
	910803	6	Lockwasher 5/16" }
66	5150269	1	Gasket
67	903625	2	Hex Capscrew 1/4" N.C. x 3/4" } Governor to Cylinder Head
	910802	2	Lockwasher 1/4" }
68	5152964	1	Governor Breather Pipe 5/8" Diameter
69	901217	2	Fillister Head Capscrew #10-24 x 5/8" } Discontinued on engine #6711572. Item 68 not serviced. Order items 71, 72 and 73.
	040388	2	Lockwasher #10 }
70	040404	1	Breather Pipe Clip
71	5154558	1	Governor Breather Pipe 7/8" Diameter
72	903647	2	Fillister Head Capscrew #10-24 x 1-1/4" } Effective with engine #6711572
	910801	2	Lockwasher #10 }
73	042608	1	Breather Pipe Clip
74	5150900	1	Governor Breather Pipe Gasket

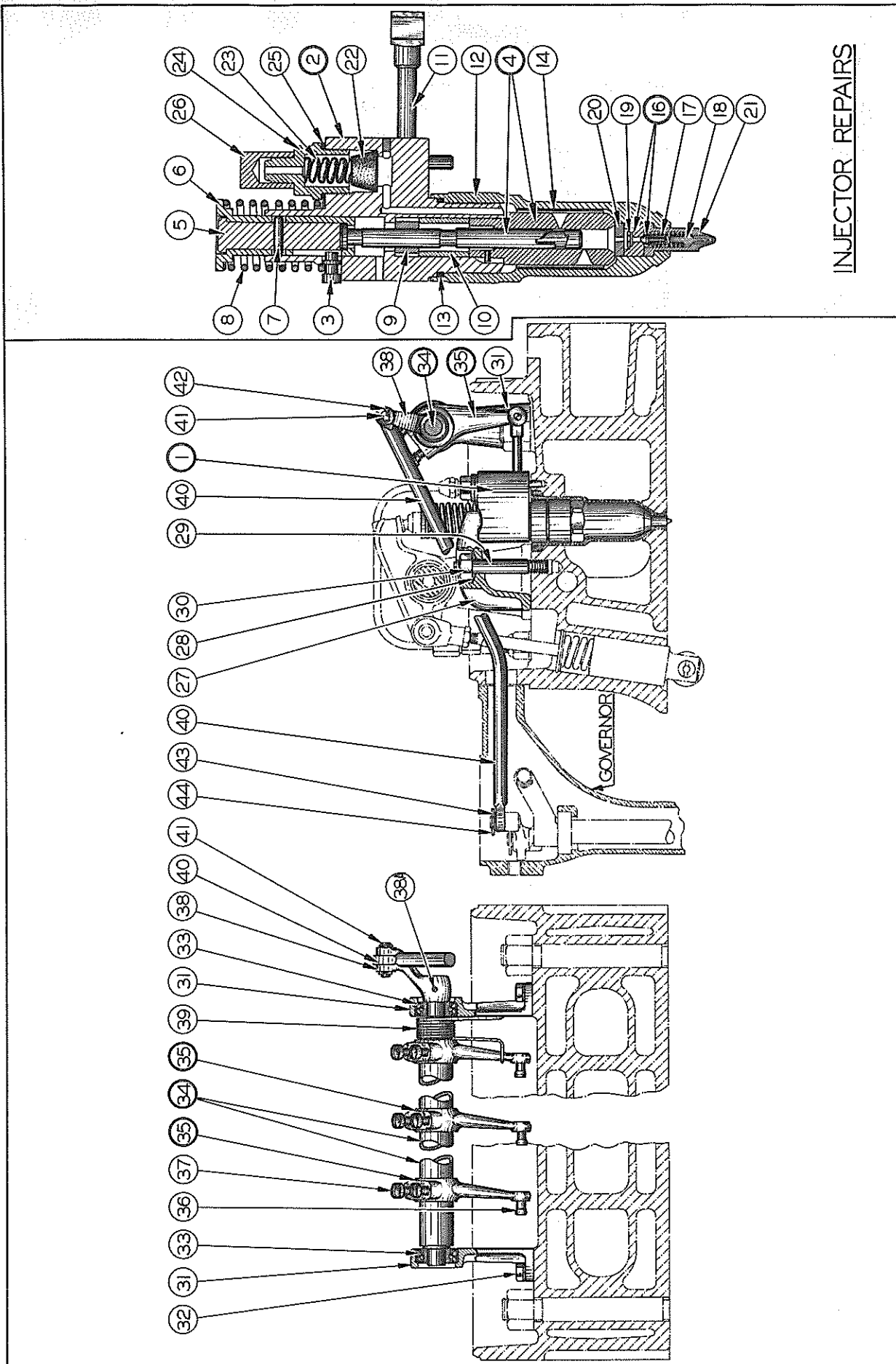
FUEL PUMP (See Plate 9)			
Item	Part Number	Qty.	Name
<u>FIRST TYPE FUEL PUMP</u> - Discontinued on engine #6711070.			
1	5150414	1	Fuel Pump Assembly (Not serviced. Order item 22)
2	5151492	1	Fuel Pump Rotor Housing
3	5151495	1	Fuel Pump Cover Assembly (Bushing is not serviced separately)
4	5151507	1	Fuel Pump Cover Gasket
5	5151497	1	Fuel Pump Drive Housing Assembly (Includes item 6. Bushing not serviced separately)
6	5230007	2	Fuel Pump Drive Housing Seal (In item 5)
7	5151508	1	Fuel Pump Drive Housing Gasket
8	{ 913034	2	Fillister Head Capscrew #10-32 x 7/8"
	{ 040388	2	Lockwasher #10 Internal Shakeproof
9	{ 913022	1	Hex Capscrew 1/4" N.C. x 1-7/8"
	{ 910802	1	Lockwasher 1/4"
10	{ 913023	2	Hex Capscrew 1/4" N.C. x 1-3/8"
	{ 910802	2	Lockwasher 1/4"
11	5151499	1	Fuel Pump Rotor and Shaft
12	5151496	2	Fuel Pump Rotor Vane
13	5151503	1	Fuel Pump Rotor Vane Spring
14	5151504	1	Rotor Vane Spring Guide
15	5152644	1	Fuel Pump Relief Valve Seat
16	5151506	1	Valve Seat Housing Gasket
17	5151510	1	Fuel Pump Relief Valve
18	5151505	1	Fuel Pump Relief Valve Spring
19	5152642	1	Relief Valve Housing
20	5152643	1	Relief Valve Housing Gasket
21	{ 905657	2	Hex Capscrew 1/4" N.C. x 1"
	{ 910802	2	Lockwasher 1/4"

<u>SECOND TYPE FUEL PUMP</u> - Effective with engine #6711070.			
22	5230031	1	Fuel Pump Assembly (Consists of items 23 to 39 inclusive)
23	5230050	1	Fuel Pump Body and Cover Assembly (Consists of 1-body; 1-front cover; 1-rear cover and items 3 and 4. Individual parts not serviced separately because of doweled fit)
24	5230029	2	Fuel Pump Dowel } In item 2
25	5230007	2	Oil Seal }
26	5230018	2	Fuel Pump Body Gasket
27	5230019	1	Fuel Pump Rotor
28	5230020	2	Rotor Vane
29	5230021	1	Rotor Vane Spring
30	5230022	1	Rotor Vane Spring Guide
31	5230010	1	Relief Valve Assembly
32	5230016	1	Relief Valve Spring (Small)
33	5230015	1	Relief Valve Cage
34	5230014	1	Relief Valve Retaining Spring (Large)
35	5230013	1	Relief Valve Retaining Screw
36	5226029	1	Relief Valve Retaining Screw Gasket
37	5230027	1	Hex Capscrew 1/4" N.C. x 2"
38	5230028	2	Hex Capscrew 1/4" N.C. x 1-1/4"
39	910802	3	Lockwasher 1/4"

<u>Fuel Pump Coupling Parts</u>			
40	5150193	1	Fuel Pump Gasket
41	{ 903626	3	Hex Capscrew 5/16" N.C. x 3/4" } Pump to Blower
	{ 910803	3	Lockwasher 5/16" }
42	5150199	1	Fuel Pump Coupling Fork
43	5150229	1	Fuel Pump Coupling Disc 3/8" Dia. Hole (Discontinued on engine #6711670)
43A	5154401	1	Fuel Pump Coupling Disc 1/2" Dia. Hole (Effective with engine #6711670)

FUEL FILTER (See Plate 9)			
44	040807	1	Fuel Filter Assembly - AC #1503621 (Includes items 45 to 56 inclusive)
45	040895	1	Fuel Filter Head
46	911081	2	Slotted Pipe Plug 1/4"
47	040899	1	Air Bleeder Valve Assembly
48	040897	1	Retaining Screw
49	040896	1	Retaining Screw Gasket
50	040893	1	Fuel Filter Element Package #T-13 (Includes items 51 and 55)
51	040889	1	Fuel Filter Element Gasket - Lower (In item 50)
52	040890	1	Washer
53	040891	1	Spring
54	040888	1	Fuel Filter Case
55	040894	1	Fuel Filter Case Gasket (Included with item 50)
56	040892	1	Fuel Filter Drain Cock
57	{ 35439	2	Capscrew 3/8" x 1"
	{ 910804	2	Lockwasher 3/8" Heavy
58	040751	1	Fuel Line with Nuts 21" Long (Pump to Filter)
59	040796	1	Tube Clip
60	040749	1	Fuel Line with Nuts 7" Long (Filter to Manifold)
61	040744	4	Half Union

<u>FUEL MANIFOLDS</u> (See Plate 9)			
62	5150562	1	Fuel Manifold - Upper
63	5150561	1	Fuel Manifold - Lower
64	040390	2	Pipe Plug 1/4" Square Head (Plated)
65	5150566	12	Fuel Manifold Connector and Nut (Includes item 66)
66	5150565	12	Fuel Manifold Connector Nut (In item 65)
67	5150568	12	Fuel Manifold Connector Washer
68	5151121	12	Injector Fuel Pipe Assembly (1-pipe; 2-nuts)



INJECTOR REPAIRS

PLATE 10 - INJECTORS AND CONTROL

INJECTOR GROUP
(See Plate 10)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	5226710	6	Injector Assembly (Includes items 2 to 26 inclusive)
2	5226913	6	Injector Body Assembly (1-body; 1-plug; 1-dowel. Separate parts are not serviced)
3	5226717	6	Injector Stop Pin
4	5226560	6	Injector Plunger and Bushing (Separate parts are not serviced)
5	5226394	6	Injector Follower
6	5226723	6	Injector Follower Guide
7	5226397	6	Injector Follower Guide Pin
8	5226396	6	Injector Follower Spring
9	5226400	6	Injector Plunger Gear
10	5226567	6	Injector Plunger Gear Retainer
11	5226719	6	Injector Control Rack
12	5226563	6	Injector Nut
13	5226564	6	Injector Seal Ring
14	5226565	6	Injector Spill Deflector
16	5226901	6	Spherical Valve and Seat Assembly (Not serviced separately)
17	5226409	6	Spherical Valve Spring
18	5226410	6	Spherical Valve Stop
19	5226411	6	Injector Check Valve (Disc)
20	5226570	6	Injector Check Valve Spacer
21	5226407	6	Injector Spray Tip
22	5226888	12	Injector Filter Element
23	5226415	12	Injector Filter Spring
24	5226413	12	Injector Filter Cap
25	5226186	12	Injector Filter Cap Gasket
26	5226414	12	Injector Shipping Cap
27	5150249	6	Injector Clamp
28	5150250	6	Injector Clamp Washer
29	5150251	6	Injector Clamp Stud
30	911041	6	Hex Nut 3/8" N.F.

INJECTOR CONTROL
(See Plate 10)

31	5150264	2	Injector Control Tube Bracket
32	903625	4	Hex Capscrew 1/4" N.C. x 3/4"
32	910802	4	Lockwasher 1/4"
33	042987	2	Ball Bearing
34	5150585	1	Injector Control Tube Assembly (1-tube; 2-end pins)
35	5150260	6	Rack Control Lever Assembly (Includes items 36 and 37)
36	5150033	6	Rack Control Lever Pin
37	5153618	12	Fillister Head Capscrew 1/4" x 3/4" } In item 35
38	5150263	1	Control Tube Lever
38A	910274	1	Groove Pin 1/8" x 3/4"
39	5150994	1	Control Tube Spring
40	5150990	1	Governor Control Link
41	5150265	1	Governor Control Link Pin
42	900970	2	Cotter Pin 1/16" x 1/2"
43	5150941	1	Governor Control Link Washer
44	040403	1	Clip

FUEL TANK AND LINES

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>	
FIRST TYPE - Discontinued on tractor HD14-321. (See Plate 11)				
1	040597	1	Fuel Tank (See Service Note below)	
2	71545	1	Fuel Tank Cap	
3	U-2964	1	Fuel Tank Cap Gasket (In item 2)	
4	040691	1	Fuel Tank Gauge	
5	35014	2	Capscrew 5/8" x 1-1/2"	
	911044	2	Hex Nut 5/8" N.F.	
	910808	2	Lockwasher 5/8" Heavy	
6	23465	4	Capscrew 5/8" x 1-5/8"	
	911044	4	Hex Nut 5/8" N.F.	
	910808	4	Lockwasher 5/8" Heavy	
7	040607	1	Fuel Strainer Gasket	
8	040809	1	Fuel Strainer Assembly (Includes items 9 to 20 inclusive)	
9	040604	1	Strainer Base Assembly (Includes items 10 and 11)	
10	040606	4	Strainer Cover Stud	In item 9
11	040603	1	Strainer Element Stud	
12	032132	1	Strainer Drain Cock	
13	040025	1	Strainer Filter Element	
14	040605	1	Strainer Sleeve Valve	
14A	042584	1	Stand Pipe	For special service to replace items 13 and 14
14B	042671	1	Stand Pipe Support	
15	040026	1	Nut	In item 8
16	040599	1	Strainer Sleeve Valve Cover	
17	040602	1	Cover Gasket	
18	040601	1	Cover Clamp Ring	
19	911041	2	Hex Nut 3/8" N.F.	
	910804	2	Lockwasher 3/8" Heavy	
20	36034	4	Capscrew 3/8" N.F. x 1"	
	910804	4	Lockwasher 3/8" Heavy	
21	040810	1	Fuel Shut-off Cock	
22	040744	4	Half Union	
23	040747	1	Fuel Line with Nuts 83-1/2" Long - Tank to Pump (Rear Section)	
24	040796	4	Tube Clip	
25	36032	4	Capscrew 3/8" x 3/4"	
	911041	4	Hex Nut 3/8" N.F.	
	910804	4	Lockwasher 3/8" Heavy	
26	040743	1	Tube Union	
27	040808	2	Tube Clamp	
28	45174	2	Capscrew 3/8" x 2-1/2"	
	910804	2	Lockwasher 3/8" Heavy	
29	040752	1	Fuel Line with Nuts 16" Long - Tank to Pump (Front Section)	
30	040742	1	Fuel Return Line Elbow	
31	040748	1	Fuel Return Line with Nuts 20" Long (Front Section)	
32	040743	2	Union Fitting	
33	040750	1	Fuel Return Line with Nuts 68-1/2" Long (Center Section)	
34	040811	4	Tube Clip	
35	040754	1	Fuel Return Line with Nuts 39-1/2" Long (Rear Section)	
36	040796	5	Tube Clip	
37	36032	3	Capscrew 3/8" x 3/4"	
	911041	3	Hex Nut 3/8" N.F.	
	910804	3	Lockwasher 3/8" Heavy	
38	040740	1	Female Coupling	
39	040755	1	Heater Pump Inlet Tube 44" Long with Nuts	
40	040743	1	Union Fitting	
41	040753	1	Heater Pump Inlet Tube 85-1/4" Long with Nuts	
42	040744	1	Half Union	
43	040795	1	Tube Clip	
44	040851	1	"ALLIS-CHALMERS" Transfer	For Rear of Fuel Tank
45	040852	1	"HD14 DIESEL" Transfer	

SERVICE NOTE: When replacement Fuel Tank is required for tractors prior to HD14-321, FUEL TANK SERVICE GROUP NO. 043325 should be ordered instead. This consists of the late type Fuel Tank with improved sediment sumps; also the late type Fuel Filter Arrangement.

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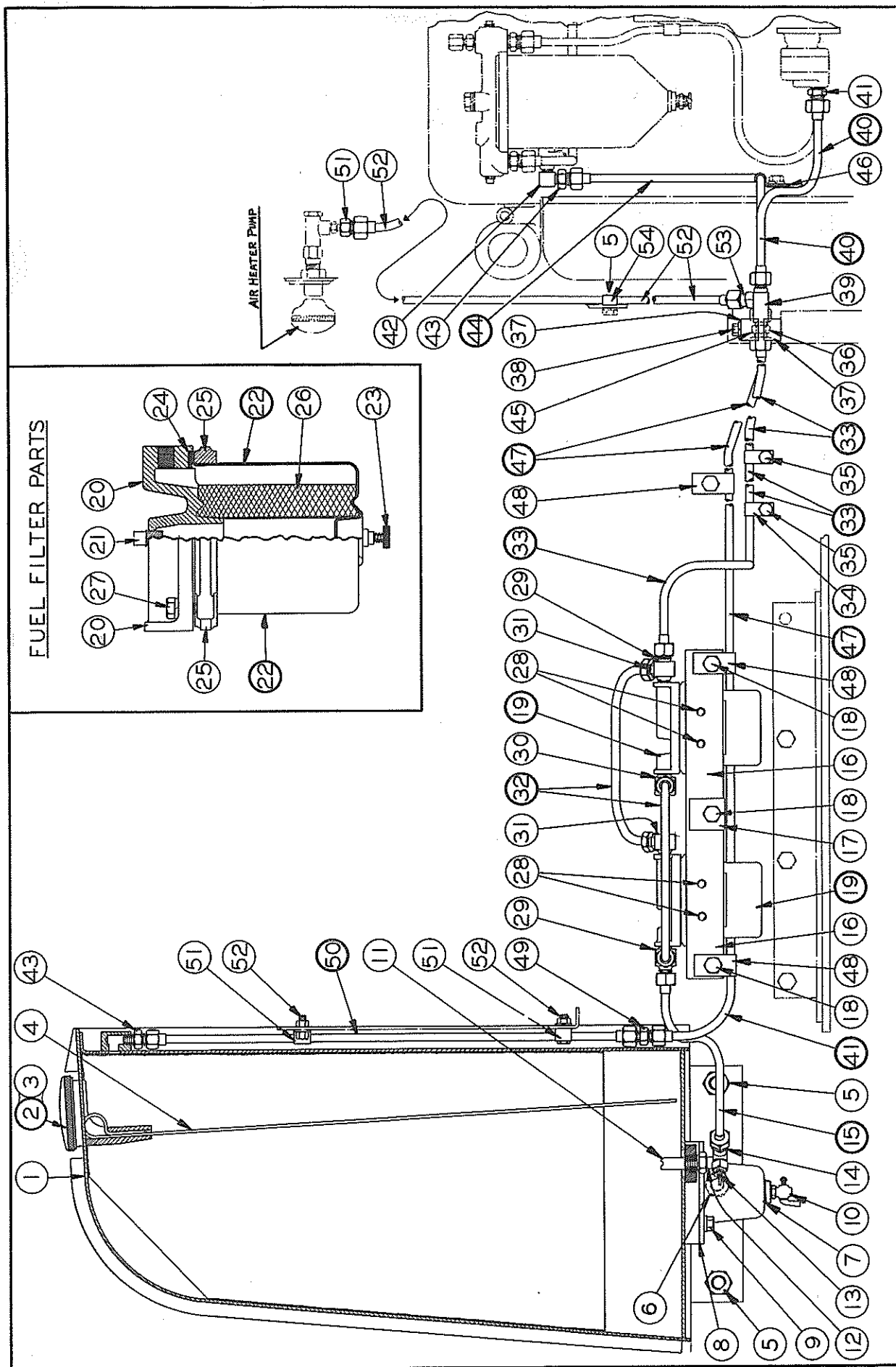


PLATE 11A-FUEL TANK AND LINES (SECOND TYPE)

FUEL TANK AND LINES (Continued)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>SECOND TYPE</u> - Effective with tractor HD14-321. (See Plate 11A)			
1	040597	1	Fuel Tank
2	71545	1	Fuel Tank Cap with Gasket
3	U-2964	1	Fuel Tank Cap Gasket (In item 2)
4	040691	1	Fuel Tank Gauge
5	35014	4	Capscrew 5/8" x 1-1/2"
	911044	4	Hex Nut 5/8" N.F.
	910808	4	Lockwasher 5/8" Heavy
6	35229	2	Capscrew 5/8" x 2"
	911044	2	Hex Nut 5/8" N.F.
	910808	2	Lockwasher 5/8" Heavy
7	042645	2	Sump
8	042641	2	Sump Gasket
9	35167	8	Capscrew 3/8" x 7/8"
	910804	8	Lockwasher 3/8" Heavy
10	032132	2	Drain Cock
11	042639	1	Outlet Bushing
12	041159	1	Elbow Fitting
13	040810	1	Shut-off Cock
14	040744	1	Half Union
15	043028	1	Fuel Line with Nuts 18" Long (Tank to Filters)
16	042573	1	Filter Support Bar
17	042576	1	Spacer
18	35018	3	Capscrew 1/2" x 1-1/2"
	911043	3	Hex Nut 1/2" N.F.
	910806	3	Lockwasher 1/2" Heavy
19	042606	2	Fuel Filter Assembly (Includes items 20 to 27 inclusive)
20	043127	2	Fuel Filter Head
21	901652	2	Pipe Plug 1/4" Standard
22	043128	2	Filter Shell Assembly (Includes item 23)
23	043132	2	Drain Screw (In item 22)
24	043130	2	Filter Gasket
25	043131	2	Clamp Ring
26	043129	2	Fuel Filter Element
27	905657	8	Hex Capscrew 1/4" N.C. x 1"
	910802	8	Lockwasher 1/4" Heavy
28	35167	4	Capscrew 3/8" x 7/8"
	910804	4	Lockwasher 3/8" Heavy
29	042575	2	Tee Fitting
30	041159	2	Elbow Fitting
31	040744	4	Half Union
32	042574	2	Fuel Line with Nuts 12-3/4" Long (Filter to Filter)
33	042605	1	Fuel Line with Nuts 50" Long - Filter to Pump (Rear Section)
34	040796	3	Tube Clip
35	36032	3	Capscrew 3/8" x 3/4"
	911041	3	Hex Nut 3/8" N.F.
	910804	3	Lockwasher 3/8" Heavy
36	040744	1	Half Union
37	040808	2	Tube Clamp
38	45174	2	Capscrew 3/8" x 2-1/2"
	910804	2	Lockwasher 3/8" Heavy
39	043026	1	Tee Fitting
40	043027	1	Fuel Line with Nuts 15" Long - Filter to Pump (Front Section)
41	040744	1	Half Union
42	040742	1	Fuel Line Return Elbow
43	040744	2	Half Union
44	040748	1	Fuel Return Line with Nuts 20" Long (Front Section)
45	040743	1	Union Fitting
46	040796	1	Tube Clip
47	040750	1	Fuel Return Line with Nuts 68-1/2" Long (Center Section)
48	043030	4	Tube Clip
49	040743	1	Union Fitting
50	042619	1	Fuel Return Line with Nuts 27-1/4" Long (Rear Section)
51	040740	1	Female Coupling
52	043029	1	Heater Pump Inlet Tube 40" Long with Nuts
53	040744	1	Half Union
54	040796	4	Tube Clip
55	36032	2	Capscrew 3/8" x 3/4"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
56	040851	1	"ALLIS-CHALMERS" Transfer
57	040852	1	"HD14 DIESEL" Transfer

In item 19

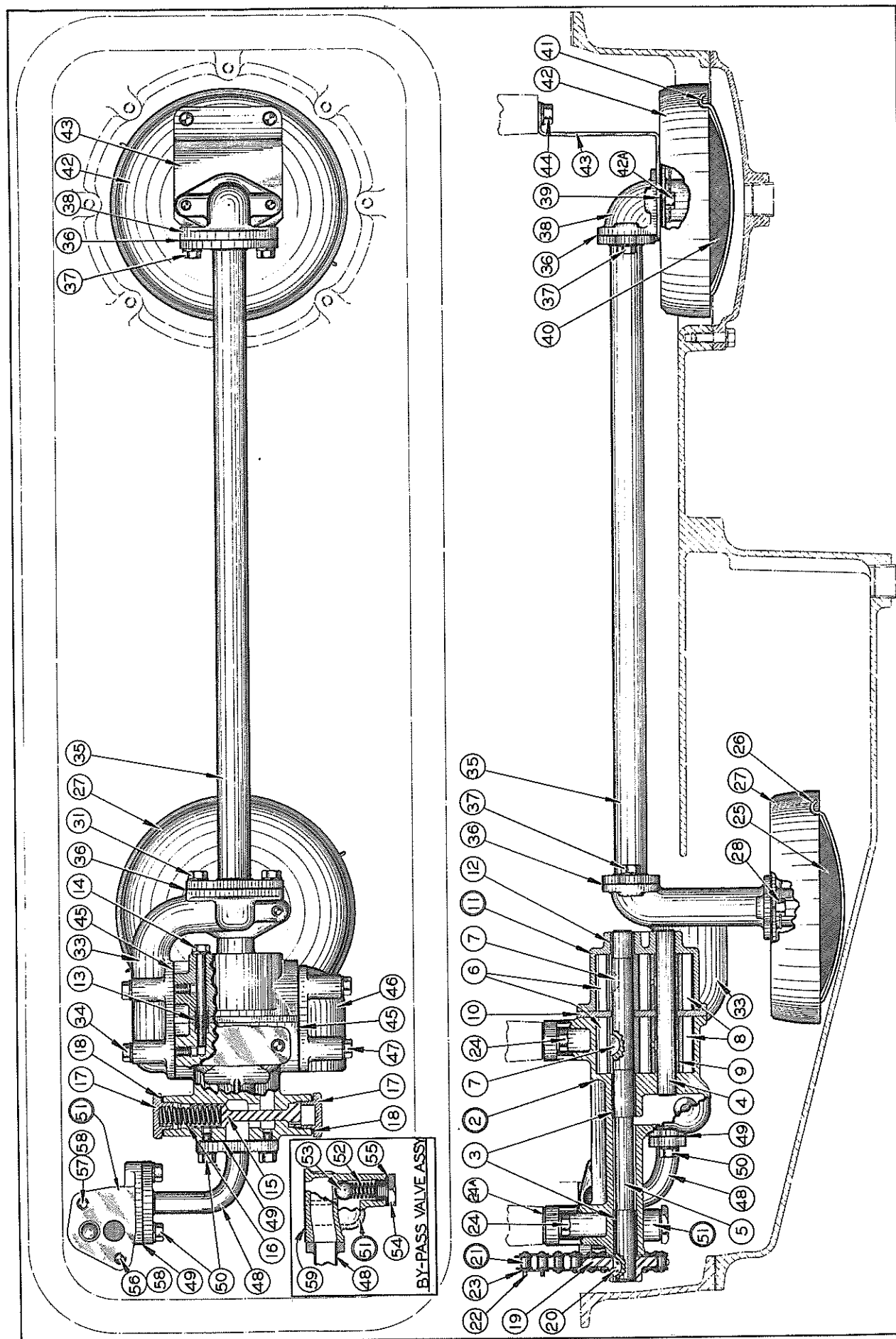


PLATE 12 - OIL PUMP

OIL PUMP
(See Plate 12)

Item	Part Number	Qty.	Name
1	5153232	1	Oil Pump Assembly (Includes items 2 to 20 inclusive)
2	5153159	1	Oil Pump Body Assembly (Includes items 3 and 4)
3	5153147	2	Oil Pump Bushing
4	5153146	1	Oil Pump Driven Shaft } In item 2
5	5153258	1	Oil Pump Drive Shaft
6	5153260	2	Oil Pump Drive Gear
7	905121	2	#5 Woodruff Key 1/8" x 5/8"
8	5153617	2	Oil Pump Driven Gear Assembly (Includes item 9)
9	5153154	4	Bushing (In item 8)
10	5153257	1	Oil Pump Cover
11	5153122	1	Oil Pump Scavenging Body Assembly (Includes item 12)
12	5153154	1	Bushing (In item 11)
13	5153200	2	Dowel
14	{ 913026	4	Hex Capscrew 5/16" N.C. x 3"
	{ 910803	4	Lockwasher 5/16" Heavy
15	5153247	1	Oil Pressure Relief Valve
16	5152617	1	Oil Pressure Relief Valve Spring
17	5152613	2	Oil Pressure Relief Plug
18	040399	2	Copper Gasket
19	5153343	1	Oil Pump Sprocket 15 Teeth
20	905121	1	#5 Woodruff Key 1/8" x 5/8"

21	5152992	1	Oil Pump Drive Chain 45 Links (Includes items 22 and 23)
22	5152993	1	Drive Chain Connecting Link } In item 21
23	5152994	1	Connecting Link Side Bar }
24	{ 36034	4	Capscrew 3/8" x 1"
	{ 910804	4	Lockwasher 3/8" Heavy
24A	{ 5156228		Oil Pump Shim .015" Thick } Use as required
	{ 5156229		Oil Pump Shim .010" Thick }
25	5153286	1	Oil Screen
26	5153284	1	Oil Screen Retainer
27	5153285	1	Oil Screen Cover
28	{ 5155605	2	Hex Capscrew 5/16" N.C. x 11/16" - Drilled Head
	{ 23775	1	Lockwire 10" Long
29	5153269	1	Oil Pump Screen Support
30	{ 903772	2	Hex Capscrew 5/16" N.C. x 1"
	{ 910803	2	Lockwasher 5/16" Heavy
31	{ 913027	2	Hex Capscrew 5/16" N.C. x 1-7/8" } Discontinued on Engine #6711077
	{ 910803	2	Lockwasher 5/16" Heavy }
32	5153282	1	Scavenging Screen Assembly
33	5153943	1	Oil Pump Screen Support
34	{ 913027	4	Hex Capscrew 5/16" N.C. x 1-7/8" } Effective with Engine #6711077
	{ 910803	4	Lockwasher 5/16" Heavy }
35	5153815	1	Scavenging Tube
36	5153902	2	Scavenging Tube Gasket
37	{ 903626	4	Hex Capscrew 5/16" N.C. x 3/4"
	{ 910803	4	Lockwasher 5/16" Heavy }
38	5153828	1	Scavenging Screen Support Elbow
39	5153627	1	Oil Screen Gasket
40	5153286	1	Oil Screen
41	5153284	1	Oil Screen Retainer
42	5153285	1	Oil Screen Cover
42A	{ 5155605	2	Hex Capscrew 5/16" N.C. x 11/16"
	{ 23775	1	Lockwire 10" Long }
43	5153829	1	Scavenging Screen Bracket
44	{ 36032	2	Hex Capscrew 3/8" N.F. x 3/4"
	{ 910804	2	Lockwasher 3/8" Heavy }
45	5153283	2	Gasket
46	5153290	1	Scavenging Pump Oil Outlet
47	{ 913027	4	Hex Capscrew 5/16" N.C. x 1-7/8"
	{ 910803	4	Lockwasher 5/16" Heavy }
48	5153968	1	Oil Pump Outlet Pipe
49	5151370	2	Oil Pump Outlet Pipe Gasket
50	{ 903626	4	Hex Capscrew 5/16" N.C. x 3/4"
	{ 910803	4	Lockwasher 5/16" Heavy }
51	5151400	1	By-Pass Valve Assembly (Includes items 52 to 55 inclusive)
52	5151461	1	By-Pass Valve Spring
53	905365	1	Steel Ball 5/8" Diameter } In item 51
54	5150032	1	By-Pass Valve Plug }
55	040942	1	By-Pass Valve Plug Gasket
56	903772	1	Hex Capscrew 5/16" N.C. x 1"
57	905664	1	Hex Capscrew 5/16" N.C. x 1-3/4"
58	910803	2	Lockwasher 5/16" Heavy
59	5154199	1	By-Pass Valve Gasket (Was 5150145)

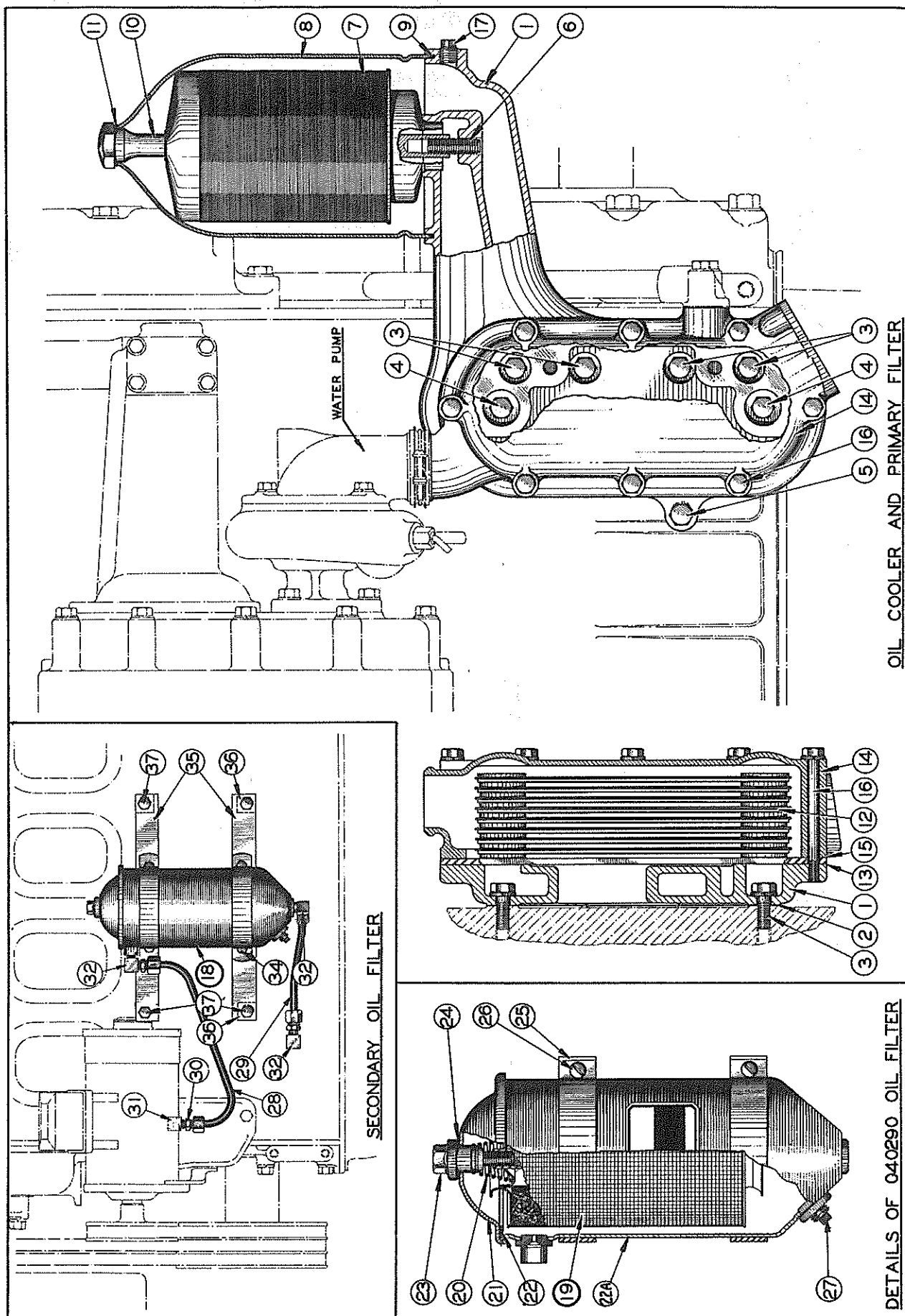


PLATE 13 - OIL COOLER AND FILTERS

OIL COOLER AND FILTERS
(See Plate 13)

Item	Part Number	Qty.	Name
------	-------------	------	------

Oil Cooler and Primary Filter (On Right Side of Engine)

1	5153228	1	Oil Filter and Cooler Adapter
2	5150154	2	Adapter Gasket
3	{ 040382	4	Capscrew 3/8" x 1-3/8"
	{ 910804	4	Lockwasher 3/8" Heavy
4	{ 044249	2	Capscrew 3/8" x 1-1/8"
	{ 910804	2	Lockwasher 3/8" Heavy
	{ 041914	1	Capscrew 3/8" x 1-7/8"
5	{ 5152904	1	Round Gasket 3/8" Hole
	{ 910804	1	Lockwasher 3/8" Heavy
6	5153229	1	Oil Filter Stud
7	5151467	1	Oil Filter Element
8	8526	1	Oil Filter Housing
9	207046	1	Oil Filter Housing Gasket
10	5153046	1	Oil Filter Retainer
11	040395	1	Oil Filter Retainer Gasket
12	8501329	1	Oil Cooler Element
13	5150152	1	Oil Cooler Element Gasket
14	5150600	1	Oil Cooler Housing
15	5150155	1	Oil Cooler Housing Gasket
16	{ 913029	8	Hex Capscrew 5/16" N.C. x 3-1/2"
	{ 910803	8	Lockwasher 5/16" Heavy
17	901652	1	Pipe Plug 1/4" Square Head

Adapter to Cylinder Block

Secondary Oil Filter (On Left Side of Engine)

18	040290	1	Oil Filter Assembly - AC #1503586 (Includes items 19 to 27 inclusive)
19	034914	1	Oil Filter Element Package #S-11 (Includes item 22)
20	040331	1	Oil Filter Spring
21	040328	1	Oil Filter Cover
22	040327	1	Oil Filter Cover Gasket (Included with item 19)
22A	042426	1	Oil Filter Shell
23	040788	1	Oil Filter Nut
24	040330	1	Oil Filter Handle Gasket
25	040805	2	Oil Filter Bracket
26	{ 900872	2	Stove Bolt 1/4" N.C. x 2-1/2" with Nut
	{ 910802	2	Lockwasher 1/4" Heavy
27	901652	1	Pipe Plug 1/4" Square Head
28	{ 040508	1	Oil Line 11" long with Nuts (Discontinued on HD14-478. Not serviced. Order one 042537 Line, one 042538 Elbow, two 040744 Half Union and one 041159 Elbow)
	{ 042537	1	Oil Line 12-1/8" long with Nuts (Effective with HD14-478)
	{ 040528	1	Oil Line 11-3/4" long with Nuts (Discontinued on HD14-478. Not serviced. Order one 042539 Line, two 040744 Half Union and two 041159 Elbow. For tractors prior to HD14-219, also supply one 910856 Pipe Adapter)
29	{ 042539	1	Oil Line 5-7/8" long with Nuts (Effective with HD14-478)
	{ 910171	1	Straight Fitting 1/8" Pipe Thd. (Discontinued on HD14-219)
30	{ 911317	4	Straight Fitting 1/4" Pipe Thd. (Disc. on HD14-478. 3 used prior to HD14-219)
	{ 040744	4	Half Union 1/4" Pipe Thd. (Effective with HD14-478)
31	042538	1	Elbow Fitting
32	041159	3	Elbow Fitting } Effective with HD14-478
34	{ 36032	4	Capscrew 3/8" x 3/4"
	{ 910804	4	Lockwasher 3/8" Heavy
35	040015	2	Mounting Bar
36	040014	3	Mounting Bar Spacer 5/16" Thick
37	{ 040011	4	Capscrew 7/16" x 1-1/2"
	{ 904205	4	Lockwasher 7/16"

In item 18

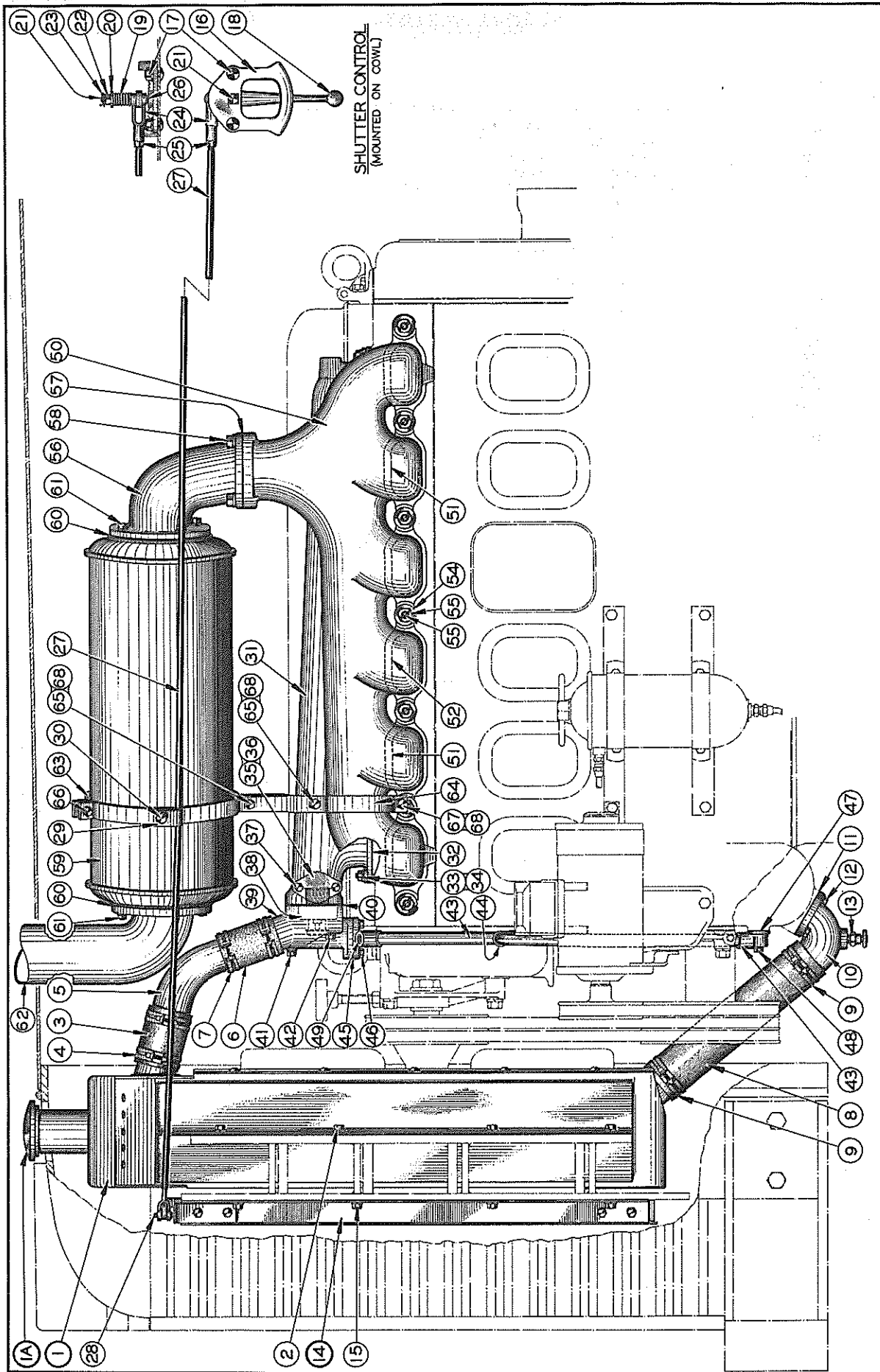


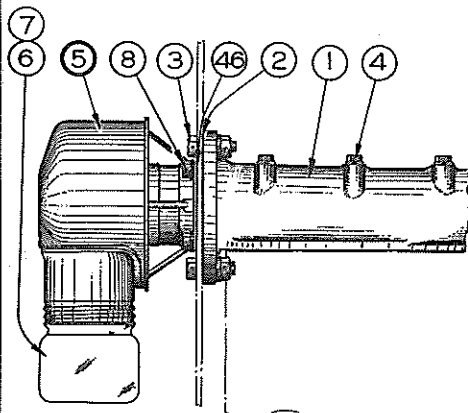
PLATE 14 - RADIATOR AND MANIFOLDS

RADIATOR AND WATER MANIFOLDS
(See Plate 14)

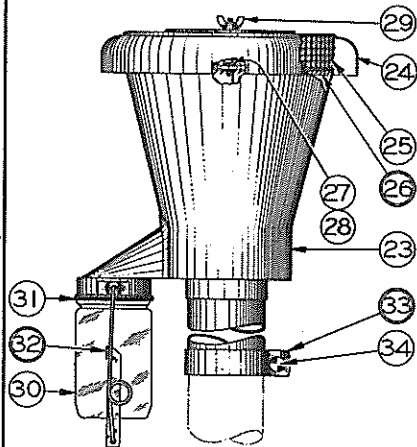
Item	Part Number	Qty.	Name
1	040589	1	Radiator (Includes item 1A)
1A	207041	1	Radiator Cap (In item 1)
2	36032	8	Capscrew 3/8" x 3/4"
	910804	8	Lockwasher 3/8" Heavy
3	040144	1	Radiator Inlet Hose 2-1/4" I.D. - 3-1/2" Long
4	910227	2	Hose Clamp 2-5/8" Diameter
5	040145	1	Radiator Inlet Elbow
6	040146	1	Radiator Inlet Hose 2" I.D. - 3-1/2" Long
7	910145	2	Hose Clamp 2-3/8" Diameter
8	040147	1	Radiator Outlet Hose 2-1/4" I.D. - 11-3/4" Long
9	910227	2	Hose Clamp 2-5/8" Diameter
10	040148	1	Lower Water Connection
11	040149	1	Lower Water Connection Gasket
12	45295	2	Capscrew 5/16" x 1"
	910803	2	Lockwasher 5/16" Heavy
13	U-1671	1	Radiator Drain Cock
14	040580	1	Radiator Shutter Assembly
15	36032	8	Capscrew 3/8" x 3/4"
	910804	8	Lockwasher 3/8" Heavy
16	040701	1	Shutter Control Bracket
	910441	2	Carriage Bolt 3/8" x 1" less Nut
17	911026	2	Hex Nut 3/8" N.C.
	910804	2	Lockwasher 3/8" Heavy
18	040702	1	Shutter Control Lever
19	040704	1	Shutter Control Spring
20	911115	1	Plain Washer 3/8" Standard
21	040705	1	Bolt
22	911026	1	Hex Nut 3/8" N.C.
23	900942	1	Cotter Pin 3/32" x 5/8"
24	033056	1	Adjustable Yoke End
25	911041	1	Hex Nut 3/8" N.F.
26	033069	1	Yoke Pin with Cotter Pin 3/32" x 5/8"
27	040703	1	Shutter Control Rod
28	033067	1	Yoke Pin with 3/32" x 1/2" Cotter Pin
29	040924	1	Clip
30	36032	1	Capscrew 3/8" x 3/4"
	910804	1	Lockwasher 3/8" Heavy
31	3223669	1	Water Outlet Manifold
32	5150361	6	Water Manifold Gasket
33	5150362	12	Water Manifold Stud
	911041	12	Hex Nut 3/8" N.F.
34	904206	12	Lockwasher 3/8"
35	3222484	1	Water Manifold Cover
36	3222555	1	Water Manifold Cover Gasket
37	903626	2	Hex Capscrew 5/16" N.C. x 3/4"
	904205	2	Lockwasher 5/16"
	040276	1	Thermostat (Discontinued on tractor HD14-906)
38	044873	1	Thermostat
	044872	1	Thermostat Gasket
	3224176	1	Thermostat Housing (Discontinued on tractor HD14-906)
39	5157160	1	Thermostat Housing (Effective with tractor HD14-906)
40	3222489	1	Thermostat Housing Gasket
	913025	1	Hex Capscrew 5/16" N.C. x 3-1/4"
41	905665	2	Hex Capscrew 5/16" N.C. x 2-1/4"
	913855	3	Hex Capscrew 5/16" N.C. x 3-3/8" (Effective with Tractor HD14-906)
42	910803	3	Lockwasher 5/16" Heavy
43	5153238	1	By-Pass Tube Assembly - Manifold to Oil Cooler
44	5151189	1	By-Pass Tube Clip
45	5151191	1	By-Pass Tube Gasket - Upper
	903772	2	Hex Capscrew 5/16" N.C. x 1"
46	904205	2	Lockwasher 5/16"
47	5151190	1	By-Pass Tube Gasket - Lower
	905663	2	Hex Capscrew 5/16" N.C. x 1-1/2"
48	904205	2	Lockwasher 5/16"
49	913049	1	Brass Pipe Plug 3/8" Slotted

EXHAUST MANIFOLD AND MUFFLER
(See Plate 14)

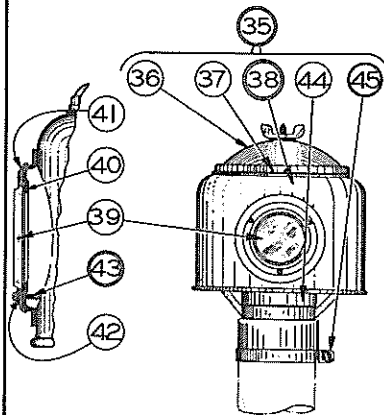
50	5150499	1	Exhaust Manifold				
51	5150195	2	Exhaust Manifold Gasket (End Piece)				
52	5150196	1	Exhaust Manifold Gasket (Center Piece)				
53	5150197	7	Exhaust Manifold Stud				
54	5150198	7	Exhaust Manifold Stud Washer	Item	Part No.	Qty.	Name
55	040383	7	Hex Nut 7/16" N.F.	62	042678	1	Exhaust Tail Pipe
56	040806	1	Muffler Elbow	63	040812	1	Muffler Support Strap-Inner
57	040797	1	Muffler Elbow Gasket	64	040926	1	Muffler Support Strap-Outer
58	35733	4	Capscrew 1/2" x 1-3/8"	65	12992	2	Capscrew 3/8" x 1-1/4"
	910806	4	Lockwasher 1/2" Heavy	66	46419	1	Capscrew 3/8" x 2"
59	040787	1	Exhaust Muffler	67	35336	1	Capscrew 3/8" x 1-3/4"
60	040798	2	Exhaust Muffler Gasket	68	911041	4	Hex Nut 3/8" N.F.
	35439	8	Capscrew 3/8" x 1"		910804	4	Lockwasher 3/8" Heavy
61	910804	8	Lockwasher 3/8" Heavy				



FIRST TYPE PRE-CLEANER
=DISCONTINUED=



SECOND TYPE PRE-CLEANER
=DISCONTINUED=



THIRD TYPE PRE-CLEANER

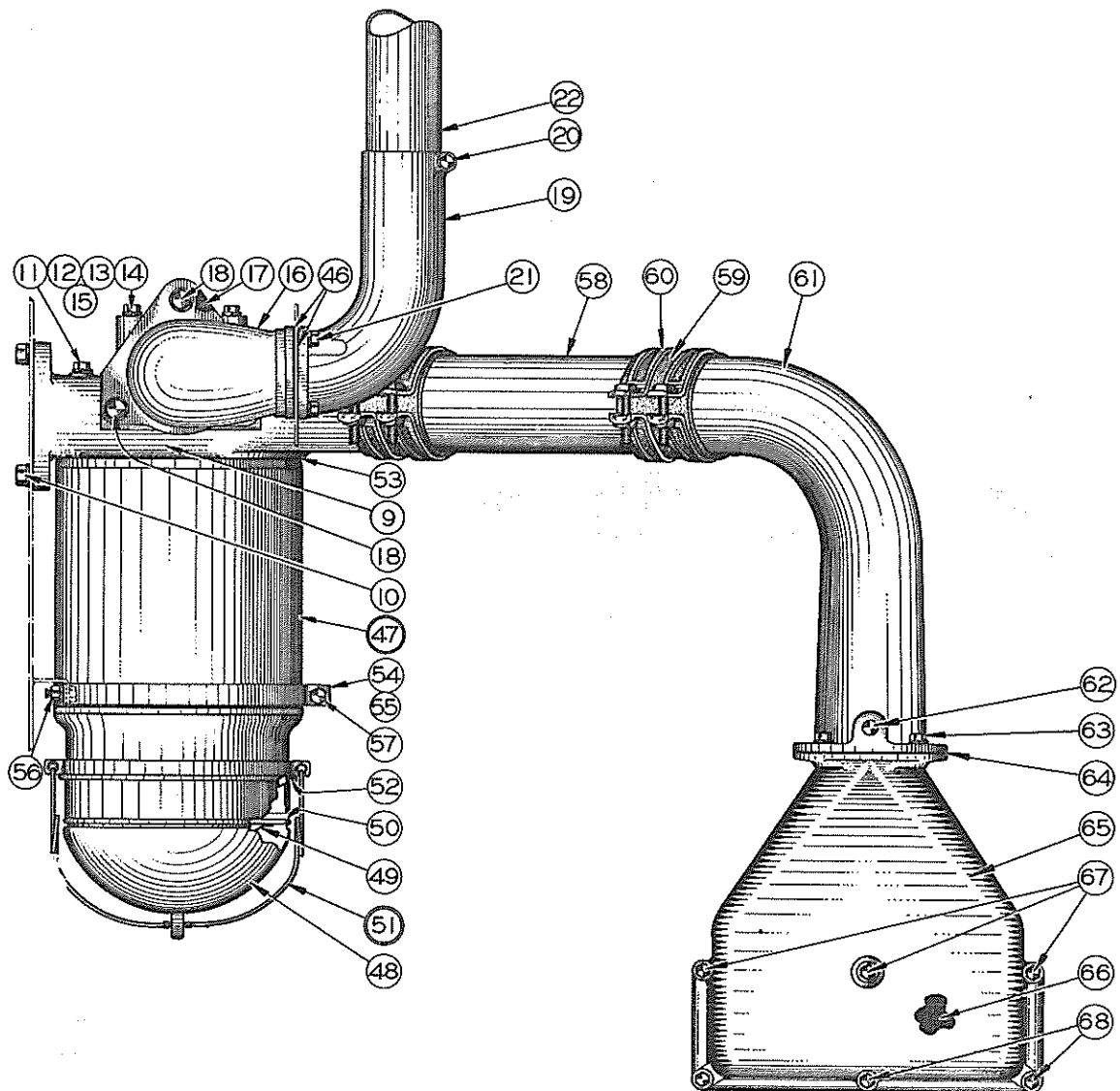


PLATE 16 - AIR CLEANERS

AIR CLEANER
(See Plate 16)

Item	Part Number	Qty.	Name	
1	040583	1	Air Cleaner Bracket	
2	040593	1	Air Cleaner Bracket Gasket	
3	35018	6	Capscrew 1/2" x 1-1/2"	Discontinued on Tractor HD14-419
	911043	6	Hex Nut 1/2" N.F.	
	910806	6	Lockwasher 1/2" Heavy	
	040570	16	Capscrew 3/8" x 4-1/4"	
4	910804	16	Lockwasher 3/8" Heavy	In item 5
5	040572	2	"UNITED" Pre-Cleaner	
6	041347	2	Sediment Glass Bulb (Includes item 7)	
7	041893	2	Sediment Bulb Rubber Gasket	
8	13058	8	Capscrew 3/8" x 1-1/4"	Effective with Tractor HD14-419
	910804	8	Lockwasher 3/8" Heavy	
9	043218	1	Air Cleaner Bracket	
	35220	6	Capscrew 1/2" x 1-1/8"	
10	910806	6	Lockwasher 1/2" Heavy	Repairs for item 23
11	040570	6	Capscrew 3/8" x 4-1/4"	
12	043222	6	Capscrew 3/8" x 6-5/8"	
13	043224	2	Capscrew 3/8" x 6"	
14	043223	2	Capscrew 3/8" x 5-1/4"	Effective approx. with Tractor HD14-835
15	910804	16	Lockwasher 3/8" Heavy	
16	043221	1	Pre-Cleaner Manifold	
17	043225	1	Pre-Cleaner Manifold Gasket	
18	35733	3	Capscrew 1/2" x 1-3/8"	Repairs for item 35
	910806	3	Lockwasher 1/2" Heavy	
19	042668	2	Pre-Cleaner Elbow	
	905667	2	Hex Capscrew 3/8" N.C. x 3"	
20	911026	2	Hex Nut 3/8" N.C.	Effective with Tractor HD14-126
	910804	2	Lockwasher 3/8" Heavy	
	70960	8	Capscrew 3/8" x 1-1/2"	
	910804	8	Lockwasher 3/8" Heavy	
22	042669	2	Pre-Cleaner Extension Tube	Repairs for item 38
23	043125	2	"CYCLONE" Pre-Cleaner (Not serviced. Order item 35)	
24	043398	2	Pre-Cleaner Cover	
25	043399	2	Pre-Cleaner Screen	
26	043443	2	Louver Assembly	Effective approx. with Tractor HD14-835
27	913532	4	Tapping Screw #7 x 1/2"	
28	913533	8	Tapping Screw #4 x 1/4"	
29	904153	2	Wing Nut 1/4" N.C.	
30	043276	2	Pre-Cleaner Glass Jar	Repairs for item 35
31	043403	2	Pre-Cleaner Jar Gasket	
32	043400	2	Pre-Cleaner Jar Bail Assembly	
33	043401	2	Pre-Cleaner Clamp (Includes item 34)	
34	910422	2	Carriage Bolt 5/16" N.C. x 1-1/4" with Nut	Effective with Tractor HD14-126
35	044988	2	"UNITED" Pre-Cleaner Assembly (Items 36 to 45 inclusive)	
36	044255	2	Cap and Nut Assembly	
37	044256	2	Cap Gasket	
38	044918	2	Outer Shell Assembly (Includes items 39 to 43)	Repairs for item 35
39	043860	2	Eye Glass	
40	043852	2	Eye Glass Gasket	
41	043853	2	Eye Glass Retainer	
42	043991	2	Eye Glass Retainer Ring	Effective with Tractor HD14-126
43	043856	6	Screw and Washer Assembly	
44	044257	2	Body and Stud Assembly	
45	044258	2	Clamp with Screw	
46	040568	4	Pre-Cleaner Gasket (2 used on tractors prior to HD14-419)	In item 47
47	040571	2	"UNITED" Air Cleaner	
48	040352	2	Air Cleaner Oil Cup	
49	040359	2	Air Cleaner Baffle	
50	040360	2	Baffle Retaining Ring	Effective with Tractor HD14-126
51	040353	2	Oil Cup Bail Assembly	
52	040354	2	Oil Cup Gasket	
53	040596	2	Air Cleaner Gasket	
54	041747	2	Air Cleaner Strap - Outer	Effective with Tractor HD14-126
55	041748	2	Air Cleaner Strap - Inner	
	36032	3	Capscrew 3/8" x 3/4"	
	911041	3	Hex Nut 3/8" N.F.	
	910804	3	Lockwasher 3/8" Heavy	Effective with Tractor HD14-126
	36039	2	Capscrew 3/8" x 1-3/8"	
	911041	2	Hex Nut 3/8" N.F.	
	910804	2	Lockwasher 3/8" Heavy	
58	040594	1	Connecting Tube	Effective with Tractor HD14-126
59	040120	2	Hose 3-1/4" Long	
60	913218	4	Hose Clamp	
61	040595	1	Intake Elbow	
62	910001	1	Expansion Plug 5/8" Diameter	Effective with Tractor HD14-126
	35439	4	Capscrew 3/8" x 1"	
	910804	4	Lockwasher 3/8" Heavy	
	040118	1	Intake Elbow Gasket	
65	040117	1	Air Inlet Housing	Effective with Tractor HD14-126
66	5150988	1	Housing Gasket and Screen	
	904281	3	Hex Capscrew 3/8" N.C. x 2-1/4"	
	910804	3	Lockwasher 3/8" Heavy	
68	910245	3	Capscrew 3/8" x 1-3/8"	Effective with Tractor HD14-126
	910804	3	Lockwasher 3/8" Heavy	

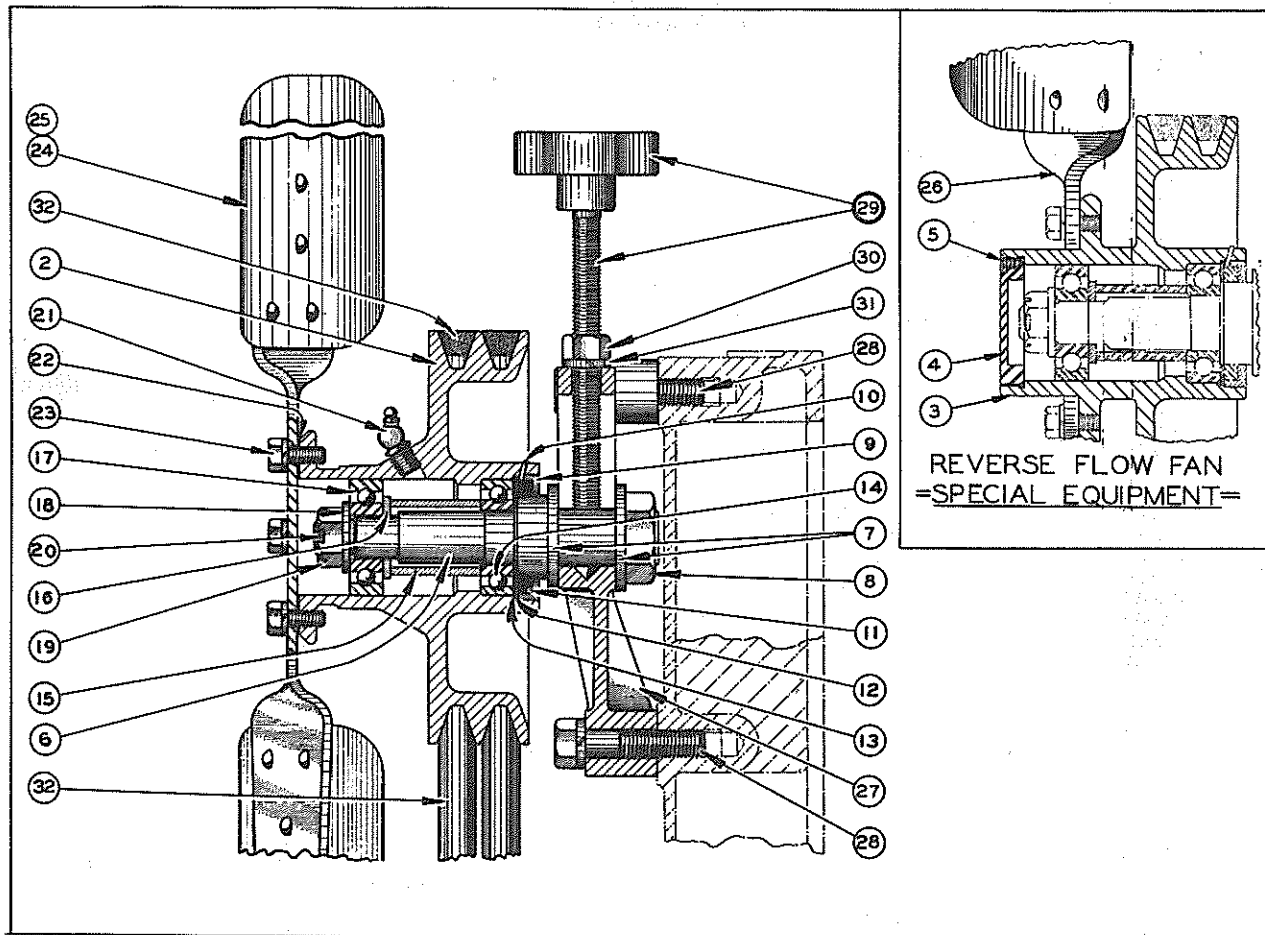


PLATE 15 - FAN

FAN
(See Plate 15)

Item	Part Number	Qty.	Name
1	044467	1	Fan Hub Assembly (Items 2 and 6 to 23 inclusive)
2	040086	1	Fan Pulley
3	042623	1	Fan Pulley (Special. Used with item 26 only)
4	042624	1	Fan Pulley End Cap
5	042622	1	End Cap Lock Screw
6	040087	1	Fan Spindle
7	040088	2	Clamp Washer
8	911051	1	Hex Jam Nut 1" N.F.
9	040093	1	Cork Retainer
10	040094	1	Lockwire Snap Ring
11	040095	1	Cork Washer
12	040096	1	Cork Retaining Washer
13	040097	1	Gasket
14	042986	1	Ball Bearing (Rear)
15	040098	1	Spacer
16	040099	1	Clamp Washer
17	042979	1	Ball Bearing (Front)
18	040089	1	End Washer
19	912840	1	Slotted Hex Nut 5/8" N.F.
20	900802	1	Cotter Pin 3/32" x 1"
21	910261	1	Grease Fitting
22	040100	1	Fan Blade Gasket
23	45312	4	Capscrew 5/16" x 3/4"
	910806	4	Lockwasher 5/16" Heavy
24	040786	1	Fan Blade (Standard - 2-1/4" Deep)
25	040881	1	Fan Blade (Special for Hot Climate - 3" Deep)
26	042627	1	Fan Blade (Special - Provides reverse flow of air. Used with item 3 only)
27	040085	1	Bracket
28	35712	3	Capscrew 1/2" x 2-1/4"
	910806	3	Lockwasher 1/2" Heavy
29	040090	1	Adjusting Screw Assembly (1-Screw; 1-Knob)
30	911043	1	Hex Nut 1/2" N.F.
31	910806	1	Lockwasher 1/2" Heavy
32	602944	2	Fan Belt

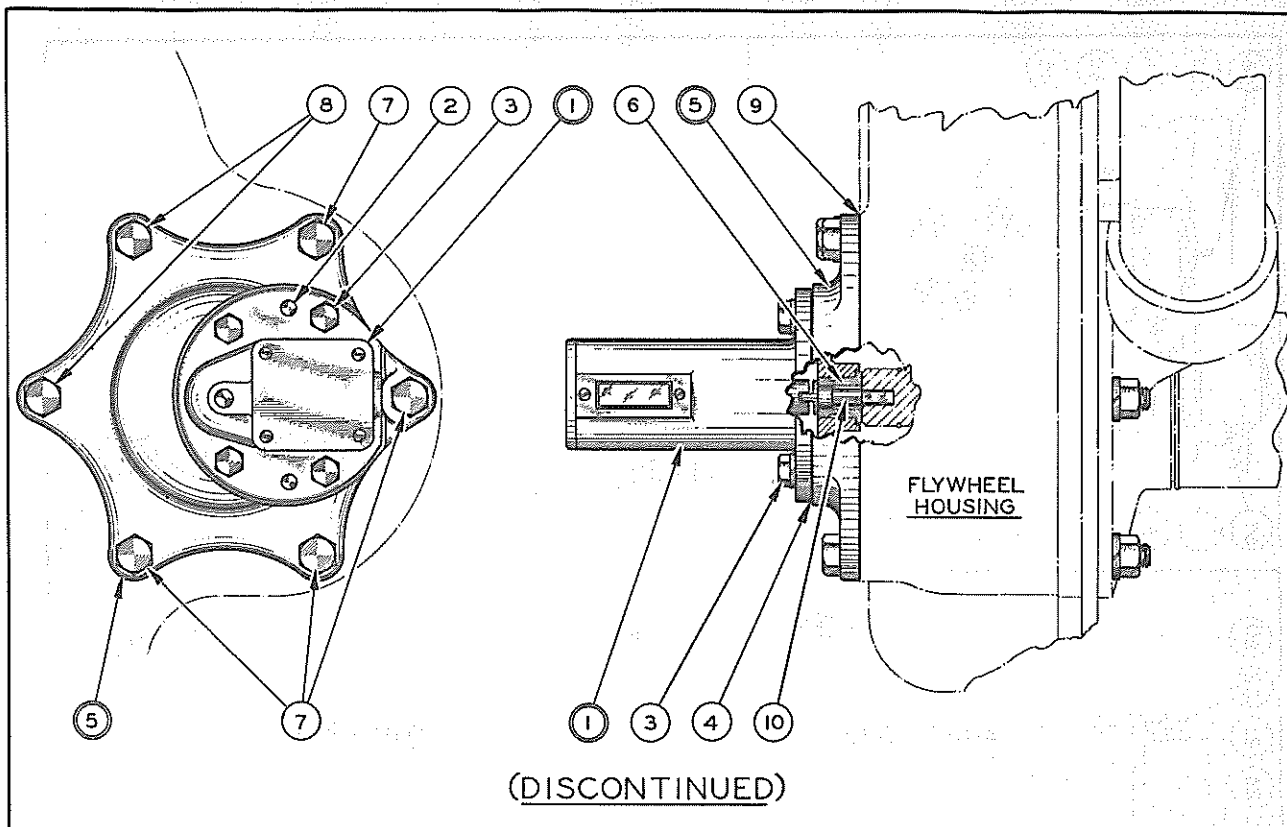


PLATE 39 - HOUR METER (FIRST TYPE)

HOUR METER
(See Plate 39)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>FIRST TYPE</u> - Used on tractors prior to *HD14-355 only. (See Note below)			
1	042408	1	Hour Meter
2	040420	2	Dowel Pin
3	034964	4	Capscrew 1/4" x 3/4"
	910802	4	Lockwasher 1/4" Heavy
4	040362	1	Hour Meter Gasket
5	040739	1	Adapter Plate Assembly (Includes item 6)
6	040737	1	Bushing (In item 5)
	040426	4	Capscrew 3/8" x 5"
7	911041	4	Hex Nut 3/8" N.F.
	904206	4	Lockwasher 3/8"
8	35439	2	Capscrew 3/8" x 1"
	910804	2	Lockwasher 3/8" Heavy
9	5150057	1	Adapter Plate Gasket
10	042407	1	Hour Meter Drive Shaft 1-7/16" Long (For engines prior to #6711988)
10A	042899	1	Hour Meter Drive Shaft 2-5/16" Long (Effective with engine #6711988)

NOTE: See Instruments for the later type Hour Meter as used on tractors *HD14-355 and above.

*Except tractor HD14-363, but including tractor HD14-349.

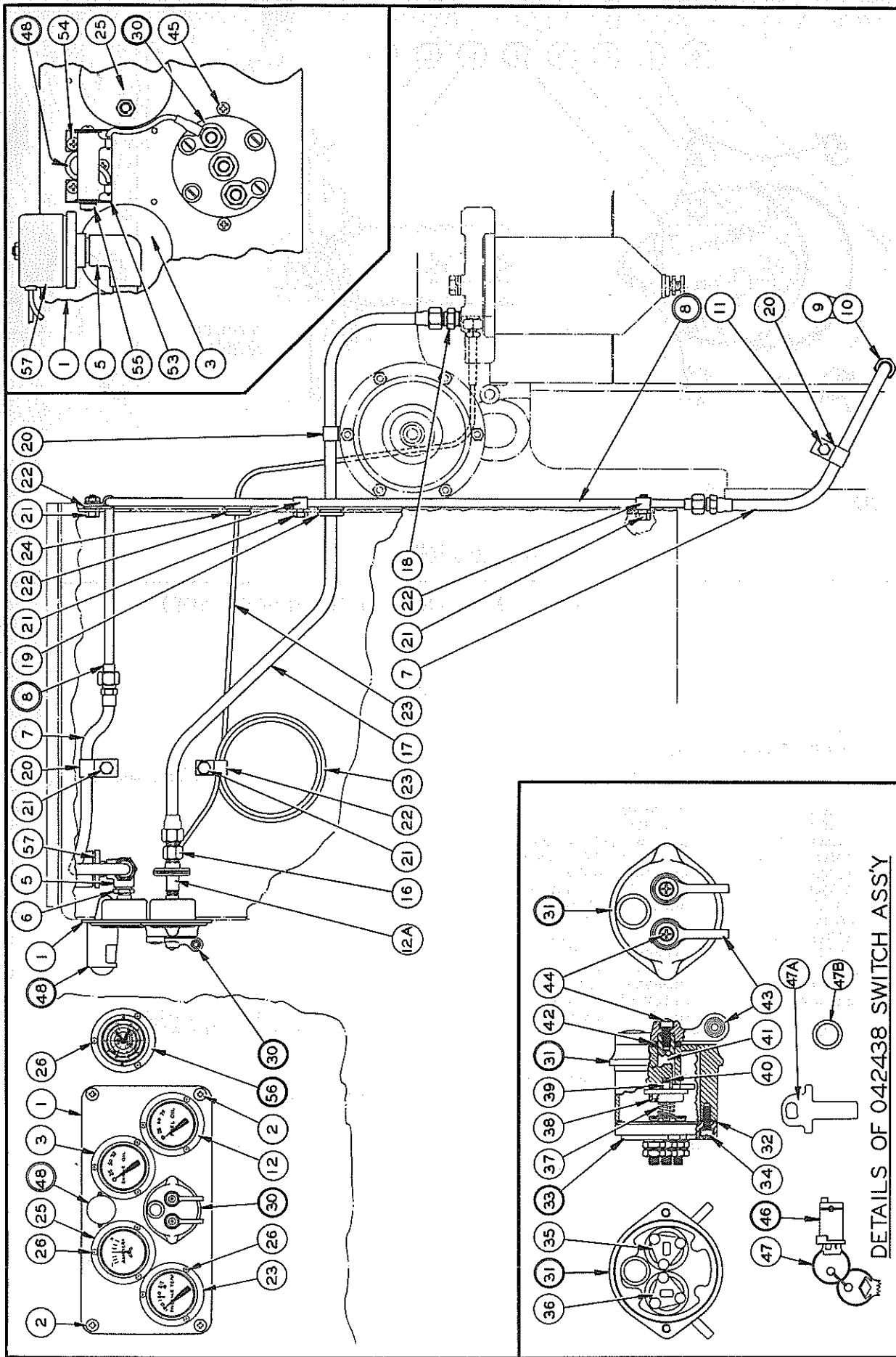


PLATE 17 — INSTRUMENTS

INSTRUMENTS
(See Plate 17)

Item	Part Number	Qty.	Name	
1	040151	1	Instrument Panel	
2	{ 033064	4	Tapping Screw 1/4" x 5/8"	
	910802	4	Lockwasher 1/4" Heavy	
3	034910	1	Oil Pressure Gauge	
4	040740	1	Female Coupling (Discontinued on tractor *HD14-355)	
5	913498	1	Side Outlet Elbow 1/4"	
6	901834	1	Reducing Bushing 1/4" x 1/8"	} Effective with tractor *HD14-355
7	040882	2	Oil Pressure Gauge Flexible Tube 19" Long	
8	043265	1	Pressure Gauge Tube with Nuts	
9	040744	1	Half Union	
10	901828	1	Reducing Bushing 3/8" x 1/4" P. Thread	
11	{ 36032	1	Capscrew 3/8" x 3/4"	
	910804	1	Lockwasher 3/8" Heavy	
12	040152	1	Fuel Pressure Gauge	
12A	043952	1	Restriction Unit (Effective with tractor HD14-612)	
13	912323	1	Female Coupling	
14	040036	1	Flexible Tube 36" Long	} Discontinued on tractor HD14-291. Item 14 is not serviced. Order items 16, 17 and 18.
15	913112	1	Hex Nipple 1/4" P. Thread	
16	040740	1	Female Coupling	
17	042325	1	Flexible Tube 36" Long	} Effective with tractor HD14-291
18	040744	1	Half Union	
19	040758	1	Rubber Bushing	
20	207091	3	Tube Clip	
	{ 36032	5	Capscrew 3/8" x 3/4"	
21	911041	5	Hex Nut 3/8" N.F.	
	910804	5	Lockwasher 3/8" Heavy	
22	040796	4	Tube Clip	
23	034912	1	Thermo Gauge with Extension Tube	
24	041581	1	Rubber Bushing	
25	034911	1	Ammeter	
26	{ 040226	15	Tapping Screw #6 x 1/2"	
	912729	15	Shakeproof Lockwasher #6	
27	031334	1	Light Switch with Keys	} Discontinued on tractor HD14-378. Item 27 is not serviced. Order item 30.
28	034787	3	Switch Key #80	
	034076	2	Tapping Screw #8 x 1/2"	
29	{ 911023	2	Square Nut #8	
	911118	2	Lockwasher #8	
30	042438	1	Combination Switch Assembly (Non-Locking)	} Switch Repairs
31	042458	1	Switch Housing Assembly (1-housing; 1-plug)	
32	042489	1	Switch Housing Gasket	
33	042459	1	Switch Back Assembly (Includes Terminal Nuts)	
34	{ 910164	4	Fillister Head Machine Screw #10-32 x 7/16"	
	042462	1	Lockwasher #10	
35	042463	1	Contact Assembly (Ignition)	
36	042491	2	Contact Assembly (Lights)	
37	042460	2	Contact Spring (Large)	
38	042493	2	Contact Support	
39	042492	2	Ratchet Cup	
40	042461	2	Ratchet Cup Spring (Small)	
41	042490	2	Switch Lever Shaft	
42	042464	2	Felt Washer	
43	042494	2	Switch Lever	
44	{ 042494	2	Switch Lever Screw	
	910164	2	Lockwasher #10	
45	{ 042504	2	Tapping Screw #8 x 3/8"	} Special Equipment. For 042438 Switch.
	911118	2	Lockwasher #8	
46	042635	1	Switch Lock Assembly with Keys	
47	042643	2	Switch Key	
47A	042634	1	Switch Lock Plate	
47B	042633	1	Switch Lock Collar	
48	040936	1	Dash Light Assembly (Includes items 49 to 52 inclusive)	
49	031805	1	Dash Light Bulb - 6 Volt	} Dash Light Repairs
50	040974	1	Dash Light Glass	
51	040973	1	Dash Light Cover	
52	040969	1	Dash Light Cover Gasket	
53	040963	1	Dash Light Bracket	
54	{ 034076	3	Tapping Screw #8 x 1/2"	
	911118	3	Lockwasher #8	
	913162	1	Machine Screw #8 x 1-3/4"	
55	{ 040968	2	Centering Washer	
	911118	1	Lockwasher #8	
	911023	1	Square Nut #8-32	
56	043306	1	Electric Hour Meter (Cannot be serviced in the field)	} Effective with tractor *HD14-355
57	043305	1	Hour Meter Pressure Switch	

*Except tractor HD14-363, but including tractor HD14-349.

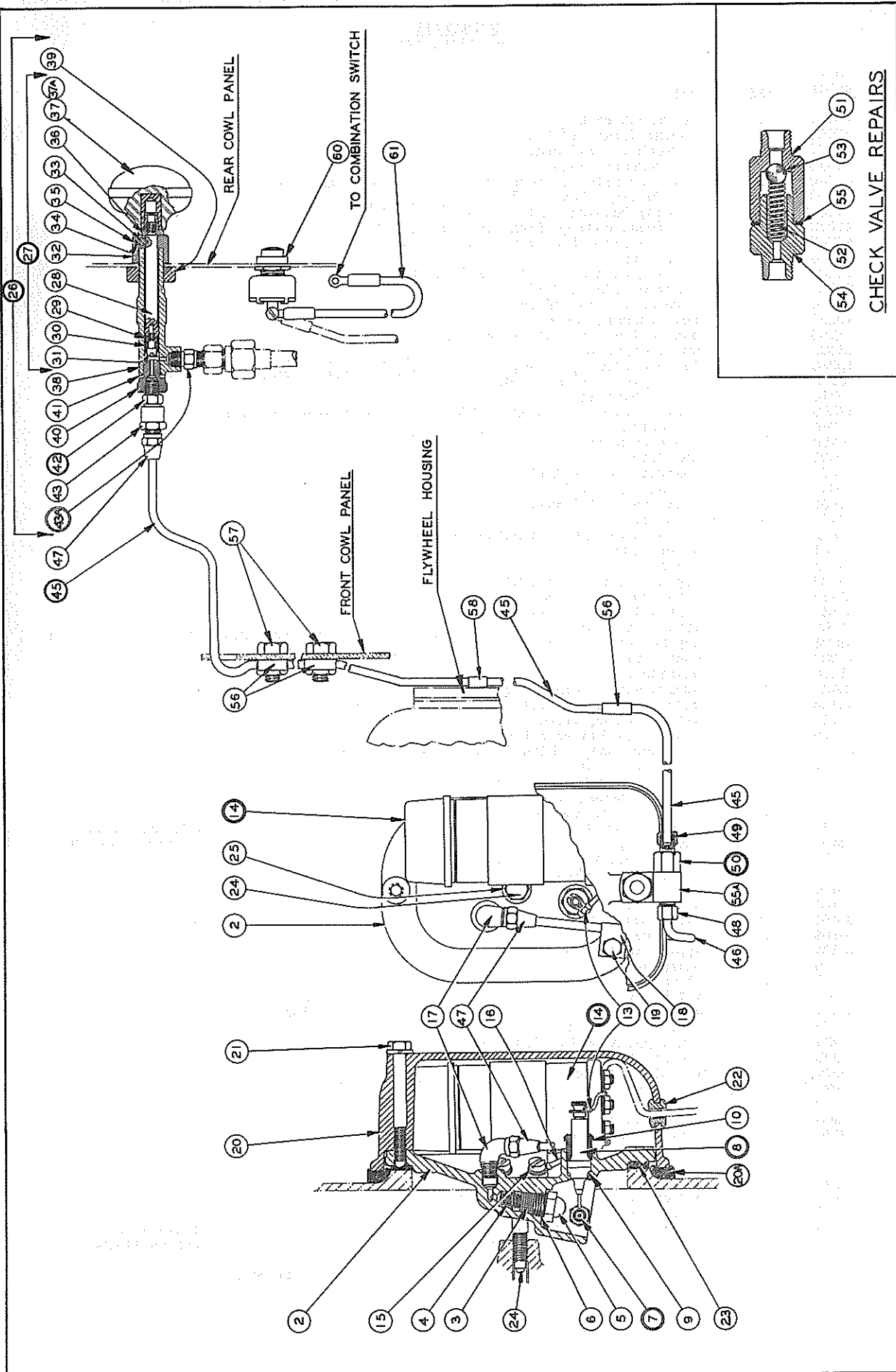


PLATE 20A — AIR HEATER

AIR HEATER
(See Plate 20A)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>Air Heater</u>			
1	5153383	1	Air Heater Assembly (Includes items 2 to 19 inclusive)
2	5153385	1	Air Heater Body
3	5153388	1	Air Heater Filter
4	5153389	1	Air Heater Filter Spring
5	5051518	1	Air Heater Spray Nozzle
6	5151921	1	Air Heater Spray Nozzle Gasket
7	5153390	1	Electrode Screw Assembly
8	910802	1	Lockwasher 1/4"
9	5152774	1	Insulator Assembly (Includes gasket)
10	1556346	1	Insulator Gasket
11	5153395	1	Insulator Retaining Nut
12	5154125	1	High Tension Lead (Coil to Insulator)
13	1115479	1	Air Heater Coil Assembly (DLCO)
14	901227	2	Fillister Head Capscrew 1/4" N.C. x 5/8"
15	910802	2	Lockwasher 1/4"
16	5152779	1	Coil Ground Lead
17	910268	1	Elbow Fitting 1/8" P. Thread - 3/16" Tube
18	033040	1	Inlet Tube Clip
19	913032	1	Hex Capscrew 1/4" N.C. x 5/16"
	910802	1	Lockwasher 1/4"
20	5153386	1	Air Heater Cover
20A	5154086	1	Air Heater Cover Felt Gasket
21	913189	2	Hex Capscrew 5/16" N.C. x 2-7/8"
	910803	2	Lockwasher 5/16"
22	23176	1	Rubber Bushing
23	5150020	1	Gasket
24	5153139	1	Bolt
25	040400	1	Copper Gasket
} Air Heater to Block			

Air Heater Pump

26	5151922	1	Air Heater Pump Assembly (Includes items 27 to 43A)
27	5152909	1	Pump Plunger Assembly (Includes items 28 to 37A inclusive)
28	5152902	1	Pump Plunger
29	5151907	2	Pump Piston (Leather)
30	5151909	1	Pump Piston Separator
31	5151908	1	Pump Piston Retaining Screw
32	5152899	1	Pump Plunger Nut
33	5152900	1	Pump Plunger Lock Pin
34	5152778	1	Pump Plunger Lock Spring
35	5152897	1	Expansion Plug 3/16" Dia.
36	5152901	1	Pump Knob Adapter
37	5152674	1	Heater Pump Knob
37A	913206	1	Groove Pin 1/16" x 3/4"
38	5151920	1	Heater Pump Body
39	911049	1	Hex Jam Nut 5/8" N.F.
40	5153315	1	Outlet Check Valve Adapter
41	5151910	1	Outlet Adapter Washer
42	5153358	1	Outlet Check Valve Assembly (Separate parts are not serviced)
43	913037	1	Female Adapter Fitting 1/8" P. Thread - 3/16" Tube
43A	5153357	1	Inlet Check Valve
44	040756	1	Pump Outlet Tube 77" Long with Nuts (Disc. on HD14-612. Order items 45 to 50)
45	044436	1	Pump Outlet Tube 67" Long
46	044439	1	Pump Outlet Tube 10" Long
47	913676	2	Flared Nut
48	912064	2	Compression Nut
49	912367	2	Compression Sleeve
50	044435	1	Check Valve Assembly (Items 51 to 55)
51	044434	1	Check Valve Body
52	044433	1	Check Valve Spring
53	905358	1	Steel Ball 1/4" Diam.
54	044428	1	Check Valve Spring Housing
55	5151910	1	Gasket
55A	044438	1	Clip
56	033044	3	Tube Clip
	36032	2	Capscrew 3/8" x 3/4"
57	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
58	AM-9622	1	Tube Clip
} Effective with tractor HD14-612			
} Repairs for Item 50			

AIR HEATER SWITCH

60	031337	1	Push Button Switch
61	040789	1	Wire - Heater Switch to Light Switch 18" Long

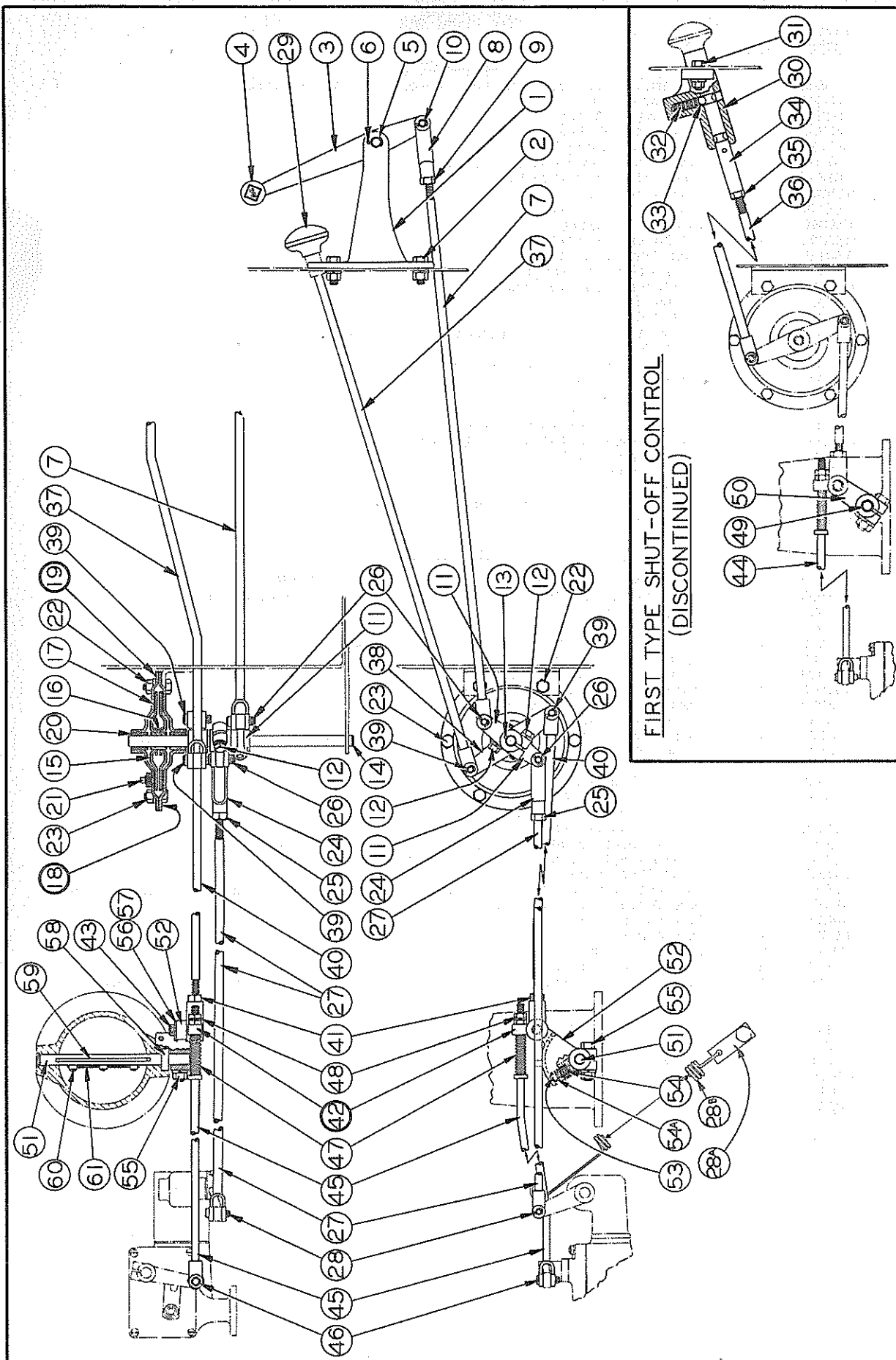


PLATE 17A - ENGINE CONTROLS

ENGINE CONTROLS
(See Plate 17A)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>	
1	040514	1	Control Bracket	
	36034	3	Capscrew 3/8" x 1"	
2	911041	3	Hex Nut 3/8" N.F.	
	910804	3	Lockwasher 3/8" Heavy	
3	040511	1	Throttle Lever	
4	033904	1	Lever Grip	
5	040512	1	Pivot Shaft	
6	900805	2	Cotter Pin 1/8" x 3/4"	
7	040516	1	Throttle Rod	
8	033056	1	Adjustable Yoke End	
9	911041	1	Hex Nut 3/8" N.F.	
10	033069	2	Yoke Pin with 3/32" x 5/8" Cotter Pin	
11	040517	2	Lever	
12	37450	2	Capscrew 5/16" x 1-1/4"	
	910803	2	Lockwasher 5/16" Heavy	
13	905121	2	Woodruff Key #5	
14	040521	1	Throttle Shaft	
15	71798	2	Pressure Plate	
16	044244	1	Pressure Plate Spring	
17	71808	2	Friction Disc (Fibre)	
18	71799	1	Cover Assembly	} Include item 20
19	72369	1	Cover Assembly	
20	71800	2	Cover Bushing (In items 18 and 19)	
21	901651	1	Pipe Plug 1/8" Square Head	
	36034	2	Capscrew 3/8" x 1"	
22	911041	2	Hex Nut 3/8" N.F.	
	910804	2	Lockwasher 3/8" Heavy	
	36032	4	Capscrew 3/8" x 3/4"	
23	911041	4	Hex Nut 3/8" N.F.	
	910804	4	Lockwasher 3/8" Heavy	
24	033056	1	Adjustable Yoke End	
25	911041	1	Hex Nut 3/8" N.F.	
26	033069	1	Yoke Pin with 3/32" x 5/8" Cotter Pin	
27	040522	1	Throttle Control Rod	
28	033067	1	Yoke Pin with 3/32" x 1/2" Cotter Pin	
28A	044242	1	Spring Clip	} Effective with tractor HD14-612
28B	044245	1	Spring	
29	U-2862	1	Shut-off Rod Knob	
30	040530	1	Shut-off Rod Bracket	
	12992	2	Capscrew 3/8" x 1-1/4"	
31	911041	2	Hex Nut 3/8" N.F.	} Discontinued on tractor HD14-419
	910804	2	Lockwasher 3/8" Heavy	
32	28980	1	Spring	
33	905361	1	Steel Ball 7/16" Diameter	
34	040513	1	Shut-off Stop Rod	
35	911041	1	Hex Nut 3/8" N.F.	
36	040515	1	Rear Shut-off Rod	
37	042940	1	Rear Shut-off Rod 25-3/8" Long (Effective with tractor HD14-419)	
38	040519	1	Shut-off Lever	
39	033069	2	Yoke Pin with 3/32" x 5/8" Cotter Pin	
40	040518	1	Fuel and Air Shut-off Rod	
41	911026	1	Hex Nut 3/8" N.C.	
42	040154	1	Lever Assembly (Includes item 43)	
43	040156	1	Pivot Pin (In item 42)	
44	040158	1	Front Shut-off Rod 17" Long (Discontinued on tractor HD14-419)	
45	042950	1	Front Shut-off Rod 17-1/2" Long (Effective with tractor HD14-419)	
46	033067	1	Yoke Pin with 3/32" x 1/2" Cotter Pin	
47	70385	1	Spring	
48	911025	2	Hex Nut 5/16" N.C.	
	910803	1	Lockwasher 5/16" Heavy	
49	040161	1	Air Valve Shaft	} Discontinued on tractor HD14-419
50	040157	1	Lever	
51	042946	1	Air Valve Shaft	
52	042948	1	Lever	
53	905360	1	Steel Ball 3/8" Diameter	} Effective with tractor HD14-419
54	14704	1	Spring	
54A	043460	1	Ball Sleeve	
	U-3188	1	Capscrew 3/8" x 1-1/2"	
55	911041	1	Hex Nut 3/8" N.F.	
	910804	1	Lockwasher 3/8" Heavy	
56	900802	1	Cotter Pin 3/32" x 1"	
57	910244	1	Washer 1/2" S.A.E.	
58	040302	1	Seal	
59	040164	1	Air Valve	
60	040162	3	Special Capscrew	
61	040163	1	Lockwire 7" Long	

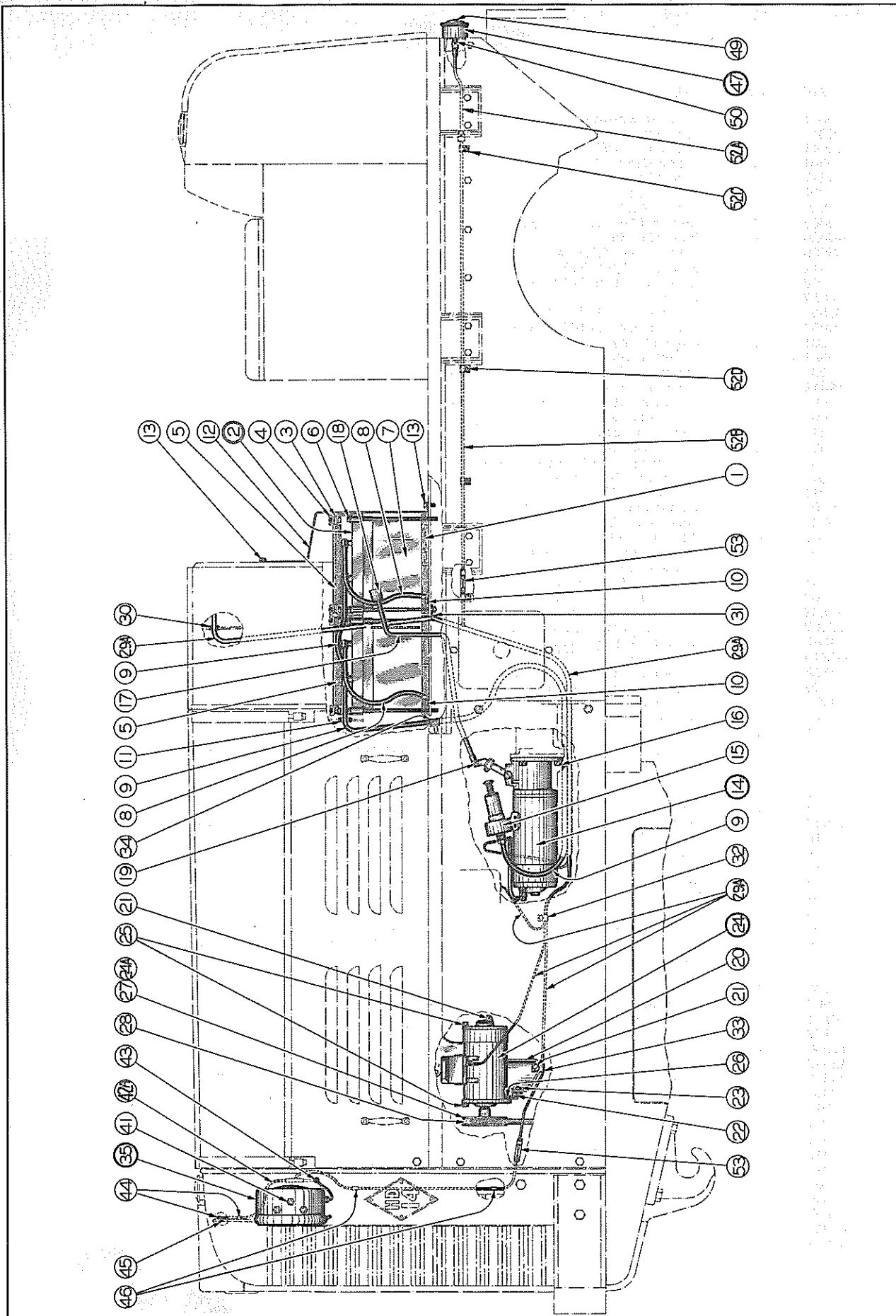


PLATE 18 - ELECTRICAL SYSTEM

ELECTRICAL SYSTEM
(See Plate 18)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>	
1	040764	4	Battery Base (Wood)	
2	040759	2	Battery Hold-down Assembly (Includes items 3 and 4)	
3	031298	2	Hold-down Strap	
4	904155	4	Wing Nut 3/8" N.C.	} In item 2
	910804	4	Lockwasher 3/8" Heavy	
5	031305	8	Rubber Block	
6	913158	8	Hex Head Machine Bolt 3/8" N.C. x 10-1/2"	
	910804	8	Lockwasher 3/8" Heavy	
7	040281	2	Storage Battery 25 Plate (12 volt)	
8	034929	2	Cable - Battery to Ground 17" Long	
9	040672	1	Cable - Battery to Starting Motor 72" Long	
10	35439	2	Capscrew 3/8" x 1"	
	910804	2	Lockwasher 3/8" Heavy	
11	040765	1	Rubber Bushing	
12	040732	1	Battery Cover	
13	35439	4	Capscrew 3/8" x 1"	
	910804	4	Lockwasher 3/8" Heavy	
14	034917	1	Starting Motor - DELCO-REMY #1108714	
15	034924	1	Starting Motor Switch (In item 14)	
16	35440	3	Capscrew 5/8" x 1-1/2"	
	910808	3	Lockwasher 5/8" Heavy	
17	040763	1	Starter Rod	
18	040762	1	Starter Rod Button	
19	033067	1	Yoke Pin with 3/32" x 1/2" Cotter Pin	
20	3222817	1	Generator Bracket	
21	913030	3	Hex Capscrew 7/16" N.C. x 1-1/8"	
	904207	3	Lockwasher 7/16"	
22	3222369	1	Generator Belt Adjusting Link	
	911168	1	Hex Capscrew 5/16" N.F. x 7/8"	
23	906905	1	Hex Nut 5/16" N.F.	
	904205	1	Lockwasher 5/16"	
24	034916	1	Generator - DELCO-REMY #1105377	
24A	905121	1	Woodruff Key #5 (In item 24)	
25	904706	2	Hex Capscrew 7/16" N.C. x 1-1/4"	
	910805	2	Lockwasher 7/16" Heavy	
26	45312	1	Capscrew 5/16" x 3/4"	
	910335	1	Plain Washer 5/16" Standard	
27	040128	1	Generator Pulley	
28	040549	1	Generator Belt	
29	040791	1	Wiring Harness (Discontinued on tractor HD14-450. Not serviced. Order items 29A, 42A and 52B also)	
29A	042762	1	Wiring Harness (Effective with tractor HD14-450)	
30	040842	1	Rubber Bushing	
31	207091	1	Clip	
32	040796	1	Clip	
33	AM-9622	1	Clip	
34	041483	1	Clip	
35	37131	1	Headlight - Left	} Include items 36 to 40 inclusive
	37132	1	Headlight - Right	
36	032793	2	Headlight Bulb 12 Volt - 32 CP	} Headlight Repairs
37	033140	2	Headlight Lens	
38	033142	2	Headlight Moulding (Rim)	
38A	042600	2	Moulding Screw	
39	033143	2	Headlight Lens Washer	
40	033141	2	Headlight Reflector	
41	36032	6	Capscrew 3/8" x 3/4"	
	910804	6	Lockwasher 3/8" Heavy	
42	040979	1	Headlight Wire (Discontinued on tractor HD14-450. Not serviced. Order item 42A)	
42A	042764	1	Headlight Wire (Effective with tractor HD14-450)	
43	040981	2	Rubber Bushing	
44	23217	3	Clip	
45	45312	3	Capscrew 5/16" x 3/4"	
	910803	3	Lockwasher 5/16" Heavy	
46	033044	2	Clip	
47	033027	1	Tail Light - Complete	
48	031806	1	Tail Light Bulb - 12 Volt	
49	034014	1	Tail Light Lens	
50	911040	2	Hex Nut 1/4" N.F.	
	910802	2	Lockwasher 1/4" Heavy	
51	040978	1	Tail Light Wire 72" Long	} Discontinued on tractor HD14-219. Item 51 is not serviced. Order items 52A and 52B)
52	AM-9622	2	Clip (1/2" Bolt Hole)	
52A	041871	1	Tail Light Wire 12" Long (Rear Section)	} Effective with tractor HD14-219
52B	042763	1	Tail Light Wire 100" Long (Front Section)	
52C	033044	4	Clip (3/8" Bolt Hole)	
	36032	4	Capscrew 3/8" x 3/4"	
52D	911041	4	Hex Nut 3/8" N.F.	
	910804	4	Lockwasher 3/8" Heavy	
53	041318	2	Fuse 20 Ampere	

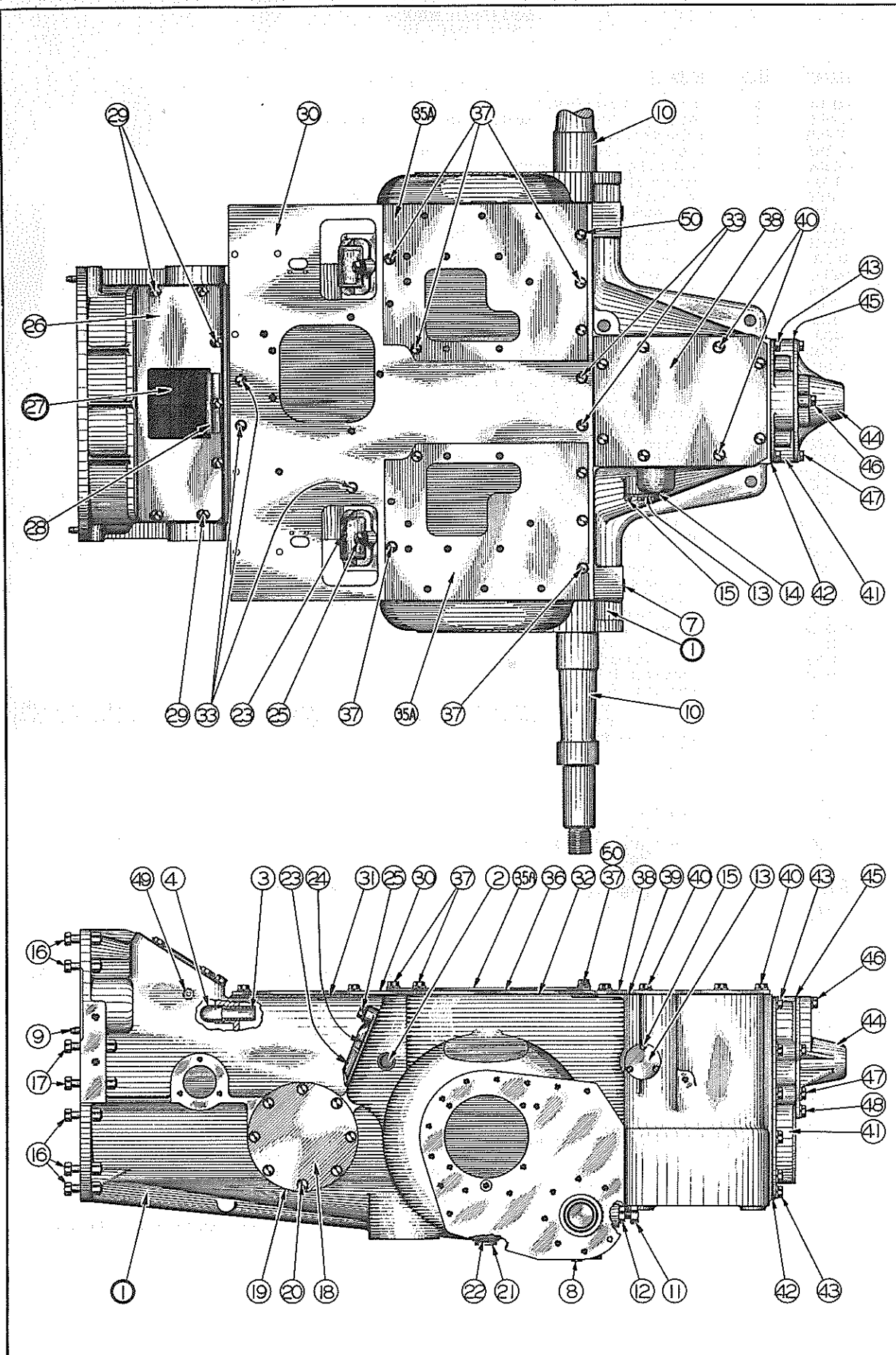


PLATE 19 - TRANSMISSION CASE AND COVERS

TRANSMISSION CASE AND COVERS
(See Plate 19)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	70618	1	Transmission Case Assembly (Includes items 2 to 10 inclusive)
2	70104	4	Bushing for Brake Shaft
3	70938	2	Bushing for Shifter Shaft
4	70939	2	Shifter Shaft Cover
5	70906	1	Oil Groove Cover } Riveted in
6	70905	1	Oil Drain Plug } Case
7	72270	6	Plug (Discontinued on HD14-612)
8	901667	2	Countersunk Pipe Plug 1-1/4"
9	71004	2	Dowel
10	70174	2	Sprocket Shaft
11	70624	2	Set Screw
12	911038	2	Hex Jam Nut 1" N.C.
13	38396	1	Odometer Hole Cover Plate
14	38397	1	Cover Plate Gasket
15	45295	3	Capscrew 5/16" x 1"
	910803	3	Lockwasher 5/16" Heavy
16	70285	10	Capscrew 3/4" x 3"
	12767	10	High Nut
17	71014	4	Capscrew 3/4" x 4-1/2"
	12767	4	High Nut
18	70890	2	Cover Plate
19	70891	2	Cover Plate Gasket
20	35440	16	Capscrew 5/8" x 1-1/2"
	910808	16	Lockwasher 5/8" Heavy
21	35250	1	Drain Plug
22	35249	1	Drain Plug Gasket
23	70509	2	Brake Hole Door
24	70510	2	Brake Hole Door Gasket
25	23755	2	Capscrew 5/8" x 2-1/4"
	900819	2	Wrought Washer 5/8" Standard
26	041334	1	Clutch Hole Cover
27	72017	1	Filter Pad Assembly (Each consists of 1-wire cage; 1-steel wool pad and 4-felt gaskets. Separate parts are not serviced)
28	72013	1	Filter Pad Clamp
29	35159	7	Capscrew 5/8" x 1"
	910808	7	Lockwasher 5/8" Heavy
30	040434	1	Transmission Top Cover
31	70921	1	Center Gasket
32	70922	2	Side Gasket
33	35440	5	Capscrew 5/8" x 1-1/2"
	910808	5	Lockwasher 5/8" Heavy
34	040435	1	Top Cover - Left
35	040436	1	Top Cover - Right
35A	043123	2	Top Cover (Effective with tractor HD14-364)
36	72440	2	Top Cover Gasket
37	36707	10	Capscrew 5/8" x 1-3/4"
	910808	10	Lockwasher 5/8" Heavy
38	70930	1	Rear Top Cover Plate
39	70931	1	Rear Top Cover Gasket
40	35440	8	Capscrew 5/8" x 1-1/2"
	910808	8	Lockwasher 5/8" Heavy
41	034318	1	Rear Case Cover
42	70275	1	Rear Case Cover Gasket
43	35440	7	Capscrew 5/8" x 1-1/2"
	910808	7	Lockwasher 5/8" Heavy
44	70916	1	Rear Cover Cap
45	70917	1	Rear Cover Cap Gasket
46	70935	1	Capscrew 5/8" x 5"
	910808	1	Lockwasher 5/8" Heavy
47	70934	4	Capscrew 5/8" x 4"
	910808	4	Lockwasher 5/8" Heavy
48	35440	1	Capscrew 5/8" x 1-1/2"
	910808	1	Lockwasher 5/8" Heavy
49	36737	1	Plug
50	911100	2	Plain Washer 5/8" S.A.E.

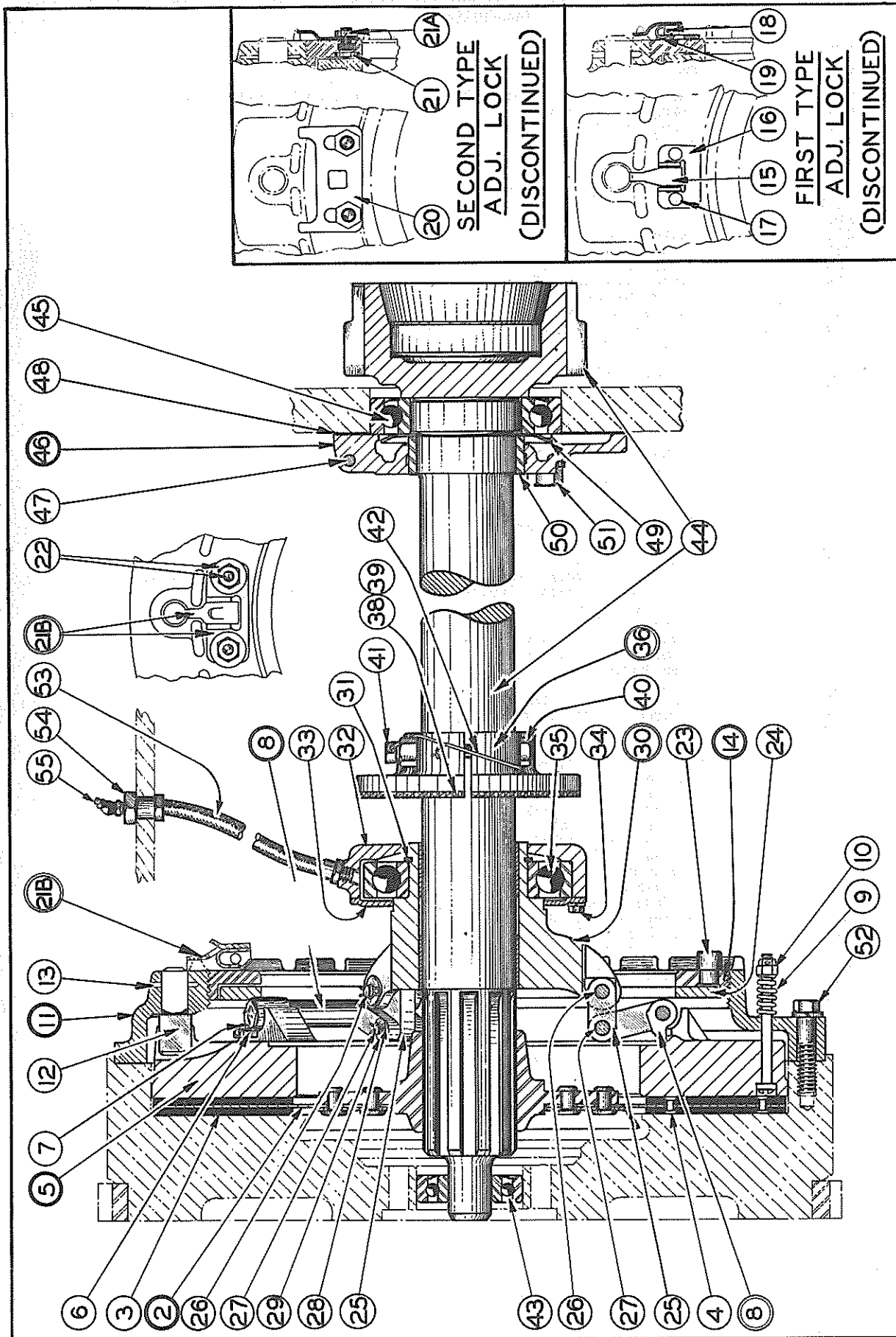


PLATE 20 - MASTER CLUTCH

MASTER CLUTCH
(See Plate 20)

Item	Part Number	Qty.	Name
1	034901	1	Master Clutch Assembly (Includes items 2 to 35 inclusive)
2	034902	1	Drive Disc Assembly (Facings are cemented and are not serviced separately)
5	040215	1	Pressure Plate Assembly (Discontinued on HD14-507. Not serviced. Order 043470 with six 043471 Capscrews, six 905340 Nuts and six 900970 Cotter Pins)
6	043470	1	Pressure Plate Assembly (Effective with HD14-507. Includes items 6 and 7)
6	204664	6	Cam Block
7	903731	6	Fillister Head Capscrew 1/4" N.C. x 1/2" } Replace Cam Blocks in sets only. Order Cam Block Package #043397.
7	040769	6	Screw Lock
8	040219	3	Camshaft Assembly (Should be replaced in sets of three)
9	040223	6	Return Spring
10	033751	6	Hex Head Capscrew 5/16" N.C. x 2-1/2" (Discontinued on HD14-507)
10	043471	6	Fillister Head Capscrew 5/16" N.F. x 3-1/2" } Effective with Tractor HD14-507
10	905340	6	Castle Nut 5/16" N.F.
10	900970	6	Cotter Pin 1/16" x 1/2"
11	040213	1	Back Plate Assembly (Includes items 12 and 13)
12	040214	3	Drive Stud } In item 11
13	040361	3	Drive Stud Lock Pin }
14	040216	1	Adjusting Ring Assembly (Includes item 23. When for tractors prior to HD14-316, also order item 56)
15	040782	1	Adjusting Lock
16	040781	1	Adjusting Lock Bracket
17	913221	2	Flat Head Rivet 3/16" x 17/32" } <u>FIRST TYPE LOCKING ARRANGEMENT</u>
18	040784	1	Adjusting Lock Pin
19	040783	1	Adjusting Lock Spring
20	042766	1	Adjusting Lock (Not serviced. Order item 56) } <u>SECOND TYPE LOCKING ARRANGEMENT</u>
21	042767	2	Flat Head Screw 3/8" x 13/16"
21A	911048	2	Hex Jam Nut 3/8" N.F.
21B	044861	1	Adjusting Lock and Bracket Assembly
22	044860	2	Flat Head Screw 3/8" x 1" } <u>THIRD TYPE LOCKING ARRANGEMENT</u>
22	911041	2	Hex Nut 3/8" N.F.
22	044859	2	Washer
23	040301	6	Adjusting Ring Stud (In item 14)
24	040218	1	Adjusting Ring Plate
25	040222	3	Connecting Link
26	040220	3	Link Pin - Long
27	040221	3	Link Pin - Short
28	900806	6	Cotter Pin 1/8" x 3/4"
29	901165	6	Plain Washer 5/16" Standard
30	040225	1	Clutch Sleeve with Bushings (Separate parts are not serviced)
31	041809	1	Snap Ring
32	040245	1	Release Bearing Carrier
33	040247	1	Release Bearing Plate
34	903626	6	Hex Capscrew 5/16" N.C. x 3/4"
34	910803	6	Lockwasher 5/16" Heavy
35	042975	1	Ball Bearing
36	041814	1	Clutch Brake Assembly (Two Halves)
37	041812	2	Half Facing (Discontinued on Tractor HD14-203)
38	041963	4	Quarter Facing (Effective with Tractor HD14-203)
39	911132	12	Brass Tubular Rivet 3/16" x 15/32" } In item 36
40	042430	2	Capscrew 1/2" x 3-1/4"
40	042431	2	Thick Nut
41	042406	1	Set Screw 1/2" x 23/32" } Effective with Tractor HD14-200
42	37000	1	Lockwire 16" Long
43	211013	1	Ball Bearing (In Flywheel)
44	040112	1	Clutch Shaft and Gear 24 T.
45	042851	1	Ball Bearing
46	040114	1	Bearing Retainer Assembly (Consists of 2 halves and item 47)
47	912177	2	Hex Capscrew 1/4" N.F. x 1-1/4" } In item 46
47	911040	2	Hex Nut 1/4" N.F.
47	910802	2	Lockwasher 1/4" Heavy
48	70225	1	Bearing Retainer Gasket
49	040115	1	Oil Slinger
50	040113	1	Spacer
51	35440	4	Capscrew 5/8" x 1-1/2"
51	910808	4	Lockwasher 5/8" Heavy
52	28979	9	Capscrew 1/2" x 2-1/2"
52	910806	9	Lockwasher 1/2" Heavy
53	45507	1	Grease Tube
54	911049	1	Hex Jam Nut 5/8" N.F.
55	910262	1	Grease Fitting
56	044862	1	Adjusting Lock Service Kit (For Tractors HD14-316 to HD14-879. Consists of items 21B and 22)

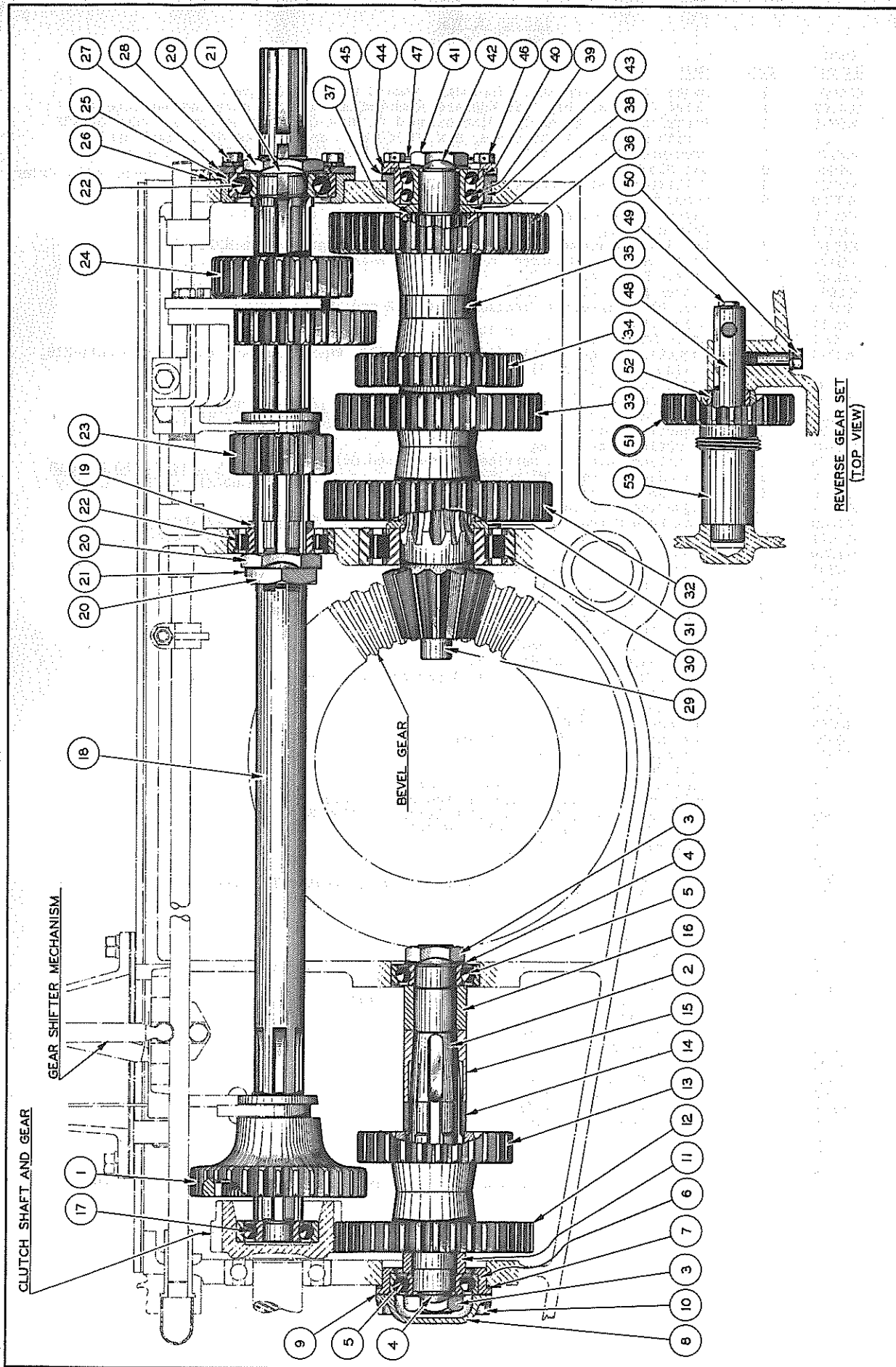
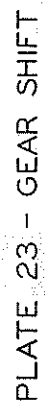


PLATE 22 - TRANSMISSION GEARS

TRANSMISSION GEARS
(See Plate 22)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>Auxiliary Speed Gear Set</u>			
1	70258	1	Auxiliary Sliding Gear (31 External Teeth and 24 Internal Teeth)
2	70844	1	Auxiliary Gear Shaft
3	35078	2	Nut
4	35780	2	Lockwasher
5	042850	2	Ball Bearing
6	70247	1	Bearing Cup
7	70843	12	Shim (Use as required)
8	70250	1	Bearing Cover
9	70248	1	Bearing Cover Gasket
10	35440	4	Capscrew 5/8" x 1-1/2"
	910808	4	Lockwasher 5/8" Heavy
11	71252	1	Spacer
12	70260	1	Auxiliary Speed Gear - 36 Teeth
13	70257	1	Auxiliary Speed Gear - 29 Teeth
14	70842	1	Spacer
15	71925	1	Spacer
16	70840	1	Spacer
<u>Sliding Gear Set</u>			
17	042843	1	Ball Bearing
18	70113	1	Sliding Gear Shaft
19	71959	1	Splined Collar
20	70176	3	Nut
21	70114	2	Lockwasher
22	042860	1	Ball Bearing (Rear position. Also used at center position prior to HD14-759)
	043888	1	Roller Bearing (Center position. Effective HD14-759)
23	70229	1	Low and Reverse Pinion 17 Teeth - 20° (Discontinued on HD14-759)
	044002	1	Low and Reverse Pinion 17 Teeth - 25° (Effective with HD14-759)
24	033642	1	High and Second Pinion 30 Teeth and 20 Teeth
25	70245	1	Bearing Cup
26	71015	2	Shim .005" Thick
	71016	5	Shim .010" Thick } Use as required
27	70246	1	Bearing Retainer
28	35440	4	Capscrew 5/8" x 1-1/2"
	910808	4	Lockwasher 5/8" Heavy
<u>Bevel Pinion Set</u>			
29	70165	1	Bevel Pinion and Shaft - Six Splines (Discontinued on HD14-759)
	044109	1	Bevel Pinion and Shaft - Ten Splines (Effective with HD14-759)
30	042846	1	Ball Bearing (Discontinued on Tractor HD14-759)
	043889	1	Roller Bearing (Effective with Tractor HD14-759)
31	70242	1	Spacer (Discontinued on Tractor HD14-759)
	043867	1	Spacer (Effective with Tractor HD14-759)
32	70231	1	Low Gear 43 Teeth - Six Splines (Discontinued on Tractor HD14-759)
	043864	1	Low Gear 43 Teeth - Ten Splines (Effective with Tractor HD14-759)
33	72401	1	Reverse Gear 37 Teeth - Six Splines (Discontinued on Tractor HD14-759)
	043866	1	Reverse Gear 37 Teeth - Ten Splines (Effective with Tractor HD14-759)
34	033647	1	High Gear 30 Teeth - Six Splines (Discontinued on Tractor HD14-759)
	043865	1	High Gear 30 Teeth - Ten Splines (Effective with Tractor HD14-759)
35	70223	1	Spacer (Discontinued on Tractor HD14-759)
	043861	1	Spacer (Effective with Tractor HD14-759)
36	70838	1	Second Gear 40 Teeth - Six Splines (Discontinued on Tractor HD14-759)
	043863	1	Second Gear 40 Teeth - Ten Splines (Effective with Tractor HD14-759)
37	71929	1	Shim .005" Thick
	70240	7	Shim .010" Thick } Use as required
38	71930	2	Shim 1/16" Thick
	040821	1	Spacer
39	043890	1	Ball Bearing (Includes item 40)
40	040831	1	Bearing Snap Ring (In item 39)
41	35078	1	Nut
42	35780	1	Lockwasher
43	040822	1	Bearing Cage
44	040824	1	Bearing Retainer
45	040823	6	Shim .007" Thick
	040841	5	Shim .010" Thick } Use as required
46	041266	4	Capscrew 5/8" x 2"
47	70139	1	Lockwire 24" Long
<u>Reverse Gear Set</u>			
48	72448	1	Reverse Idler Shaft
49	71057	1	Shaft Plug
50	35922	1	Capscrew 5/8" x 2-3/4"
	910808	1	Lockwasher 5/8" Heavy
51	030343	1	Reverse Idler Gear Assembly 24 Teeth - 20° (Discontinued on Tractor HD14-759)
	044034	1	Reverse Idler Gear Assembly 24 Teeth - 25° (Effective with Tractor HD14-759)
52	030342	1	Reverse Gear Bushing (In item 51)
53	030344	1	Spacer



GEAR SHIFT
(See Plate 23)

Item	Part Number	Qty.	Name
1	040479	1	Gear Shift Housing
2	{ 35014	4	Capscrew 5/8" x 1-1/2"
	910808	4	Lockwasher 5/8" Heavy
	23755	1	Capscrew 5/8" x 2-1/4"
3	{ 910808	1	Lockwasher 5/8" Heavy
4	034268	1	Filler Plug
5	040489	1	Oil Gauge Rod
6	034265	1	Oil Gauge Cap
7	034269	1	Oil Gauge Cap Gasket
8	040484	1	Base Plate
9	040480	2	Base Plate and Housing Gasket
10	040478	2	Gear Shift Lever Assembly (Includes Items 11 and 12)
11	031229	2	Pivot Shaft
12	031157	2	Pivot Shaft Pin } In Item 10
13	031074	2	Clamp Ring Assembly (Separate Parts are Not Serviced)
14	031076	2	Clamp Ring Gasket
15	032056	2	Rubber Boot
16	032059	2	Clamp Plate
17	{ 032062	8	Capscrew 5/16" x 1-1/2" - Drilled Head
	23775	2	Lockwire 10" Long
18	45543	2	Dust Cap
19	45546	2	Felt Seal for Dust Cap
20	45544	2	Cover
21	U-175	2	Spring
22	040476	2	Gear Shift Lever Extension
	35336	2	Capscrew 3/8" x 1-3/4"
23	{ 911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
24	033904	2	Lever Grip
25	{ 71280	1	Shifter Shaft Bracket - Right (2 used prior to HD14-759)
	044251	1	Shifter Shaft Bracket - Left (Effective with tractor HD14-759)
	043190	2	Clamp Screw 5/8" x 2-5/8"
26	{ 72366	2	High Nut
	72594	2	Nut Lock
27	36425	2	Gear Shift Lock Plunger
	911052	2	Castle Nut 1/4" N.F.
28	{ 900800	2	Cotter Pin 1/16" x 3/4"
29	36422	2	Plunger Spring
30	71463	1	Shifter Shaft - Left
31	71464	1	Shifter Shaft - Right
32	71276	1	Shifter Fork - Right
33	033648	1	Shifter Fork - Left
34	72467	1	Shifter Fork Hub
35	35440	2	Capscrew 5/8" x 1-1/2"
36	72472	1	Screw Lock
	71283	2	Clamp Screw 5/8" x 2-1/2" - Drilled End
37	{ 911055	2	Castle Nut 5/8" N.F.
	900807	2	Cotter Pin 1/8" x 1-1/4"
38	71456	1	Shifter Shaft Spacer 1-1/16" Long
39	72604	1	Shifter Shaft Spacer 2-7/16" Long
40	36083	6	Shifter Shaft Spacer 1/16" Thick (Use as required)
41	72447	2	Shifter Shaft Spacer 1-1/2" Long
42	72484	2	Shifter Shaft Stop Collar
	71283	2	Clamp Screw 5/8" x 2-1/2" - Drilled End
43	{ 911055	2	Castle Nut 5/8" N.F.
	900807	2	Cotter Pin 1/8" x 1-1/4"
44	031318	1	Interlock Block
45	031319	1	Interlock Plate
46	031320	2	Interlock Plunger
	70403	1	Capscrew 1/2" x 3"
47	{ 910806	1	Lockwasher 1/2" Heavy
48	37195	1	Interlock Spring
49	040485	1	Auxiliary Shifter Fork Riveted Assembly
50	040490	1	Auxiliary Gear Shift Shaft
51	{ 35018	1	Capscrew 1/2" x 1-1/2"
	35196	1	Nut Lock
52	040425	1	Plunger Cap
	13044	2	Capscrew 3/8" x 7/8" - Drilled Head
53	{ 70101	2	Lockwire 8" Long
54	35282	1	Plunger
55	040475	1	Plunger Spring

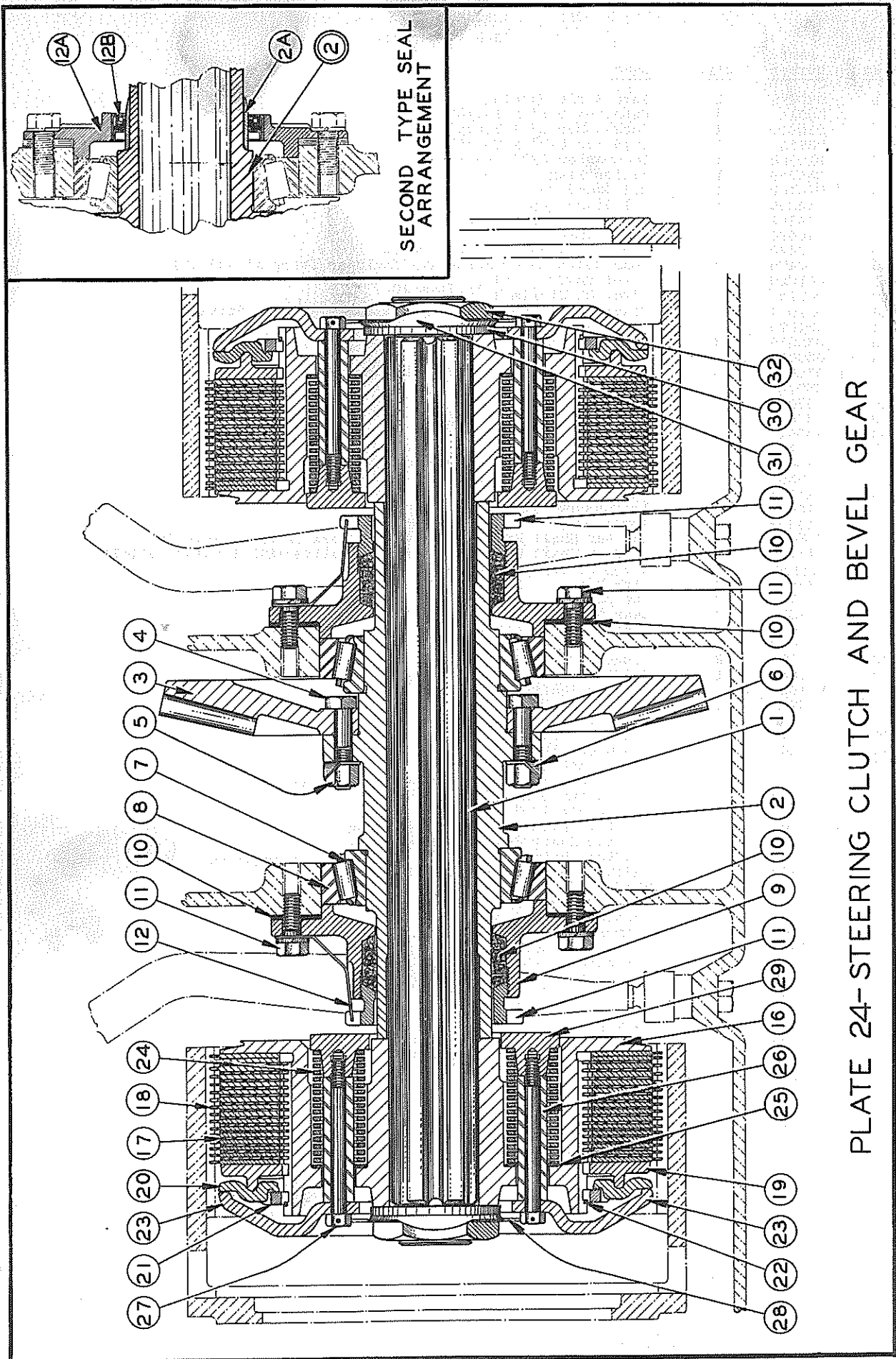


PLATE 24-STEERING CLUTCH AND BEVEL GEAR

STEERING CLUTCH AND BEVEL GEAR
(See Plate 24)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	70122	1	Bevel Gear Shaft
2	70826	1	Bevel Gear Hub (For Tractors prior to HD14-612)
	044573	1	Bevel Gear Hub Assembly (Effective with HD14-612. Includes item 2A)
2A	044567	2	Bevel Gear Hub Sleeve (Effective with HD14-612)
3	70183	1	Bevel Gear
4	71003	12	Bolt
5	72366	12	High Nut
6	70140	6	Nut Lock
7	210765	2	Bearing Roller Assembly
8	210766	2	Bearing Cup
9	70137	2	Bearing Retainer
10	70133	8	Packing
11	70131	2	Gland Nut
12	70132	2	Gland Nut Lock
12A	044572	2	Bearing Retainer
12B	044576	2	Oil Seal
13	70135	26	Shim .005" Thick
	70136	26	Shim .010" Thick
14	36707	12	Capscrew 5/8" x 1-3/4"
	910808	12	Lockwasher 5/8" Heavy
15	042473	2	Steering Clutch Assembly (Consists of items 16 to 29 inclusive)
16	042472	2	Steering Clutch Hub
17	70127	28	Inner Clutch Disc 3/32" Thick (Steel)
	043516	2	Inner Clutch Disc Shim 1/16" Thick (Use as required)
18	034908	32	Outer Clutch Disc (B1-Metallic)
19	044551	2	Driving Plate
20	042468	24	Finger Lever
21	044550	2	Fulcrum Ring
22	042471	2	Snap Ring
23	044549	2	Pressure Plate
24	042259	18	Pressure Spring
25	034300	54	Asbestos Insulating Washer
26	70119	18	Spring Spacer
27	70120	18	Capscrew 1/2" x 5-3/8"
28	70139	2	Lockwire 24" Long
29	70121	2	Shifter Plate
30	70150	2	Washer
31	70123	2	Lockwasher
32	70124	2	Nut

FINAL DRIVE
(See Plate 25)

1	70206	2	Brake Drum
2	70203	2	Driven Hub
3	70162	16	Capscrew 5/8" x 1-3/4"
4	35075	8	Lockwire 20" Long
5	70293	4	Key
6	034447	2	Final Drive Pinion
7	70801	2	Nut
8	70163	2	Lockwasher
9	70290	2	Felt Seal
10	70146	2	Oil Deflector
11	70147	2	Oil Deflector
12	042889	2	Ball Bearing
13	70177	1	Bearing Cage - Right
	70178	1	Bearing Cage - Left
14	71000	2	Snap Ring
15	70148	2	Bearing Cage Gasket
16	032050	10	Capscrew 5/8" x 1-1/4" - Thin Head
	910808	10	Lockwasher 5/8" Heavy
18	042838	2	Ball Bearing
19	70164	2	Bearing Cover
20	70769	2	Bearing Cover Gasket
21	35440	10	Capscrew 5/8" x 1-1/2"
	910808	10	Lockwasher 5/8" Heavy

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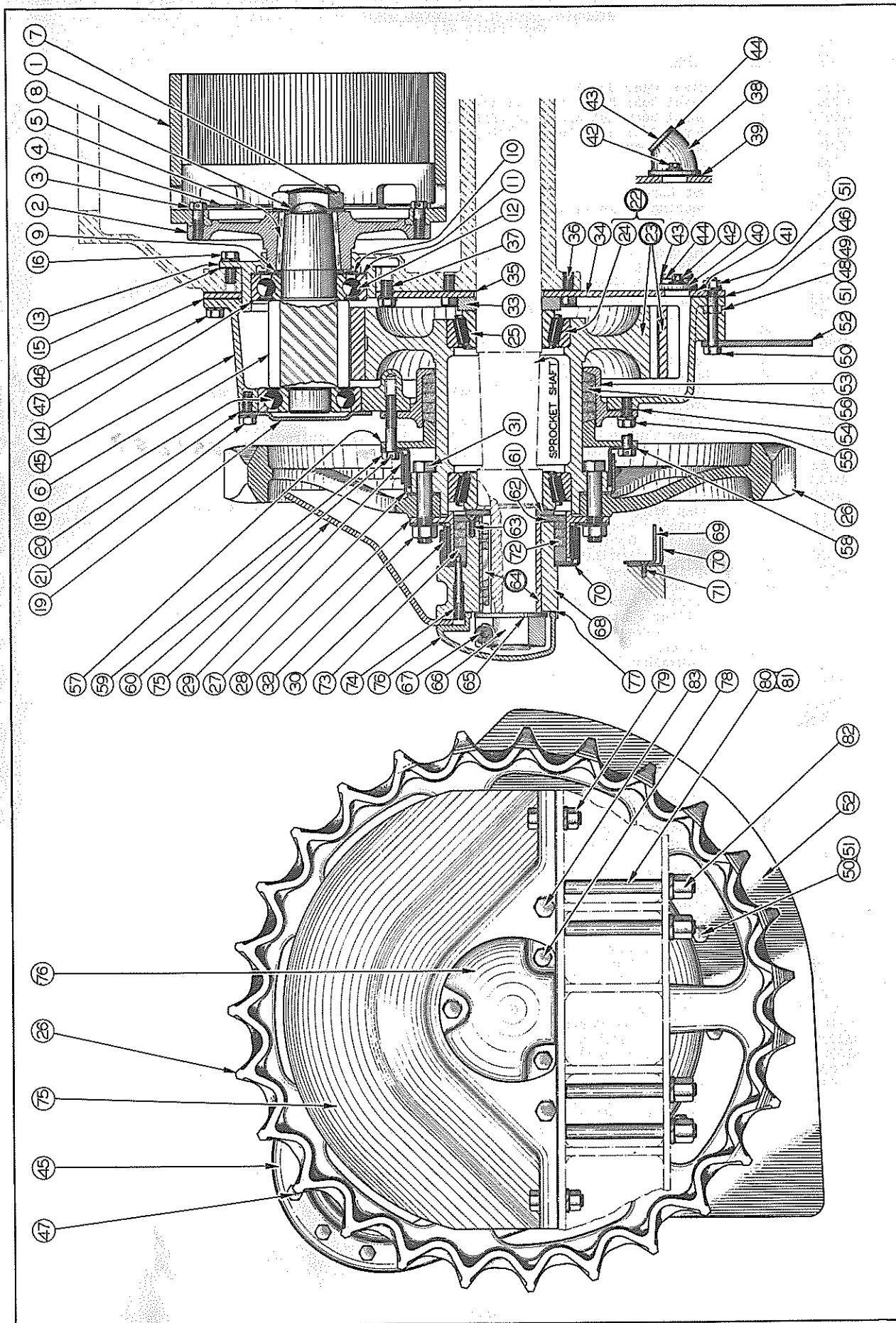


PLATE 25 - FINAL DRIVE

FINAL DRIVE (Continued)

(See Plate 25)

Item	Part Number	Qty.	Name
22	034450	2	Gear and Hub Assembly (Consists of Items 23 and 24)
23	034449	2	Gear and Hub Only (In 034450 Assembly. Separate Parts Not Serviced)
24	042882	4	Bearing Cup (In 034450 Assembly)
25	042883	4	Bearing Roller Assembly
	71371	2	Track Sprocket (Discontinued on tractor *HD14-960)
26	043956	2	Track Sprocket (Standard) }
	044050	2	Track Sprocket (For Snow) } Effective with tractor *HD14-960
27	70180	2	Hub Guard
28	71082	2	Gland Sleeve
29	034445	2	Outer Gland Guard
30	70171	2	Center Guard
31	12584	20	Sprocket Bolt 7/8" x 4-1/4"
	911046	20	Hex Nut 7/8" N.F.
32	70297	10	Nut Lock
33	034766	2	Spacer
34	70200	2	Side Plate
35	70175	2	Side Plate Gasket
36	35392	16	Capscrew 5/8" x 1-1/4"
	35159	8	Capscrew 5/8" x 1"
37	70291	8	Screw Lock
38	35264	2	Filler Flange
39	35252	2	Filler Flange Gasket
40	35263	2	Drain Flange
41	35251	2	Drain Flange Gasket
	36034	8	Capscrew 3/8" x 1"
42	910804	8	Lockwasher 3/8" Heavy
43	35250	4	Filler and Drain Plug
44	35249	4	Plug Gasket
45	70197	2	Gear Case
46	70202	2	Gear Case Gasket
	23755	20	Capscrew 5/8" x 2-1/4"
47	910808	20	Lockwasher 5/8" Heavy
48	23465	18	Capscrew 5/8" x 1-5/8"
49	70299	4	Capscrew 5/8" x 3-7/8"
50	45524	14	Capscrew 5/8" x 4-1/4"
	911044	36	Hex Nut 5/8" N.F.
51	910808	36	Lockwasher 5/8" Heavy
52	70287	2	Sprocket Guard - Lower (Inside)
53	70811	2	Gland Cup (Both Halves)
54	70179	2	Gland Cup Gasket
	35440	16	Capscrew 5/8" x 1-1/2"
55	910808	16	Lockwasher 5/8" Heavy
56	70289	10	Hub Packing
57	70126	2	Packing Gland (Both Halves)
58	70170	2	Gland Guard
59	70155	16	Capscrew 5/8" x 3-1/2"
60	70184	2	Lockwire 45" Long
61	70149	2	Washer
62	71081	2	Bearing Plate
63	70192	12	Flat Head Capscrew 3/8" x 1-1/8"
64	70800	2	Spacer Assembly (Includes 1-Key and 2-Rivets)
65	70150	2	Washer
66	034276	2	Clamp Nut
67	034277	2	Clamp Screw
68	040255	2	Rear Axle Bracket
69	040261	2	Inner Guard
70	040258	2	Outer Guard
71	35811	14	Flat Head Capscrew 1/4" x 3/4" (For Items 69 and 70)
72	70288	6	Packing
73	040257	2	Packing Ring
74	040262	6	Packing Ring Adjusting Screw 3-7/8" Long
75	040274	2	Sprocket Guard
76	040256	2	End Cover
77	040263	2	End Cover Gasket
	13238	6	Capscrew 3/4" x 2"
78	910809	6	Lockwasher 3/4" Heavy
	13465	4	Capscrew 3/4" x 2-1/2"
79	911045	4	Hex Nut 3/4" N.F.
	910809	4	Lockwasher 3/4" Heavy
80	040265	4	Bolt 7/8" x 10-1/4"
81	040266	4	Bolt 7/8" x 10-3/4"
	70400	8	High Nut
82	910810	8	Lockwasher 7/8" Heavy
	70103	4	Capscrew 7/8" x 2"
83	910810	4	Lockwasher 7/8" Heavy } Discontinued on tractor HD14-643
	040181	4	Plug (Effective with tractor HD14-643)

*Including HD14-743, 933, 934 and 944.

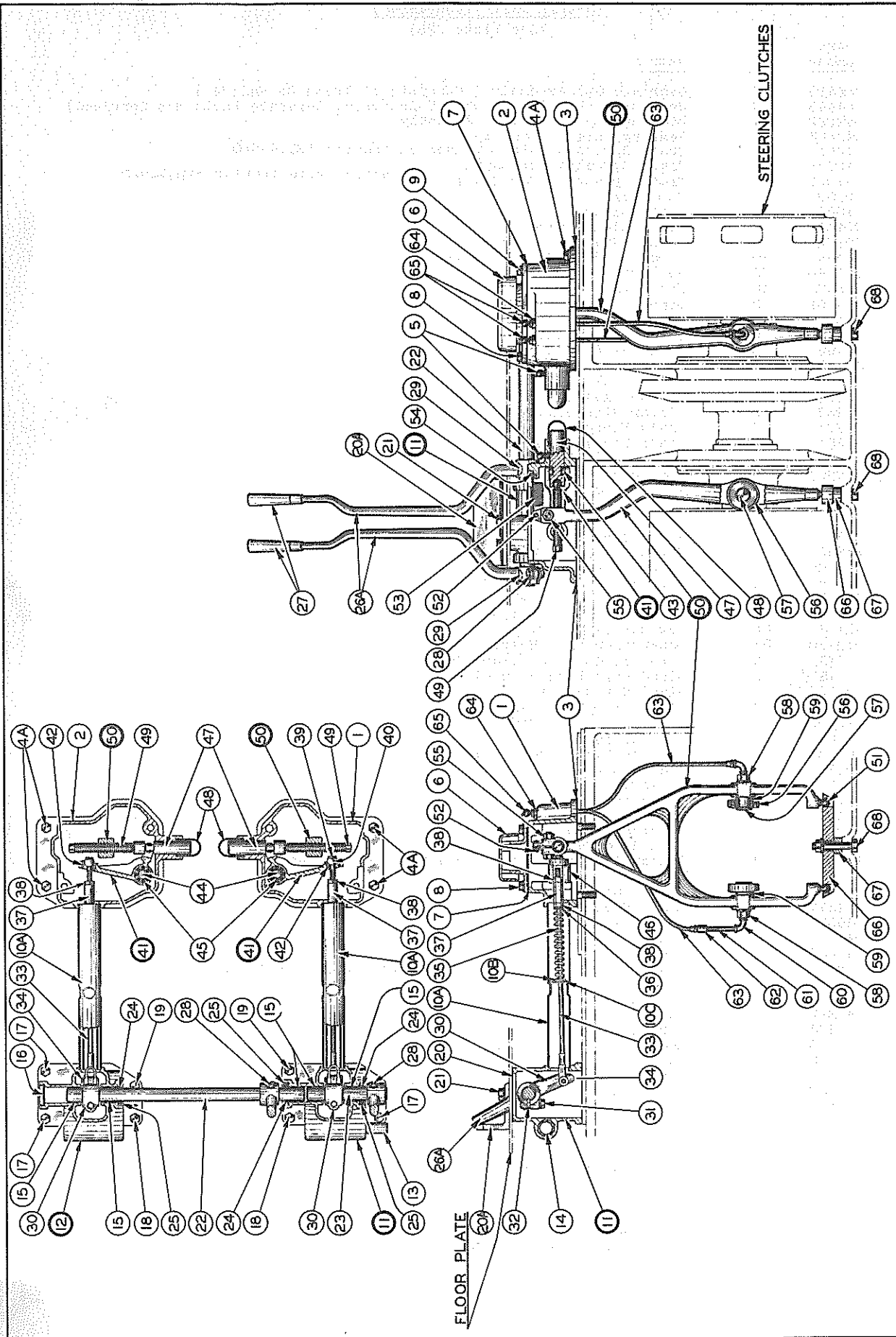


PLATE 26 - STEERING CLUTCH CONTROL

STEERING CLUTCH CONTROL
(See Plate 26)

Item	Part Number	Qty.	Name				
1	040551	1	Steering Clutch Cover - Left				
2	040552	1	Steering Clutch Cover - Right				
3	040544	2	Clutch Cover Gasket				
4	35014	4	Capscrew 5/8" N.F. x 1-1/2"	}	Discontinued on Tractor HD14-364		
	910808	4	Lockwasher 5/8" Heavy				
4A	35440	4	Capscrew 5/8" N.C. x 1-1/2"	}	Effective with Tractor HD14-364		
	910808	4	Lockwasher 5/8" Heavy				
5	911160	2	Grease Fitting				
6	040179	2	Ventilating Cover				
7	72431	2	Ventilating Cover Gasket				
8	45559	4	Capscrew 5/8" x 6-1/2"				
9	35061	4	Capscrew 1/2" x 1-1/4"				
10	042541	2	Tube (Discontinued on HD14-612. Order items 10A, 10B and 10C)				
10A	044591	2	Tube				
10B	044592	2	Spring Stop Washer	}	Effective with HD14-612 but later discontinued. Order 047242 Tube		
10C	044593	2	Eccentric Washer				
11	040565	1	Bracket Assembly - Left (Includes items 13, 14 and 3 of item 15)				
12	040566	1	Bracket Assembly - Right (Includes items 14 and 2 of item 15)				
13	040569	1	Brake Pedal Shaft - Left (In item 11 only)				
14	35285	2	Bushing 1-1/2" Long	}	In items 11 and 12		
15	71899	5	Bushing 1-7/16" Long				
16	72432	1	Cup Plug (For item 12)				
	034683	4	Capscrew 5/8" x 1-3/4"				
17	911044	4	Hex Nut 5/8" N.F.				
	910808	4	Lockwasher 5/8" Heavy				
18	36707	2	Capscrew 5/8" x 1-3/4"				
	910808	2	Lockwasher 5/8" Heavy				
19	70590	2	Capscrew 5/8" x 1-1/8"				
	910808	2	Lockwasher 5/8" Heavy				
20	040559	2	Bracket Gasket				
20A	041346	1	Lever Stop				
	35190	4	Capscrew 1/2" x 1-1/2"				
21	910806	4	Lockwasher 1/2" Heavy				
22	040558	1	Cross Shaft				
23	040557	1	Stub Shaft				
24	034673	6	Packing				
25	72601	3	Packing Retainer				
26	040574	2	Steering Lever 25" Long (Discontinued on Tractor *HD14-200)				
26A	042417	1	Steering Lever 30" Long (Left)	}	Effective with Tractor *HD14-200		
	042418	1	Steering Lever 30" Long (Right)				
27	033904	2	Steering Lever Grip				
	35068	2	Capscrew 1/2" x 2-1/4"				
28	38234	2	High Nut				
29	905128	2	Woodruff Key #15				
	040573	2	Lever Arm (Discontinued on HD14-612)				
30	044589	2	Lever Arm (Effective with HD14-612)				
	35236	2	Capscrew 1/2" x 1-3/4"				
31	910806	2	Lockwasher 1/2" Heavy				
32	040556	2	Key				
33	044590	2	Rod				
	044594	2	Yoke Pin				
34	910967	2	Cotter Pin 1/8" x 7/8"				
35	040553	2	Spring				
36	910244	2	Washer 1/2" Standard (4 used prior to HD14-612)				
37	040550	2	Rod Connector				
38	911042	4	Hex Nut 7/16" N.F.				
39	030182	2	Capscrew 7/16" x 3"				
40	030181	2	Ball				
41	72410	2	Bell Crank Assembly (Includes items 42 and 43)				
42	45266	2	Hardened Bushing	}	In item 41		
43	72422	4	Bell Crank Stud				
44	72426	2	Bell Crank Pivot Pin				
	042828	2	Bearing Roller Assembly				
45	042829	2	Bearing Race				
46	72427	2	Washer				
47	72425	2	Thrust Pin				
48	70939	2	Thrust Pin Cover				
49	70579	2	Adjusting Screw				
50	044381	2	Throwout Fork Assembly (Includes item 51. Formerly Part No. 70572)				
51	35878	4	Pivot Ball (In item 50)				
52	70593	2	Pin				
	900942	2	Cotter Pin 3/32" x 5/8"				
53	034258	2	Throwout Fork Spring	62	901763	2	Pipe Coupling 1/8" Standard
54	35793	2	Dowel Pin	63	45496	4	Grease Tube
	35067	2	Capscrew 1/2" x 2"	64	911049	4	Hex Jam Nut 5/8" N.F.
55	911043	2	Hex Nut 1/2" N.F.	65	911160	4	Grease Fitting
	042306	4	Ball Bearing	66	71120	2	Throwout Fork Equalizer
57	034346	4	Bearing Pin	67	71121	2	Equalizer Spacer
	911045	4	Hex Nut 3/4" N.F.	68	70299	2	Capscrew 5/8" x 3-7/8"
58	910809	4	Lockwasher 3/4" Heavy		911044	2	Hex Nut 5/8" N.F.
59	034347	4	Spacer		910808	2	Lockwasher
60	907059	4	90° Street Ell 1/8"				
61	901471	2	Pipe Nipple 1/8" x 3"				

*Also tractors HD14-21, 158, 160, 167, 169, 171, 173, 175 to 180 inclusive, 183 and 190.

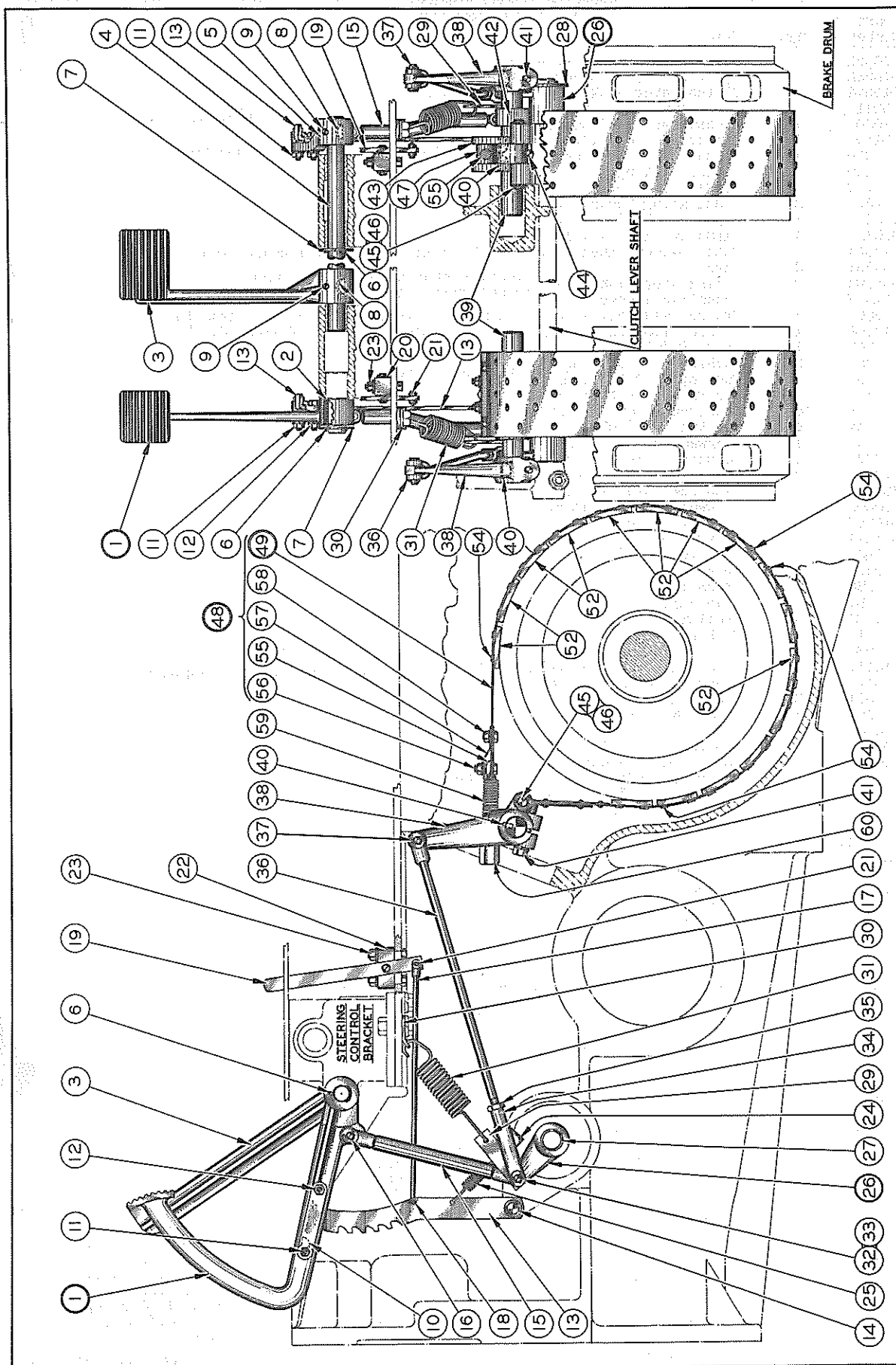


PLATE 27 — BRAKES (FIRST TYPE)

BRAKES

Item	Part Number	Qty.	Name
<u>FIRST TYPE</u> - Discontinued on tractor HD14-364. (See Plate 27)			
1	040616	1	Pedal Lever Assembly - Left (Includes item 2)
2	35285	1	Bushing (In item 1)
3	040618	1	Pedal Lever - Right
4	040632	1	Brake Pedal Shaft
5	040635	1	Lever
6	910259	2	Cotter Pin 5/32" x 1-3/4"
7	911159	2	Plain Washer 1" S.A.E.
8	36997	2	Woodruff Key #13 - Hardened
9	903093	2	Headless Cup Point Set Screw 3/8" N.C. x 5/8"
10	040619	2	Lock Finger
11	35336	2	Capscrew 3/8" x 1-3/4"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
12	U-3198	2	Capscrew 3/8" x 1-1/2"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
13	040620	2	Pedal Lever Ratchet
14	36740	2	Capscrew 1/2" x 1-3/4"
	910244	2	Plain Washer 1/2" S.A.E.
	45276	2	Spacer
15	911043	2	Hex Nut 1/2" N.F.
	910806	2	Lockwasher 1/2" Heavy
	040621	2	Pedal Rod
16	033072	2	Yoke Pin with 1/8" x 7/8" Cotter Pin
17	040622	2	Ratchet Rod
18	900800	2	Cotter Pin 1/16" x 3/4"
19	040629	2	Latch Lever
20	911115	2	Plain Washer 3/8" S.A.E.
	900805	2	Cotter Pin 1/8" x 3/4"
	033068	2	Yoke Pin with 1/16" x 7/16" Cotter Pin
22	040630	2	Bearing Block
23	46419	4	Capscrew 3/8" x 2"
	911041	4	Hex Nut 3/8" N.F.
	910804	4	Lockwasher 3/8" Heavy
24	040625	2	Spring Clip
25	35887	2	Spring
26	040624	2	Lever Assembly (Includes item 27)
27	35285	4	Bushing (In item 26)
28	911159	1	Plain Washer 1" S.A.E.
	910259	1	Cotter Pin 5/32" x 1-3/4"
	040626	2	Spring Clip
30	040628	2	Spring Clip
31	70343	2	Spring
32	040623	2	Yoke Pin
33	900806	4	Cotter Pin 1/8" x 1"
34	033059	2	Yoke End
35	911043	2	Hex Nut 1/2" N.F.
36	040627	2	Brake Rod
37	033072	2	Yoke Pin with 1/8" x 7/8" Cotter Pin
38	040631	2	Band Lever
39	040634	2	Band Lever Shaft
40	034593	6	Woodruff Key #18 - Hardened
41	35068	2	Capscrew 1/2" x 2-1/4"
	910806	2	Lockwasher 1/2" Heavy
	70937	2	Spacer
43	71442	2	Bell Crank
44	12871	2	Capscrew 1/2" x 2-3/4"
	910806	2	Lockwasher 1/2" Heavy
	37013	2	Band Pin
46	900806	4	Cotter Pin 1/8" x 1"
47	71438	2	Swivel Pin
48	040187	2	Brake Band Assembly (Consists of items 49 to 58 inclusive)
49	040188	2	Brake Band and Lining Assembly (Includes items 52 and 54)
52	040191	32	Brake Band Lining (Bi-Metallic)
54	042496	160	Steel Rivet 3/16" x 3/8"
55	71426	2	Band End
56	12992	4	Capscrew 3/8" x 1-1/4"
	911041	4	Hex Nut 3/8" N.F.
	910804	4	Lockwasher 3/8" Heavy
57	71155	2	Band Reinforcing Clip
58	36032	4	Capscrew 3/8" x 3/4"
	911041	4	Hex Nut 3/8" N.F.
	910804	4	Lockwasher 3/8" Heavy
59	71436	2	Brake Band Spring
60	043239	2	Adjusting Nut

SERVICE NOTE: On tractors prior to HD14-364 which are equipped with the above Brake parts, it is recommended that the Brake mechanism be changed to the later type as shown on pages 58 and 59. The necessary parts to make the change may be secured by ordering Brake Band Changeover Group #043228.

(Continued)

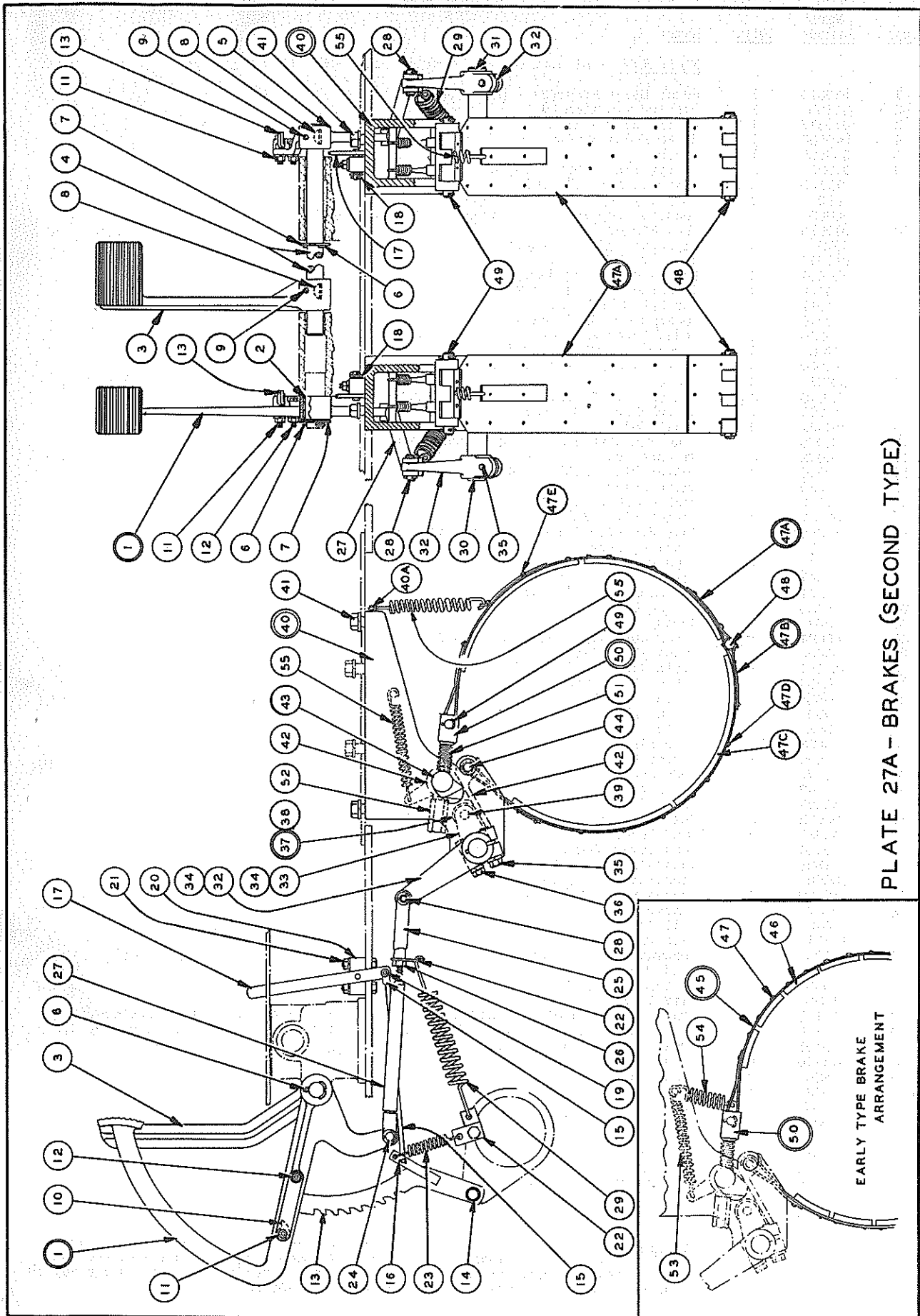


PLATE 27A - BRAKES (SECOND TYPE)

BRAKES (Continued)

Item	Part Number	Qty.	Name
<u>SECOND TYPE</u> - Effective with Tractor HD14-364 (See Plate 27A)			
1	043088	1	Pedal Lever Assembly - Left (Includes item 2)
2	35285	1	Bushing (In item 1)
3	043116	1	Pedal Lever - Right
4	040632	1	Brake Pedal Shaft
5	043120	1	Lever
6	910259	2	Cotter Pin 5/32" x 1-3/4"
7	900822	2	Plain Washer 1" S.A.E.
8	36997	2	Woodruff Key #13 - Hardened
9	903093	2	Headless Cup Point Set Screw 3/8" N.C. x 5/8"
10	040619	2	Lock Finger
11	35336	2	Capscrew 3/8" x 1-3/4"
	911041	2	Hex Nut 3/8" N.F.
12	910804	2	Lockwasher 3/8" Heavy
	U-3188	2	Capscrew 3/8" x 1-1/2"
13	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
14	043090	2	Pedal Lever Ratchet
	36740	2	Capscrew 1/2" x 1-3/4"
15	910244	2	Plain Washer 1/2" S.A.E.
	45276	2	Spacer
16	911043	2	Hex Nut 1/2" N.F.
	910806	2	Lockwasher 1/2" Heavy
17	043117	2	Ratchet Rod
18	900800	2	Cotter Pin 1/16" x 3/4"
19	040629	2	Latch Lever
20	911115	2	Plain Washer 3/8" S.A.E.
21	900805	2	Cotter Pin 1/8" x 3/4"
22	033068	2	Yoke Pin with 1/16" x 7/16" Cotter Pin
23	040630	2	Bearing Block
24	46419	4	Capscrew 3/8" x 2"
	911041	4	Hex Nut 3/8" N.F.
25	910804	4	Lockwasher 3/8" Heavy
	040625	6	Spring Clip
26	35887	2	Spring
27	033072	2	Yoke Pin with 1/8" x 7/8" Cotter Pin
28	033059	2	Yoke End
29	911043	2	Hex Nut 1/2" N.F.
30	043093	2	Brake Rod
31	033072	2	Yoke Pin with 1/8" x 7/8" Cotter Pin
32	35942	2	Spring
33	043215	1	Shaft - Left
34	043216	1	Shaft - Right
35	040631	2	Lever (Long)
36	043115	2	Lever (Short)
37	034583	6	Woodruff Key #18 - Hardened
38	35068	2	Capscrew 1/2" x 2-1/4"
	910806	2	Lockwasher 1/2" Heavy
39	35712	2	Capscrew 1/2" x 2-1/4"
	910806	2	Lockwasher 1/2" Heavy
40	043119	2	Roller Assembly (Includes item 38)
41	043121	2	Bushing (In item 37)
42	043118	2	Roller Pin
43	043909	1	Bracket Assembly - Left
44	043910	1	Bracket Assembly - Right
45	043882	2	Spring Support Pin (In item 40. Effective with HD14-612)
46	35392	6	Capscrew 5/8" x 1-1/4"
	910808	6	Lockwasher 5/8" Heavy
47	043114	2	Bell Crank
48	043113	2	Swivel Pin
49	043100	2	Band Pin
50	900806	4	Cotter Pin 1/8" x 1"
51	043096	4	Brake Band Assembly (Includes items 46 and 47. Order item 47BB)
52	040191	32	Brake Band Lining (Bi-metallic. Order items 47C, 47D and 47E)
53	042496	116	Steel Rivets 3/16" x 3/8" Long
	043097	44	Steel Rivets 3/16" x 1/2" Long
54	044420	2	Top Band with Lining } Tractors HD14-612 thru HD14- only.
55	044421	2	Bottom Band with Lining } Not serviced. Order item 47BB.
56	047339	2	Brake Band Assembly (Effective with Tractor HD14- Consists of 1-Top Band, 1-Bottom Band and items 47C thru 48)
57	044422	8	Brake Band Lining (Molded) } Effective with Tractor
58	911097	88	Brass Tubular Rivet 3/16" x 3/8" } HD14-612. Also see item 56.
59	910914	24	Brass Tubular Rivet 3/16" x 1/2" }
60	043099	2	Pin, Drilled End } Discontinued on HD14- Not serviced.
	900806	4	Cotter Pin 1/8" x 1" } Order 047269 Pin with 047270 Washers
61	047269	2	Pin, Rivet Type } Effective with HD14- In item 47BB
	047270	4	Washer }
62	043102	2	Band Pin
63	900806	4	Cotter Pin 1/8" x 1"
64	042944	2	Adjusting Fork Assembly (Discontinued on HD14-612. 1-Fork, 1-Stud)
	043885	2	Adjusting Fork Assembly (Effective on HD14-612. 1-Fork, 1-Stud)
65	71436	2	Spring
66	043239	2	Adjusting Nut
67	72458	4	Bell Crank Spring } Discontinued on Tractor HD14-612
68	034257	2	Adjusting Fork Spring }
69	043881	6	Spring (Effective with Tractor HD14-612)
70	047079		Brake Lining Package (Consists of two 044422 Linings, ten 910914 Rivets and twenty-four 911097 Rivets)

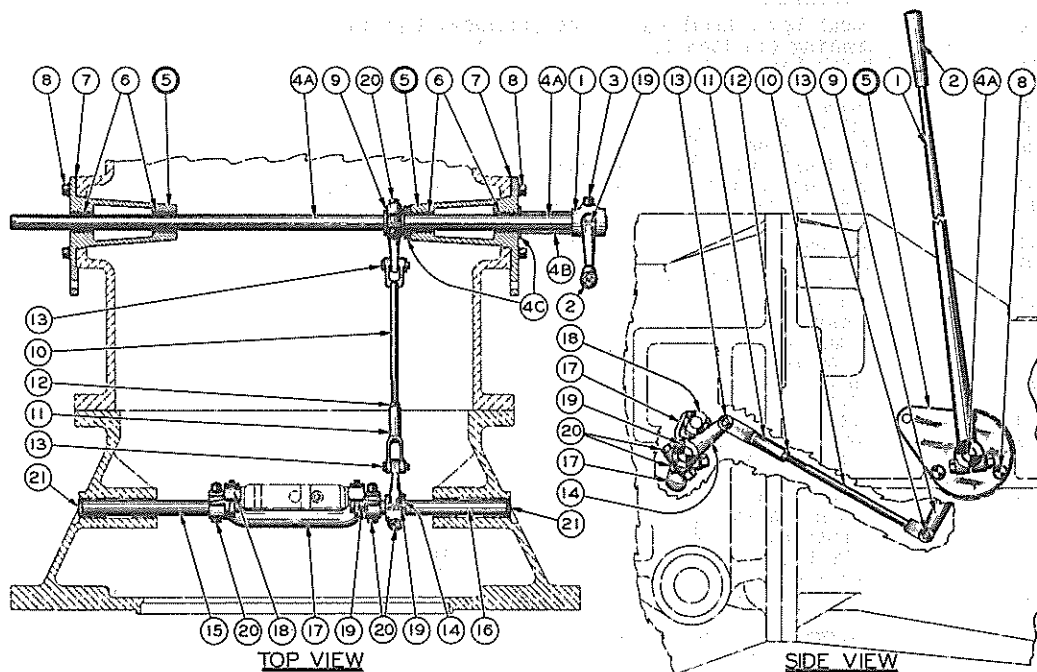


PLATE 21-MASTER CLUTCH CONTROL

MASTER CLUTCH CONTROL
(See Plate 21)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	040474	1	Master Clutch Hand Lever
2	033904	1	Lever Grip
3	35892	1	Capscrew 1/2" x 2-1/2"
	911043	1	Hex Nut 1/2" N.F.
	910806	1	Lockwasher 1/2" Heavy
	040471	1	Lever Shaft 37-1/2" Long (Discontinued on tractor HD14-364)
4A	042939	1	Lever Shaft 34" Long
4B	042896	1	Spacer
4C	911159	3	Plain Washer 1" S.A.E. } Effective with tractor HD14-364
5	040469	2	Bearing Cage Assembly (Includes item 6)
6	35285	4	Bushing 1-1/2" Long (In item 5)
7	70317	2	Bearing Cage Gasket
8	35061	6	Capscrew 1/2" x 1-1/4"
	910806	6	Lockwasher 1/2" Heavy
9	040473	1	Sub Lever
10	040107	1	Clutch Rod
11	033059	1	Adjustable Yoke End
12	911043	1	Hex Nut 1/2" N.F.
13	033072	2	Yoke Pin with 1/8" x 7/8" Cotter Pin
14	040472	1	Lever
15	040105	1	Yoke Shaft - Right
16	040468	1	Yoke Shaft - Left
17	040939	1	Throwout Yoke
18	040940	2	Sliding Block
19	36997	4	Woodruff Key #3 - Hardened
20	35068	4	Capscrew 1/2" x 2-1/4"
	911043	4	Hex Nut 1/2" N.F.
	910806	4	Lockwasher 1/2" Heavy
	910006	2	Expansion Plug 1-1/4" Diameter

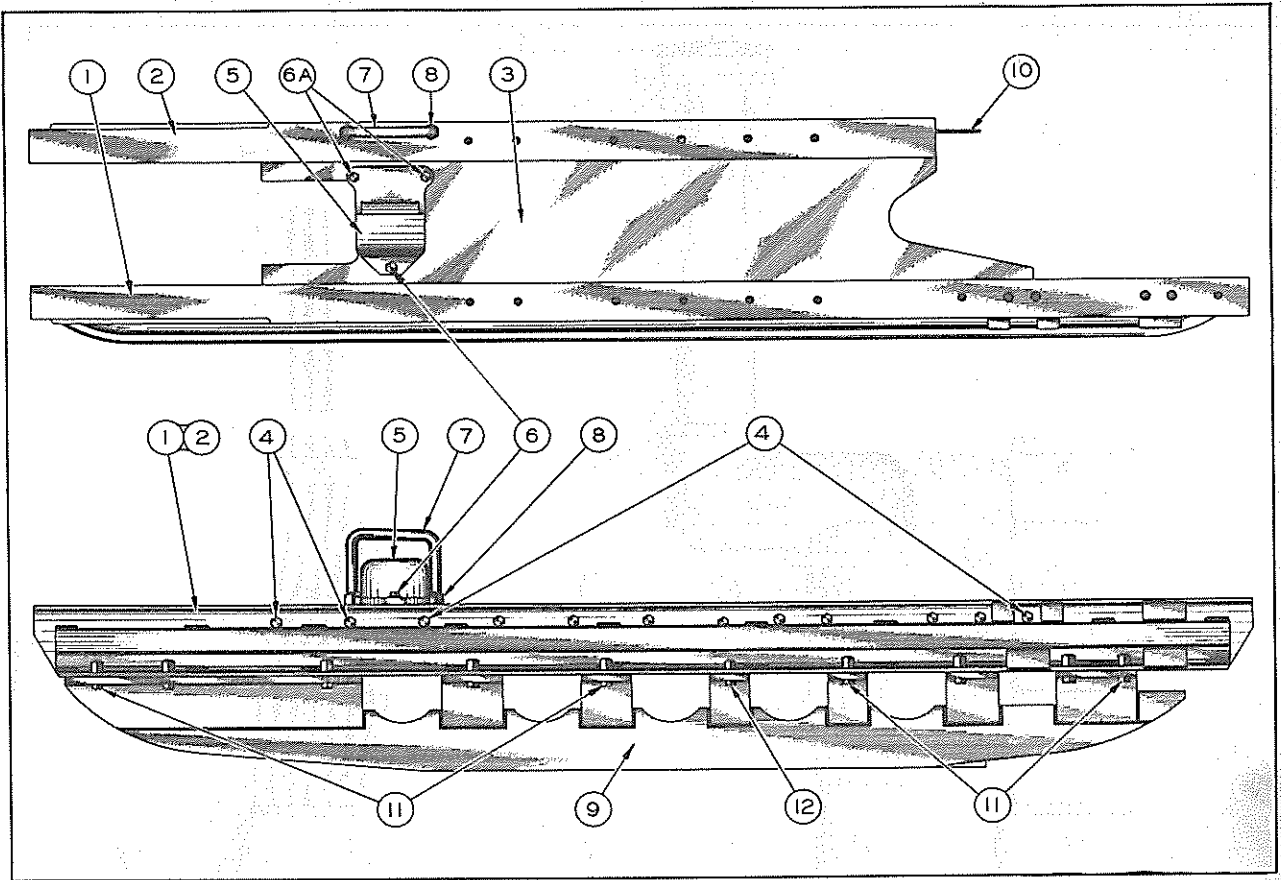


PLATE 29 - TRUCK FRAME

TRUCK FRAME
(See Plate 29)

Item	Part Number	Qty.	Name
1	{ 040533	1	Outer Channel - Left
	{ 040534	1	Outer Channel - Right
2	{ 040541	1	Inner Channel - Left
	{ 040542	1	Inner Channel - Right
3	{ 040319	1	Top Channel - Left
	{ 040320	1	Top Channel - Right
	12742	46	Capscrew 3/4" x 2-1/2"
4	{ 911045	46	Hex Nut 3/4" N.F.
	{ 910809	46	Lockwasher 3/4" Heavy
5	040201	2	Spring Seat
	36707	2	Capscrew 5/8" x 1-3/4"
6	{ 910808	2	Lockwasher 5/8" Heavy
	{ 35440	4	Capscrew 5/8" x 1-1/2"
6A	{ 910808	4	Lockwasher 5/8" Heavy
7	70850	2	U-Bolt
	911047	4	Hex Nut 1" N.F.
8	{ 911051	4	Hex Jam Nut 1" N.F.
	{ 034085	1	Outer Guard - Left
9	{ 034086	1	Outer Guard - Right
	{ 034083	1	Inner Guard - Left
10	{ 034084	1	Inner Guard - Right
	12742	30	Capscrew 3/4" x 2-1/4"
11	{ 12767	30	High Nut
	{ 35229	4	Capscrew 5/8" x 2"
12	{ 72366	4	High Nut

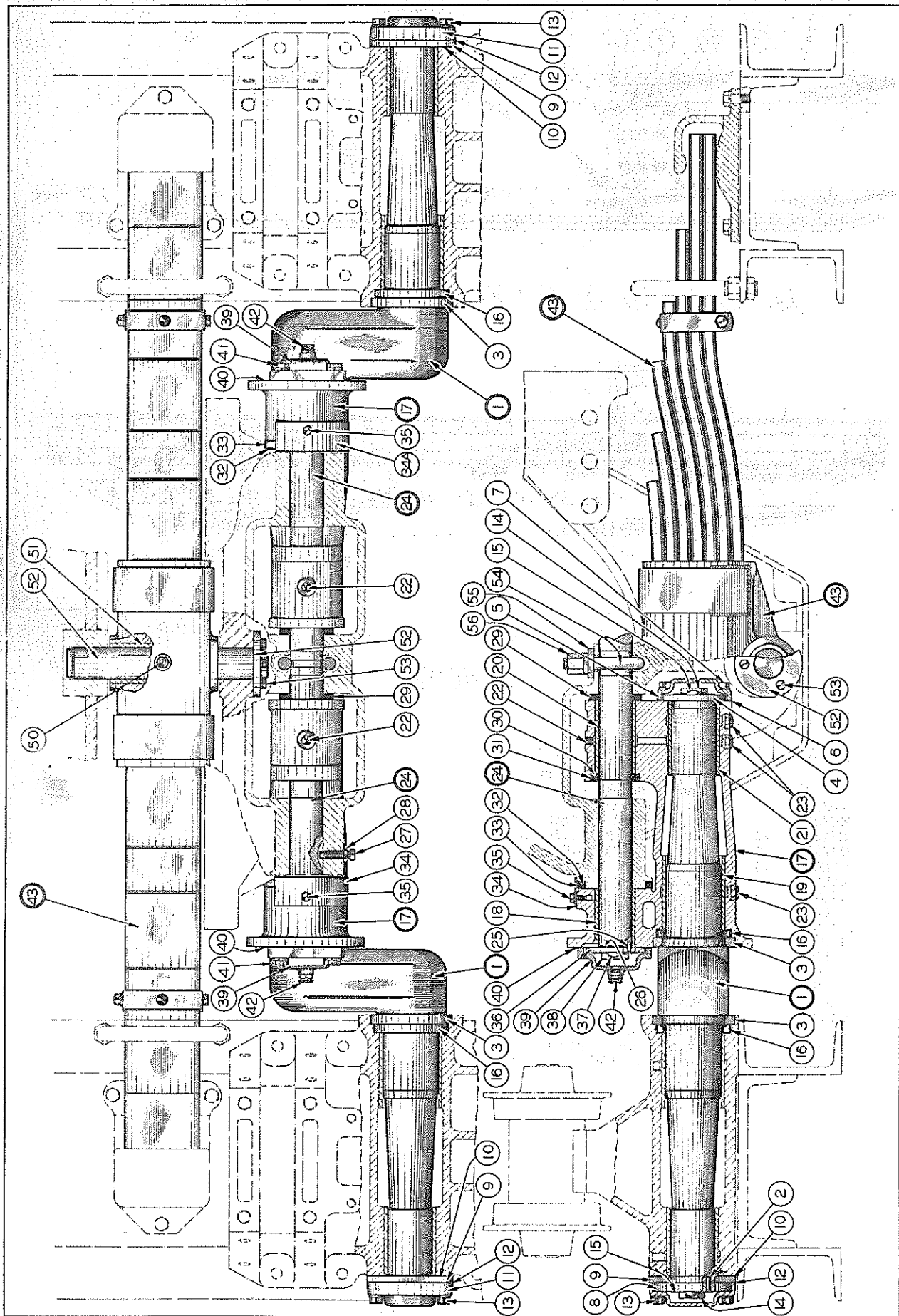


PLATE 28 - STABILIZER CRANK AND SPRING

STABILIZER CRANK AND SPRING
(See Plate 28)

Item	Part Number	Qty.	Name	
1	71823	2	Stabilizer Crank Assembly (Includes items 2 and 3)	
2	71086	8	Dowel Pin	} In item 1
3	71822	4	Collar	
4	71083	2	Thrust Washer (Inner)	
5	71087	2	Stabilizer Crank Cap (Inner)	
6	71084	2	Cap Gasket	
7	21797	8	Capscrew 5/8" x 1-3/4"	
	910808	8	Lockwasher 5/8" Heavy	
8	034990	2	Thrust Washer (Outer)	
9	034992	2	Washer	
10	034993	2	Gasket	
11	034989	2	Stabilizer Crank Cap (Outer)	
12	034991	2	Cap Gasket	
13	031990	8	Capscrew 5/8" x 2-1/2"	
	910808	8	Lockwasher 5/8" Heavy	
14	71085	4	Bolt	
15	71093	4	Lockwasher	
16	71947	4	Oil Seal	
	72522	2	Stabilizer Link Assembly (Discontinued on HD14- Order 047056)	} Both include item 18 thru 22
17	047056	2	Stabilizer Link Assembly (Effective with HD14-)	
18	72524	2	Bushing 4" Long (Outer)	} In item 17
19	70067	2	Bushing 5" Long (Outer)	
20	72523	2	Bushing 5" Long (Inner)	
21	70066	2	Bushing 5" Long (Inner)	
22	911081	2	Slotted Pipe Plug 1/4" Std.	
23	36045	6	Grease Fitting	
24	71835	1	Link Shaft Assembly (Discontinued on HD14-937. Order 047074)	} Both include item 25
	047074	1	Link Shaft Assembly (Effective with HD14-937)	
25	35793	4	Dowel Pin (In item 24)	
26	034805	2	Shim .010" Thick	} Use as required
	034806	2	Shim .030" Thick	
27	906750	1	Dog Point Set Screw 5/8" N.C. x 3"	
28	911036	1	Hex Jam Nut 5/8" N.C.	
29	70987	2	Felt Seal 3-1/2" O.D.	
30	71258	2	Felt Seal 3-3/16" O.D.	
31	71259	2	Felt Seal Retainer	
32	70988	2	Felt Seal 5-1/4" O.D.	
33	034819	2	Seal Band	
34	040423	1	Dirt Guard - Left	
34A	040424	1	Dirt Guard - Right	
35	35244	2	Capscrew 3/8" x 3/4"	
	910804	2	Lockwasher 3/8" Heavy	
36	70083	2	Thrust Washer (Discontinued on Tractor HD14-)	
	047069	2	Thrust Washer (Effective with Tractor HD14-)	
37	21525	2	Lockwasher	
38	71085	2	Bolt	
39	71820	2	Link Shaft Cap (Discontinued on Tractor HD14-)	
	047067	2	Link Shaft Cap (Effective with Tractor HD14-)	
40	71819	2	Cap Gasket (Discontinued on Tractor HD14-)	
	047068	2	Cap Gasket (Effective with Tractor HD14-)	
	28979	4	Capscrew 1/2" x 2-1/2"	} Discontinued on Tractor HD14-
	910806	4	Lockwasher 1/2" Heavy	
41	21797	8	Capscrew 5/8" x 1-3/4"	} Effective with Tractor HD14-
	910808	8	Lockwasher 5/8" Heavy	
42	36045	2	Grease Fitting	
43	040259	1	Stabilizer Spring Assembly (Includes item 44 thru 51)	
44	040031	1	Top Spring Leaf 23" Long	} In item 43
45	040212	1	Second Spring Leaf 32" Long	
46	040267	1	Third Spring Leaf 42" Long	
47	040268	1	Fourth Spring Leaf 49" Long	
48	040269	1	Fifth Spring Leaf 59" Long	
49	040270	2	Main Spring Leaf 72" Long	
50	033390	1	Center Bolt	
51	70413	2	Stabilizer Spring Bushing	
52	034971	1	Stabilizer Spring Pivot Pin	
53	13058	3	Capscrew 3/8" x 1-1/4"	
	910804	3	Lockwasher 3/8" Heavy	
54	047064	1	U-Bolt	} Effective with Tractor HD14-
55	047070	1	U-Bolt Plate	
56	70400	2	High Nut	
	910810	2	Lockwasher 7/8" Heavy	

NOTE: The effective tractor serial number covering the changes indicated above will be furnished at a later date.

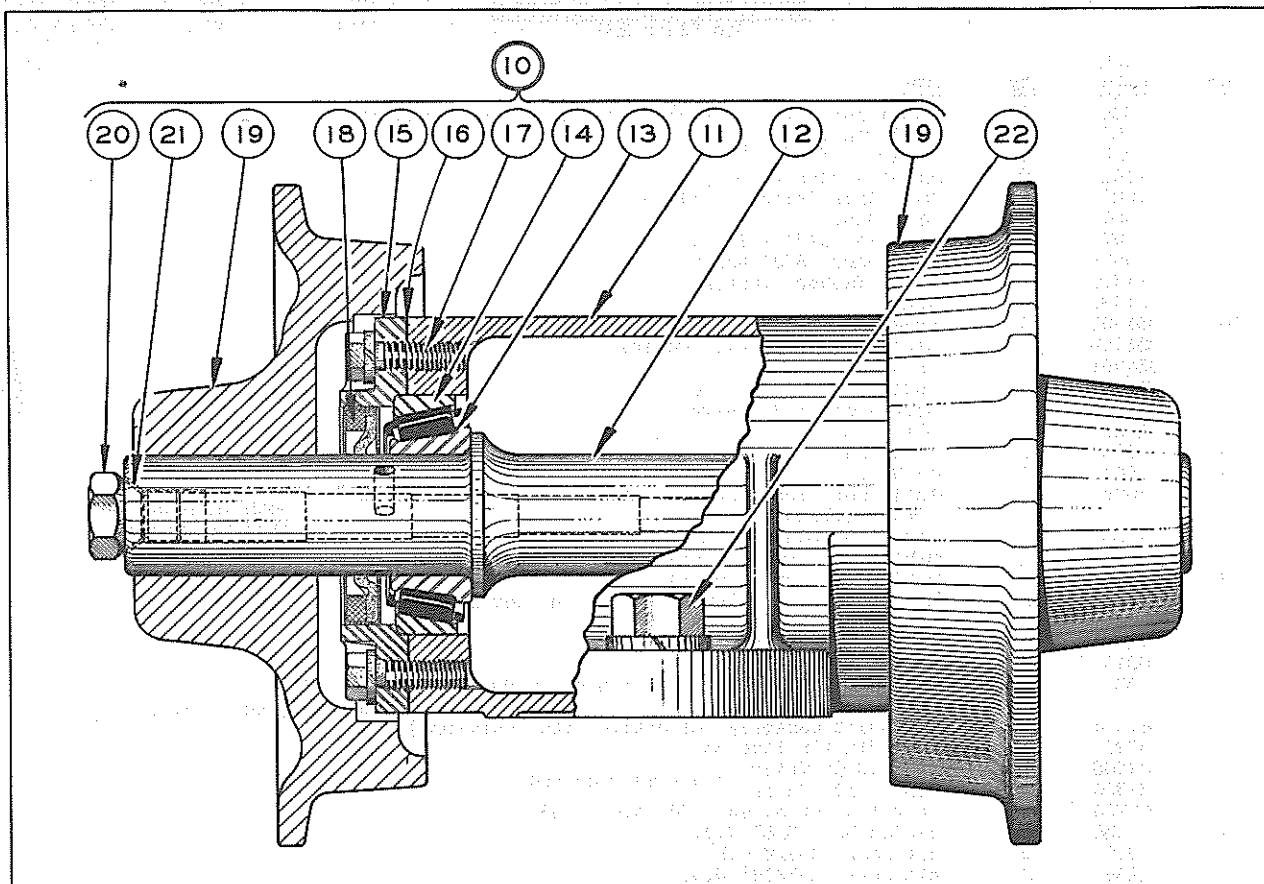


PLATE 30 — SUPPORT ROLLER

TRACK SUPPORT ROLLER (See Plate 30)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
10	043466	2	Support Roller Assembly (Includes items 11 to 21 inclusive)
11	040209	2	Support Roller Bracket
12	040205	2	Support Roller Shaft
13	042888	4	Bearing Roller Assembly
14	042887	4	Bearing Cup
15	{ 040208	4	Bearing Retainer (Discontinued on HD14-792)
	{ 043465	4	Bearing Retainer (Effective with HD14-792)
16	{ 040207	12	Shim .007" Thick } Use as required
	{ 040208	12	Shim .010" Thick }
17	{ 70192	24	Flat Head Capscrew 3/8" x 1-1/8" (Discontinued on HD14-792)
	{ 13058	24	Hex Head Capscrew 3/8" x 1-1/4" } Effective with HD14-792
	{ 910804	24	Lockwasher 3/8" Heavy }
18	043570	4	Oil Seal
19	{ 040204	4	Track Support Roller (Discontinued on HD14-760. Order 043461)
	{ 043461	4	Track Support Roller (Effective with tractor HD14-760)
20	034042	2	Shaft Plug
21	034043	2	Plug Gasket
22	{ 12742	4	Capscrew 3/4" x 2-1/4"
	{ 910809	4	Lockwasher 3/4" Heavy

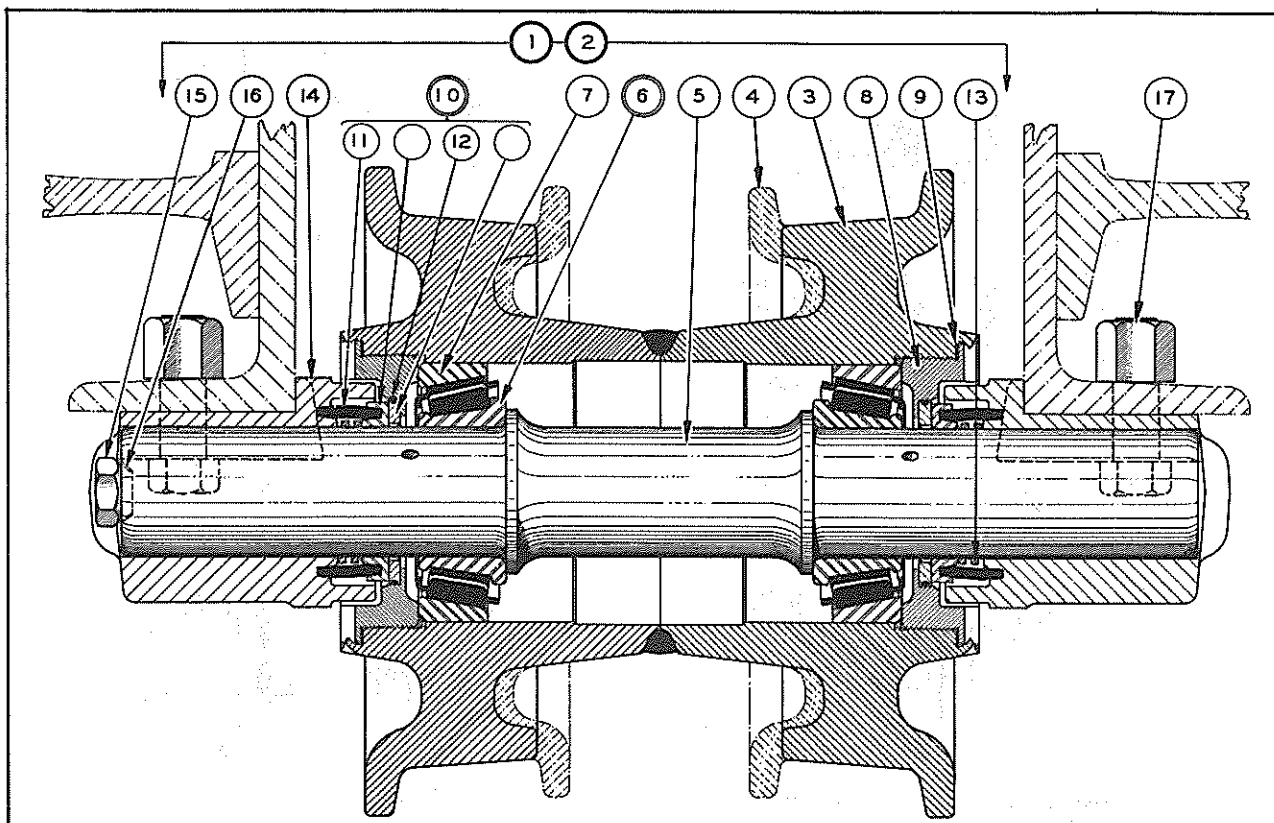


PLATE 31 - TRUCK WHEEL

TRUCK WHEEL
(See Plate 31)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>	
1	034469	6	Truck Wheel Assembly - Single Flange (Complete)	} Items 3 to 16
2	034470	4	Truck Wheel Assembly - Double Flange (Complete)	
3	034475	6	Truck Wheel only - Single Flange	
4	034476	4	Truck Wheel only - Double Flange	
5	034482	10	Truck Wheel Shaft	
6	042868	20	Bearing Roller Assembly	
7	042867	20	Bearing Cup	
8	034473	20	Bearing Retainer	
9	034479	30	Shim .007" Thick	} Use as required
	034478	30	Shim .010" Thick	
	034477	20	Shim .031" Thick	
10	044834	20	Seal Service Package (1-Seal Plate, 1-Seal Ring, 1-034471, 1-034474)	
11	034471	20	Seal Boot	} In Item 10
12	034474	20	Packing Ring	
13	044555	20	Seal Spring (Effective with tractor HD14-	
14	034480	20	Truck Wheel Bracket	
15	034042	10	Shaft Plug	
16	034043	10	Plug Gasket	
17	12742	40	Capscrew 3/4" x 2-1/4"	
	12767	40	High Nut	

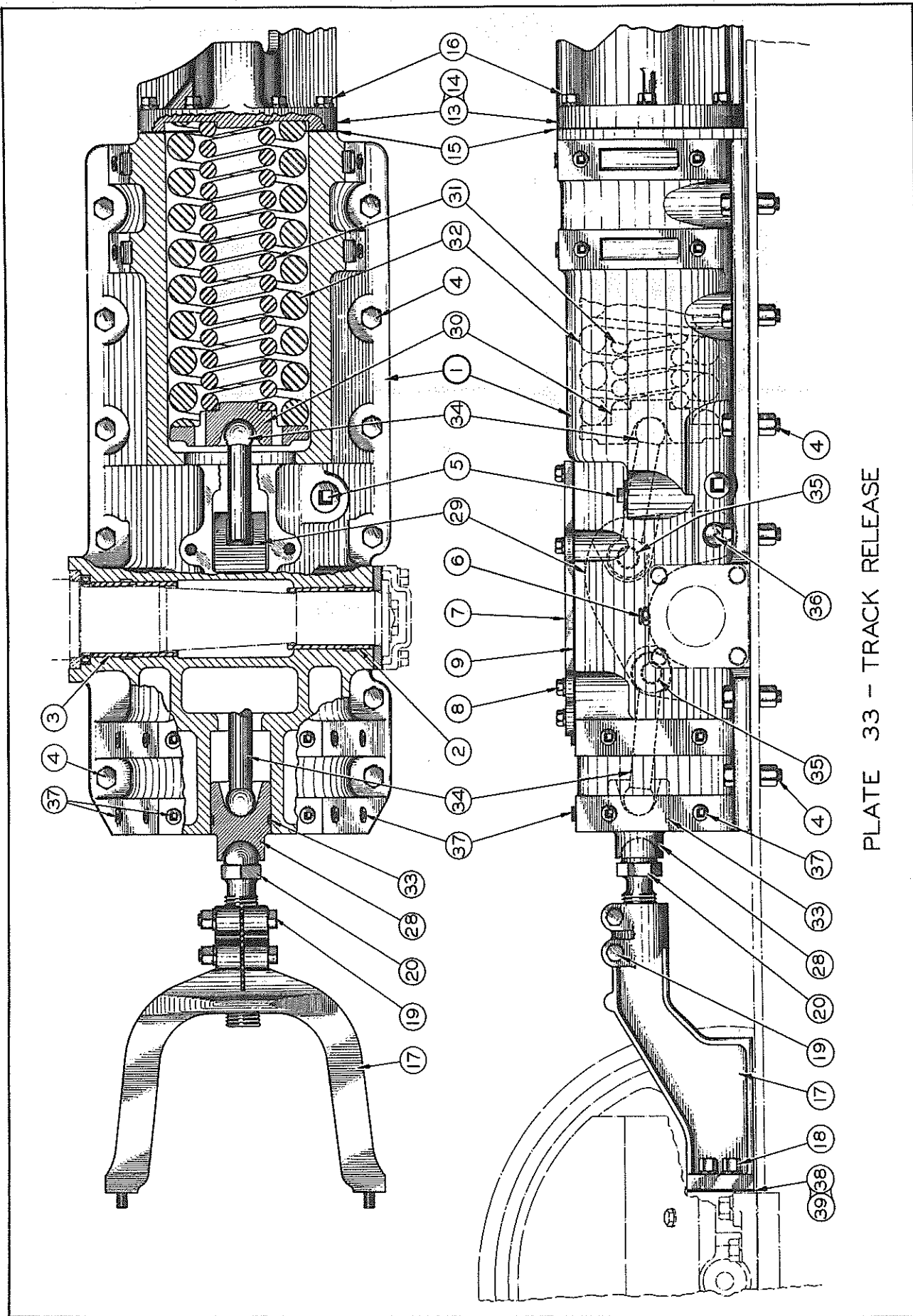
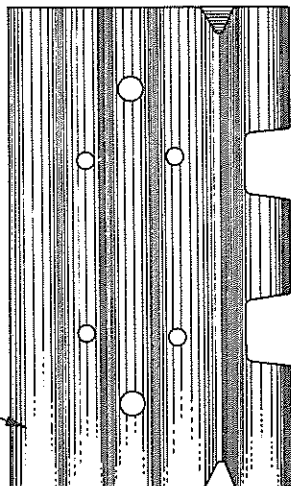


PLATE 33 - TRACK RELEASE

TRACK RELEASE
(See Plate 33)

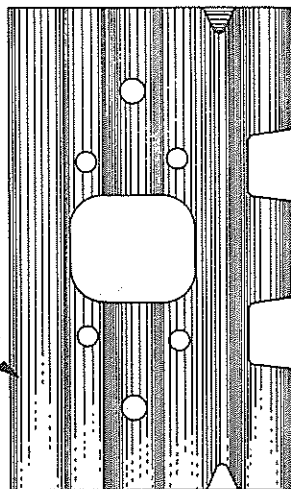
<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>	
1	034983	1	Release Housing Assembly - Lt. (Not serviced. Order 043257	Discontinued on Tractor HD14-525
	034984	1	Housing Assembly. For tractors prior to HD14-419, order item 40 also, if parts have not been previously installed)	
2	034984	1	Release Housing Assembly - Rt. (Not serviced. Order 043258	Effective with Tractor HD14-525
	043257	1	Housing Assembly. For tractors prior to HD14-419, order item 40 also, if parts have not been previously installed)	
3	043258	1	Release Housing Assembly - Lt. (Includes items 2 and 3)	In item 1
4	70066	2	Release Housing Assembly - Rt. (Includes items 2 and 3)	
5	70067	2	Stabilizer Crank Bushing - Outer	}
6	12984	24	Stabilizer Crank Bushing - Inner	
7	12767	24	Capscrew 3/4" x 2-3/4"	}
8	912769	2	High Nut	
9	36045	4	Pipe Plug 1-1/4" Standard	}
10	042215	2	Grease Fitting	
11	034978	2	Top Cover 3/4" Thick (For tractors prior to HD14-525)	}
12	71113	12	Top Cover 1/2" Thick (For tractor HD14-525 and above)	
13	910808	12	Capscrew 5/8" x 2"	}
14	034977	2	Lockwasher 5/8" Heavy	
15	034987	2	Top Cover Gasket	}
16	042201	1	Rear Cover (Discontinued on Tractor HD14-262. Not serviced. Order item 40)	
17	042202	1	Rear Cover - Left	}
18	043243	1	Rear Cover - Right	
19	043244	1	Rear Cover - Left	}
20	034982	2	Rear Cover - Right	
21	37576	12	Rear Cover Gasket	}
22	910808	12	Capscrew 5/8" x 5"	
23	034913	2	Lockwasher 5/8" Heavy	}
24	71113	8	Track Release Yoke	
25	910808	8	Capscrew 5/8" x 2"	}
26	35423	4	Lockwasher 5/8" Heavy	
27	12767	4	Capscrew 3/4" x 4-1/2"	}
28	034918	2	High Nut 3/4" N.F.	
29	034923	2	Adjusting Screw 2" N.C.	}
30	043262	2	Cross Head 5" Long (Discontinued)	
31	043222	2	Cross Head 4-3/8" Long (Replaced item 21)	}
32	043261	2	Bell Crank (Discontinued)	
33	043261	2	Bell Crank (Replaced item 23)	}
34	034981	2	Spring Plunger	
35	034920	2	Track Release Spring	}
36	040945	2	Track Release Stop (Discontinued)	
37	043217	2	Cross Head 4-11/32" Long	}
38	043887	2	Bell Crank	
39	043237	2	Spring Plunger	}
40	043247	2	Track Release Spring - Inner	
	043248	2	Track Release Spring - Outer	}
	034919	2	Cross Head Seal	
	034974	4	Push Rod	}
	034921	4	Push Rod Pin	
	034988	2	Bell Crank Shaft	}
	040181	48	Threaded Plug	
	042427	8	Shim 1/32" Thick	}
	042428	4	Shim 1/16" Thick	
	043263	1	Track Release Changeover Group (For tractors prior to HD14-419. Includes items 13 and 14; also two each of items 28, 29, 30, 31 and 32)	

22 23 24 17 18 19 21 20



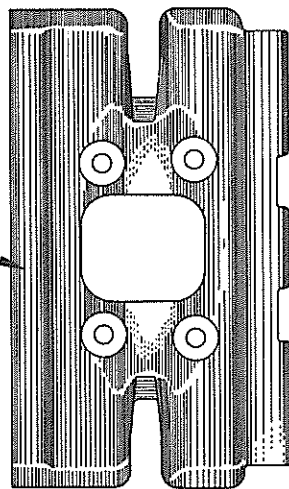
GROUSER SHOE

29 30 31 32 26 27 28 25



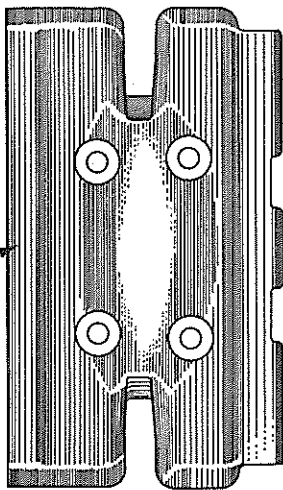
GROUSER SHOE-CUT OUT

34



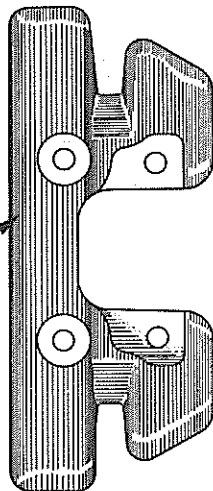
FLAT SHOE - CUT OUT

33



FLAT SHOE

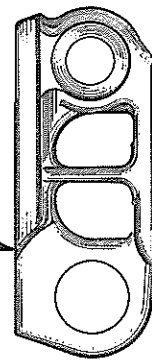
35



SKELETON SHOE

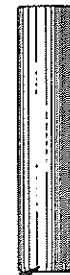
TRACK SHOES

2 9



SIDE BAR - LEFT SHOWN

4 14



TRACK PIN

3 13



MASTER PIN

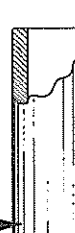
5 6 10



TRACK BUSHING

MASTER BUSHING

11 12



TRACK BOLT

36



HIGH NUT

37



TAPERED NUT

→ TRACK RAIL PARTS ←

PLATE 34 - TRACK

TRACK
(See Plate 34)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>FIRST TYPE TRACK PARTS</u> - Discontinued on Tractor *HD14-960			
1	030753	2	Track Rail Assembly - 35 Links (Includes items 2 to 5 inclusive)
2	030751	70	Side Bar - Left
	030752	70	Side Bar - Right
3	71781	68	Track Pin 8-3/4" Long } See item 7
4	71989	2	Master Pin 9-1/2" Long }
5	70042	70	Track Bushing 2-1/2" O.D. - 6-1/8" Long (Standard)
6	043848	70	Track Bushing 2-3/4" O.D. - 6-1/8" Long (For special service, see note below)
7	033858		Track Pin Package (Consists of 34 - 71781 Track Pin and 1 - 71989 Master Pin)

SERVICE NOTE: A special heavy shoulder bushing (Part No. 043848) has been made available for tractors prior to HD14-960 to replace Track Bushing 70042. Installation of this shoulder bushing requires the use of the latest type Track Sprocket. In order to effect this installation, Track Bushing Service Group No. 043955 has been made available. This consists of the following parts:

70	043848	Track Bushing
68	71781	Track Pin
2	71989	Master Pin
2	043956	Track Sprocket

<u>SECOND TYPE TRACK PARTS</u> - Effective with Tractor *HD14-960			
8	043615	2	Track Rail Assembly - 35 Links (Includes items 9 to 14 inclusive)
9	043613	70	Side Bar - Left
	043614	70	Side Bar - Right
10	043616	68	Track Bushing 2-3/4" O.D. - 7-1/4" Long } See item 15
11	043617	2	Master Bushing 2-3/4" O.D. - 6-1/8" Long }
12	043618	4	Master Bushing Spacer
13	043619	68	Track Pin 9-3/4" Long } See item 16
14	043621	2	Master Pin 10-1/4" Long }
15	044145		Track Bushing Package (Consists of 34 - 043616 Bushing, 1 - 043617 Master Bushing and 2 - 043618 Spacer)
16	044146		Track Pin Package (Consists of 34 - 043619 Track Pin and 1 - 043621 Master Pin)

TRACK SHOES

COMPLETE TRACK ASSEMBLIES (35 LINKS EACH)

				<u>Prior to **HD14-960</u>	<u>*HD14-960 and Above</u>
17	033117	70	Grouser Shoe 22" Standard	033118	043620
18	032549	70	Grouser Shoe 18"	032587	043970
19	030754	70	Grouser Shoe 20"	030723	043951
20	031730	70	Grouser Shoe 24"	031725	043957
21	032386	70	Grouser Shoe 18" Heat Treated	032582	043969
22	031729	70	Grouser Shoe 20" Heat Treated	031724	043966
23	033120	70	Grouser Shoe 22" Heat Treated	033121	043960
24	031731	70	Grouser Shoe 24" Heat Treated	031726	-----
25	032548	70	Grouser Shoe 18" Cut-out	032585	043968
26	032547	70	Grouser Shoe 20" Cut-out	032586	043965
27	033123	70	Grouser Shoe 22" Cut-out	033124	043961
28	044380	70	Grouser Shoe 24" Cut-out	-----	044383
29	032385	70	Grouser Shoe 18" Cut-out - Heat Treated	032583	043967
30	032546	70	Grouser Shoe 20" Cut-out - Heat Treated	032578	043958
31	033114	70	Grouser Shoe 22" Cut-out - Heat Treated	033115	043959
32	043422	70	Grouser Shoe 24" Cut-out - Heat Treated	043423	044165
33	033941	70	Flat Shoe 16"	033942	043964
34	033939	70	Flat Shoe 16" Cut-out	033940	043963
35	033937	70	Skeleton Shoe 16"	033938	043962

TRACK SHOE BOLTS AND NUTS

36	033925	280	Track Shoe Bolt
37	030750	140	Tapered Nut
38	12767	140	High Nut

*Including Tractors HD14-743, 933, 934 and 944.
**Except Tractors HD14-743, 933, 934 and 944.

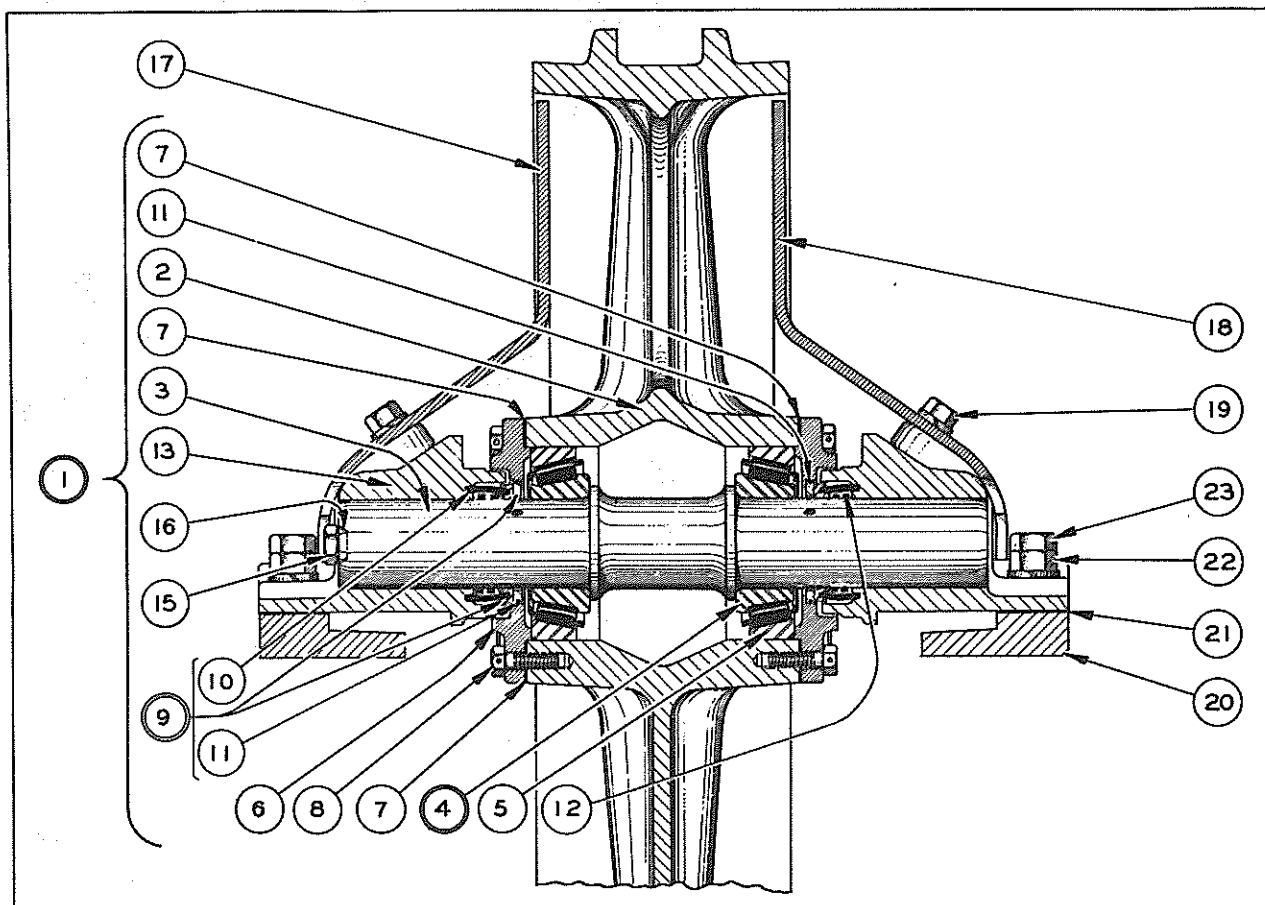


PLATE 32 - FRONT IDLER

FRONT TRACK IDLER
(See Plate 32)

Item	Part Number	Qty.	Name
1	034420	2	Front Track Idler Assembly (Items 2 to 16 inclusive)
2	034645	2	Front Track Idler only
3	034643	2	Front Idler Shaft
4	042873	4	Bearing Roller Assembly
5	042898	4	Bearing Cup
6	034642	4	Bearing Retainer
7	{ 034638	6	Shim .007" Thick
	{ 034639	6	Shim .010" Thick
	{ 034637	4	Shim .031" Thick
8	{ 23416	24	Capscrew
	{ 23756	4	Lockwire 26" Long
9	044829	4	Seal Service Package (1-Seal Plate, 1-Seal Ring, 1-034644, 1-034646)
10	034644	4	Seal Boot
11	034646	4	Packing Ring
12	044581	4	Seal Spring (Effective with tractor HD14-
13	034648	4	Front Idler Bracket
15	034042	2	Shaft Plug
16	034043	2	Plug Gasket
17	040005	2	Front Idler Guard - Left
18	040006	2	Front Idler Guard - Right
19	{ 35440	8	Capscrew 5/8" x 1-1/2"
	{ 910808	8	Lockwasher 5/8" Heavy
20	040002	4	Idler Bracket Guide
21	70512		Idler Bracket Shim (Use as required)
22	{ 70103	8	Capscrew 7/8" x 2"
	{ 910810	8	Lockwasher 7/8" Heavy
23	{ 70865	8	Capscrew 7/8" x 2-1/2"
	{ 910810	8	Lockwasher 7/8" Heavy

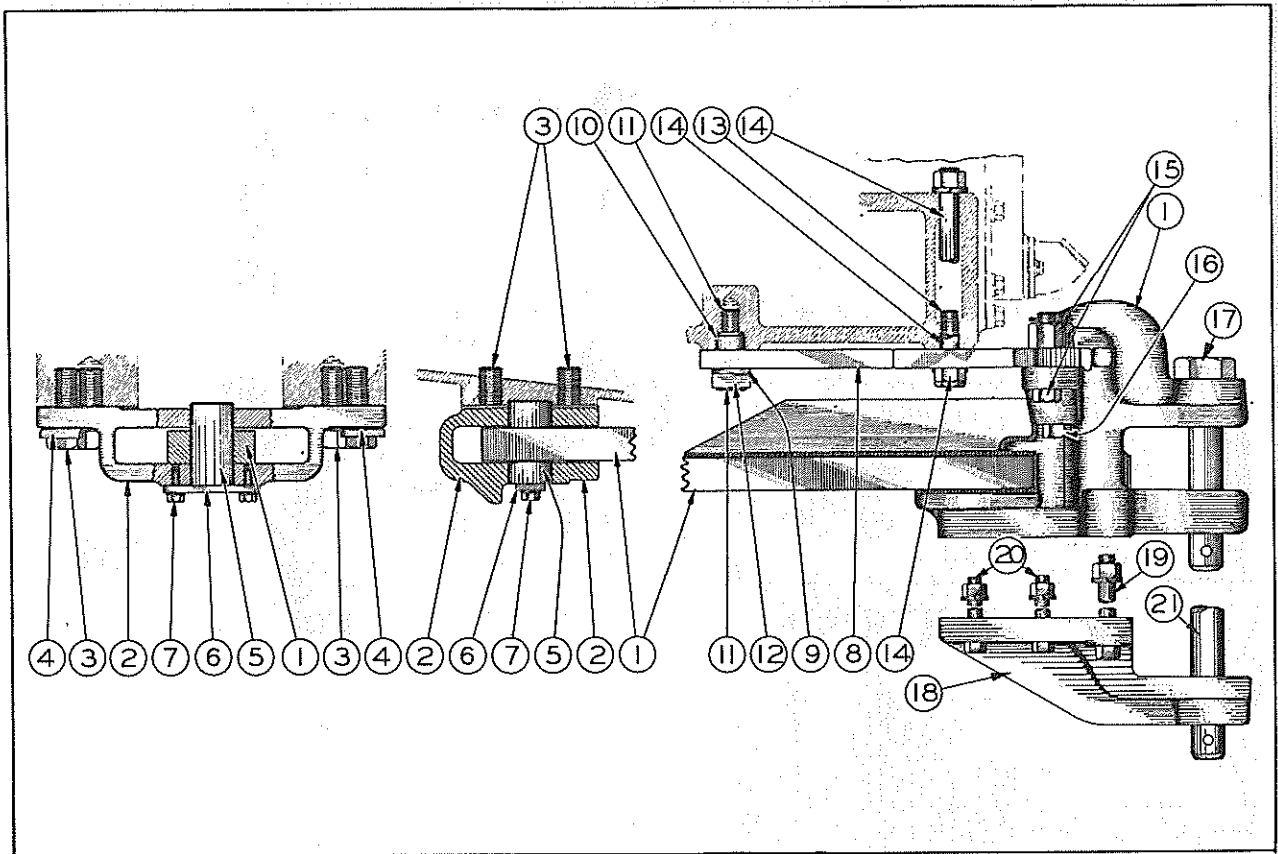


PLATE 35 - DRAWBAR

DRAWBAR
(See Plate 35)

Item	Part Number	Qty.	Name
1	040815	1	Drawbar
2	072268	1	Drawbar Stirrup
3	072266	4	Capscrew 1-1/4" x 3-1/4"
4	072534	2	Screw Lock
5	030918	1	Drawbar Pin (Front)
6	45102	1	Pin Clip
7	{ 35061	2	Capscrew 1/2" x 1-1/2"
	{ 910806	2	Lockwasher 1/2" Heavy
8	072264	1	Drawbar Plate
9	031913	1	Plate
10	70561	4	Plate Bushing
11	031914	4	Capscrew 1" x 3-1/2"
12	072267	2	Screw Lock
13	{ 70273	2	Capscrew 1" x 3-1/4"
	{ 910811	2	Lockwasher 1" Heavy
	{ 70861	2	Capscrew 1" x 10-1/2"
14	{ 911047	2	Hex Nut 1" N.F.
	{ 910811	2	Lockwasher 1" Heavy
	{ 034314	2	Capscrew 1" x 4" - Drilled End
15	{ 031056	2	High Nut 1" N.F.
	{ 900814	2	Cotter Pin 1/4" x 1-1/2"
	{ 040816	2	Capscrew 1" x 5-7/8" - Drilled End
16	{ 031056	2	High Nut 1" N.F.
	{ 900814	2	Cotter Pin 1/4" x 1-1/2"
17	031912	1	Coupling Pin
18	040819	1	Lower Drawbar Jaw
19	{ 031165	2	Capscrew 7/8" x 5"
	{ 911046	2	Hex Nut 7/8" N.F.
	{ 910810	2	Lockwasher 7/8" Heavy
20	{ 35422	4	Capscrew 3/4" x 4"
	{ 911045	4	Hex Nut 3/4" N.F.
	{ 910809	4	Lockwasher 3/4" Heavy
21	040818	1	Coupling Pin 15-1/2" Long

SPECIAL EQUIPMENT

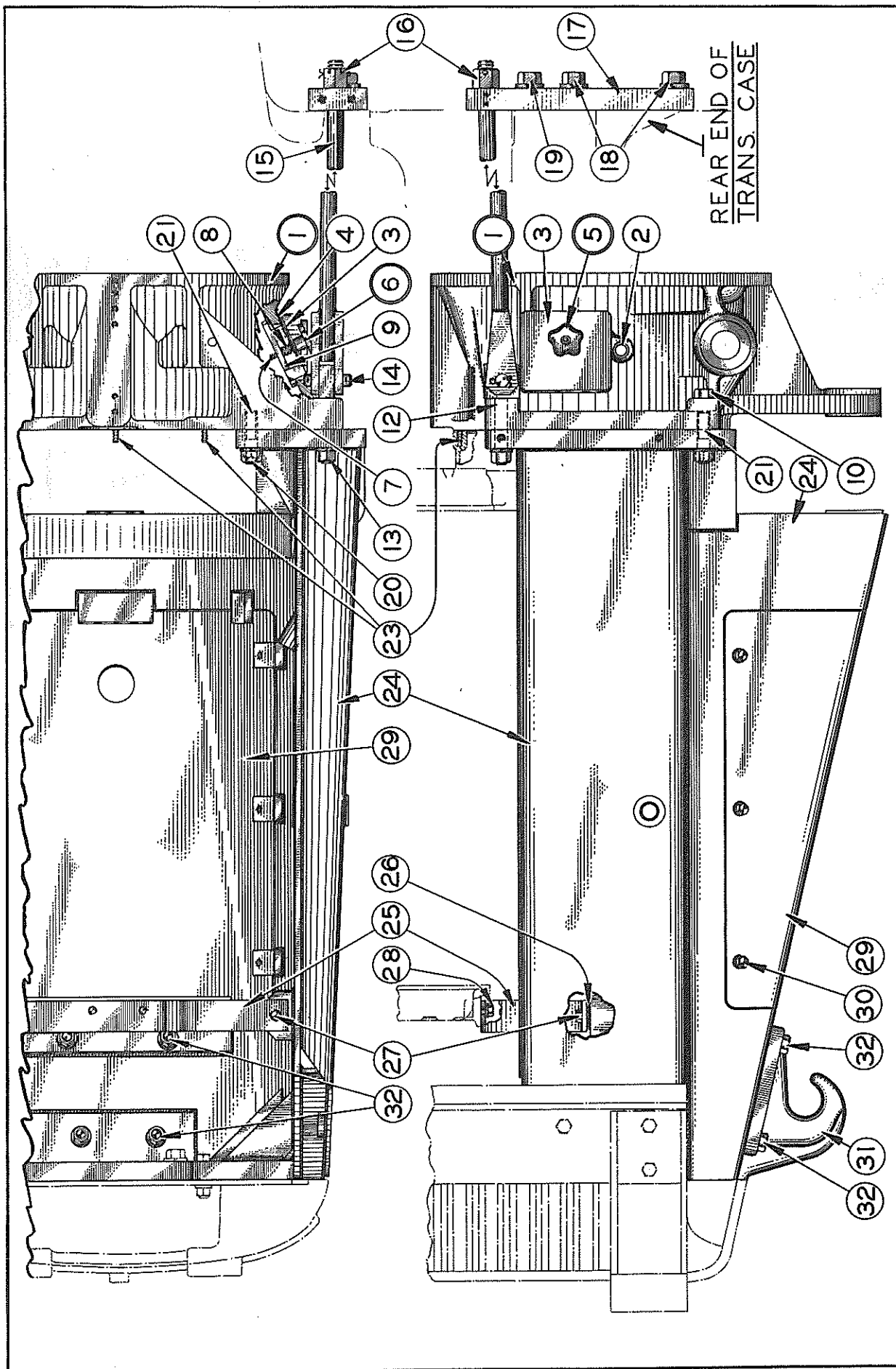


PLATE 36 - ENGINE SUPPORT AND PULL HOOK

ENGINE SUPPORT AND PULL HOOK
(See Plate 36)

Item	Part Number	Qty.	Name	
1	{ 040465	1	Spacer Assembly (Discontinued on *HD14-937. Order 047075)	} Both include item 2
	047075	1	Spacer Assembly (Effective with Tractor *HD14-937)	
2	35285	4	Bushing (In item 1)	
	040497	2	Cover Plate (Discontinued on HD14-486. Not serviced. Order one 043436, one	
3	{ 043436	2	043439 Stud and one 043438 Spring)	
	040498	2	Cover Plate (Effective with Tractor HD14-486)	
4	043440	2	Cover Plate Gasket	
5	033098	2	Handwheel Assembly (Consists of items 6 and 7)	
6	043439	2	Star Handwheel only	} In item 5
7	043438	2	Stud	
8	040499	2	Spring	
9	12561	2	Clamp Bar	
10	{ 911047	2	Capscrew 1" x 5-1/4"	
	910811	2	Hex Nut 1" N.F.	
	040042	2	Lockwasher 1" Heavy	
11	{ 911047	2	Capscrew 1" x 5-1/4" (Ground)	} Discontinued on Tractor HD14-486
	910811	2	Hex Nut 1" N.F.	
	044139	2	Lockwasher 1" Heavy	
12	911047	2	Eye Bolt	
13	{ 910811	2	Hex Nut 1" N.F.	} Effective with Tractor HD14-486
	044140	2	Lockwasher 1" Heavy	
14	{ 901344	4	Pin	
	044141	2	Cotter Pin 1/4" x 2"	
15	{ 044136	2	Tie Rod	} Effective with Tractor HD14-486
	901345	2	Slotted Nut	
16	{ 044144	2	Cotter Pin 1/4" x 2-1/2"	
	033974	4	Tie Rod Plate	
17	{ 910813	4	Capscrew 1-1/4" x 4-1/4"	
	72266	2	Lockwasher 1-1/4" Heavy	
18	{ 910813	2	Capscrew 1-1/4" x 3-1/4"	
	36546	2	Lockwasher 1-1/4" Heavy	
19	{ 911047	2	Capscrew 1" x 4-1/4"	
	910811	2	Hex Nut 1" N.F.	
20	{ 910811	2	Lockwasher 1" Heavy	
	70273	2	Lockwasher 1" Heavy	
21	{ 040013	9	Capscrew 1" x 3-1/4"	
	910805	9	Lockwasher 7/16" Heavy	} Spacer to Flywheel Housing
22	040450	1	Engine Support	
23	040078	1	Engine Front Hanger	
24	040081	20	Shim 1/32" thick (Use as required)	
25	{ 35229	2	Capscrew 5/8" x 2"	
	911044	2	Hex Nut 5/8" N.F.	
26	{ 910808	2	Lockwasher 5/8" Heavy	
	040202	2	Capscrew 9/16" x 1-3/4"	
27	{ 910807	2	Lockwasher 9/16" Heavy	
	040464	1	Engine Support Bottom Cover	
28	{ 35014	6	Capscrew 5/8" x 1-1/2"	
	910808	6	Lockwasher 5/8" Heavy	
29	040503	1	Pull Hook	
30	{ 70159	4	Capscrew 7/8" x 3"	
	911046	4	Hex Nut 7/8" N.F.	
31	{ 910810	4	Lockwasher 7/8" Heavy	

*Including HD14-930, 932 and 935

REAR FENDERS
(See Plate 37)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	040726	2	Rear Fender
2	040719	2	Fender Support Angle
3	70469	6	Capscrew 1/2" x 1-1/4"
	911043	6	Hex Nut 1/2" N.F.
4	910806	6	Lockwasher 1/2" Heavy
	71113	6	Capscrew 5/8" x 2"
5	910808	6	Lockwasher 5/8" Heavy
	040727	2	Inspection Cover
6	70467	4	Capscrew 1/2" x 1"
	910806	4	Lockwasher 1/2" Heavy
7	040711	1	Top Fender - Left
8	040712	1	Top Fender - Right
8A	35018	12	Capscrew 1/2" x 1-1/2"
	911043	12	Hex Nut 1/2" N.F.
9	910806	12	Lockwasher 1/2" Heavy
	70469	2	Capscrew 1/2" x 1-1/4"
10	911043	2	Hex Nut 1/2" N.F.
	910806	2	Lockwasher 1/2" Heavy
11	35073	2	Capscrew 1/2" x 1-3/4"
	911043	2	Hex Nut 1/2" N.F.
12	910806	2	Lockwasher 1/2" Heavy
	70467	11	Capscrew 1/2" x 1"
13	911043	11	Hex Nut 1/2" N.F.
	910806	11	Lockwasher 1/2" Heavy
14	040723	1	Rear Enclosure Plate
15	70467	2	Capscrew 1/2" x 1"
	910806	2	Lockwasher 1/2" Heavy
16	040713	1	Floor Plate - Front
17	040718	1	Floor Plate - Rear
18	35221	6	Capscrew 1/2" x 1"
	910806	6	Lockwasher 1/2" Heavy
19	040715	2	Floor Support Angle - Front
20	040717	1	Floor Support Angle - Center
21	040721	2	Floor Support Angle - Rear
19A	36032	6	Capscrew 3/8" N.F. x 3/4"
	910804	6	Lockwasher 3/8" Heavy
20A	35439	6	Capscrew 3/8" N.C. x 1"
	910804	6	Lockwasher 3/8" Heavy
21	36034	2	Capscrew 3/8" x 1"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy

SEAT
(See Plate 37)

22	040657	1	Seat Frame
23	040661	1	Seat Side Plate - Left
	040662	1	Seat Side Plate - Right
24	040665	1	Seat Back
25	70467	8	Capscrew 1/2" x 1"
	911043	8	Hex Nut 1/2" N.F.
26	910806	8	Lockwasher 1/2" Heavy
	70590	6	Capscrew 5/8" x 1-1/8"
27	910808	6	Lockwasher 5/8" Heavy
	70590	6	Capscrew 5/8" x 1-1/8"
28	911044	6	Hex Nut 5/8" N.F.
	910808	6	Lockwasher 5/8" Heavy
29	040667	1	Back Cushion
30	040669	2	Side Cushion
31	040666	1	Seat Cushion
32	911028	2	Hex Nut 1/2" N.C.
	910806	2	Lockwasher 1/2" Heavy
33	040666	2	Clip
34	35244	4	Capscrew 3/8" x 3/4"
	910804	4	Lockwasher 3/8" Heavy
35	040671	1	Tool Box
	040849	2	"Allis-Chalmers - HD14 Diesel" Transfer

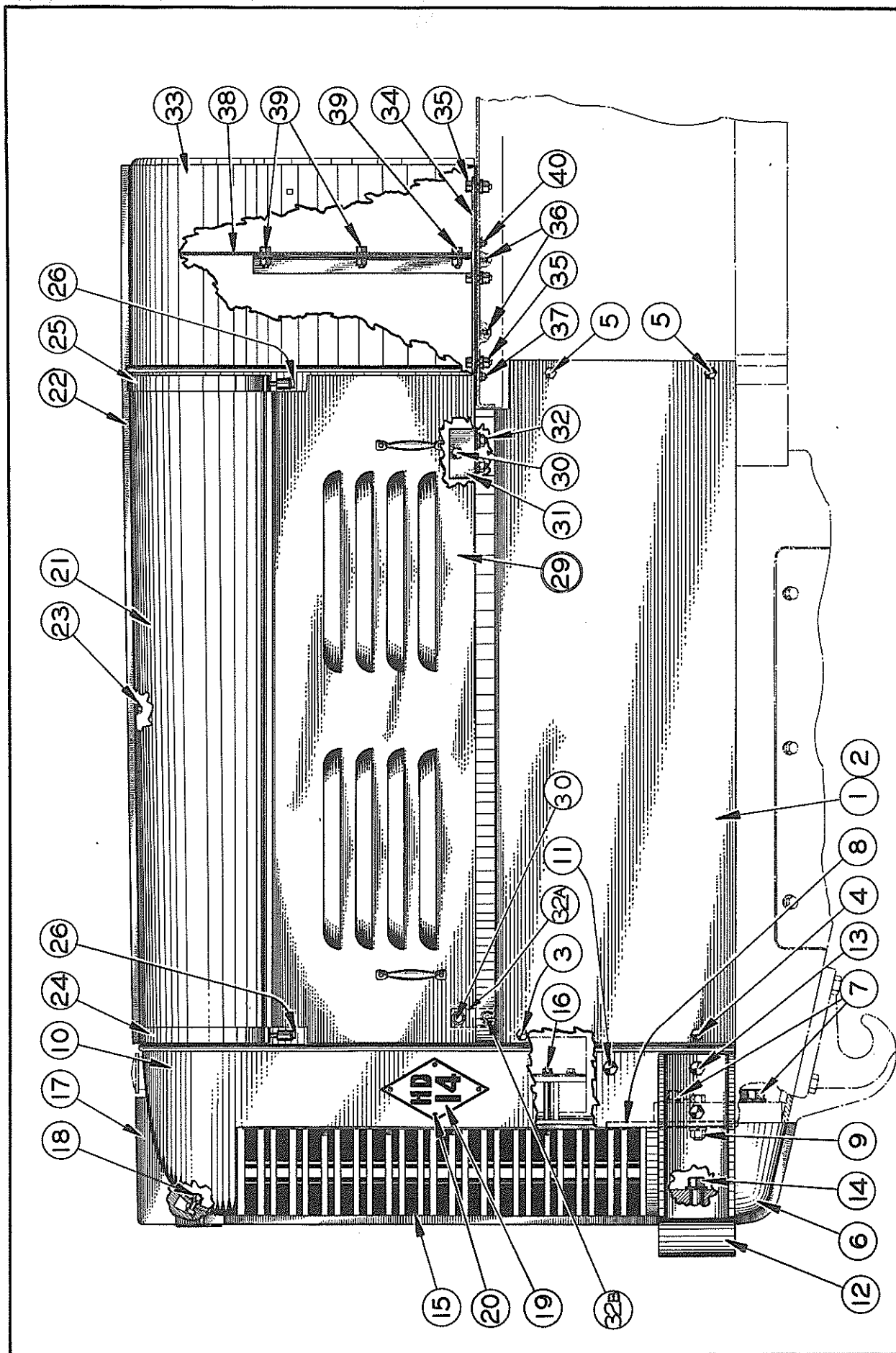


PLATE 38 - FENDERS, HOOD, RADIATOR SHELL AND BUMPER

FRONT FENDERS (See Plate 38)			
Item	Part Number	Qty.	Name
1	040587	1	Front Fender - Left
2	040588	1	Front Fender - Right
3	70469	2	Capscrew 1/2" x 1-1/4"
	911043	2	Hex Nut 1/2" N.F.
4	910806	2	Lockwasher 1/2" Heavy
	70469	2	Capscrew 1/2" x 1-1/4"
5	910806	2	Lockwasher 1/2" Heavy
	35014	4	Capscrew 5/8" x 1-1/2"
	910808	4	Lockwasher 5/8" Heavy

RADIATOR SHELL AND BUMPER (See Plate 38)			
6	040466	1	Radiator Shell Base
7	031914	6	Capscrew 1" x 3-1/2"
	910811	6	Lockwasher 1" Heavy
8	040761	1	Bottom Baffle
9	13465	2	Capscrew 3/4" x 2-1/2"
	911045	2	Hex Nut 3/4" N.F.
	910809	2	Lockwasher 3/4" Heavy
10	040579	1	Radiator Shell
11	72595	2	Capscrew 3/4" x 1-3/4"
	910809	2	Lockwasher 3/4" Heavy
12	040495	1	Bumper
13	12742	4	Capscrew 3/4" x 2-1/4"
	910809	4	Lockwasher 3/4" Heavy
14	12585	2	Capscrew 1" x 4"
	910811	2	Lockwasher 1" Heavy
15	040592	1	Radiator Grill
16	040921	8	T-Bolt 7/16" x 5"
	911042	8	Hex Nut 7/16" N.F.
	910805	8	Lockwasher 7/16" Heavy
17	040576	1	Radiator Monogram (Top)
18	912112	2	Square Head Machine Bolt 1/2" x 1-1/2"
	911028	2	Hex Nut 1/2" N.C.
	910806	2	Lockwasher 1/2" Heavy
19	040853	2	Radiator Monogram (Sides)
20	033073	8	Tapping Screw
	910164	8	Lockwasher #10

HOOD (See Plate 38)			
21	040591	1	Hood Top Plate
22	040582	1	Center Bar
23	903627	3	Capscrew 3/8" N.C. x 1/2"
	910804	3	Lockwasher 3/8"
24	040585	1	Front Hood Strap
25	040586	1	Rear Hood Strap
26	030809	4	Machine Bolt 3/8" x 2-1/2"
	900405	4	Square Nut 3/8" N.C.
	911115	4	Plain Washer 3/8" Standard
27	040848	2	"Allis-Chalmers" Transfer
29	041136	2	Hood Door
30	70467	4	Capscrew 1/2" x 1-1/2"
	910808	4	Lockwasher 1/2" Heavy
	910244	4	Plain Washer 1/2"
31	041148	2	Hood Door Angle Bracket
32	70469	4	Capscrew 1/2" x 1-1/4"
	911043	4	Hex Nut 1/2" N.F.
	910806	4	Lockwasher 1/2" Heavy
32A	042068	2	Block
32B	70468	2	Capscrew 1/2" x 1-3/8"
	911043	2	Hex Nut 1/2" N.F.
	910806	2	Lockwasher 1/2" Heavy

SPECIAL EQUIPMENT

COWL (See Plate 38)			
33	040690	1	Cowl
34	040695	2	Cowl Hold-down Bar
35	35014	6	Capscrew 5/8" x 1-1/2"
	911044	6	Hex Nut 5/8" N.F.
	910808	6	Lockwasher 5/8" Heavy
36	35439	2	Capscrew 3/8" x 1"
	910804	2	Lockwasher 3/8" Heavy
37	35034	2	Capscrew 3/8" x 1"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
38	041749	1	Air Cleaner Panel
39	70467	6	Capscrew 1/2" x 1"
	911043	6	Hex Nut 1/2" N.F.
	910806	6	Lockwasher 1/2" Heavy
40	35034	2	Capscrew 3/8" x 1"
	911041	2	Hex Nut 3/8" N.F.
	910804	2	Lockwasher 3/8" Heavy
41	040757	1	Shifter Instruction Plate
42	040860	1	General Instruction Plate
43	034076	8	Tapping Screw

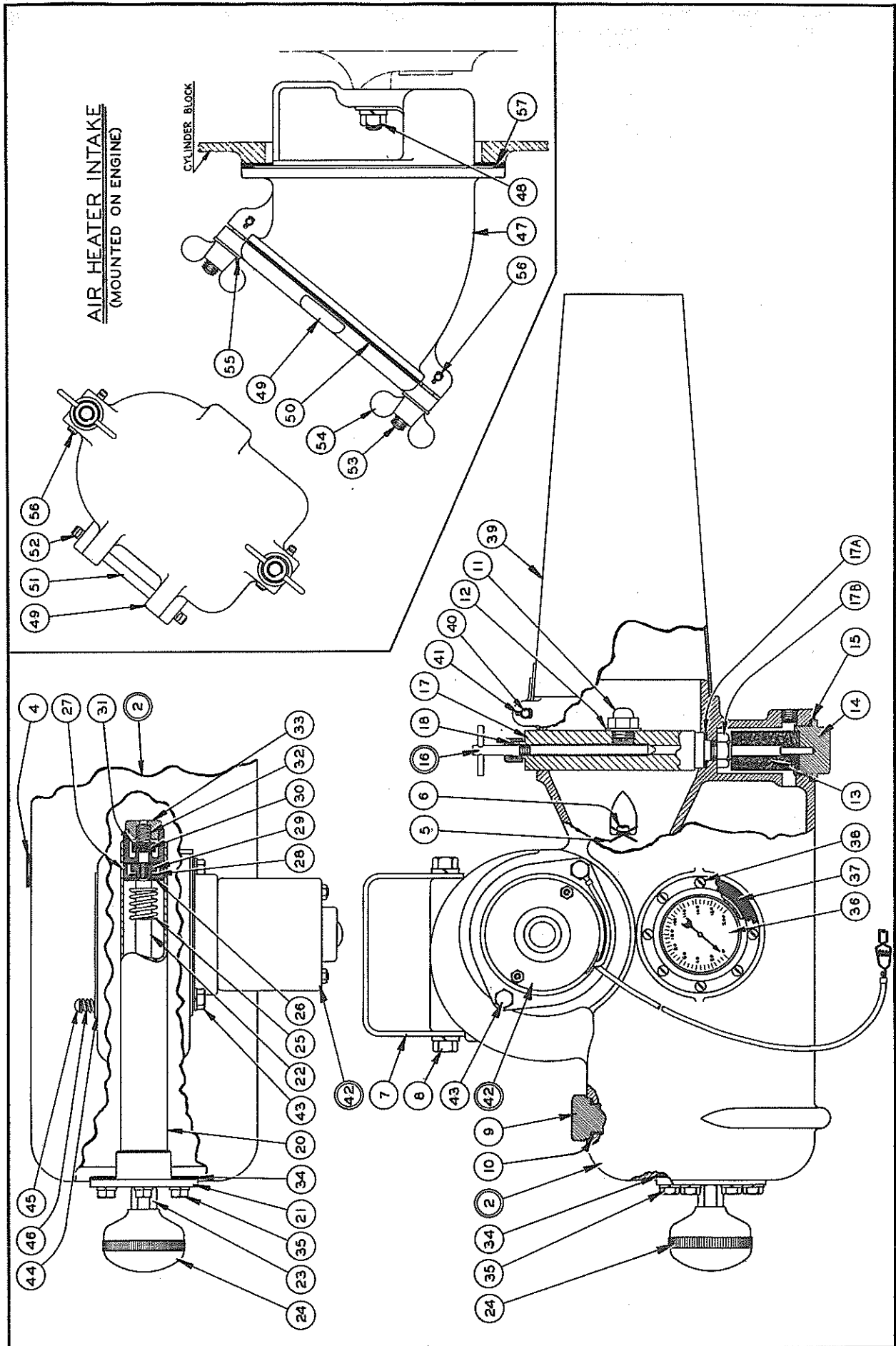


PLATE 43 - ENGINE HEATER

SPECIAL EQUIPMENT

ENGINE HEATER (See Plate 45)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	042740	1	Engine Heater Assembly (Consists of items 2 to 46 inclusive)
2	042713	1	Engine Heater Case
4	904223	1	Pipe Plug 1/2" Countersunk
5	042715	1	Air Deflector Blade
6	{ 034076	2	Tapping Screw #8-32 x 1/2"
	911118	2	Lockwasher #8
7	042730	1	Handle
8	{ 903628	2	Hex Capscrew 3/8" N.C. x 5/8"
	910804	2	Lockwasher 3/8" Heavy
9	042752	1	Filler Plug
10	042751	1	Filler Plug Gasket
11	042738	1	Spray Nozzle
12	5151921	1	Spray Nozzle Gasket
13	042743	1	Fuel Filter
14	042739	1	Fuel Filter Plug
15	042744	1	Fuel Filter Plug Gasket
16	042732	1	Needle Valve Assembly (Consists of 1-Needle; 1-Pin and 1-Packing Nut)
17	044371	1	Needle Valve Body
17A	5151921	1	Gasket
17B	913830	1	Hex Jam Nut 1/2" N.F.
18	042737	1	Needle Valve Packing
19	042716	1	Air Pump Assembly (Includes items 20 to 33 inclusive)
20	042718	1	Air Pump Tube
21	042717	1	Air Pump Tube Nut
22	042721	1	Air Pump Shaft
23	913434	1	High Nut 3/8" N.F.
24	5152674	1	Knob
25	16702	1	Spring
26	042722	1	Washer (Large)
27	042723	1	Cup Leather
28	042724	1	Washer (Small)
29	042725	1	Nut
30	042726	1	Valve Gasket
31	042727	1	Valve
32	031580	1	Valve Spring
33	042728	1	Valve Nut

34	042729	1	Air Pump Gasket
35	{ 905656	6	Hex Capscrew 1/4" N.C. x 5/8"
	910802	6	Lockwasher 1/4" Heavy
36	042745	1	Pressure Gauge
37	042753	1	Pressure Gauge Gasket
38	903748	8	Machine Screw #6-32 x 3/8"
39	042747	1	Heater Extension Tube
40	70684	1	Hinge Pin
41	904001	2	Cotter Pin 3/32" x 1/2"
42	042731	1	Blower Motor and Fan (12-Volt)
43	{ 906692	2	Hex Capscrew 1/4" N.C. x 3/8"
	910802	2	Lockwasher 1/4" Heavy
44	042750	1	Air Regulator Plate
45	033200	1	Tapping Screw
46	031580	1	Spring

47	042695	1	Heater Inlet Elbow
	042696	1	Stud 3/8" x 1-1/2"
48	{ 911041	1	Hex Nut 3/8" N.F.
	910804	1	Lockwasher 3/8" Heavy
49	042694	1	Inlet Elbow Cover
50	042692	1	Inlet Elbow Cover Gasket
51	042693	1	Hinge Pin
52	904001	2	Cotter Pin 3/32" x 1/2"
53	042691	2	Cover Stud
54	904155	2	Wing Nut 3/8" N.C.
55	911115	2	Plain Washer 3/8" Small
56	{ U-2787	2	Stud Hinge Pin
	911063	2	Cotter Pin 1/16" x 7/16"
57	5150020	1	Gasket



POWER PULLEY ATTACHMENT
(See Plate 45)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
1	71229	1	Power Pulley Case
2	70917	1	Gasket - Pulley Case to Transmission Case (Standard Part)
3	71235	4	Stud 5/8" x 5"
4	71397	1	Stud 5/8" x 6"
5	71448	1	Stud 5/8" x 2-3/4"
6	911044	6	Hex Nut 5/8" N.F.
7	910808	6	Lockwasher 5/8" Heavy
8	910006	1	Expansion Plug 1-1/4"
9	912726	1	Pipe Plug 3/4" Standard
10	912770	1	Pipe Plug 1-1/2" Standard
11	71218	1	Case Cover
12	71219	1	Case Cover Gasket
13	35236	8	Capscrew 1/2" x 1-3/4"
14	910806	8	Lockwasher 1/2" Heavy
15	912726	1	Pipe Plug 3/4" Standard
16	71220	1	Bearing Housing
17	71452	3	Shim .005" Thick
18	71451	3	Shim .010" Thick
19	71453	4	Shim .020" Thick
20	35236	6	Capscrew 1/2" x 1-3/4"
21	910806	6	Lockwasher 1/2" Heavy
22	71205	1	End Cap
23	71206	1	End Cap Gasket
24	35061	3	Capscrew 1/2" x 1-1/4"
25	910806	3	Lockwasher 1/2" Heavy
26	041881	1	Bevel Pinion and Shaft 13 T.
27	042890	1	Ball Bearing
28	042847	1	Ball Bearing
29	71210	1	Washer
30	911057	1	Castle Nut 1" N.F.
31	904002	1	Cotter Pin 1/2" x 2"
32	041882	1	Coupling Sleeve
33	71217	1	Shifter Fork
34	13059	2	Capscrew 3/8" x 2"
35	910804	2	Lockwasher 3/8" Heavy
36	71213	1	Shifter Shaft
37	21711	1	Shifter Shaft Handle
38	35404	1	Felt Packing 1/2" Thick (Not serviced. Order item 30A)
39	034674	2	Felt Packing 1/4" Thick (Replaces item 30)
40	35405	1	Packing Retainer
41	71228	1	Pulley Bearing Housing
42	71225	3	Shim .005" Thick
43	71226	3	Shim .010" Thick
44	71227	4	Shim .020" Thick
45	35236	8	Capscrew 1/2" x 1-3/4"
46	910806	8	Lockwasher 1/2" Heavy
47	U-129	1	Ball Bearing
48	204751	1	Ball Bearing
49	71208	1	Packing Retainer (Not serviced. Order items 37A and 39A)
50	034696	1	Packing Retainer (Replaces item 37)
51	71207	1	Packing Retainer Gasket
52	71216	1	Felt Packing (For use with item 37 only)
53	029563	1	Oil Seal (For use with item 37A only)
54	35061	6	Capscrew 1/2" x 1-1/4"
55	910806	6	Lockwasher 1/2" Heavy
56	041883	1	Bevel Gear 30 T.
57	71211	1	Key
58	71221	1	Pulley Shaft
59	71212	1	Washer
60	11259	2	Capscrew 1/2" x 1"
61	032943	1	Lockwire 1/16" x 4"
62	71222	1	Pulley 20" Diameter
63	71520	1	Pulley 18" Diameter
64	71215	1	Key
65	71209	1	Washer
66	911058	1	Castle Nut 1-1/2" N.F.
67	904006	1	Cotter Pin 3/16" x 2-3/4"
68	70712	1	Packing Retainer
69	70710	1	Packing
70	70711	1	Gland Nut
71	70722	1	Gland Nut Lock
72	047038	1	Seal Retainer
73	034697	1	Oil Seal
74	71373	1	Retainer Gasket
75	23619	4	Capscrew 5/8" x 1-1/2"
76	70139	1	Lockwire 24" Long

Discontinued. Item 52 is not serviced. Order items 56 & 57

Replaced items 52 to 55 on later units

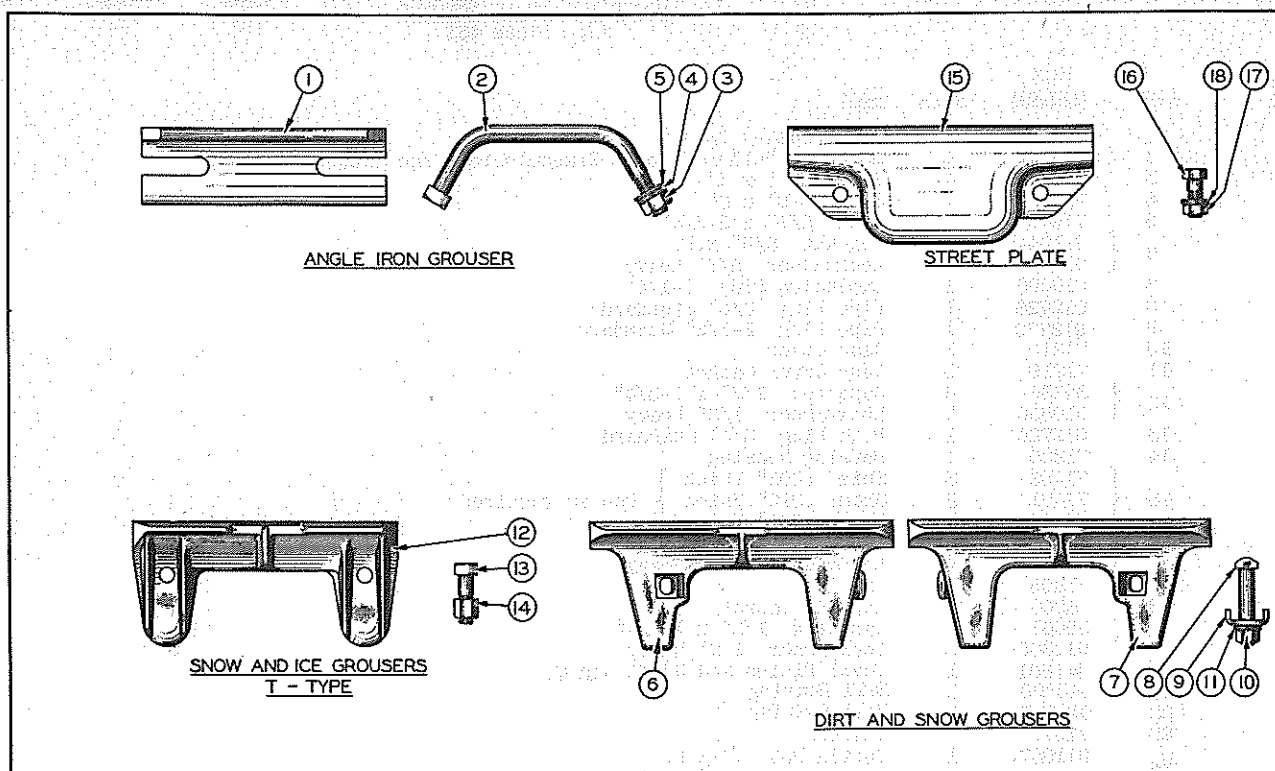


PLATE 42 - GROUSERS AND STREET PLATES

GROUSERS
(See Plate 42)

<u>Item</u>	<u>Part Number</u>	<u>Qty.</u>	<u>Name</u>
<u>ANGLE IRON TYPE</u> (For Flat Shoes Only)			
1	72071	70	Angle Grouser
2	72069	70	Grouser U-Bolt
3	911031	70	Hex Nut 7/8" N.C.
4	910810	70	Lockwasher 7/8" Heavy
5	911116	70	Plain Washer 7/8" S.A.E.

DIRT and SNOW TYPE
(For Flat Shoes Only)

6	72397	35	Grouser - Left
7	72398	35	Grouser - Right
8	23592	70	Grouser Bolt 3/4" x 4"
9	23747	70	Lockwasher
10	911045	70	Hex Nut 3/4" N.F.
11	910809	70	Lockwasher 3/4" Heavy

SNOW and ICE TYPE
(T TYPE - FOR GROUSER SHOES ONLY)

12	72462	70	Grouser
13	28420	140	Grouser Bolt
14	12767	140	High Nut

STREET PLATES
(See Plate 42)

Used with Grouser Shoes Only

15	71522	70	Street Plate
16	12453	140	Street Plate Bolt 3/4" x 2"
17	911045	140	Hex Nut 3/4" N.F.
18	910809	140	Lockwasher 3/4" Heavy

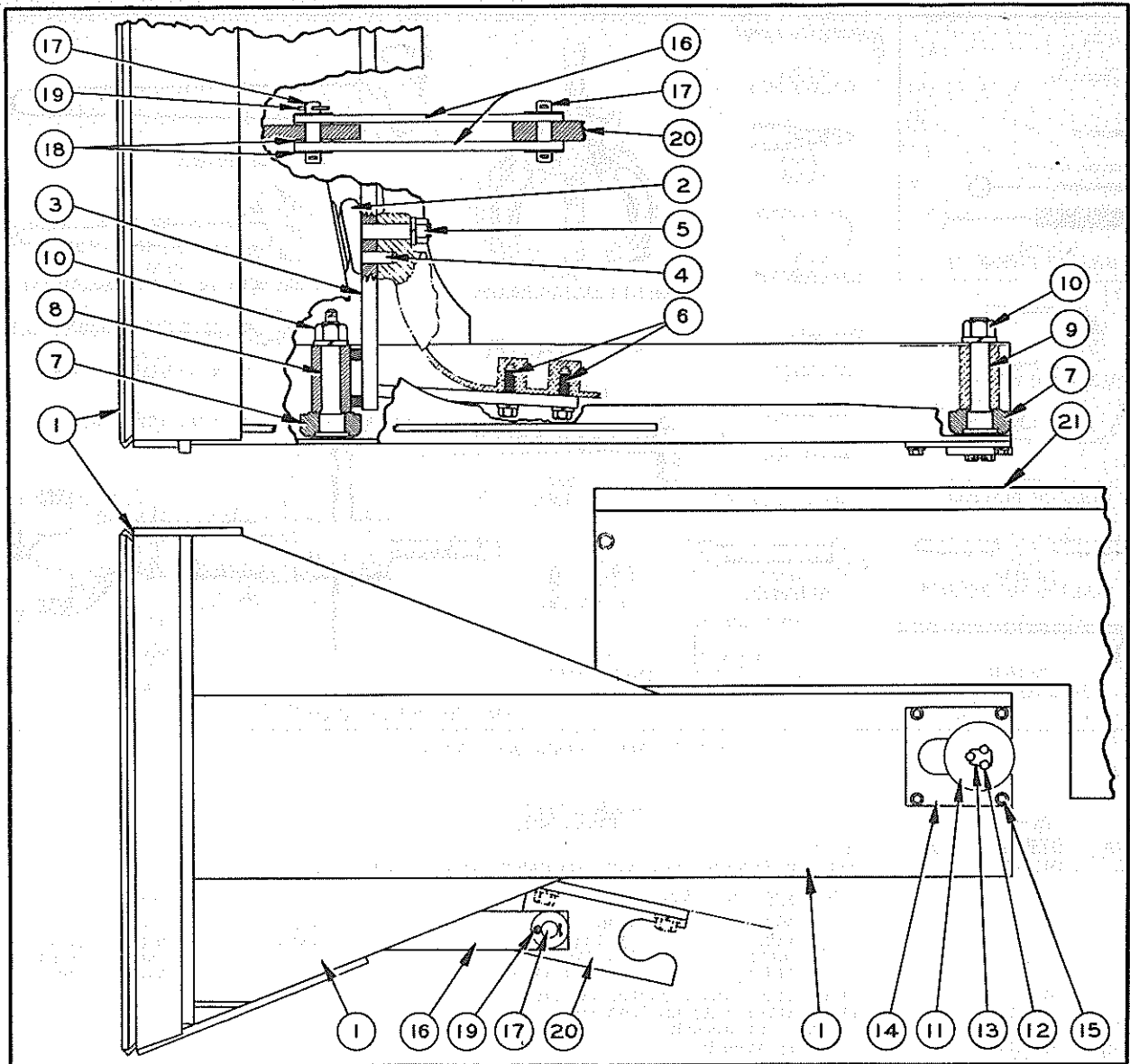


PLATE 44 - FRONT PUSHER

FRONT PUSHER
(See Plate 44)

Item	Part Number	Qty.	Name	Item	Part Number	Qty.	Name
1	042184	1	Front Pusher	12	35689	6	Capscrew 1/2" x 1-3/8"
2	047227	2	Spring	13	70101	2	Lockwire 1/16" x 8"
3	041110	1	Front Roller Support	14	034886	2	Wear Plate (Large)
4	041102	2	Dowel	15	{ 70469	8	Capscrew 1/2" x 1-1/4"
5	{ 38203	2	Capscrew 1" x 4-1/2"	16	{ 910806	8	Lockwasher 1/2" Heavy
6	{ 911047	2	Hex Nut 1" N.F.	17	{ 042072	2	Tie Bar
7	{ 13465	4	Capscrew 3/4" x 2-1/2"	18	{ 041099	2	Tie Bar Pin
8	{ 910809	4	Lockwasher 3/4" Heavy	19	{ 900822	6	Plain Washer 1" Standard
9	{ 034070	4	Roller	20	{ 901343	4	Cotter Pin 1/4" x 1-3/4"
10	{ 041151	2	Roller Pin (Front)	21	{ 042061	1	Pull Hook - Left
11	{ 040493	2	Roller Pin (Rear)		{ 042062	1	Pull Hook - Right
	{ 906405	4	Hex Nut 1-1/4" N.F.		{ 041107	1	Front Fender - Left
	{ 910813	4	Lockwasher 1-1/4" Heavy		{ 041108	1	Front Fender - Right
	{ 040492	2	Wear Plate (Small)				

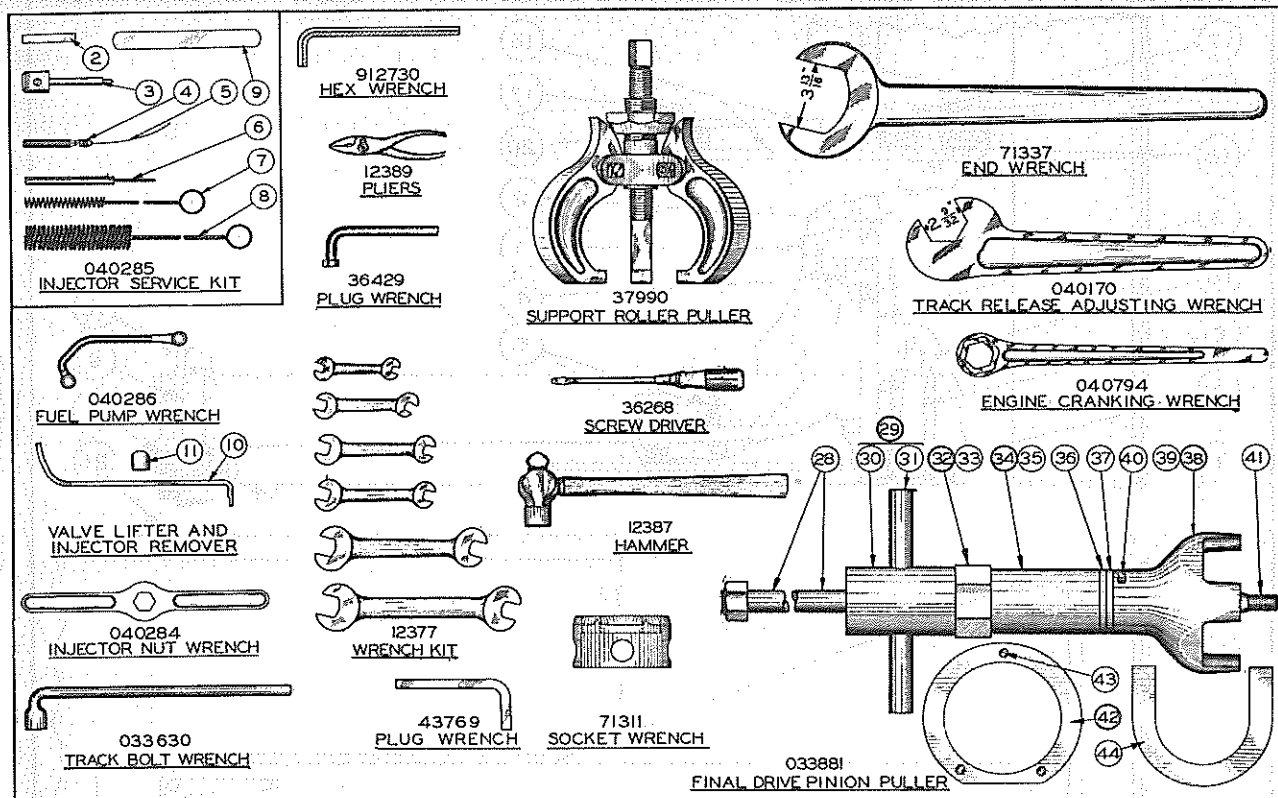


PLATE 40 - SPECIAL TOOLS

SPECIAL TOOLS
(See Plate 42)

Item	Part Number	Qty.
1	040285	1

Name
Injector Service Tool Kit (Includes item 2 thru 9, in a cloth case)

Item	Part No.	Qty.	Name
2	044814	1	Stone
3	044815	1	Timing Gauge
4	044822	1	Pin Vise
5	044818	1	Probing Wire
10	044835	1	Valve Lifter and Injector Remover Tool
11	044825	1	Valve Lifter Fulcrum (Used with item 10)
12	040284	1	Injector Nut Wrench
13	040286	1	Fuel Pump Wrench
14	12387	1	Hammer
15	12389	1	Pliers
16	36268	1	Screw Driver
17	12377	1	Wrench Kit (Six wrenches in a cloth case - Not sold separately)
18	36429	1	Hex Plug Wrench (Discontinued)
19	043769	1	Square Plug Wrench
20	033630	1	Track Bolt Socket Wrench
21	040170	1	Track Release Adjusting Wrench
22	040794	1	Engine Cranking Wrench
23	912730	1	Hex Wrench 1/2"
24	71337	1	End Wrench
26	37990	1	Support Roller Puller - Complete
27	033881	1	Final Drive Pinion Puller (Consists of item 28 thru 44)

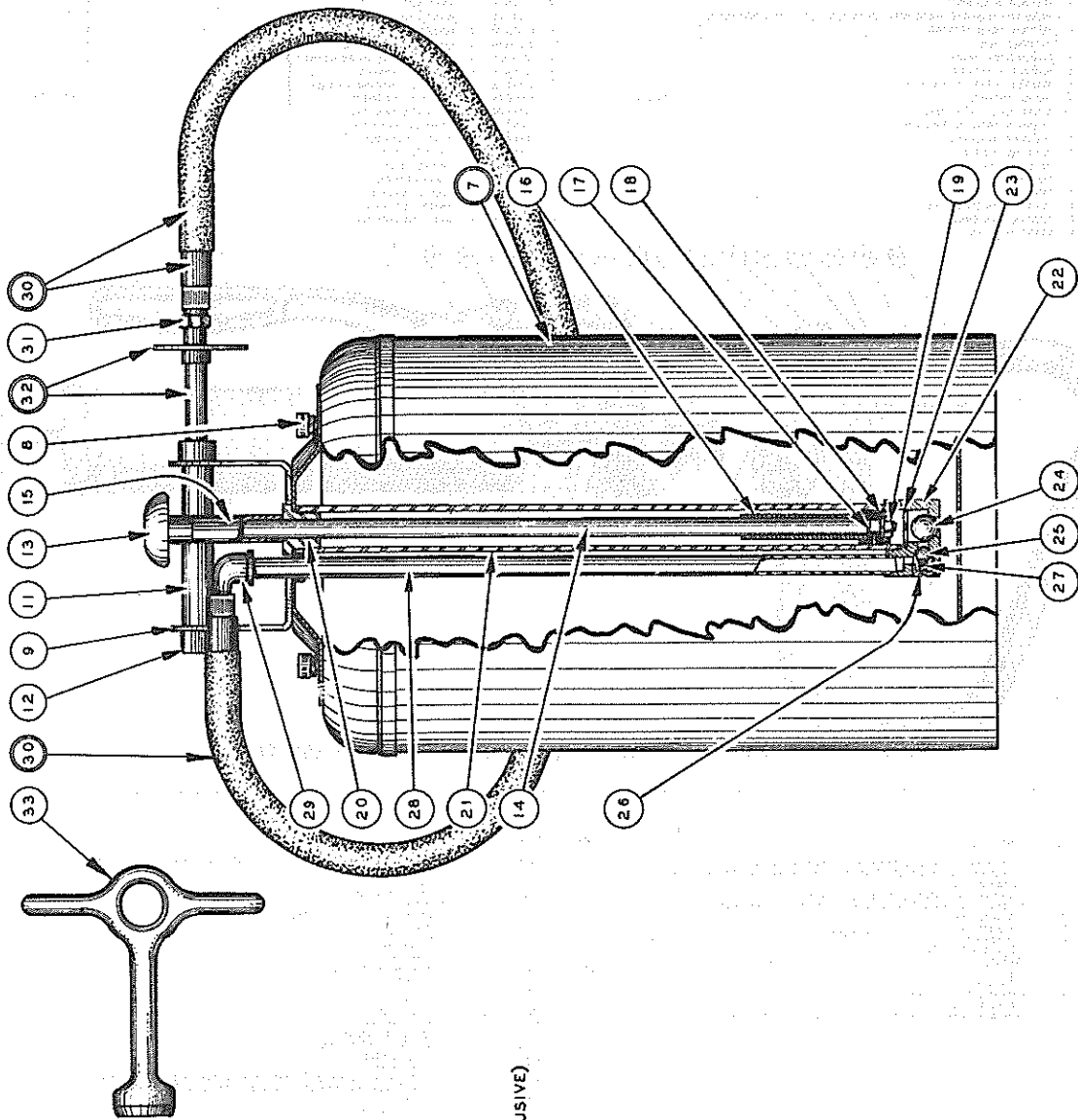
Item	Part No.	Qty.	Name
6	044819	1	Drill
7	044812	1	Brush (Small)
8	044811	1	Brush (Large)
9	040839	1	Feeler Gauge

Item	Part No.	Qty.	Name
28	033866	1	Bolt
29	033869	1	Ram Assembly
30	033868	1	Ram
31	033870	2	Ram Handle
32	033871	1	Nut Assembly
33	033640	1	Dowel (In item 32)
34	033873	1	Spacer Assembly
35	033640	1	Dowel (In item 34)
36	033875	1	Bronze Washer
37	033876	1	Steel Washer
38	033882	1	Pedestal Assembly
39	033640	1	Dowel (In item 38)
40	910262	1	Grease Fitting
41	033884	1	Adapter
42	044849	1	Plate Assembly
43	71856	3	Dowel (In item 42)
44	044850	1	Slotted Ring
44A	71311	1	Socket Wrench 3-3/4" Hex
45	034672	1	*Flushing Lubricator with Hose
46	034441	1	*Small Pressure Grease Gun with Hose - Lever Type (Discontinued. Order item 47)
47	043031	1	*Small Pressure Grease Gun with Hose - Lever Type (Replaced item 46)
48	034241	1	*Small Pressure Grease Gun - Push Type

Item	Part No.	Qty.	Name
28	033866	1	Bolt
29	033869	1	Ram Assembly
30	033868	1	Ram
31	033870	2	Ram Handle
32	033871	1	Nut Assembly
33	033640	1	Dowel (In item 32)
34	033873	1	Spacer Assembly
35	033640	1	Dowel (In item 34)
36	033875	1	Bronze Washer
37	033876	1	Steel Washer
38	033882	1	Pedestal Assembly
39	033640	1	Dowel (In item 38)
40	910262	1	Grease Fitting
41	033884	1	Adapter
42	044849	1	Plate Assembly
43	71856	3	Dowel (In item 42)
44	044850	1	Slotted Ring

For complete line of service tools for General Motors Diesel Engine, consult the Kent-Moore Organization, General Motors Research Building, Detroit, Mich.

*For repair parts of Lubricating Equipment, see the following pages.



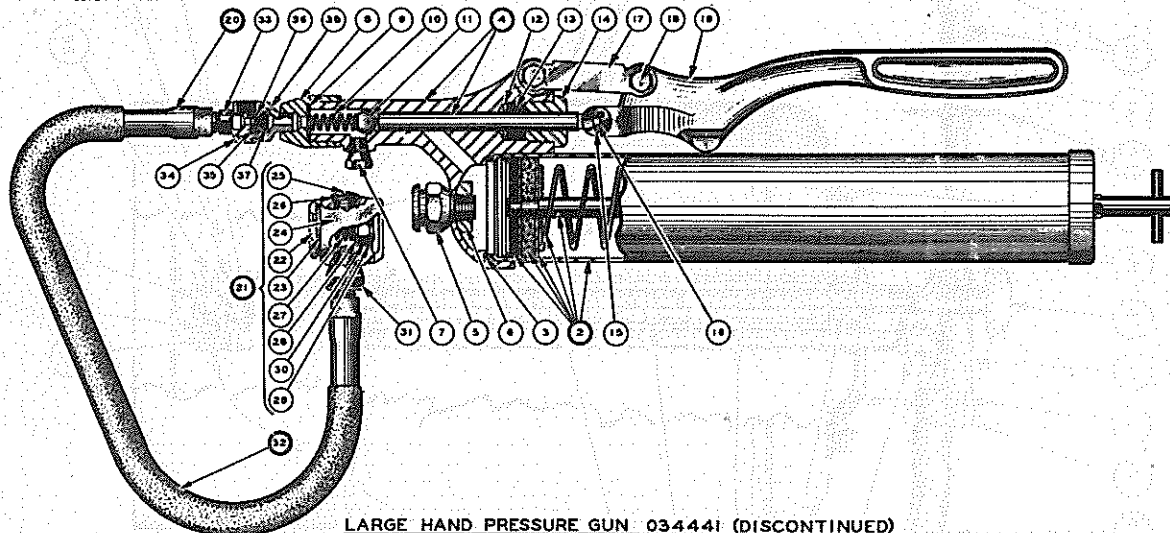
ITEM	NUMBER	QTY.	NAME
7	040273	1	CONTAINER ASSEM. (INCLUDES ITEM 8)
8	040377	3	COVER SCREW (IN ITEM 7)
9	040171	1	COVER AND HANDLE BRACKET
10	034751	1	PUMP ASSEM. (INCLUDES ITEMS 11 TO 29 INCLUSIVE)
11	034758	1	HANDLE
12	034761	1	HANDLE CAP
13	034529	1	PISTON ROD KNOB
14	034752	1	PISTON ROD
15	034757	1	STOP TUBE (UPPER)
16	034759	1	STOP TUBE (LOWER)
17	034756	2	PISTON ROD WASHER
18	034763	2	PISTON LEATHER
19	906905	1	HEX NUT 5/16" N. F.
20	034754	1	GUIDE NUT
21	034760	1	PUMP TUBE
22	034764	1	FOOT VALVE
23	034755	1	PUMP DISC
24	905365	1	STEEL BALL 5/8" DIA.
25	905360	1	STEEL BALL 3/8" DIA.
26	034750	1	FOOT VALVE PLUG
27	034762	1	FOOT VALVE SPRING
28	034753	1	OUTLET TUBE
29	901722	1	90 STREET ELL 1/4" STD.
30	034746	1	HOSE 36" LONG
31	034747	1	REDUCING BUSHING
32	034745	1	NOZZLE TUBE
33	040272	1	PLUG WRENCH

IN ITEM 10

FLUSHING LUBRICATOR 034672

ITEM	PART NUMBER	QTY.	NAME
1	034788	1	LEVER GUN ASSEMBLY (INCLUDES ITEMS 2 TO 19 INCLUSIVE)
2	034788	1	CONTAINER TUBE ASSEMBLY (SEPARATE PARTS NOT SERVICED)
3	034227	1	CONTAINER GASKET
4	034770	1	HEAD AND PLUNGER ASSEMBLY (SEPARATE PARTS NOT SERVICED)
5	032842	1	BUTTON HEAD FITTING
6	034788	1	FITTING NUT
7	034788	1	LUBRICATOR PLUG
8	034778	1	NOZZLE ADAPTER
9	034778	1	NOZZLE ADAPTER GASKET
10	034782	1	VALVE SPRING
11	905381	1	STEEL BALL 2/16" DIA.
12	034773	1	PLUNGER PACKING WASHER
13	034772	1	PLUNGER PACKING
14	034771	1	PACKING GLAND
15	034781	1	PLUNGER PIN
16	900870	2	COTTER PIN 1/16" X 1/2"
17	034777	1	TOGGLE
18	034775	2	TOGGLE PIN (FEMALE)
19	034776	2	TOGGLE PIN (MALE)
20	034784	1	LEVER HANDLE

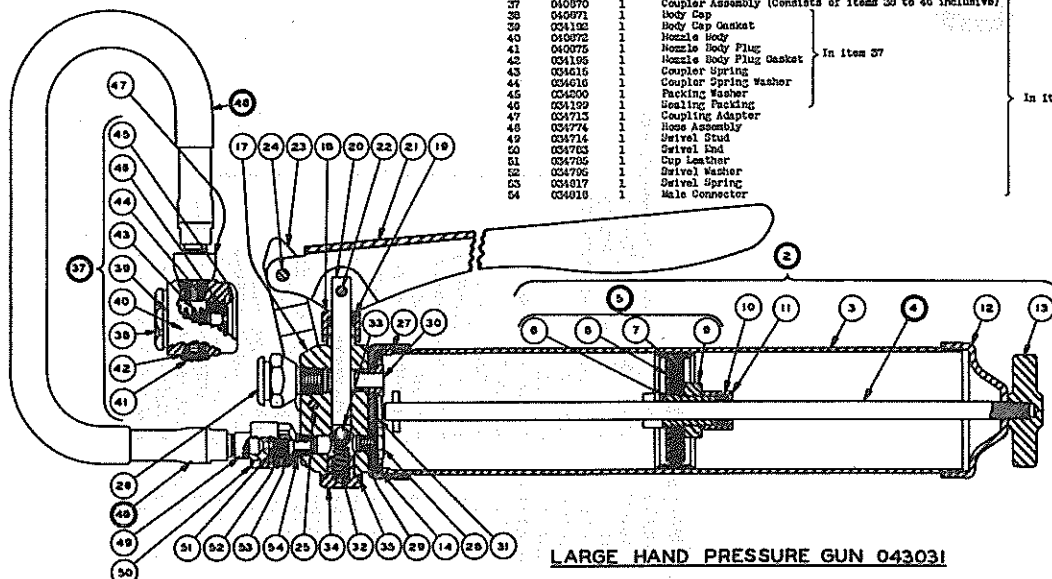
ITEM	PART NUMBER	QTY.	NAME
20	034789	1	COUPLING HOSE ASSEMBLY (INCLUDES ITEMS 21 TO 26 INCLUSIVE)
21	040870	1	COUPLER ASSEMBLY (INCLUDES ITEMS 22 TO 30 INCLUSIVE)
22	040871	1	BODY CAP
23	034182	1	BODY CAP GASKET
24	040872	1	NOZZLE BODY
25	040873	1	NOZZLE BODY PLUG
26	034183	1	NOZZLE BODY PLUG GASKET
27	034615	1	COUPLER SPRING
28	034616	1	COUPLER SPRING WASHER
29	034200	1	PACKING WASHER
30	034189	1	SEALING PACKING
31	034713	1	COUPLER ADAPTER
32	034774	1	HOSE ASSEMBLY
33	034714	1	SWIVEL STUD
34	034783	1	SWIVEL END
35	034785	1	CUP LEATHER
36	034785	1	SWIVEL WASHER
37	034817	1	SWIVEL SPRING
38	034818	1	MALE CONNECTOR



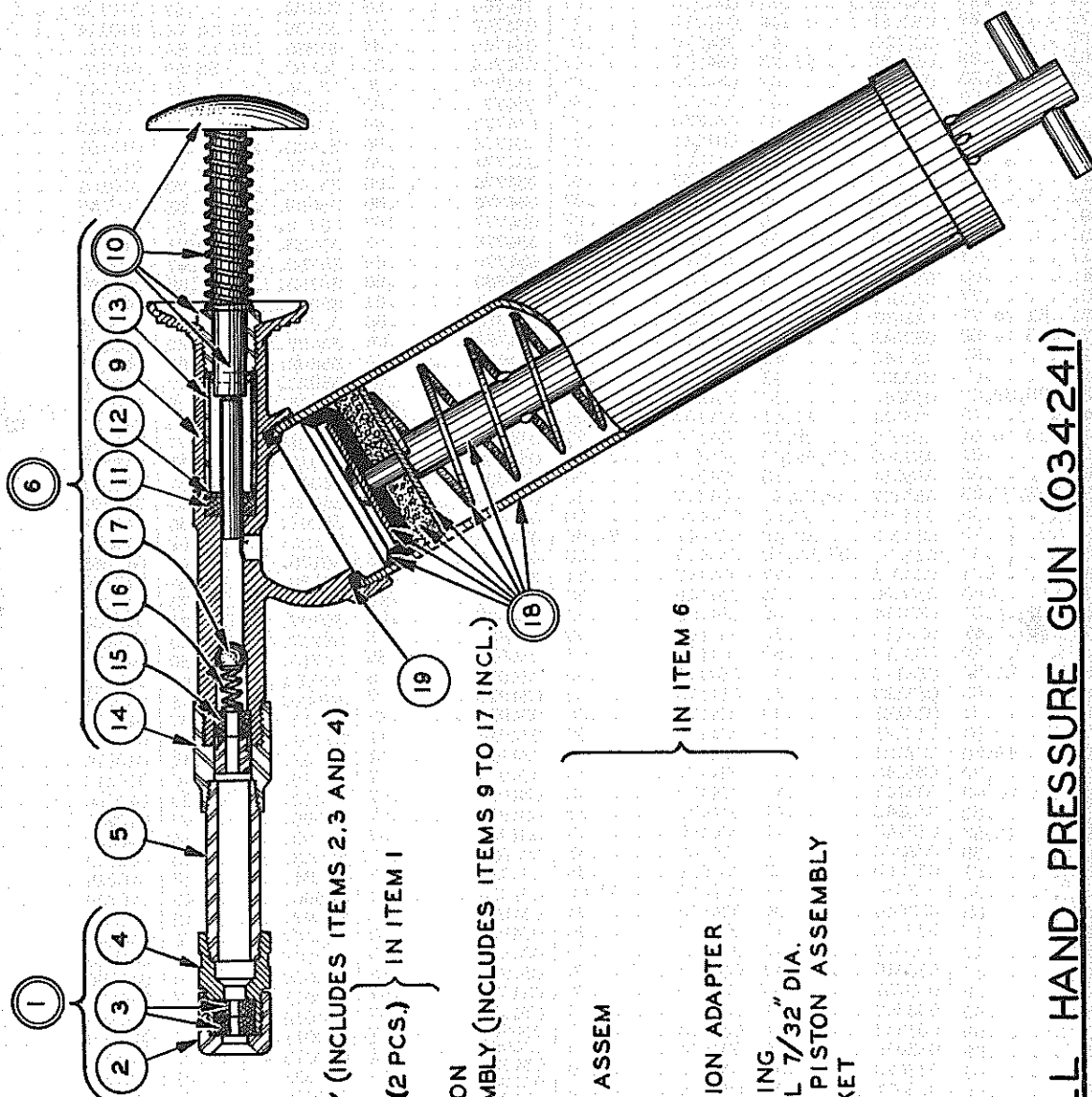
LARGE HAND PRESSURE GUN 034441 (DISCONTINUED)

Item	Part Number	Qty.	Name
1	043032	1	Lever Gun Assembly (Consists of items 2 and 15)
2	043034	1	Container Tube Assembly (Consists of items 3 to 13 inclusive)
3	043039	1	Container Tube
4	043039	1	Follow Rod Assembly (1-Rod, 1-Pin)
5	043035	1	Follower Assembly (Consists of items 6 to 9 inclusive)
6	043042	1	Follower Stud
7	043050	2	Cup Leather
8	043051	2	Cup Washer
9	912223	1	Hex Van Nut 9/16" N.P.
10	043036	1	Packing
11	043037	1	Cap
12	043040	1	Tube Cap
13	043041	1	Follow Rod Handle
14	043058	1	Container Gasket
15	043033	1	Head Assembly (Consists of items 16 to 35 inclusive)

Item	Part Number	Qty.	Name
16	043054	1	Handle and Plunger Assembly (Consists of items 17 to 25 inclusive)
17	043057	1	Plunger Bushing
18	043057	1	Plunger Cap
19	043057	1	Plunger Packing
20	043057	1	Plunger
21	043057	1	Lever Handle
22	043057	1	Handle Pin
23	043057	2	Toggle Link
24	043057	1	Pulverum Pin
25	043057	1	Toggle Pin
26	032842	1	Button Head Fitting
27	043057	1	Tube Cap
28	043059	1	Stud
29	043055	1	Packing
30	043060	1	Primer Stud
31	043060	1	Gasket Retainer
32	033081	1	Pump Check Spring
33	905380	1	Steel Ball 3/8" Diameter
34	043063	1	Spring Housing
35	043060	1	Copper Gasket
36	034789	1	Coupling Hose Assembly (Consists of items 37 to 54 inclusive)
37	040870	1	Coupler Assembly (Consists of items 38 to 46 inclusive)
38	040871	1	Body Cap
39	034182	1	Body Cap Gasket
40	040872	1	NOZZLE BODY
41	040873	1	NOZZLE BODY PLUG
42	034183	1	NOZZLE BODY PLUG GASKET
43	034615	1	COUPLER SPRING
44	034616	1	COUPLER SPRING WASHER
45	034200	1	PACKING WASHER
46	034189	1	SEALING PACKING
47	034713	1	COUPLER ADAPTER
48	034774	1	HOSE ASSEMBLY
49	034714	1	SWIVEL STUD
50	034783	1	SWIVEL END
51	034785	1	CUP LEATHER
52	034785	1	SWIVEL WASHER
53	034817	1	SWIVEL SPRING
54	034818	1	MALE CONNECTOR



LARGE HAND PRESSURE GUN 043031



ITEM	PART NUMBER	QTY.	NAME
1	034213	1	NOZZLE ASSEMBLY (INCLUDES ITEMS 2, 3 AND 4)
2	034214	1	NOZZLE CAP
3	034215	1	NOZZLE PACKING (2 PCS.) } IN ITEM 1
4	034216	1	NOZZLE BODY
5	034217	1	NOZZLE EXTENSION
6	034230	1	PUMP HEAD ASSEMBLY (INCLUDES ITEMS 9 TO 17 INCL.)
9	040376	1	PUMP BODY
10	040367	1	PLUNGER & KNOB ASSEM
11	034225	1	PUMP PACKING
12	040368	1	PACKING WASHER
13	040366	1	SPACER
14	034231	1	NOZZLE EXTENSION ADAPTER
15	034232	1	NEEDLE PACKING
16	034233	1	PUMP CHECK SPRING
17	912738	1	PUMP CHECK BALL 7/32" DIA.
18	034236	1	CONTAINER AND PISTON ASSEMBLY
19	034237	1	CONTAINER GASKET

SMALL HAND PRESSURE GUN (034241)

NUMERICAL INDEX

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U-175.	.49	032056	.49	034214	.87	034766	.53	35282.	.49	040128	.41
U-1671	.29	032059	.49	034215	.87	034767	.35	35285.	.55 to 73	040144	.29
U-2787	.79	032062	.49	034216	.87	034768	.86	35336.	.29 to 59	040145	.29
U-2862	.39	032132	.21, 23	034217	.87	034769	.86	35392.	.53, 59	040146	.29
U-2964	.21, 23	032385	.69	034225	.87	034770	.86	35404.	.81	040147	.29
U-3188	.10 to 59	032386	.69	034227	.86	034771	.86	35405.	.81	040148	.29
8526	.27	032546	.69	034230	.87	034772	.86	35422.	.71	040149	.29
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043613	.69	044555	.65	70170	.53	70931	.43	71899	.55	903631	.10
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043615	.69	044572	.51	70174	.43	70935	.43	71929	.47	903647	.15
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043618	.69	044581	.70	70177	.51	70939	.43,55	71959	.47	903771	.11,15
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043769	.84	044593	.55	70183	.51	71000	.51	72069	.82	904006	.81
043848	.69	044594	.55	70184	.53	71003	.51	72071	.82	904153	.31
043852	.31	044811	.84	70192	.53,64	71004	.43	072264	.71	904155	.41,79
043853	.31	044812	.84	70197	.53	71014	.43	072266	.71,73	904223	.79
043856	.31	044814	.84	70200	.53	71015	.47	072267	.71	904260	.5,6,11
043860	.31	044815	.84	70202	.53	71016	.47	072268	.71	904281	.31
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043866	.47	044829	.70	70229	.47	71084	.63	72398	.82	905340	.45
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043909	.59	044862	.45	70250	.47	71155	.57	72432	.55	905657	.15,17,23
043910	.59	044872	.29	70257	.47	71205	.81	72438	.59	905660	.13
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043955	.69	45102	.71	70275	.43	71209	.81	72462	.82	905665	.29
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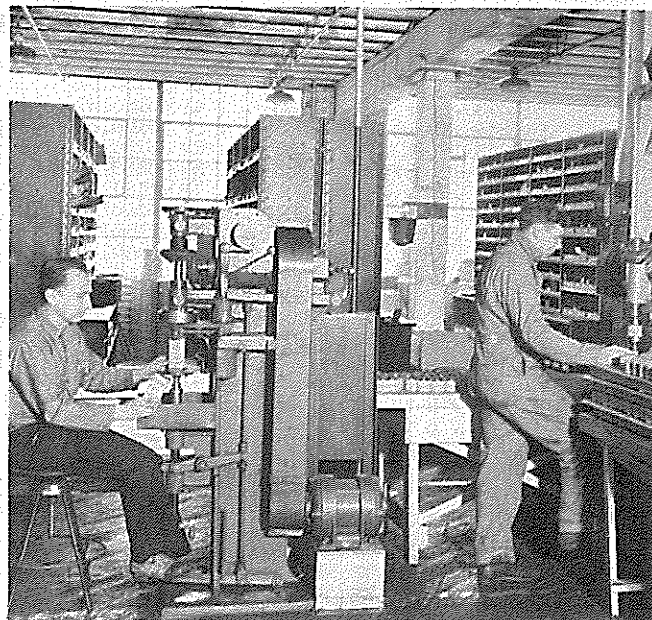
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PROTECT YOUR INVESTMENT WITH GENUINE PARTS



Above: Sealing the parts for your protection against dirt and dampness. Left: Inspectors checking for quality, quantity, and size.



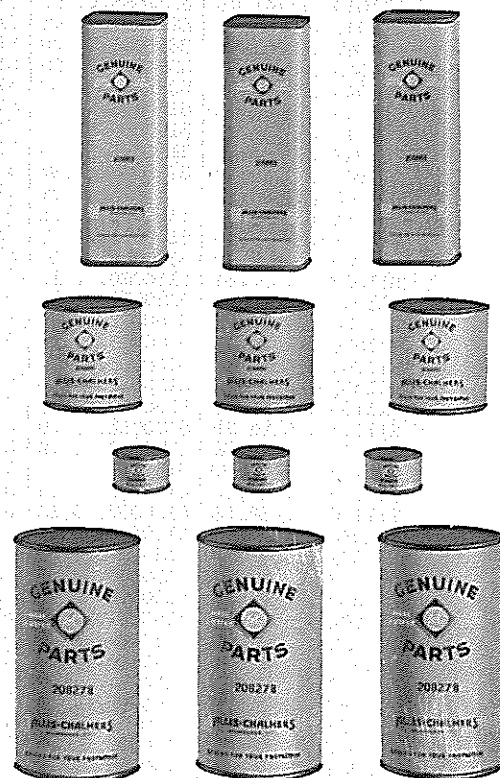
It would be a waste of effort to prepare a good seed bed and then use low-grade seed, or seed not suited to your soil or climatic conditions. That would defeat the purpose of securing the best possible results from your land.

This same principle holds true with your machinery. If you use replacement parts made by outsiders, you are inviting accidents and costly losses. Only by using genuine Allis-Chalmers parts can you fully protect yourself and your investment.

Each part is a reproduction of the original and is carefully checked for quality and fit right at the same factory where the machine was built. Trained inspectors check every part. Before the packages are sealed, each is weighed to make certain that the size and quantity are right.

This careful checking of repair parts is an Allis-Chalmers policy which enables your dealer to give you maximum performance and longer life in your machinery.

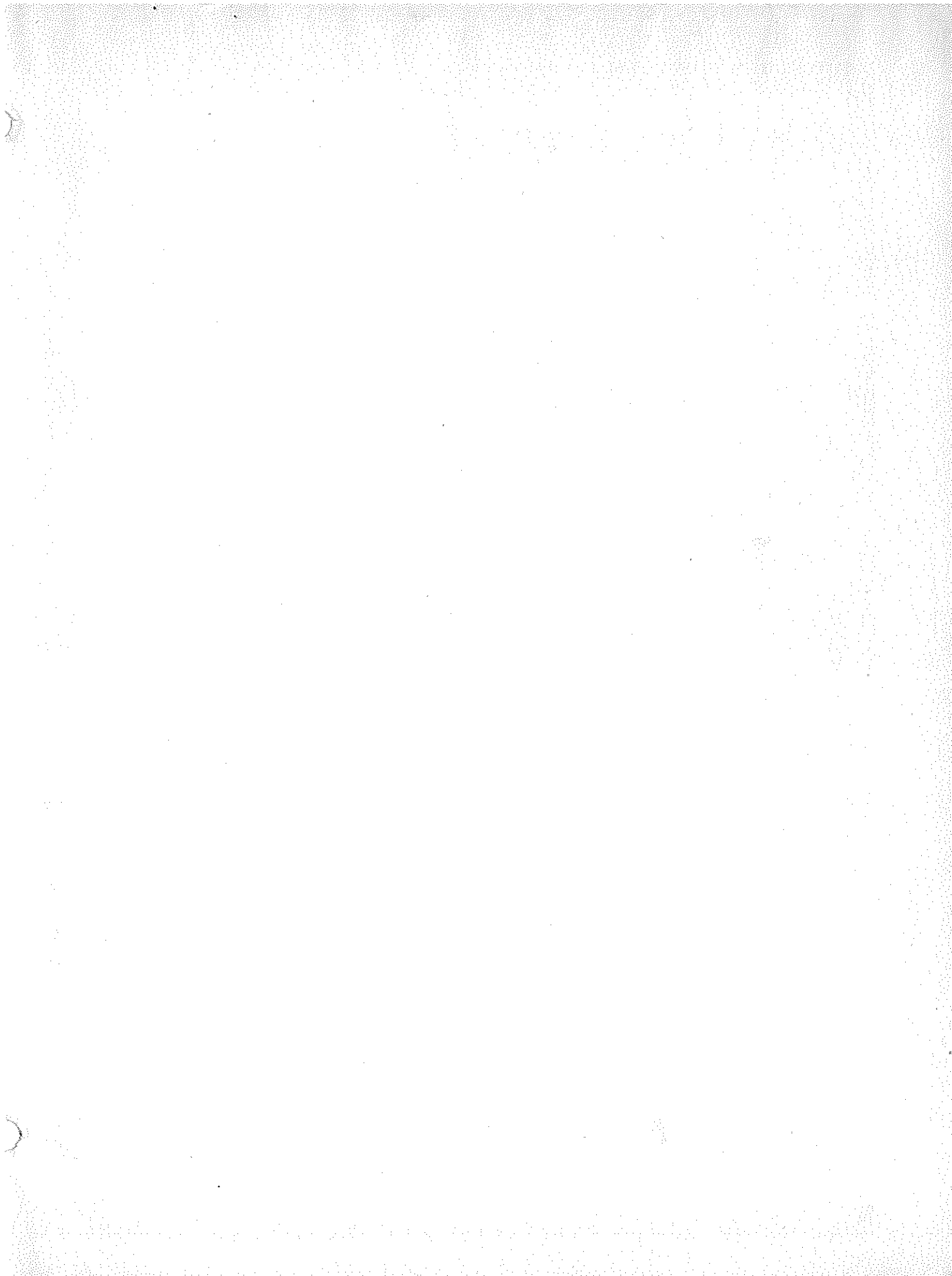
Don't take chances by using inferior parts manufactured by outsiders who have no interest in the successful performance of your equipment. Instead, use nothing but genuine Allis-Chalmers parts, and protect your investment against costly losses and delays.

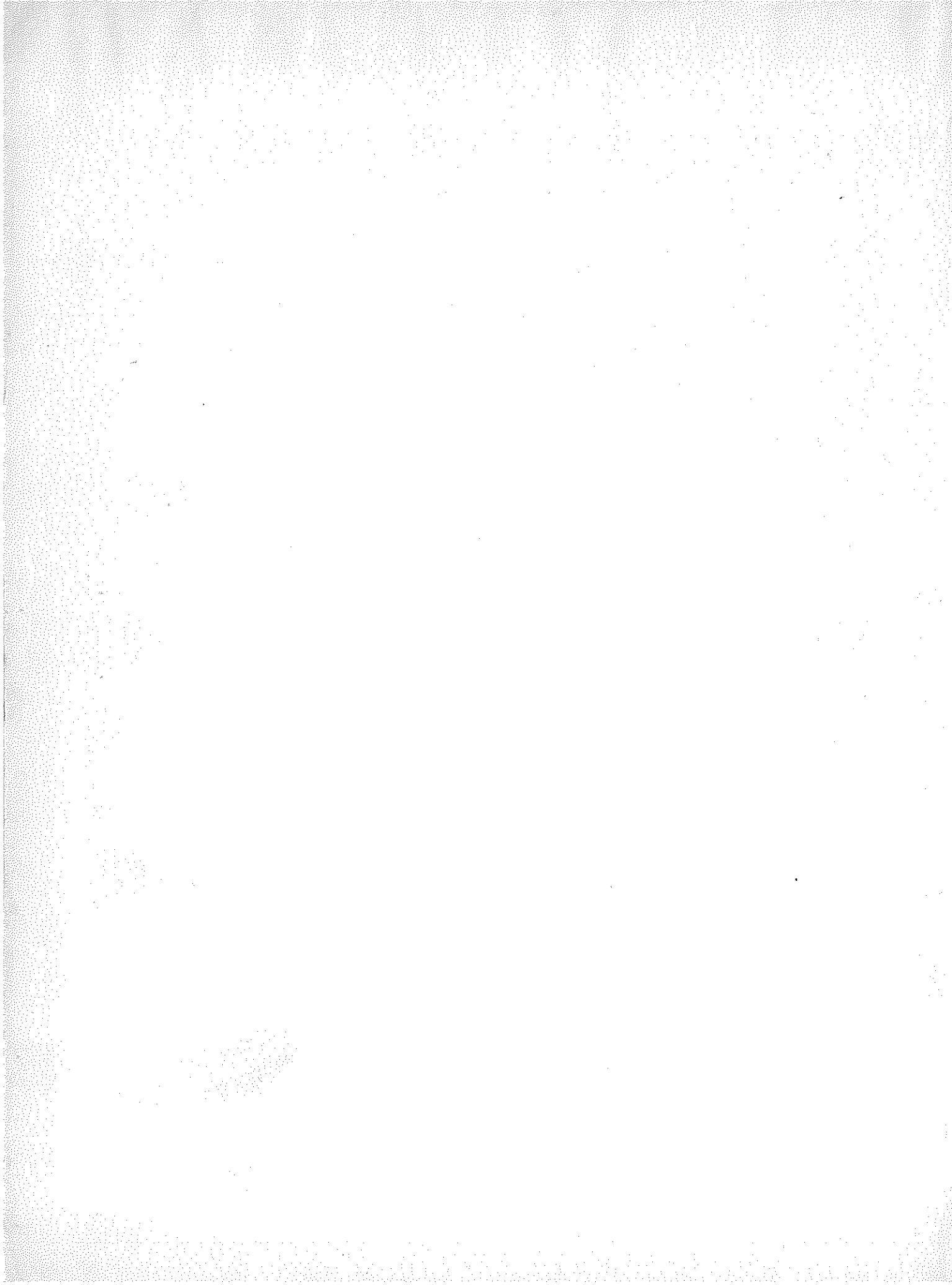


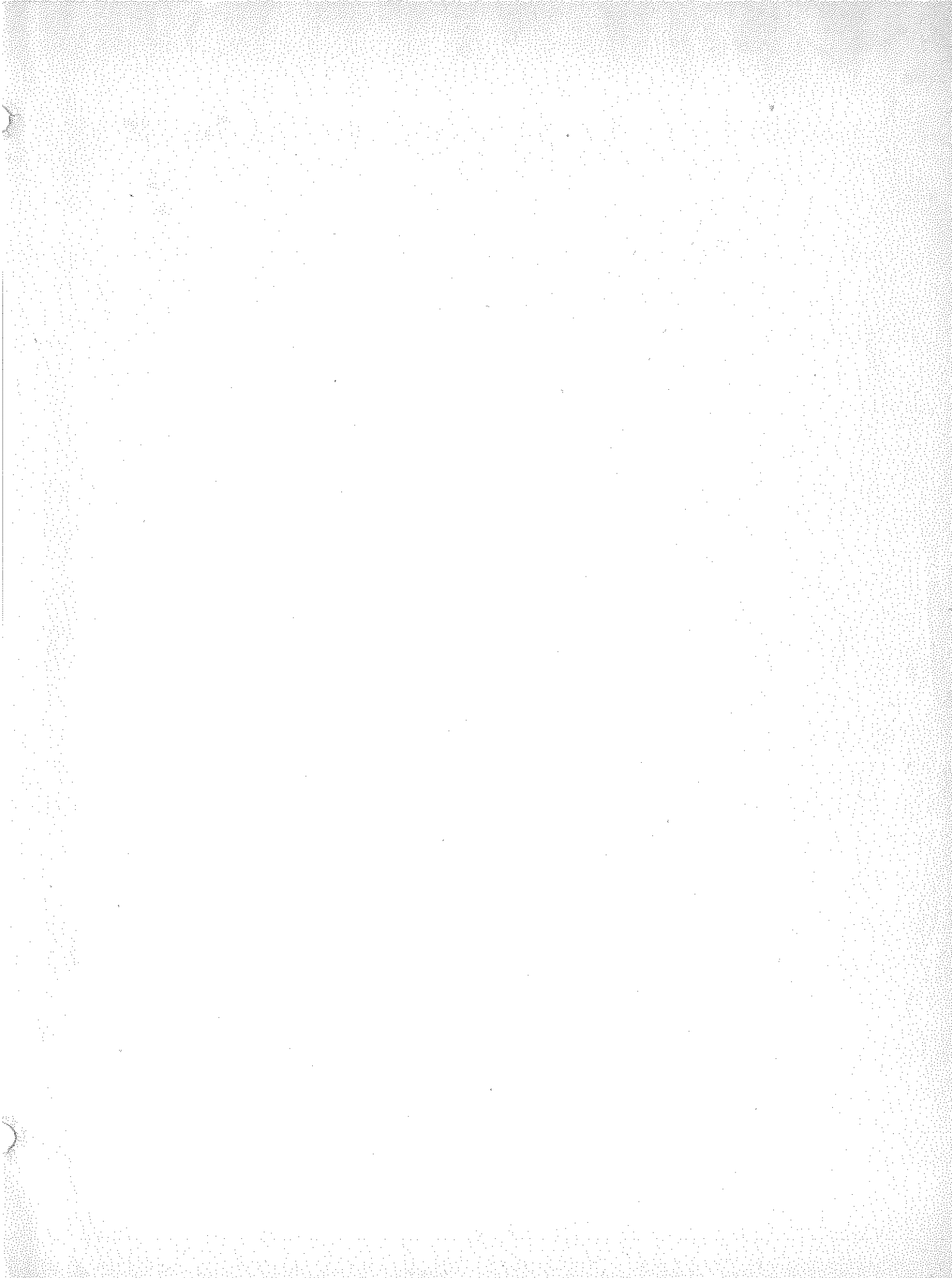
Allis-Chalmers replacement parts are duplications of the originals . . . made, checked, and sealed at the factory where your equipment is made.

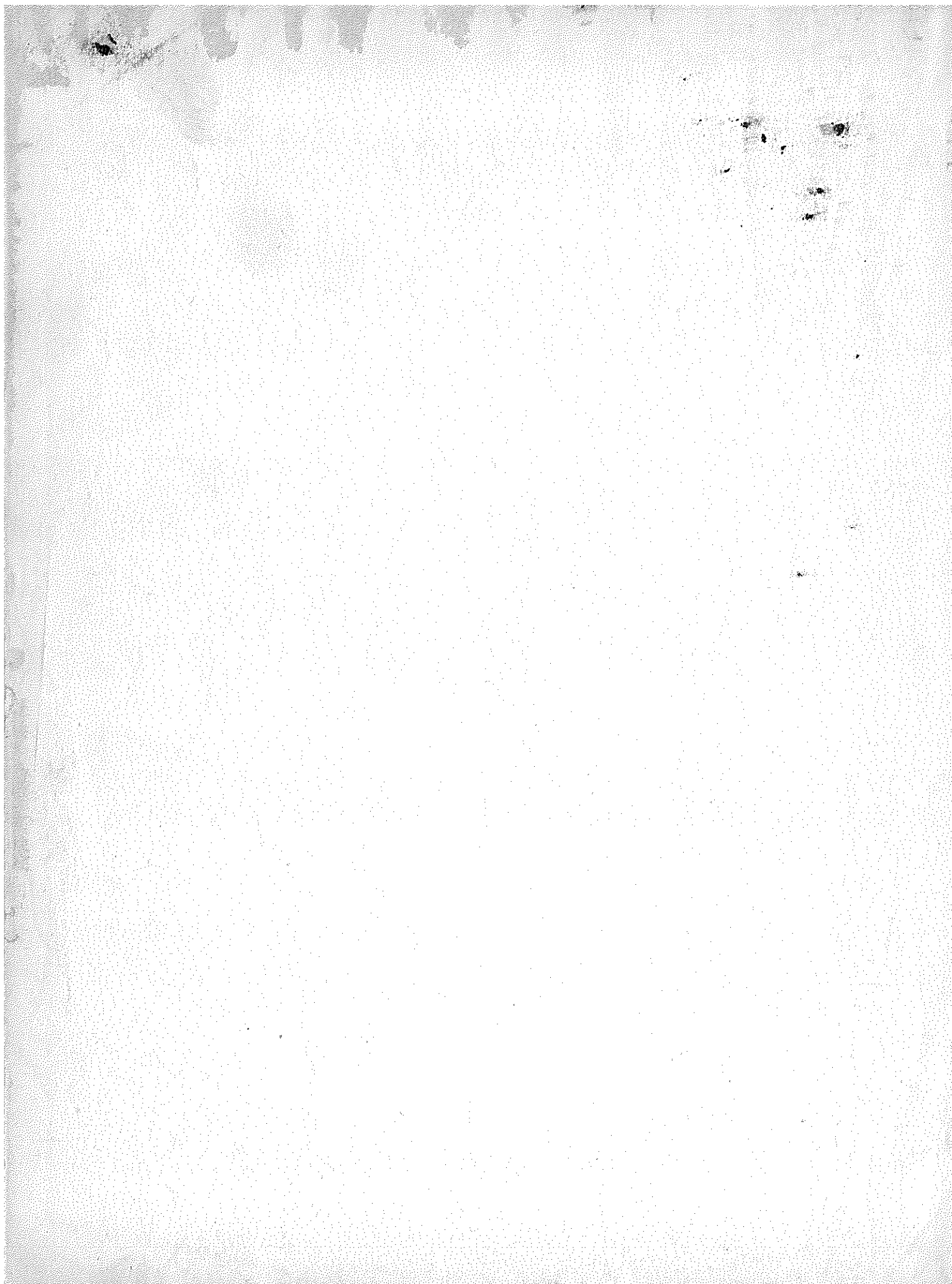
ALLIS-CHALMERS

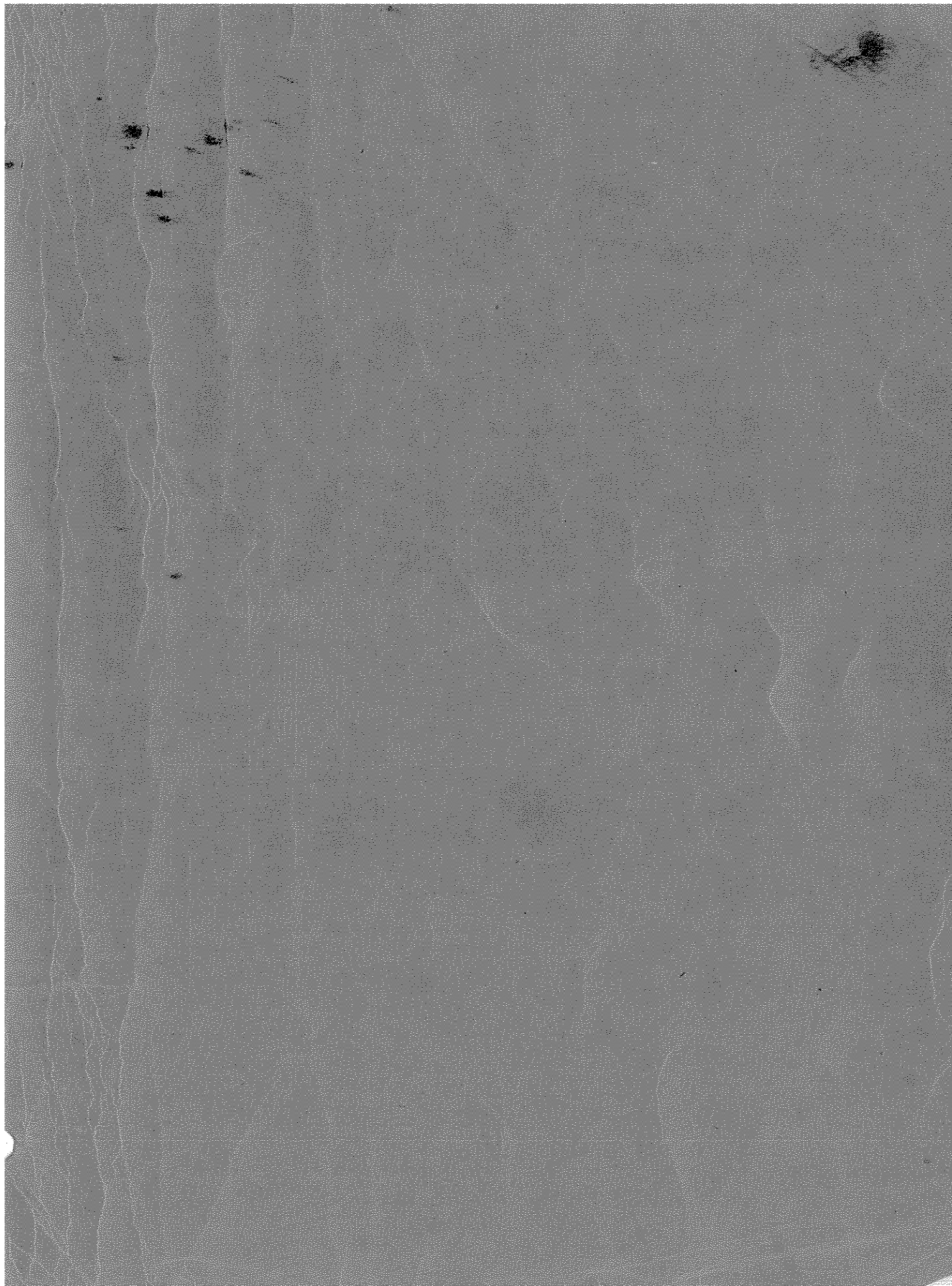
TRACTOR DIVISION—MILWAUKEE, U. S. A.

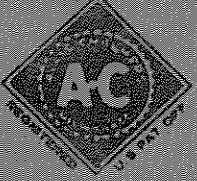










BE SAFE
BUY
GENUINE
MADE BETTER  **LAST LONGER**
PARTS
SEE YOUR ALLIS-CHALMERS DEALER

Get your repairs from the manufacturer of your machine. Use only parts you know are honestly made by the people who are interested in its success. Why take chances with parts built by outsiders, who have no interest in your welfare or in the performance of your equipment? Inferior repairs often result in accidents and extensive damage to the machine. Buy nothing but genuine Allis-Chalmers parts for Allis-Chalmers machinery . . . and be safe.

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 MADISON, WISCONSIN
 MASON CITY, IOWA
 MEMPHIS, TENNESSEE
 MINNEAPOLIS, MINNESOTA
 OAKLAND, CALIFORNIA
 OKLAHOMA CITY, OKLAHOMA

OMAHA, NEBRASKA
 PEORIA, ILLINOIS
 POCATELLO, IDAHO
 PORTLAND, OREGON
 ROCKFORD, ILLINOIS
 SIOUX CITY, IOWA
 SPOKANE, WASHINGTON
 ST. LOUIS, MISSOURI
 SYRACUSE, NEW YORK
 TOLEDO, OHIO
 WICHITA, KANSAS

CANADA

CALGARY, ALBERTA
 EDMONTON, ALBERTA

REGINA, SASKATCHEWAN
 SASKATOON, SASKATCHEWAN

TORONTO, ONTARIO
 WINNIPEG, MANITOBA

FOREIGN

BUENOS AIRES, ARGENTINA

LONDON, ENGLAND

PARIS, FRANCE

FACTORIES LOCATED AT

SPRINGFIELD, ILLINOIS
 LA CROSSE, WISCONSIN

LA PORTE, INDIANA
 WEST ALLIS, WISCONSIN

OXNARD, CALIFORNIA

ALLIS-CHALMERS
 TRACTOR DIVISION—MILWAUKEE, U. S. A.