

# **MICHIGAN**

## **PARTS MANUAL**

**No. 5010**

**Model 75I**

**Tractor Shovel**

**Record Your Machine  
Serial Number Here**

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**CLARK EQUIPMENT COMPANY**





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WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



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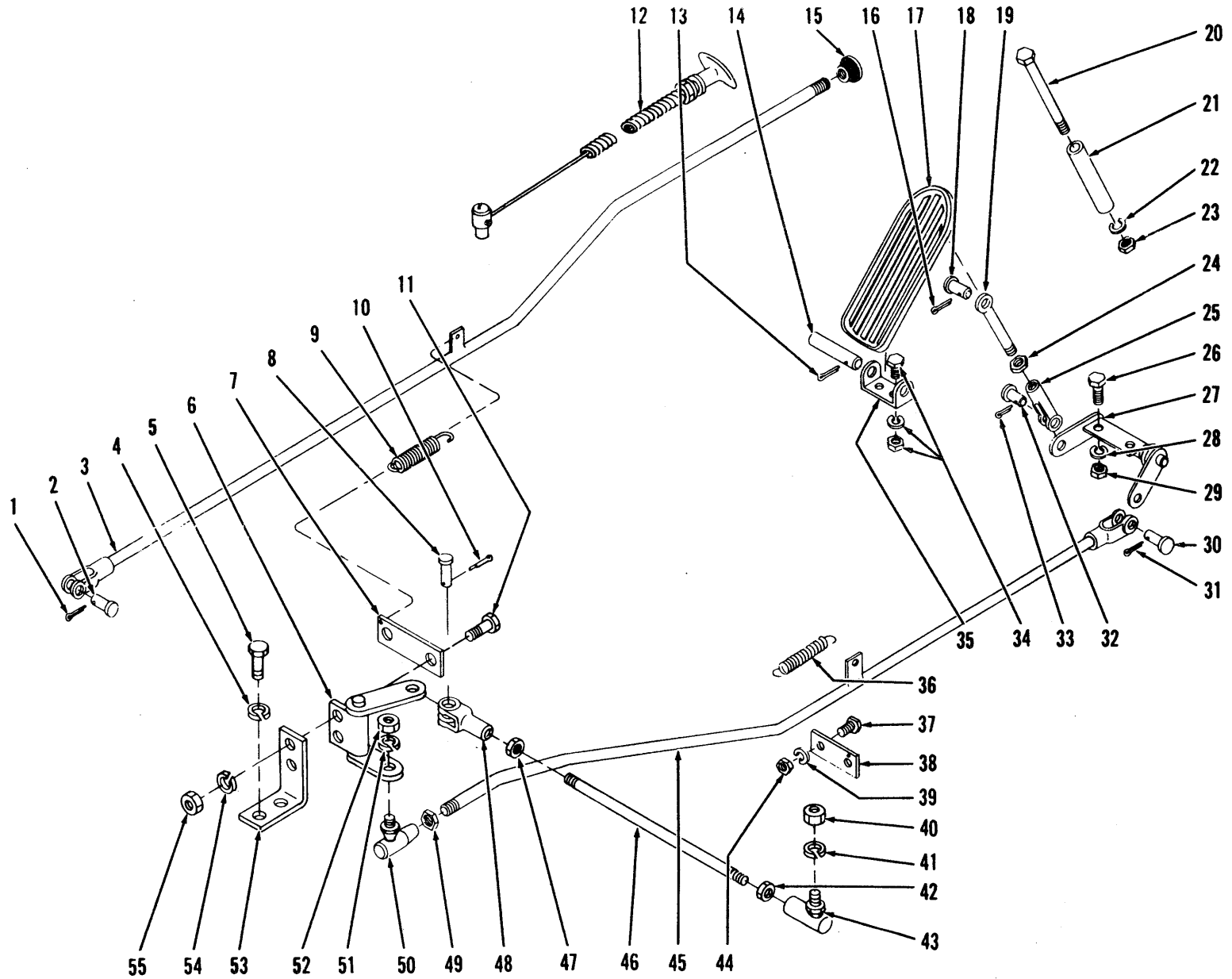
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WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE





ACCELERATOR PEDAL AND LINKAGE - G.M.

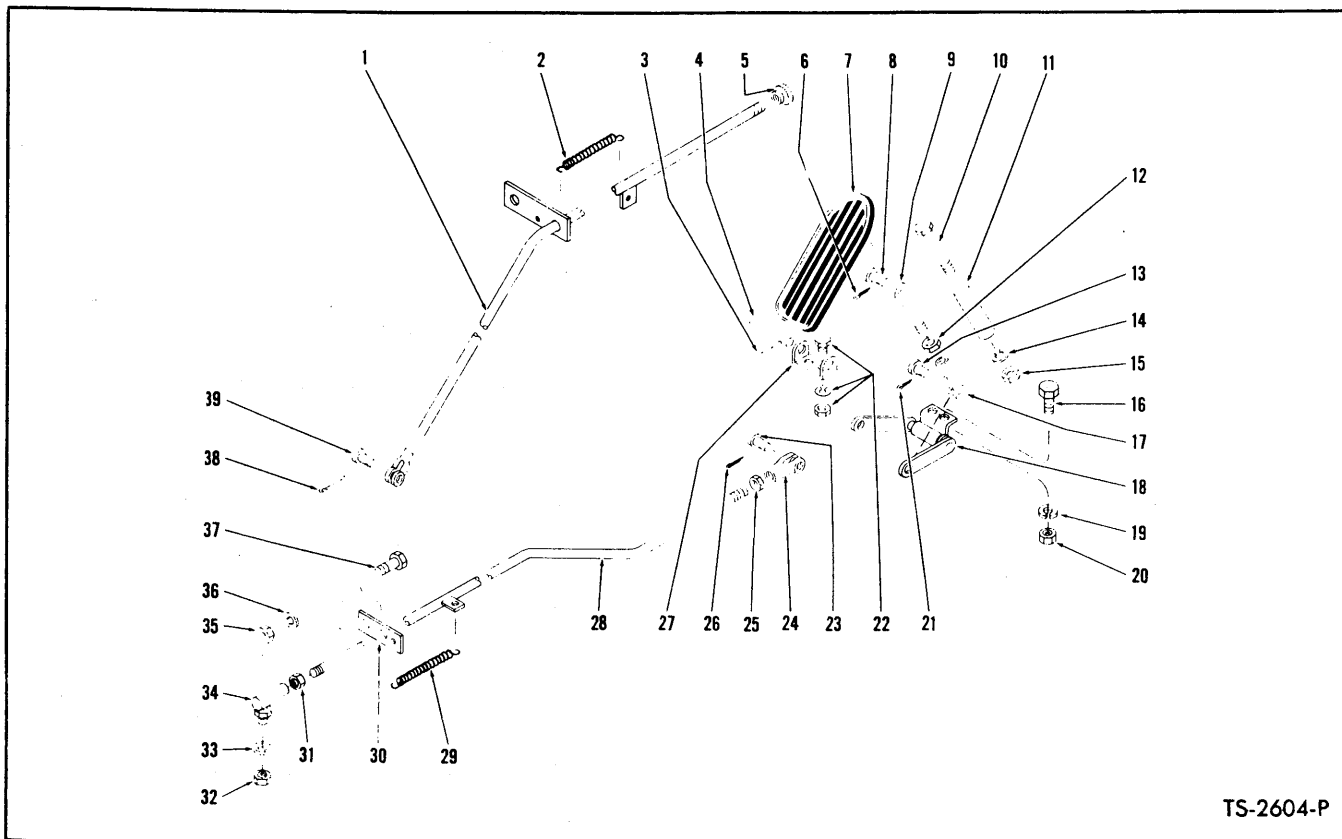
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**ACCELERATOR PEDAL AND LINKAGE — G.M.**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	1F-207	COTTER .....	1	30	4F-04051	PIN, Rod to Bell Crank .....	1
2	4F-04051	PIN, Rod to Engine .....	1	31	1F-207	COTTER .....	1
3	533612	ROD, Engine Shut-Off .....	1	32	4F-04051	PIN, Clevis to Bell Crank .....	1
4	4E-06	LKWSHR, Bracket to Engine .....	2	33	1F-207	COTTER .....	1
5	1C-616	BOLT, Bracket to Engine .....	2	34	2C-410	BOLT, Bracket to Floorboard .....	2
6	550616	BELL CRANK, Rear .....	1	34A	4E-04	LKWSHR, Bracket to Floorboard .....	2
7	521434	GUIDE, Engine Shut-Off Rod .....	1	34B	2D-04	NUT, Bracket to Floorboard .....	2
8	4F-04051	PIN, Clevis to Bell Crank .....	1	35	551015	BRACKET, Pedal Pivot .....	1
9	551090	SPRING, Rod Return .....	1	36	551090	SPRING, Rod Return .....	1
10	1F-207	COTTER .....	1	37	2C-616	BOLT, Guide to Frame .....	1
11	2C-412	BOLT, Guide & Bell Crank to Bracket .....	2	38	529364	GUIDE, Accelerator Rod .....	1
12	-----	*CABLE, Emergency Engine Shut-Off .....	—	39	4E-06	LKWSHR, Guide to Frame .....	1
13	1F-316	COTTER .....	1	40	2D-04	NUT, Ball Joint to Engine .....	1
14	623762	PIN, Pedal to Bracket .....	1	41	4E-04	LKWSHR, Ball Joint to Engine .....	1
15	533585	KNOB, Engine Shut-Off Rod .....	1	42	8D-04	NUT, Ball Joint Jam .....	1
16	1F-207	COTTER .....	1	43	1301360	BALL JOINT, Rod to Engine .....	1
17	623829	PEDAL, Accelerator .....	1	44	2D-06	NUT, Guide to Frame .....	1
18	4F-04051	PIN, Rod to Pedal .....	1	45	530927	ROD, Accelerator .....	1
19	550619	ROD, Pedal to Bell Crank .....	1	46	530930	ROD, Bell Crank to Engine .....	1
20	2C-448	BOLT, Stop to Floorboard .....	1	47	8D-04	NUT, Clevis Jam .....	1
21	551016	STOP, Pedal .....	1	48	2J-4200	CLEVIS, Rod to Bell Crank .....	1
22	4E-04	LKWSHR, Stop to Floorboard .....	1	49	8D-05	NUT, Ball Joint Arm .....	1
23	2D-04	NUT, Stop to Floorboard .....	1	50	1301361	BALL JOINT .....	1
24	8D-04	NUT, Clevis Jam .....	1	51	4E-05	LKWSHR, Ball Joint to Bell Crank .....	1
25	2J-4200	CLEVIS, Rod to Bell Crank .....	1	52	2D-05	NUT, Ball Joint to Bell Crank .....	1
26	2C-410	BOLT, Bell Crank to Floorboard .....	2	53	530932	BRACKET, Bell Crank & Guide to Engine .....	1
27	550792	BELL CRANK, Front .....	1	54	4E-04	LKWSHR, Bell Crank & Guide to Bracket .....	2
28	4E-04	LKWSHR, Bell Crank to Floorboard .....	2	55	2D-04	NUT, Bell Crank & Guide to Bracket .....	2
29	2D-04	NUT, Bell Crank to Floorboard .....	2				

\*Furnished with engine. See your local GM distributor for replacement or service on this part.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



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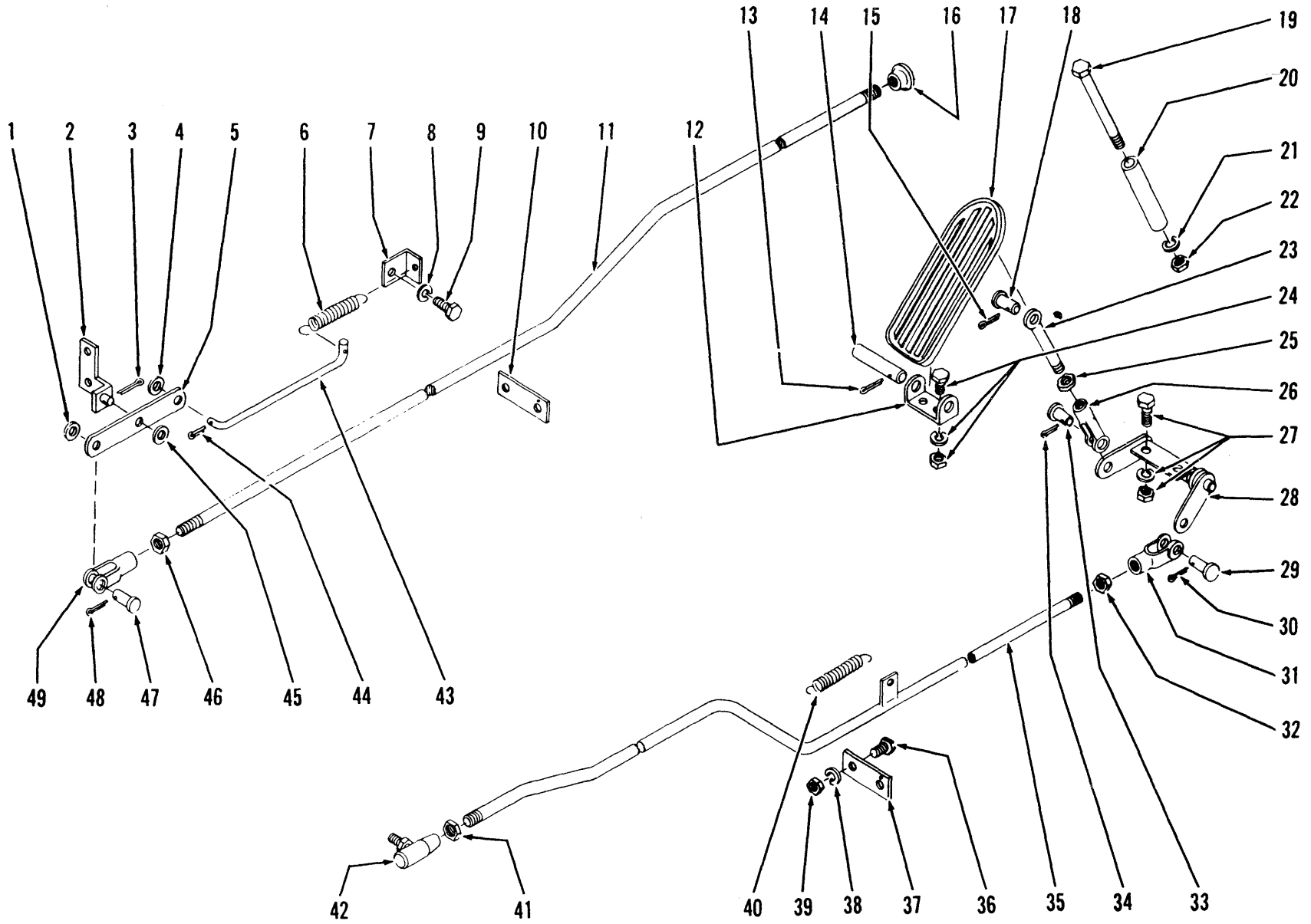
**ACCELERATOR PEDAL AND LINKAGE – GAS – WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	514624	ROD, Choke .....	1	22A	2D-04	NUT, Bracket to Floorboard .....	2
2	551090	SPRING, Choke Rod Return .....	1	22B	4E-04	LKWSHR, Bracket to Floorboard .....	2
3	1F-316	COTTER, Clevis Pin .....	1	23	4F-04051	PIN, Clevis to Bell Crank .....	1
4	623762	PIN, Pedal to Bracket .....	1	24	2J-4200	CLEVIS, Rod to Bell Crank .....	1
5	551178	KNOB, Choke Rod .....	1	25	8D-04	NUT, Clevis Jam .....	1
6	1F-207	COTTER, Clevis Pin .....	1	26	1F-207	COTTER, Clevis Pin .....	1
7	623829	PEDAL, Accelerator .....	1	27	551015	BRACKET, Accelerator Pedal Pivot .....	1
8	4F-04051	PIN, Pedal to Rod .....	1	28	514622	ROD, Accelerator .....	1
9	550619	ROD, Pedal to Bell Crank .....	1	29	551090	SPRING, Pedal Return .....	1
10	2C-448	BOLT, Stop to Floorboard .....	1	30	550624	GUIDE, Accelerator Rod .....	1
11	551016	STOP, Accelerator Pedal .....	1	31	8D-04	NUT, Ball Joint Jam .....	1
12	8D-04	NUT, Clevis Jam .....	1	32	8D-04	NUT, Ball Joint Attaching .....	1
13	4F-04051	PIN, Clevis to Bell Crank .....	1	33	4E-04	LKWSHR, Ball Joint Attaching .....	1
14	4E-04	LKWSHR, Stop to Floorboard .....	1	34	1301360	BALL JOINT, Rod to Carburetor .....	1
15	2D-04	NUT, Stop to Floorboard .....	1	35	2D-06	NUT, Guide Attaching .....	1
16	2C-41C	BOLT, Bell Crank to Floorboard .....	1	36	4E-06	LKWSHR, Guide Attaching .....	1
17	2J-4200	CLEVIS, Rod to Bell Crank .....	1	37	2C-616	BOLT, Guide Attaching .....	1
18	550616	BELL CRANK .....	1	38	1F-208	COTTER, Clevis Pin .....	1
19	4E-04	LKWSHR, Bell Crank to Floorboard .....	1	39	4F-03038	PIN, Choke Rod to Choke .....	1
20	2D-04	NUT, Bell Crank to Floorboard .....	1				
21	1F-207	COTTER, Clevis Pin .....	1				
22	2C-410	BOLT, Bracket to Floorboard .....	2				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**







ACCELERATOR PEDAL AND LINKAGE - DIESEL - WAUKESHA

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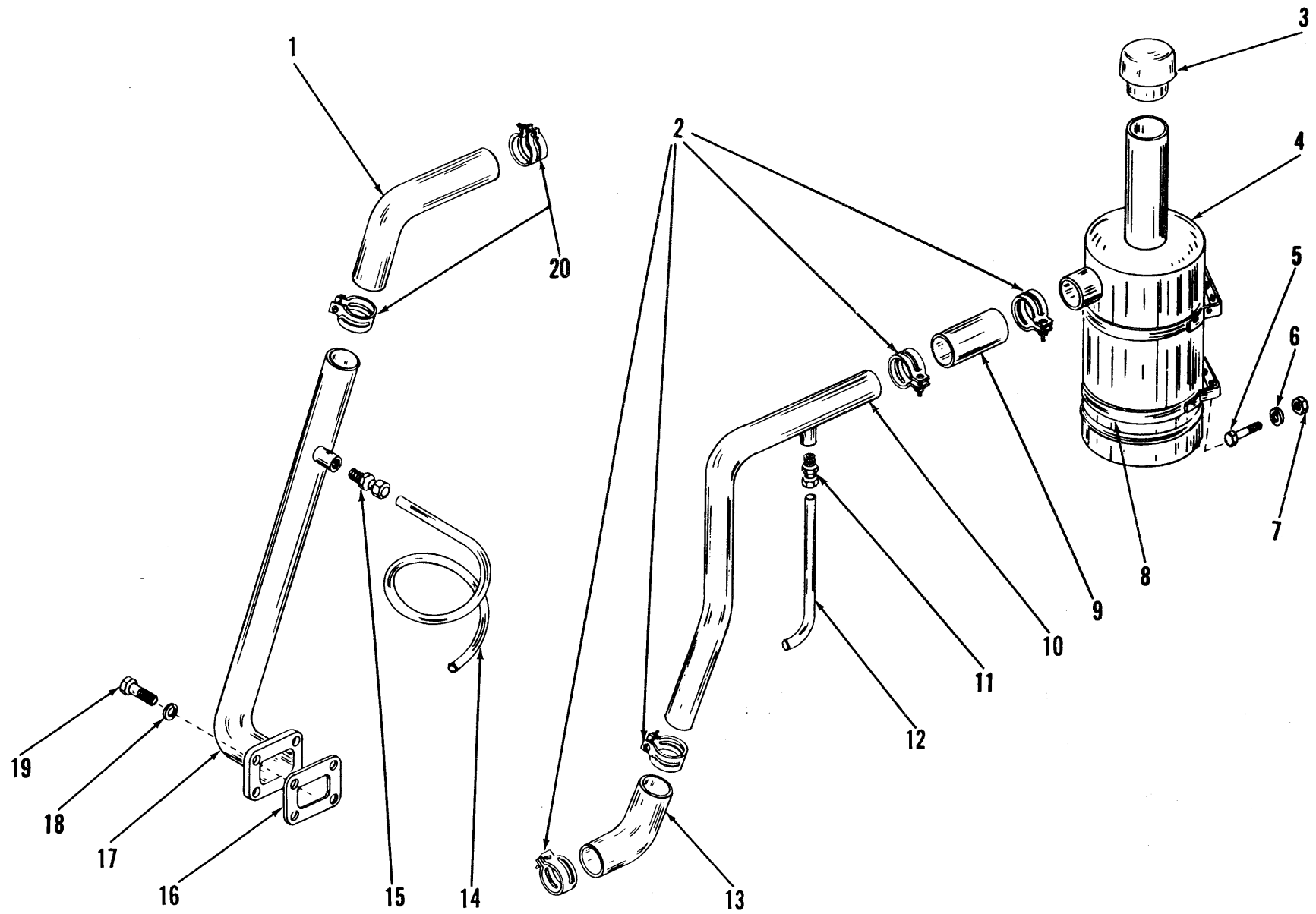
**ACCELERATOR PEDAL AND LINKAGE — DIESEL — WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	619018	WASHER, Bell Crank Arm	1	26	2J-4200	CLEVIS, Rod to Bell Crank	1
2	513005	BRACKET, Bell Crank	1	27	2C-410	BOLT, Bell Crank to Floorboard	2
3	1F-310	COTTER, Arm to Bracket	1	27A	2D-04	NUT, Bell Crank to Floorboard	2
4	619018	WASHER, Bell Crank Arm	1	27B	4E-04	LKWSHR, Bell Crank to Floorboard	2
5	513007	ARM, Bell Crank	1	28	550616	BELL CRANK	1
6	551090	SPRING, Shut-Off Return	1	29	4F-04051	PIN, Clevis to Bell Crank	1
7	513002	CLIP, Return Spring	1	30	1F-207	COTTER, Clevis Pin	1
8	4E-04	LKWSHR, Return Spring Clip	1	31	2J-4200	CLEVIS, Rod to Bell Crank	1
9	1C-409	BOLT, Return Spring Clip	1	32	8D-04	NUT, Clevis Jam	1
10	551514	GUIDE, Shut-Off Rod	1	33	4F-04051	PIN, Clevis to Bell Crank	1
11	514620	*ROD, Shut-Off .....	1	34	1F-207	COTTER, Clevis Pin	1
				35		ROD, Accelerator	
				35A	551759	For Serial Group "C" Below	1
				35B	553988	For Serial Group "D" Below	1
				35C	514617	For Serial Group "B" Below	1
12	551015	BRACKET, Pedal Pivot	1	36	2C-516	BOLT, Guide Attaching	1
13	1F-316	COTTER, Pedal to Bracket Pin	1	37	550624	GUIDE, Accelerator Rod	1
14	623762	PIN, Pedal to Bracket	1	38	4E-05	LKWSHR, Guide Attaching	1
15	1F-207	COTTER, Clevis Pin	1	39	2D-05	NUT, Guide Attaching	1
16	551178	KNOB, Shut-Off Rod	1	40	551090	SPRING, Pedal Return	1
17	623829	PEDAL, Accelerator	1	41	8D-04	NUT, Jam	1
18	4F-04051	PIN, Rod to Pedal	1	42	1301360	BALL JOINT -- (See Note "A")	1
19	2C-448	BOLT, Pedal Stop	1	43	513003	ROD, Connector	1
20	551016	STOP, Accelerator Pedal	1	44	1F-310	COTTER, Rod to Bell Crank Arm	1
21	4E-04	LKWSHR, Pedal Stop	1	45	619018	WASHER, Bell Crank Arm	1
22	2D-04	NUT, Pedal Stop	1	46	14D-10	NUT, Clevis Jam	1
23	550619	ROD, Pedal to Bell Crank	1	47	4F-03038	PIN, Clevis	1
24	2C-410	BOLT, Bracket to Floorboard	2	48	1F-208	COTTER, Clevis Pin	1
24A	2D-04	NUT, Pedal to Bell Crank	2	49	2J-10109	CLEVIS	1
24B	4E-04	LKWSHR, Pedal to Bell Crank	2				
25	8D-04	NUT, Clevis Jam	1				

\*NOTE: Machines in Serial Group "C" were equipped with a 1520193 Cable in this location.

NOTE "A": Machines in Serial Group "C" were equipped with a 2J-4200 Clevis, 4F-04051 Pin and 1F-207 Cotter in this location.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



AIR CLEANER AND ATTACHING PARTS

TS-146-PI



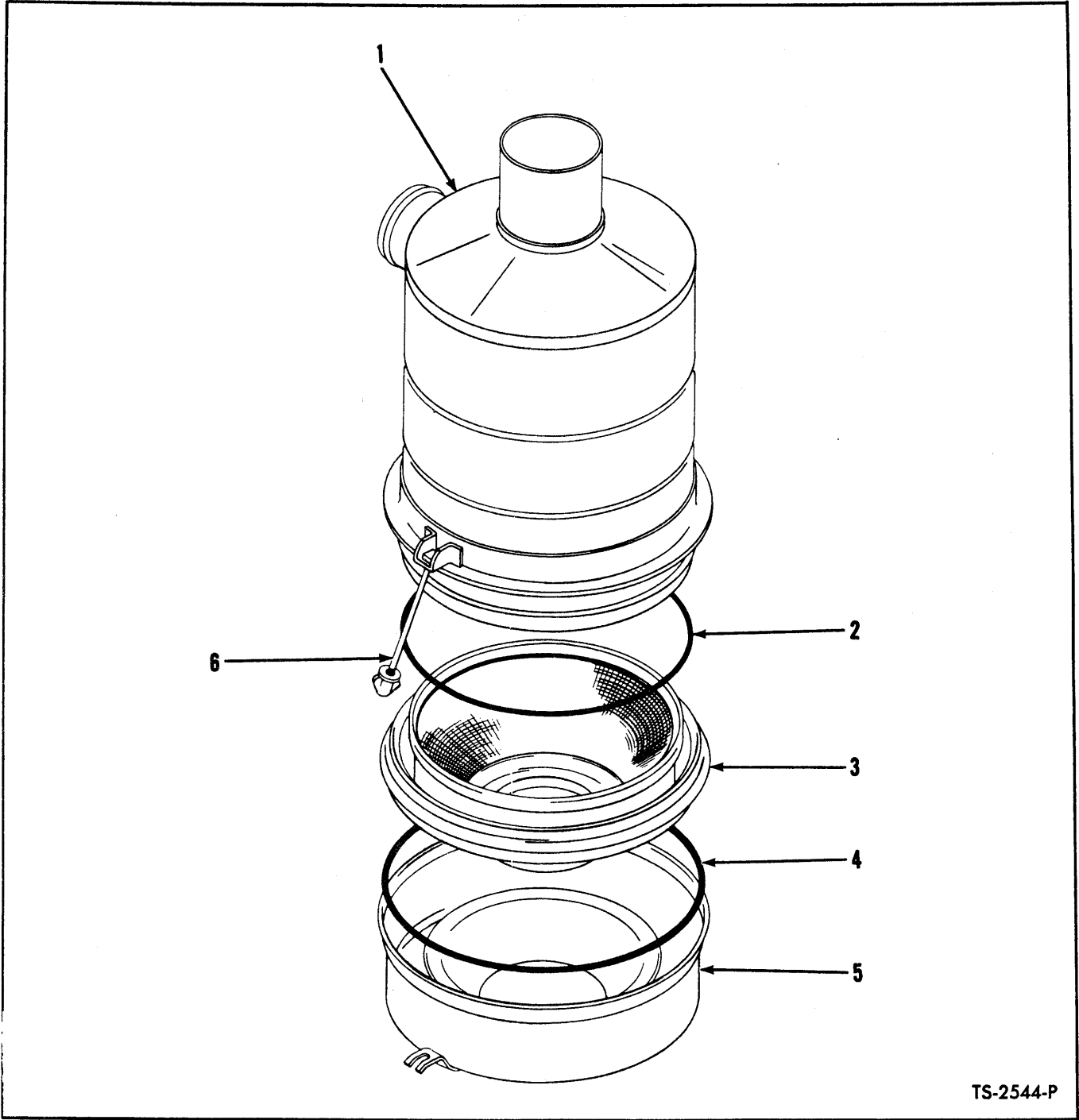
**AIR CLEANER AND ATTACHING PARTS**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.
1		Hose, Air Cleaner — DIESEL.....	1
	514603	Effective with Serial: 75A—10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B—6201D & thereafter 75R—7155D & thereafter	
2	4H-38	Clamp, Hose — GAS .....	4
3	550653	Cap, Air Cleaner.....	1
4	550654	Air Cleaner .....	1
5	2C-410	Bolt, Cleaner to Reservoir.....	4
6	4E-04	Lkwshr, Cleaner to Reservoir.....	4
7	2D-04	Nut, Cleaner to Reservoir .....	4
8	550659	Strap, Air Cleaner .....	2
9		Hose, Air Cleaner — GAS .....	1

Item No.	Part No.	Description	No. Req'd.
	516432	Effective with Serial: 75A—10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B—6201D & thereafter 75R—7155D & thereafter	
15A	655281	Hose Nipple — DIESEL — Effective with Serial: .....	2
		75A—10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B—6201D & thereafter 75R—7155D & thereafter	
16	551756	Gasket, Adaptor to Manifold — DIESEL .....	1
17	550765	Intake Manifold Adaptor Assy. — DIESEL .....	1
18	4E-05	Lkwshr, Adaptor to Manifold — DIESEL .....	4
19	1C-512	Bolt, Adaptor to Manifold — DIESEL	4
20		Clamp, Hose — DIESEL.....	2
	521874	For Serial: 75A—8123D thru 10222D, 10240D & 10247D thru 10251D 75B—6123D thru 6200D 75R—7123D thru 7154D	
	4H-35	Effective with Serial: 75A—10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B—6201D & thereafter 75R—7155D & thereafter	

**MUFFLER AND PARTS**

Item No.	Part No.	Description	No. Req'd.
21	550650	Muffler .....	1
23	550764	Manifold Adaptor — DIESEL .....	1
24	550652	Clamp, Adaptor to Muffler.....	1
25	551528	Clamp, Tail Pipe to Brace.....	1



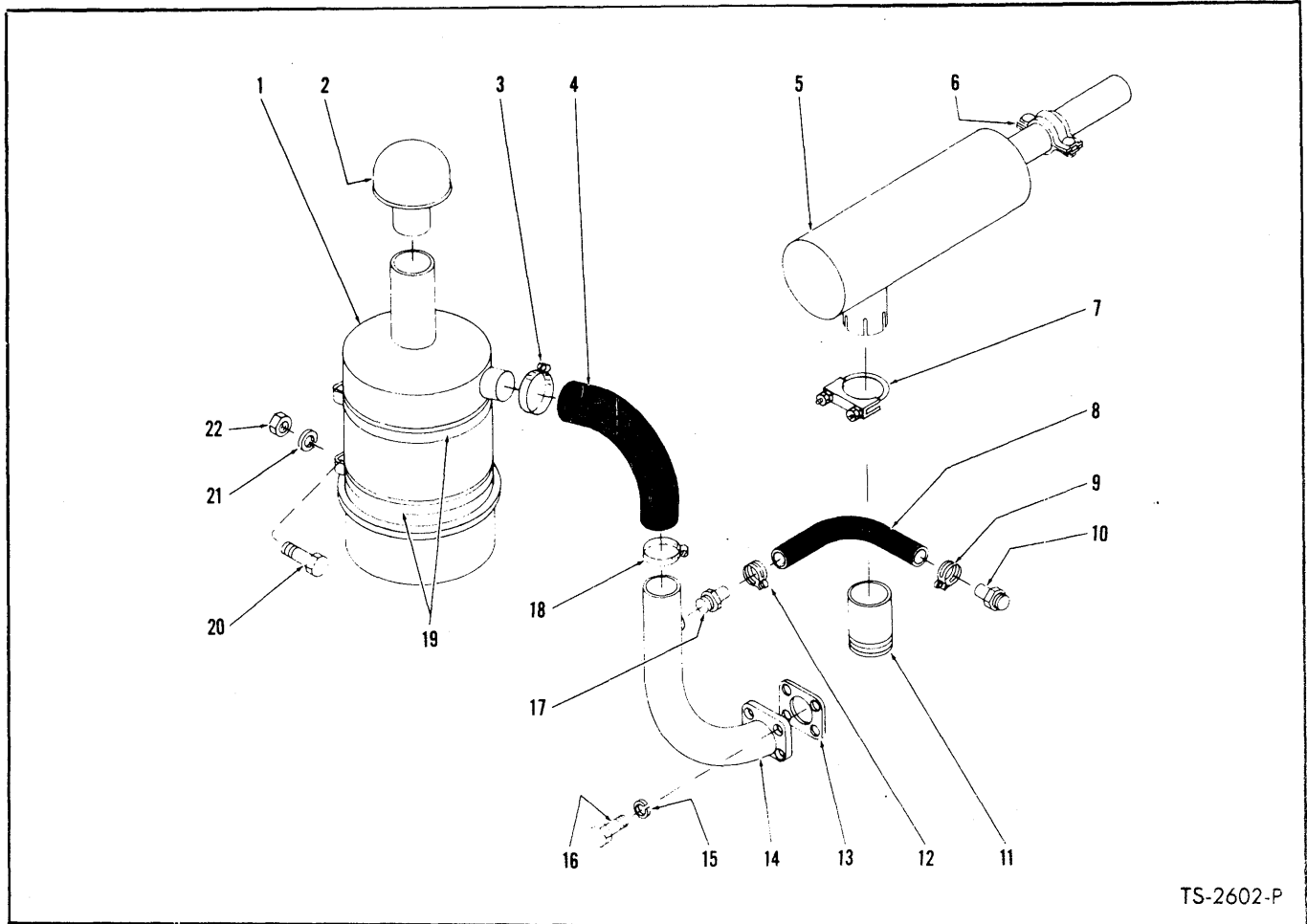
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**AIR CLEANER ASSEMBLY —G.M.**

Item No.	Part No.	Description	No. Req'd.
A	420696	AIR CLEANER ASSY (Inc. 1 thru 6)	1
1		§BODY — See "A"	—
2	878660	"O" RING	1
3	878659	TRAY	1
4	878660	"O" RING	1
5	878661	OIL CUP	1
6	874962	ROD, Side	2

§Not Sold Separately, order complete assembly.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2602-P

**AIR CLEANER AND CONNECTIONS — DIESEL**  
S/N MB 941 thru 990

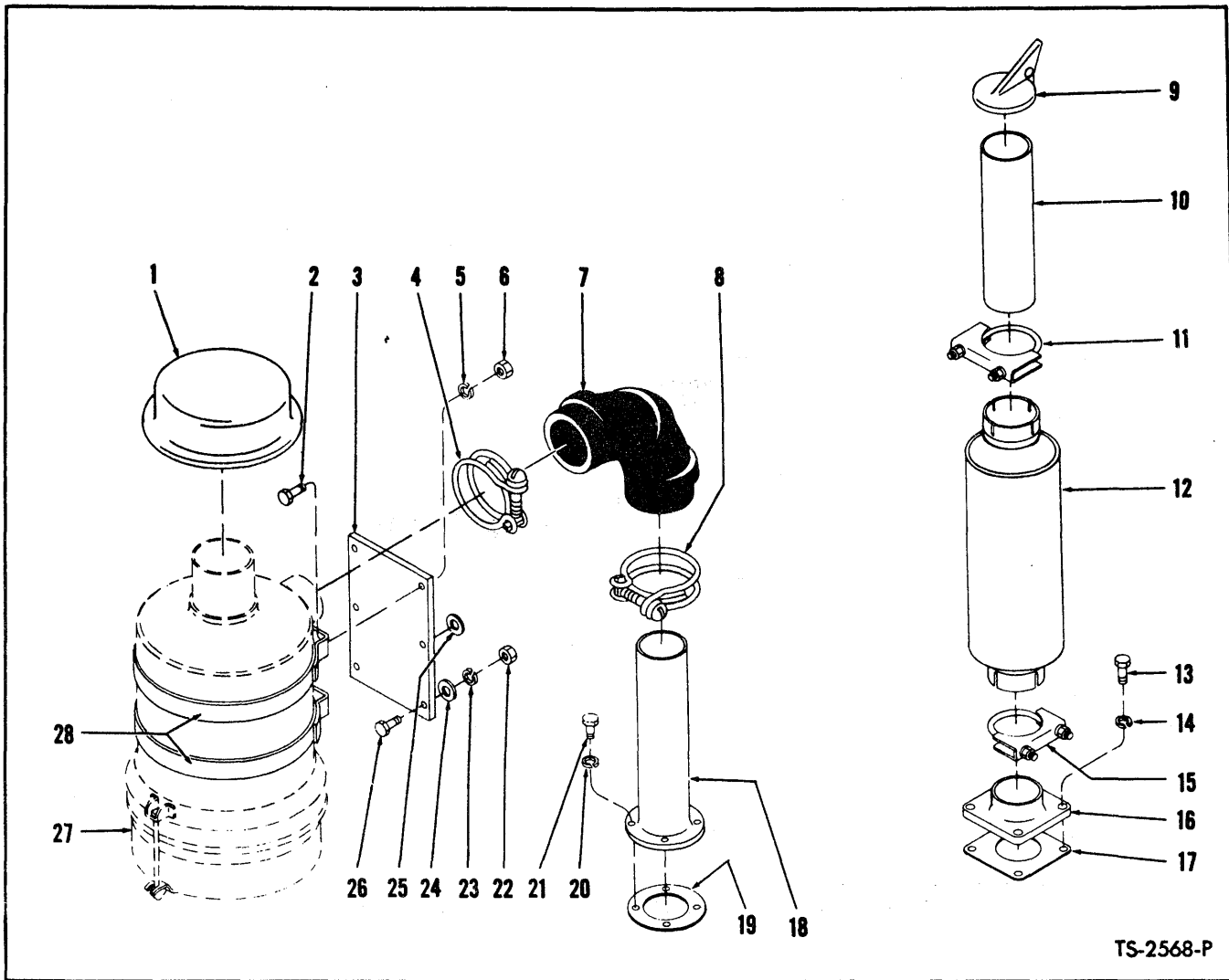
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	117203	AIR CLEANER	1	14	117161 a	TUBE, Air Intake	1
2	117203	CAP, Air Cleaner	1	15	117161 a	LKWSHR, Tube to Manifold	1
3	784663	CLAMP, Hose	1	16	119108 a	BOLT, Tube to Manifold	1
4		HOSE, Tube to Air Cleaner		17		FITTING, Hose to Tube	
4B	210006	For Serial Group "B" Below	1				
5	117225	MUFFLER	1	18	784663	CLAMP, Hose	1
6	551528	CLAMP, Muffler to Hood	1	19	117208	STRAP, Air Cleaner Attaching	2
7	550652	CLAMP, Muffler to Adapter	1	20	2C-410	BOLT, Air Cleaner to Reservoir	4
9	4H-15	CLAMP, Hose	1	21	4E-04	LKWSHR, Air Cleaner to Reservoir	4
10		FITTING, Hose to Rocker Arm Cover		22	2D-04	NUT, Air Cleaner to Reservoir	4
11	117158	ADAPTER, Muffler to Manifold	1				
12	4H-15	CLAMP, Hose	1				
13	117500	GASKET, Tube to Manifold	1				

**Serial Group "A":**  
75A — 8123D thru 10222D  
75B — 6123D thru 6200D  
75R — 7123D thru 7154D

**Serial Group "B":**  
75A — 10223D thru 12183D, 1CB893 and thereafter  
75B — 6201D thru 6270D  
75R — 7155D thru 7183D

\*NOTE: When 516432 Hose is installed in serial group "A" items 9, 10B, 12 and 17B must be used.

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



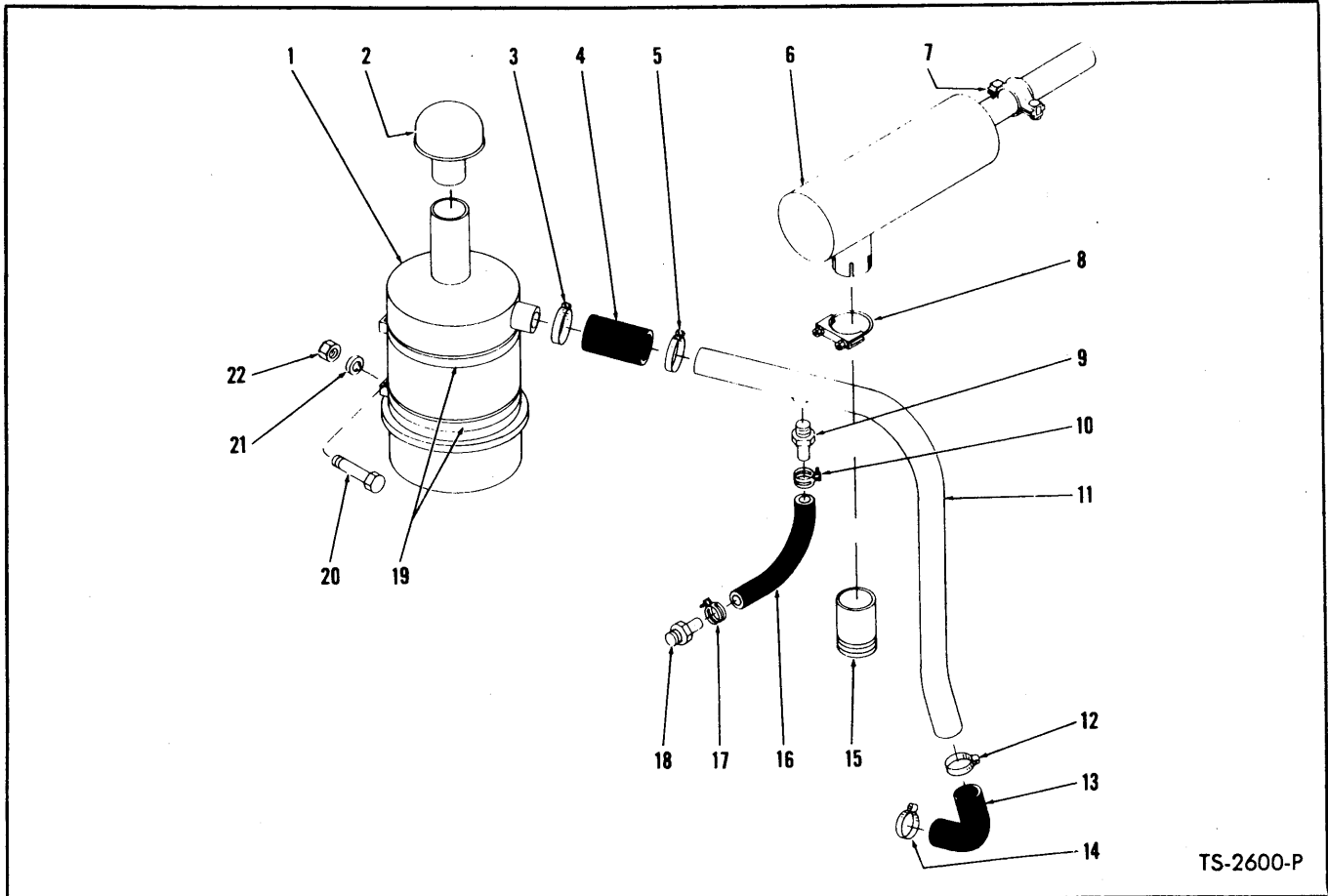
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**AIR CLEANER AND MUFFLER —G.M.**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	511512	CAP, Air Cleaner .....	1	16	509300	FLANGE, Exhaust Manifold.....	1
2	2C-620	BOLT, Air Cleaner to Bracket.....	4	17	509303	GASKET, Manifold Flange.....	1
3	509456	BRACKET, Air Cleaner to Hood.....	1	18	509295	TUBE, Air Intake Manifold.....	1
4	21H-74	CLAMP, Hose to Air Cleaner.....	1	19	509299	GASKET, Manifold Flange.....	1
5	4E-06	LKWSHR, Air Cleaner to Bracket.....	4	20	4E-05	LKWSHR, Flange to Intake Manifold..	4
6	2D-06	NUT, Air Cleaner to Bracket.....	4	21	1C-516	BOLT, Flange to Intake Manifold .....	4
7	515425	HOSE, Air Cleaner to Intake Tube....	1	22	2D-06	NUT, Bracket to Hood.....	2
8	21H-74	CLAMP, Hose to Inlet Tube.....	1	23	4E-06	LKWSHR, Bracket to Hood.....	2
9	511493	CAP, Rain .....	1	24	619021	WASHER, Bracket to Hood.....	2
10	509304	TAIL PIPE .....	1	25	619021	WASHER, Air Cleaner & Bracket to Hood .....	2
11	507069	CLAMP, Muffler to Tail Pipe .....	1	26	2C-616	BOLT, Bracket to Hood.....	2
12	507066	MUFFLER .....	1	27	-----	AIR CLEANER ASSY (See Index).....	—
13	2C-716	BOLT, Flange to Exhaust Manifold.....	4	28	941474	STRAP, Air Cleaner Mounting.....	2
14	4E-07	LKWSHR, Flange to Exhaust Manifold	4				
15	507069	CLAMP, Muffler to Flange.....	1				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





TS-2600-P

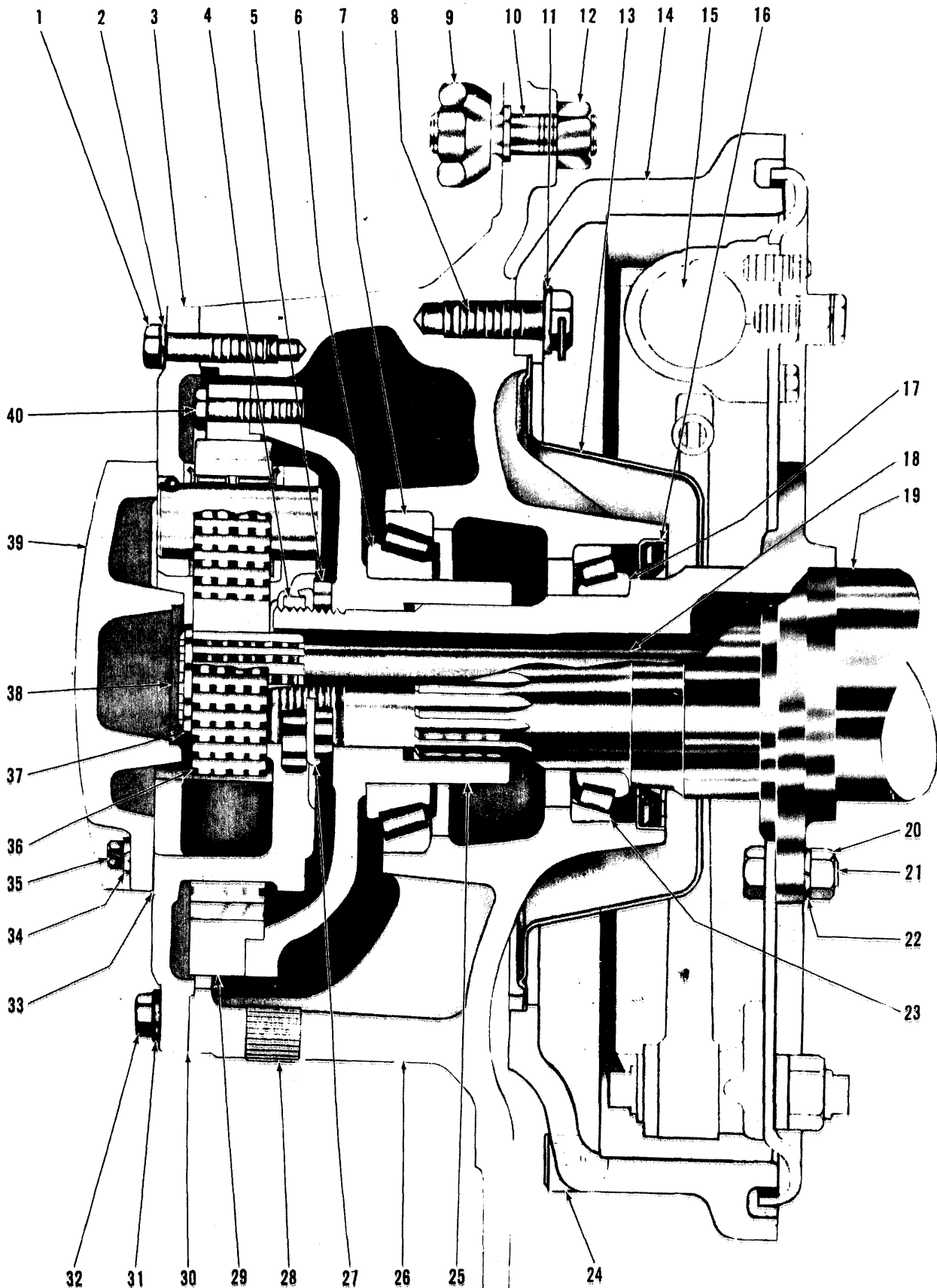
**AIR CLEANER AND CONNECTIONS — GAS-WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550654	** AIR CLEANER	1	15	550651	ADAPTER, Muffler to Manifold	1
2	550653	CAP, Air Cleaner	1	16	712175	*HOSE, Rocker Arm Cover Breather	1
3	875248	CLAMP, Hose	1	17	4H-15	CLAMP, Hose	1
4		HOSE, Tube to Air Cleaner		18		FITTING, Hose to Rocker Arm Cover	
4A	1M-16030	For Serial Group "A" Below	1	18A	550660	CONNECTOR — For Serial Group "A" Below	1
4B	1M-16050	For Serial Group "B" Below	1	18B	655281	NIPPLE — For Serial Group "B" Below	1
5	875248	CLAMP, Hose	1	19	550659	STRAP, Air Cleaner Attaching	2
6	550650	MUFFLER	1	20	2C-410	BOLT, Air Cleaner to Reservoir	4
7	551528	CLAMP, Muffler to Hood	1	21	4E-10	LKWSHR, Air Cleaner to Reservoir	4
8	550652	CLAMP, Muffler to Adapter	1	22	2D-04	NUT, Air Cleaner to Reservoir	4
9		FITTING, Hose to Tube		<b>Serial Group "A":</b>			
9A	550660	CONNECTOR — For Serial Group "A" Below	1	75A — 8123 thru 10222, 10240, 10247 thru 10251			
9B	655281	NIPPLE — For Serial Group "B" Below	1	75B — 6123 thru 6200			
				75R — 7123 thru 7154			
10	4H-15	CLAMP, Hose	1	<b>Serial Group "B":</b>			
11	550655	TUBE, Air Cleaner	1	75A — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 and thereafter			
12	875248	CLAMP, Hose	1	75B — 6201 thru 6270			
13	550657	HOSE, Tube to Carburetor	1	75R — 7155 thru 7183			
14	875248	CLAMP, Hose	1				

\*NOTE: When 712175 Hose is installed on serial group "A" items 9B, 10, 17 and 18B must be used.

\*\*NOTE: For replacement use 1-537471 Air Cleaner plus 1-1533457 Adapter, 1-540104 Clamp & 1-540108 Clamp.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



AXLE ASSEMBLY

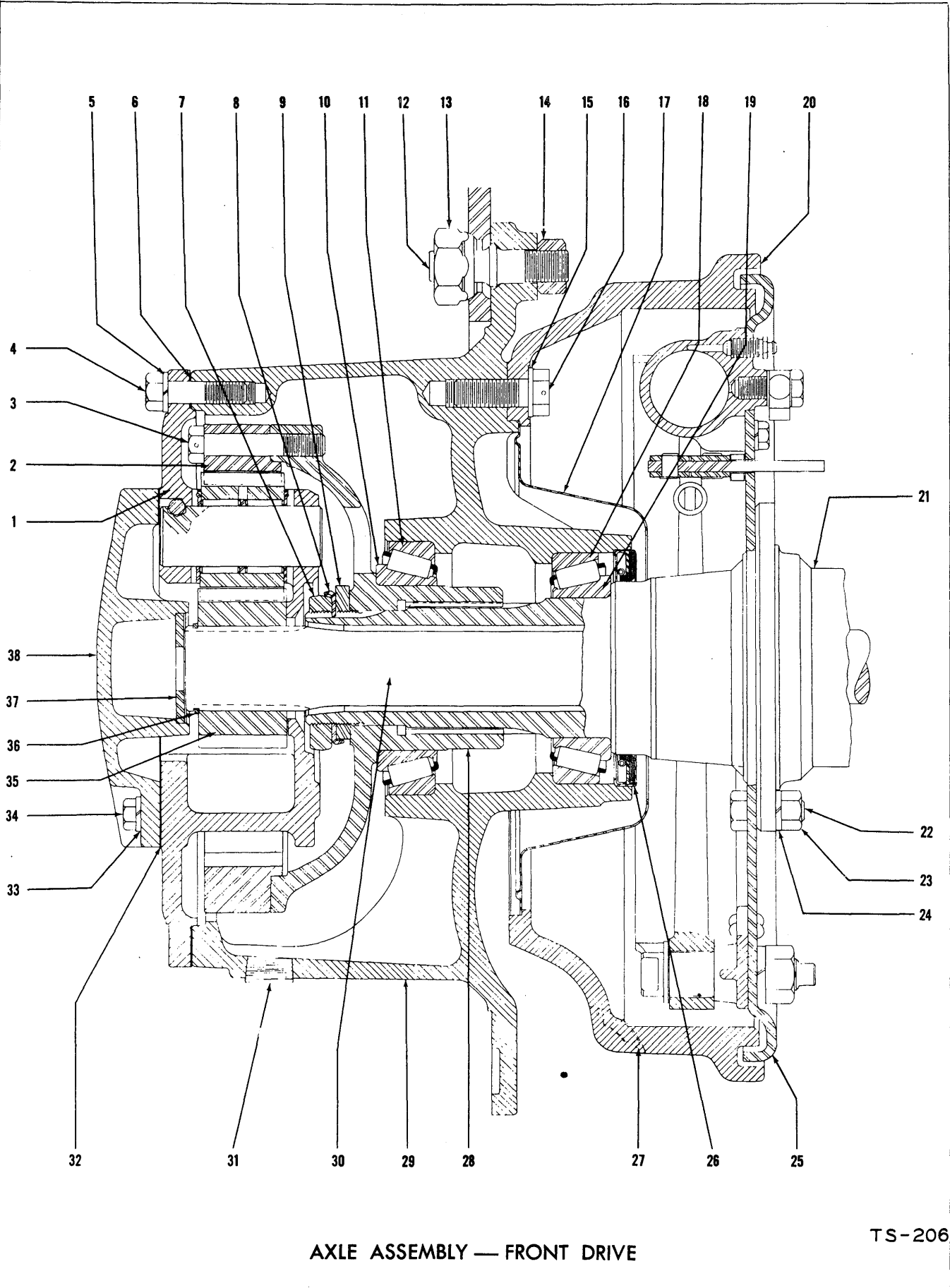
TS-2791-P

**AXLE ASSEMBLY**  
**75A and 75B — Front Drive**  
**75R — Rear Drive**

Item No.	Part No.	Description	No. Req'd.
A		AXLE ASSY (Inc. 1 thru 41)	
B	130064	For Serial: 75A — 8123 thru 12183, 1CA3170 & thereafter & 1CB893 & thereafter 75B — 6123 thru 6270 75R — 7156 thru 7183	1
1	100970	BOLT, Planet Spider to Hub	20
2	106762	WASHER, Planet Spider to Hub	20
3	-----	PLANET SPIDER — See Index	—
4	100966	NUT, Outer Spindle	2
5	100965	NUT, Inner Spindle	2
6	675256	CONE, Outer Hub Bearing	2
7	675255	CUP, Outer Hub Bearing	2
8	107256	BOLT, Drum to Hub	12
9	103522	NUT, Wheel	20
10	103445	STUD, Wheel	20
11	104412	WASHER, Drum to Hub	12
12	103076	NUT, Wheel Stud	20
13	101597	OIL THROW	2
14	106344	DRUM, Brake	2
15	-----	FRONT BRAKE ASSY — See Index	—
16	111719	SEAL, Hub Oil	2
17	675253	CONE, Inner Hub Bearing	2
18	106087	SHAFT, Axle	2
19	105422	HOUSING, Axle	1
19A	11F-12	†PLUG, Housing Filler & Drain	2
19B	106656	†BREATHER, Axle Housing	1
20	2D-08	NUT, Brake Attaching	16
21	101092	BOLT, Brake Attaching	16
22	4E-08	LKWSHR, Brake Attaching	16
23	675252	CUP, Inner Hub Bearing	2
24	107608	CLIP, Brake Drum Inspection Hole	2
25	940330	HUB, Internal Gear (Inc. 40)	2
26	110114	HUB ASSY (Inc. 7, 23)	2
27	100967	LOCK, Spindle Nut	2
28	11F-12	PLUG, Hub Filler	2
29	106059	GEAR, Internal	2
30	-----	OMIT GASKET — Use Perma-Tex No. 2	—
31	3E-08	LKWSHR, Planet Puller Hole	4
32	1C-808	BOLT, Planet Puller Hole	4
33	-----	OMIT GASKET — Use Perma-Tex No. 2	—
34	4E-07	LKWSHR, Thrust Cap	12
35	1C-720	BOLT, Thrust Cap	12
36	106058	GEAR, Sun	2
37	224028	RING, Sun Gear Retaining	2
38	106455	WASHER, Sun Gear Thrust	2
39	106454	CAP ASSY, Sun Gear Thrust (Inc. 38)	2
40	106880	BOLT, Internal Gear to Hub	16
41		DIFFERENTIAL & CARRIER ASSY — See Index	
41A	106102	For 130064 Axle	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



AXLE ASSEMBLY — FRONT DRIVE

TS-206

**AXLE ASSEMBLY — FRONT DRIVE**

S/N MB 51 thru 940

Effective with Serial:

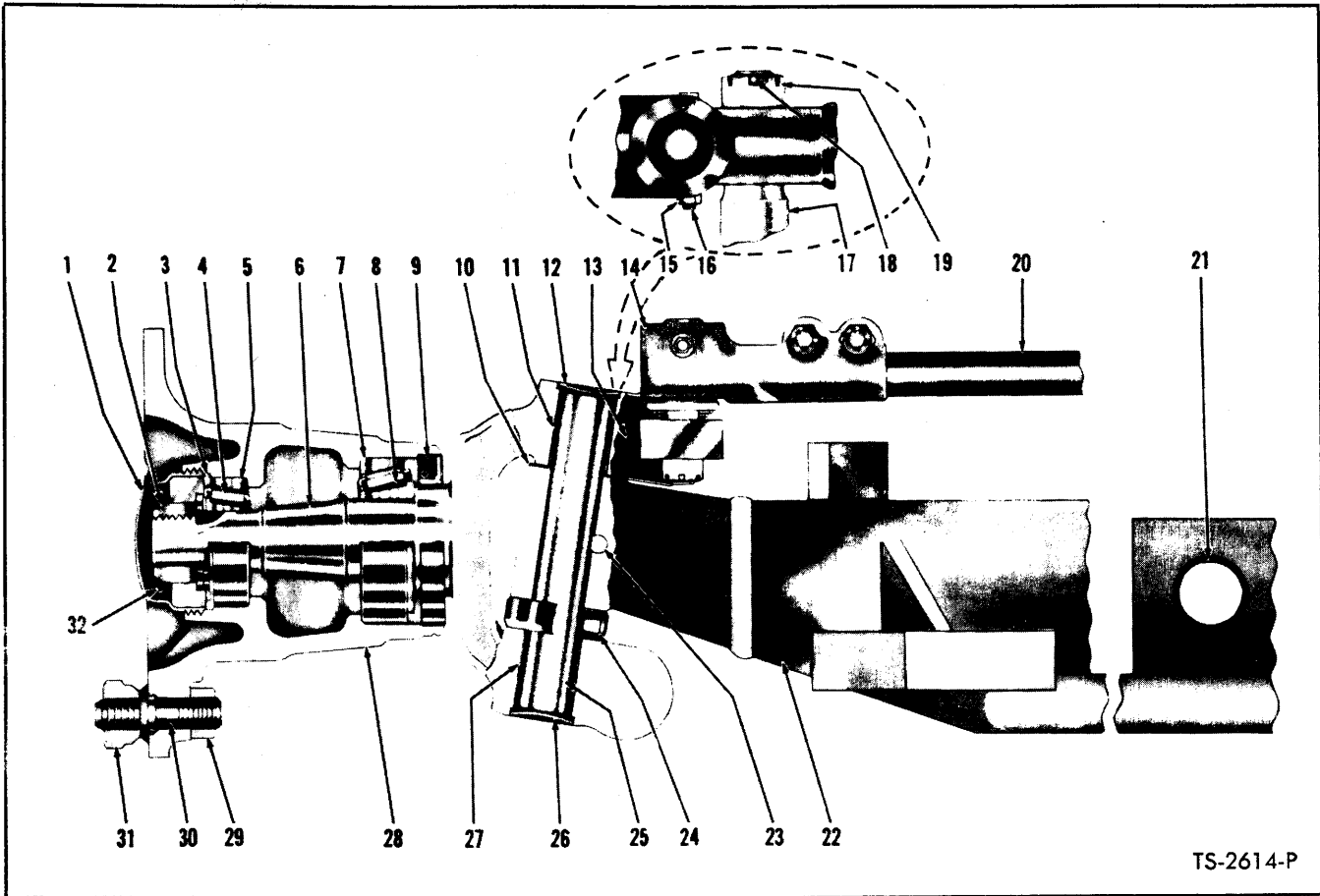
**75A — 8123 and Thereafter**

**75B — 6123 and Thereafter**

**75R — 7156 and Thereafter**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130064	Front Drive Axle Assembly — Complete . . . . .	1	25A	106335	Brake Assembly — R.H.—See Index	1
1	106346	Planet Spider Assembly—See Index	2	26	106092	Seal, Hub Oil . . . . .	2
2	106059	Gear, Internal . . . . .	2	27	107608	Clip, Inspection Hole Cover . . . . .	2
3	106880	Bolt, Internal Gear . . . . .	16	28	940330	Internal Gear Hub & Bolt Kit (Inc. 3)	2
3A		Lockwire — 18 Gauge . . . . .	8	29	106793	Hub & Cup Assy. (Inc. 11 & 18) . . . . .	2
4	100970	Bolt, Planet Spider . . . . .	20	30	106087	Shaft, Axle . . . . .	2
5	7E-08	Lkwshr, Planet Spider . . . . .	20	31	13F-12	Plug, Hub Drain & Filler . . . . .	2
6	106066	Gasket, Planet Spider . . . . .	2	32	106068	Gasket, Thrust Cap . . . . .	2
7	100966	Nut, Housing Tube — Outer . . . . .	2	33	4E-07	Lkwshr, Thrust Cap . . . . .	12
8	100967	Lock, Housing Tube Nut . . . . .	2	34	1C-720	Bolt, Thrust Cap . . . . .	12
9	100965	Nut, Housing Tube — Inner . . . . .	2	35	106058	Sun Gear . . . . .	2
10	675256	Cone, Hub Bearing — Outer . . . . .	2	36	SK251-23	Snap Ring, Sun Gear . . . . .	2
11	675255	Cup, Hub Bearing — Outer . . . . .	2	37	106455	Washer, Sun Gear Thrust Cap . . . . .	2
12	103445	Stud, Wheel . . . . .	20	38	106067	Cap, Sun Gear Thrust . . . . .	2
13	103522	Nut, Wheel . . . . .	20	38A	106454	Sun Gear Thrust Cap Assy. (Inc. 37 & 38 . . . . .	2
14	103076	Nut, Wheel Stud . . . . .	20	39	101004	†Gasket, Differential Carrier . . . . .	1
15	104412	Washer, Brake Drum . . . . .	12	40	14F-12	†Plug, Housing Drain . . . . .	1
16	107256	Bolt, Brake Drum . . . . .	12	41	13F-12	†Plug, Housing Filler . . . . .	1
17	101597	Oil Throw . . . . .	2	42	1C-808	†Bolt, Puller Hole . . . . .	4
18	675252	Cup, Hub Bearing — Inner . . . . .	2	43	3E-08	†Lkwshr, Puller Hole Bolt . . . . .	4
19	675253	Cone, Hub Bearing — Inner . . . . .	2	44	106656	†Breather Assembly . . . . .	1
20	106344	Brake Drum . . . . .	2	45	1C-722	†Bolt, Differential Carrier . . . . .	6
21	105111	Housing, Axle . . . . .	1	46	1C-728	†Bolt, Differential Carrier . . . . .	8
21A	106082	Axle Housing Assy. (Inc. 7, 8, 9, 21 & 44) . . . . .	1	47	4E-07	†Lkwshr, Differential Carrier . . . . .	14
22	101092	Bolt, Brake Attaching . . . . .	16	48	550406	†Tee, Brake Line . . . . .	1
23	2D-08	Nut, Brake Attaching . . . . .	16	49	106102	†Differential & Carrier Assembly — See Index . . . . .	1
24	4E-08	Lkwshr, Brake Attaching . . . . .	16				
25	106336	Brake Assembly — L.H.—See Index	1				

† — Not Illustrated



TS-2614-P

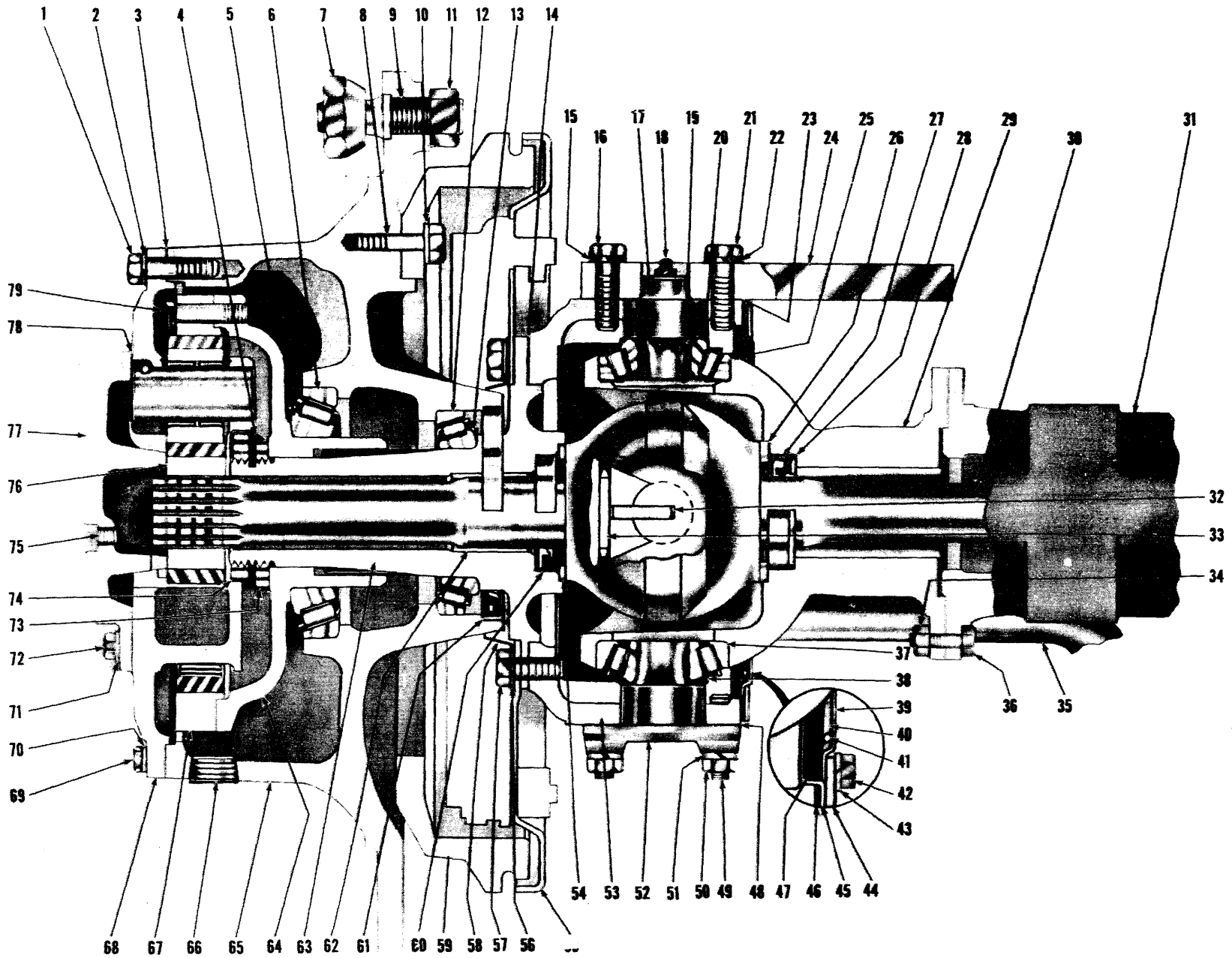
**AXLE ASSEMBLY — FRONT STEERING — MODEL 75R**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130148	AXLE ASSY (Inc. 1 thru 32)	1	17		ARM, Tie Rod	
1	102159	CAP, Hub Grease	2	17A	106163	Right Hand	1
2	4D-20	NUT, Hub Bearing	2	17B	106164	Left Hand	1
3	102251	WASHER, Hub Bearing	2	18	1F-628	COTTER, Tie Rod Arm Nut	2
4	675240	CONE, Outer Hub Bearing	2	19	4D-16	NUT, Tie Rod Arm	2
5	672569	CUP, Outer Hub Bearing	2	20	106144	TIE ROD	1
6		KNUCKLE ASSY, Steering (Inc. 11, 27)		21	550066	BUSHING, Axle Housing	2
6A	106139	Right Hand	1	22	106149	HOUSING ASSY, Axle (Inc. 21)	1
6B	106140	Left Hand	1	23	-----	DRAW KEY — (See Item 16)	—
7	675304	CUP, Inner Hub Bearing	2	24	672194	BEARING, Knuckle Thrust	2
8	667348	CONE, Inner Hub Bearing	2	25	106162	PIN, Knuckle	2
9	102157	SEAL, Hub Oil	2	26	12F-110	PLUG, Knuckle Expansion	2
10	102252	‡SHIM, Steering Knuckle	—	27	102225	BUSHING, Steering Knuckle	2
11	102225	BUSHING, Steering Knuckle	2	28	106158	HUB ASSY (Inc. 5, 7, 29, 30, 31)	2
12	12F-110	PLUG, Knuckle Expansion	2	29	121062	NUT, Wheel Stud	12
13	7J-3108	KEY, Tie Rod Arm	2	30	103445	STUD, Wheel	12
14	-----	TIE ROD END ASSY — (See Index)	—	31	103522	NUT, Wheel	12
15	2D-06	NUT, Draw Key	2	32	1F-632	COTTER, Hub Bearing Nut	2
15A	4E-06	†LKWSHR, Draw Key	2				
16	102250	KEY, Knuckle Draw	2				

†Not Illustrated  
‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





AXLE ASSEMBLY — REAR DRIVE STEER

TS-2845-P



**AXLE ASSEMBLY — REAR DRIVE STEER — MODEL 75A**

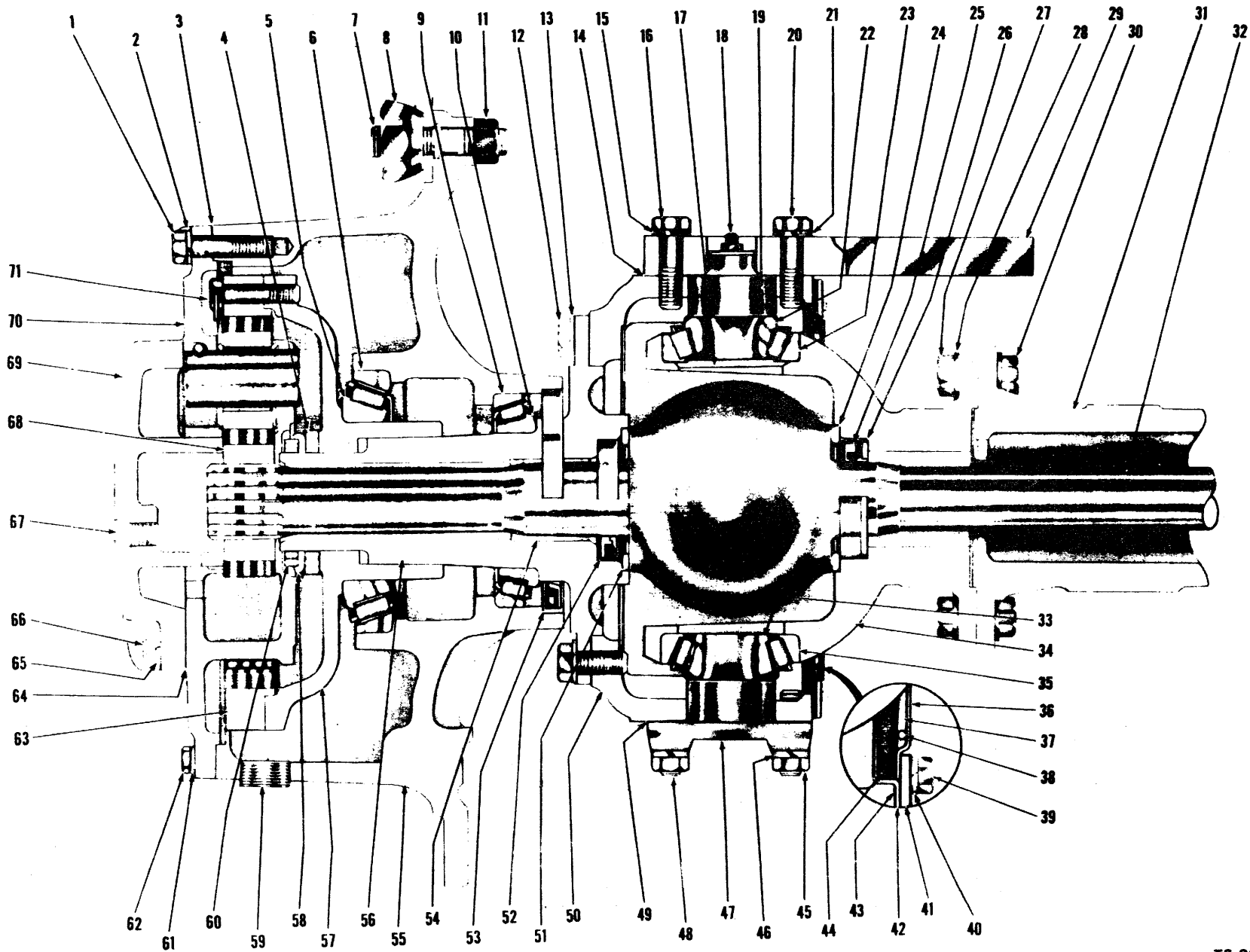
For Serial: GAS — 8610 thru 12183, 1CA3170 and thereafter

DIESEL — 8610D thru 12183D, 1CB893 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130049	AXLE ASSY (Inc. 1 thru 80)	1	39	106135	RETAINER, Outer End Dust Seal	2
1	100970	BOLT, Carrier to Axle Housing	20	40	106133	SEAL, Outer End Dust	2
2	106762	WASHER, Carrier to Axle Housing	20	41	106134	SPRING, Outer End Dust Seal	2
3	-----	OMIT GASKET—Use Perma-Tex No. 2	—	42	1C-612	BOLT, Outer End Seal Ring	24
4	100967	LOCK, Spindle Nut	2	43	4E-06	LKWSHR, Outer End Seal Ring	24
5	675256	CONE, Outer Hub Bearing	2	44	106136	RING, Outer End Seal Retaining	4
6	675255	CUP, Outer Hub Bearing	2	45	106130	RETAINER, Outer End Oil Seal	2
7	103522	NUT, Wheel	20	46	106131	GASKET, Oil Seal Retainer	2
8	107256	BOLT, Drum to Hub	12	47	106132	SEAL, Outer End Oil	2
9	103445	STUD, Wheel	20	48	106125	‡SHIM, Steering Trunnion — .004	—
10	104412	WASHER, Drum to Hub	12	48A	106124	‡SHIM, Steering Trunnion — .007	—
11	103076	NUT, Wheel Stud	20	48B	106123	‡SHIM, Steering Trunnion — .010	—
12	675252	CUP, Inner Hub Bearing	2	49	106115	STUD, Flanged Trunnion	12
13	675253	CONE, Inner Hub Bearing	2	50	2D-09	NUT, Flanged Trunnion	12
14	-----	OMIT GASKET—Use Perma-Tex No. 2	—	51	4E-09	LKWSHR, Flanged Trunnion	12
15	111656	WASHER, Outer Steering Arm Bolt	2	52	106119	TRUNNION, Flanged — Lower	2
16	106313	BOLT, Outer Steering Arm	2	52A	108432	†TRUNNION, Flanged — Upper R.H.	1
17	106120	TRUNNION, Steering — L.H. Upper	1	53	106100	SUPPORT, Spindle — R.H. (Inc. 48)	1
17A	108432	†TRUNNION, Steering — R.H. Upper	1	53A	106101	SUPPORT, Spindle — L.H. (Inc. 48)	1
18	10H-25	FITTING, Upper Trunnion Grease	2	54	106129	WASHER, Universal Joint Thrust	2
19	106121	RETAINER, Upper Trunnion Oil	2	55	-----	BRAKE ASSY — (See Index)	—
20	675305	CONE, Upper Trunnion Bearing	2	56	106762	WASHER, Spindle & Brake Attaching	20
21	106322	BOLT, Inner Steering Arm	2	57	106539	BOLT, Spindle & Brake Attaching	20
22	104549	WASHER, Inner Steering Arm	2	58	106820	SLINGER, Oil	2
23	106321	‡SHIM, Steering Arm — .004	—	59	106815	DRUM, Brake	2
23A	106320	‡SHIM, Steering Arm — .007	—	59A	100320	†CLIP, Inspection Hole	2
23B	106319	‡SHIM, Steering Arm — .010	—	60	106127	SEAL, Universal Joint Shaft Oil	2
24	106790	ARM, Steering	1	61	111719	SEAL, Hub Oil	2
25	675306	CUP, Upper Trunnion Bearing	2	62	106099	BUSHING, Spindle	2
26	106129	WASHER, Universal Joint Thrust	2	63	106821	SPINDLE ASSY (Inc. 62)	2
27	106127	SEAL, Universal Joint Shaft Oil	2	64	106879	HUB, Internal Gear	2
28	106128	WASHER, Oil Seal	2	65	110114	HUB ASSY (Inc. 6, 12)	2
29	109075	OUTER END, Housing	2	66	11F-12	PLUG, Hub Filler	2
29A	11F-12	†PLUG, Outer End Filler	2	67	106059	GEAR, Internal	2
30	106096	SHAFT ASSY, Axle (Inc. 32, 33)	2	68	-----	PLANET CARRIER ASSY — (See Index)	—
31	106116	HOUSING, Axle	1	69	1C-808	BOLT, Planet Puller Hole	4
31A	11F-12	†PLUG, Housing Filler & Drain	2	70	3E-08	LKWSHR, Planet Puller Hole	4
31B	12F-204	†PLUG, Housing Expansion	1	71	4E-07	LKWSHR, Thrust Cap	12
31C	106656	†BREATHER, Axle Housing	1	72	1C-720	BOLT, Thrust Cap	12
32	874260	PIN, Center Ball	2	73	100965	NUT, Inner Spindle	2
33	675436	PIN, Spiral	2	74	100966	NUT, Outer Spindle	2
34	106998	NUT, Outer End Bolt	16	75	11F-04	PLUG, Oil Level	2
35	-----	TIE ROD ASSY — (See Index)	—	76	106058	GEAR, Sun	2
36	106735	BOLT, Outer End to Housing	16	77	944278	CAP, Sun Gear Thrust (Inc. 77A)	2
37	675306	CUP, Lower Trunnion Bearing	2	77A	111805	†VALVE, Relief	1
38	675305	CONE, Lower Trunnion Bearing	2	78	-----	OMIT GASKET—Use Perma-Tex No. 2	—
				79	106880	BOLT, Internal Gear to Hub	16
				80	-----	DIFF. & CARRIER ASSY — (See Index)	—

†Not Illustrated  
‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



AXLE ASSEMBLY — REAR DRIVE STEER

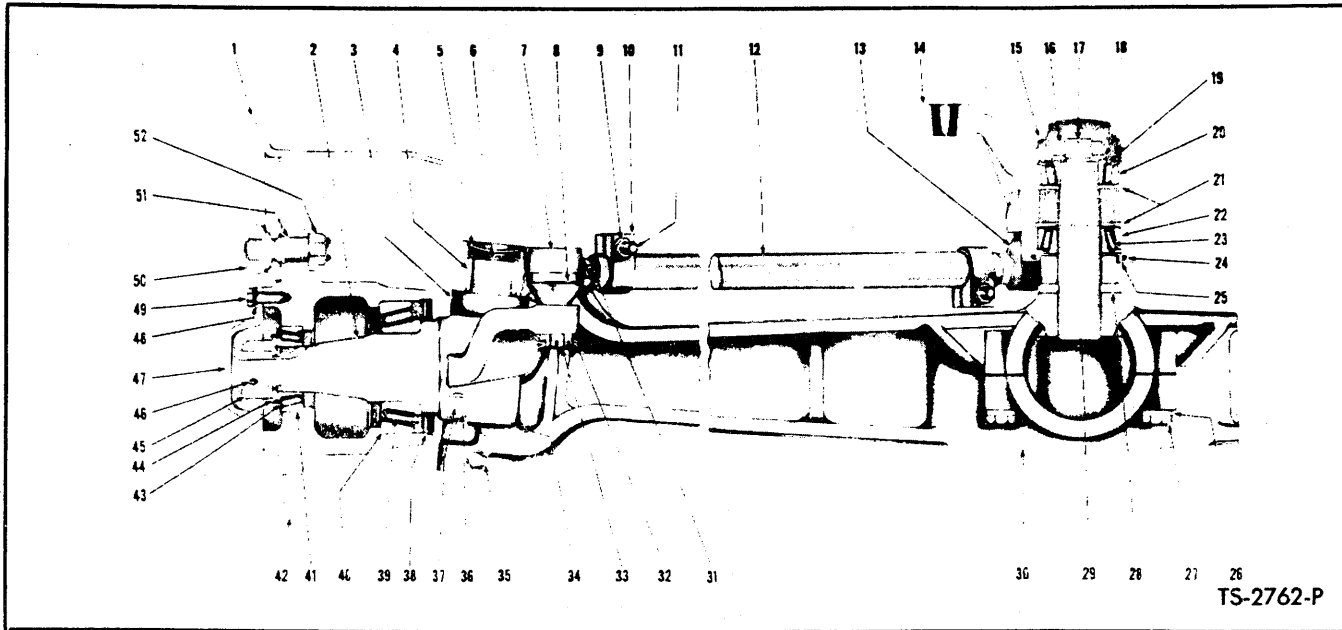
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**AXLE ASSEMBLY — REAR DRIVE STEER — MODEL 75A**  
S/N MB 941 and After

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130048	AXLE ASSY (Inc. 1 thru 73)	1	37	106133	SEAL, Outer End Dust	2
1	100970	BOLT, Planet Spider to Hub	20	38	106134	SPRING, Outer End Dust Seal	2
2	106762	WASHER, Planet Spider to Hub	20	39	1C-612	BOLT, Seal Retainer	24
3	-----	OMIT GASKET—Use Perma-Tex No. 2	—	40	4E-06	LKWSHR, Seal Retainer	24
4	114463	NUT, Inner Spindle	2	41	106136	RETAINER, Outer End Seal	4
5	675256	CONE, Outer Hub Bearing	2	42	106130	RETAINER, Outer End Oil Seal	2
6	675255	CUP, Outer Hub Bearing	2	43	106131	GASKET, Oil Seal Retainer	2
7	103445	STUD, Wheel	20	44	106132	SEAL, Outer End Oil	2
8	103522	NUT, Wheel	20	45	2D-09	NUT, Flanged Trunnion	12
9	675252	CUP, Inner Hub Bearing	2	46	4E-09	LKWSHR, Flanged Trunnion	12
10	675253	CONE, Inner Hub Bearing	2	47		TRUNNION, Steering — Flanged	
11	121062	NUT, Wheel Stud	20	47A	106119	Lower	2
12	106539	BOLT, Spindle Attaching	20	47B	108432	Upper R.H.	1
13	106762	WASHER, Spindle Attaching	20	48	106115	STUD, Steering Trunnion	12
14	106319	‡SHIM, Steering Arm — .010	—	49	106123	‡SHIM, Flanged Trunnion — .010	—
14A	106320	‡SHIM, Steering Arm — .007	—	49A	106124	‡SHIM, Flanged Trunnion — .007	—
14B	106321	‡SHIM, Steering Arm — .004	—	49B	106125	‡SHIM, Flanged Trunnion — .004	—
15	111656	WASHER, Steering Arm — Outer	2	50	106101	SUPPORT ASSY, L.H. Spindle (Inc. 48)	1
16	106313	BOLT, Steering Arm — Outer	2	50A	106100	†SUPPORT ASSY, R.H. Spindle (Inc. 48)	1
17	106121	RETAINER, Upper Trunnion Oil	2	50B	13F-12	†PLUG, Support Filler	2
18	10H-25	FITTING, Upper Trunnion Grease	2	51	106129	WASHER, Universal Joint Thrust	2
19	106120	TRUNNION, Upper Steering — L.H.	1	52	106127	SEAL, Universal Joint Oil	2
20	106322	BOLT, Steering Arm — Inner	2	53	111719	SEAL, Hub Oil	2
21	104549	WASHER, Steering Arm — Inner	2	54	106099	BUSHING, Spindle	2
22	675305	CONE, Upper Trunnion Bearing	2	55	110114	HUB ASSY (Inc. 6, 9)	2
23	675306	CUP, Upper Trunnion Bearing	2	56	117925	SPINDLE ASSY (Inc. 54)	2
24	106129	WASHER, Universal Joint Thrust	2	57	940330	HUB, Internal Gear (Inc. 71)	2
25	106127	SEAL, Universal Joint Shaft Oil	2	58	100967	LOCK, Spindle Nut	2
26	106128	WASHER, Inner Oil Seal	2	59	11F-12	PLUG, Hub Filler	2
27	2D-10	NUT, Outer End	16	60	114463	NUT, Outer Spindle	2
28	4E-10	LKWSHR, Outer End	16	61	3E-08	LKWSHR, Puller Hole Bolt	4
29	106790	ARM, Steering	1	62	1C-808	BOLT, Planet Puller Hole	4
30	106735	BOLT, Outer End	16	63	106059	GEAR, Internal	2
31	106116	HOUSING, Axle	1	64	-----	OMIT GASKET—Use Perma-Tex No. 2	—
31A	11F-12	†PLUG, Housing Filler & Drain	2	65	4E-07	LKWSHR, Thrust Cap	12
31B	12F-204	†PLUG, Housing Expansion	1	66	1C-720	BOLT, Thrust Cap	12
31C	106656	†BREATHER, Axle Housing	1	67	11F-04	PLUG, Oil Level	2
32	106096	SHAFT ASSY, Axle (Inc. 32A, 32B)	2	68	106058	GEAR, Sun	2
32A	874260	†PIN, Center Ball	2	69	945128	CAP, Sun Gear Thrust (Inc. 69A)	2
32B	675436	†PIN, Spiral	2	69A	111805	†VALVE, Relief	1
33	675305	CONE, Lower Trunnion Bearing	2	70	-----	PLANET SPIDER — See Index	—
34	109075	OUTER END, Housing	2	71	106880	BOLT, Internal Gear	16
35	675306	CUP, Lower Trunnion Bearing	2	72	-----	†TIE ROD ASSY — See Index	—
36	106135	RETAINER, Dust Seal	2	73	-----	†DIFF. & CARRIER ASSY—See Index	—

† Not Illustrated  
‡ As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**AXLE ASSEMBLY — REAR STEERING — MODEL 75B**

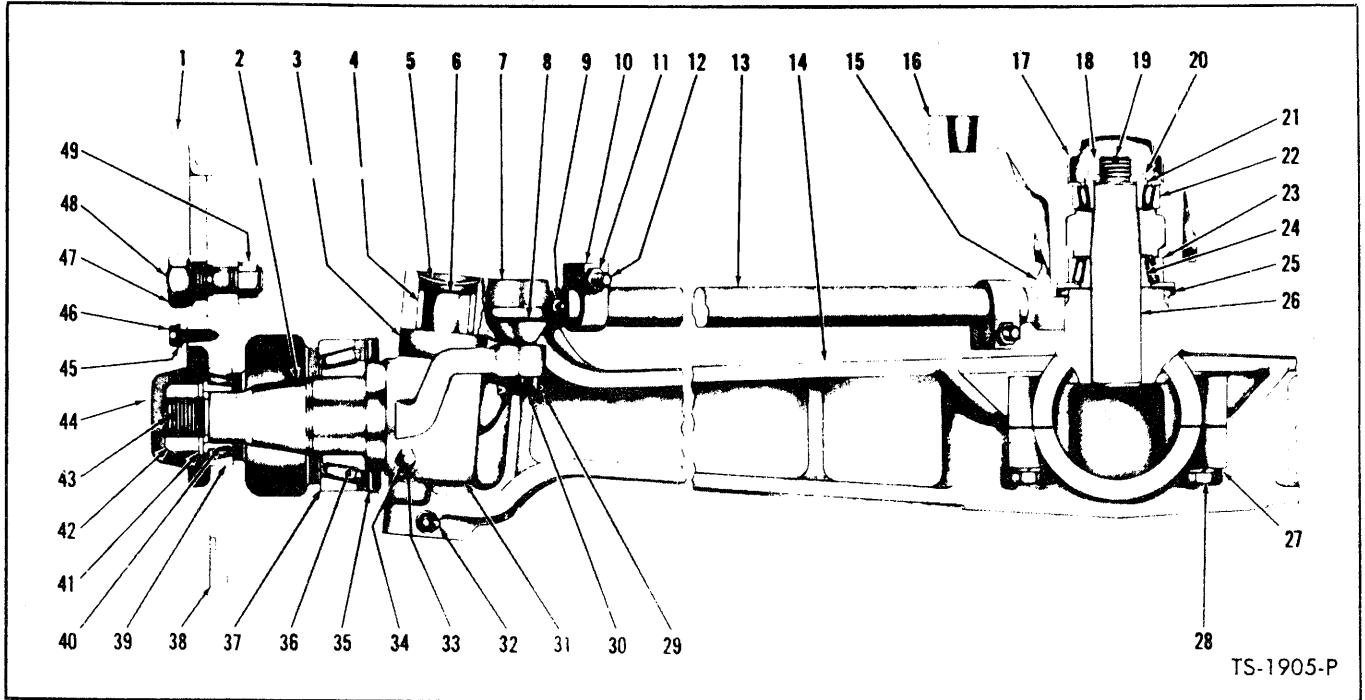
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130144	*AXLE ASSY (Inc. 2 thru 54)	1	29	106528	PIN, Steering Arm	1
1	-----	WHEEL — (See Index)	—	30	107609	*CENTER ASSY, Axle (Inc. 4, 26 thru 29)	1
2	103928	KNUCKLE, Steering — L.H.	1	31	15H-1	FITTING, Tie Rod End Grease	4
2A	103927	KNUCKLE, Steering — R.H.	1	32	1F-416	COTTER, Tie Rod End	4
3	666553	BEARING, Knuckle Thrust	2	33	100857	NUT, Tie Rod End	4
4	711120	BEARING, Steering Knuckle Pin	4	34	103942	‡SHIM, Steering Knuckle	—
5	12F-200	PLUG, Axle Center Expansion	4	35	11H-1	FITTING, Knuckle Pin Grease	4
6	103929	PIN, Knuckle	2	36	2D-06	NUT, Knuckle Pin Draw Key	4
7	103228	END ASSY, Tie Rod — R.H. (Inc. 8, 33)	2	36A	4E-06	†LKWSHR, Knuckle Pin Draw Key	4
8	103166	COVER, Tie Rod End	4	37	102594	KEY, Knuckle Pin Draw	4
9	2D-08	NUT, Tie Rod Clamp Bolt	4	38	103935	SEAL, Inner Hub Oil	2
9A	4E-08	†LKWSHR, Tie Rod Clamp Bolt	4	39	654042	CONE, Inner Hub Bearing	2
10	103165	CLAMP, Tie Rod End	4	40	710037	CUP, Inner Hub Bearing	2
11	2C-836	BOLT, Tie Rod Clamp	4	41	654127	CUP, Outer Hub Bearing	2
12	106166	TIE ROD	2	42	106160	HUB ASSY (Inc. 40, 41 47 thru 52)	2
13	103227	END ASSY, Tie Rod — L.H. (Inc. 8, 33)	2	43	654139	CONE, Outer Hub Bearing	2
14	106167	SPIDER, Steering	1	44	102251	WASHER, Hub Bearing	2
15	100323	CAP, Spider Hub Grease	1	45	4D-20	NUT, Hub Bearing	2
16	100575	NUT, Steering Spider	1	46	1F-632	COTTER, Hub Bearing Nut	2
17	1F-428	COTTER, Steering Spider Nut	1	47	103188	CAP, Hub Grease	2
18	100588	WASHER, Steering Spider	1	48	6E-06	LKWSHR, Grease Cap	10
19	675246	CONE, Spider Bearing	1	49	1C-614	BOLT, Grease Cap	10
20	672070	CUP, Spider Bearing	1	50	103522	NUT, Wheel	12
21	223878	RING, Bearing Retaining	2	51	103445	STUD, Wheel	12
22	672070	CUP, Spider Bearing	1	52	121062	NUT, Wheel Stud	12
23	675246	CONE, Spider Bearing	1	53	13G-820	†SCREW, Knuckle Stop	2
24	103953	FELT, Spider	1	54	7D-08	†NUT, Knuckle Stop Screw	2
25	103954	CUP, Spider Felt	1				
26	4E-10	LKWSHR, Bearing Cap	8				
27	1C-1048	BOLT, Bearing Cap	8				
28	103952	PIN, Steering Arm Pin Lock	1				

\*NOTE: 107609 Axle Center Kit is available to convert 130144 Axle Assy into 130151. After 107609 Kit has been installed use 130151 Axle parts list on page 87 when subsequent replacement parts are required. For replacement of 130144 use 130151.

†Not Illustrated

‡As Required

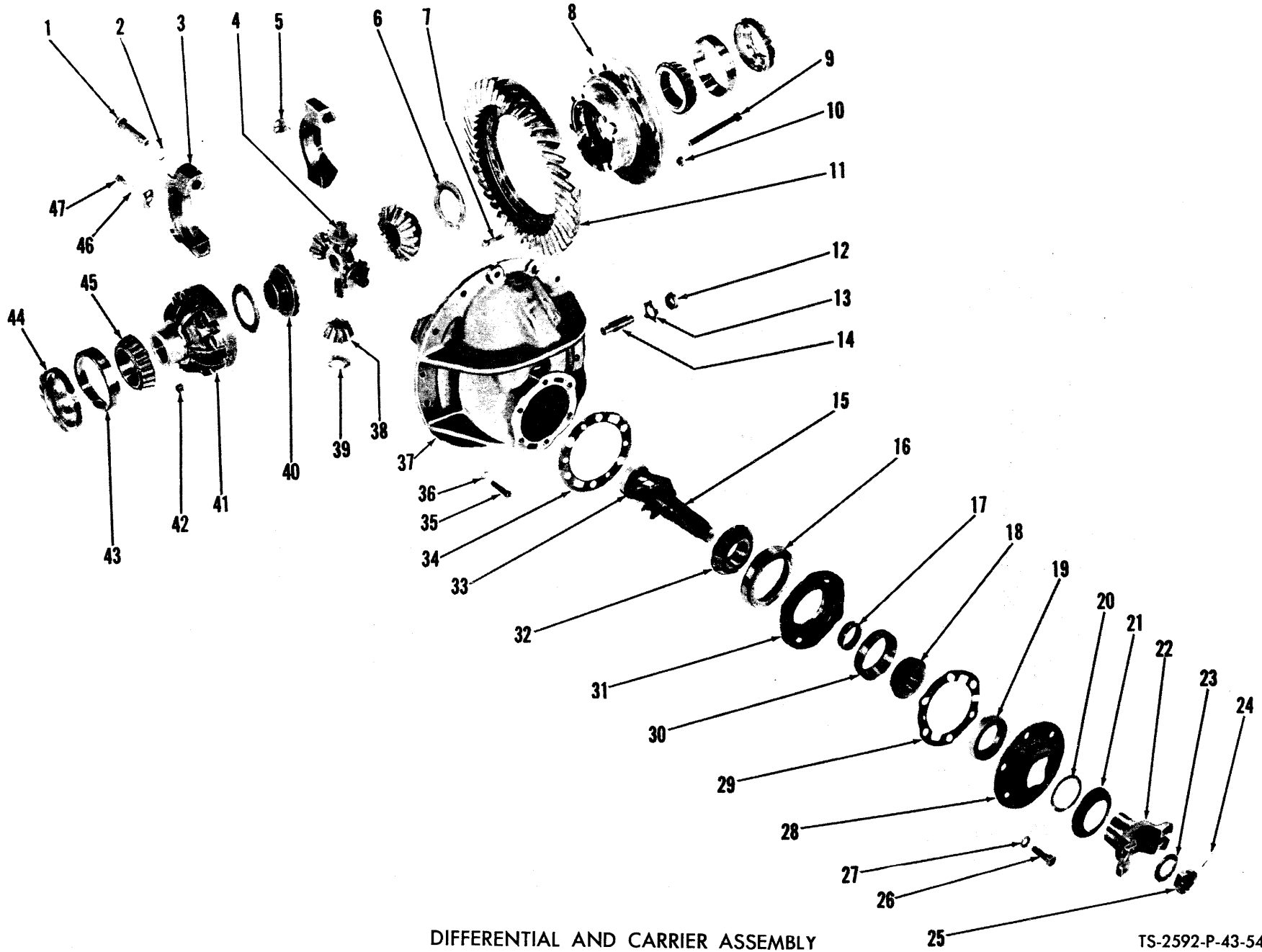
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**AXLE ASSEMBLY — REAR STEERING — MODEL 75B**  
S/N MB 941 and After

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	130151	REAR STEERING AXLE ASSY (Inc. 2 thru 49)	1	22	672070	CUP, Spider Bearing — Upper	1
1	-----	WHEEL ASSY — (See Index)	—	23	654167	CUP, Spider Bearing — Lower	1
2	103928	KNUCKLE — L.H. Steering	1	24	654139	CONE, Spider Bearing — Lower	1
2A	103927	KNUCKLE — R.H. Steering	1	25	107461	SEAL, Spider	1
2B	13G-820	†SCREW, Knuckle Stop	2	26	107449	PIN, Steering Arm	1
2C	7D-08	†NUT, Knuckle Stop Screw	2	27	4E-10	LKWSHR, Axle Center Brg. Mtg. Cap	8
3	666553	BEARING, Knuckle Thrust	2	28	1C-1048	BOLT, Axle Center Brg. Mtg. Cap	8
4	711120	BEARING, Knuckle Pin	4	29	1F-416	COTTER, Tie Rod End	4
5	12F-200	PLUG, Axle Center Expansion	4	30	100857	NUT, Tie Rod End	4
6	103929	PIN, Knuckle	2	31	103942	‡SHIM, Knuckle	—
7	103227	END ASSY, Tie Rod — L.H. (Inc. 8, 30)	2	32	11H-1	FITTING, Knuckle Pin Grease	4
8	103166	COVER, Tie Rod End Ball	4	33	2D-06	NUT, Knuckle Pin Draw Key	4
9	15H-1	FITTING, Tie Rod End Grease	4	33A	4E-06	LKWSHR, Knuckle Pin Draw Key	4
10	103165	CLAMP, Tie Rod	4	34	102594	KEY, Knuckle Pin Draw	4
11	2D-08	NUT, Tie Rod Clamp Bolt	4	35	103935	SEAL, Inner Hub Oil	2
12	2C-836	BOLT, Tie Rod Clamp	4	36	654042	CONE, Inner Hub Bearing	2
12A	4E-08	LKWSHR, Tie Rod Clamp Bolt	4	37	710037	CUP, Inner Hub Bearing	2
13	106165	TIE ROD ASSY (Inc. 7, 8, 10 thru 12A, 13A, 15, 30)	2	38	106160	HUB ASSY (Inc. 37, 39, 44 thru 49)	2
13A	106166	TIE ROD	2	39	654167	CUP, Outer Hub Bearing	2
14	107447	AXLE CENTER ASSY (Inc. 4, 26, 27, 28)	1	40	654139	CONE, Outer Hub Bearing	2
15	103228	END ASSY, Tie Rod — R.H. (Inc. 8, 30)	2	41	102251	WASHER, Knuckle	2
16	107450	SPIDER & CUP ASSY, Steering (Inc. 22, 23)	1	42	4D-20	NUT, Knuckle	2
17	100323	CAP, Spider Hub Grease	1	43	1F-632	COTTER, Knuckle	2
18	100575	NUT, Spider	1	44	103188	CAP, Hub Grease	2
19	1F-428	COTTER, Spider Nut	1	45	6E-06	LKWSHR, Hub Grease Cap	10
20	100588	WASHER, Spider	1	46	1C-614	BOLT, Hub Grease Cap	10
21	675246	CONE, Spider Bearing — Upper	1	47	103522	NUT, Wheel	12
				48	103445	STUD, Wheel Mount	12
				49	121062	NUT, Wheel Stud	12

†Not Illustrated  
‡As Required



DIFFERENTIAL AND CARRIER ASSEMBLY

TS-2592-P-43-54

**DIFFERENTIAL AND CARRIER ASSEMBLY**

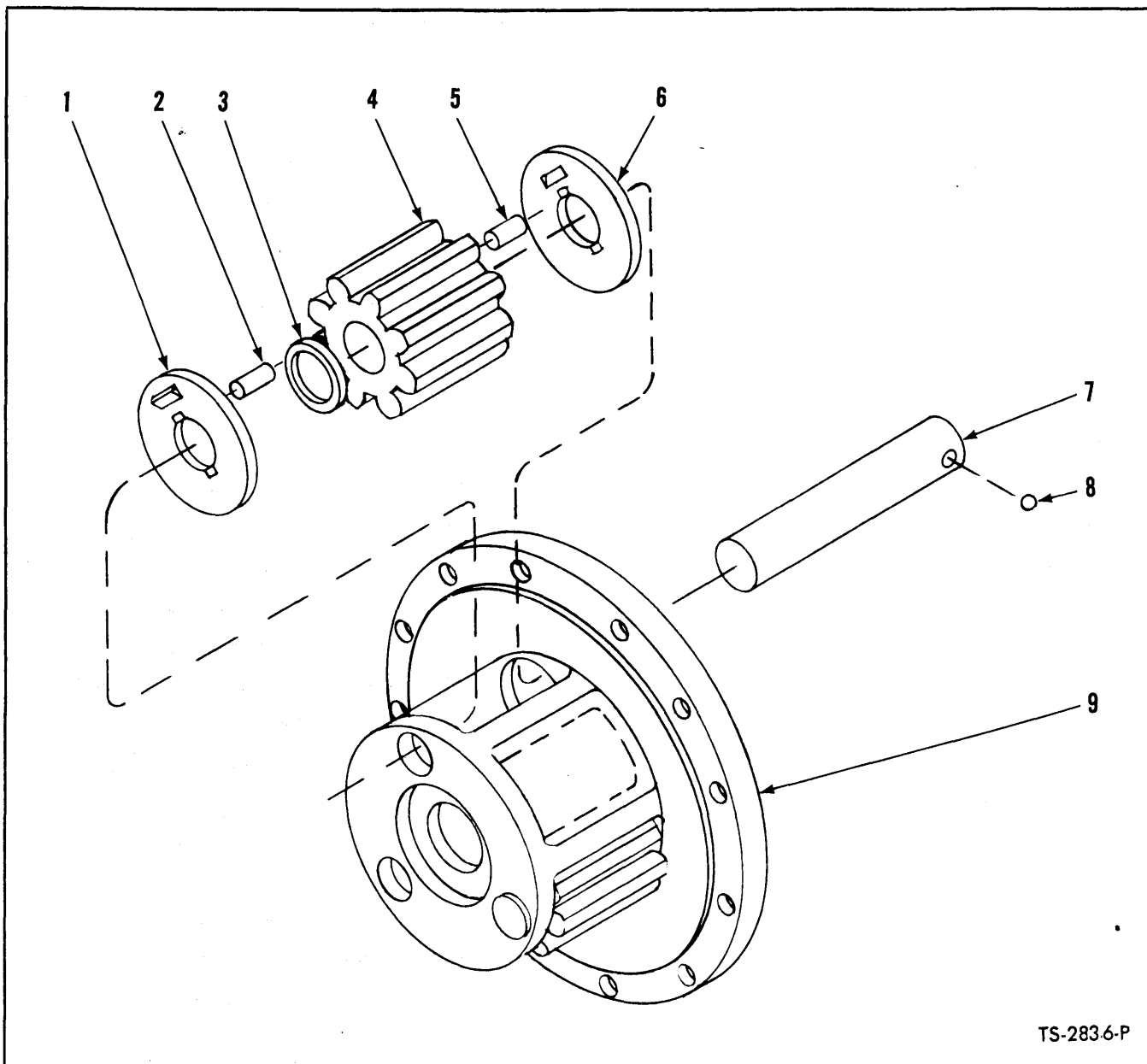
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		DIFF. & CARRIER ASSY (Inc. 1 thru 34, 37 thru 47)		31	100938	CAGE ASSY, Pinion Brg. (Inc. 30)	1
B	815576	Front Drive	1	32	667277	CONE, Center Pinion Bearing	1
C	815509	Rear Drive Steer	1	33	675536	BEARING, Inner Pinion	1
1	100937	BOLT, Differential Carrier Cap	4	34		SHIM, Pinion Bearing Cage	
2	111656	WASHER, Differential Carrier Cap	4	34A	112354	‡SHIM — .004"	—
3	-----	§CAP, Differential Carrier — (See 37)	2	34B	112355	‡SHIM — .007"	—
4	100171	SPIDER, Differential	1	34C	112356	‡SHIM — .010"	—
5	100941	LOCK, Differential Adjusting Nut	2	35	1C-722	BOLT, Carrier to Axle — 7/8" x 1 3/8"	6
6	100173	WASHER, Side Gear Thrust	2	35A	1C-728	BOLT, Carrier to Axle — 7/8" x 1 3/4"	8
7	100176	BOLT, Ring Gear	12	35B	1C-732	BOLT, Carrier to Axle — 7/8" x 2"	1
8	-----	§CASE, Diff. — Flanged Half (See 51)	1	36	4E-07	LKWSHR, Carrier to Axle — 7/8"	14
9	100174	BOLT, Differential Case	8	37	815512	CARRIER ASSY (Inc. 1, 2, 3)	1
10	104182	NUT, Ring Gear	12	38	815744	*PINION KIT, Differential	1
11	-----	§GEAR, Ring — (See 50)	1	39	100172	WASHER, Differential Pinion Thrust	4
12	8D-14	NUT, Thrust Screw	1	40	100170	GEAR, Differential Side	2
13	100954	LOCK, Thrust Screw Nut	1	41	-----	§CASE, Diff. — Plain Half (See 51)	1
14	100953	SCREW, Differential Thrust	1	42	104182	NUT, Differential Case	8
15	-----	§PINION, Differential — (See 50)	1	43	675249	CUP, Differential Bearing	2
16	667278	CUP, Center Pinion Bearing	1	44	100940	NUT, Differential Adjusting	2
17	815040	SPACER, Pinion Bearing	1	45	675248	CONE, Differential Bearing	2
18	710288	CONE, Outer Pinion Bearing	1	46	4E-06	LKWSHR, Adjusting Nut Lock	2
19	111720	SEAL, Pinion Oil	1	47	3C-614	BOLT, Adjusting Nut Lock	2
20	100945	GASKET, Pinion Oil Seal	1	48		DIFFERENTIAL ASSY (Inc. 4, 6 thru 11, 15, 38 thru 42)	
21	100949	DEFLECTOR, Pinion Dust	1	48A	106103	Front Drive	1
22	106081	FLANGE, Companion	1	48B	106076	Rear Drive	1
23	100951	WASHER, Pinion Shaft	1	49	100160	DIFF. BODY SUB-ASSY (Inc. 4, 6, 8, 9, 10, 38 thru 42)	1
24	1F-428	COTTER, Pinion Shaft Nut	1	50		GEAR & PINION SET (Inc. 11, 15)	
25	100950	NUT, Pinion Shaft	1	50A	815202	Front Drive	1
26	1C-928	BOLT, Oil Seal Retainer	5	50B	815204	Rear Drive	1
26A	1C-828	BOLT, Oil Seal Retainer Locating	1	51	815203	DIFF. CASE KIT (Inc. 8, 41)	1
27	4E-09	LKWSHR, Oil Seal Retainer	5				
27A	4E-08	LKWSHR, Oil Seal Retainer Locating	1				
28	100942	RETAINER, Pinion Oil Seal	1				
29	112353	GASKET, Oil Seal Retainer	1				
30	675257	CUP, Outer Pinion Bearing	1				

‡As Required

§Not Sold Separately

\*NOTE: 815744 Kit consists of 4 - 100169 Pinions.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2836-P

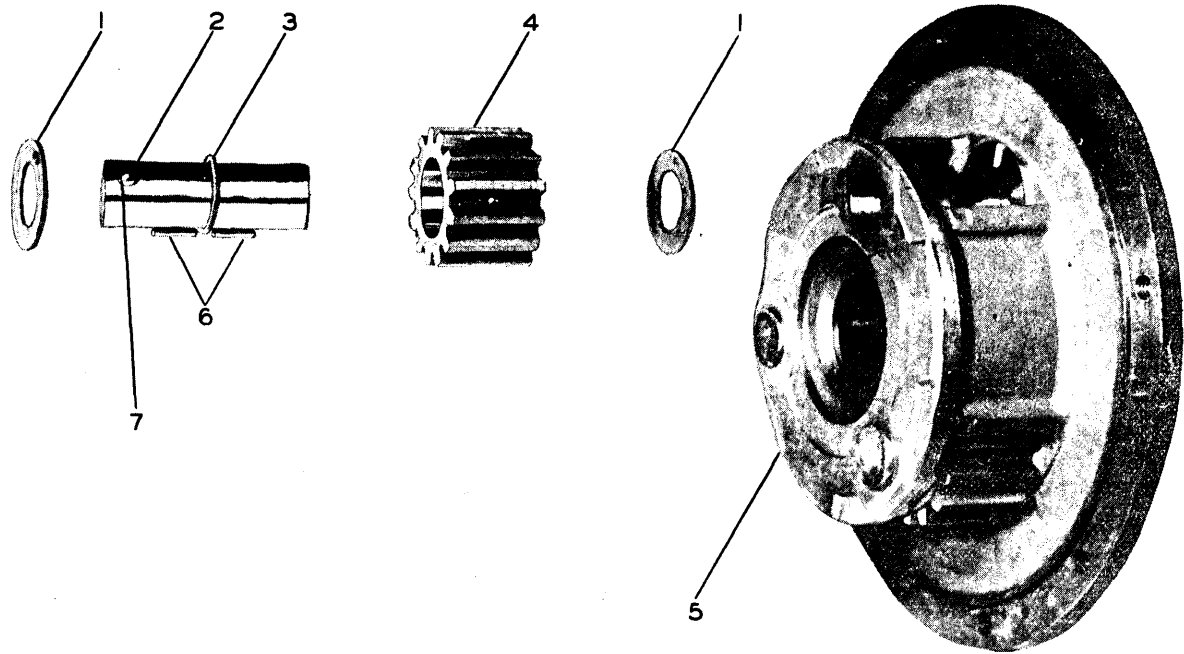
**PLANET SPIDER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.
A	106346	*SPIDER ASSY, Planet (Inc. 1 thru 8)	4
<b>Quantities listed below are for 1 Planet Spider.</b>			
1	106350	WASHER, Pinion Thrust	3
2	106351	ROLLER, Pinion	87
3	106352	SPACER, Pinion Roller	3
4	109088	PINION, Planet	3
5	106351	ROLLER, Pinion	87
6	106350	WASHER, Pinion Thrust	3
7	106349	SHAFT, Pinion	3
8	10J-12	BALL, Pinion Shaft	3
9	106347	SPIDER, Planet	1

\*NOTE: Model 75A requires 4 Planet Spider Assemblies. Models 75B and 75R require only 2.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

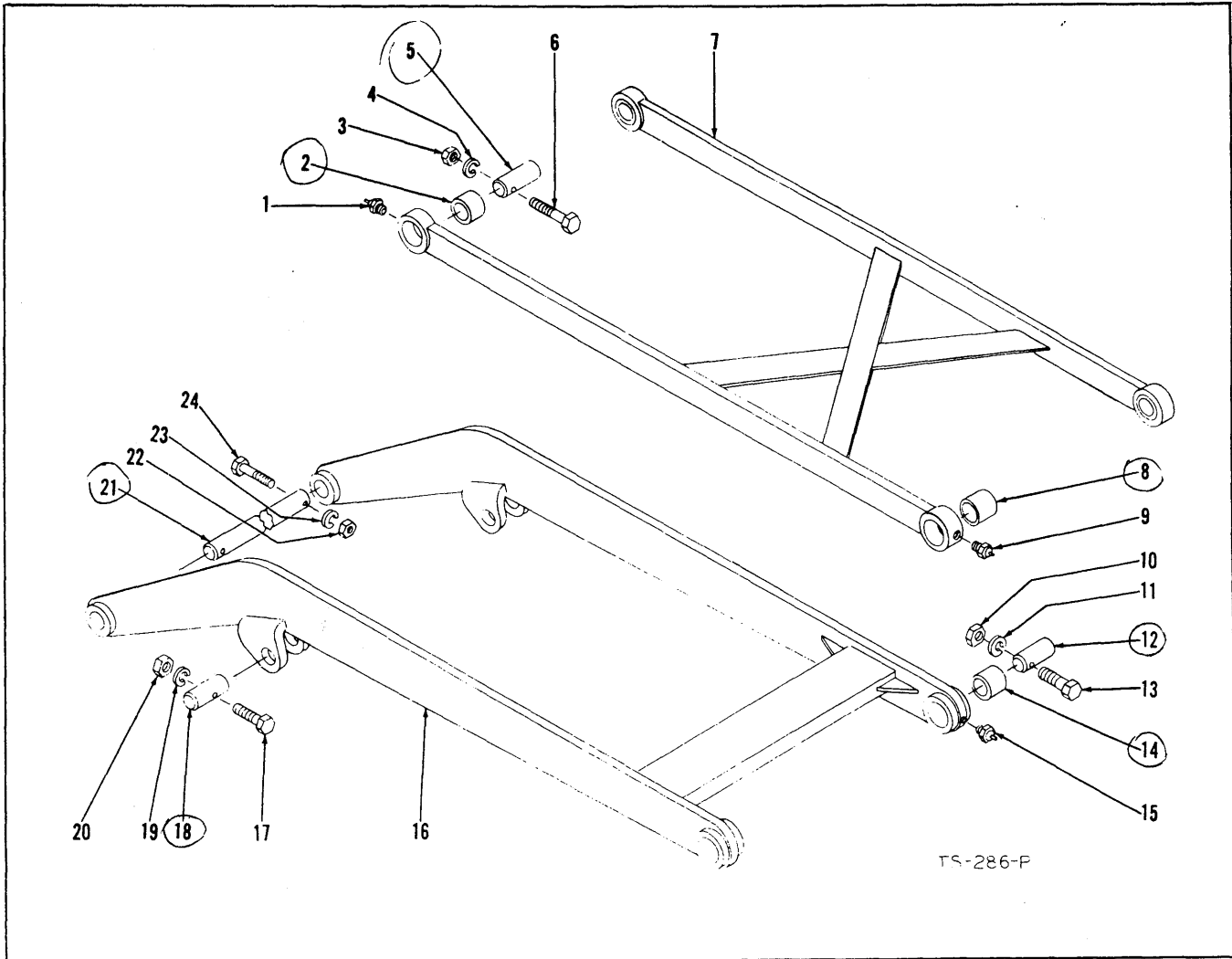




TS- 59- P

**PLANET SPIDER ASSEMBLY**  
S/N MB 51 thru 940

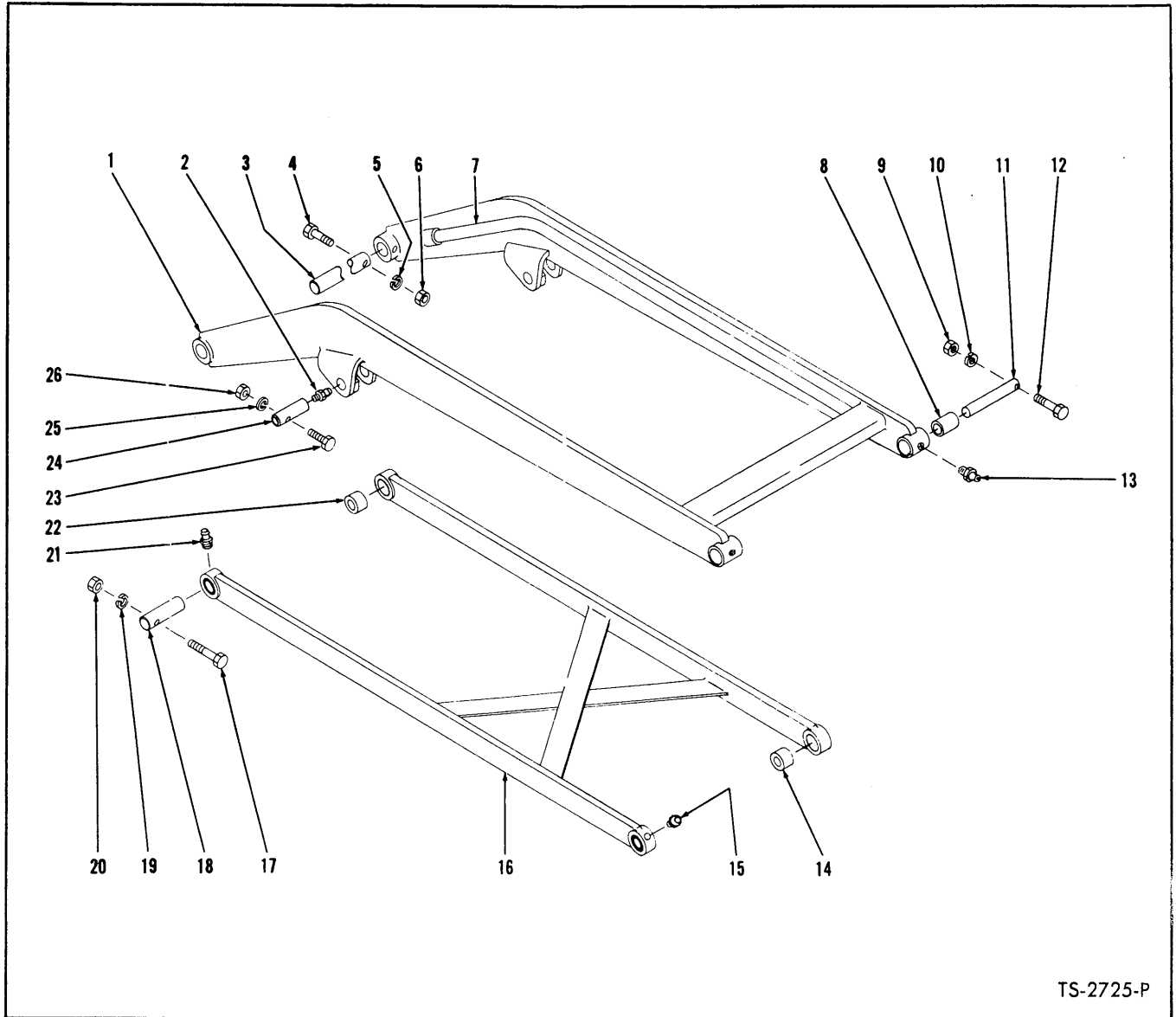
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
106346		Planet Spider Assembly (Inc. all of following items).....	2	4	106348	Planet Pinion .....	6
1	106350	Pinion Thrust Washer.....	12	5	106347	Planet Spider .....	2
2	106349	Pinion Shaft .....	6	6	106351	Pinion Roller .....	348
3	106352	Roller Spacer .....	6	7	10J-12	Pinion Shaft Ball.....	6



**BOOM AND GUIDE BAR ASSEMBLY**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	10H-35	Grease Fitting — ¼-28 — For use on Guide Bar Bosses with ¼" — 28 thread . . . . .	2	X12	550207	Pin, Carrier to Boom . . . . .	2
				13	2C-648	Bolt, Pin Retaining . . . . .	2
X2	550191	Bushing, Guide Bar to Frame . . . . .	2	X14	550143	Bushing, Boom to Carrier . . . . .	2
3	2D-08	Nut, Pin Retaining . . . . .	2	15	10H-25	Fitting, Carrier to Boom Grease . . . . .	2
4	4E-08	Lkwshr, Pin Retaining . . . . .	2	16	550130	Boom & Pipe Assembly (Inc. 14, 16A & 16B) . . . . .	1
X5	550188	Pin, Guide Bar to Frame . . . . .	2	16A	550144	†Boom Pipe Assembly — R.H. . . . .	1
6	2C-876	Bolt, Pin Retaining . . . . .	2	16B	550176	†Boom Pipe Assembly — L.H. . . . .	1
7	512991	Guide Bar Assembly (Inc. 2 & 8) . . . . .	1	17	2C-648	Bolt, Pin Retaining . . . . .	2
X8	550143	Bushing, Guide Bar to Bucket . . . . .	2	X18	550179	Pin, Boom to Cylinder . . . . .	2
9	10H-25	Fitting, Carrier to Guide Bar Grease . . . . .	2	19	4E-06	Lkwshr, Pin Retaining . . . . .	2
10	2D-06	Nut, Pin Retaining . . . . .	2	20	2D-06	Nut, Pin Retaining . . . . .	2
11	4E-06	Lkwshr, Pin Retaining . . . . .	2	X21	550178	Shaft, Boom Pivot . . . . .	1
				22	2D-08	Nut, Shaft Retaining . . . . .	2
				23	4E-08	Lkwshr, Shaft Retaining . . . . .	2
				24	2C-876	Bolt, Shaft Retaining . . . . .	2

† — Not Illustrated

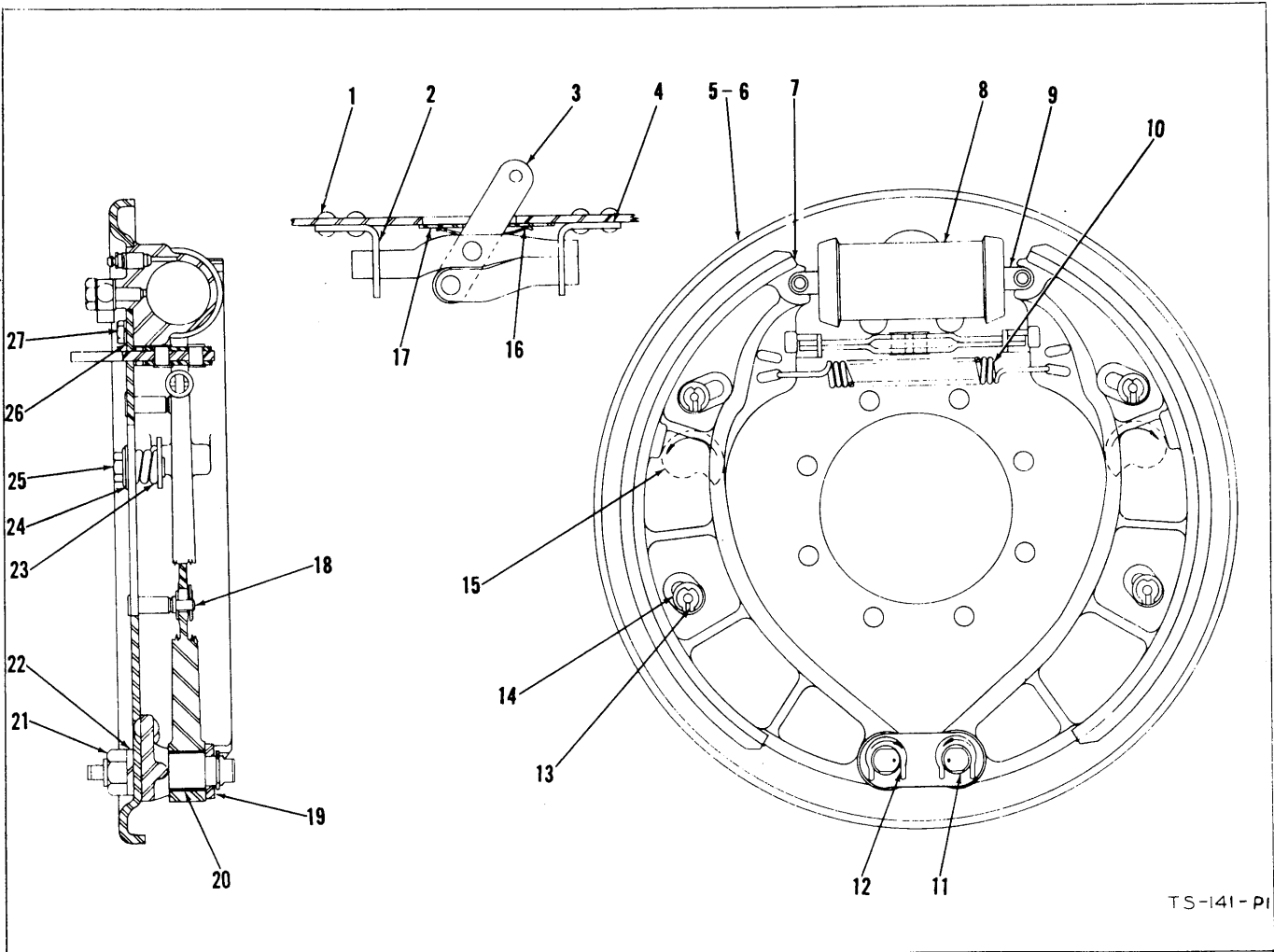


TS-2725-P

**BOOM AND GUIDE BAR**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		BOOM ASSY		14	550143	BUSHING, Guide Bar to Carrier	2
1A	550130	For Standard Machines (Inc. 7, 7A)	1	15	11H-25	FITTING, Guide Bar Grease	2
2	10H-35	FITTING, Boom Cylinder Pin Grease	2	16	512991	GUIDE BAR ASSY (Inc. 12, 20)	2
3	550178	SHAFT, Boom Pivot	1	17	2C-876	BOLT, Pin Retaining	2
4	2C-876	BOLT, Pivot Shaft Retaining	2	18	550188	PIN, Guide Bar to Frame	2
5	4E-06	LKWSHR, Pivot Shaft Retaining	2	19	4E-08	LKWSHR, Pin Retaining	2
6	2D-06	NUT, Pivot Shaft Retaining	2	20	2D-08	NUT, Pin Retaining	2
7	550144	PIPE, Boom - R.H.	1	21		FITTING, Guide Bar Grease - Rear	
7A	550176	PIPE, Boom - L.H.	1	21B	11H-15	For bosses with 1/8" pipe thread	2
8	550143	BUSHING, Boom to Carrier	2	22	550191	BUSHING, Guide Bar to Frame	2
9	2D-06	NUT, Pin Retaining	2	23	2C-648	BOLT, Pin Retaining	2
10	4E-06	LKWSHR, Pin Retaining	2	24	550179	PIN, Boom Cylinder to Boom	2
11	550207	PIN, Boom to Carrier	2	25	4E-06	LKWSHR, Pin Retaining	2
12	2C-648	BOLT, Pin Retaining	2	26	2D-06	NUT, Pin Retaining	2
13	10H-25	FITTING, Boom Grease	2				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

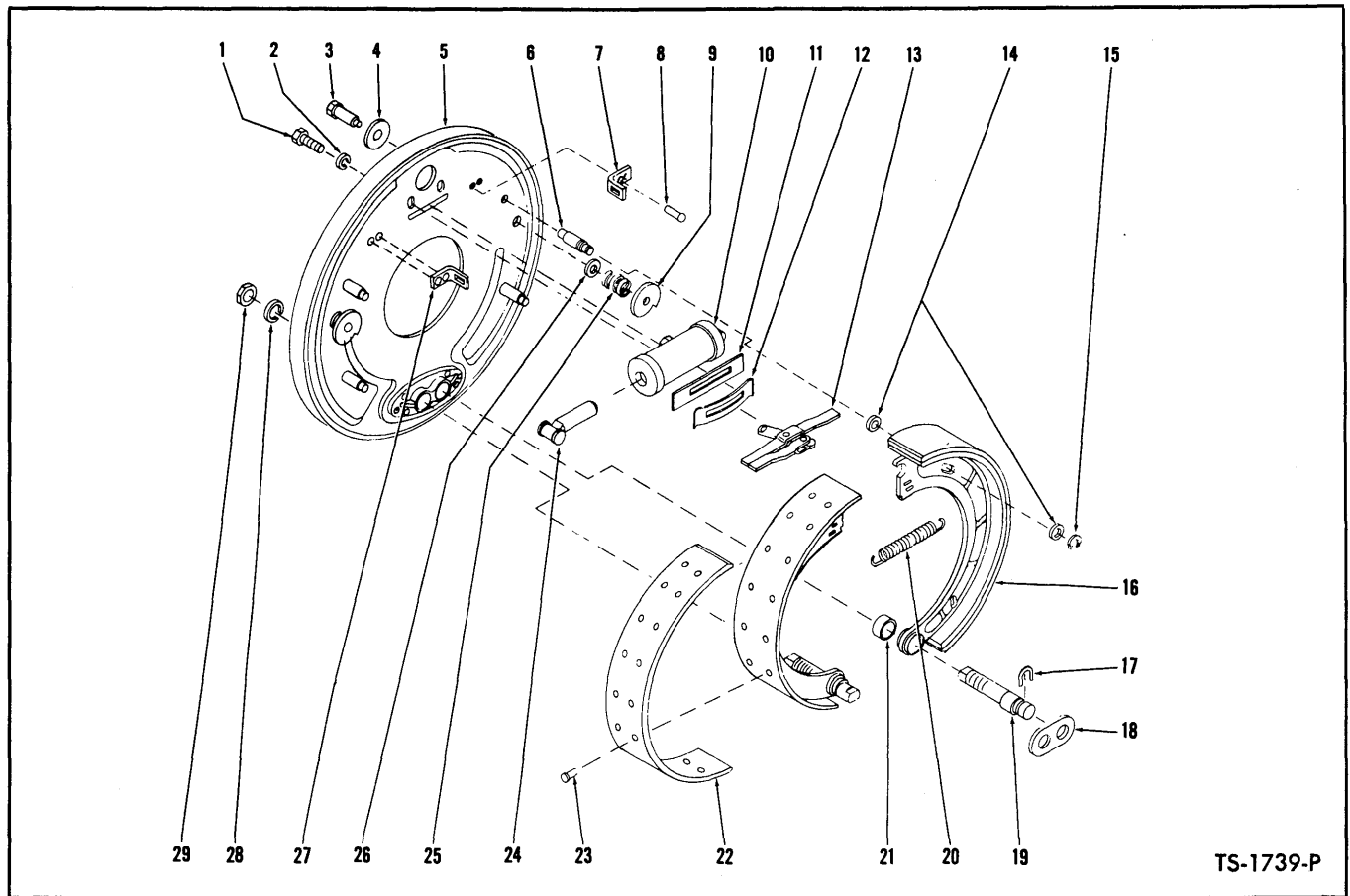


TS-141-PI

**BRAKE ASSEMBLY — FRONT**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	106335	Brake Assembly — R.H. (Inc. 1 thru 5 & 7 thru 27).....	1	10	106216	Spring, Release .....	1
B	106336	Brake Assembly — L.H. (Inc. 1 thru 4 & 6 thru 27).....	1	11	106969	Pin, Anchor .....	2
1	1H-410	Rivet, Link Support .....	4	X 12	101332	"C" Washer, Anchor Pin .....	2
2	106180	Link Support .....	1	X 13	100878	"C" Washer, Guide Pin .....	4
3	106526	Link Assembly .....	1	14	102322	Washer, Guide Pin.....	8
4	106179	Link Support .....	1	15	100864	Cam, Shoe Adjusting.....	2
5	106337	Brake Disc Assembly — R.H. (Inc. 1, 2, 4, 15 & 23 thru 25).....	1	16	106185	Spring, Shield .....	1
6	106338	Brake Disc Assembly — L.H. (Inc. 1, 2, 4, 15 & 23 thru 25).....	1	17	104524	Dust Shield .....	1
7	107611	Brake Shoe Assembly (Inc. 7A, 7B & 20) .....	2	18	106373	Guide Pin .....	4
7A	107612	Lining, Brake .....	2	19	106970	Strut, Anchor Pin.....	1
7B	106184	Rivet, Brake Lining .....	36	20	100872	Bushing, Brake Shoe.....	2
8	107014	Brake Cylinder (Inc. 9).....	1	21	2D-12	Nut, Anchor Pin.....	2
8A	940130	‡Repair Kit, Brake Cylinder.....		22	4E-12	Lkwsr, Anchor Pin.....	2
9	957212	Connector Link, Brake Cylinder.....	2	23	100865	Cam Spring .....	2
				24	100867	Washer, Cam Pin.....	2
				25	106372	Cam Pin .....	2
				26	4E-06	Lkwsr, Brake Cylinder.....	2
				27	1C-610	Bolt, Brake Cylinder.....	2

‡ — As Required



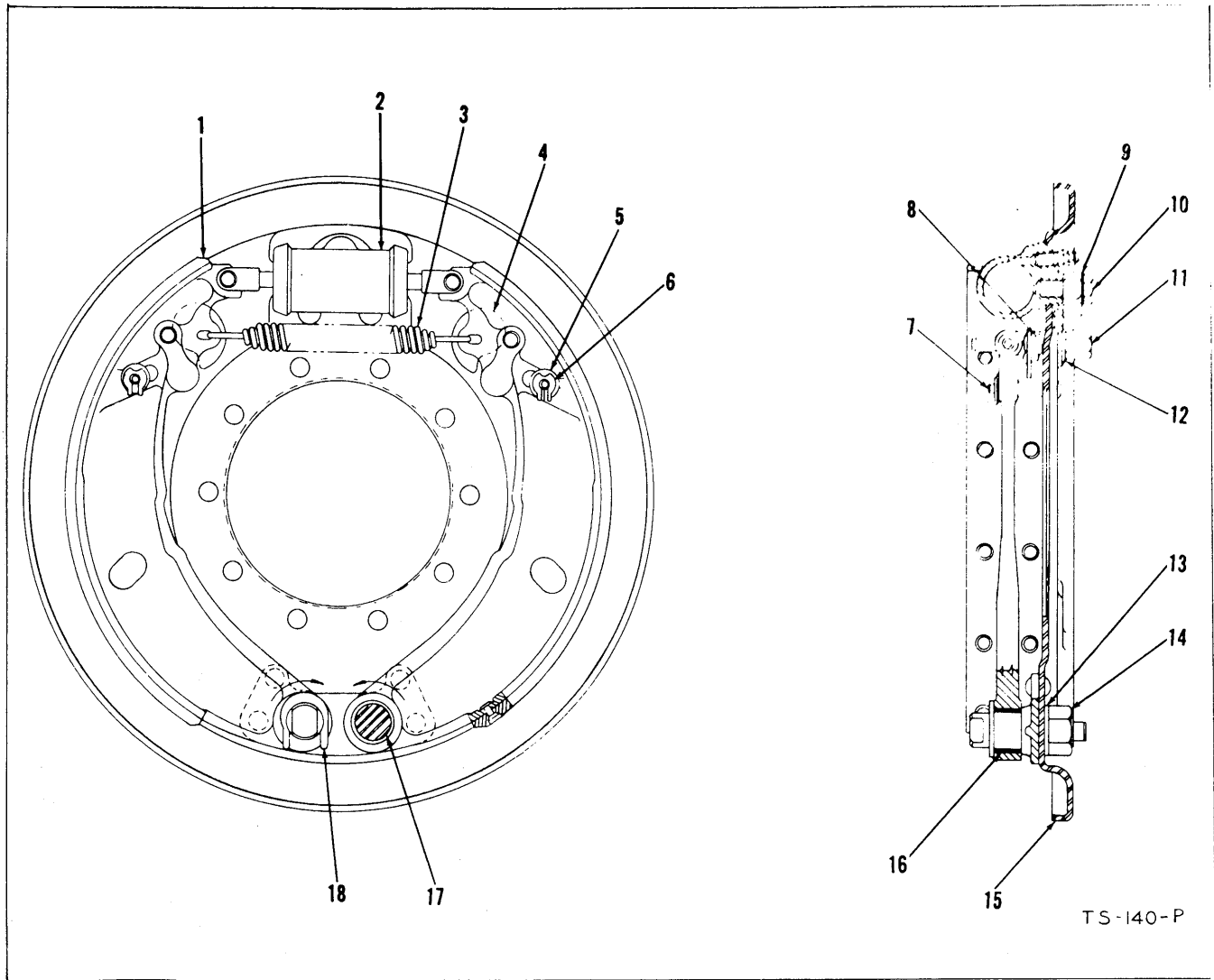
TS-1739-P

**BRAKE ASSEMBLY — FRONT**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		BRAKE ASSY (Inc. 1 thru 29)		17		"C" WASHER, Anchor Pin	
B	110929	Right Hand	1	17A	101332	For "C" Washers with 1 1/16" opening	2
C	110930	Left Hand	1	17B	100613	For "C" Washers with 7/8" opening	2
NOTE: 2 brake assemblies used on axle — Quantities listed below are for 1 brake assembly.							
1	1C-610	BOLT, Cylinder to Brake Disc	2	18	106970	STRUT, Anchor Pin	1
2	4E-06	LKWSHR, Cylinder to Brake Disc	2	19		PIN, Brake Shoe Anchor	
3	109567	PIN ASSY, Cam (Inc. 4)	2	19A	106969	For Anchor Pins 4 1/16" long	2
4	100867	WASHER, Cam Pin	2	19B	940367	*For Anchor Pins 3 7/8" long	2
5		DISC ASSY, Brake (Inc. 3, 4, 6, 9, 25, 26, 27)		20	106216	SPRING, Brake Shoe Return	1
5A	106337	Right Hand	1	21	100872	BUSHING, Brake Shoe	2
5B	106338	Left Hand	1	22	944217	LINING KIT, Brake Shoe (Inc. 23B)	2
6	106373	PIN, Guide	4	23		RIVET, Lining to Shoe	
7	106180	SUPPORT, Parking Brake Link	1	23A	106184	3/4" — For Shoes with 1/2" rivet holes	36
8	1H-410	RIVET, Link Support	4	23B	3H-1216	1/2" — For Shoes with 13/64" rivet holes	36
9	100864	CAM, Shoe Adjusting	2	24	957212	LINK, Wheel Cylinder Connector	2
10	107014	CYLINDER ASSY, Wheel (Inc. 24)	1	25	943859	SPRING ASSY, Cam (Inc. 26)	2
11	104524	SHIELD, Link Dust	1	26	851771	WASHER, Cam Spring	2
12	106185	SPRING, Link	1	27	106179	SUPPORT, Parking Brake Link	1
13	106526	LINK, Parking Brake	1	28	4E-12	LKWSHR, Anchor Pin	2
14	102322	WASHER, Guide Pin	8	29	2D-12	NUT, Anchor Pin	2
15	100878	"C" WASHER, Guide Pin	4				
16	110922	SHOE ASSY, Brake (Inc. 21, 22, 23)	2				

\*NOTE: 940367 Anchor Pin Kit includes 17A, 18 and 19A to convert machines with 3 7/8" Anchor Pins to 4 1/16".

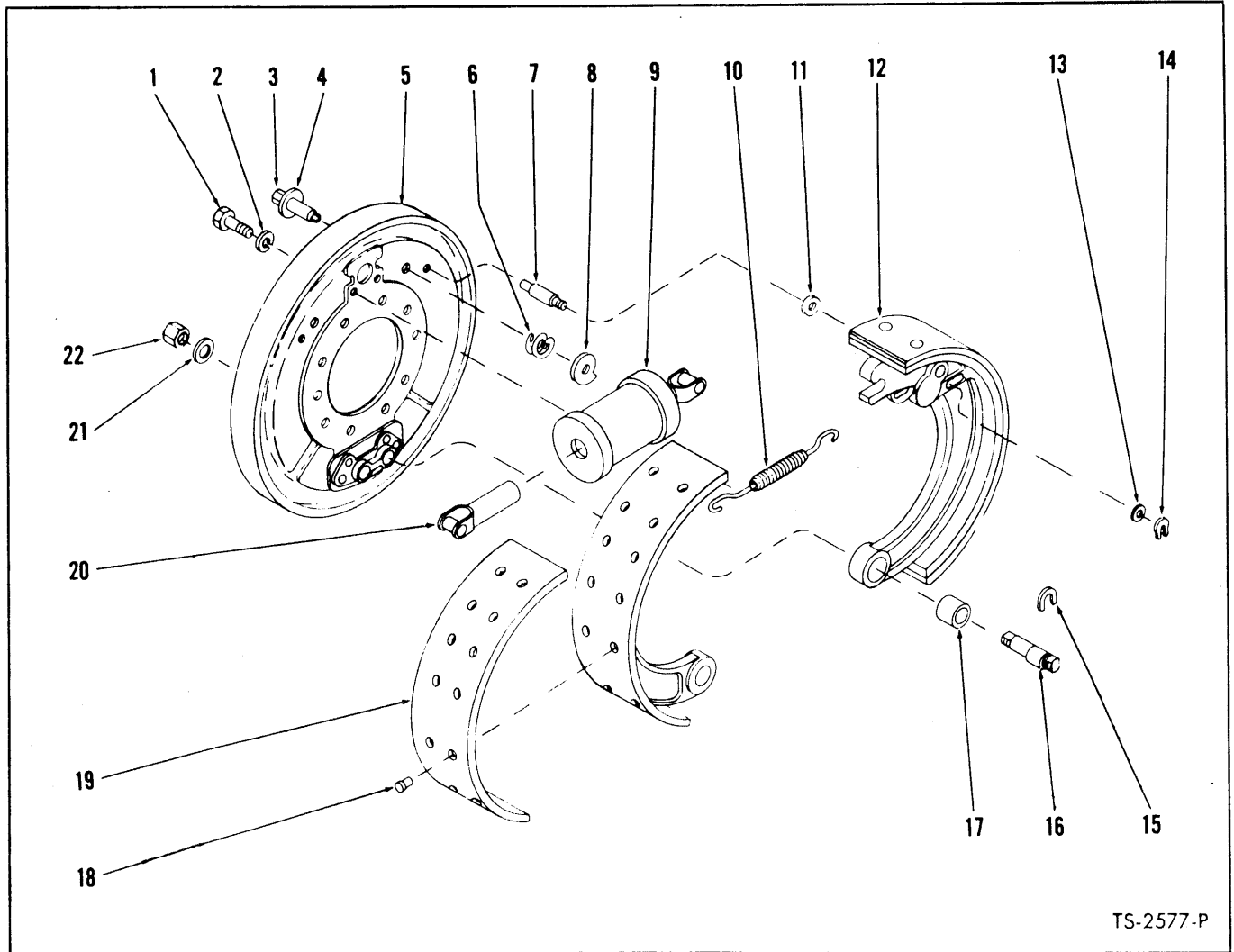
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**BRAKE ASSEMBLY — REAR**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	106816	Brake Ass'y. (Inc. all following items)	2	7	100877	Pin, Guide . . . . .	4
1	106824	Brake Shoe Assembly (Inc. 1A, 1B & 16)	4	8	100865	Spring, Brake Shoe Adj. Cam. . . . .	4
1A	106823	Lining, Brake . . . . .	4	9	4E-05	Lkwshr, Cylinder Mtg. . . . .	4
1B	106184	Rivet, Brake Lining. . . . .	48	10	1C-510	Bolt, Cylinder Mtg. . . . .	4
2	102488	Cylinder, Brake (Inc. 2A) . . . . .	2	11	101012	Pin, Brake Shoe Adj. Cam. . . . .	4
2A	853402	†Connector Link, Brake Cylinder. . . . .	4	12	100867	Washer, Brake Shoe Adj. Cam Pin. . . . .	4
X 2B	853405	‡Brake Cylinder Repair Kit. . . . .		13	6E-12	Lkwshr, Anchor Pin. . . . .	4
3	100879	Spring, Release . . . . .	2	14	2D-12	Nut, Anchor Pin. . . . .	4
4	100864	Cam, Shoe Adjusting. . . . .	4	15	106817	Brake Disc Ass'y. (Inc. 4, 8, 11 & 12)	2
5	102322	Washer, Guide Pin. . . . .	8	16	102497	Bushing, Brake Shoe . . . . .	4
X 6	100878	"C" Washer, Guide Pin. . . . .	4	17	102498	Pin, Anchor . . . . .	4
				X 18	100613	"C" Washer, Anchor Pin. . . . .	4

‡ — As Required  
† — Not Illustrated



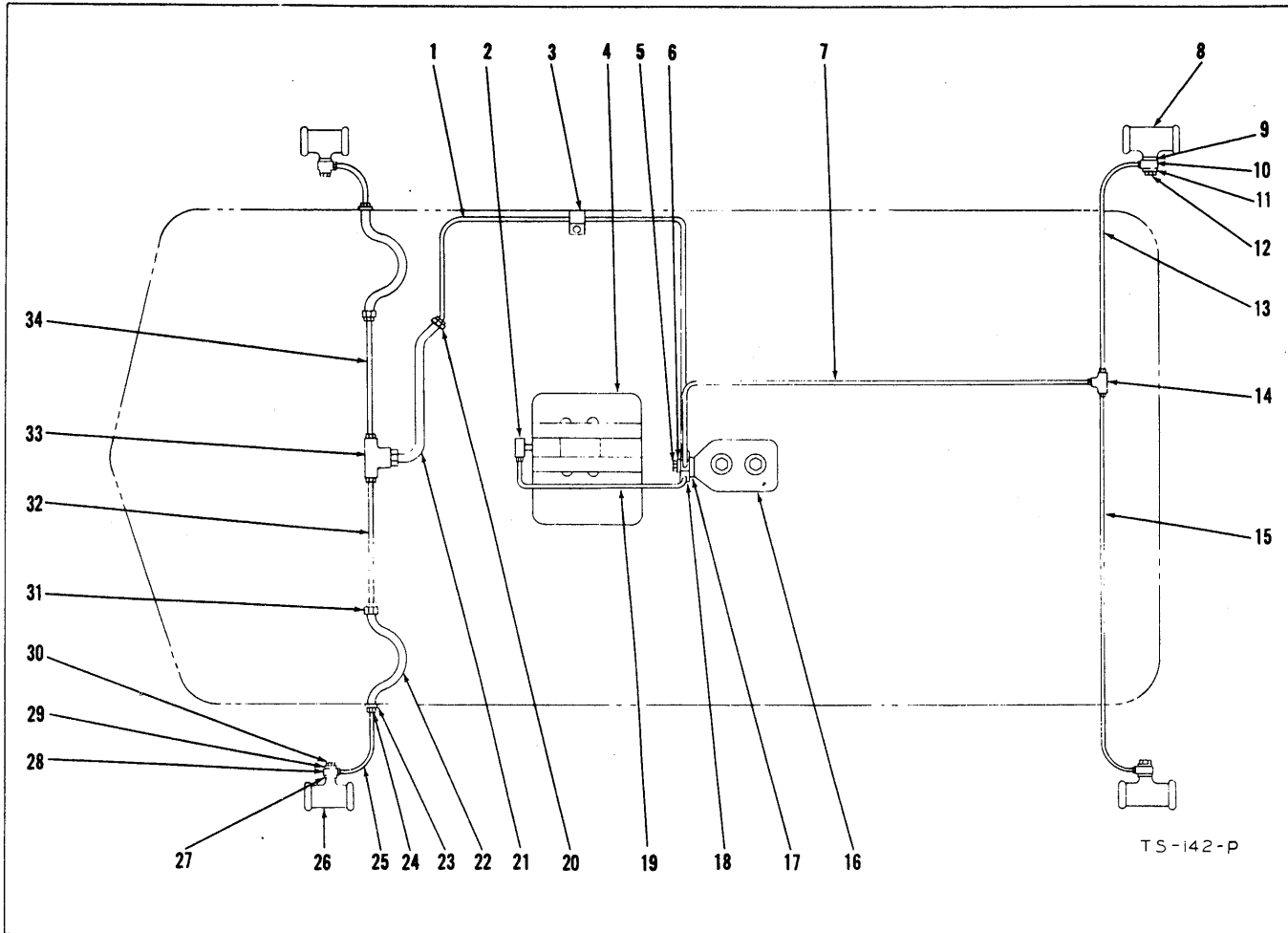
TS-2577-P

**BRAKE ASSEMBLY — REAR**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	110917	BRAKE ASSY (Inc. 1 thru 22)	2	11	102322	WASHER, Guide Pin	2
<b>NOTE: 2 brake assemblies used on axle — Quantities listed below are for 1 brake assembly.</b>				12	110918	SHOE ASSY, Brake (Inc. 17, 19)	2
1	1C-510	BOLT, Cylinder to Brake Disc	2	13	102322	WASHER, Guide Pin	2
2	4E-05	LKWSHR, Cylinder to Brake Disc	2	14	100878	"C" WASHER, Guide Pin	2
3	109568	PIN ASSY, Cam (Inc. 4)	2	15	100613	"C" WASHER, Anchor Pin	2
4	100867	WASHER, Cam Pin	2	16	102498	PIN, Anchor	2
5	106817	DISC ASSY, Brake (Inc. 3, 4, 6, 7, 8)	1	17	102497	BUSHING, Brake Shoe	2
6	943859	SPRING, Cam (Inc. 6A)	2	18		RIVET, Lining to Shoe	
6A	851771	+WASHER, Cam Spring	4	18A	106184	3/4" — For Shoes with 1/2" rivet holes	24
7	100877	PIN, Guide	2	18B	3H-1214	3/8" — For Shoes with 1/4" rivet holes	24
8	100864	CAM, Brake Shoe Adjusting	2	19	944216	LINING KIT, Brake Shoe (Inc. 18B)	2
9	102488	CYLINDER ASSY, Wheel (Inc. 21)	1	20	853402	LINK, Wheel Cylinder Connector	2
9A	853405	+REPAIR KIT, Wheel Cylinder	1	21	6E-12	LKWSHR, Anchor Pin	2
10	100879	SPRING, Brake Shoe Return	1	22	2D-12	NUT, Anchor Pin	2

+Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

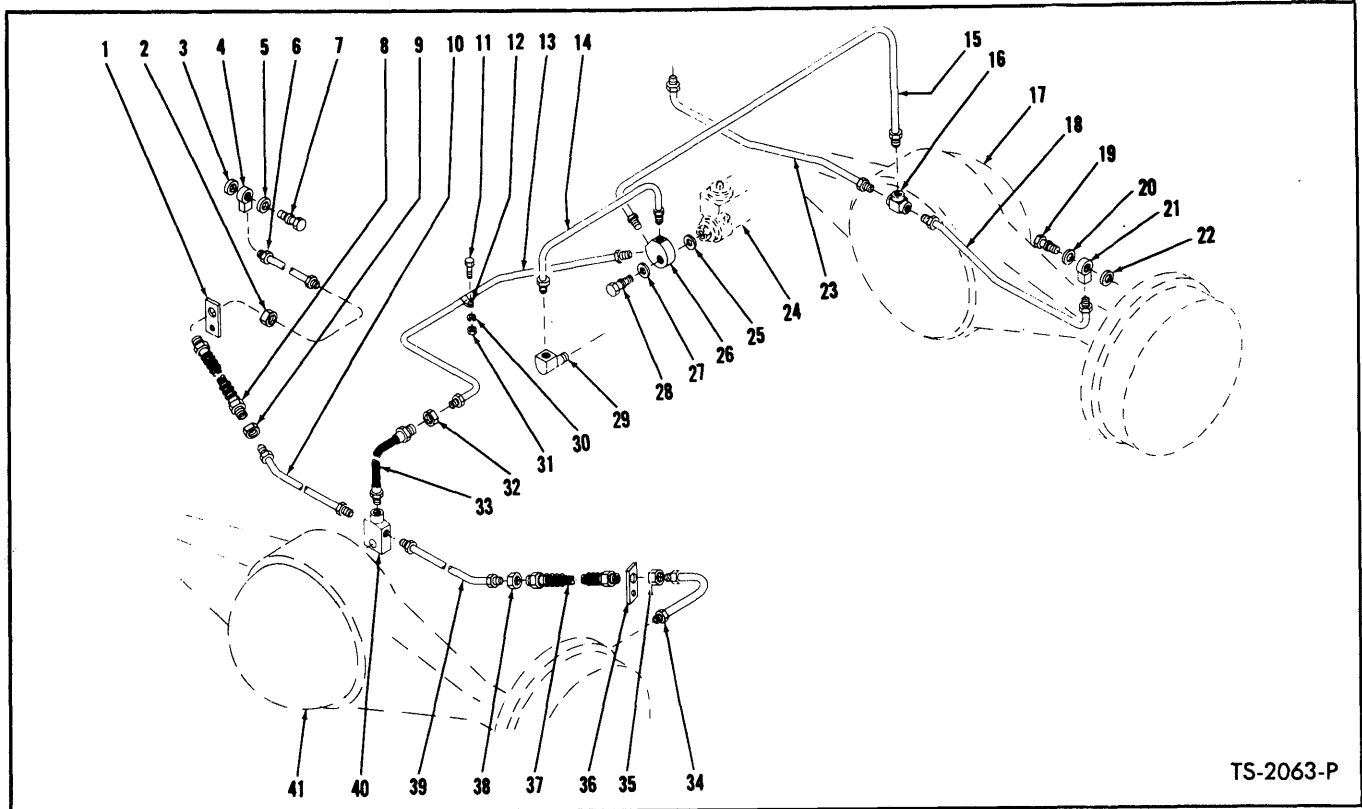


**BRAKE LINES AND FITTINGS — MODEL 75A**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.
1	552384	Brake Line, Master Cyl. to Rear Axle	1
2	62F-3	Elbow, Master Cyl. to Trans.....	1
3	6H-4	Clip, Brake Line.....	1
4		Transmission — See Index	
5	692722	Bolt, Master Cyl. Fitting.....	1
6	620238	Copper Gasket, Outer Master Cyl..	1
7	552383	Brake Line, Master Cyl. to Front Axle	1
8	107014	Wheel Cylinder, Front Axle.....	2
9	613750	Copper Gasket, Inner Wheel Cyl...	2
10	620235	Fitting, Wheel Cyl. ....	2
11	620238	Copper Gasket, Outer Wheel Cyl...	2
12	692722	Bolt, Wheel Cyl. Fitting.....	2
13	550405	Brake Line, Front Axle — L.H.....	1
14	550406	Tee, Front Axle .....	1
15	550404	Brake Line, Front Axle — R.H.....	1
16		Master Cyl. — See Index	
17	613750	Copper Gasket, Inner Master Cyl...	1
18	552264	Fitting, Master Cyl.....	1
19	552382	Brake Line, Master Cyl. to Trans....	1

Item No.	Part No.	Description	No. Req'd.
20	8D-10	Nut, Brake Hose.....	1
21	550324	Hose, Frame to Axle .....	1
22	552374	Hose, Rear Axle Brake.....	2
23	550325	Clip, Axle Brake Hose.....	2
24	8D-10	Nut, Brake Hose .....	2
25		Brake Line, Frame to Wheel Cyl....	2
	552387	For Serial 8610 thru 10592, 10641, 10642, 10649 & thereafter	
26	102488	Wheel Cyl., Rear Axle.....	2
27	613750	Copper Gasket, Inner Wheel Cyl...	2
28	620235	Fitting, Wheel Cyl.....	2
29	620238	Copper Gasket, Outer Wheel Cyl..	2
30	692722	Bolt, Fitting .....	2
31	8D-10	Nut, Brake Hose .....	2
32	552385	Brake Line, Rear Axle — R.H.....	1
33	550320	Tee, Rear Axle .....	1
34	552386	Brake Line, Rear Axle — L.H.....	1





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**BRAKE LINES — 75A**

For Serial: GAS — 8610 thru 12183, 1CA3170 and thereafter

DIESEL — 8610D thru 12183D, 1CB893 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550325	CLIP, Brake Hose	1	25	613750	GASKET, Copper — Inner Master Cyl.	1
2	8D-10	NUT, Clip to Hose	1	26	552264	FITTING, Master Cylinder	1
3	613750	GASKET, Copper — Inner Wheel Cyl.	2	27	620238	GASKET, Copper — Outer Master Cyl.	1
4	620235	FITTING, Wheel Cylinder	2	28	692722	BOLT, Master Cylinder Fitting	1
5	620238	GASKET, Copper — Outer Wheel Cyl.	2	29	62F-3	ELBOW, Line to Transmission	1
6		LINE, Brake — Frame to Wheel Cyl.		30	4E-06	LKWSHR, Clip Attaching	1
6B	552387	For Serial Group "B" Below	1	31	2D-06	NUT, Clip Attaching	1
7	692722	BOLT, Wheel Cylinder Fitting	2	32	8D-10	NUT, Brake Hose	1
8	552374	HOSE, Brake	1	33	550324	HOSE, Line to Axle Tee	1
9	8D-10	NUT, Brake Hose	1	34		LINE, Brake — Frame to Wheel Cyl.	
10	552386	LINE, Brake — Tee to Brake Hose	1	34B	552387	For Serial Group "B" Below	1
11	2C-616	BOLT, Clip Attaching	1	35	8D-10	NUT, Brake Hose	1
12	6H-4	CLIP, Brake Line	1	36	550325	CLIP, Brake Hose	1
13	552384	LINE, Brake—Master Cyl. to Rear Axle	1	37	552374	HOSE, Brake	1
14	552382	LINE, Master Cyl. to Transmission	1	38	8D-10	NUT, Brake Hose	1
15	552383	LINE, Brake — Master Cyl. to Front Axle	1	39	552385	LINE, Brake — Tee to Brake Hose	1
16	550406	TEE, Front Axle Brake Lines	1	40	550320	TEE, Rear Axle Brake Line	1
17		FRONT AXLE — (See Index)		41		REAR AXLE — (See Index)	
18	550404	LINE, Brake — Tee to Right Wheel Cyl.	1				
19	692722	BOLT, Wheel Cylinder Fitting	2				
20	620238	GASKET, Copper — Outer Wheel Cyl.	2				
21	620235	FITTING, Wheel Cylinder	2				
22	613750	GASKET, Copper — Inner Wheel Cyl.	2				
23	550405	LINE, Brake — Tee to Left Wheel Cyl.	1				
24		BRAKE MASTER CYL. — (See Index)					

**Serial Group "A":**

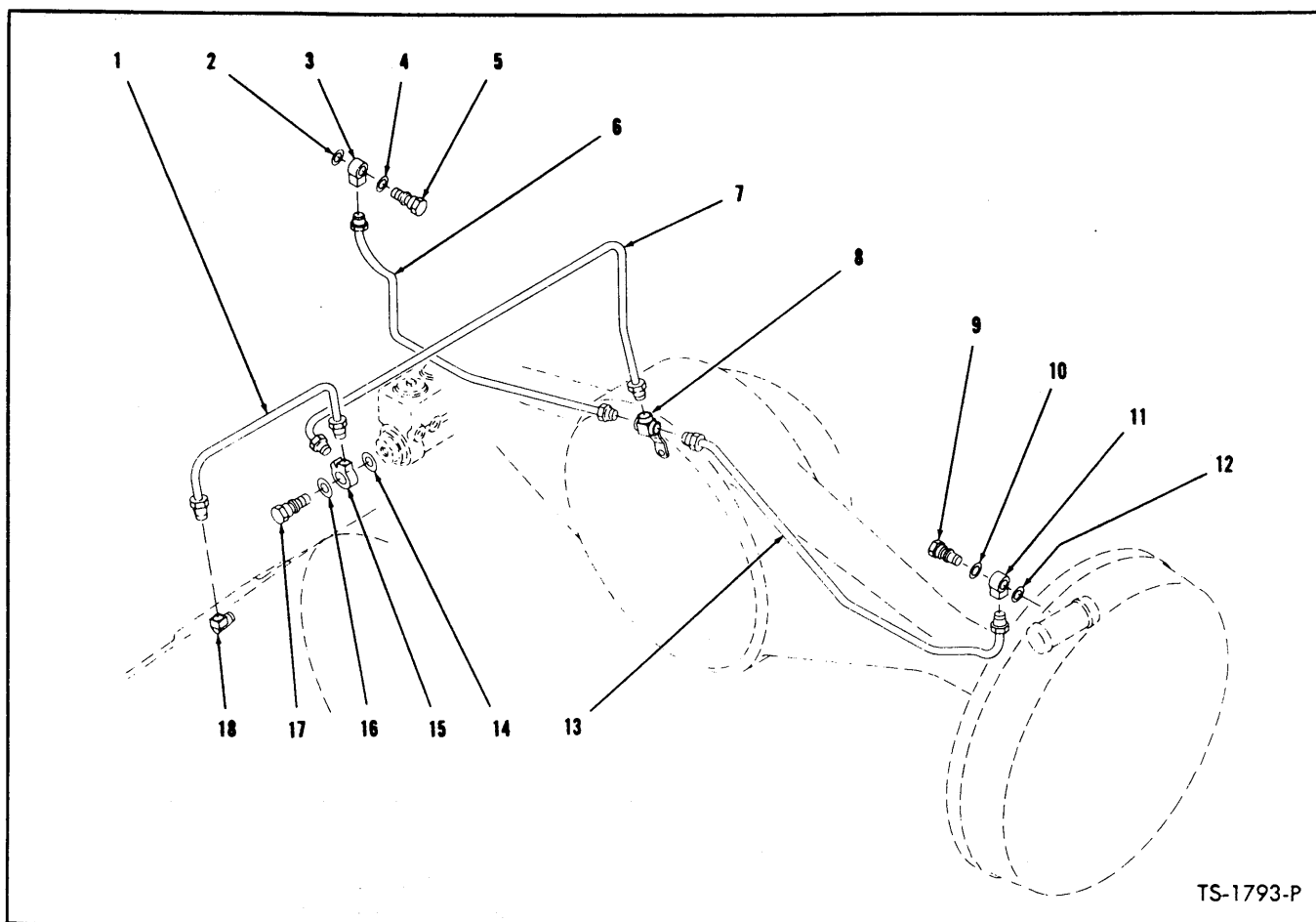
10593 thru 10640, 10643 thru 10648

**Serial Group "B":**

GAS — 8610 thru 10592, 10641, 10642, 10649 thru 12183, 1CA3170 and thereafter

DIESEL — 8610D thru 10592D, 10641D, 10642D, 10649D thru 12183D, 1CB893 and thereafter

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

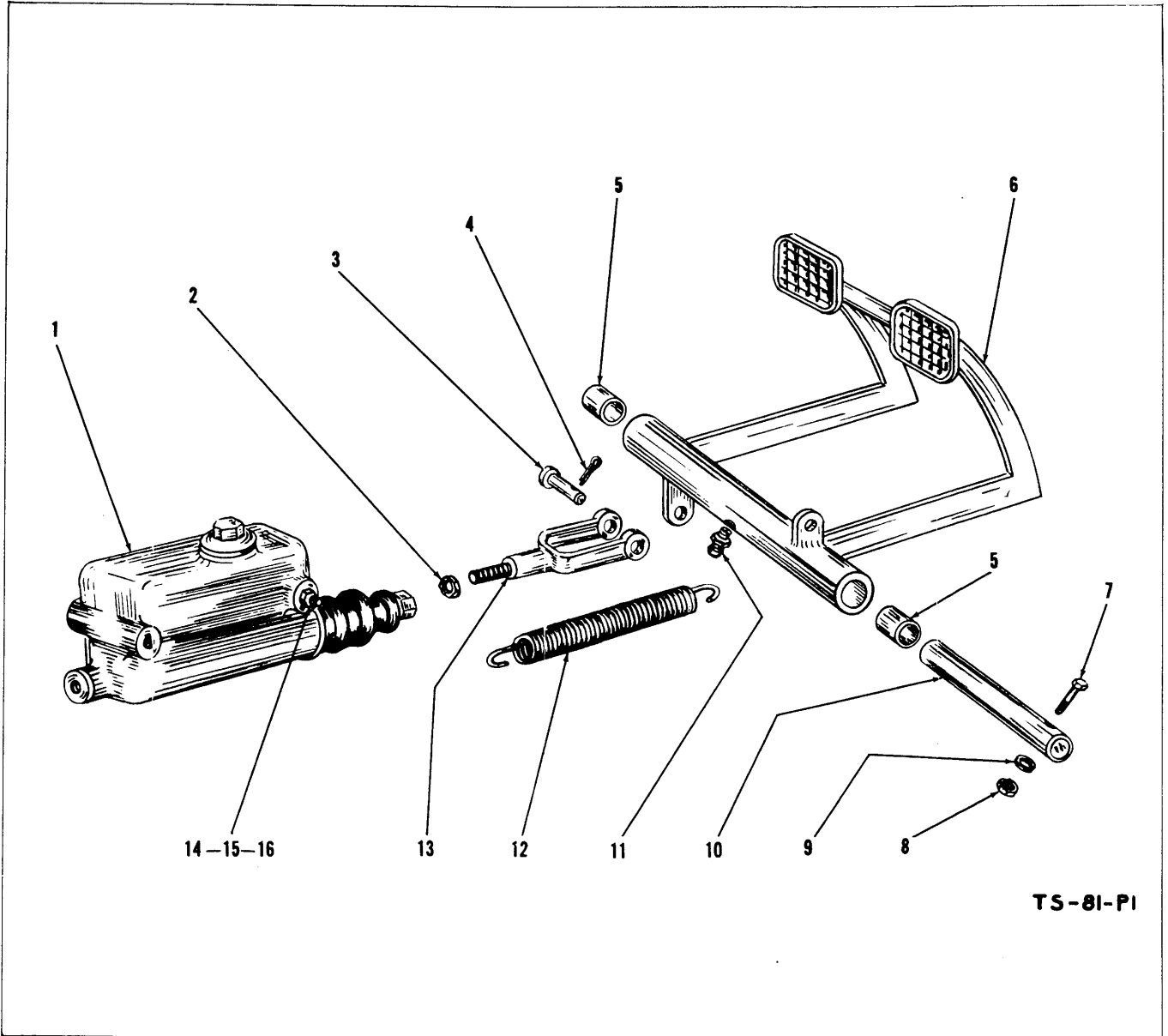


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**BRAKE LINES**

Item No.	Part No.	Description	No. Req'd.
1	552382	LINE, Brake — Master Cylinder to Transmission	1
2	613750	GASKET, Copper — Inner Wheel Cylinder	1
3	620235	FITTING, Wheel Cylinder	1
4	620238	GASKET, Copper — Outer Wheel Cylinder	1
5	692722	BOLT, Wheel Cylinder Fitting	1
6	550405	LINE, Tee to Left Wheel Brake	1
7		LINE, Brake — Master Cylinder to Axle Tee	
7A	552383	For 75A & 75B only	1
7B	550407	For 75R only	1
8	609733	TEE, Axle Brake Lines	1
9	692722	BOLT, Wheel Cylinder Fitting	1
10	620238	GASKET, Copper — Outer Wheel Cylinder	1
11	620235	FITTING, Wheel Cylinder	1
12	613750	GASKET, Copper — Inner Wheel Cylinder	1
13	550404	LINE, Brake — Tee to Right Wheel Brake	1
14	613750	GASKET, Copper — Inner Master Cylinder	1
15	633242	FITTING, Master Cylinder	1
16	620238	GASKET, Copper — Outer Master Cylinder	1
17	692722	BOLT, Master Cylinder Fitting	1
18	62F-3	ELBOW, Line to Transmission	1

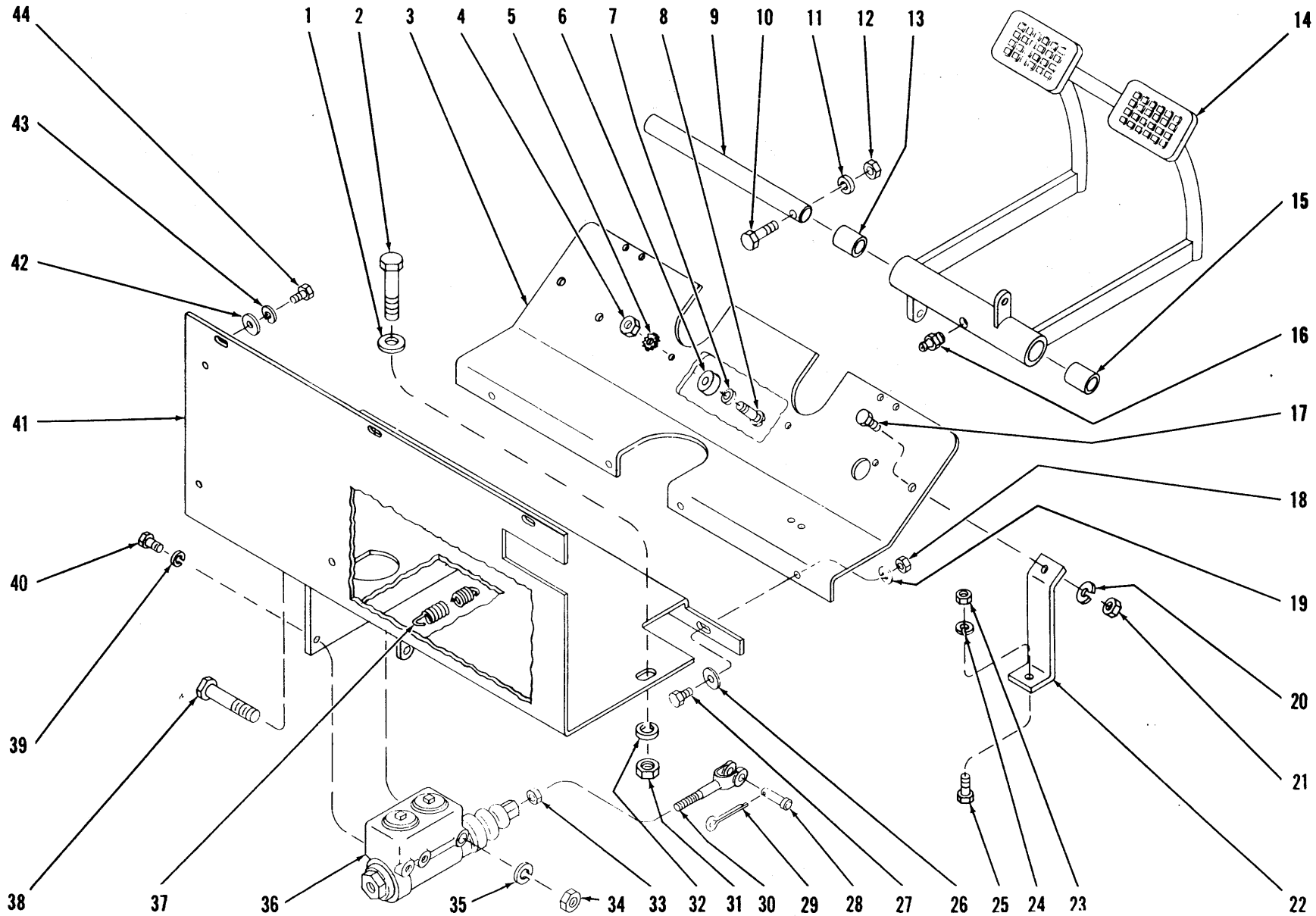
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**BRAKE CONTROLS**  
**Model 75A**  
**Effective with Serial 8610 and Thereafter**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	552373	Master Cylinder . . . . .	1	10	550299	Shaft, Brake Pedal . . . . .	1
1A	869449	‡Repair Kit, Master Cylinder . . . . .		11	11H-15	Fitting, Brake Pedal Grease . . . . .	1
2	8D-07	Nut, Clevis Jam . . . . .	1	12	550301	Spring, Pedal Return . . . . .	1
3	4F-08127	Pin, Clevis . . . . .	1	13	552377	Clevis, Master Cyl. Push Rod . . . . .	1
4	1F-412	Cotter, Clevis Pin . . . . .	1	14	2C-660	Bolt, Master Cyl. Mtg. . . . .	1
5	526767	Bushing, Brake Pedal Mtg. . . . .	2	15	10D-06	Nut, Master Cyl. Mtg. . . . .	2
6	550292	Brake Pedal Ass'y. (Inc. 5) . . . . .	1	16	4E-06	Lkwsr, Master Cyl. Mtg. . . . .	1
7	2C-640	Bolt, Shaft Retaining . . . . .	1	17	2C-660	†Bolt, Master Cyl. Mtg. . . . .	1
8	2D-06	Nut, Shaft Retaining . . . . .	1	18	4E-06	†Lkwsr, Master Cyl. Mtg. . . . .	1
9	4E-06	Lkwsr, Shaft Retaining . . . . .	1				

† — Not Illustrated  
 ‡ — As Required



BRAKE CONTROLS AND FLOORBOARDS

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## BRAKE CONTROLS AND FLOORBOARDS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	619023	WASHER, Floorboard to Frame.....	2	26	619023	WASHER, Floorboard to Floorboard	4
2	2C-616	BOLT, Floorboard to Frame	2	27	2C-616	BOLT, Floorboard to Floorboard	4
3		FLOORBOARD, Front		28	4F-08127	PIN, Clevis to Pedal	1
3B	550631	For Machines with Solenoid Starter	1	29	1F-412	COTTER, Clevis Pin	1
4	14D-10	NUT, Bumper to Floorboard	2	30	552377	ROD ASSY, Master Cylinder Push	1
5	13E-10	LKWSHR, Bumper to Floorboard	2	31	10D-06	NUT, Floorboard to Frame.....	2
6	302568	BUMPER, Brake Pedal	2	32	4E-06	LKWSHR, Floorboard to Frame	2
7	616775	WASHER, Bumper to Floorboard	2	33	8D-07	NUT, Push Rod Jam	1
8	2G-1010	SCREW, Bumper to Floorboard	2	34	2D-07	NUT, Cylinder to Floorboard	1
9	550299	SHAFT, Brake Pedal	1	35	4E-07	LKWSHR, Cylinder to Floorboard	1
10	2C-640	BOLT, Shaft Retaining	1	36		CYLINDER, Brake Master	
11	4E-06	LKWSHR, Shaft Retaining	1	36B	552373	For Serial Group "B" Below	1
12	10D-06	NUT, Shaft Retaining	1				
13	551373	BUSHING, Brake Pedal	1	37	550301	SPRING, Pedal Return	1
14	550292	PEDAL, Brake	1	38	2C-760	BOLT, Cylinder to Floorboard	1
15	551373	BUSHING, Brake Pedal	1	39	4E-06	LKWSHR, Cylinder to Floorboard	1
16	11H-15	FITTING, Brake Pedal Grease	1	40	1C-614	BOLT, Cylinder to Floorboard	1
17	2C-616	BOLT, Floorboard to Bracket	2	41		FLOORBOARD, Rear	
18	10D-06	NUT, Floorboard to Floorboard.....	4	41B	552375	For Serial Group "B" Below	1
19	4E-06	LKWSHR, Floorboard to Floorboard	4	42	619023	WASHER, Rear Floorboard to Frame	3
20	4E-06	LKWSHR, Floorboard to Bracket	2	43	4E-06	LKWSHR, Rear Floorboard to Frame	3
21	10D-06	NUT, Floorboard to Bracket.....	2	44	1C-612	BOLT, Rear Floorboard to Frame	3
22	550632	BRACKET, Floorboard Support	2				
23	10D-06	NUT, Bracket to Frame.....	2				
24	4E-06	LKWSHR, Bracket to Frame	2				
25	2C-620	BOLT, Bracket to Frame	2				

†Not Illustrated

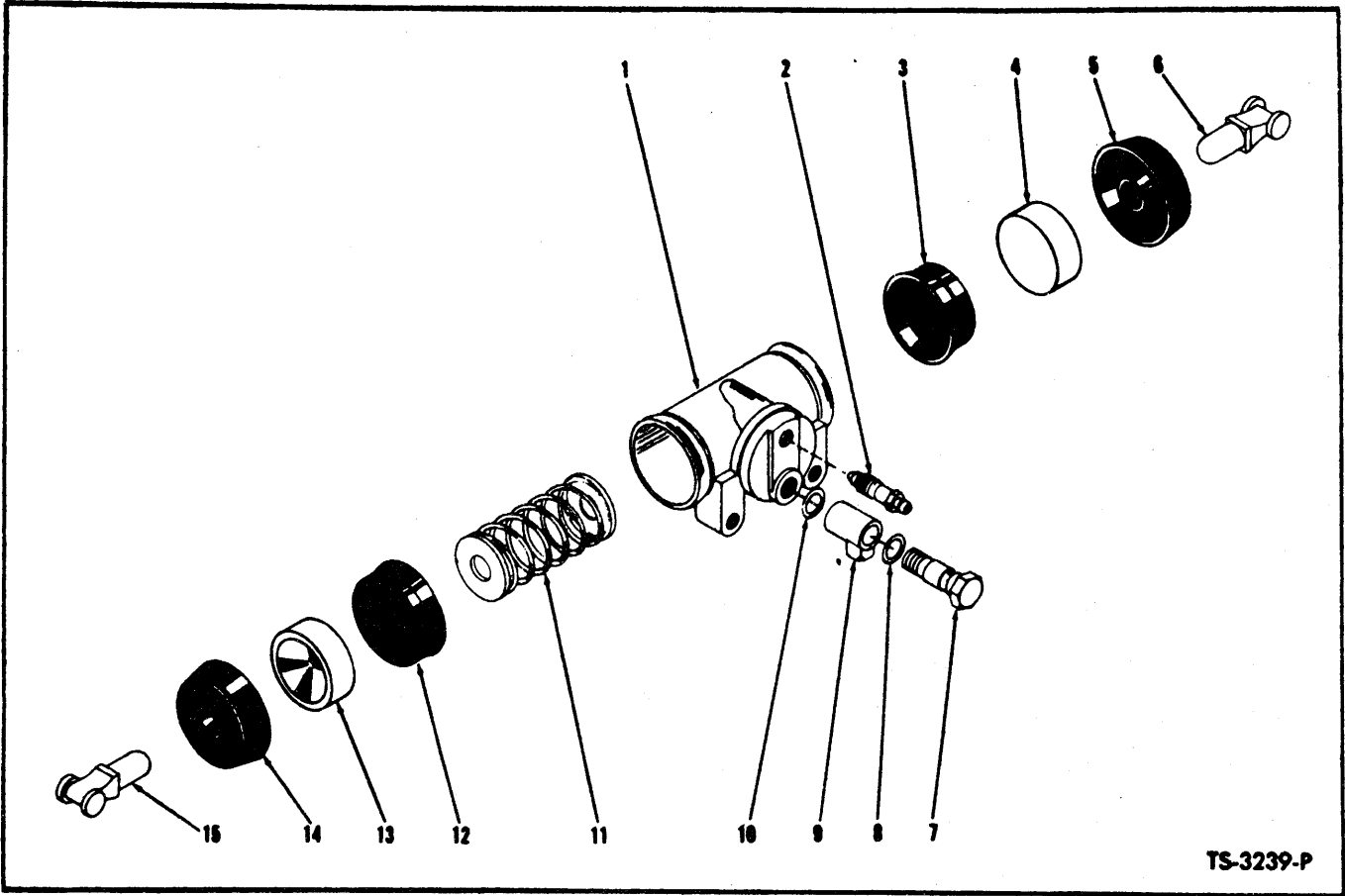
**Serial Group "A":**

75A — 8123 thru 8609  
 75B — 6123 thru 6270  
 75B — 7123 thru 7183

**Serial Group "B":**

75A — GAS — 8610 thru 12183, 1CA3170 and thereafter  
 75A DIESEL — 8610D thru 12183D, 1CB893 and thereafter

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

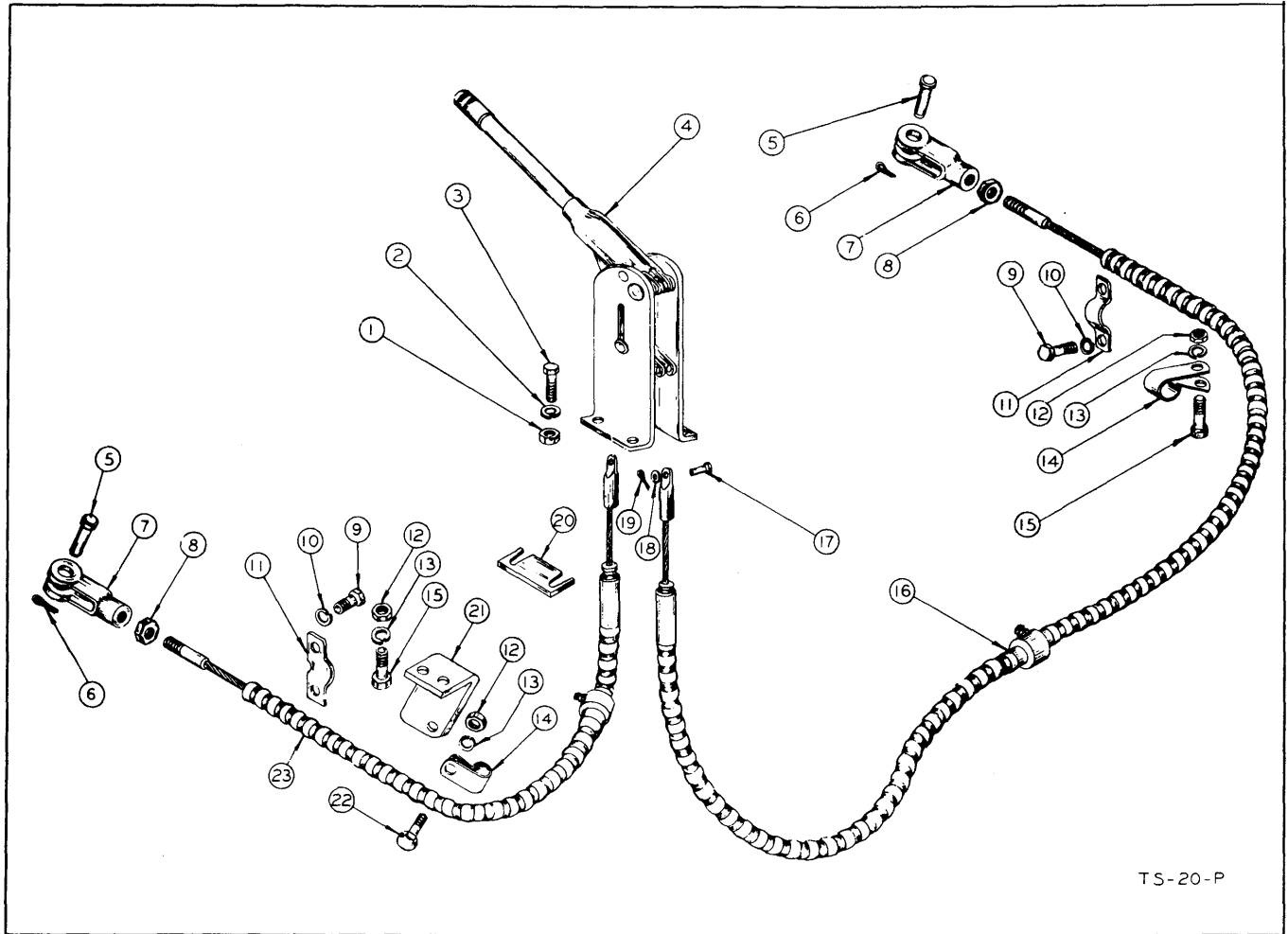


**BRAKE WHEEL CYLINDER**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		CYLINDER ASSY (Inc. 1, 3, 4, 5, 11 thru 14)		7		BOLT, Fitting to Cylinder	
B	956730	For Front Brake	2	7A	944966	For Front Cylinder	1
C	957829	For Rear Brake	2	7B	692722	For Rear Cylinder	1
<p><b>NOTE: 2 wheel cylinders used per axle. Quantities listed below are for 1 wheel cylinder.</b></p>				8	620238	GASKET, Outer Cylinder	1
D		REPAIR KIT, Cylinder (Inc. 3, 5, 12, 14)		9		FITTING, Cylinder	
E	957995	For Front Cylinder	1	9A	944967	For Front Cylinder	1
F	940130	For Rear Cylinder	1	9B	620235	For Rear Cylinder	1
1		§CYLINDER, Wheel - See "A"	1	10	613750	GASKET, Inner Fitting	1
2		SCREW, Bleeder		11		SPRING, Cylinder	
2A	861356	For Front Cylinder	1	11A	956664	For Front Cylinder	1
2B	208805	For Rear Cylinder	1	11B	956622	For Rear Cylinder	1
3		§CUP, Piston - See "D"	1	12		§CUP, Piston - See "D"	1
4		§PISTON - See "A"	1	13		§PISTON - See "A"	1
5		§BOOT - See "D"	1	14		§BOOT - See "D"	1
6	958553	ROD, Push	1	15	958553	ROD, Push	1

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

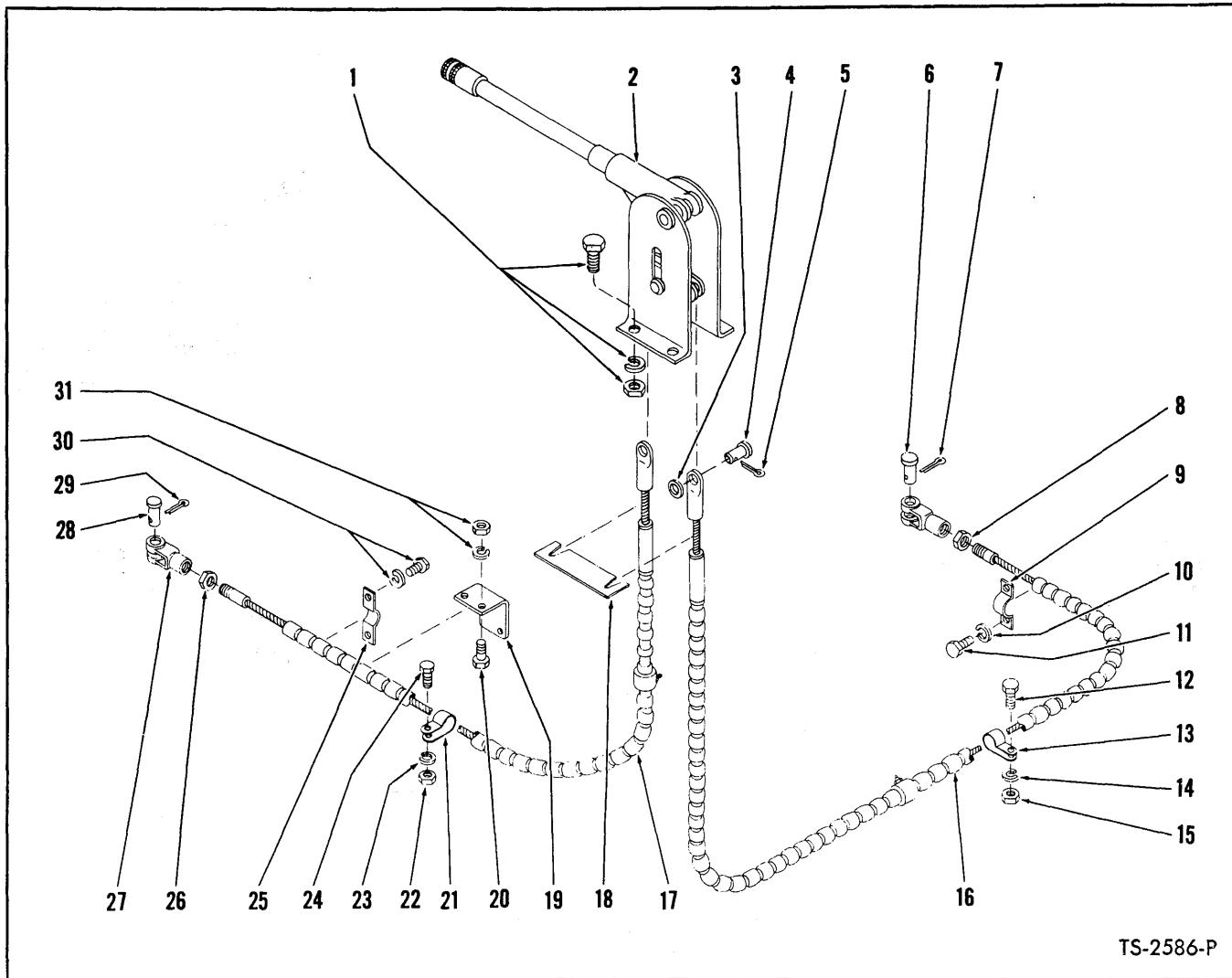


TS-20-P

**PARKING BRAKE CONTROLS**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.
1	2D-05	Nut, Lever Mtg. ....	4
2	4E-05	Lkwshr, Lever Mtg. ....	4
3	2C-524	Bolt, Lever Mtg. ....	4
4	551742	Parking Brake Lever.....	1
5	4F-06106	Pin, Clevis .....	2
6	1F-312	Cotter, Clevis Pin .....	2
7	4J-6208	Clevis .....	2
8	8D-06	Nut, Clevis Jam .....	2
9	1C-510	Bolt, Bracket .....	4
10	4E-05	Lkwshr, Bracket .....	4
11	104645	Bracket, Conduit Mtg. ....	2
12	2D-06	Nut — MODEL 75A & B.....	4
13	4E-06	Lkwshr — MODEL 75A & B.....	4
14	551834	Clip — MODEL 75A & B.....	2
15	2C-616	Bolt — MODEL 75A & B.....	3

Item No.	Part No.	Description	No. Req'd.
16	551689	Cable & Conduit Assy. — R.H. — MODEL 75A & B.....	1
17	4F-04051	Pin, Clevis .....	2
18	619016	Washer .....	2
19	1F-208	Cotter .....	2
20	551696	Retainer .....	1
21	551837	Bracket — MODEL 75A & B.....	1
22	2C-610	Bolt .....	1
23	551688	Cable & Conduit Assy. — L.H. — MODEL 75A & B.....	1



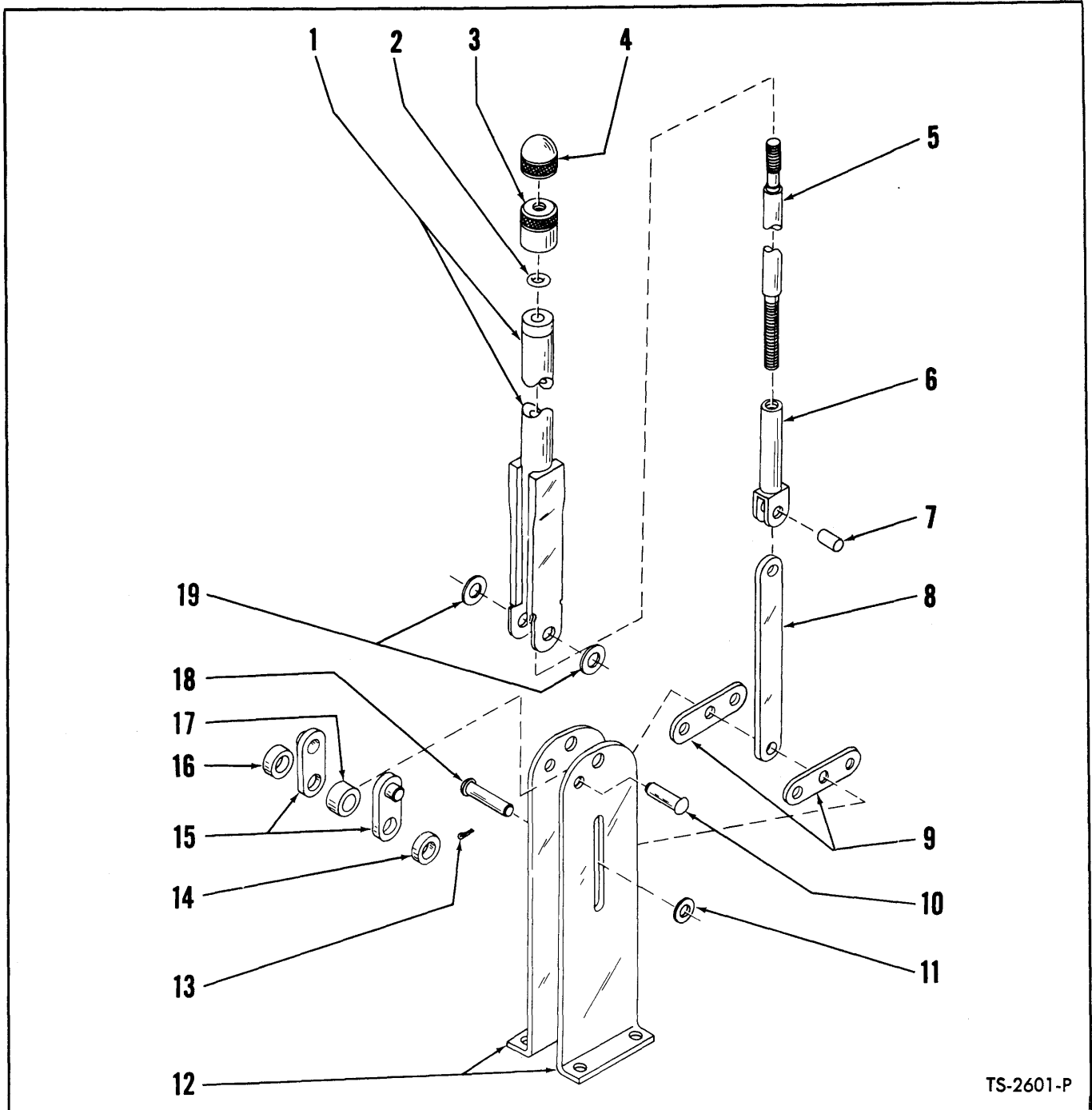
TS-2586-P

**PARKING BRAKE CONTROLS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2C-524	BOLT, Lever to Frame	4	17		CABLE, Parking Brake — L.H.	
1A	2D-05	NUT, Lever to Frame	4	17A	551688	For Model 75A & 75B	1
1B	4E-05	LKWSHR, Lever to Frame	4				
2	-----	LEVER, Parking Brake (See Page 77)	1	18	551696	RETAINER, Cable	1
3	619016	WASHER, Clevis Pin	2	19	551837	BRACKET, Cable to Frame	1
4	4F-04051	PIN, Cable to Lever	2	20	2C-616	BOLT, Bracket to Frame	2
5	1F-208	COTTER, Cable to Lever	2	21	551834	CLIP, Cable to Bracket	1
6	4F-06106	PIN, Clevis to Brake Lever	1	22	2D-06	NUT, Clip to Bracket	1
7	1F-312	COTTER, Clevis Pin	1	23	4E-06	LKWSHR, Clip to Bracket	1
8	8D-06	NUT, Clevis Jam	1	24	2C-610	BOLT, Clip to Bracket	1
9	104645	BRACKET, Cable	1	25	104645	BRACKET, Cable	1
10	4E-05	LKWSHR, Cable Bracket	2	26	8D-06	NUT, Clevis Jam	1
11	1C-510	BOLT, Cable Bracket	2	27	2J-6208	CLEVIS, Cable to Brake	1
12	2C-616	BOLT, Cable Clip	1	28	4F-06106	PIN, Clevis to Brake Lever	1
13	551834	CLIP, Cable	1	29	1F-312	COTTER, Clevis Pin	1
14	4E-06	LKWSHR, Cable Clip	1	30	1C-510	BOLT, Cable Bracket	2
15	2D-06	NUT, Cable Clip	1	30A	4E-05	LKWSHR, Cable Bracket	2
16		CABLE, Parking Brake — R.H.		31	2D-06	NUT, Bracket to Frame	2
16A	551689	For Model 75A & 75B	1	31A	4E-06	LKWSHR, Bracket to Frame	2

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



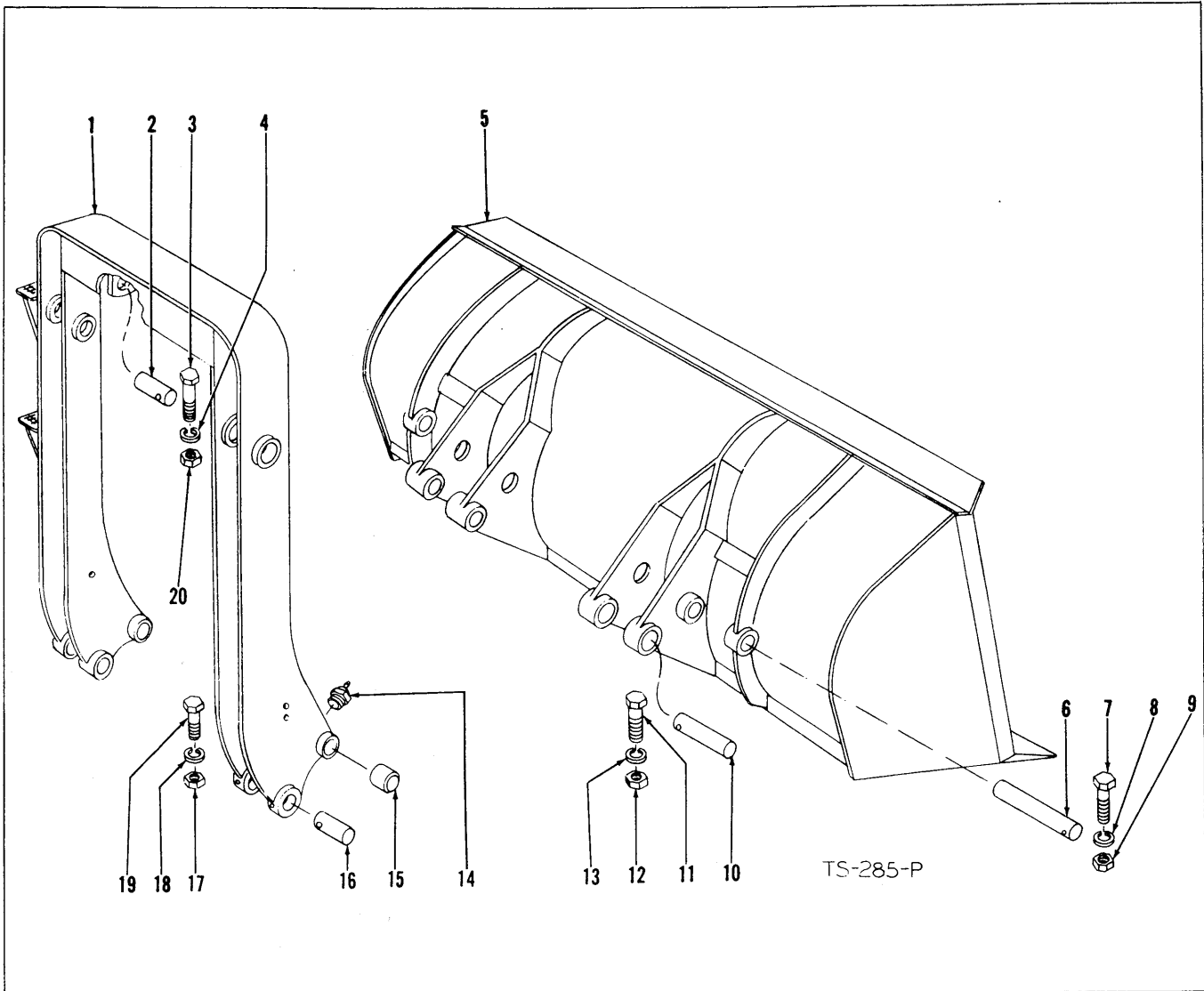


TS-2601-P

**PARKING BRAKE LEVER PARTS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	551742	LEVER ASSY (Inc. 1 thru 19)	1	10	944054	RIVET	1
1	941232	BODY, Lever	1	11	619019	WASHER, Clevis Pin	1
2	25K-30012	"O" RING, Base	1	12	941235	BRACKET, Mounting	2
3	941226	BASE, Adjusting Knob	1	13	1F-312	COTTER, Clevis Pin	1
4	941227	CAP, Adjusting Knob	1	14	941234	SPACER	1
5	941237	ROD, Adjusting	1	15	862653	BRACKET, Pivot	2
6	862648	TUBE, Adjusting	1	16	941234	SPACER	1
7	941238	PIN, Tube to Link	1	17	603985	SPACER	1
8	862652	LINK	1	18	862738	PIN, Clevis	1
9	941236	LINK, Equalizer	2	19	619024	WASHER	2

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



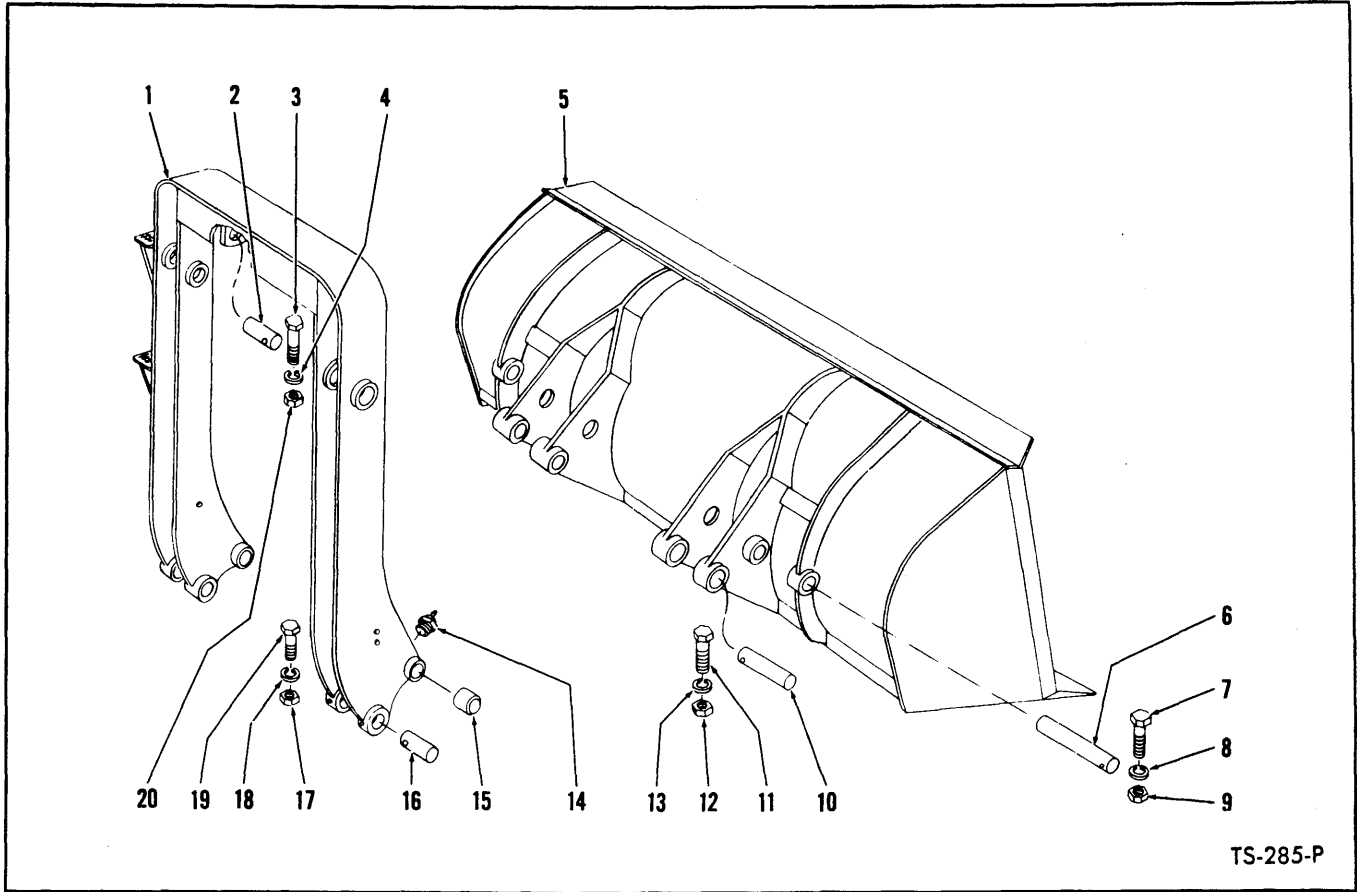
**BUCKET AND CARRIER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.
1	550193	Bucket Carrier Assembly . . . . .	1
2	550208	Pin, Cylinder To Carrier. . . . .	2
3	2C-672	Bolt, Pin Retainer . . . . .	2
4	4E-06	Lkwshr, Pin Retainer. . . . .	2
5		Bucket Assembly — See Chart Below	
6	552550	Pin, Carrier To Bucket. . . . .	2
7	2C-648	Bolt, Pin Retainer . . . . .	2
8	4E-06	Lkwshr, Pin Retainer . . . . .	2
9	2D-06	Nut, Pin Retainer. . . . .	2
10	550231	Pin, Cylinder To Bucket. . . . .	2
11	2C-656	Bolt, Pin Retainer . . . . .	2
12	2D-06	Nut, Pin Retainer. . . . .	2
13	4E-06	Lkwshr, Pin Retainer . . . . .	2
14	10H-25	Fitting, Carrier Grease . . . . .	2
15	550206	Bushing, Carrier To Bucket. . . . .	4
16	550207	Pin, Carrier To Guide Bar. . . . .	2
17	2D-06	Nut, Pin Retainer. . . . .	2
18	4E-06	Lkwshr, Pin Retainer . . . . .	2

Item No.	Part No.	Description	No. Req'd.
19	2C-648	Bolt, Pin Retainer . . . . .	2
20	2D-06	Nut, Pin Retainer. . . . .	2

**BUCKET ASSEMBLY DATA**

Width	Bucket Assembly No.	Main Cutting Edge	Side Cutting Edge Replacement
60"	552863	552865	940173 R.H. 940172 L.H.
73"	550210	552598	940173 R.H. 940172 L.H.
79"	551717 Standard	553441	940173 R.H. 940172 L.H.
85"	551711	551612	940173 R.H. 940172 L.H.



TS-285-P

**BUCKET AND CARRIER**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	548152	CARRIER ASSY, Bucket (Inc. 15)	1	11	2C-656	BOLT, Pin Retaining	2
2	550208	PIN, Cylinder to Carrier	2	12	2D-06	NUT, Pin Retaining	2
3	2C-672	BOLT, Pin Retaining	2	13	4E-06	LKWSHR, Pin Retaining	2
4	4E-06	LKWSHR, Pin Retaining	2	14	11H-15	FITTING, Carrier Grease	2
5	-----	BUCKET ASSY — (See Chart Below)	—	15	550206	BUSHING, Carrier	4
6	552550	PIN, Carrier to Bucket	2	16	550207	PIN, Guide Bar to Carrier	2
7	2C-648	BOLT, Pin Retaining	2	17	2D-06	NUT, Pin Retaining	2
8	4E-06	LKWSHR, Pin Retaining	2	18	4E-06	LKWSHR, Pin Retaining	2
9	2D-06	NUT, Pin Retaining	2	19	2C-648	BOLT, Pin Retaining	2
10	550231	PIN, Cylinder to Bucket	2	20	2D-06	NUT, Pin Retaining	2

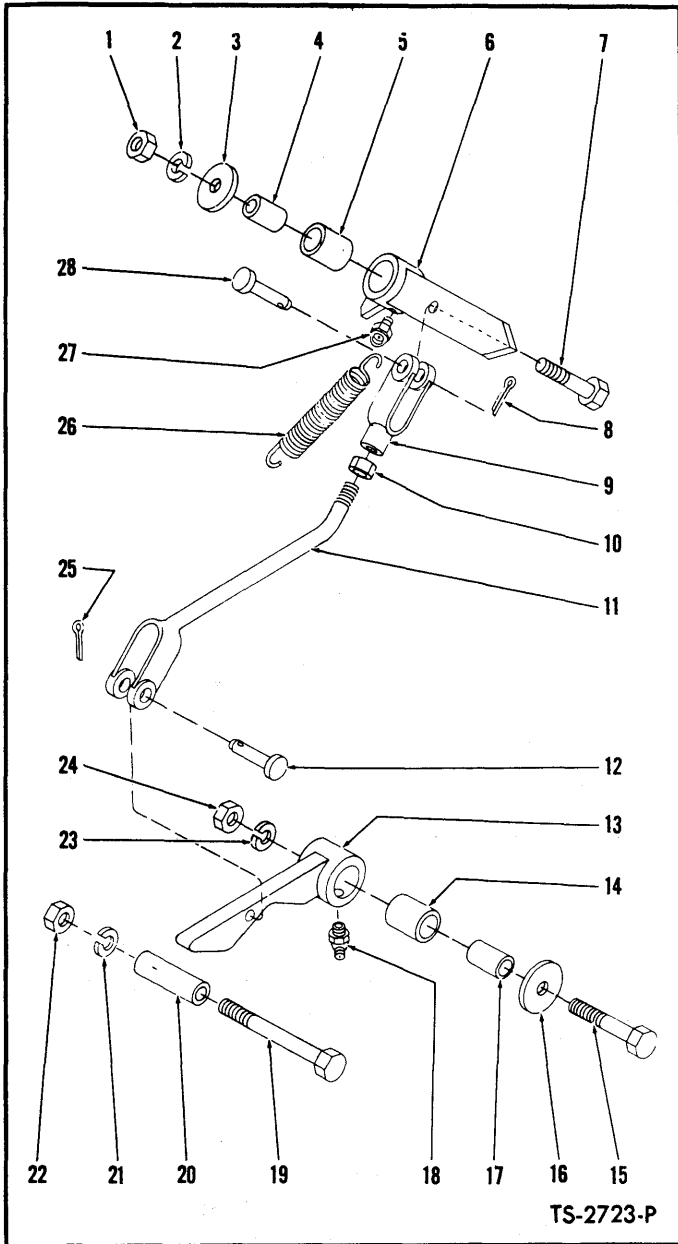
**BUCKET ASSEMBLY DATA**

BUCKET		MAIN CUTTING EDGE			SIDE CUTTING EDGE			
Width	Part No.	Part No.	Size	Approx. Wt.	R. H. Part No.	L. H. Part No.	Size	Wt.
60"	552154	552865	1 x 9 x 61	136	*552868	*552869	½ x 3 x 37 1/16	14
73"	550210	552598	1 x 9 x 73	164	*550218	*550216	½ x 3 x 35 1/16	13
79"	509491	553441	1 x 9 x 79	177	*550218	*550216	½ x 3 x 35 1/16	13
85"	551711	534113	1 x 9 x 85	190	*551815	*551816	½ x 3 x 38 1/16	14
97"	519495	551765	1 x 9 x 97	218	*551769	*551770	½ x 3 x 44	16

\*NOTE: ½" x 3" x 10" segments are available for above side cutting edges, 940173 R.H. and 940172 L.H. — approximate wt., 4 lbs.

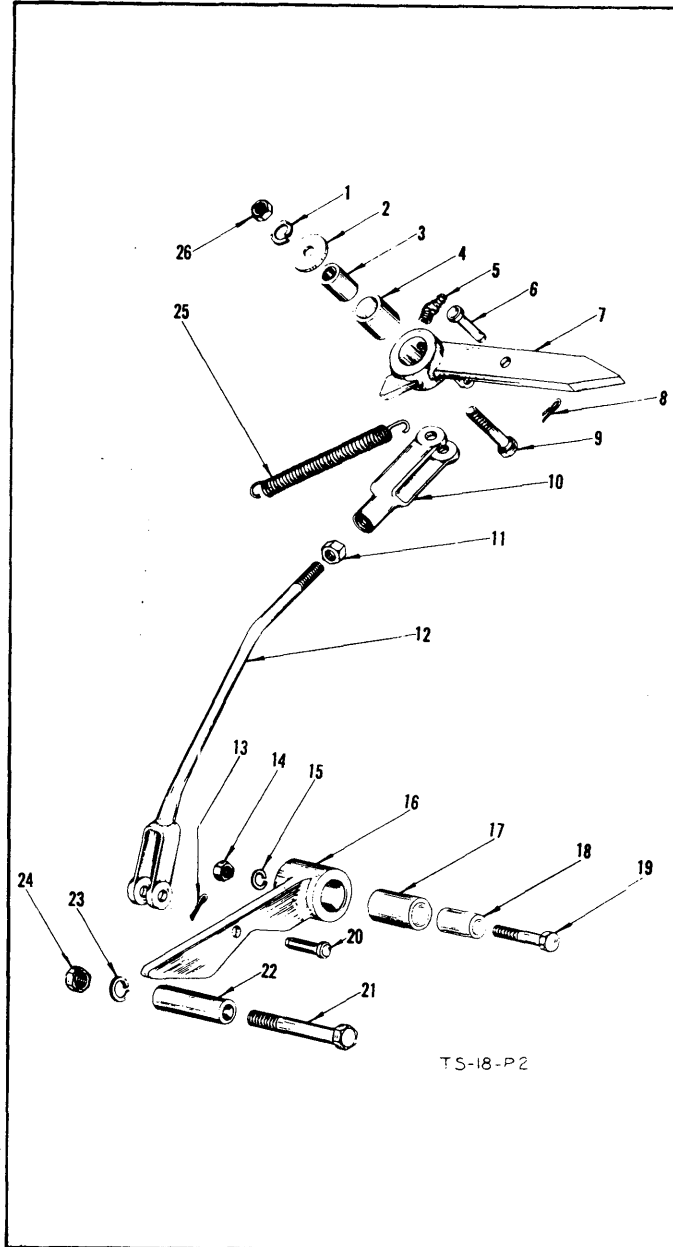
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**BUCKET INDICATOR**



Item No.	Part No.	Description	No. Req'd.
1	2D-08	NUT, Pointer Arm to Bucket	1
2	4E-08	LKWSHR, Pointer Arm to Bucket	1
3	616796	WASHER, Pointer Arm to Bucket	1
4	550646	SLEEVE, Pointer Arm	1
5	526767	BUSHING, Pointer Arm	1
6	551521	ARM, Pointer	1
7	2C-840	BOLT, Pointer Arm to Bucket	1
8	1F-414	COTTER, Clevis Pin	1
9	2J-8300	CLEVIS, Rod to Pointer Arm	1
10	8D-08	NUT, Clevis Jam	1
11	552409	ROD, Bucket Indicator	1
12	4F-08127	PIN, Rod to Cam	1
13	551517	CAM, Indicator	1
14	526767	BUSHING, Cam	1
15	2C-844	BOLT, Cam to Bucket	1
16	616796	WASHER, Cam to Bucket	1
17	550646	SLEEVE, Cam	1
18	12H-15	FITTING, Cam Grease	1
19	1C-1072	BOLT, Tube to Carrier	1
20	551523	TUBE, Indicator	1
21	4E-10	LKWSHR, Tube to Carrier	1
22	1D-10	NUT, Tube to Carrier	1
23	4E-08	LKWSHR, Cam to Bucket	1
24	2D-08	NUT, Cam to Bucket	1
25	1F-414	COTTER, Clevis Pin	1
26	551644	SPRING, Pointer Return	1
27	12H-15	FITTING, Pointer Grease	1
28	4F-08127	PIN, Clevis to Pointer	1

**BUCKET INDICATOR**  
S/N MB 51 thru 940

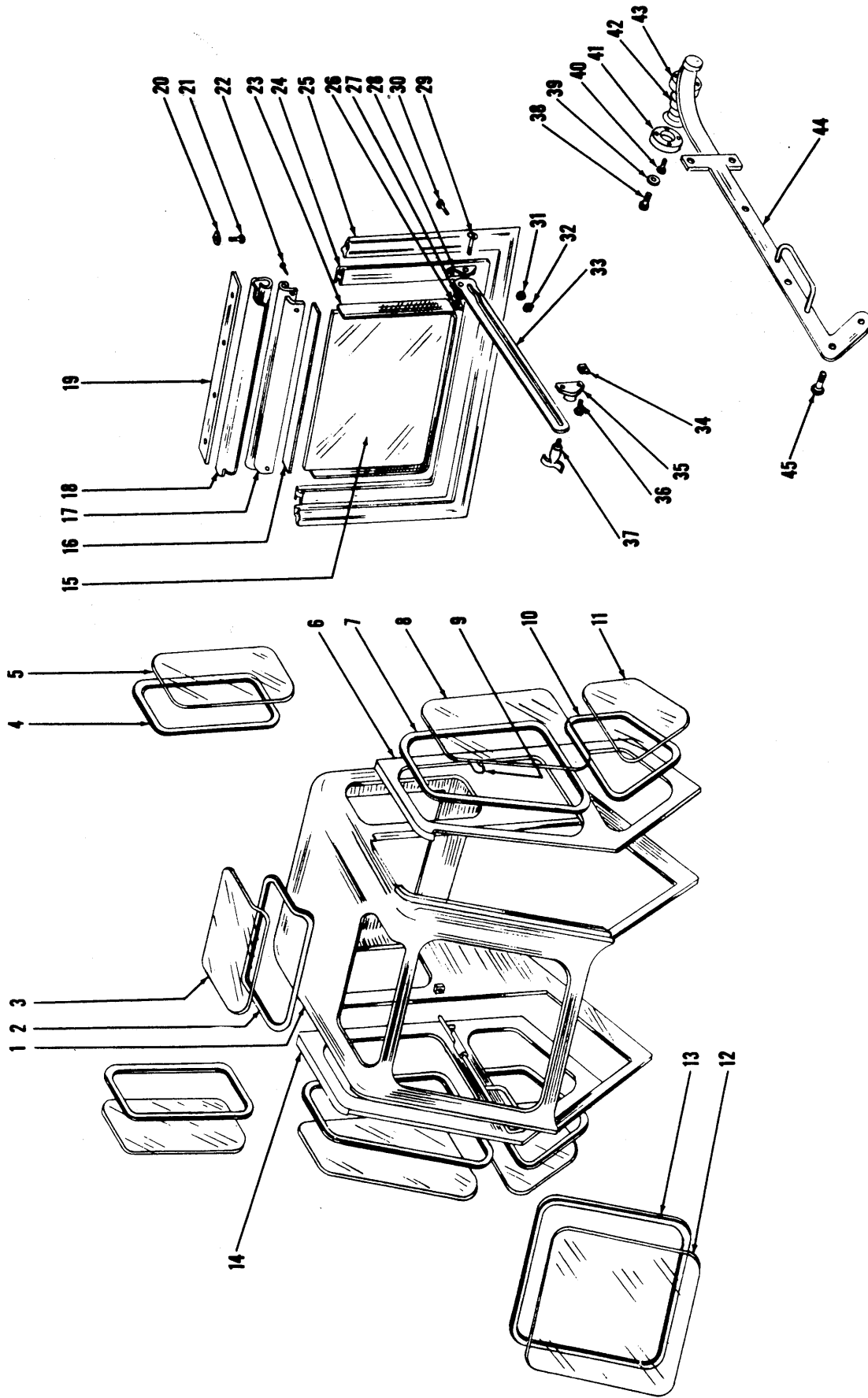


Item No.	Part No.	Description	No. Req'd.
1	4E-08	Lkwshr, Pointer Arm to Bucket.....	1
2	616796	Washer, Pointer Arm to Bucket....	2
3	550646	Sleeve, Pointer Arm Mtg.....	1
4	526767	Bushing, Pointer Arm Mtg.....	1
5	12H-15	Fitting, Pointer Arm Grease.....	1
6	4F-08127	Pin, Clevis .....	1
7	551521	*Pointer Arm Assembly .....	1
7A	551520	*Pointer Assembly (Inc. 4, 5, & 7)..	1
8	1F-414	Cotter, Clevis Pin.....	1
9	2C-840	Bolt, Pointer Arm to Bucket.....	1
10	4J-8300	Clevis, Rod End .....	1
11	8D-08	Nut, Rod End Clevis Jam.....	1
12	551613	Indicator Rod Assy. (Inc. 10 & 11)..	1
13	1F-414	Cotter, Clevis Pin.....	1
14	2D-08	Nut, Cam Assembly Mtg.....	1
15	4E-08	Lkwshr, Cam Assembly Mtg.....	1
16	551515	Cam Assembly (Inc. 16A & 17)....	1
16A	12H-15	Fitting, Cam Assembly Grease....	1
17	526767	Bushing, Cam Assembly Mtg.....	1
18	550646	Sleeve, Cam Assembly Mtg.....	1
19	2C-844	Bolt, Cam Assembly to Bucket.....	1
20	4F-08127	Pin, Clevis .....	1
21	1C-1072	Bolt, Tube to Bucket Carrier.....	1
22	551523	Tube .....	1
23	4E-10	Lkwshr, Tube to Bucket Carrier....	1
24	1D-10	Nut, Tube to Bucket Carrier.....	1
25	551644	Spring .....	1
26	2D-08	Nut, Pointer Arm to Bucket.....	1

\*For 60" Bucket Assembly Use:

7	552878	Pointer Arm Assembly.....	1
7A	552880	Pointer Assembly (Inc. 4, 5 & 7)...	1

TS-149-P



CAB ASSEMBLY



CAB ASSEMBLY

These cabs have been manufactured by two companies, Kidron Body Co. and Orrville Metal Specialty Co. Manufacturer can be identified by serial number stamped on serial number plate. Cabs manufactured by Kidron are prefixed with the letter "K," whereas cabs manufactured by Orrville are prefixed with the letter "O".

Cab serial number also includes machine model number. As an example, in serial number K-75-1, "K" indicates cab is manufactured by Kidron Body Co., 75 indicates it is used on model 75A or 85A, 1 is the cab serial number. If this serial number had been prefixed by the letter "O" such as O-75-1, "O" would indicate that it was manufactured by Orrville Metal Specialty Co.

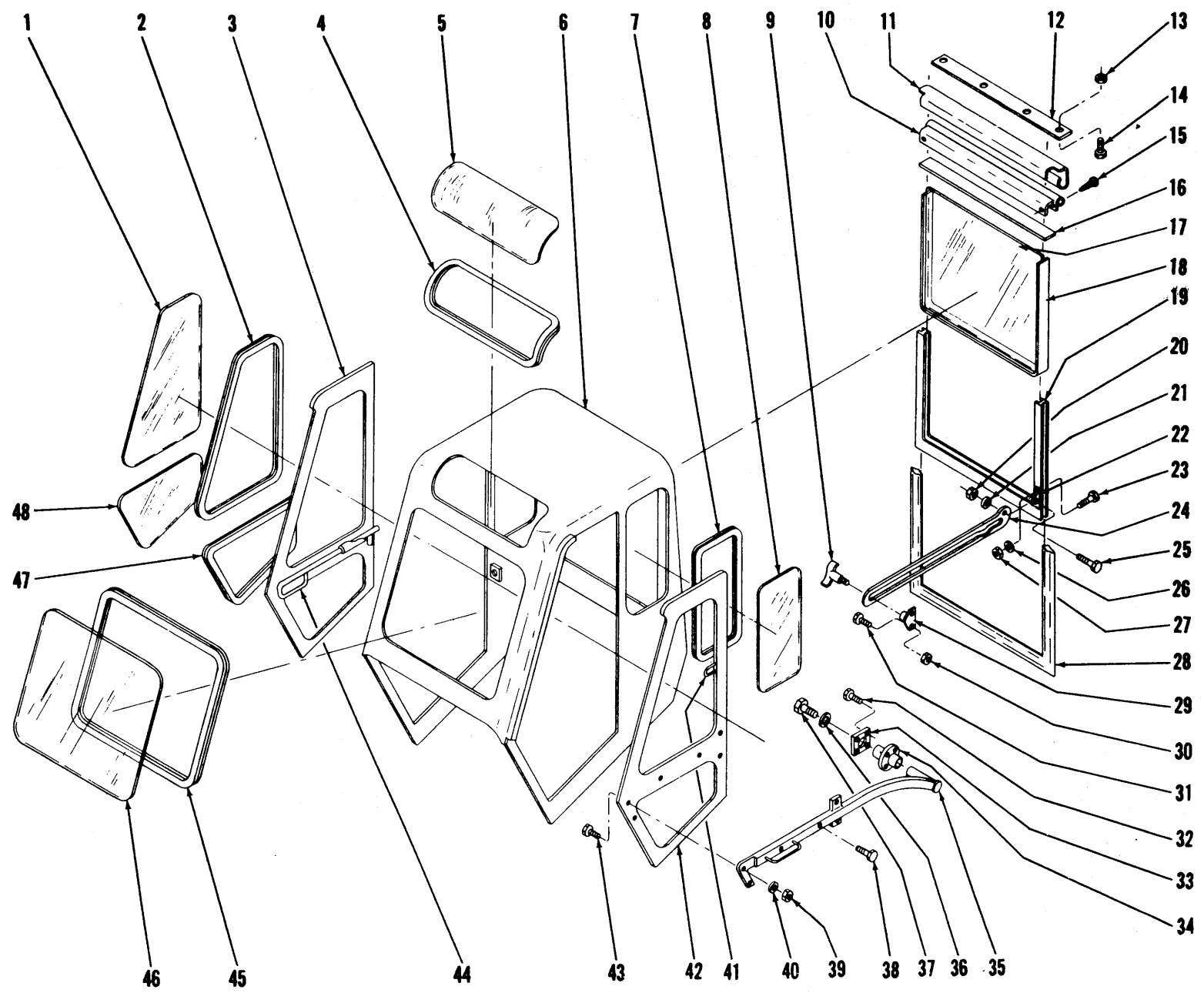
Whenever parts are required for a cab, always determine manufacturer by checking serial number plate. Cab listings herein are separated by manufacturer.

KIDRON BODY CO. CABS

Table with 4 columns: Item No., Part No., Description, No. Req'd. It lists various parts for Kidron Body Co. cabs, including CAB ASSY, WEATHERSEAL, GLASS, WEATHERSTRIP, DOOR, HINGE CHANNEL, NUT, BOLT, SCREW, WASHER, BRACKET, and WINDSHIELD ASSY.

\*Quantity required this item for 75 Series and 85A Cab is 4. †Not Illustrated. \*\*NOTE: When complete cab is ordered under these numbers, Orrville cabs will be furnished. Refer to index for Orrville cabs.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



CAB ASSEMBLY

TS-486-P



**CAB ASSEMBLY**

These cabs have been manufactured by two companies, Kidron Body Co. and Orrville Metal Specialty Co. Manufacturer can be identified by serial number stamped on serial number plate. Cabs manufactured by Kidron are prefixed with the letter "K," whereas cabs manufactured by Orrville are prefixed with the letter "O".

Cab serial number also includes machine model number. As an example, in serial number K-75-1, "K" indicates cab is manufactured by Kidron Body Co., 75 indicates it is used on model 75A or 85A, 1 is the cab serial number. If this serial number had been prefixed by the letter "O" such as O-75-1, "O" would indicate that it was manufactured by Orrville Metal Specialty Co.

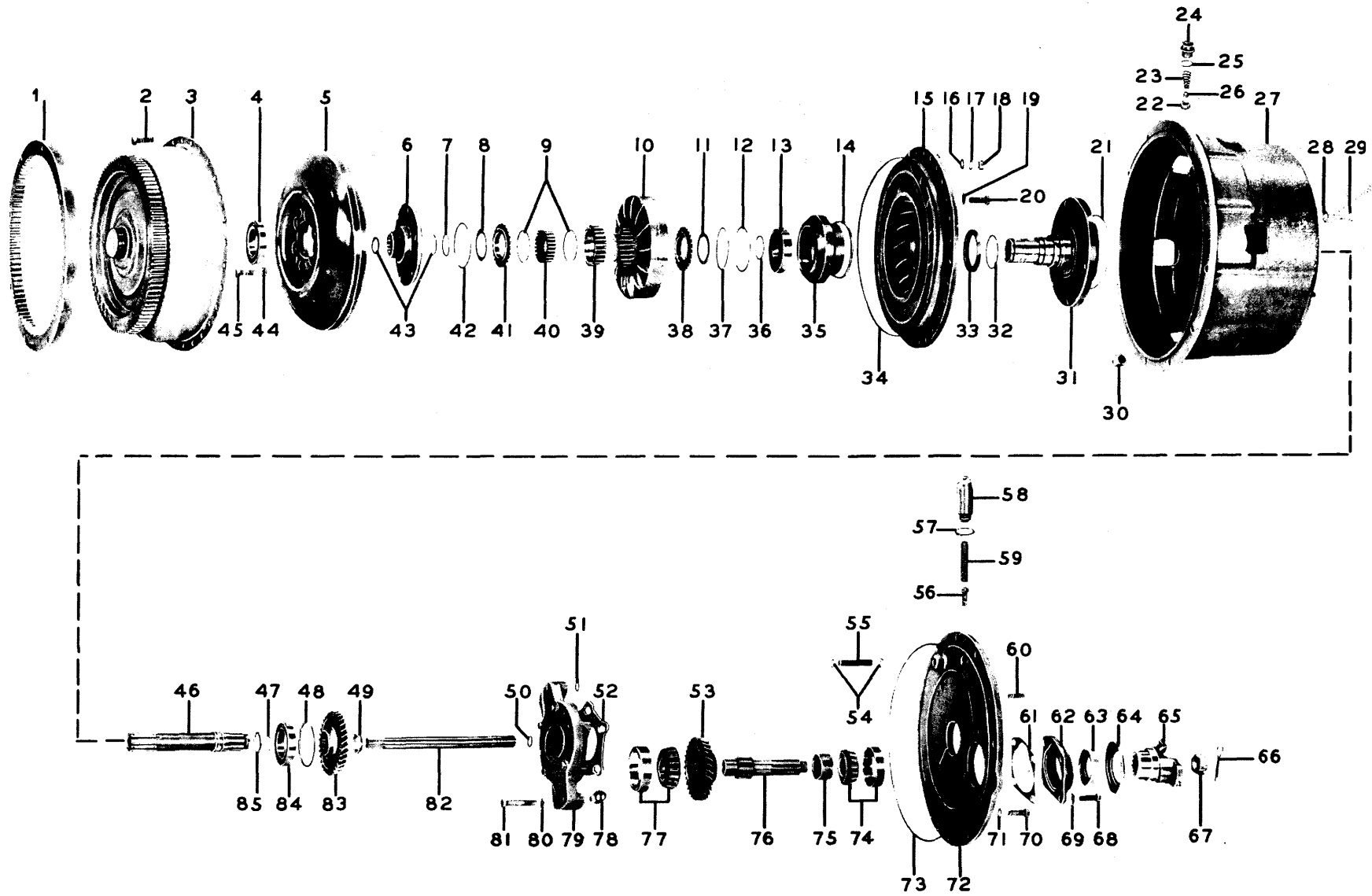
Whenever parts are required for a cab, always determine manufacturer by checking serial number plate. Cab listings herein are separated by manufacturer.

**ORRVILLE METAL SPECIALTY CABS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	551719	CAB ASSEMBLY (Inc. 1 thru 60) .....	1	32	1C-516	BOLT, Plate Retaining .....	4
1	(See 61)	GLASS PATTERN, Upper Door .....	2	33	943565	PLATE, Door Hinge Bearing .....	1
2	940413	WEATHERSTRIP, Upper Door Glass .....	2	34	943619	BEARING, Door Hinge .....	1
3	943589	DOOR, R.H. Panel .....	1	35	943620	ARM, Door Hinge .....	1
4	940477	WEATHERSEAL, Curved Roof Glass .....	1	36	4E-05	LKWSHR .....	5
5	*940350	GLASS, Curved Roof .....	1	37	1C-512	BOLT, Bearing Retaining .....	1
6	(See A)	CAB .....	1	38	1C-520	SCREW, Door Hinge Arm .....	2
7	940415	WEATHERSTRIP, Quarter Panel Glass .....	2	39	1D-05	NUT, Door Hinge Arm .....	6
8	(See 61)	GLASS PATTERN, Quarter Panel .....	2	40	4E-05	LKWSHR, Door Hinge Arm .....	5
9	940438	WING BOLT, Throwout Arm .....	2	41	940416	STOP, L.H. Door .....	1
10	943601	HINGE CHANNEL, Rear Windshield .....	1	42	943586	DOOR, L.H. Panel .....	1
11	943604	HINGE, Upper Rear Windshield .....	1	43	1C-510	BOLT, Door Hinge Arm .....	4
12	943607	EVERSEAL, Upper Rear Windshield .....	1	44	943622	LOCK BOLT, R.H. Door .....	1
13	12D-10	NUT, Hinge Bolt .....	5	45	940409	WEATHERSTRIP, Windshield .....	1
14	3G-1010	SCREW, Hinge .....	5	46	(See 61)	GLASS PATTERN, Windshield .....	1
15	18G-1008	SCREW, Hinge Channel to Cab .....	2	47	940414	WEATHERSTRIP, Lower Door Glass .....	2
16	943598	WEATHERSEAL, Upper Rear Windshield .....	1	48	(See 61)	GLASS PATTERN, Lower Door .....	2
17	(See 61)	GLASS PATTERN, Rear Windshield .....	1	49	943592	WINDSHIELD ASSY, Rear (Inc. 15 thru 25) .....	1
18	943610	WEATHERSEAL, Rear Windshield Sides & Bottom .....	1	50	2C-824	†BOLT, Cab to Frame .....	4
19	943613	FRAME, Rear Windshield .....	1	51	2C-828	†BOLT, Cab Hinge to Frame .....	2
20	24D-04	NUT, Throwout Arm to Bracket .....	2	52	2D-08	†NUT, Cab & Hinge to Frame .....	6
21	621739	WASHER, Throwout Arm Spacer .....	2	53	4E-08	†LKWSHR, Cab & Hinge to Frame .....	6
22	940434	BRACKET, Throwout Arm .....	2	54	2C-616	†BOLT, Cab to Front Shroud .....	4
23	3G-1016	SCREW, Throwout Arm Bracket .....	4	55	2D-06	†NUT, Cab to Front Shroud .....	4
24	940436	ARM, Rear Windshield Throwout .....	2	56	4E-06	†LKWSHR, Cab to Front Shroud .....	4
25	4G-408	SCREW, Throwout Arm to Bracket .....	2	57	943967	†SPONGE, Lower Door Opening .....	2
26	4E-04	LKWSHR, Throwout Arm Bracket .....	2	58	943970	†SPONGE, Upper Door Opening .....	2
27	12D-10	NUT, Throwout Arm Bracket .....	2	59	943973	†SPONGE, Rear Window Upper Corner .....	2
28	943616	WEATHERSEAL, Rear Windshield Sides & Bottom .....	1	60	943974	†SPONGE, Rubber Cowl Top .....	1
29	940437	BRACKET, Throwout Arm .....	2	61	943860	GLASS PATTERN KIT, Cab Glass (Inc. 1, 8, 17, 46, 48) .....	1
30	12D-10	NUT, Throwout Arm Bracket .....	4	62	944017	DOOR ASSY - R.H. (Inc. 1, 2, 3, 44, 47, 48) .....	1
31	3G-1010	SCREW, Throwout Arm Bracket .....	4	63	944016	DOOR ASSY - L.H. (Inc. 1, 2, 41, 42, 47, 48) .....	1

\*For 75 Series and 85A Cabs Serial 0-1 to 0-50 use 940406.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TORQUE CONVERTER ASSEMBLY

TS-3608-P-83-56

**TORQUE CONVERTER ASSEMBLY**

Item No.	Description	No. Req'd.	1 (C-75-1)	2 (C-75-2)	3 (C-75-3)	4 (C-75-6)
A	CONVERTER ASSY (Inc. 1, 2 thru 88)	1	See Note "A"	See Note "A"	See Note "A"	280101
1	GEAR, Converter Drive	1	See Note "B"	See Note "B"	See Note "B"	215264
1A	BOLT, Drive Gear to Flywheel	8	224795			
1B	WASHER, Drive Gear to Flywheel	8	215909			
2	BOLT, Impeller to Drive Disc	30	2C-618			
3	DISC, Converter Drive	1	See Note "B"	See Note "B"	See Note "B"	220483
4	BEARING, Drive Disc Hub	1	223358			
5	TURBINE, Converter	1	*800949	*800949	209332	209332
6	HUB, Turbine	1	209688	209688	209333	209333
7	RING, Thrust Washer Retaining	1	224028			
8	WASHER, End Plate Thrust	1	209319			
9	SPRING, Sprag	2	209948			
10	MEMBER, Reaction	1	209321			
11	WASHER, End Plate Thrust	1	209320			
12	RING, Hub Bearing Retaining	1	223859			
13	BEARING, Impeller Hub	1	223358			
14	"O" RING, Impeller to Hub	1	25K-40508			
15	IMPELLER, Converter	1	209311			
16	WASHER, Impeller to Drive Disc	30	619023			
17	LKWSHR, Impeller to Drive Disc	30	6E-06			
18	NUT, Impeller to Drive Disc	30	2D-06			
19	WASHER, Impeller to Hub	6	619023			
20	BOLT, Impeller to Hub	6	209313			
21	"O" RING, Converter Support	1	25K-40600			
22	§SEAT, Pressure Relief Ball	1	SEE 87			

NOTE "A": For complete replacement of converter listed in columns 1, 2 and 3 use 280101 converter plus parts listed below. If drive gear bolt circle on present flywheel is 13 1/8" flywheel does not have to be changed.

1 - 941318	FLYWHEEL (Gas powered)	8 - 224795	BOLT, Drive Gear to Flywheel
1 - 941319	FLYWHEEL (Diesel powered)	8 - 215909	WASHER, Drive Gear to Flywheel

NOTE "B": Use 940548 Kit for Gas Powered and 940549 Kit for Diesel Powered Units. These kits include necessary parts to convert converter disc, converter drive and driven gears and flywheel to latest design identified by 13 1/8" bolt circle on converter drive gear. After conversion has been made use column 4 when subsequent replacement of these items are required.

\*NOTE: 800949 Turbine Kit includes 1 - 209332 Turbine, 1 - 209333 Hub, 6 - 619023 Washer and 6 - 209313 Bolt. For subsequent replacement of these parts use column 4.

§Not Sold Separately

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**TORQUE CONVERTER ASSEMBLY (Continued)**

Item No.	Description	No. Req'd.	1 (C-75-1)	2 (C-75-2)	3 (C-75-3)	4 (C-75-6)
23	SPRING, Pressure Relief	1	209188			
24	PLUG, Oil Cooler Line	1	208783			
25	SEAL, Cooler Line Plug	1	221023			
26	BALL, Pressure Relief	1	10J-16			
27	HOUSING, Converter	1	SEE 87			
28	LKWSHR, Support to Housing	6	6E-08			
29	BOLT, Support to Housing	6	2C-820			
30	PLUG, Filler	1	13F-12			
31	SUPPORT, Converter	1	220706			
32	RING, Support Oil	1	209307			
33	SEAL, Support Oil	1	209778			
34	"O" RING, Impeller to Drive Disc	1	214939			
35	HUB, Impeller	1	209775	209775	209782	209782
36	RING, Hub Bearing Locating	1	224075			
37	RING, End Plate Retaining	1	223860			
38	PLATE ASSY, Overrunning Clutch End (Inc. Bushing)	1	209316			
39	RACE, Overrunning Clutch Outer	1	209315			
40	CLUTCH ASSY, Overrunning (Inc. 9)	1	209314			
41	PLATE ASSY, Overrunning Clutch End (Inc. Bushing)	1	209316			
42	RING, End Plate Retaining	1	223860			
43	RING, Turbine Hub Retaining	2	224033			
44	WASHER, Turbine to Hub	6	619023			
45	BOLT, Turbine to Hub	6	209313			
46	SHAFT, Main Gear Drive (Inc. 49A, 49B)	1	800968			
47	RING, Bearing Retaining	1	224043			
48	‡RING, Bearing Locating (.088 to .090)	—	223947			
48A	‡RING, Bearing Locating (.091 to .093)	—	223948			
48B	‡RING, Bearing Locating (.094 to .096)	—	223949			
48C	‡RING, Bearing Locating (.097 to .099)	—	223950			
49	NUT, Main Drive Gear	1	207949	For use with 224091 Shaft		
49A	NUT, Main Drive Gear	1	221074	For use with 221073 Shaft		
49B	†WASHER, Main Drive Gear	1	221075	For use with 221073 Shaft		
50	RING, Pump Shaft Sealing	1	209781			
51	"O" RING, Converter Pump	1	25K-30020			
52	GASKET, Converter Pump	1	220701			
53	GEAR, Output Shaft	1	209336			

†Not Illustrated

‡As Required

§Not Sold Separately

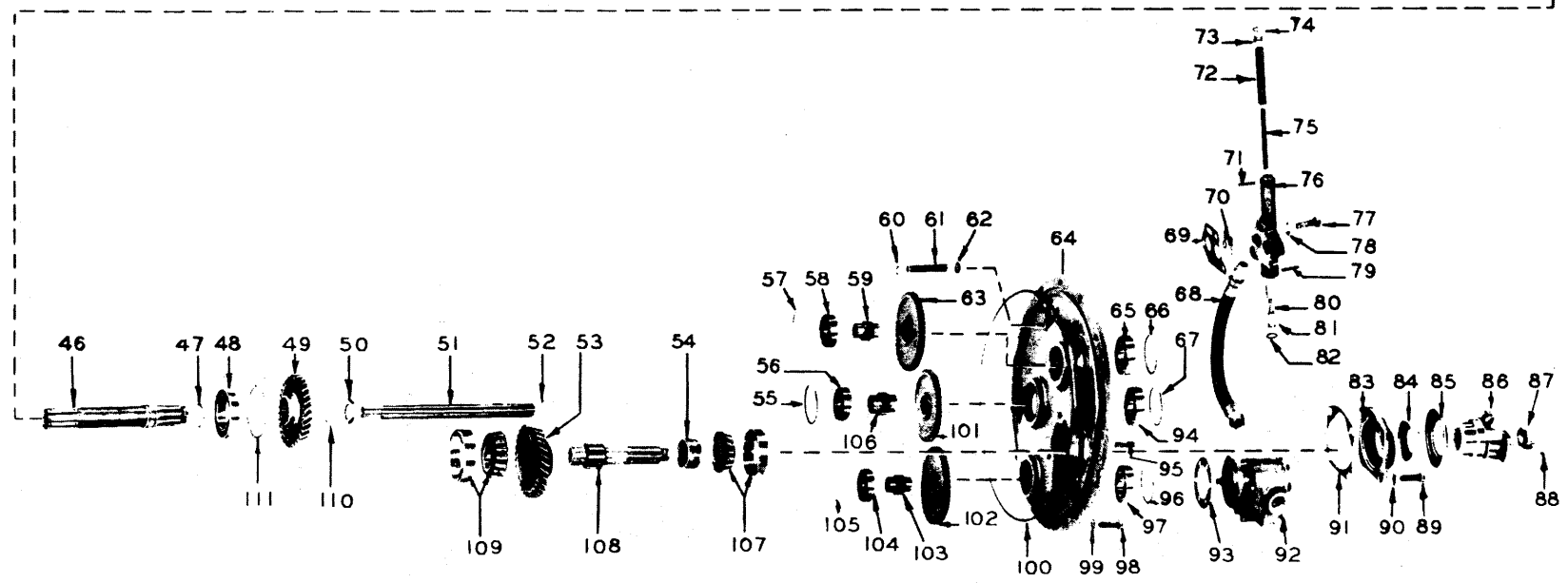
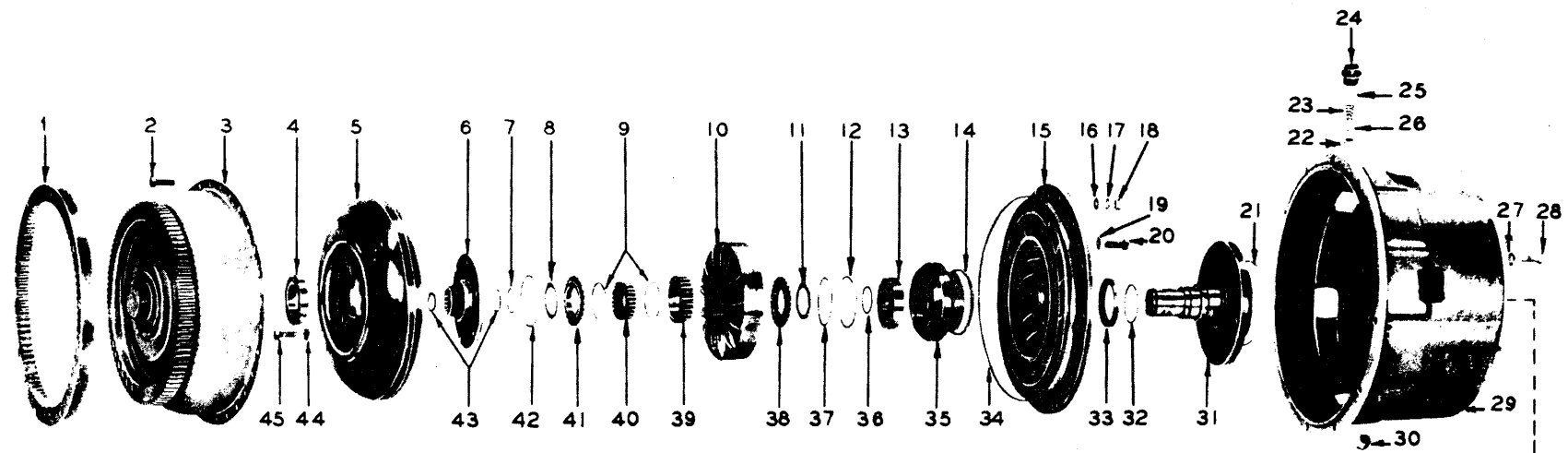
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**TORQUE CONVERTER ASSEMBLY (Continued)**

Item No.	Description	No. Req'd.	1 (C-75-1)	2 (C-75-2)	3 (C-75-3)	4 (C-75-6)
54	"O" RING, Oil Tube	2	25K-30016	25K-30018	25K-30018	25K-30018
55	TUBE, Cover to Case Oil	1	209338	209869	209869	209869
56	VALVE, Pressure Regulator	1	209815			
57	SEAL, Pressure Regulator Plug	1	209818			
58	PLUG, Pressure Regulator	1	209817			
59	SPRING, Pressure Regulator	1	209816			
60	STUD, Main Pump Mounting	6	205096			
61	‡SHIM, Bearing Cap (.004)	—	209340			
61A	‡SHIM, Bearing Cap (.007)	—	209341			
61B	‡SHIM, Bearing Cap (.010)	—	209342			
62	CAP, Output Shaft Bearing	1	209339			
63	SEAL, Output Shaft Oil	1	206864			
64	DEFLECTOR, Output Flange	1	100949			
65	FLANGE ASSY, Output (Inc. 64)	1	209343			
66	COTTER, Flange Nut	1	1F-432			
67	NUT, Output Shaft Flange	1	201951			
68	BOLT, Bearing Cap	4	1C-720			
69	LKWSHR, Bearing Cap	4	4E-07			
70	BOLT, Cover to Housing	12	1C-720			
71	LKWSHR, Cover to Housing	12	4E-07			
72	§COVER, Housing	1	SEE 87			
73	"O" RING, Cover	1	209294			
74	CUP, Output Shaft Bearing	1	675544			
74A	CONE, Output Shaft Bearing	1	675547			
75	SPACER, Output Shaft Gear	1	209337			
76	SHAFT, Output	1	209334			
77	CUP, Output Shaft Bearing	1	675544			
77A	CONE, Output Shaft Bearing	1	675547			
78	GASKET, Converter Pump	2	220699			
79	PUMP ASSY, Converter (Inc. 51, 52, 78)	1	940384			
80	LKWSHR, Pump to Cover	6	6E-06			
81	BOLT, Pump to Cover	6	1C-636			
82	SHAFT, Oil Pump	1	209779			
83	GEAR, Main Drive	1	220492			
84	BEARING, Main Drive Gear	1	658016			
85	RING, Drive Gear Shaft Oil	1	209304			
86	PLUG, Drain -- Magnetic	1	215757			
87	HOUSING & COVER ASSY (Inc. 22, 27, 70, 71, 72)	1	800655			
88	‡DOWEL, Housing to Cover	1	102381			
89	‡BOLT, Converter to Flywheel Housing	12	1C-620			
90	‡LKWSHR, Converter to Flywheel Housing	12	4E-06			

‡As Required  
†Not Illustrated  
§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TORQUE CONVERTER ASSEMBLY

TS-3609-P-87-56

**TORQUE CONVERTER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	280453	CONVERTER ASSY, C-303-1 (Inc. 1, 2 thru 116)	1	29C	4E-04	†LKWSHR, Housing Cover Attaching	4
1	215264	GEAR, Converter Drive	1	29E	1C-620	†BOLT, Housing to Flywheel Housing	12
1A	224795	†BOLT, Drive Gear to Flywheel	8	29F	4E-06	†LKWSHR, Housing to Flywheel Hsg.	12
1B	215909	†WASHER, Drive Gear to Flywheel	8	30	215757	PLUG, Drain — Magnetic	1
2	2C-618	BOLT, Impeller to Drive Disc	30	31	220706	SUPPORT, Converter	1
3	220483	DISC, Converter Drive	1	32	209307	RING, Converter Support Oil	1
4	223358	BEARING, Drive Disc	1	33	209778	SEAL, Converter Support Oil	1
5	220507	TURBINE, Converter	1	34	214939	"O" RING, Impeller to Drive Disc	1
6	220493	HUB, Turbine	1	35	209782	HUB, Impeller	1
7	224028	RING, Washer Retaining	1	36	224075	RING, Impeller Hub Bearing Locating	1
8	209319	WASHER, End Plate Thrust	1	37	223967	RING, End Plate Retaining	1
9	209948	SPRING, Sprag Group	2	38	220480	PLATE ASSY, Overrunning Clutch End (Inc. Bushing)	1
10	220488	MEMBER, Converter Reaction	1	39	220479	OUTER RACE, Overrunning Clutch	1
11	209320	WASHER, End Plate Thrust	1	40	221947	CLUTCH ASSY, Overrunning (Inc. 9)	1
12	223859	RING, Impeller Hub Bearing Ret.	1	41	220480	PLATE ASSY, Overrunning Clutch End (Inc. Bushing)	1
13	223358	BEARING, Impeller Hub	1	42	223967	RING, End Plate Retaining	1
14	25K-40508	"O" RING, Impeller Hub	1	43	224033	RING, Turbine Hub Retaining	2
15	209311	IMPELLER, Converter	1	44	619023	WASHER, Turbine to Hub	8
16	619023	WASHER, Impeller to Drive Disc	30	45	209313	BOLT, Turbine to Hub	8
17	6E-06	LKWSHR, Impeller to Drive Disc	30	46	221073	SHAFT, Main Drive Gear	1
18	2D-06	NUT, Impeller to Drive Disc	30	47	209304	RING, Main Drive Shaft Oil	1
19	619023	WASHER, Impeller to Hub	6	48	658016	BEARING, Main Drive Gear	1
20	209313	BOLT, Impeller to Hub	6	49	220492	GEAR, Main Drive (33T)	1
21	25K-40600	"O" RING, Converter Support	1	50	221074	NUT, Main Drive Gear Retaining	1
22	208788	SEAT, By-Pass Ball	1	51	209779	SHAFT, Oil Pump	1
23	209188	SPRING, Pressure Relief	1	52	209781	RING, Oil Pump Shaft Sealing	1
24	220847	FITTING, By-Pass	1	53	209336	GEAR, Output Shaft	1
25	221023	SEAL, By-Pass Fitting	1	54	209337	SPACER, Output Shaft Gear	1
26	10J-16	BALL, Pressure Relief	1	55	223863	RING, Hub Bearing Retaining	1
27	6E-08	LKWSHR, Support to Housing	6	56	743458	BEARING, Drive Gear Hub	1
28	2C-820	BOLT, Support to Housing	6	57	223981	RING, Hub Bearing Retaining	1
29	222344	HOUSING ASSY, Converter (Inc. 22)	1	58	860668	BEARING, Driven Gear Hub	1
29A	221007	†COVER, Housing Inspection	2	59	220987	HUB, Pump Driven Gear	1
29B	1C-406	†BOLT, Housing Cover Attaching	4	60	25K-30018	"O" RING, Oil Cross Over Tube	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**TORQUE CONVERTER ASSEMBLY (Continued)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
61	209869	TUBE, Oil Cross Over	1	92	-----	CONVERTER PUMP — See Index	1
62	25K-30018	"O" RING, Oil Cross Over Tube	1	93	551906	GASKET, Pump to Converter	1
63	221082	GEAR, Oil Pump Driven	1	94	743458	BEARING, Drive Gear Hub	1
64	221072	COVER, Converter Housing	1	95	207647	STUD, Pump to Converter	6
65	860668	BEARING, Driven Gear Hub	1	96	223981	RING, Hub Bearing Retaining	1
66	223981	RING, Hub Bearing Retaining	1	97	860668	BEARING, Driven Gear Hub	1
67	223863	RING, Hub Bearing Retaining	1	98	1C-720	BOLT, Cover to Housing	12
68	221084	HOSE, Pump to Valve	1	99	4E-07	LKWSHR, Cover to Housing	12
69	220978	GASKET, Valve to Converter	1	100	209294	"O" RING, Cover to Housing	1
70	25K-40024	"O" RING, Valve to Converter	1	101	221080	GEAR, Pump Drive (46T)	1
71	660178	PIN, Piston Stop Retaining	1	102	221082	GEAR, Pump Driven (43T)	1
72	220981	SPRING, Regulator Valve—Outer	1	103	220987	HUB, Pump Driven Gear	1
73	220983	STOP, Regulator Valve	1	104	860668	BEARING, Driven Gear Hub	1
74	25K-30018	"O" RING, Valve Stop	1	105	223981	RING, Hub Bearing Retaining	1
75	220982	SPRING, Regulator Valve—Inner	1	106	221081	HUB, Pump Drive Gear	1
76	801067	VALVE ASSY, Pressure Regulator (Inc. 69 thru 75, 79 thru 82)	1	107	675544	CUP, Output Shaft Bearing	1
77	1C-820	BOLT, Valve to Converter—Short	2	107A	675547	CONE, Output Shaft Bearing	1
77A	1C-840	BOLT, Valve to Converter—Long	1	108	209334	SHAFT, Output	1
78	4E-08	LKWSHR, Valve to Converter	3	109	675544	CUP, Output Shaft Bearing	1
79	660178	PIN, Piston Stop Retaining	1	109A	675547	CONE, Output Shaft Bearing	1
80	-----	§PISTON, Valve — See 76	1	110	221075	WASHER, Main Drive Gear Nut	1
81	220983	STOP, Regulator Valve	1	111		RING, M. D. Gear Bearing Locating	
82	25K-30018	"O" RING, Valve Stop	1	111A	223947	‡RING — .088 to .090	—
83	221076	CAP, Output Shaft Bearing	1	111B	223948	‡RING — .091 to .093	—
84	206864	SEAL, Output Shaft Oil	1	111C	223949	‡RING — .094 to .096	—
85	100949	DEFLECTOR, Output Flange	1	111D	223950	‡RING — .097 to .099	—
86	209343	FLANGE ASSY, Output (Inc. 85)	1	112	224043	†RING, M. D. Gear Bearing Retaining	1
87	201951	NUT, Output Shaft Flange	1	113	220979	†DOWEL, Cover to Housing	1
88	1F-432	COTTER, Flange Nut	1	114	221083	†SPACER, Drive Gear Bearing	1
89	1C-720	BOLT, Bearing Cap	4	115	659041	†RING, Oil Pump Shaft Retaining	1
90	4E-07	LKWSHR, Bearing Cap	4	116	89F-7	†CONNECTOR, Hydraulic Tube	1
91		SHIM, Output Shaft Bearing Cap		117	800880	HOUSING & COVER ASSY (Inc. 22, 29, 64, 98, 99, 100, 113)	1
91A	221077	‡SHIM — .004"	—	118	800881	MEMBER & RACE ASSY (Inc. 10, 37, 38, 39)	1
91B	221078	‡SHIM — .007"	—				
91C	221079	‡SHIM — .010"	—				

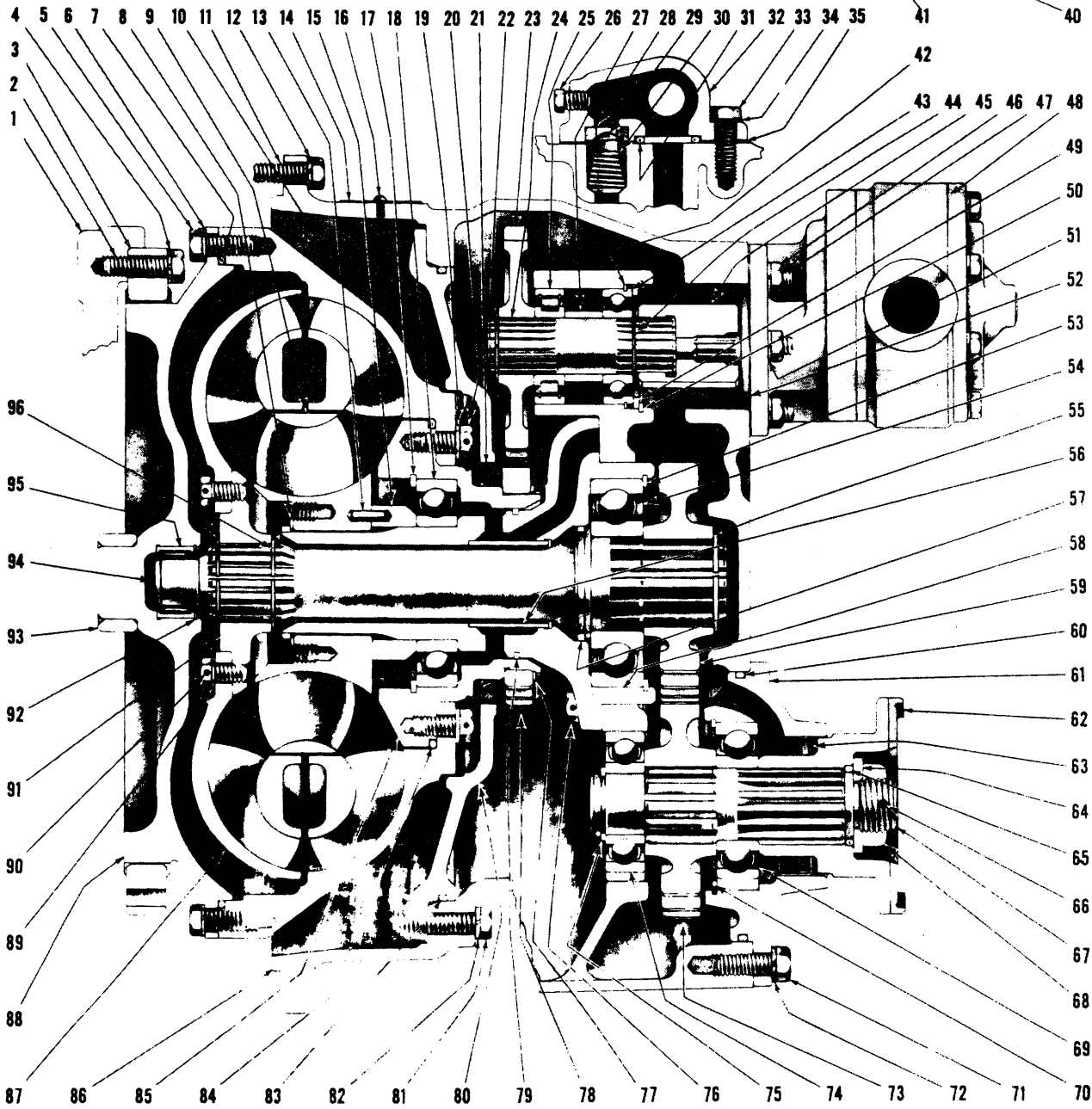
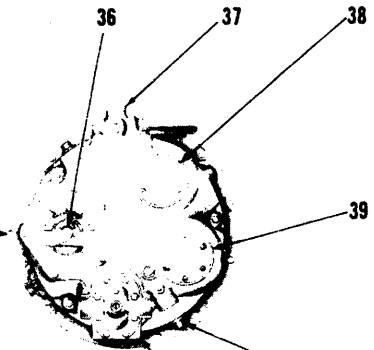
§Not Sold Separately  
 †Not Illustrated  
 ‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





REAR VIEW OF CONVERTER



TORQUE CONVERTER ASSEMBLY - 75A

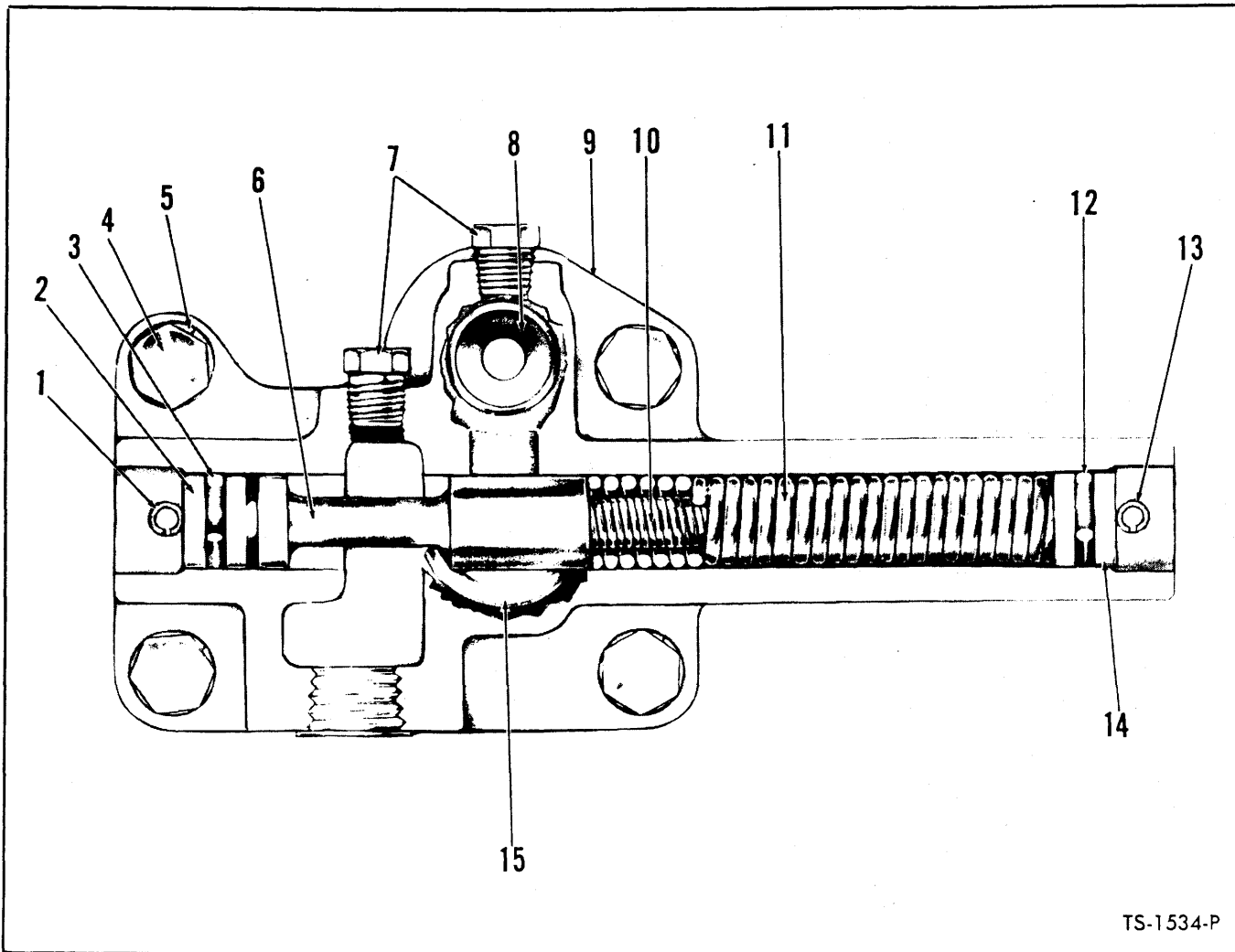
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**TORQUE CONVERTER ASSEMBLY - 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	281022	CONVERTER ASSY (C-272-2) (Inc. 3, 5 thru 96)	1	50	713186	RING, Washer Retaining	3
1	-----	FLYWHEEL, Engine	—	51	4E-06	LKWSHR, Pump Stud	6
2	224795	BOLT, Drive Gear to Flywheel	8	52	551906	GASKET, Pump Mounting	1
3	215264	GEAR, Converter Drive	1	53	214953	RING, Bearing Retaining	1
4	215909	WASHER, Drive Gear to Flywheel	8	54	742002	BEARING, Turbine Shaft	1
5	1C-616	BOLT, Impeller to Drive Disc	24	55	224026	RING, Gear Retaining	1
6	4E-06	LKWSHR, Impeller to Drive Disc	24	56	-----	§SLEEVE, Stator Support (See 58)	—
7	214939	"O" RING, Impeller to Drive Disc	1	57	222079	RING, Turbine Shaft Sealing	1
8	743035	RING, Reaction Member Retaining	1	58	214932	SUPPORT ASSY (Inc. 56)	1
9	801607	MEMBER, Reaction	1	59	214935	GEAR, Turbine Shaft	1
10	214920	IMPELLER	1	60	25K-40512	"O" RING, Bearing Retainer	1
11	1C-620	BOLT, Converter to Engine	12	61	214945	RETAINER, Bearing	1
12	4E-06	LKWSHR, Converter to Engine	12	62	214940	FLANGE, Companion	1
13	658244	PIN, Spacer to Reaction Member Lock	1	63	206864	SEAL, Oil	1
14	220725	PLATE, Name	1	64	102745	WASHER, Output Shaft	1
15	214934	SPACER, Reaction Member	1	65	25K-40112	"O" RING, Companion Flange	1
16	207873	SCREW, Name Plate Drive	2	66	1F-424	COTTER, Output Shaft	1
17	214953	RING, Hub Bearing Retaining	1	67	214937	SHAFT, Output	1
18	214596	BEARING, Impeller Hub	1	68	201951	NUT, Output Shaft	1
19	619025	WASHER, Hub to Impeller Bolt	8	69	743439	BEARING, Output Shaft Rear	1
20	4C-714	BOLT, Hub to Impeller	8	70	223901	RING, Bearing Retaining	1
21	214941	SEAL, Oil Baffle	1	71	1C-720	BOLT, Bearing Retainer	3
22	711298	RING, Gear Retaining	3	71A	214730	STUD, Bearing Retainer	2
23	214931	GEAR, Pump Drive (39T)	3	71B	8D-07	NUT, Bearing Retainer	2
24	214928	SHAFT, Pump Drive	3	72	4E-07	LKWSHR, Bearing Retainer	5
25	214936	BEARING, Pump Drive Shaft	3	73	214938	GEAR, Output Shaft	1
26	40K-02	PLUG, Valve Housing	2	74	742056	BEARING, Output Shaft Front	1
27	214930	SPACER, Pump Shaft	3	75	214955	RING, Bearing Retaining	1
28	214946	SEAT, Safety Valve	1	76	3C-820	BOLT, Support	6
29	222318	PLUNGER, Safety Valve	1	77	224009	RING, Gear Retaining	1
30	222312	SPRING, Safety Valve	1	78	214951	GEAR, Impeller Hub (41-T)	1
31	25K-40104	"O" RING, Valve to Converter	1	79	221653	RING, Sealing	1
32	-----	REGULATOR VALVE ASSY (Same as Item 37)	—	80	214925	BAFFLE, Oil	1
33	1C-616	BOLT, Valve Body	4	81	1C-628	BOLT, Oil Baffle	3
34	4E-06	LKWSHR, Valve Body	4	82	4E-06	LKWSHR, Oil Baffle	3
35	214949	GASKET, Valve to Converter	1	83	214939	"O" RING, Oil Baffle	1
36	-----	SHAFT, Output (See 67)	—	84	25K-40616	"O" RING, Impeller Hub	1
37	-----	VALVE ASSY, Pressure Regulator (See Index)	—	85	214923	HUB, Impeller	1
38	-----	PAD, Steering Pump Mounting	—	86	801546	HOUSING, Converter	1
39	-----	PAD, Main Pump Mounting	—	86A	14F-08	†PLUG, Pipe	1
40	13F-16	PLUG, Pipe	4	86B	40K-02	†PLUG, Pipe	1
41	-----	PUMP, Conv. Charging (See Index)	—	86C	13F-20	†PLUG, Pipe	1
42	214954	RING, Bearing Retaining	3	87	222684	TURBINE	1
43	214956	BEARING, Shaft	3	88	214922	DISC, Converter Drive	1
44	224039	RING, Bearing Retaining	3	89	619023	WASHER, Turbine Hub Bolt	8
45	214961	SLEEVE, Pump Drive Adapter	1	90	209313	BOLT, Turbine to Hub	8
46	8D-06	NUT, Pump Stud	6	91	214924	HUB, Turbine	1
47	207647	STUD, Pump	6	92	666542	RING, Bearing Retaining	1
48	-----	PUMP, Conv. Charging (See Index)	—	93	222006	SLEEVE	1
49	214929	WASHER, Pump Shaft	3	94	214933	SHAFT, Turbine	1
				95	214988	BEARING, Impeller Cover	1
				96	659065	RING, Turbine Hub Retaining	2

§Not Sold Separately  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



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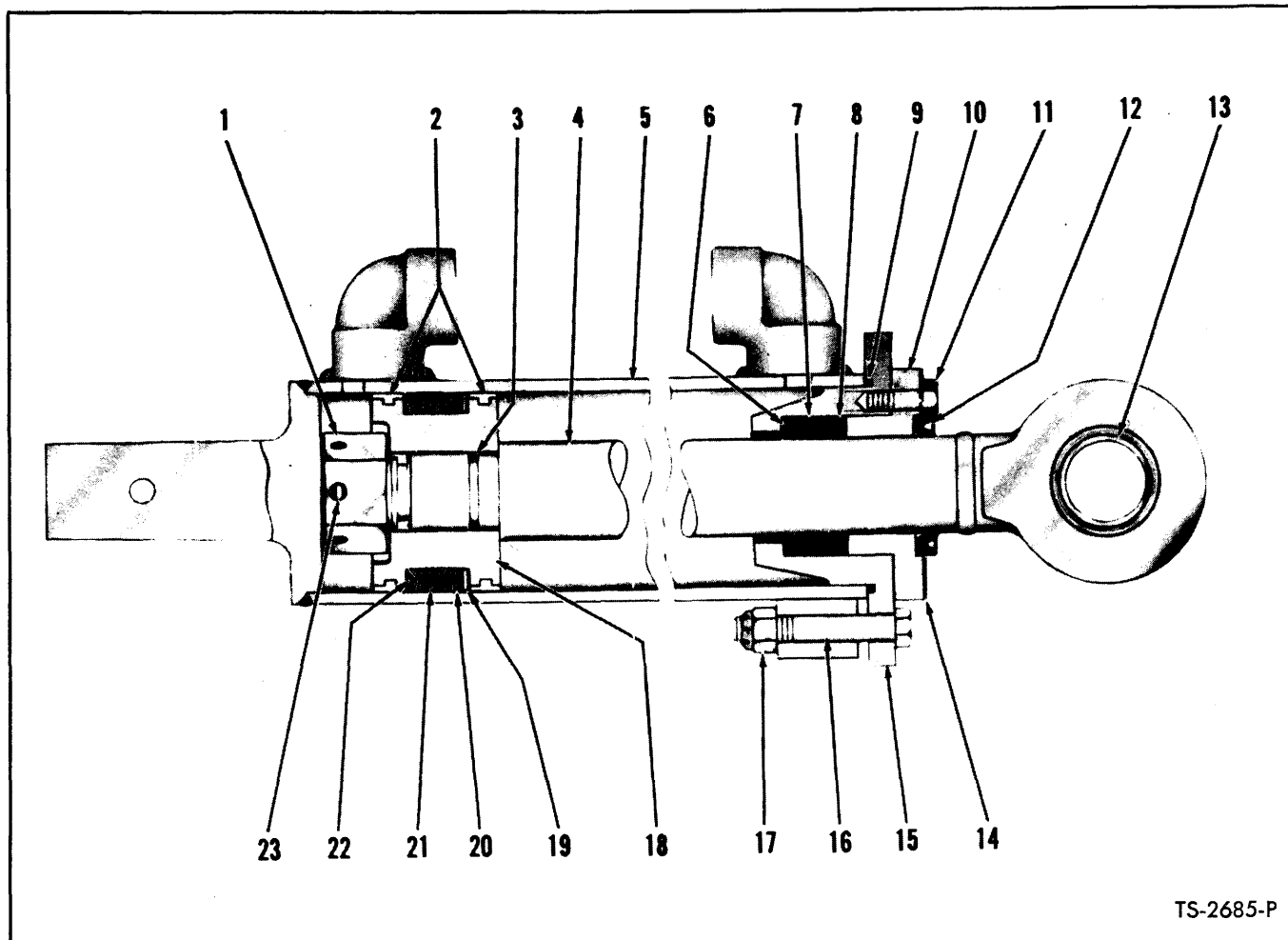
**PRESSURE REGULATOR VALVE ASSEMBLY**

For Serial: GAS-1CA3419 and thereafter; DIESEL-1CB969 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	801548	VALVE ASSY, Pressure Regulator (Inc. 1 thru 3, 6, 8 thru 16)	1	9	-----	§ BODY, Valve (See Item 16).....	—
1	660178	PIN, Piston Stop	1	10	220981	SPRING, Valve - Inner.....	1
2	220983	STOP, Piston	1	11	220982	SPRING, Valve - Outer.....	1
3	25K-30018	"O" RING, Piston Stop	1	12	25K-30018	"O" RING, Piston Stop.....	1
4	1C-616	BOLT, Valve to Converter	4	13	660178	PIN, Piston Stop.....	1
5	4E-06	LKWSHR, Valve to Converter	4	14	220983	STOP, Piston.....	1
6	-----	§PISTON, Valve (See Item 16)	—	15	25K-40104	"O" RING, Valve to Converter.....	1
7	40K-02	PLUG, Valve Housing Pipe	2	16	214949	†GASKET, Valve to Housing.....	1
8	214946	SEAT, Safety Valve	1				

‡Not Illustrated  
§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2685-P

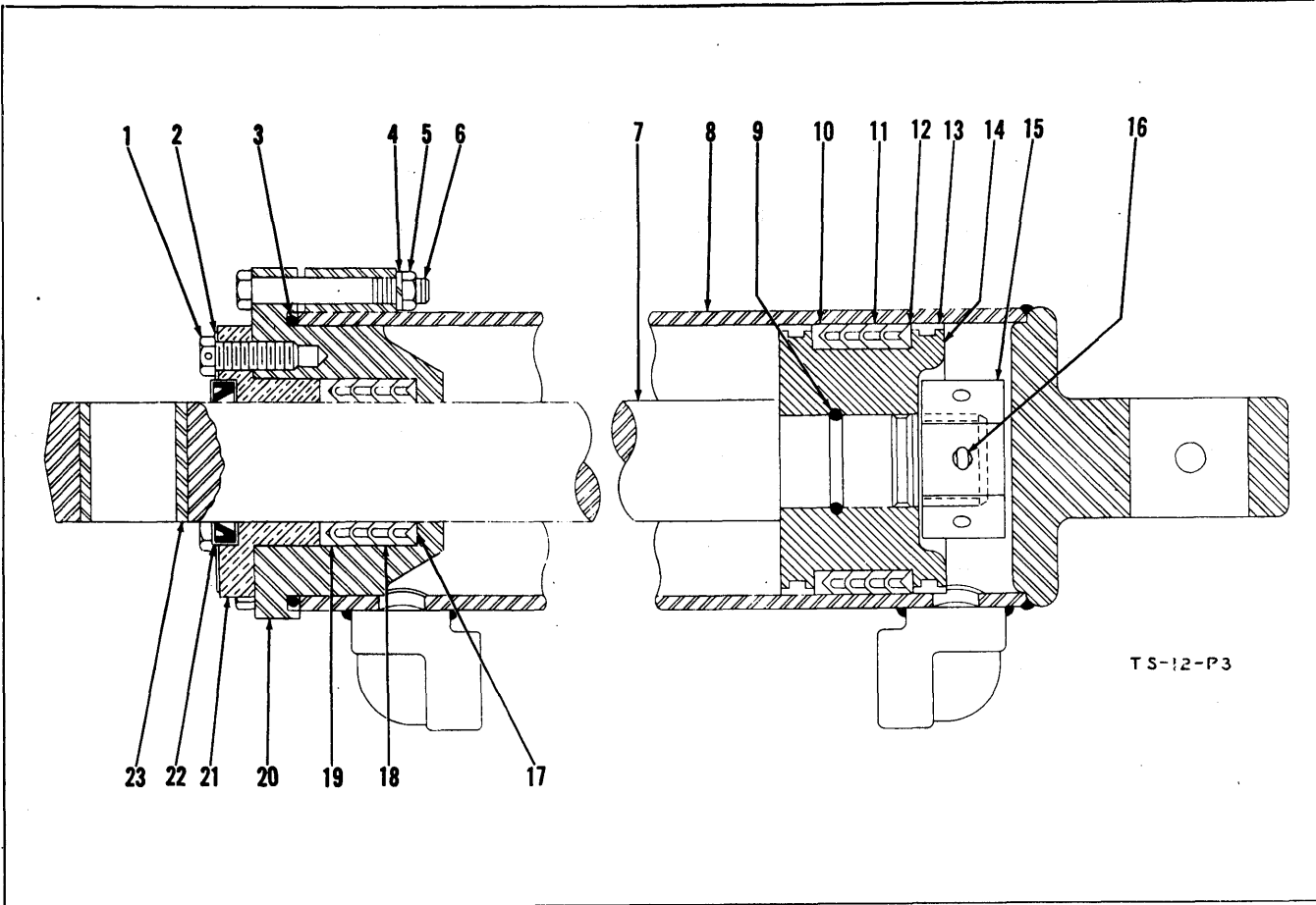
**BOOM CYLINDER ASSEMBLY**

2 cylinders used on machine – Quantities indicated below are for 1 cylinder

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	551991	CYLINDER ASSY (Inc. 1 thru 23)	1	12	550088	WIPER, Piston Rod	1
1	551605	NUT, Piston Rod	1	13	550066	BUSHING, Piston Rod	1
2	550081	RING, Piston Wear	2	14	550089	RETAINER, Piston Rod Wiper	1
3	25K-40112	"O" RING, Piston Rod	1	15	550085	CAP, Cylinder	1
4	550083	ROD ASSY, Piston (Inc. 14)	1	16	2C-856	BOLT, Cylinder Cap	4
5	551992	CYLINDER	1	17	18D-08	NUT, Cylinder Cap	4
6	552487	ADAPTER, Male Chevron Packing	1	18	550080	PISTON	1
7	531615	PACKING SET, Cylinder Cap	1	19	514743	‡SHIM, Piston Packing	1
8	552486	ADAPTER, Female Chevron Packing	1	20	514741	ADAPTER, Female Chevron Packing	2
9	25K-40416	"O" RING, Cylinder Cap	1	21	531596	PACKING SET, Piston	1
10	550087	GLAND, Packing	1	22	514740	ADAPTER, Male Chevron Packing	2
11	4C-616	BOLT, Retainer & Gland	4	23	1F-648	COTTER, Piston Rod Nut	1

‡As Required

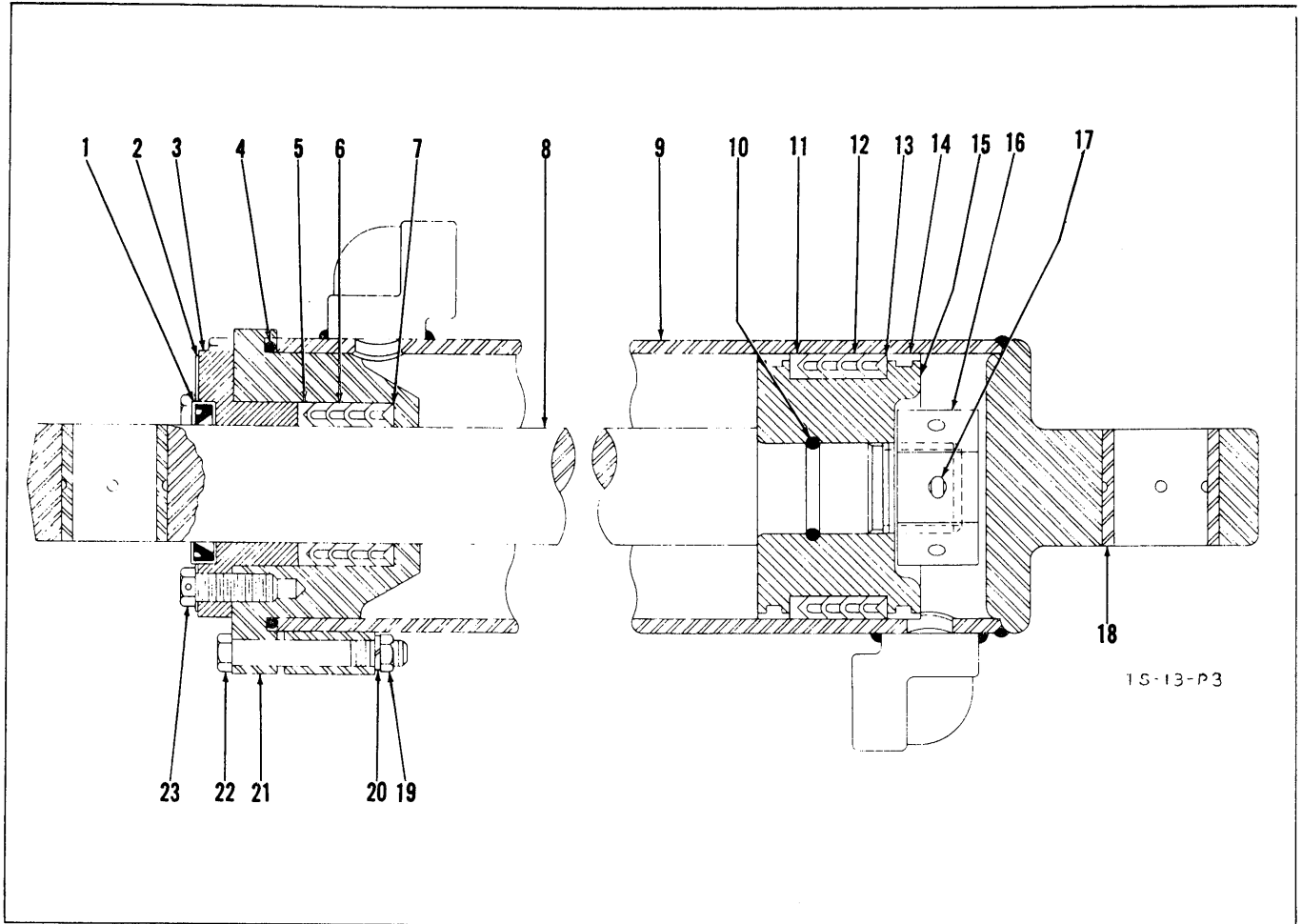
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**BOOM CYLINDER ASSEMBLY**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	551991	Boom Cylinder Ass'y. (Inc. 1 thru 23)	2	16	1F-648	Cotter, Piston Rod Nut	2
1	4C-616	Bolt, Retainer	8	17	552487	"V" Ring, Chevron Packing Adaptor	2
1A	550099	Lockwire, Retainer Bolt	2	18	531615	Packing, Chevron	8
2	550089	Retainer, Piston Rod Wiper	2	19	552486	"T" Ring, Chevron Packing Adaptor	2
3	25K-40416	"O" Ring, Cylinder Cap	2	20	550085	Cap, Cylinder	2
4	4E-08	Lkwshr, Cylinder Cap	8	21	550087	Packing Gland	2
5	2D-08	Nut, Cylinder Cap	8	22	550088	Wiper, Piston Rod	2
6	18C-852P	Bolt, Cylinder Cap	8	23	550066	Bushing, Piston Rod	2
7	550083	Piston Rod Ass'y. (Inc. 23)	2				
8	551992	Boom Cylinder	2				
9	25K-40112	"O" Ring, Piston Rod	2				
10	514741	"T" Ring, Chevron Packing Adaptor	2				
11	531596	Packing, Chevron	8				
12	514740	"V" Ring, Chevron Packing Adaptor	2				
12A	514743	†Shim	2				
13	550081	Ring, Piston Wear	4	28	2C-872	†Bolt, Pivot Shaft to Cyl.	2
14	550080	Piston	2	29	2D-08	†Nut, Pivot Shaft to Cyl.	2
15	551605	Nut, Piston Rod	2	30	4E-08	†Lkwshr, Pivot Shaft to Cyl.	2

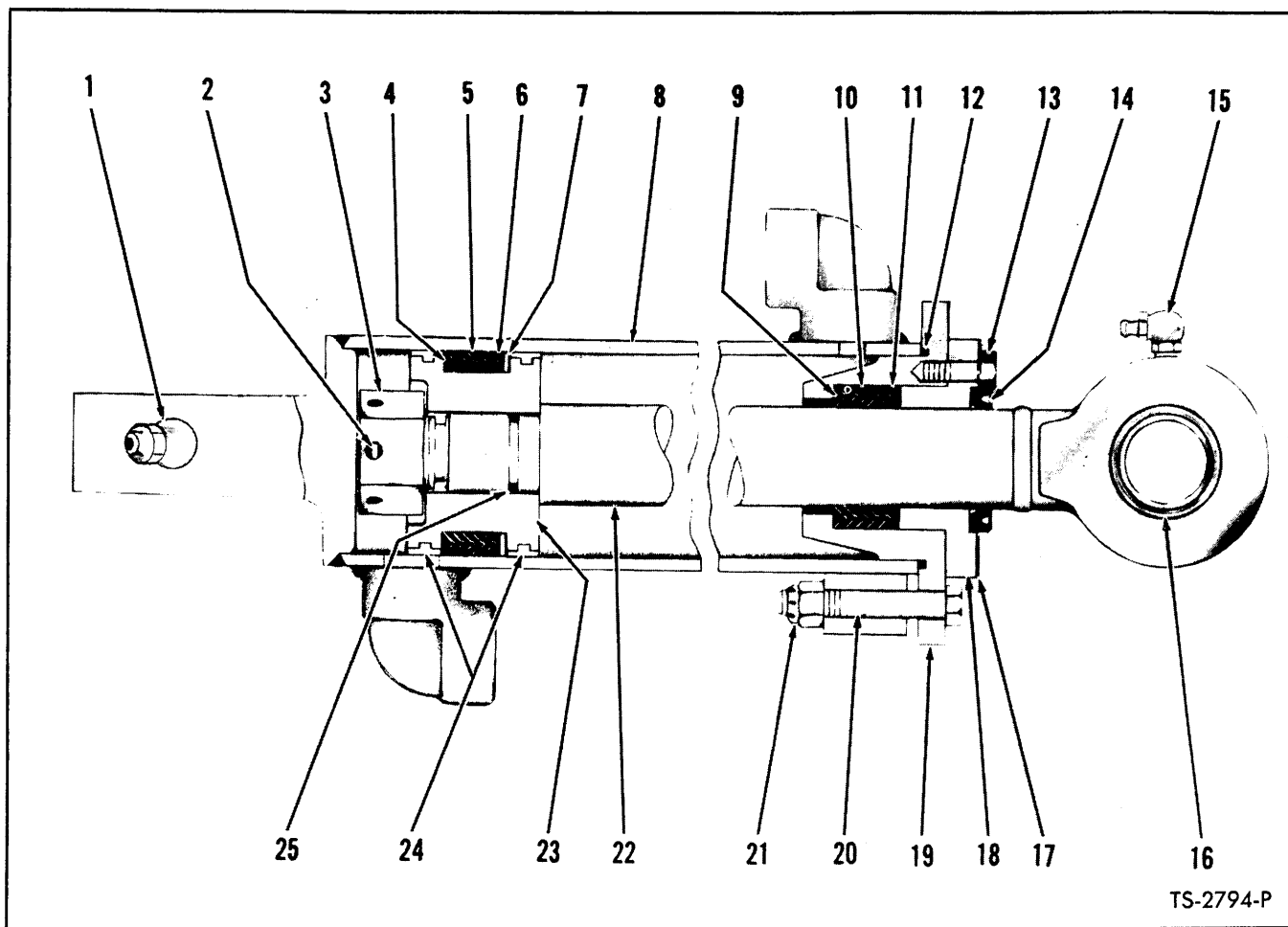
‡ — As Required  
† — Not Illustrated



**BUCKET CYLINDER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	514166	Bucket Cylinder Ass'y. (Inc. 1 thru 24)	2	15	550080	Piston	2
1	550088	Wiper, Piston Rod	2	16	551605	Nut, Piston Rod	2
2	550089	Retainer, Piston Rod Wiper	2	17	1F-648	Cotter, Piston Rod Nut	2
3	550087	Packing Gland	2	18	550229	Bushing	4
4	25K-40416	"O" Ring, Cylinder Cap	2	19	2D-08	Nut, Cylinder Cap	8
5	552486	"T" Ring, Chevron Packing Adaptor	2	20	4E-08	Lkwsr, Cylinder Cap	8
6	531615	Packing, Chevron	8	21	550085	Cap, Cylinder	2
7	552487	"V" Ring, Chevron Packing Adaptor	2	22	18C-852P	Bolt, Cylinder Cap	8
8	550097	Piston Rod Assy. (Inc. 18 & 25)	2	23	4C-616	Bolt, Retainer	8
9	514167	Cylinder & Bushing Ass'y. (Inc. 18 & 25)	2	23A	550099	Lockwire, Retainer Bolt	2
10	25K-40112	"O" Ring, Piston Rod	2	24	10H-25	†Fitting, Grease	4
11	514741	"T" Ring, Chevron Packing Adaptor	2	25	942408	‡Chevron Packing & Adaptor Kit (Inc. 11 thru 13A)	
12	531596	Packing, Chevron	8	26	942409	‡Chevron Packing Kit (Inc. 12 & 13A)	
13	514740	"V" Ring, Chevron Packing Adaptor	2	27	942406	‡Chevron Packing & Adaptor Kit (Inc. 5 thru 7A)	
13A	514743	†Shim	2	28	942407	‡Chevron Packing Kit (Inc. 6 & 7A)	
14	550081	Ring, Piston Wear	4				

‡ — As Required  
† — Not Illustrated



**BUCKET CYLINDER ASSEMBLY**

2 cylinders used on machine – Quantities listed below are for 1 cylinder

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	514166	CYLINDER ASSY (Inc. 1 thru 25).....	1	10	531615	PACKING SET, Cylinder Cap .....	1
1	11H-15	FITTING, Cylinder Grease .....	1	11	552486	ADAPTER, Female Chevron Packing....	1
2	1F-648	COTTER, Piston Rod Nut .....	1	12	25K-40416	"O" RING, Cylinder Cap .....	1
3	551605	NUT, Piston Rod .....	1	13	4C-616	BOLT, Wiper Retainer .....	1
4	514740	ADAPTER, Male Chevron Packing .....	2	14	550088	WIPER, Piston Rod .....	1
5	531596	PACKING SET, Piston .....	1	15	12H-15	FITTING, Piston Rod Grease .....	1
6	514741	ADAPTER, Female Chevron Packing .....	1	16	550229	BUSHING, Rod & Cylinder .....	2
7	514743	‡SHIM, Piston Packing .....	1	17	550089	RETAINER, Piston Rod Wiper .....	1
8		CYLINDER (Inc. 16)		18	550087	GLAND, Packing .....	1
9	552487	ADAPTER, Male Chevron Packing .....	1	19	550085	CAP, Cylinder .....	1
				20	2C-856	BOLT, Cylinder Cap .....	4
				21	18D-08	NUT, Cylinder Cap .....	4
				22	550097	ROD ASSY, Piston (Inc. 16) .....	1
				23	550080	PISTON .....	1
				24	550081	RING, Piston Wear .....	1
				25	25K-40112	"O" RING, Piston Rod .....	1

\*NOTE: When replacing only one Bucket Cylinder Assy or Cylinder only on machine serial numbers listed below, it will be necessary to install one 512953 Spacer in opposite Cylinder between the Cylinder Cap and Piston.

75A – 8123 thru 9763, 9765 thru 9782, 9785 thru 9903.

75B – 6123 thru 6195.

75R – 7123 thru 7151.

‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**ENGINE AND ACCESSORIES — G.M.**

All orders for engine assembly or components thereof should be placed with the nearest G.M. Diesel Distributor. To obtain proper items, it is necessary to provide your engine model, serial number and necessary group type number for the equipment required. This data is stamped on the options and accessories plate on the rocker cover of engine.

**ENGINE SUPPORTS**

Item No.	Part No.	Description	No. Req'd.
1	531060	SUPPORT, Engine (Rear) .....	2
2	1C-824	BOLT, Support to Flywheel .....	8
3	4E-08	LKWSHR, Support to Flywheel .....	8
4	2C-832	BOLT, Support to Frame .....	4
5	21D-08	NUT, Support to Frame .....	4
6	536613	SPACER, Front Engine Mounting ..	1
7	619027	WASHER, Front Engine Mounting ..	2
8	2C-832	BOLT, Front Engine Mounting .....	2
9	21D-08	NUT, Front Engine Mounting .....	2

**ENGINE ACCESSORIES**

10	-----	*GENERATOR .....	—
11	-----	*STARTER .....	—
12	-----	*VOLTAGE REGULATOR .....	—
13	-----	*FILTER, Fuel & Engine Lube .....	—
14	532337	BRACKET, Regulator Mounting .....	1
15	2C-616	BOLT, Bracket to Frame .....	2
16	2D-06	NUT, Bracket to Frame .....	2
17	4E-06	LKWSHR, Bracket to Frame .....	2
18	2C-420	BOLT, Regulator to Bracket .....	4
19	2D-04	NUT, Regulator to Bracket .....	4
20	4E-04	LKWSHR, Regulator to Bracket .....	4
21	551255	HOURLY METER .....	1
22	551251	DAMPENER, Vibration .....	1
23	3G-608	SCREW, Hourmeter Mounting .....	6
24	15E-06	LKWSHR, Hourmeter Mounting .....	6
25	551323	SENDING UNIT, Engine Temp. ....	1
26	636260	SWITCH, Oil Pressure .....	1
27	940643	SENDING UNIT, Oil Pressure .....	1
28	18F-1	TEE, Oil Pressure Switch .....	1
29	5K-108	NIPPLE, Oil Pressure Switch .....	1

**BATTERY, BATTERY BOX AND WIRING**

Item No.	Part No.	Description	No. Req'd.
30	-----	BATTERY (EXIDE No. XF-25) .....	2
31	550858	BOX, Battery .....	1
32	2C-612	BOLT, Battery Box to Frame .....	4
33	2D-06	NUT, Battery Box to Frame .....	4
34	4E-06	LKWSHR, Battery Box to Frame .....	4
35	550859	HOLD DOWN, Battery .....	2
36	600183	STUD, Battery Hold Down .....	4
37	619019	WASHER, Battery Hold Down .....	4
38	4E-05	LKWSHR, Battery Hold Down .....	4
39	1D-05	NUT, Battery Hold Down .....	12
40	550845	CABLE, Battery to Ground .....	1
41	550846	CABLE, Battery Connector .....	1
42	593227	CABLE, Battery to Solenoid .....	1
43	509335	WIRING HARNESS, Main .....	1
44	509336	WIRING HARNESS, Generator to Regulator .....	1
45	550851	WIRE, Light Switch to Head Lamp ...	1
46	535369	WIRE, Fuel Gauge to Tank Unit .....	1
47	695120	WIRE, Steering Column to Horn Relay	1
48	550855	WIRE, Horn Relay to Horn (See Note "A") .....	1
48A	557438	WIRE, Horn Relay to Horn (See Note "A") .....	1
49	641738	WIRE, Oil Pressure Switch to Starter .	1
50	551879	WIRE, Regulator Ground to Bracket .	1

The following parts are to be used in place of parts specified in Parts Manual.

51	529842	HOOD .....	1
52	529852	RESERVOIR, Oil .....	1
53	530923	TANK, Fuel .....	1

\*These parts are furnished with engine. See your local GM distributor for replacement or service on these parts.

NOTE "A" — 550855 Wire is used with 647300 Horn. 557438 is used with 733624 Horn. New Horn (733624) includes a permanent mounting bracket for identification purposes.

**NOTES**

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**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



ENGINE AND ACCESSORIES - WAUKESHA

All orders for engine assembly or components thereof should be placed with the nearest Waukesha Motor Co. distributor or dealer. Always give model, specifications and serial number of your engine. This data will be found on nameplate attached to the side of the engine.

Table with 4 columns: Item No., Part No., Description, No. Req'd. Section: ENGINE SUPPORT PARTS - GAS AND DIESEL. Rows 1-10.

ENGINE ACCESSORIES - GAS AND DIESEL

Table with 4 columns: Item No., Part No., Description, No. Req'd. Rows 11-12.

HOURLY METER AND MOUNTING PARTS

Table with 4 columns: Item No., Part No., Description, No. Req'd. Rows 13-16.

GENERATOR AND PARTS - GAS AND DIESEL

Table with 4 columns: Item No., Part No., Description, No. Req'd. Rows 17-17B.

Table with 4 columns: Item No., Part No., Description, No. Req'd. Rows 18-29.

Serial Group "A":

- 75A GAS - 8123 thru 12183, 1CA3170 and thereafter
75A DIESEL - 8123D thru 12183D, 1CB893 and thereafter
75B - 6123 thru 6220
75R - 7123 thru 7183

Serial Group "B":

- 75B - 6221 thru 6270

\*NOTE: For Serial: 75A GAS - 8123 thru 12183; 1CA3170 thru 1CA3418. 75A DIESEL - 8123D thru 12183D; 1CB893 thru 1CB968.

\*\*NOTE: For Serial: 75A GAS - 1CA3419 & After. 75A DIESEL - 1CB969 & After.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

**ENGINE AND ACCESSORIES (Continued)**

Item No.	Part No.	Description	No. Req'd.
30	652444	SPACER, Generator — Rear	1
31	2C-524	BOLT, Gen. Attaching — 1½" long	1
32	2D-05	NUT, Generator Attaching	1
33	4E-05	LKWSHR, Generator Attaching	1
34	1C-516	BOLT, Generator Attaching — 1" long	1

**VOLTAGE REGULATOR — GAS AND DIESEL**

35		REGULATOR, Voltage	
35A	940105	For Serial Group "A" Below	1
35B	941520	For Serial Group "B" Below	1
36	550862	BRACKET, Regulator Mounting	1
37	2C-620	BOLT, Bracket to Frame	2
38	2D-06	NUT, Bracket to Frame	2
39	4E-06	LKWSHR, Bracket to Frame	2
40	2C-412	BOLT, Regulator to Bracket	3
41	2D-04	NUT, Regulator to Bracket	3
42	4E-04	LKWSHR, Regulator to Bracket	3

**ENGINE ACCESSORIES—GAS MODEL ONLY  
DISTRIBUTOR AND IGNITION CABLES**

43	940331	DISTRIBUTOR	1
44	953129	GASKET, Distributor	1
45	552842	CLAMP, Distributor	2
46	1C-618	BOLT, Clamp	2
47	4E-06	LKWSHR, Clamp	2
48	857852	CAP, Distributor	1
49	853628	POINT SET, Distributor	1
50	850091	ROTOR, Distributor	1
51	853586	COVER, Distributor (Inc. 52, 53)	1
52	853599	GASKET, Cover	1
53	853598	FELT SEAL, Cover	1
54	850085	CONDENSER, Distributor	1

Item No.	Part No.	Description	No. Req'd.
55	552856	CABLE KIT, Ignition (Inc. 56 thru 62)	1
56	552844	CABLE — No. 1 & 6 Cylinder	2
57	552845	CABLE — No. 2 & 5 Cylinder	2
58	552846	CABLE — No. 3 Cylinder	1
59	552847	CABLE — No. 4 Cylinder	1
60	652772	CABLE, Distributor to Coil	1
61	610097	NIPPLE, Distributor	7
62	610098	NIPPLE, Coil	1

**IGNITION COIL**

63	940104	COIL, Ignition	1
64	2C-510	BOLT, Coil to Regulator Bracket	2
65	2D-05	NUT, Coil to Regulator Bracket	2
66	4E-05	LKWSHR, Coil to Regulator Bracket	2

**CARBURETOR**

67	990823	CARBURETOR	1
68	523347	GASKET, Carburetor to Manifold	1
69	940178	REPAIR KIT, Carburetor	1
70	940179	GASKET KIT, Carburetor	1
71	853227	JET, Adjustable	1
72	552825	STUD, Carburetor to Manifold	2
73	2D-05	NUT, Carburetor to Manifold	2
74	4E-05	LKWSHR, Carburetor to Manifold	2

**FUEL PUMP**

75	941591	PUMP ASSY, Fuel (Inc. 76)	1
76	952721	GASKET, Fuel Pump	1
77	941945	REPAIR KIT, Fuel Pump	1

**Serial Group "A":**

75A GAS — 8123 thru 12183, 1CA3170 and thereafter  
 75A DIESEL — 8123D thru 12183D, 1CB893 and thereafter  
 75B — 6123 thru 6220  
 75R — 7123 thru 7183

**Serial Group "B":**

75 B — 6221 thru 6270

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**ENGINE AND ACCESSORIES (Continued)**

Item No.	Part No.	Description	No. Req'd.
78	-----	§ REPAIR KIT, Diaphragm—See 77	1
79	1C-516	BOLT, Pump Attaching	2
80	952779	WASHER, Copper Pump Attaching	2
<b>STARTER — GAS ONLY</b>			
81	585314*	STARTER ASSY (Inc. 83, 84, 85A, 86A)	1
82	552884	SPACER, Starter (For 940137 Starter Only)	1
83	850813	ARMATURE, Starter (For D.R. # 1107842)	1
83A	871513	ARMATURE, Starter (For D.R. # 1107851)	1
84	956003	DRIVE ASSY, Starter	1
85	943413	HOUSING, Drive (For D.R. # 1107842)	1
85A	945383	HOUSING, Drive (For D.R. # 1107851)	1
86	940139	BRUSH, Starter (For D.R. # 1107842)	4
86A	871518	BRUSH, Starter (For D.R. # 1107851)	4
87	957361	STUD, Starter Mounting (For 940137 Starter)	3
88	2D-06	NUT, Mounting (For 940137 Starter)	3
89	4E-06	LKWSHR, Starter Mounting	3
90	1C-620	BOLT, Mounting (For 520901 Starter)	3
91	551530	SWITCH, Starter Magnetic	1
92	2C-414	BOLT, Switch Attaching	2
93	2D-04	NUT, Switch Attaching	2
94	4E-04	LKWSHR, Switch Attaching	2

**ENGINE ACCESSORIES — DIESEL ONLY**

95	-----	FUEL INJECTION PUMP — See Engine Parts Manual	—
96	-----	INJECTOR, Fuel — See Engine Parts Manual	—
97	-----	LUBE OIL FILTER - See Engine Parts Manual	—

**GLOW PLUGS**

98	552814	GLOW PLUG	6
99	953103	GASKET, Glow Plug	6
100	553139	HARNES, Glow Plug Wiring	1

Item No.	Part No.	Description	No. Req'd.
101	552941	BRACKET, Glow Plug Harness	1
102	2G-1210	SCREW, Bracket Attaching	1
103	14D-12	NUT, Bracket Attaching	1
104	2E-04	LKWSHR, Bracket Attaching	1
105	551530	SWITCH, Glow Plug Magnetic	1
106	2C-414	BOLT, Switch Attaching	2
107	2D-04	NUT, Switch Attaching	2
108	4E-04	LKWSHR, Switch Attaching	2

**STARTER — DIESEL ONLY**

109	518713	STARTER ASSY (Inc. 110 thru 114)	1
109A	946390	STARTER ASSY (Inc. 110A, 111A, 112C, 113B, 114A) (D. R. 1113639)	1
110	864539	ARMATURE, Starter	1
110A	946420	ARMATURE, Starter (For D.R. # 1113639)	1
111	864559	HOUSING, Starter Drive	1
111A	946421	HOUSING, Starter Drive (For D.R. 1113639)	1
112		DRIVE ASSY, Starter	
112A	864548	For Serial Group "C" Below	1
112B	874587	For Serial Group "D" Below	1
112C	891272	For D.R. # 1113639	1
113		BRUSH, Starter	
113A	864525	For Serial Group "C" Below	4
113B	946422	For Serial Group "D" Below & D.R. # 1113639	4
114	864519	SWITCH, Starter Solenoid	1
114A	946423	SWITCH, Starter Solenoid (For D.R. # 1113639)	1
115	552884	SPACER, Starter Mounting	1
116	1C-628	BOLT, Starter Mounting	3
117	4E-06	LKWSHR, Starter Mounting	3

**Serial Group "C":**

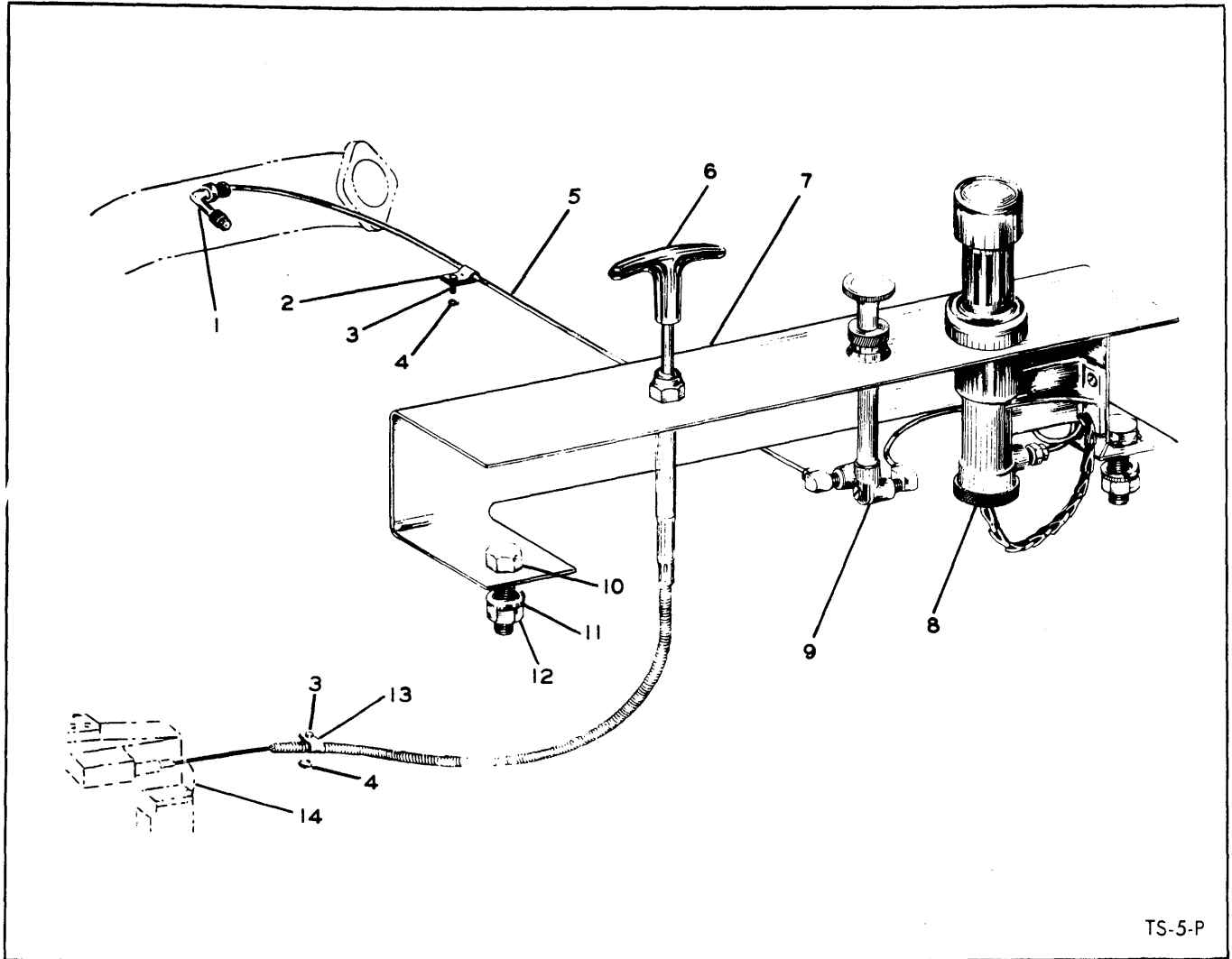
75A — 8123D thru 10766D, 10769D, 10774D, 10777D, 10778D  
 75B — 6123D thru 6223D  
 75R — 7123D thru 7170D

**Serial Group "D":**

75A — 10767D, 10768D, 10770D thru 10773D, 10775D, 10776D, 10779D thru 12183D, 1C8893 and thereafter  
 75B — 6224D thru 6270D  
 75R — 7171D thru 7183D

\*NOTE: 940137 Starter (Delco No. 1107821) was used on Serial 8123 thru 9082. When it becomes necessary to replace 940137 Starter use 585314 Starter (Item 81), remove 552884 Spacer item 82.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



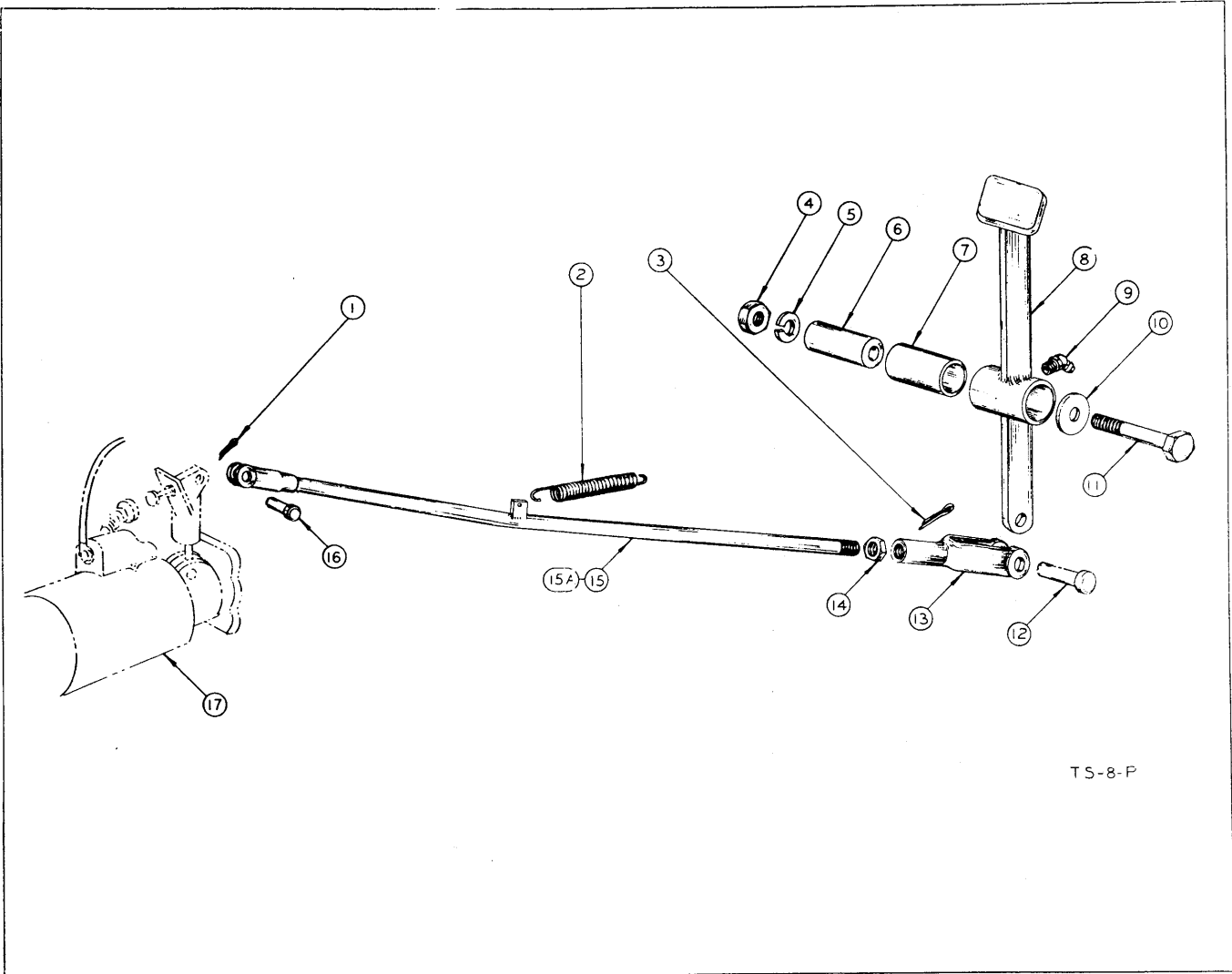
TS-5-P

**ETHER START PANEL**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	51F-1	ELBOW, Pump to Manifold	1	11	4E-06	LKWSHR, Start Panel Attaching	2
2	6H-2	CLIP, Tube to Engine	1	12	2D-06	NUT, Start Panel Attaching	2
3	1C-608	BOLT, Clip Attaching	2	13	551902	CLIP, Shut-Off Cable	1
4	4E-06	LKWSHR, Clip Attaching	2	14	-----	PUMP, Fuel Injection - (See Engine Parts Manual)	-
5	551253	TUBE, Ether	1	15	553664	†CLIP, Shut-Off Cable	1
6	1520193	CABLE, Engine Shut-Off	1	16	2G-1008	†SCREW, Clip	2
7	550750	PANEL, Ether Start	1	17	17E-10	†LKWSHR, Clip	2
8	940150	TOOL, Ether Capsule Puncturing	1	18	14D-10	†NUT, Clip	2
9	940151	PUMP, Ether Priming	1				
10	2C-616	BOLT, Start Panel Attaching	2				

†Not Illustrated

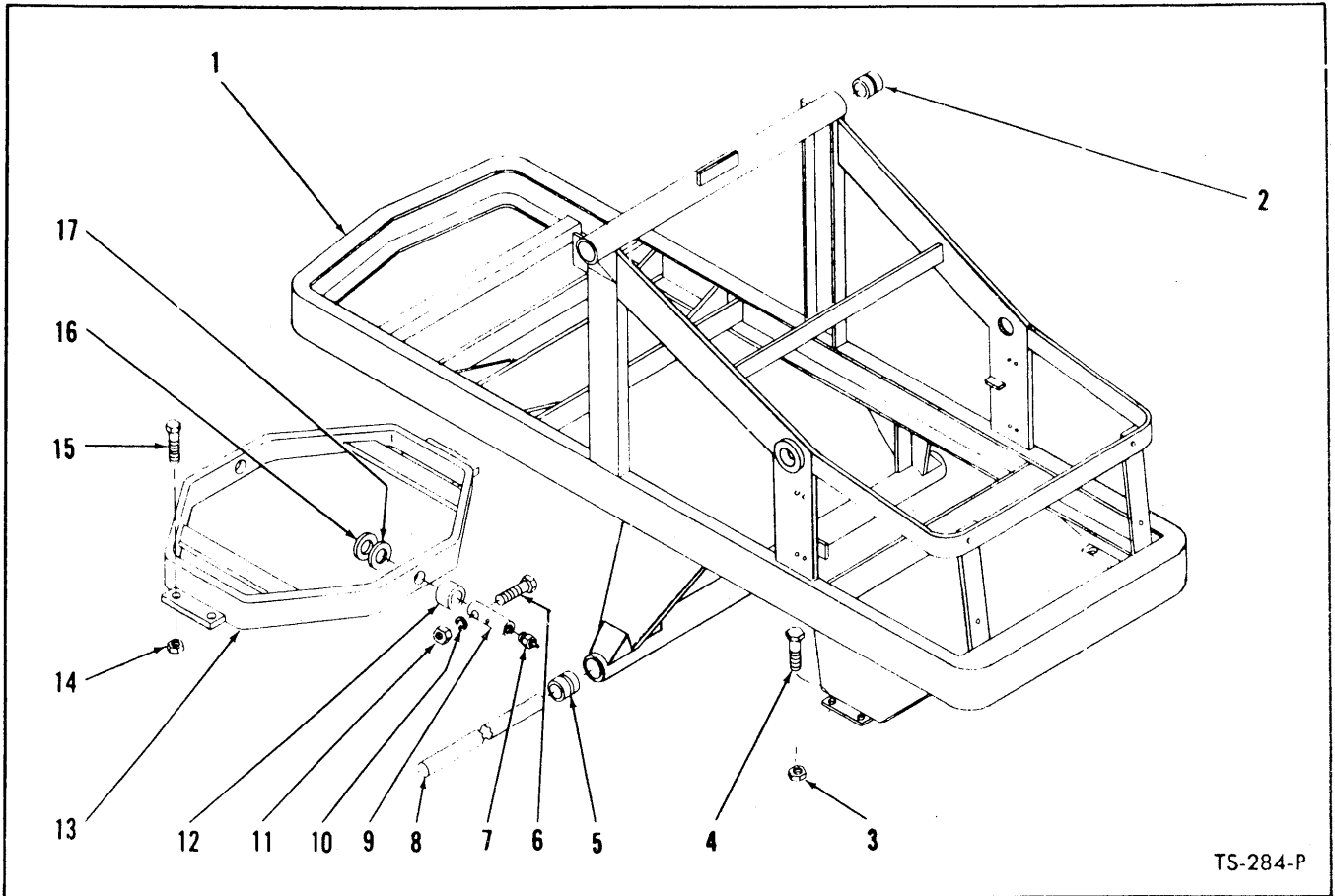
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**MECHANICAL STARTER PEDAL AND LINKAGE**

Item No.	Part No.	Description	No. Req'd.
1	1F-310	Cotter, Start Rod to Starter Pin.....	1
2	552323	Spring, Start Lever Return.....	1
3	1F-414	Cotter, Start Rod to Start Lever.....	1
4	2D-08	Nut, Start Lever Mtg.....	1
5	4E-08	Lkwshr, Start Lever Mtg.....	1
6	550646	Sleeve, Start Lever Mtg.....	1
7	551373	Bushing, Start Lever Mtg.....	1
8	550796	Start Lever Ass'y. (Inc. Item 7)....	1
9	12H-15	Fitting, Start Lever Grease.....	1
10	616795	Washer, Start Lever Mtg.....	1

Item No.	Part No.	Description	No. Req'd.
11	4C-844	Bolt, Lever Mtg.....	1
12	4F-08127	Pin, Clevis to Start Lever.....	1
13	4J-8300	Clevis, Start Rod to Start Lever....	1
14	8D-08	Nut, Clevis Jam.....	1
15	552039	Rod, Start .....	1
15A	550799	Start Rod Assembly (Inc. 13, 14 & 15) .....	1
16	4F-06106	Pin, Start Rod to Starter.....	1
17		Starter — See Index	



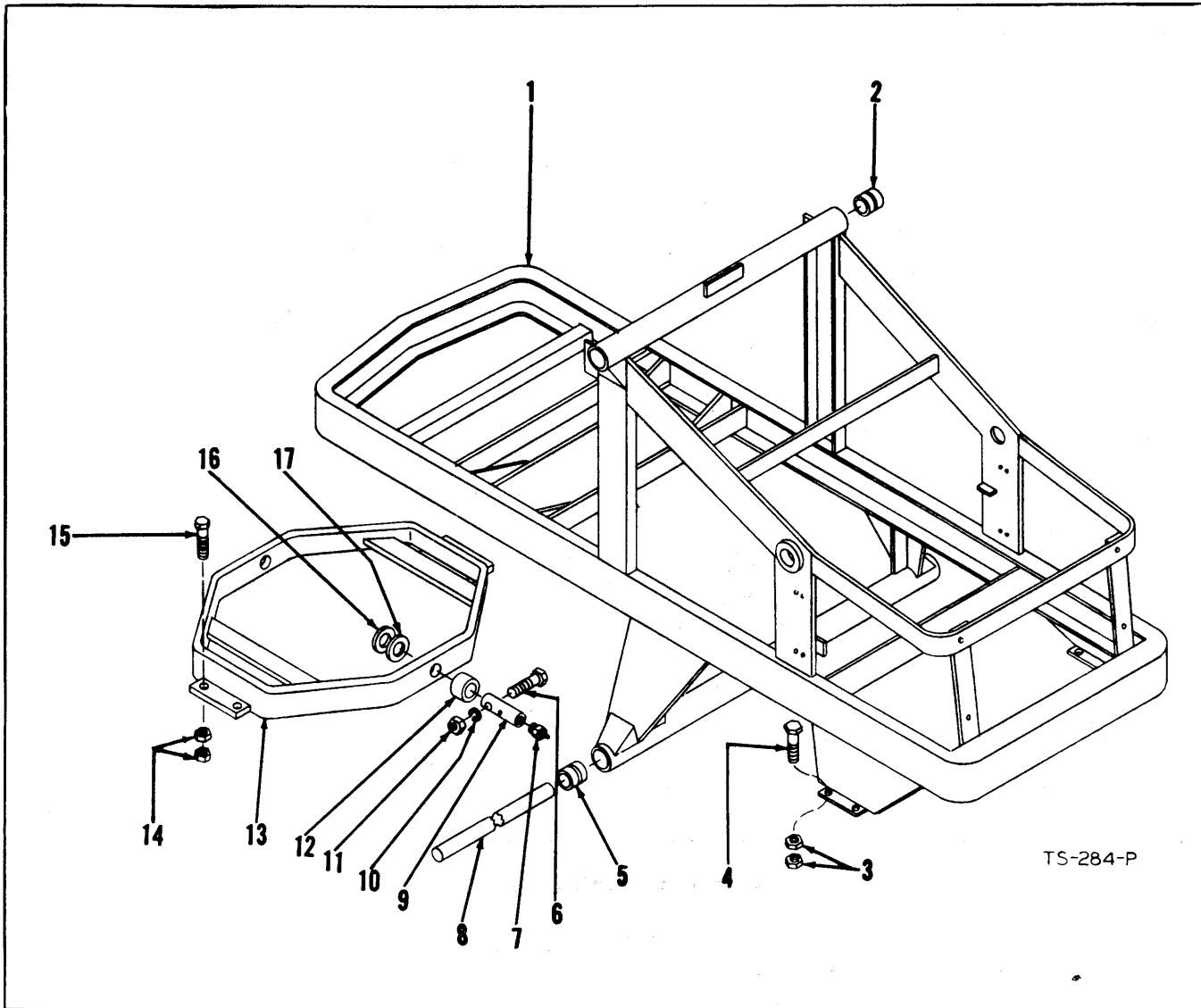
TS-284-P

**FRAME ASSEMBLY—G.M.**

Item No.	Part No.	Description	No. Req'd
1	900147	FRAME ASSY (Inc. 2, 5)	1
2	550010	BUSHING, Upper Pivot Tube	2
3	18D-12	NUT, Front Axle to Frame	8
4	14C-12112	BOLT, Front Axle to Frame	8
5	550010	BUSHING, Lower Pivot Tube	2
6	2C-856	BOLT, Pin Retaining	2
7	15H-15	FITTING, Cradle Grease	2
8	550070	SHAFT, Boom Cylinder to Frame	1
9	550069	PIN, Cradle Pivot	2
10	4E-08	LKWSHR, Pin Retaining Bolt	2
11	2D-08	NUT, Pin Retaining Bolt	2
12	550066	BUSHING, Cradle	2
13	536645	CRADLE ASSY (Inc. 12)	1
14	18D-12	NUT, Rear Axle to Frame	8
15	14C-12128	BOLT, Rear Axle to Frame	8
16	551348	‡WASHER, Cradle to Frame	—
17	551347	‡WASHER, Cradle to Frame	—
18	538831	†PAD, Rear Axle to Frame	2

‡As Required  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

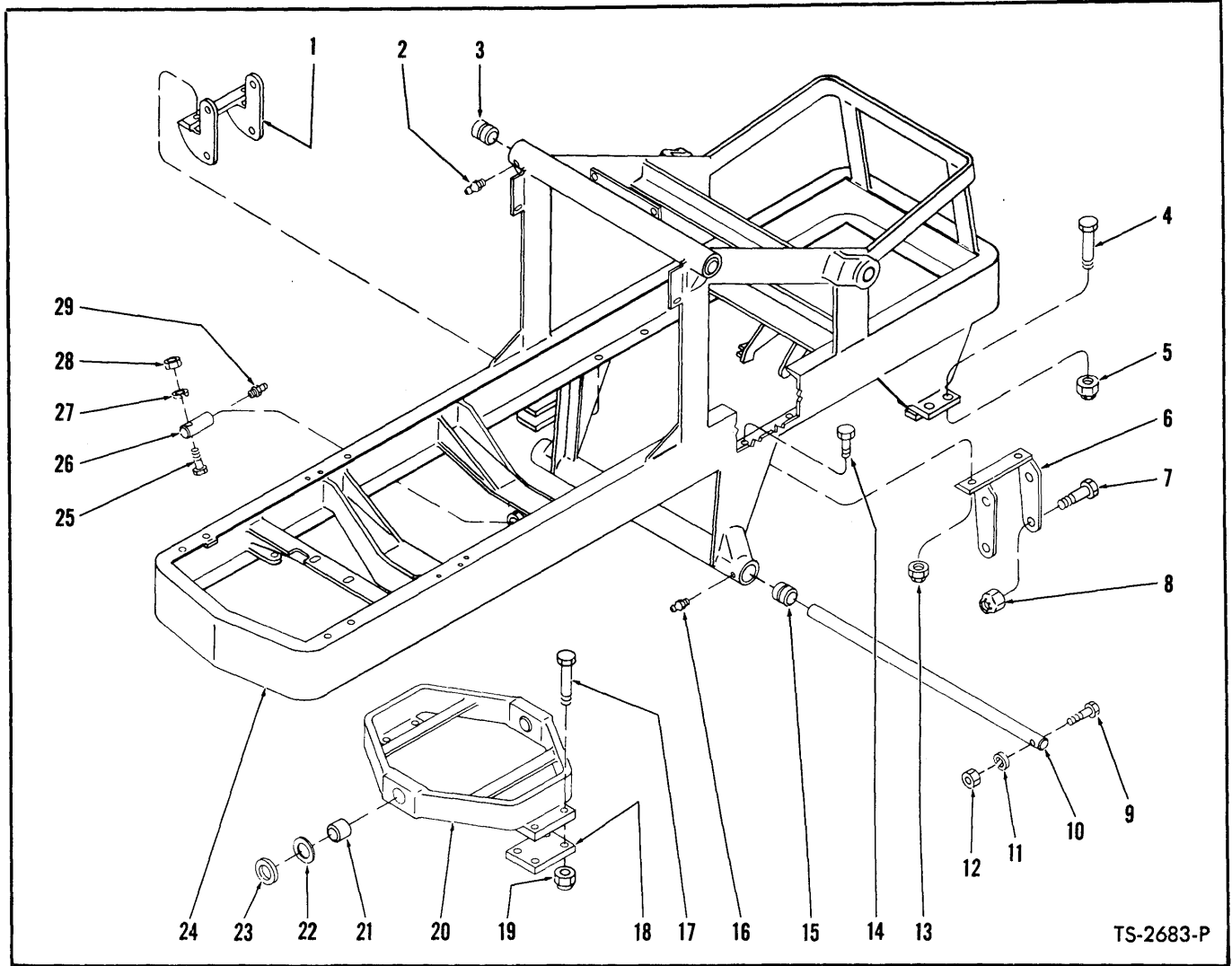


**FRAME ASSEMBLY  
MODEL 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Frame Assembly .....	1	7	15H-15	Fitting, Cradle Pivot Pin Grease...	2
	550000	For Serial 8123 thru 10222, 10240- & 10247 thru 10251.....		8	550070	Shaft, Boom Cyl. Pivot.....	1
	514265	Effective with Serial 10223 thru 10239, 10241 thru 10246, 10252 & thereafter .....		9	550069	Pin, Cradle Pivot.....	2
2	550010	Bushing, Boom Pivot Tube.....	2	10	4E-08	Lkwshr, Cradle Pivot Pin.....	2
3	2D-12	Nut, Axle Mtg.....	16	11	2D-08	Nut, Cradle Pivot Pin.....	2
4	14C-12120	Bolt, Axle Mtg. ....	8	12	550066	Bushing, Cradle Pivot Pin.....	2
5	550010	Bushing, Boom Cyl. Pivot Shaft....	2	13	536645	Drive Steer Axle Cradle Assembly..	1
6	2C-856	Bolt, Cradle Pivot Pin.....	2	14	2D-12	Nut, Axle Mtg. ....	16
				15	14C-12198	Bolt, Axle Mtg.....	8
				16	551348	‡Washer, Cradle to Frame.....	
				17	551347	‡Washer, Cradle to Frame.....	
				18	550253	†Pad, Axle Mtg. ....	2

‡ — As Required  
† — Not Illustrated





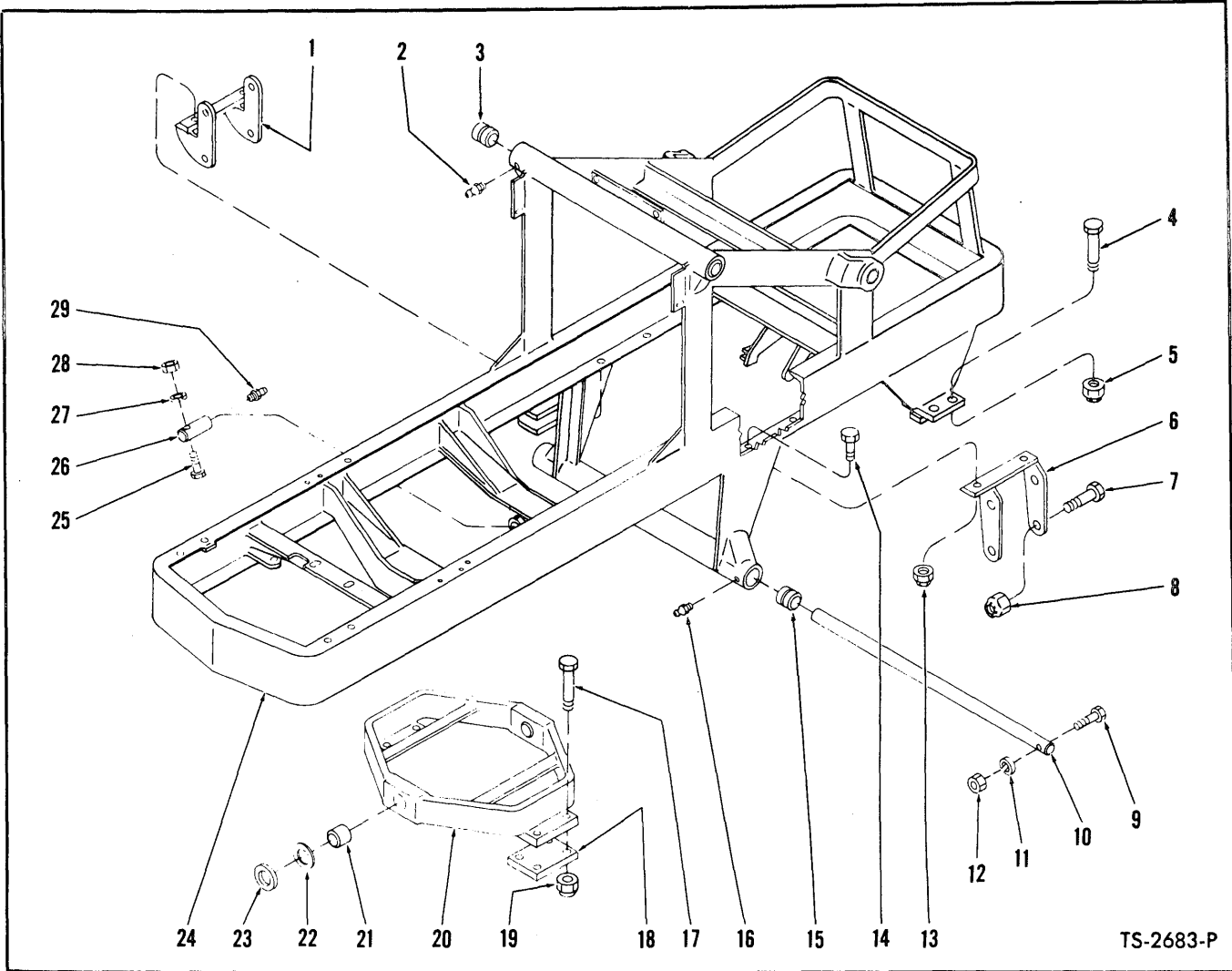
TS-2683-P

**FRAME, TRANSMISSION MOUNTS AND AXLE MOUNTS — MODEL 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550576	MOUNT, Transmission — L.H.	1	20	536645	CRADLE ASSY, Rear Axle (Inc. 21)	1
2	10H-25	FITTING, Pivot Tube Grease	2	21	550066	BUSHING, Cradle	2
3	550010	BUSHING, Upper Pivot Tube	2	22	551348	‡WASHER, Cradle to Frame — 1/8"	—
4	24C-12112	*BOLT, Front Axle to Frame	8	23	551347	‡WASHER, Cradle to Frame — 1/8"	—
5	68D-12	NUT, Front Axle to Frame	8	24		FRAME ASSY (Inc. 3, 15)	
6	550572	MOUNT, Transmission — R.H.	1	24B	514265	For Serial: GAS — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 & thereafter	1
7	2C-1044	BOLT, Transmission to Mount	8			DIESEL — 10223D thru 12183D, 1CB893 & thereafter	1
8	18D-10	NUT, Transmission to Mount	8	25	2C-856	BOLT, Pin Retaining	2
9	2C-872	BOLT, Shaft Retaining	2	26	550069	PIN, Cradle Pivot	2
10	550070	SHAFT, Boom Cylinder Pivot	1	27	4E-08	LKWSHR, Pin Retaining	2
11	4E-08	LKWSHR, Shaft Retaining	2	28	10D-08	NUT, Pin Retaining	2
12	10D-08	NUT, Shaft Retaining	2	29	15H-15	FITTING, Cradle Pin Grease	2
13	68D-08	NUT, Mount to Frame	4	29A	122402	SPACER, Between Trans. & Support	2
14	18C-836	BOLT, Mount to Frame	4				
15	550010	BUSHING, Lower Pivot Tube	2				
16	10H-25	FITTING, Pivot Tube Grease	2				
17	24C-12128	BOLT, Rear Axle to Cradle	8				
18	538831	PAD, Rear Axle Mount	2				
19	68D-12	NUT, Rear Axle to Cradle	8				

\*NOTE: 18D-12 Nut (Item 5) must be used with 14C-12112 (7" long) Bolt.  
‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



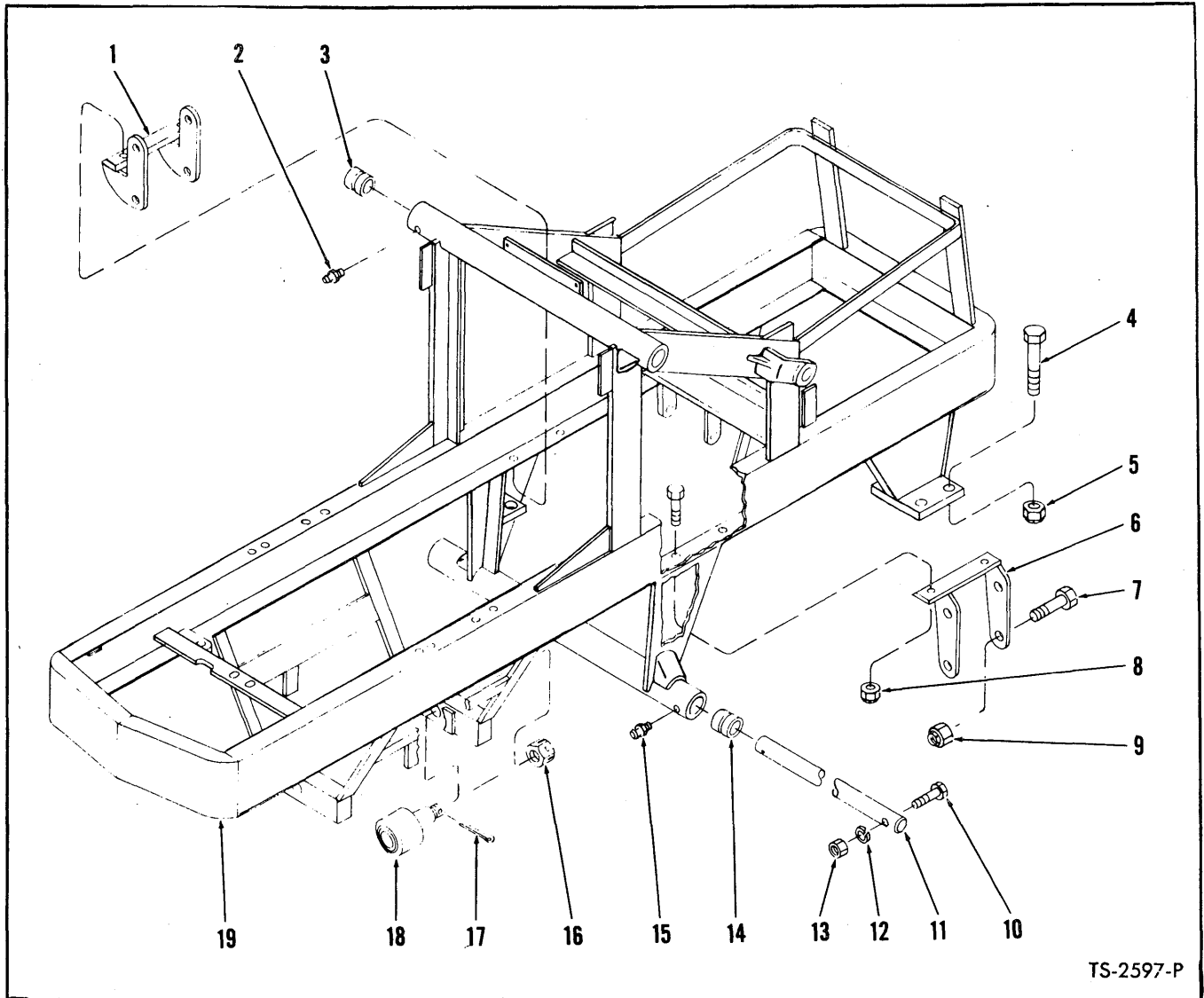
**FRAME, TRANSMISSION MOUNTS AND AXLE MOUNTS — MODEL 75A-WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550576	MOUNT, Transmission — L.H.	1	20	536645	CRADLE ASSY, Rear Axle (Inc. 21)	1
2	10H-25	FITTING, Pivot Tube Grease	2	21	550066	BUSHING, Cradle	2
3	550010	BUSHING, Upper Pivot Tube	2	22	551348	‡WASHER, Cradle to Frame — 1/16"	—
4	24C-12112	BOLT, Front Axle to Frame	8	23	551347	‡WASHER, Cradle to Frame — 1/8"	—
5	68D-12	NUT, Front Axle to Frame	8	24		FRAME ASSY (Inc. 3, 15)	
6	550572	MOUNT, Transmission — R.H.	1	24A	550000	For Serial 8123 thru 10222, 10240 & 10247 thru 10251	1
7	2C-1044	BOLT, Transmission to Mount	8	24B	514265	For Serial: GAS — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 & thereafter	1
8	18D-10	NUT, Transmission to Mount	8			DIESEL — 10223D thru 12183D, 1CB893 & thereafter	1
9	2C-872	BOLT, Shaft Retaining	2	25	2C-856	BOLT, Pin Retaining	2
10	550070	SHAFT, Boom Cylinder Pivot	1	26	550069	PIN, Cradle Pivot	2
11	4E-08	LKWSHR, Shaft Retaining	2	27	4E-08	LKWSHR, Pin Retaining	2
12	2D-08	NUT, Shaft Retaining	2	28	2D-08	NUT, Pin Retaining	2
13	68D-08	NUT, Mount to Frame	4	29	15H-15	FITTING, Cradle Pin Grease	2
14	18C-836	BOLT, Mount to Frame	4				
15	550010	BUSHING, Lower Pivot Tube	2				
16	10H-25	FITTING, Pivot Tube Grease	2				
17	24C-12128	BOLT, Rear Axle to Cradle	8				
18	538831	PAD, Rear Axle Mount	2				
19	68D-12	NUT, Rear Axle to Cradle	8				

\*NOTE: 68D-12 Nut (Item 5) must be used with 24C-12112 (7" long) Bolt.

‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



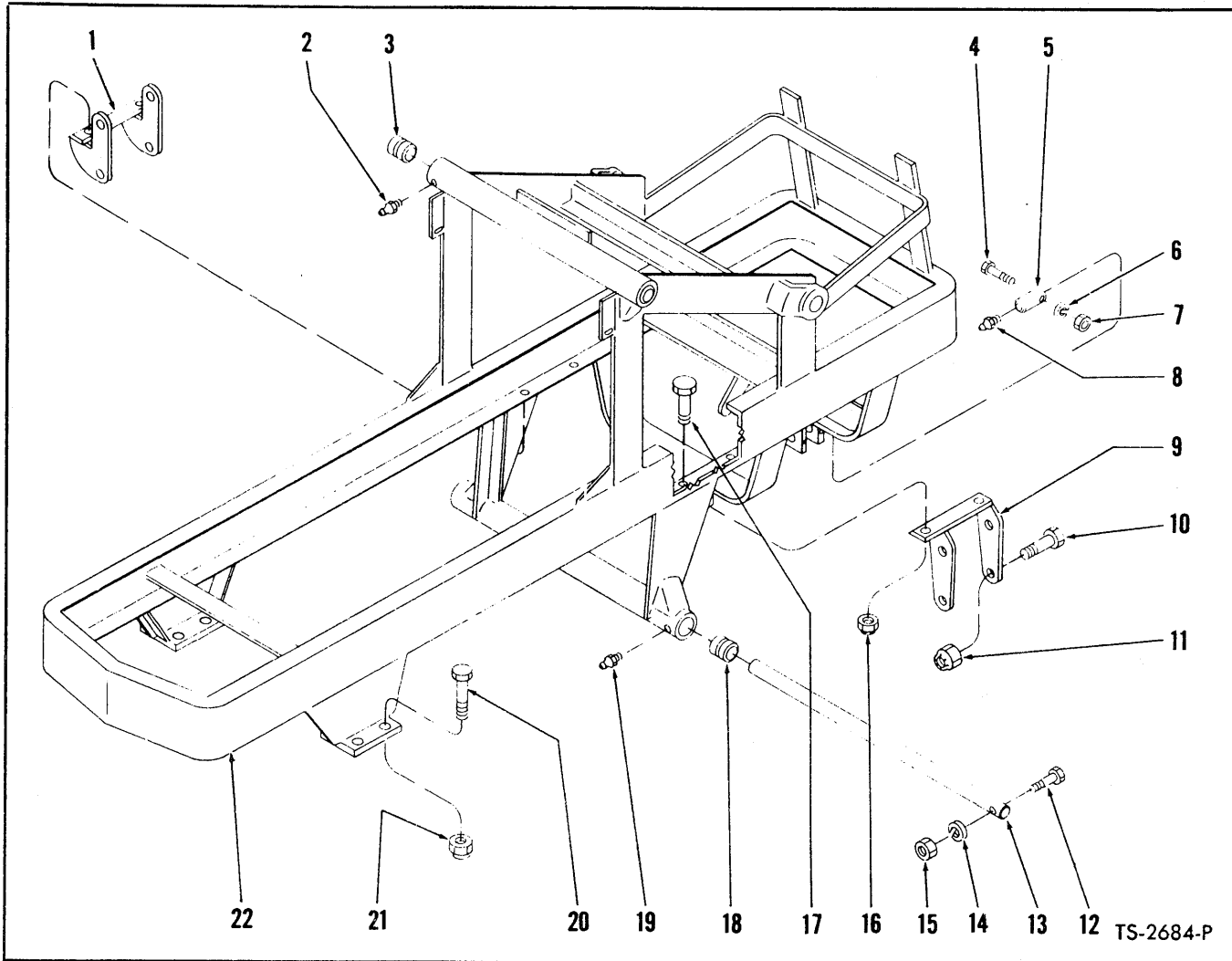
**FRAME ASSEMBLY AND TRANSMISSION MOUNTS – MODEL 75B-WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550576	MOUNT, Transmission – L.H.	1	13	2D-08	NUT, Shaft Retaining	2
2	10H-2	FITTING, Upper Pivot Tube Grease	2	14	550010	BUSHING, Lower Pivot Tube	1
3	550010	BUSHING, Upper Pivot Tube	2	15	10H-2	FITTING, Lower Pivot Tube Grease	2
4	24C-12112	*BOLT, Axle to Frame	8	16	4D-24	NUT, Axle Pivot Pin	1
5	68D-12	NUT, Axle to Frame	8	17	1F-848	COTTER, Pivot Pin Nut	1
6	550572	MOUNT, Transmission – R.H.	1	18	626561	PIN ASSY, Axle Pivot (Inc. 18A, 18B)	1
7	2C-1044	BOLT, Transmission to Mount	8	18A	626515	†PIN, Axle Pivot	1
8	68D-08	NUT, Mount to Frame	4	18B	626516	†BUSHING, Pivot Pin	1
9	18D-10	NUT, Transmission to Mount	8	19		FRAME ASSY (Inc. 3, 14)	
10	2C-872	BOLT, Shaft Retaining	2	19A	550105	For Serial 6123 thru 6200	1
11	550070	SHAFT, Boom Cylinder Pivot	1	19B	517076	For Serial 6201 thru 6270	1
12	4E-08	LKWSHR, Shaft Retaining	2				

\*NOTE: 68D-12 Nut (Item 5) must be used with 24C-12112 Bolt.

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

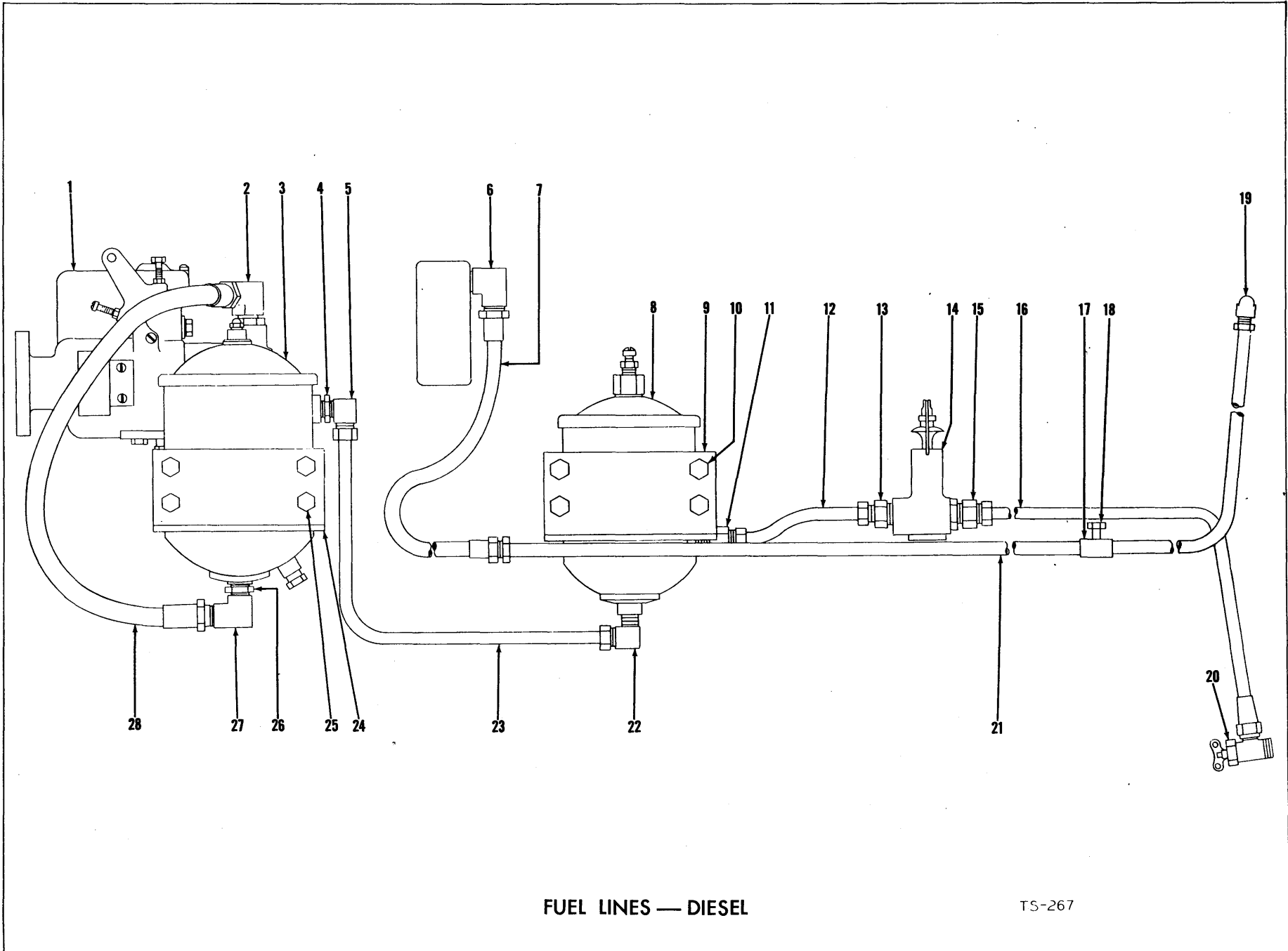


**FRAME ASSEMBLY AND TRANSMISSION MOUNTS — MODEL 75R-WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550576	MOUNT, Transmission — L.H.	1	14	4E-08	LKWSHR, Shaft Retaining	2
2	10H-2	FITTING, Pivot Tube Grease	2	15	2D-08	NUT, Shaft Retaining	2
3	550010	BUSHING, Upper Pivot Tube	2	16	68D-08	NUT, Mount to Frame	4
4	2C-672	BOLT, Pivot Pin Retaining	2	17	18C-836	BOLT, Mount to Frame	4
5	550120	PIN, Axle Pivot	2	18	550010	BUSHING, Lower Pivot Tube	2
6	4E-06	LKWSHR, Pivot Pin Retaining	2	19	10H-2	FITTING, Pivot Tube Grease	2
7	2D-06	NUT, Pivot Pin Retaining	2	20	24C-12112	*BOLT, Rear Axle to Frame	8
8	11H-15	FITTING, Pivot Pin Grease	2	21	68D-12	NUT, Rear Axle to Frame	8
9	550572	MOUNT, Transmission — R.H.	1	22		FRAME ASSY (Inc. 3, 18)	
10	2C-1044	BOLT, Transmission to Mount	8	22A	550112	For Serial 7123 thru 7154	1
11	18D-10	NUT, Transmission to Mount	8	22B	517087	For Serial 7155 thru 7184	1
12	2C-872	BOLT, Shaft Retaining	2				
13	550070	SHAFT, Boom Cylinder Pivot	1				

\*NOTE: 68D-12 Nut (Item 21) must be used with 24C-12112 (7" long) Bolt.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



FUEL LINES — DIESEL

TS-267



*Only for Deutzsha engine*

**FUEL LINES — DIESEL**

Effective with Serial

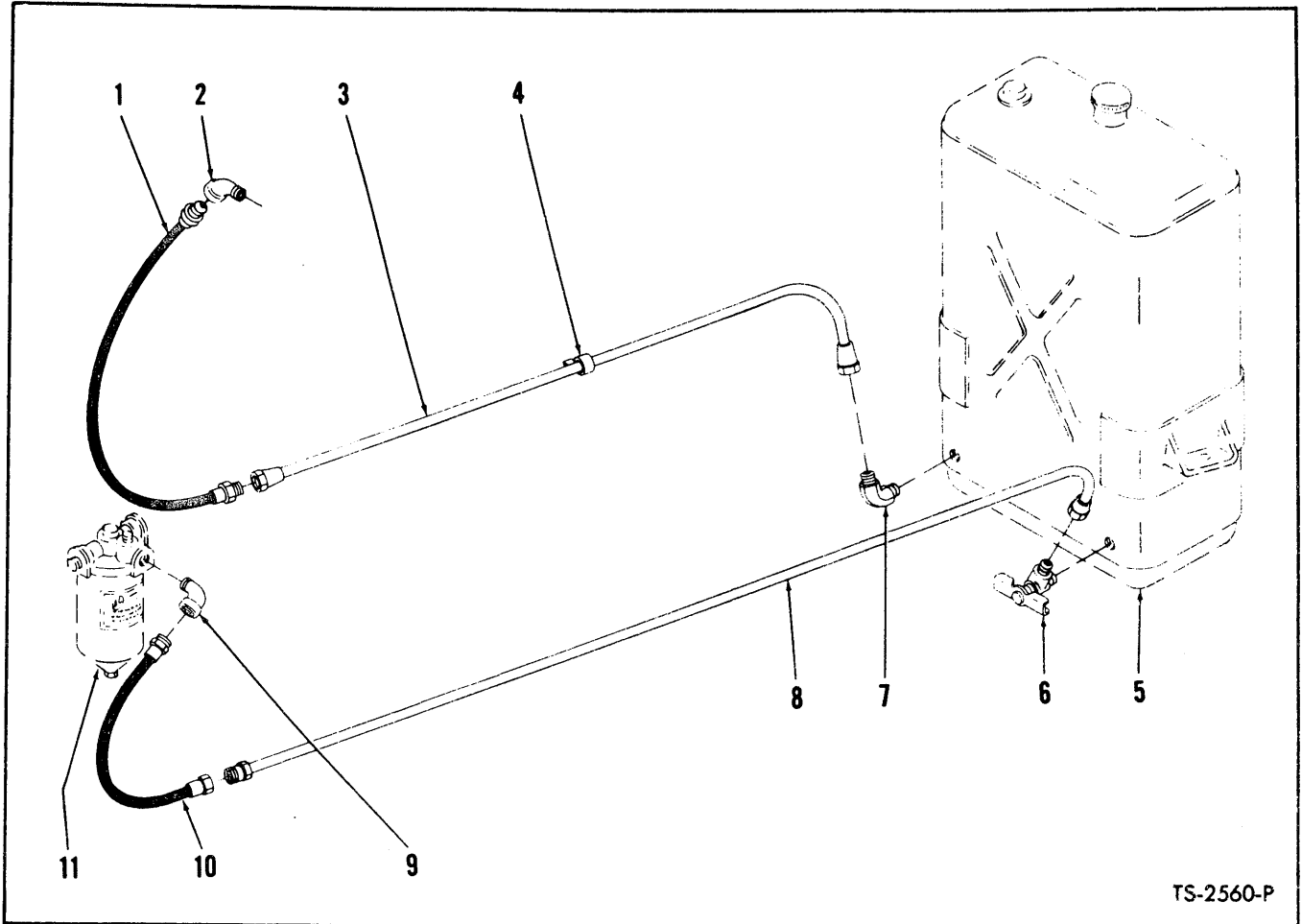
**75A — 9639D and Thereafter Except 9889D**

**75B — 6181D and Thereafter**

**75R — 7151D and Thereafter**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Fuel Injection Pump — See Index..	1	14F	2D-06	†Nut, Bracket to Frame .....	1
2	618298	Elbow — 90° .....	1	14G	4E-06	†Lkwsr, Bracket to Frame .....	1
3	553858	Filter, Secondary .....	1	15	59F-6	Connector, Inverted Flare Tube....	1
3A	958485	Cartridge, Secondary Filter .....	1	16	553984	Fuel Line Assembly, Tank to Hand Primer .....	1
4	19F-3	Bushing, Reducing — 3/8 x 1/4 .....	1	17	552732	Clip, Fuel Line to Frame.....	2
5	62F-6	Elbow — 90° .....	1	18	2C-620	Bolt, Clip to Frame .....	1
6	618298	Elbow — 90° .....	1	18A	2D-06	†Nut, Clip to Frame .....	1
7	550983	Hose, Pump to Return Line.....	1	18B	4E-06	†Lkwsr, Clip to Frame .....	1
8	551331	Filter, Primary .....	1	19	62F-5	Elbow — 90° .....	1
8A	940107	Cartridge, Primary Filter .....	1	20	69F-5	Shut Off Valve .....	1
9	550757	Bracket, Primary Filter Mtg. ....	1	21		Return Line Assembly .....	1
10	2C-512	Bolt, Filter to Bracket .....	4				
10A	2D-05	†Nut, Filter to Bracket .....	4				
10B	4E-05	†Lkwsr, Filter to Bracket .....	4				
10C	2C-616	†Bolt, Bracket to Frame .....	2				
10D	2D-06	†Nut, Bracket to Frame .....	2				
10E	4E-06	†Lkwsr, Bracket to Frame.....	2				
11	59F-6	Connector, Inverted Flare Tube....	1				
12		Fuel Line Assembly .....	1	514606		Effective Serial: 75A — 10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B — 6201D & thereafter 75R — 7155D & thereafter	
	514605	Effective with Serial: 75A — 10223D thru 10239D, 10241D thru 10246D, 10252D & thereafter 75B — 6201D & thereafter 75R — 7155D & thereafter		22	62F-6	Elbow — 90° .....	1
				23	553982	Fuel Line Ass'y, Primary to Second- ary Filter .....	1
				24	550757	Bracket, Secondary Filter Mtg. ....	1
				25	2C-512	Bolt, Filter to Bracket .....	4
				25A	2D-05	†Nut, Filter to Bracket .....	4
				25B	4E-05	†Lkwsr, Filter to Bracket .....	4
				25C	2C-616	†Bolt, Bracket to Frame .....	2
				25D	2D-06	†Nut, Bracket to Frame .....	2
				25E	4E-06	†Lkwsr, Bracket to Frame.....	2
13	59F-6	Connector, Inverted Flare Tube....	1	26	19F-3	Bushing, Reducing — 3/8 x 1/4 .....	1
14	692843	Pump, Hand Primer .....	1	27	618298	Elbow — 90° .....	1
14A	553986	†Bracket, Hand Primer Pump Mtg. ...	1	28	550876	Hose, Secondary Filter to Pump ...	1
14B	2C-1018	†Bolt, Pump to Bracket .....	2				
14C	14D-10	†Nut, Pump to Bracket.....	2				
14D	12E-10	†Lkwsr, Pump to Bracket.....	2				
14E	2C-620	†Bolt, Bracket to Frame .....	1				

† — Not Illustrated

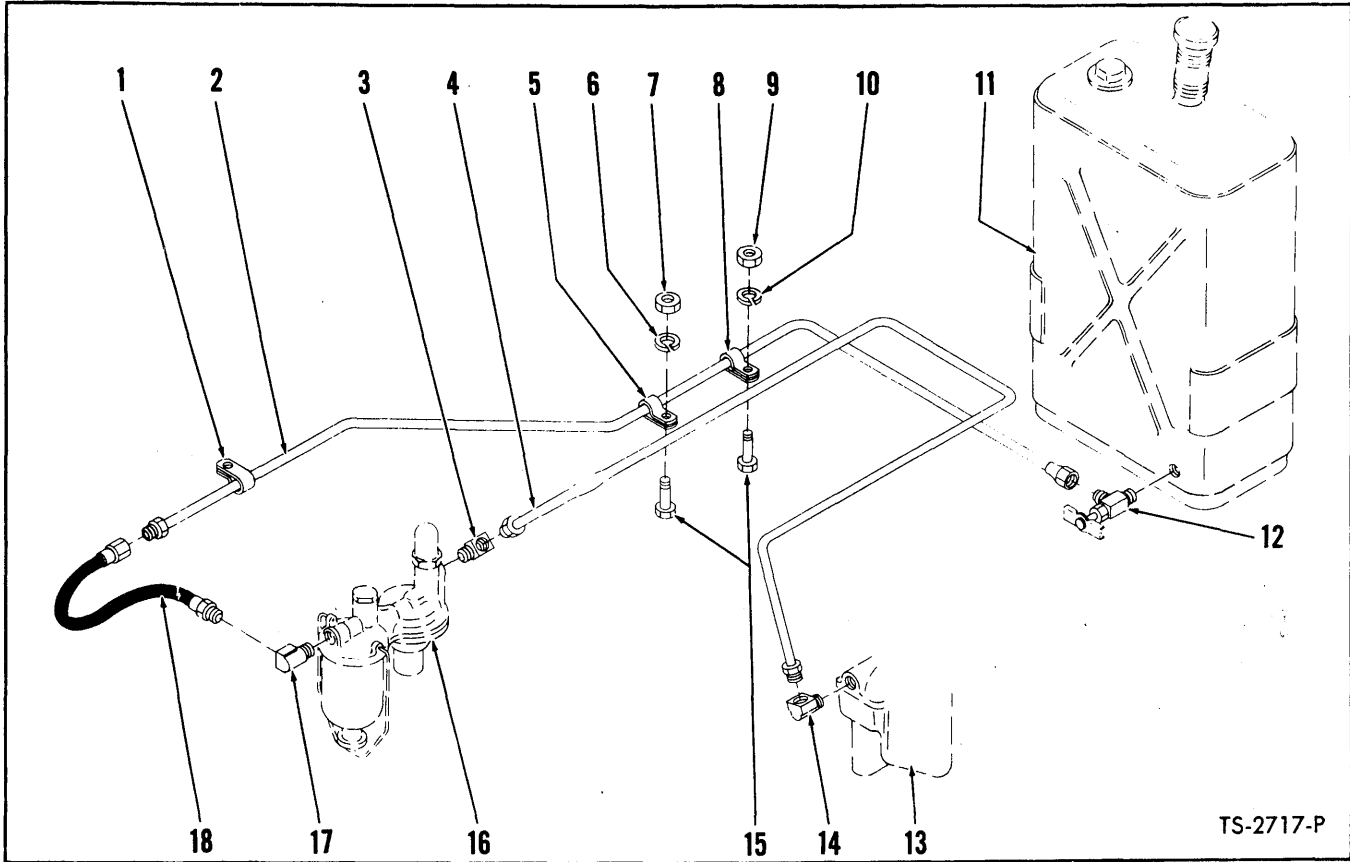


**FUEL LINES —G.M.**

Item No.	Part No.	Description	No. Req'd.
1	527609	HOSE, Fuel Return	1
2	531165	ELBOW, Nozzle to Hose	1
3	900148	LINE, Fuel Return	1
4	6H-10	CLIP, Fuel Line	5
5	----	FUEL TANK — See Index	—
6	69F-5	VALVE, Shut-Off	1
7	42F-6	ELBOW, Fuel Return Line to Tank	1
8	509291	LINE, Fuel Supply	1
9	30K-304	ELBOW, Hose to Filter	1
10	553973	HOSE, Fuel Supply	1
11	----	*FUEL FILTER	—

\*This part is furnished with engine, see your local GM distributor for service or replacement.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**FUEL LINES – GAS**

Item No.	Part No.	Description	No. Req'd.
1	6H-9	CLIP, Fuel Line	1
2		FUEL LINE, Tank to Fuel Pump	
2B	514608	For Serial Group "B" Below	1
3	62F-4	ELBOW, Line to Fuel Pump	1
4	552826	FUEL LINE, Fuel Pump to Carburetor	1
5	6H-9	CLIP, Fuel Line	1
6	4E-06	LKWSHR, Clip to Frame	1
7	2D-06	NUT, Clip to Frame	1
8	6H-9	CLIP, Fuel Line	1
9	2D-06	NUT, Clip to Frame	1
10	4E-06	LKWSHR, Clip to Frame	1
11	-----	FUEL TANK – (See Index)	—
12	69F-4	VALVE, Fuel Shut-Off	1
13	-----	CARBURETOR – (See Index)	—
14	62F-4	ELBOW, Line to Carburetor	1
15	2C-616	BOLT, Clip to Frame	2
16	-----	FUEL PUMP – (See Index)	—
17	620558	ELBOW, Hose to Fuel Pump	1
18	550984	HOSE, Line to Fuel Pump	1

**Serial Group "A":**

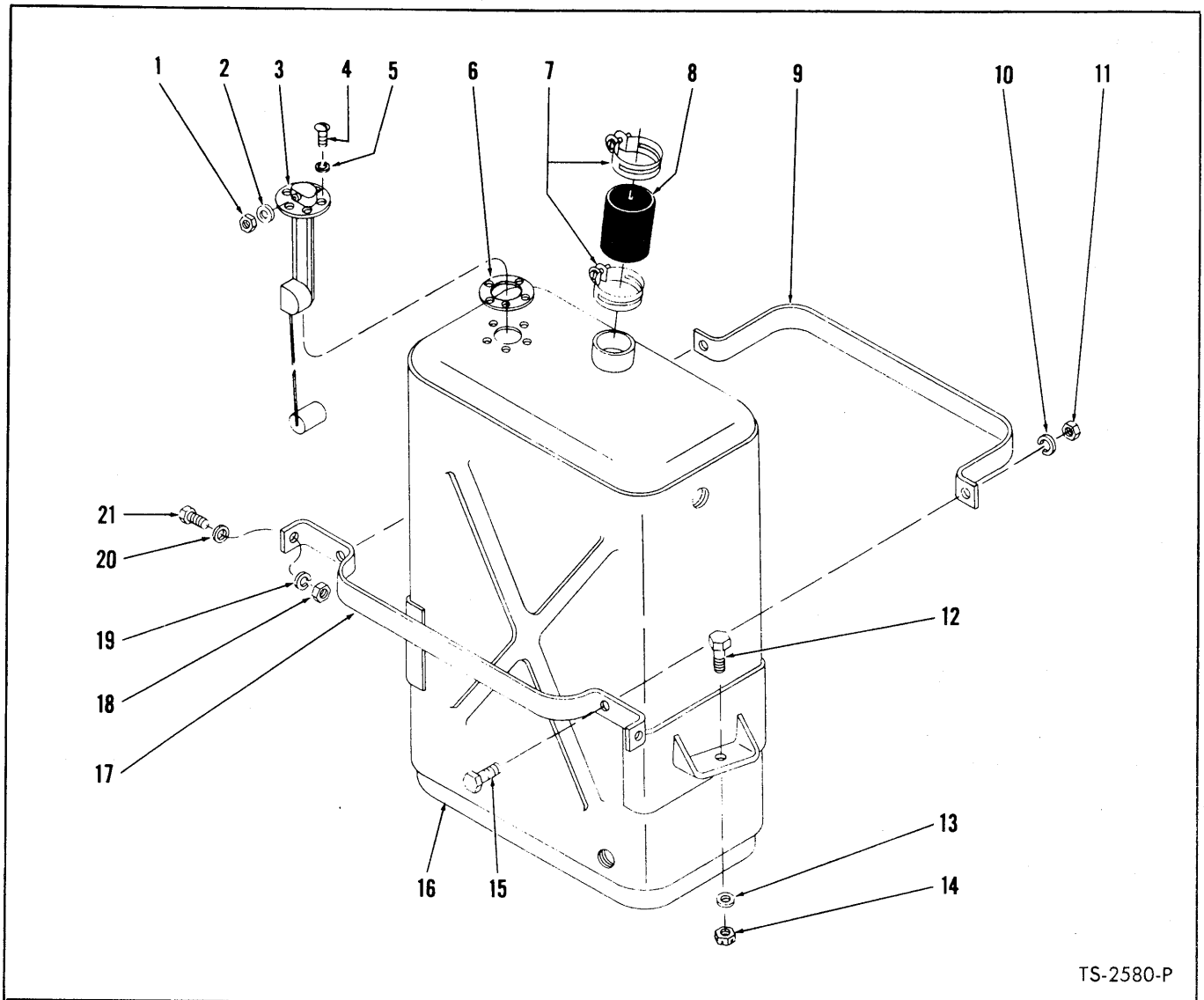
75A — 8123 thru 10222, 10240 and 10247 thru 10251  
 75B — 6123 thru 6200  
 75R — 7123 thru 7154

**Serial Group "B":**

75A — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 and thereafter  
 75B — 6201 thru 6270  
 75R — 7155 thru 7183

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





TS-2580-P

**FUEL TANK**

Item No.	Part No.	Description	No. Req'd.
1	14D-10	NUT, Sender Terminal	1
2	12E-10	LKWSHR, Sender Terminal	1
3	551384	SENDER UNIT, Fuel	1
4	3G-1008	SCREW, Sender Unit to Tank	5
5	12E-10	LKWSHR, Sender Unit to Tank	5
6	627982	GASKET, Sender Unit to Tank	1
7	522632	CLAMP, Hose	2
8	550712	HOSE, Fuel Filler	1
9	517617	STRAP, Fuel Tank Tie	1
10	4E-06	LKWSHR, Tie Strap to Mounting Strap	2
11	2D-06	NUT, Tie Strap to Mounting Strap	2
12	2C-828	BOLT, Fuel Tank to Frame	2
13		PAD, Fuel Tank to Frame	
13A	550711	For Serial Group "A" Below	2

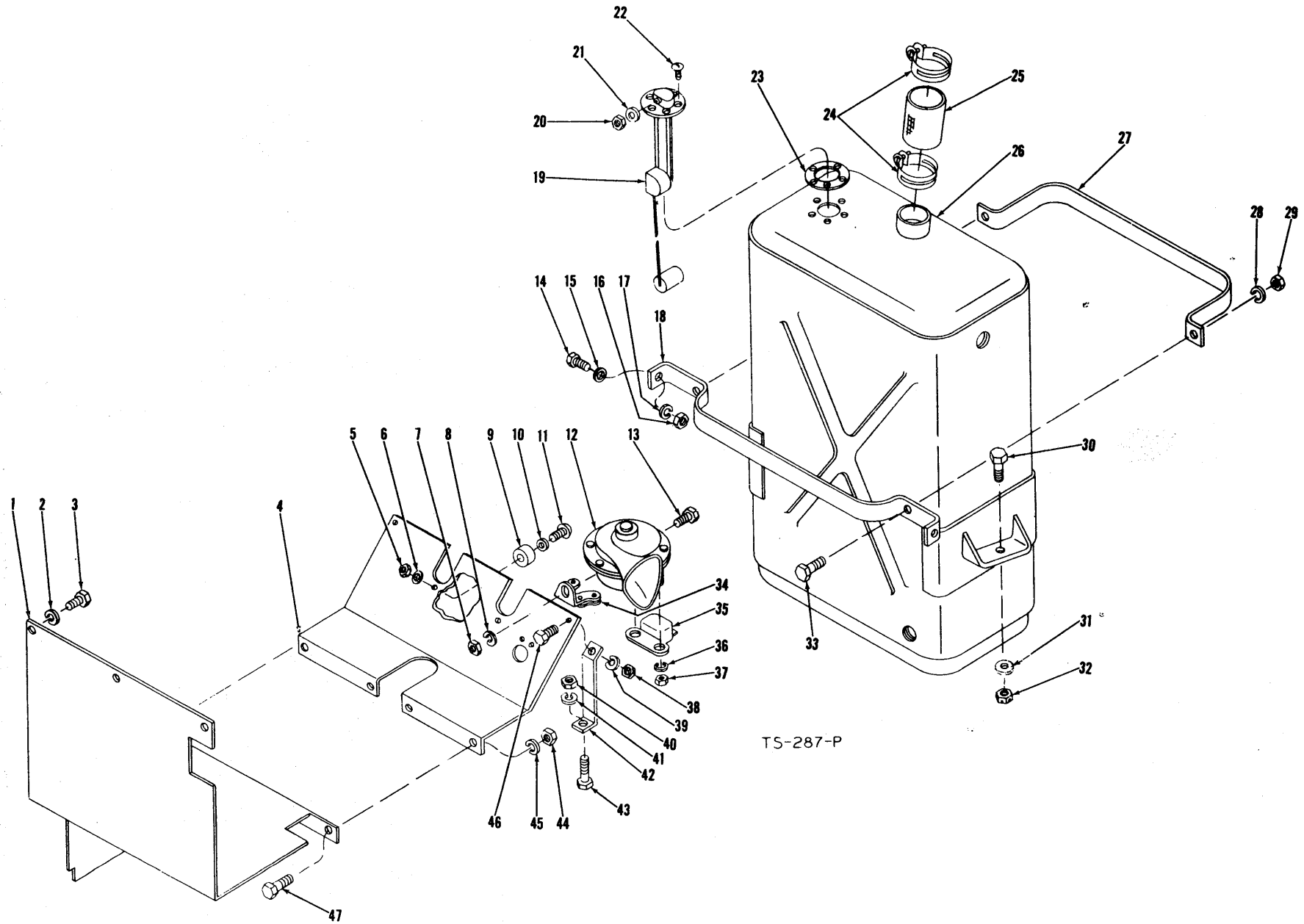
Item No.	Part No.	Description	No. Req'd.
14	21D-08	NUT, Fuel Tank to Frame	2
15	2C-616	BOLT, Tie Strap to Mounting Strap	2
16	517073	*TANK, Fuel	1
17	517616	STRAP, Fuel Tank Mounting	1
18	2D-06	NUT, Mounting Strap to Shroud	2
19	4E-06	LKWSHR, Mounting Strap to Shroud	2
20	103293	WASHER, Mounting Strap to Shroud	2
21	2C-616	BOLT, Mounting Strap to Shroud	2

**Serial Group "A":**  
 75A — 8123 thru 10557  
 75B — 6123 thru 6210  
 75R — 7123 thru 7157

**Serial Group "B":**  
 75A GAS — 10558 thru 12183, 1CA3170 and thereafter  
 75A DIESEL — 10558D thru 12183D, 1CB893 and thereafter  
 75B — 6211 thru 6270  
 75R — 7158 thru 7183

\*NOTE: When 517073 Fuel Tank is installed in machines in serial group "A" use one 942424 Fuel Tank Mounting Kit. 942424 Kit includes items 9 thru 15, 17 thru 21.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-287-P

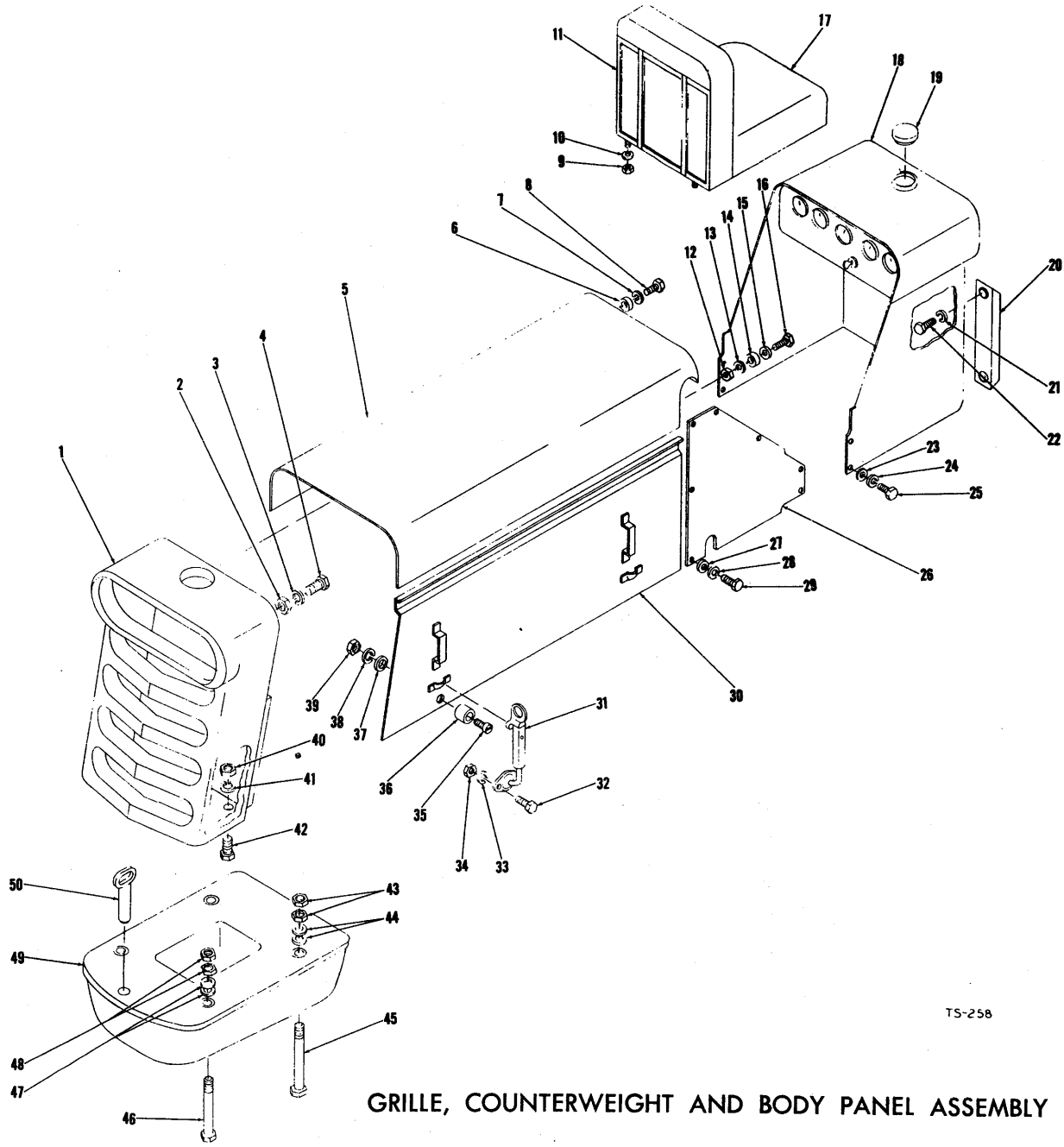


**FLOORBOARD, HORN AND FUEL TANK ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Floorboard Assembly — Rear.....	1	28	4E-06	Lkwshr, Tie Strap to Mtg. Strap.....	2
	552375	Effective with Serial: 75A — 8610 and thereafter		29	2D-06	Nut, Tie Strap to Mtg. Strap.....	2
2	4E-06	Lkwshr, Floorboard to Frame.....	3	30		Bolt, Fuel Tank to Frame.....	4
3	1C-612	Bolt, Floorboard to Frame.....	3		2C-828	Effective with Serial:.....	2
4		Floorboard Assembly — Front.....	1			75A — 10558 and thereafter	
	550748	Mechanical Starter				75B — 6211 and thereafter	
	550631	Solenoid Starter				75R — 7158 and thereafter	
5	14D-10	Nut, Bumper Mtg.....	2	31		Pad, Fuel Tank to Frame.....	2
6	13E-10	Lkwshr, Bumper Mtg.....	2		518233	Effective with Serial: 75A — 10558 and thereafter	
7	2D-06	Nut, Horn to Floorboard.....	1			75B — 6211 and thereafter	
8	4E-06	Lkwshr, Horn to Floorboard.....	1			75R — 7158 and thereafter	
9	302568	Bumper, Brake Pedal Return Stop..	2	32	21D-08	Nut, Fuel Tank to Frame.....	2
10	616775	Washer, Bumper Mtg.....	2	33	2C-616	Bolt, Tie Strap to Mtg. Strap.....	2
11	2G-1010	Screw, Bumper Mtg.....	2	34	621279	Bracket, Horn Mtg.....	1
12	647300	Horn.....	1	35	647310	Relay, Horn.....	1
13	2C-612	Bolt, Horn to Floorboard.....	1	36	4E-04	Lkwshr, Horn Bracket to Horn.....	2
14	2C-616	Bolt, Tank Mtg. Strap to Shroud...	2	37	2D-04	Nut, Horn Bracket to Horn.....	2
15	103293	Washer, Tank Mtg. Strap to Shroud	2	38	2D-06	Nut, Floorboard to Bracket.....	2
16	2D-06	Nut, Tank Mtg. Strap to Shroud...	2	39	4E-06	Lkwshr, Floorboard to Bracket.....	2
17	4E-06	Lkwshr, Tank Mtg. Strap to Shroud..	2	40	2D-06	Nut, Bracket to Frame.....	2
18	517616	Mounting Strap, Fuel Tank.....	1	41	4E-06	Lkwshr, Bracket to Frame.....	2
19	551384	Fuel Gauge, Tank.....	1	42	550632	Bracket, Floorboard Support.....	2
20	14D-10	Nut, Fuel Gauge Terminal.....	1	43	2C-620	Bolt, Bracket to Frame.....	2
21	12E-10	Lkwshr, Fuel Gauge Terminal.....	1	44	2D-06	Nut, Floorboard to Frame.....	6
22	3G-1008	Screw, Fuel Gauge to Tank.....	8	45	4E-06	Lkwshr, Floorboard to Frame.....	6
23	627982	Gasket, Fuel Gauge to Tank.....	1	46	2C-616	Bolt, Floorboard to Bracket.....	2
24	522632	Clamp, Fuel Filler Hose.....	2	47	2C-616	Bolt, Floorboard to Frame.....	6
25	550712	Hose, Fuel Filler.....	1				
26	*517073	Fuel Tank Assembly.....	1				
26A	942424	Fuel Tank Mtg. Kit (Inc. Items 14 thru 18 & 27 thru 33).....	1				
27	517617	Tie Strap, Fuel Tank.....	1				

\*For Machine Serials listed below, use Item 26A when installing #517073 Fuel Tank.

75A — 8123 thru 10557  
75B — 6123 thru 6210  
75R — 7123 thru 7157



GRILLE, COUNTERWEIGHT AND BODY PANEL ASSEMBLY

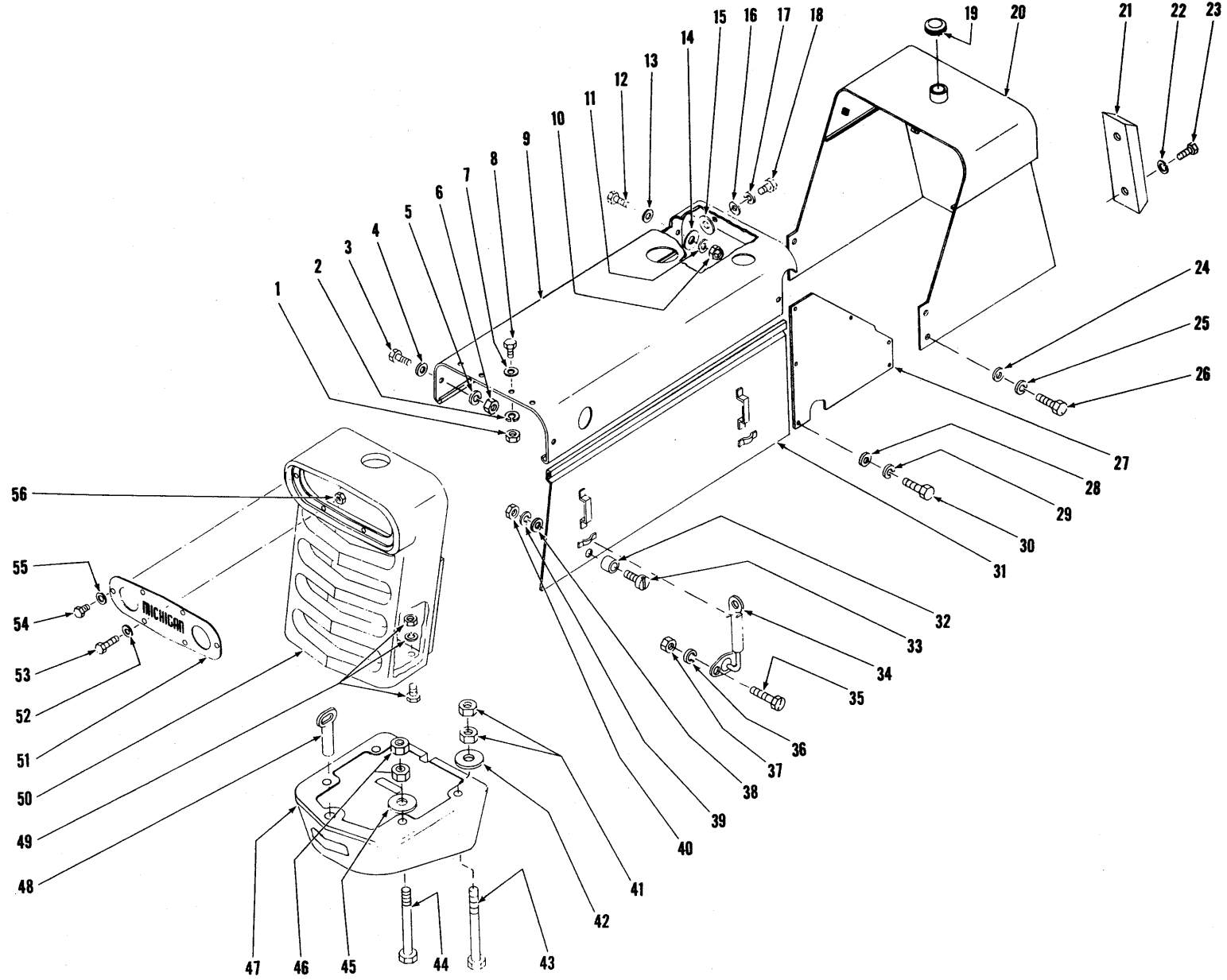
TS-258



**GRILLE, COUNTERWEIGHT AND BODY PANEL ASSEMBLY**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550252	Grille . . . . .	1	24	4E-06	Lkwshr, Shroud to Frame. . . . .	4
2	2D-06	Nut, Hood to Rear Grille. . . . .	6	25	2C-619	Bolt, Shroud to Frame. . . . .	4
3	4E-06	Lkwshr, Hood to Rear Grille. . . . .	6	26	550893	Side Panel . . . . .	2
4	2C-620	Bolt, Hood to Rear Grille. . . . .	2	27	103293	Washer, Side Panel . . . . .	12
	2C-616	Bolt, Hood to Rear Grille. . . . .	4	28	4E-06	Lkwshr, Side Panel . . . . .	12
5		Hood Assembly — GAS. . . . .	1	29	2C-610	Bolt, Side Panel. . . . .	12
				30		Hood Side Panel Assembly — R.H. . . . .	1
					514426	Effective with Serial: 75A—10223 thru 10239, 10241 thru 10246, 10252 and thereafter 75B—6201 and thereafter 75R—7155 and thereafter	
				30A		Hood Side Panel Assembly—L.H. . . . .	1
	514429	Effective with Serial: 75A—10223D thru 10239D, 10241D thru 10246D, 10252D and thereafter 75B—6201D and thereafter 75R—7123D and thereafter			514427	Effective with Serial: 75A—10223 thru 10239, 10241 thru 10246, 10252 and there- after 75B—6201 and thereafter 75R—7155 and thereafter	
6	518233	Pad, Hood to Frame. . . . .	2	31	552336	Hood Catch Assembly. . . . .	4
7	4E-08	Lkwshr, Hood to Frame. . . . .	2	32	3G-1016	Screw, Hood Catch Assembly. . . . .	8
8	2C-824	Bolt, Hood to Frame. . . . .	2	33	12E-10	Lkwshr, Hood Catch Assembly. . . . .	8
9	2D-06	Nut, Back Rest Cushion. . . . .	2	34	14D-10	Nut, Hood Catch Assembly. . . . .	8
10	4E-06	Lkwshr, Backrest Cushion . . . . .	2	35	2G-1014	Screw, Bumper . . . . .	4
11	550635	Cushion, Back Rest. . . . .	1	36	551434	Bumper, Hood Side Panel. . . . .	4
12	103376	Nut, Hood to Frame Lock. . . . .	2	37	616775	Washer, Bumper . . . . .	4
13	551835	Washer, Hood to Frame. . . . .	2	38	13E-10	Lkwshr, Bumper . . . . .	4
14	518233	Pad, Hood to Frame. . . . .	2	39	14D-10	Nut, Bumper . . . . .	4
15	551835	Washer, Hood to Frame. . . . .	2	40	2D-10	Nut, Grille . . . . .	2
16	2C-622	Bolt, Hood to Frame. . . . .	2	41	4E-10	Lkwshr, Grille . . . . .	2
17	550634	Cushion, Seat . . . . .	1	42	2C-1052	Bolt, Grille . . . . .	2
17A	550636	†Seat Support Assembly. . . . .	1	42	2D-12	Nut, Counterweight to Frame. . . . .	4
17B	2C-616	†Bolt, Seat Support Assembly. . . . .	4	44	616813	Washer, Counterweight to Frame. . . . .	2
17C	2D-06	†Nut, Seat Support Assembly. . . . .	4	45	550584	Bolt, Counterweight to Frame. . . . .	2
17D	4E-06	†Lkwshr, Seat Support Assembly. . . . .	4	46	550585	Bolt, Counterweight to Frame. . . . .	2
18	550833	Front Shroud Ass'y. (Inc. Item 19).. . . .	1	47	616813	Washer, Counterweight to Frame. . . . .	2
19	551544	Cap, Fuel Tank . . . . .	1	48	2D-12	Nut, Counterweight to Frame. . . . .	4
20	551539	Bar, Bumper . . . . .	2	49	550583	Counterweight . . . . .	1
21	4E-08	Lkwshr, Bumper Bar to Brace. . . . .	4	50	550586	Drawbar Pin Assembly. . . . .	1
22	2C-836	Bolt, Bumper Bar to Brace. . . . .	4				
23	103293	Washer, Shroud to Frame. . . . .	4				

† — Not Illustrated



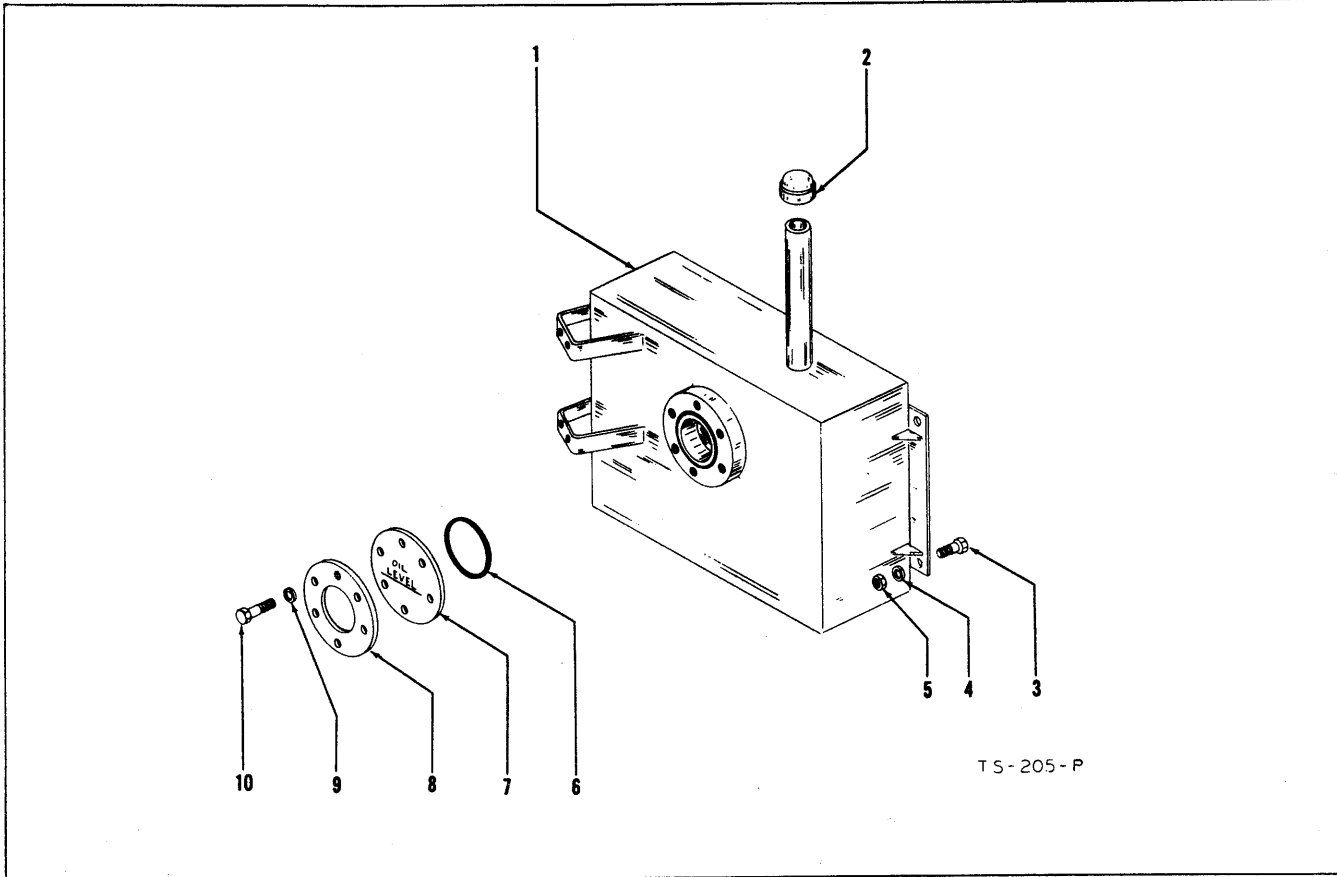
GRILLE, COUNTERWEIGHT, HOOD AND SHROUDS

TS-2603-P

**GRILLE, COUNTERWEIGHT, HOOD AND SHROUDS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2D-06	NUT, Hood to Grille	4	32	551434	BUMPER, Hood Side Panel	4
2	4E-06	LKWSHR, Hood to Grille	4	33	2G-1014	SCREW, Bumper to Panel	4
3	2C-620	BOLT, Radiator & Hood to Grille	2	34	552336	CATCH, Hood Side Panel	4
4	551835	WASHER, Radiator & Hood to Grille	2	35	3G-1016	SCREW, Catch to Frame	8
5	4E-06	LKWSHR, Radiator & Hood to Grille	2	36	12E-10	LKWSHR, Catch to Frame	8
6	2D-06	NUT, Radiator & Hood to Grille	2	37	12D-10	NUT, Catch to Frame	8
7	551835	WASHER, Hood to Grille	4	38	616775	WASHER, Bumper to Panel	4
8	2C-616	BOLT, Hood to Grille	4	39	13E-10	LKWSHR, Bumper to Panel	4
9		HOOD		40	14D-10	NUT, Bumper to Panel	4
9C	117160	DIESEL—For Serial Group "B" Below	1	41	62D-12	NUT, Counterweight to Frame	4
9D	117230	DIESEL—Volvo	1	42	616813	WASHER, Counterweight to Frame	4
10	103376	NUT, Hood to Frame	2	43		BOLT, Counterweight to Frame	
11	619026	WASHER, Hood to Frame	2	43A	16C-12224	For Standard Machines	2
12	2C-622	BOLT, Hood to Frame	2	44		BOLT, Counterweight to Frame	
13	551835	WASHER, Hood to Frame	2	44A	16C-12180	For Standard Machines	2
14	518233	PAD, Rubber — Hood to Frame	2	45	616813	WASHER, Counterweight to Frame	2
15	518233	PAD, Rubber — Hood to Frame	2	46	62D-12	NUT, Counterweight to Frame	4
16	616791	WASHER, Hood to Frame	2	47		COUNTERWEIGHT	
17	4E-08	LKWSHR, Hood to Frame	2	47A	550583	For Standard Machines	1
18	2C-824	BOLT, Hood to Frame	2	48	550586	PIN, Drawbar	1
19	551544	CAP, Fuel Tank	1	49	2C-1052	BOLT, Grille to Frame	2
20	550833	SHROUD, Front	1	49A	2D-10	NUT, Grille to Frame	2
21	551539	BAR, Bumper	2	49B	4E-10	LKWSHR, Grille to Frame	2
22	4E-08	LKWSHR, Bumper Bar to Frame	4	50	550252	GRILLE	1
23	2C-836	BOLT, Bumper Bar to Frame	4	51	550880	PLATE, Back-Up Lamp Mounting	1
24	103293	WASHER, Shroud to Frame	4	52	4E-05	LKWSHR, Plate to Grille	2
25	4E-06	LKWSHR, Shroud to Frame	4	53	1C-520	BOLT, Plate to Grille	2
26	2C-610	BOLT, Shroud to Frame	4	54	1C-510	BOLT, Plate to Grille	4
27	550893	PANEL, Side	2	55	4E-05	LKWSHR, Plate to Grille	4
28	103293	WASHER, Side Panel to Frame	12	56	1D-05	NUT, Plate to Grille	2
29	4E-06	LKWSHR, Side Panel to Frame	12			<b>Serial Group "A":</b>	
30	2C-610	BOLT, Side Panel to Frame	12			75A — 8123 thru 10222, 10240 and 10247 thru 10251	
31		PANEL, Hood Side				75B — 6123 thru 6200	
31B	514426	R.H. — For Serial Group "B" Below	1			75R — 7123 thru 7154	
31D	514427	L.H. — For Serial Group "B" Below	1			<b>Serial Group "B":</b>	
						75A GAS — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 and thereafter	
						75A DIESEL — 10223D thru 12183D, 1CB893 and thereafter	
						75B — 6201 thru 6270	
						75R — 7155 thru 7183	

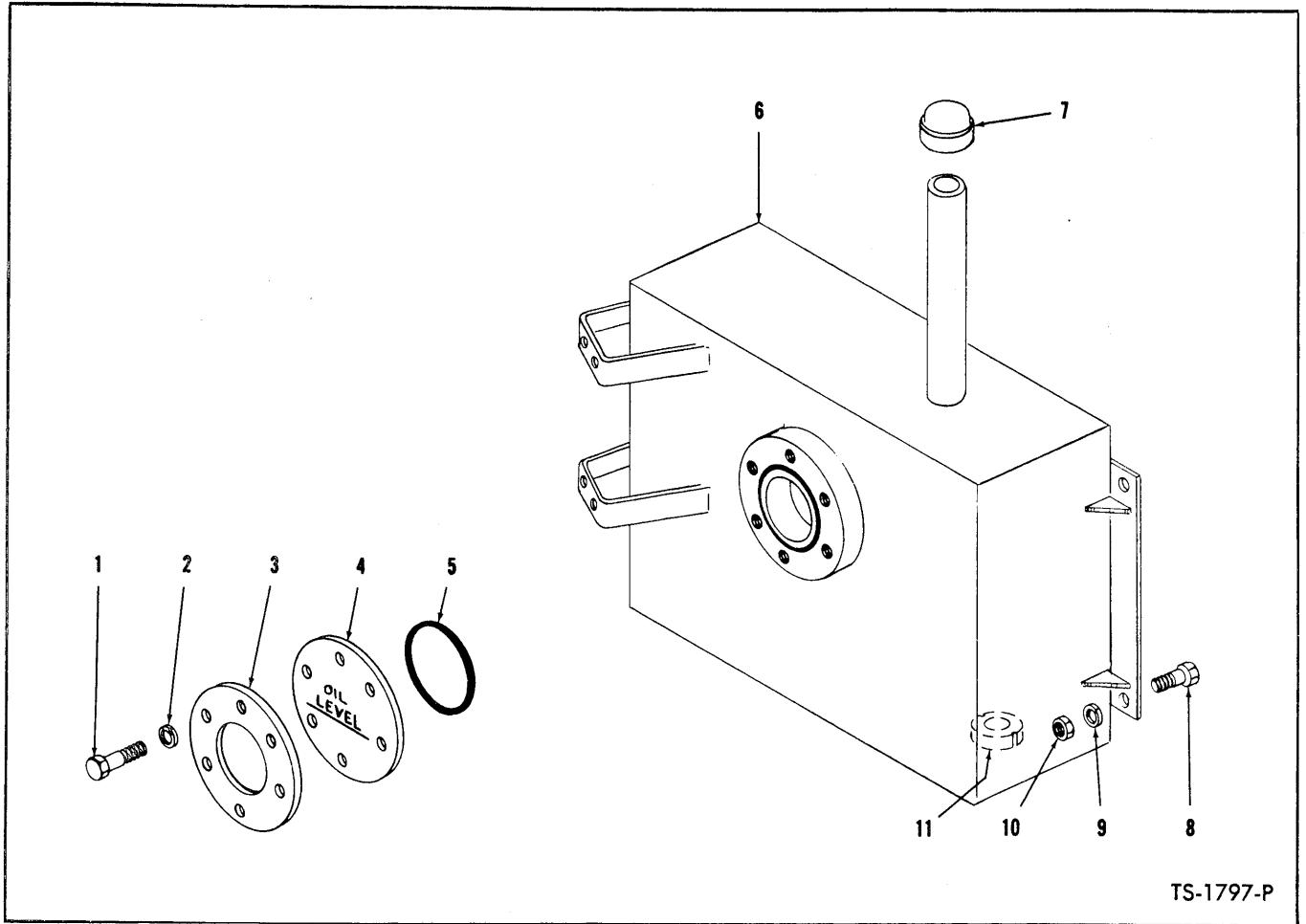
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC OIL RESERVOIR AND PARTS**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
						<del>75B — 6163 and thereafter</del>	
						<del>75R — 7142 and thereafter</del>	
				7	550389	Cover, Inspection . . . . .	1
				8	550398	Clamp Ring, Inspection Cover. . . . .	1
				9	618319	Copper Washer, Inspection Cover. . . . .	6
						For Serial:	
						75A — 8123 thru 9279	
						75B — 6123 thru 6162	
						75R — 7123 thru 7141	
					4E-06	Lkwshr, Inspection Cover. . . . .	6
						For Serial:	
						75A — 9280 and thereafter	
						75B — 6163 and thereafter	
						75R — 7142 and thereafter	
1A	553284	Oil Reservoir . . . . .	1	10	2C-616	Bolt, Inspection Cover. . . . .	6
		Effective with Serial:		11	11F-12	Pipe Plug — For Serial . . . . .	1
		75A — 9280 and thereafter				75A — 9280 thru 10222, 10240	
		75B — 6163 and thereafter				and 10247 thru 10251	
		75R — 7142 and thereafter				75B — 6163 thru 6200	
		For Serial:				75R — 7142 thru 7154	
		75A — 8123 thru 9279					
		75B — 6123 thru 6162					
		75R — 7123 thru 7141					
2	550388	Cap, Breather . . . . .	1				
3	2C-820	Bolt, Reservoir Mtg. . . . .	3				
4	4E-08	Lkwshr, Reservoir Mtg. . . . .	3				
5	2D-08	Nut, Reservoir Mtg. . . . .	3				
6	550397	Gasket, Inspection Cover. . . . .	1				
		For Serial:					
		75A — 8123 thru 9279					
		75B — 6123 thru 6162					
		75R — 7123 thru 7141					
6A	25K-40428	"O" Ring, Inspection Cover. . . . .	1				
		Effective with Serial:					
		75A — 9280 and thereafter					





**HYDRAULIC OIL RESERVOIR**

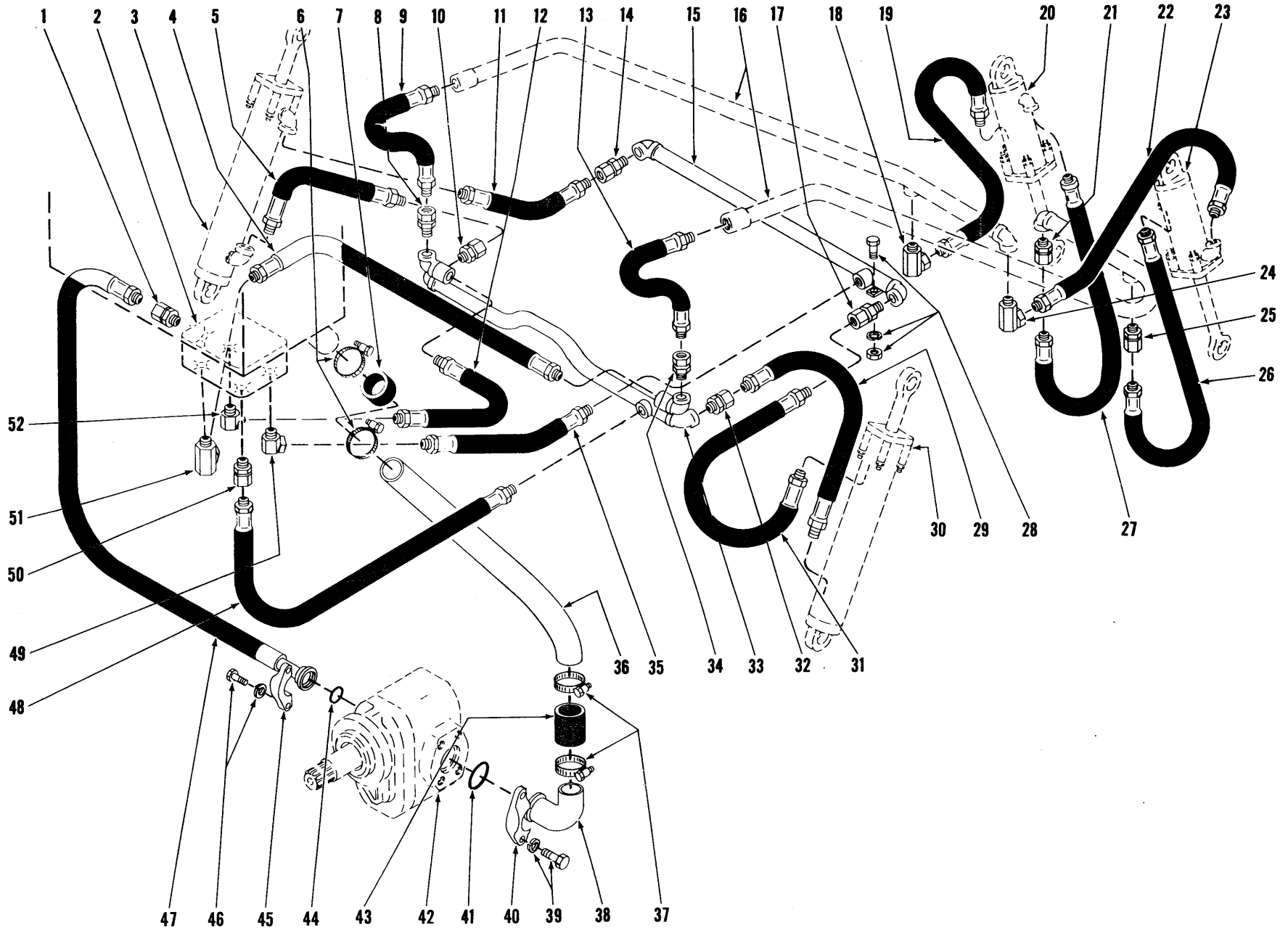
Item No.	Part No.	Description	No. Req'd.
1	2C-616	BOLT, Inspection Cover	6
2	4E-06	LKWSHR, Inspection Cover	6
3	550398	RING, Inspection Cover Clamp	1
4	550389	COVER, Reservoir Inspection	1
5		"O" RING, Inspection Cover	
5B	25K-40428	"O" RING — For Serial Group "B" Below	1
6	553284	*RESERVOIR, Hydraulic Oil	1
7	604639	CAP, Reservoir Breather	1
8	2C-820	BOLT, Reservoir to Frame	3
9	4E-08	LKWSHR, Reservoir to Frame	3
10	2D-08	NUT, Reservoir to Frame	3
11	525293	MAGNET, Reservoir	1
12	11F-12	†PLUG, Reservoir	1

†Not Illustrated

\*NOTE: When 558284 Reservoir is installed in machine serial numbers listed below items 1 thru 5, 6, 11, 1 — 553340 Hose, 2 — 784663 Clamps and 1 — 553339 Nipple must be used.

75A — 8123 thru 9279  
 75B — 6123 thru 6162  
 75R — 7123 thru 7141

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC PUMP — BUCKET AND BOOM

TS-2154-P

PM 5010

118

(1G-12)

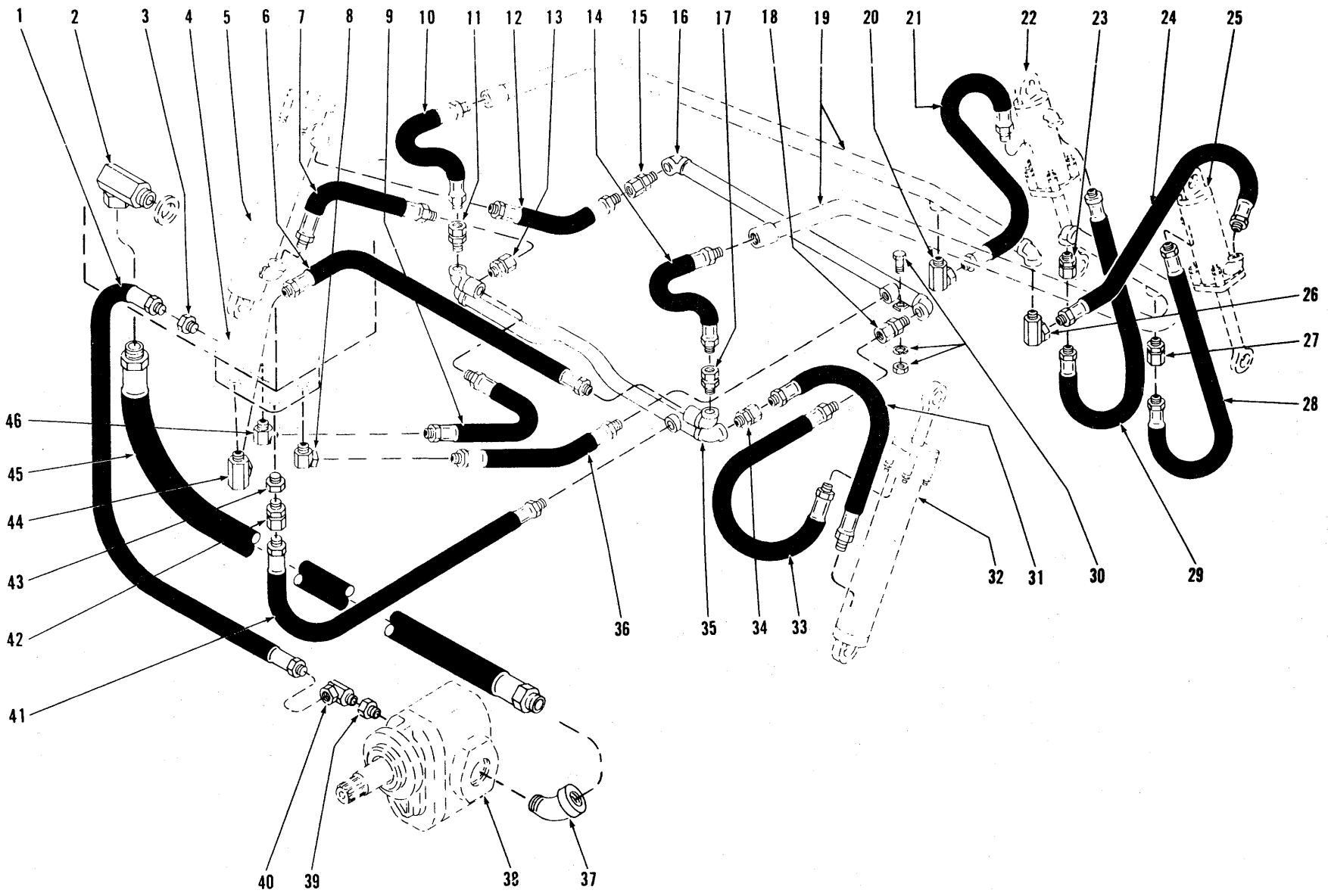
**HYDRAULIC SYSTEM — BUCKET AND BOOM — 75A**

For Serial: **GAS — 1CA3419 and thereafter**  
**DIESEL — 1CB969 and thereafter**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	36F-5	ADAPTER UNION	1	27	645432	HOSE, R.H. Boom Pipe to Bucket Cyl.	1
2	-----	CONTROL VALVE — (See Index)	—	28	2C-620	BOLT, Crosspipe Attaching	4
3	-----	BOOM CYLINDER — (See Index)	—	28A	2D-06	NUT, Crosspipe Attaching	4
4	645432	HOSE, Valve to Crosspipe — Bucket Cylinder Line	1	28B	4E-06	LKWSHR, Crosspipe Attaching	4
5	691800	HOSE, Crosspipe to Boom Cyl. Base	1	29	691800	HOSE, Crosspipe to Boom Cyl. Base	1
6	784663	CLAMP, Hose	2	30	-----	BOOM CYLINDER — (See Index)	—
7	593173	HOSE, Tube to Reservoir	1	31	616533	HOSE, Crosspipe to Boom Cyl. Top	1
8	36F-5	ADAPTER UNION	1	32	36F-5	ADAPTER UNION	1
9	658914	HOSE, Crosspipe to L.H. Boom Pipe	1	33	550725	CROSSPIPE	1
10	36F-5	ADAPTER UNION	1	34	36F-5	ADAPTER UNION	1
11	616533	HOSE, Crosspipe to Boom Cyl. Top	1	35	550724	HOSE, Valve to Crosspipe	1
12	616533	HOSE, Valve to Crosspipe — Bucket Cylinder Line	1	36	531002	TUBE, Reservoir to Pump — Suction	1
13	658914	HOSE, Crosspipe to R.H. Boom Pipe	1	37	784663	CLAMP, Hose	2
14	36F-5	ADAPTER UNION	1	38	531003	STEM, Pump	1
15	550728	CROSSPIPE	1	39	1C-724	BOLT, Flange Half to Pump	4
16	-----	BOOM PIPE — (See Index)	—	39A	4E-07	LKWSHR, Flange Half to Pump	4
17	36F-5	ADAPTER UNION	1	40	663094	FLANGE HALF	2
18	31F-5	ADAPTER UNION	1	41	25K-40116	"O" RING, Hose to Pump	1
19	691800	HOSE, L.H. Boom Pipe to Bucket Cyl.	1	42	-----	PUMP ASSY, Bucket & Boom (See Index)	1
20	-----	BUCKET CYLINDER — (See Index)	—	43	593173	HOSE, Tube to Stem	1
21	36F-5	ADAPTER UNION	1	44	25K-40110	"O" RING, Hose to Pump	1
22	691800	HOSE, L.H. Boom Pipe to Bucket Cyl.	1	45	663093	FLANGE HALF	2
23	-----	BUCKET CYLINDER — (See Index)	1	46	1C-620	BOLT, Flange Half to Pump	4
24	31F-5	ADAPTER UNION	1	46A	4E-06	LKWSHR, Flange Half to Pump	4
25	36F-5	ADAPTER UNION	1	47	531004	HOSE, Pump to Valve — Pressure	1
26	645432	HOSE, R.H. Boom Pipe to Bucket Cyl.	1	48	610386	HOSE, Valve to Crosspipe	1
				49	33F-5	ADAPTER UNION	1
				50	36F-5	ADAPTER UNION	1
				51	31F-5	ADAPTER UNION	1
				52	33F-5	ADAPTER UNION	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC SYSTEM - BUCKET AND BOOM - WAUKESHA

TS-2591-P

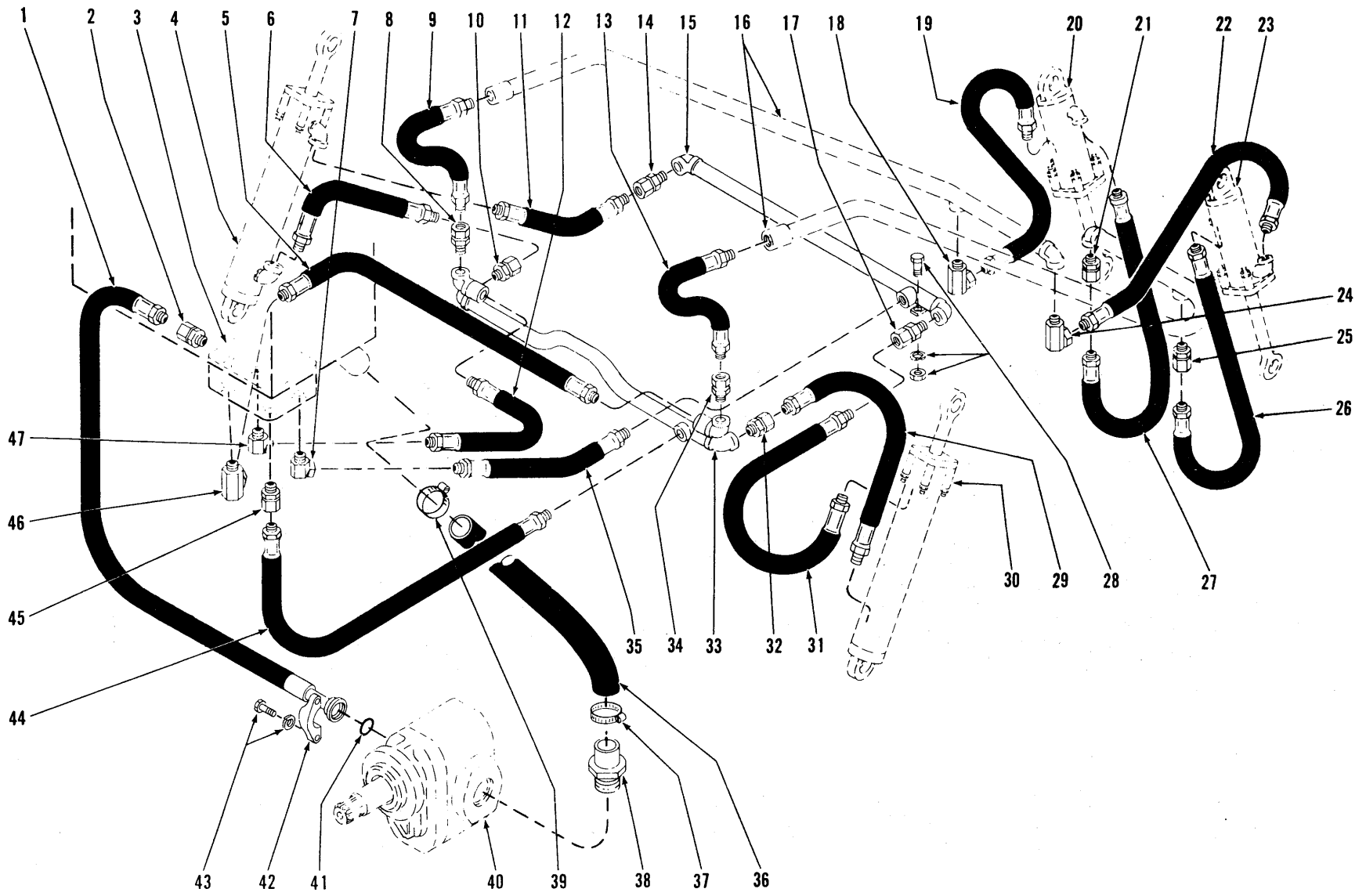
**HYDRAULIC SYSTEM — BUCKET AND BOOM — WAUKESHA**~~For Serial: 75A — 8123 thru 9745~~~~75B — 6123 thru 6184~~~~75R — 7123 thru 7150~~

Item No.	Part No.	Description	No. Req'd.
1	550724	HOSE, Pump to Valve	1
2	31F-7	**ADAPTER UNION	1
3	356621	BUSHING, Valve Reducing	1
4	-----	CONTROL VALVE — (See Index)	—
5	-----	BOOM CYLINDER — (See Index)	—
6	645432	HOSE, Valve to R.H. Rear Crosspipe	1
7	691800	*HOSE, Crosspipe to Boom Cylinder	1
8	33F-5	ADAPTER UNION	1
9	616533	HOSE, Valve to L.H. Rear Crosspipe	1
10	658914	*HOSE, Crosspipe to Boom Pipe	1
11	36F-5	ADAPTER UNION	1
12	616533	*HOSE, Crosspipe to Boom Cylinder	1
13	36F-5	ADAPTER UNION	1
14	658914	*HOSE, Crosspipe to Boom Pipe	1
15	36F-5	ADAPTER UNION	1
16	550728	CROSSPIPE, Front	1
17	36F-5	ADAPTER UNION	1
18	36F-5	ADAPTER UNION	1
19	-----	BOOM PIPE — (See Index)	—
20	31F-5	ADAPTER UNION	1
21	691800	HOSE, Boom Pipe to Bucket Cylinder	1
22	-----	BUCKET CYLINDER — (See Index)	—
23	36F-5	ADAPTER UNION	1
24	691800	HOSE, Boom Pipe to Bucket Cylinder	1
25	-----	BUCKET CYLINDER — (See Index)	—
26	31F-5	ADAPTER UNION	1
27	36F-5	ADAPTER UNION	1
28	645432	*HOSE, Boom Pipe to Bucket Cylinder	1
29	645432	*HOSE, Boom Pipe to Bucket Cylinder	1
30	2C-620	BOLT, Crosspipe Attaching	4
30A	2D-06	NUT, Crosspipe Attaching	4
30B	4E-06	LKWSHR, Crosspipe Attaching	4
31	691800	*HOSE, Crosspipe to Boom Cylinder	1
32	-----	BOOM CYLINDER — (See Index)	—
33	616533	*HOSE, Crosspipe to Boom Cylinder	1
34	36F-5	ADAPTER UNION	1
35	550725	CROSSPIPE, Front	1
36	550724	HOSE, Valve to Front Crosspipe	1
37	25F-7	**ELBOW, Hose to Pump	1
38	-----	PUMP, Bucket & Boom — (See Index)	—
39	356621	BUSHING, Pump Reducing	1
40	31F-5	ADAPTER UNION	1
41	610386	HOSE, Valve to Rear Crosspipe	1
42	36F-5	ADAPTER UNION	1
43	356621	BUSHING, Valve Reducing	1
44	33F-5	ADAPTER UNION	1
45	550718	**HOSE, Reservoir to Pump — Suction	1
46	31F-5	ADAPTER UNION	1

\*NOTE: When installing hose Items 7, 10, 12, 14, 28, 29, 31 and 33 in place of swivel end hoses, one 36F-5 Adapter Union must be used with each hose replaced.

\*\*NOTE: Machine Serial 9280 thru 9745 were equipped with a different suction line in this location. Refer to Page 145, Items 36 thru 39 for suction line parts for these machines.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC SYSTEM - BUCKET AND BOOM - WAUKESHA

TS-2590-P



HYDRAULIC SYSTEM — BUCKET AND BOOM — WAUKESHA

Item No.	Part No.	Description	No. Req'd.
1	553419	HOSE, Pump to Valve — Pressure .....	1
2	36F-5	ADAPTER UNION .....	1
3	-----	CONTROL VALVE — See Index .....	—
4	-----	BOOM CYLINDER — See Index .....	—
5	645432	**HOSE, Valve to R.H. Rear Crosspipe .....	1
6	691800	*HOSE, Crosspipe to Boom Cylinder .....	1
7	33F-5	ADAPTER UNION .....	1
8	36F-5	ADAPTER UNION .....	1
9	658914	*HOSE, Crosspipe to Boom Pipe .....	1
10	36F-5	ADAPTER UNION .....	1
11	616533	*HOSE, Crosspipe to Boom Cylinder .....	1
12	616533	HOSE, Valve to L.H. Rear Crosspipe .....	1
13	658914	*HOSE, Crosspipe to Boom Pipe .....	1
14	36F-5	ADAPTER UNION .....	1
15	550728	CROSSPIPE, Front .....	1
16	-----	BOOM PIPE — See Index .....	—
17	36F-5	ADAPTER UNION .....	1
18	31F-5	ADAPTER UNION .....	1
19	691800	HOSE, Boom Pipe to Bucket Cylinder .....	1
20	-----	BUCKET CYLINDER — See Index .....	—
21	36F-5	ADAPTER UNION .....	1
22	691800	HOSE, Boom Pipe to Bucket Cylinder .....	1
23	-----	BUCKET CYLINDER — See Index .....	—
24	31F-5	ADAPTER UNION .....	1
25	36F-5	ADAPTER UNION .....	1
26	645432	*HOSE, Boom Pipe to Bucket Cylinder .....	1
27	645432	*HOSE, Boom Pipe to Bucket Cylinder .....	1
28	2C-620	BOLT, Crosspipe Attaching .....	4
28A	2D-06	NUT, Crosspipe Attaching .....	4
28B	4E-06	LKWSHR, Crosspipe Attaching .....	4
29	691800	*HOSE, Crosspipe to Boom Cylinder .....	1
30	-----	BOOM CYLINDER — See Index .....	—
31	616533	*HOSE, Crosspipe to Boom Cylinder .....	1
32	36F-5	ADAPTER UNION .....	1
33	550725	CROSSPIPE, Rear .....	1
34	36F-5	ADAPTER UNION .....	1
35	550724	HOSE, Valve to Rear Crosspipe .....	1
36	553340	HOSE, Reservoir to Pump — Suction .....	1
37	784663	CLAMP, Hose .....	1
38	553339	NIPPLE, Hose to Pump .....	1
39	784663	CLAMP, Hose .....	1
40	-----	PUMP, Bucket & Boom — See Index .....	—
41	25K-40110	"O" RING, Hose to Pump .....	1
42	663093	FLANGE HALF, Hose to Pump .....	2
43	1C-620	BOLT, Flange Half to Pump .....	4
43A	4E-06	LKWSHR, Flange Half to Pump .....	4
44	610386	HOSE, Valve to Front Crosspipe .....	1
45	36F-5	ADAPTER UNION .....	1
46	31F-5	ADAPTER UNION .....	1
47	33F-5	ADAPTER UNION .....	1

\*NOTE: When installing hose Items 6, 9, 11, 13, 26, 27, 29 and 31 in place of swivel end hoses one 36F-5 Adapter Union must be used with each hose replaced.

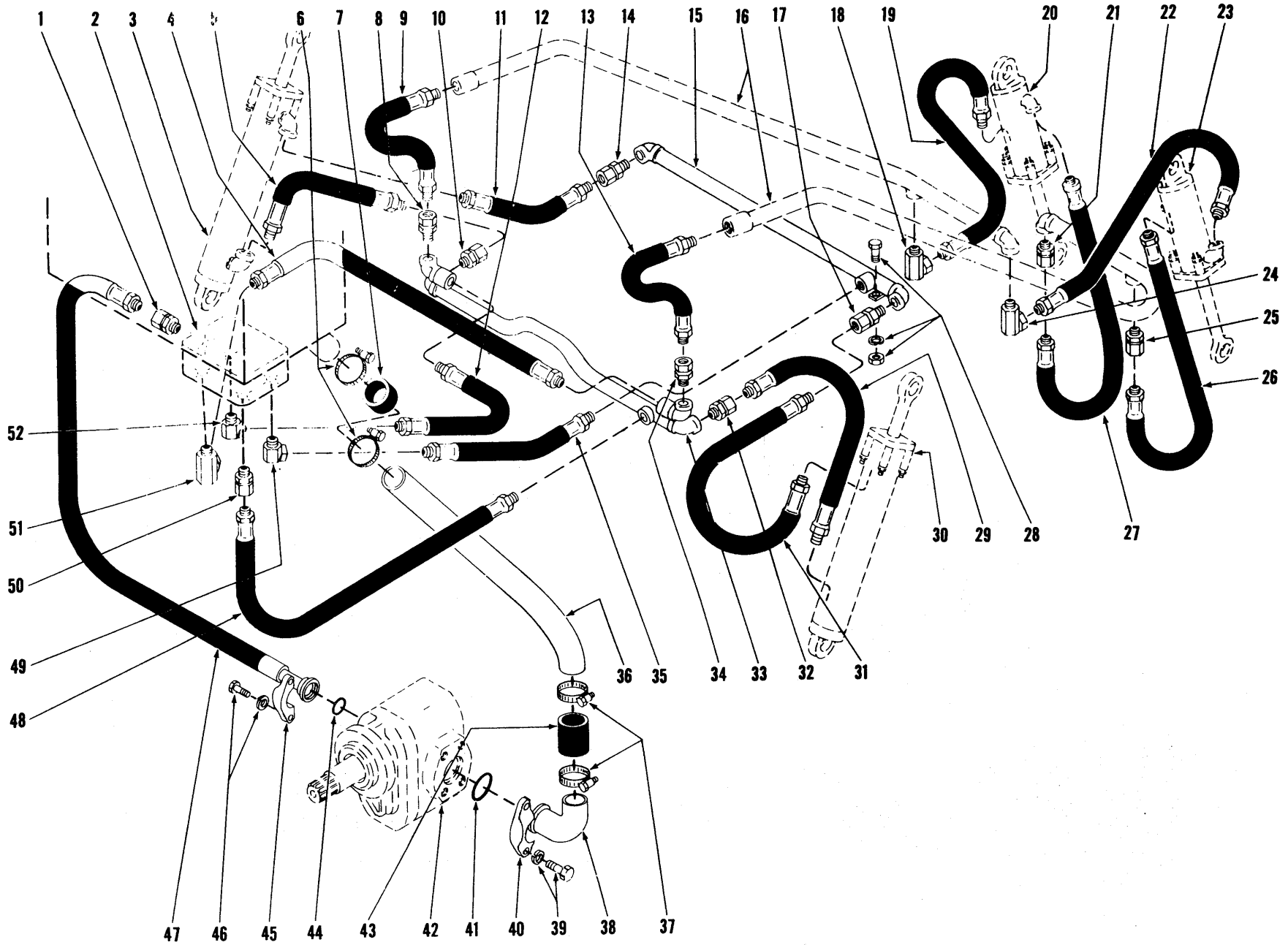
\*\*NOTE: Machines equipped with Parker Control Valve (Serial numbers listed below) were equipped with a 613337 Hose in this location. Hose was attached to Valve with one 32F-5 Adapter Union, one 5K-620 Nipple and one 522969 Bushing in place of 33F-5 Adapter Union, Item 47.

75A — 11369 thru 11391, 11393 thru 11488, 12019 thru 12041, 12044 thru 12078.

75B — 6252 thru 6258.

75R — 7180 and 7181.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



HYDRAULIC PUMP – BUCKET AND BOOM – WAUKESHA

TS-2154-P

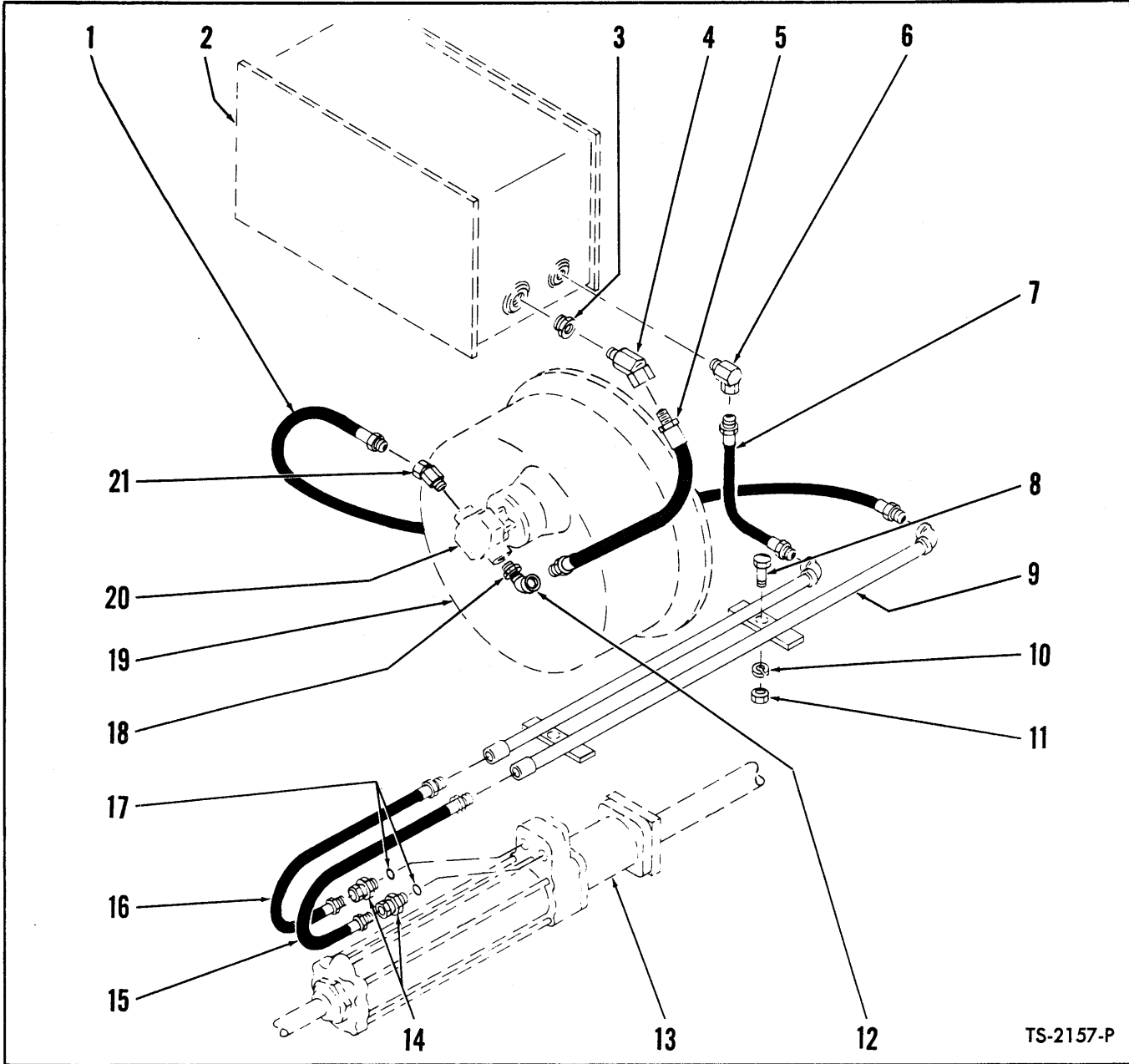


**HYDRAULIC SYSTEM — BUCKET AND BOOM — 75A — WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	36F-5	ADAPTER UNION	1	27	645432	HOSE, R.H. Boom Pipe to Bucket Cyl.	1
2	-----	CONTROL VALVE — (See Index)	—	28	2C-620	BOLT, Crosspipe Attaching	4
3	-----	BOOM CYLINDER — (See Index)	—	28A	2D-06	NUT, Crosspipe Attaching	4
4	645432	HOSE, Valve to Crosspipe — Bucket Cylinder Line	1	28B	4E-06	LKWSHR, Crosspipe Attaching	4
5	691800	HOSE, Crosspipe to Boom Cyl. Base	1	29	691800	HOSE, Crosspipe to Boom Cyl. Base	1
6	784663	CLAMP, Hose	2	30	-----	BOOM CYLINDER — (See Index)	—
7	536710	HOSE, Tube to Reservoir	1	31	616533	HOSE, Crosspipe to Boom Cyl. Top	1
8	36F-5	ADAPTER UNION	1	32	36F-5	ADAPTER UNION	1
9	658914	HOSE, Crosspipe to L.H. Boom Pipe	1	33	550725	CROSSPIPE	1
10	36F-5	ADAPTER UNION	1	34	36F-5	ADAPTER UNION	1
11	616533	HOSE, Crosspipe to Boom Cyl. Top	1	35	550724	HOSE, Valve to Crosspipe	1
12	616533	HOSE, Valve to Crosspipe — Bucket Cylinder Line	1	36	531002	TUBE, Reservoir to Pump — Suction	1
13	658914	HOSE, Crosspipe to R.H. Boom Pipe	1	37	784663	CLAMP, Hose	2
14	36F-5	ADAPTER UNION	1	38	531003	STEM, Pump	1
15	550728	CROSSPIPE	1	39	1C-724	BOLT, Flange Half to Pump	4
16	-----	BOOM PIPE — (See Index)	—	39A	4E-07	LKWSHR, Flange Half to Pump	4
17	36F-5	ADAPTER UNION	1	40	1511520	FLANGE HALF	2
18	31F-5	ADAPTER UNION	1	41	25K-40116	"O" RING, Hose to Pump	1
19	691800	HOSE, L.H. Boom Pipe to Bucket Cyl.	1	42	-----	PUMP ASSY, Bucket & Boom (See Index)	1
20	-----	BUCKET CYLINDER — (See Index)	—	43	536710	HOSE, Tube to Stem	1
21	36F-5	ADAPTER UNION	1	44	25K-40110	"O" RING, Hose to Pump	1
22	691800	HOSE, L.H. Boom Pipe to Bucket Cyl.	1	45	663093	FLANGE HALF	2
23	-----	BUCKET CYLINDER — (See Index)	1	46	1C-620	BOLT, Flange Half to Pump	4
24	31F-5	ADAPTER UNION	1	46A	4E-06	LKWSHR, Flange Half to Pump	4
25	36F-5	ADAPTER UNION	1	47	531004	HOSE, Pump to Valve — Pressure	1
26	645432	HOSE, R.H. Boom Pipe to Bucket Cyl.	1	48	610386	HOSE, Valve to Crosspipe	1
				49	33F-5	ADAPTER UNION	1
				50	36F-5	ADAPTER UNION	1
				51	31F-5	ADAPTER UNION	1
				52	33F-5	ADAPTER UNION	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



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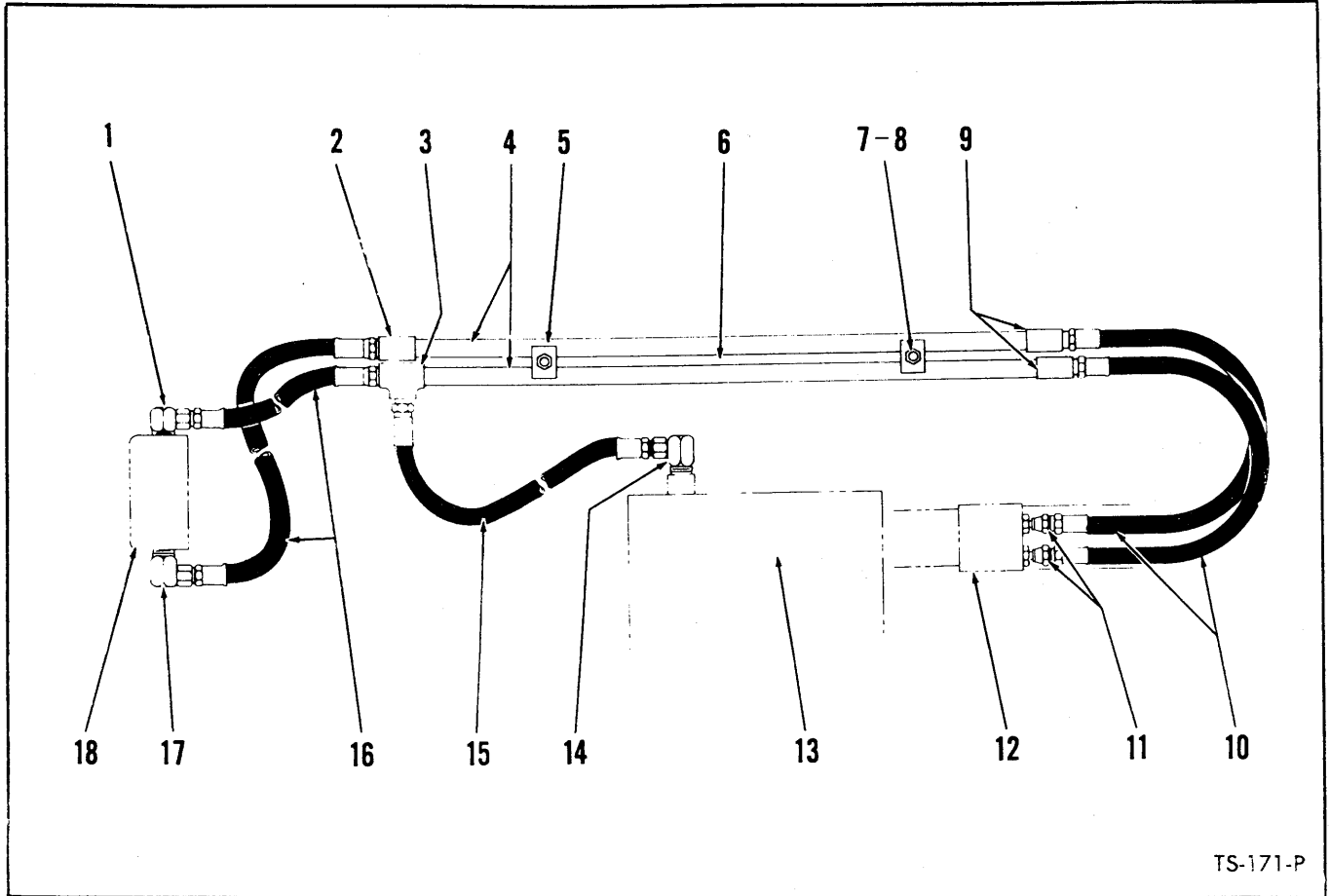
**HYDRAULIC SYSTEM — STEERING — MODEL 75A**

For Serial: GAS — 1CA3419 and thereafter

DIESEL — 1CB969 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	661563	HOSE, Pump to Pipe — Pressure .....	1	12	26F-5	ELBOW, Hose to Pump .....	1
2	-----	RESERVOIR, Hyd. Oil — (See Index)....	—	13	-----	STEERING BOOSTER — (See Index)..	—
3	356621	BUSHING, Reservoir Reducing .....	1	14	661564	ADAPTER UNION .....	2
4	33F-5	ADAPTER UNION .....	1	15	661559	HOSE, Pipe to Booster .....	1
5	531000	HOSE, Reservoir to Pump — Suction ....	1	16	661559	HOSE, Pipe to Booster .....	1
6	31F-4	ADAPTER UNION .....	1	17	91F-6	"O" RING, Adapter Union .....	2
7	712766	HOSE, Pipe to Reservoir — Return .....	1	18	356621	BUSHING, Pump Reducing .....	1
8	2C-624	BOLT, Pipe to Frame .....	2	19	-----	TORQUE CONVERTER — (See Index)..	—
9	514610	PIPE, Steering .....	1	20	-----	STEERING PUMP — (See Index) .....	—
10	4E-06	LKWSHR, Pipe to Frame .....	2	21	514788	ADAPTER UNION .....	1
11	2D-06	NUT, Pipe to Frame .....	2				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-171-P

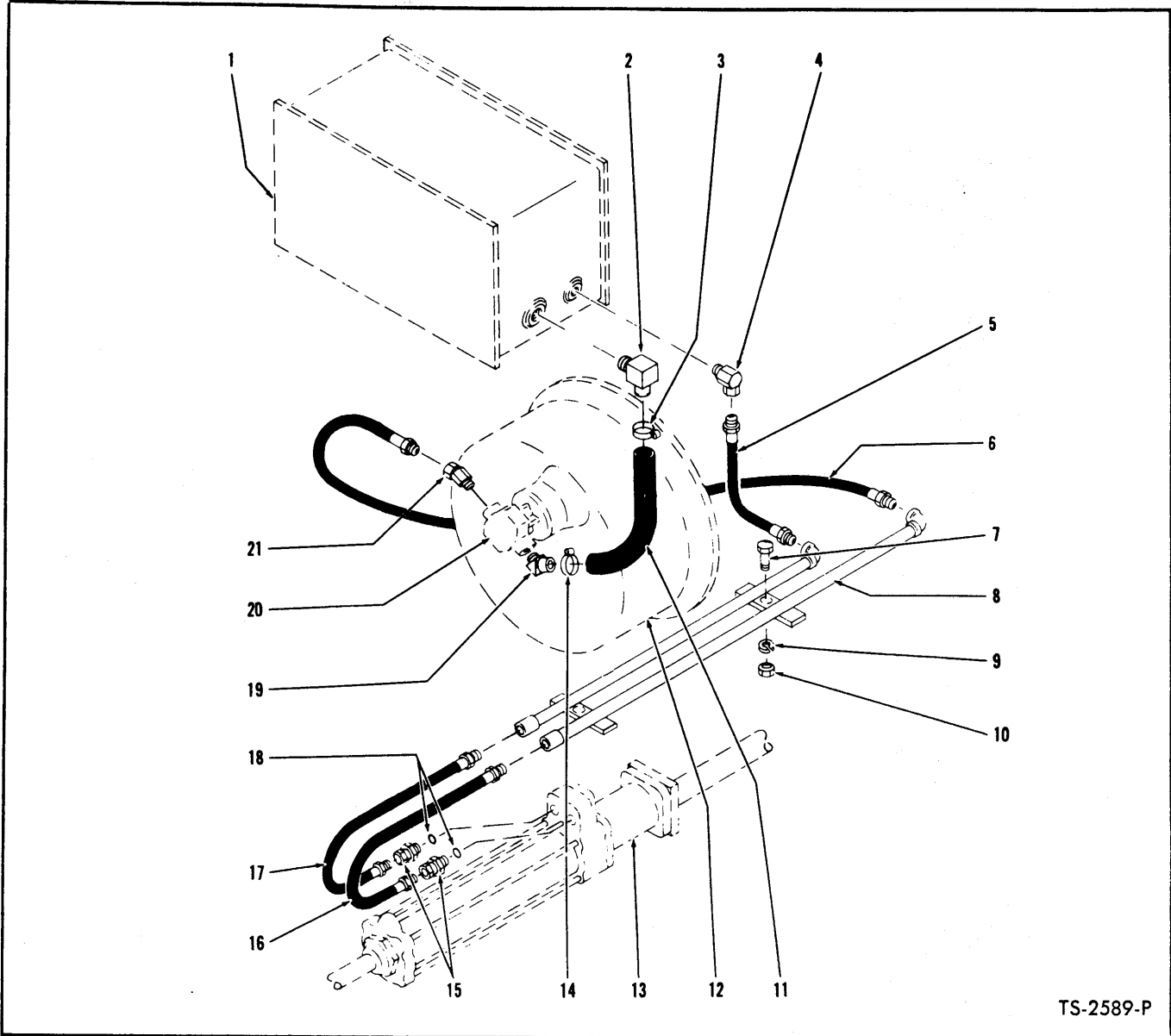
**HYDRAULIC SYSTEM — STEERING — MODEL 75A**

For Serial 8123 thru 10222, 10240 and 10247 thru 10251

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550700	ADAPTER UNION	1	11	661564	ADAPTER UNION	2
2	550612	COUPLING (Welded to Pipe Assy)	1	11A	91F-6	†"O" RING, Adapter Union	2
3	550610	TEE (Welded to Pipe Assy)	1	12	----	STEERING BOOSTER — (See Index)	—
4	550611	PIPE (Minus Items 2, 3, 9)	2	13	----	RESERVOIR, Hydraulic Oil — (See Index)	—
5	550614	LUG, Pipe (Welded to Pipe Assy)	2	14	31F-4	ADAPTER UNION	1
6	550608	PIPE ASSY (Inc. 2 thru 5 & 9)	1	15	661560	HOSE, Pump Suction	1
7	552152	BOLT, Pipe Attaching	2	16	661559	HOSE, Pump to Pipe	2
8	4E-06	LKWSHR, Pipe Attaching	2	17	31F-4	ADAPTER UNION	1
9	550612	COUPLING (Welded to Pipe Assy)	2	18	----	PUMP, Steering — (See Index)	—
10	661559	* HOSE, Line to Steering Booster	2				

\*NOTE: When 661559 Hose (Item 10) is installed on machine Serial 8123 thru 8768 one 661564 Adapter Union and one 91F-6 "O" Ring must be used.  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



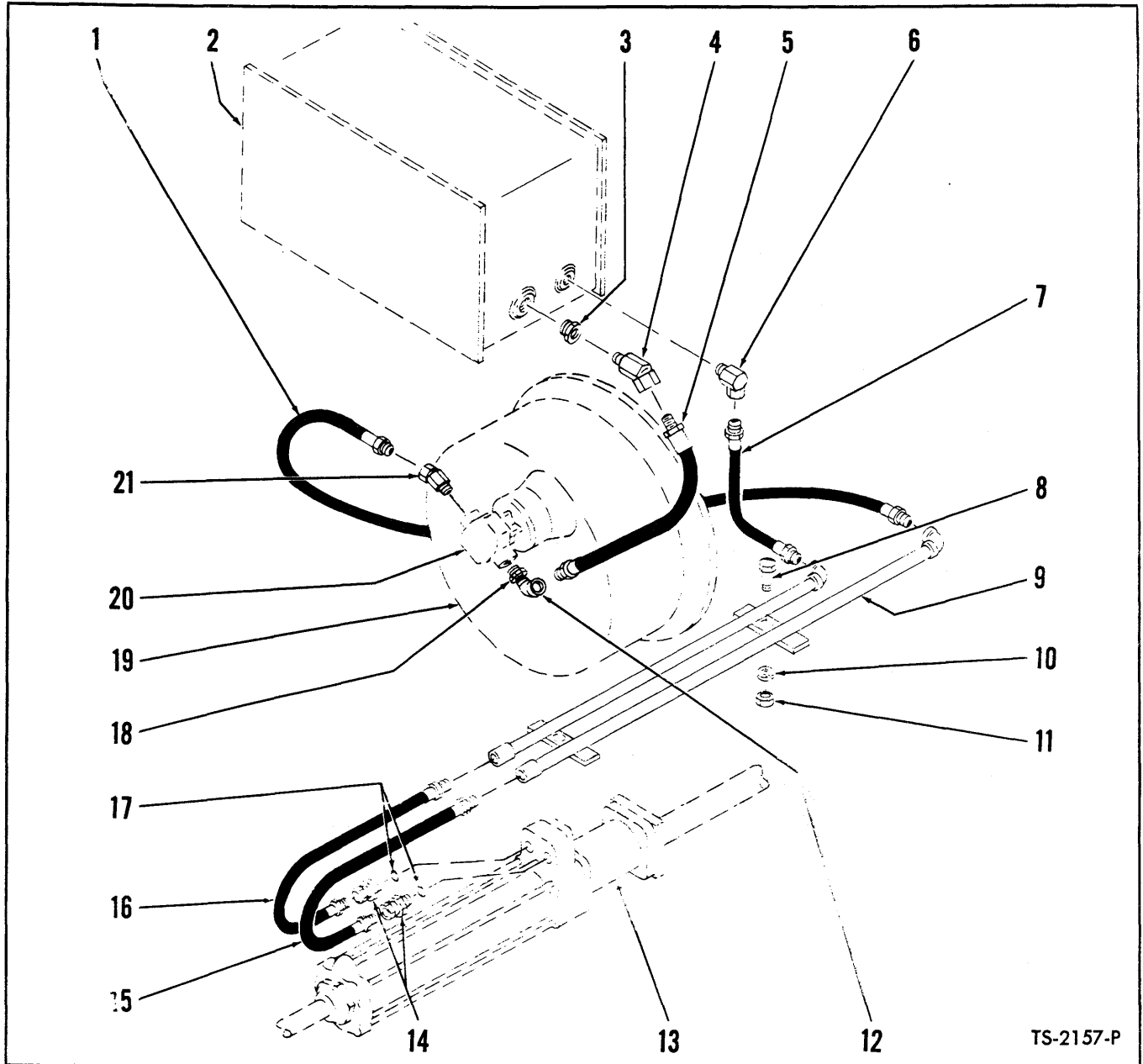
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**HYDRAULIC SYSTEM — STEERING — MODEL 75A**

For Serial: ~~GAS — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 thru 1CA3418~~  
DIESEL — 10223D thru 12183D, 1CB893 thru 1CB968

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RESERVOIR, Hydraulic Oil — (See Index)	—	11	516159	HOSE, Reservoir to Pump — Suction	1
2	666846	NIPPLE, Hose to Reservoir	1	12	-----	TORQUE CONVERTER — (See Index)	—
3	1545186	CLAMP, Hose	1	13	-----	STEERING BOOSTER — (See Index)	—
4	31F-4	ADAPTER UNION	1	14	1545186	CLAMP, Hose	1
5	712766	HOSE, Pipe to Reservoir	1	15	661564	ADAPTER UNION	2
6	661563	HOSE, Pump to Pipe — Pressure	1	16	661559	HOSE, Pipe to Booster	1
7	2C-624	BOLT, Pipe to Frame	2	17	661559	HOSE, Pipe to Booster	1
8	514610	PIPE, Steering System	1	18	91F-6	"O" RING, Adapter Union	2
9	4E-06	LKWSHR, Pipe to Frame	2	19	666858	NIPPLE, Hose to Pump	1
10	2D-06	NUT, Pipe to Frame	2	20	-----	STEERING PUMP — (See Index)	—
				21	514788	ADAPTER UNION	1

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2157-P

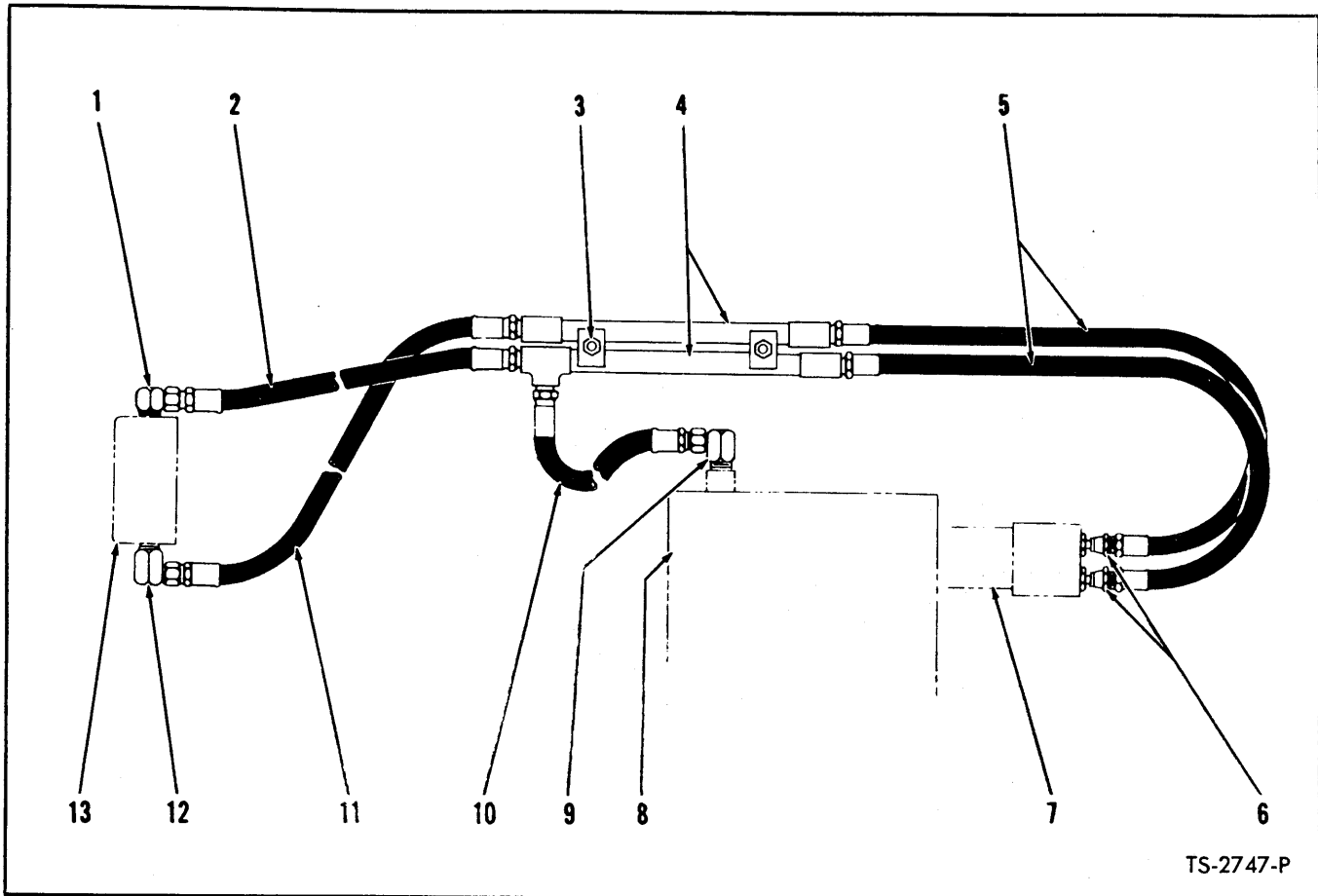
**HYDRAULIC SYSTEM – STEERING – MODEL 75A**

For Serial: GAS – 1CA3419 and thereafter

DIESEL – 1CB969 and thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	661563	HOSE, Pump to Pipe – Pressure .....	1	12	26F-5	ELBOW, Hose to Pump .....	1
2	-----	RESERVOIR, Hyd. Oil – (See Index)....	—	13	-----	STEERING BOOSTER – (See Index)...	—
3	356621	BUSHING, Reservoir Reducing .....	1	14	661564	ADAPTER UNION .....	2
4	33F-5	ADAPTER UNION .....	1	15	661559	HOSE, Pipe to Booster .....	1
5	531000	HOSE, Reservoir to Pump – Suction ....	1	16	661559	HOSE, Pipe to Booster .....	1
6	31F-4	ADAPTER UNION .....	1	17	91F-6	“O” RING, Adapter Union .....	2
7	712766	HOSE, Pipe to Reservoir – Return .....	1	18	356621	BUSHING, Pump Reducing .....	1
8	2C-624	BOLT, Pipe to Frame .....	2	19	-----	TORQUE CONVERTER – (See Index)...	—
9	514610	PIPE, Steering .....	1	20	-----	STEERING PUMP – (See Index) .....	—
10	4E-06	LKWSHR, Pipe to Frame .....	2	21	514788	ADAPTER UNION .....	1
11	2D-06	NUT, Pipe to Frame .....	2				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



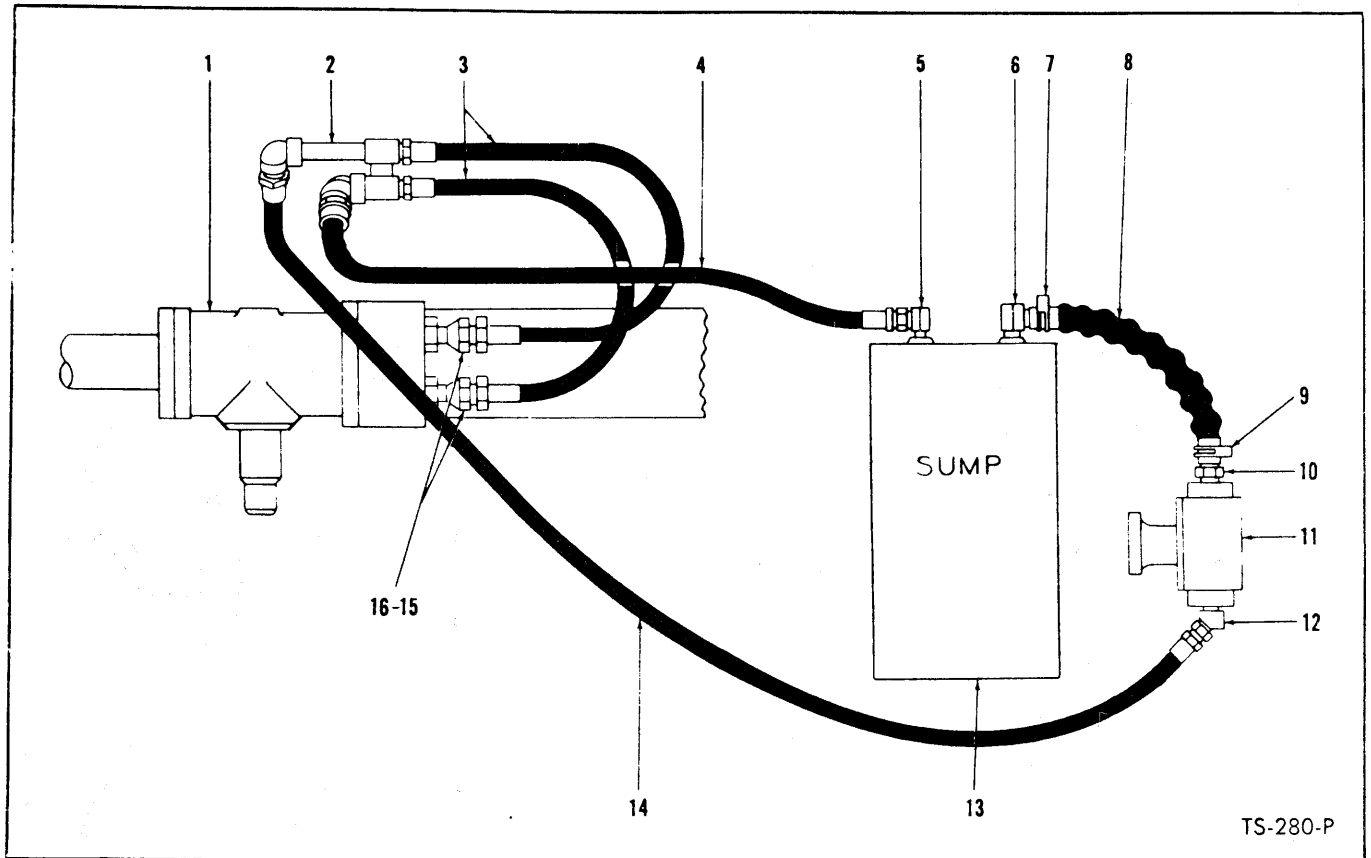
**HYDRAULIC SYSTEM — STEERING — MODEL 75B**

**For Serial 6123 thru 6200**

Item No.	Part No.	Description	No. Req'd.
1	550700	ADAPTER UNION	1
2	661560	HOSE, Pump Suction	1
3	552152	BOLT, Pipe Attaching	2
3A	4E-06	†LKWSHR, Pipe Attaching	2
4	550809	PIPE, Steering System	1
5	661559	HOSE, Pipe to booster	2
6	661554	ADAPTER UNION	2
6A	91F-6	†"O" RING, Adapter Union	2
7	-----	STEERING BOOSTER — (See Index)	—
8	-----	RESERVOIR, Hydraulic Oil — (See Index)	—
9	31F-4	ADAPTER UNION	1
10	661559	HOSE, Reservoir to Pipe — Suction	1
11	661559	HOSE, Pump to Pipe — Pressure	1
12	31F-4	ADAPTER UNION	1
13	-----	STEERING PUMP — (See Index)	—

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



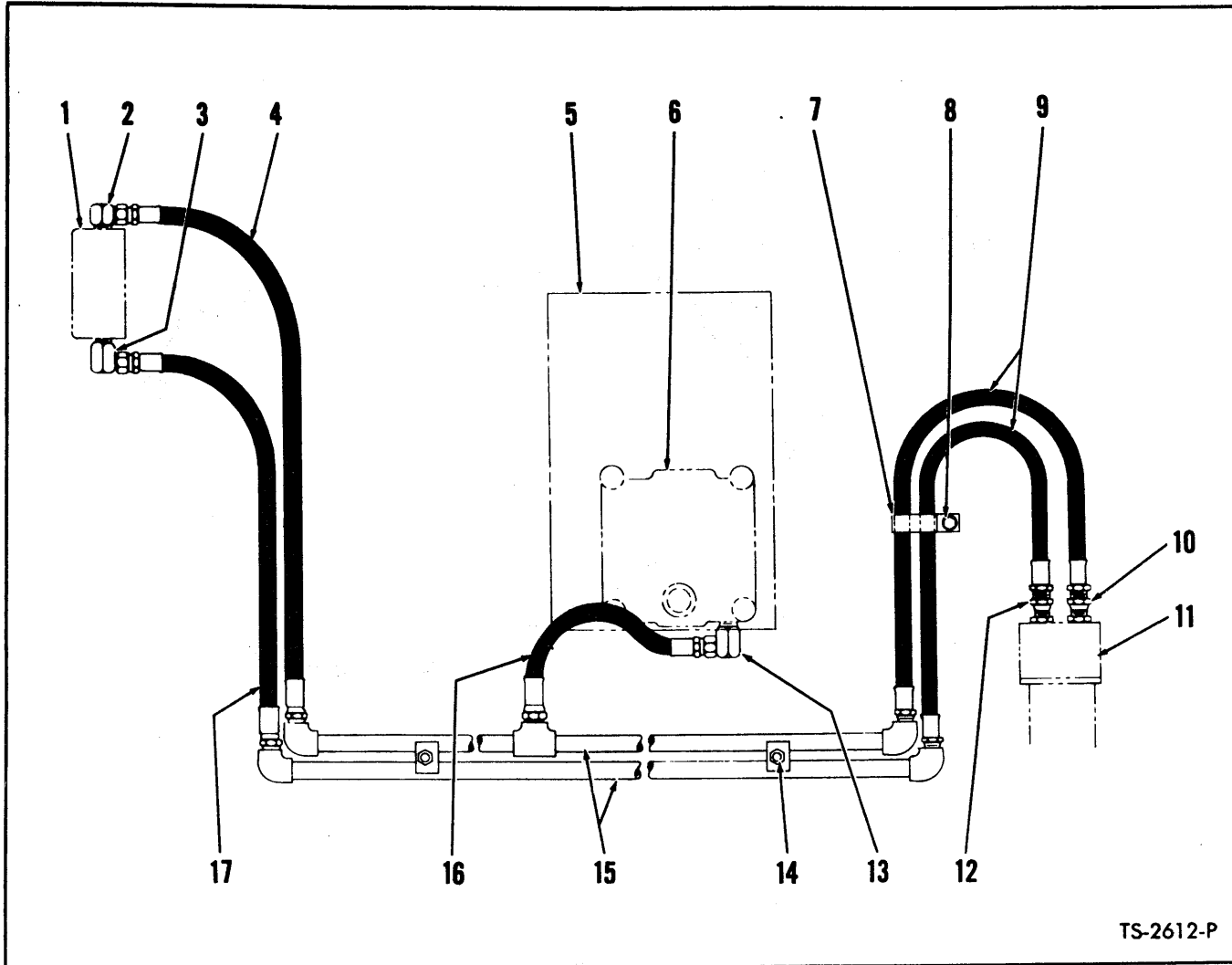
**HYDRAULIC SYSTEM — STEERING — MODEL 75B**

For Serial 6201 thru 6270

Item No.	Part No.	Description	No. Req'd.
1	----	STEERING BOOSTER — (See Index)	—
2	517119	PIPE ASSY, Steering Booster	1
2A	2C-624	†BOLT, Pipe Attaching	1
2B	2D-06	†NUT, Pipe Attaching	1
2C	4E-06	†LKWSHR, Pipe Attaching	1
3	661559	HOSE, Pipe to Booster	2
4	672806	HOSE, Pipe to Reservoir	1
5	31F-4	ADAPTER UNION	1
6	666846	NIPPLE, Hose to Reservoir	1
7	1545186	CLAMP, Hose	1
8	516159	HOSE, Reservoir to Pump — Suction	1
9	1545186	CLAMP, Hose	1
10	666858	NIPPLE, Hose to Pump	1
11	----	PUMP, Steering — (See Index)	—
12	514788	ADAPTER UNION	1
13	----	RESERVOIR, Hydraulic Oil — (See Index)	—
14	661563	HOSE, Pump to Pipe — Pressure	1
15	661564	ADAPTER UNION	2
16	91F-6	"O" RING, Adapter Union	2

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC SYSTEM — STEERING — MODEL 75R**

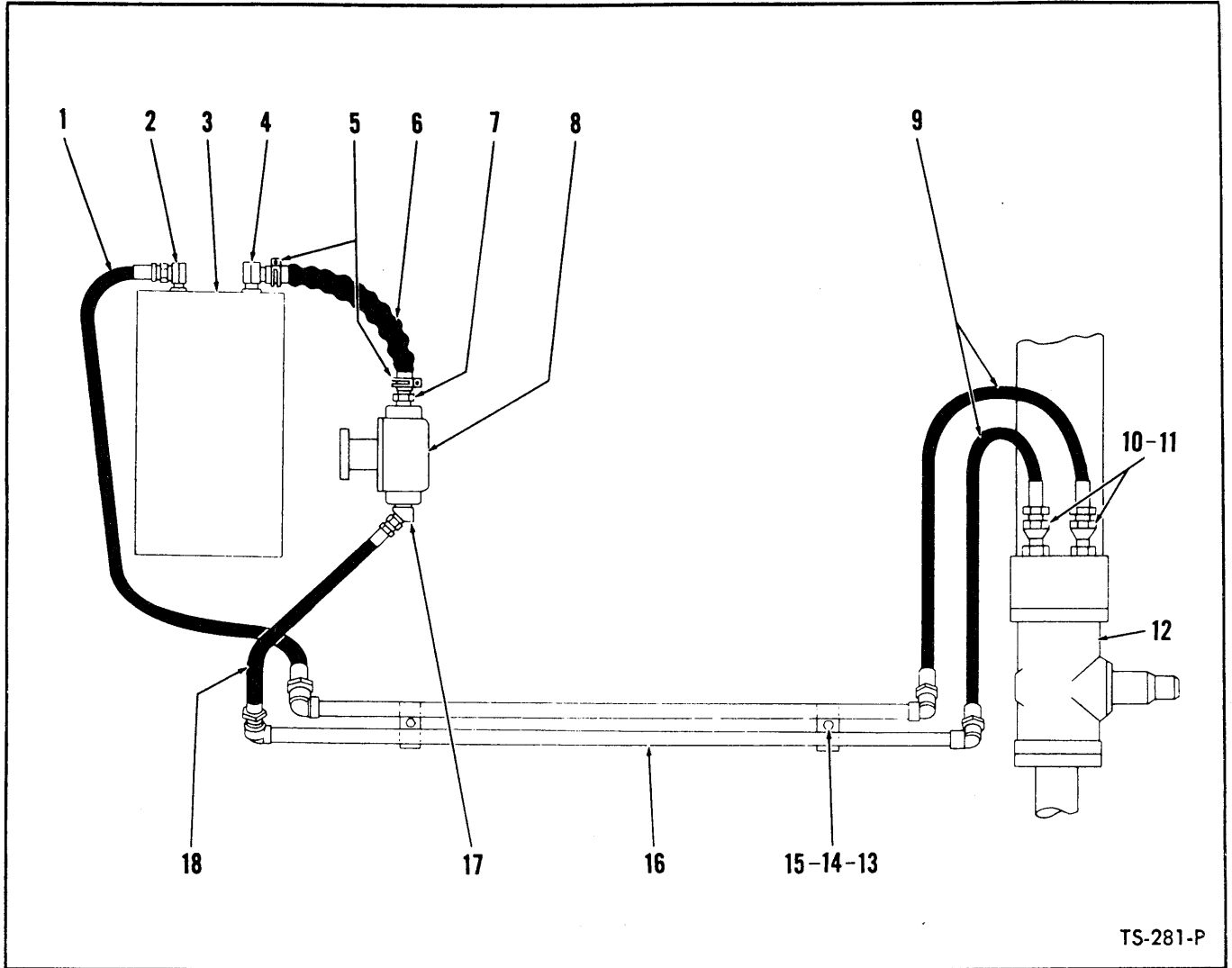
For Serial 7123 thru 7154

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	PUMP Steering — (See Index) .....	—	10	661564	ADAPTER UNION .....	1
2	550700	ADAPTER UNION .....	1	10A	91F-6	†"O" RING, Adapter Union .....	1
3	31F-4	ADAPTER UNION .....	1	11	-----	STEERING BOOSTER — (See Index) ....	—
4	661562	HOSE, Pipe to Pump — Suction .....	1	12	661564	ADAPTER UNION .....	1
5	-----	RESERVOIR, Hydraulic Oil — (See Index) .....	—	12A	91F-6	†"O" RING, Adapter Union .....	1
6	-----	CONTROL VALVE — (See Index) .....	—	13	31F-4	ADAPTER UNION .....	1
7	552149	CLIP, Booster Hoses .....	1	14	552152	BOLT, Pipe Attaching .....	2
8	2C-516	BOLT, Clip Attaching .....	1	14A	4E-06	†LKWSHR, Pipe Attaching .....	2
8A	2D-05	†NUT, Clip Attaching .....	1	15	550814	PIPE ASSY, Steering Booster .....	1
8B	4E-05	†LKWSHR, Clip Attaching .....	1	16	661558	HOSE, Reservoir to Pipe — Suction ...	1
9	661563	HOSE, Pipe to Booster .....	2	17	661561	HOSE, Pump to Pipe — Pressure .....	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





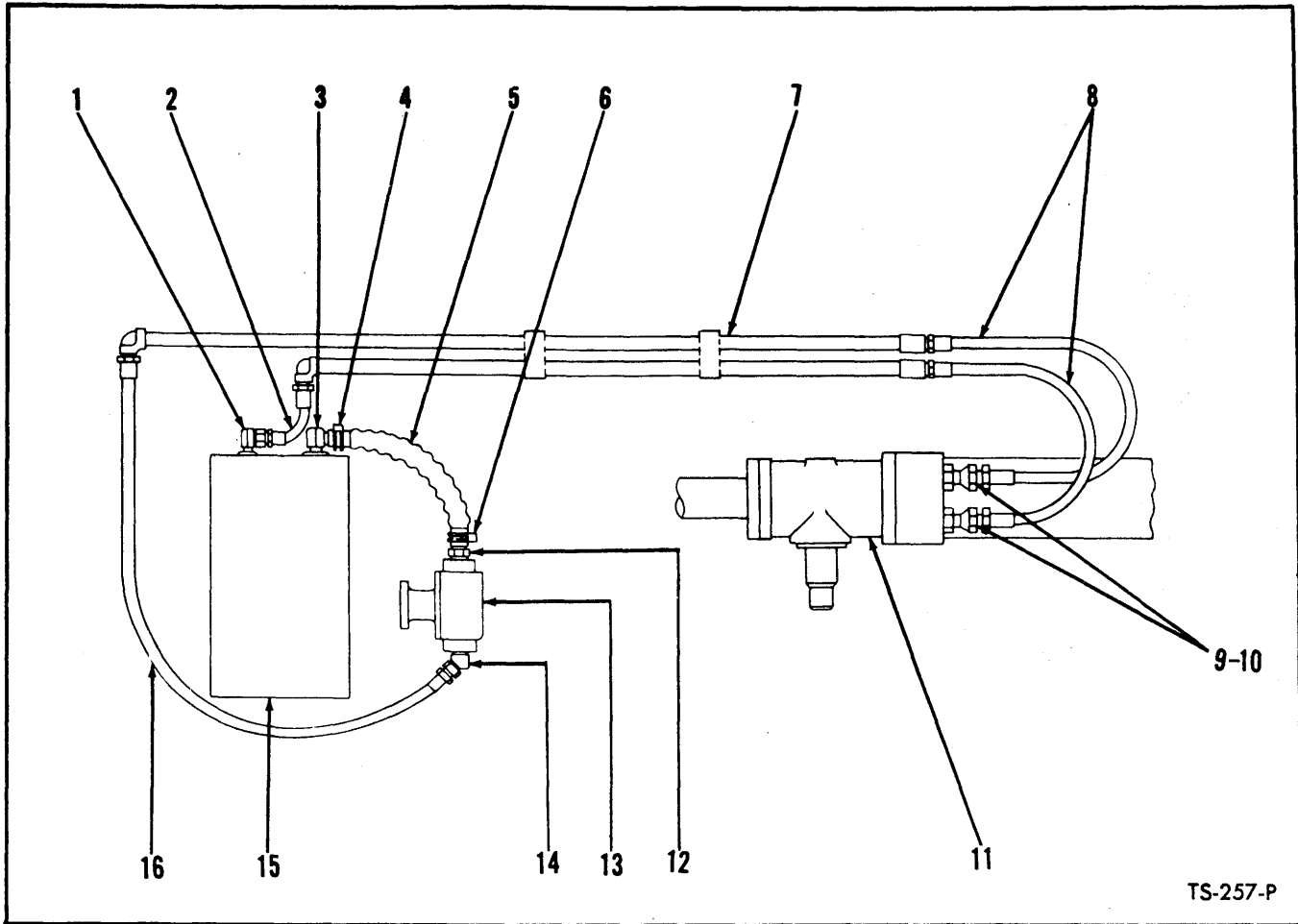
TS-281-P

**HYDRAULIC SYSTEM – STEERING – MODEL 75R**

For Serial 7155 thru 7184

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	661563	HOSE, Pipe to Reservoir – Return	1	10	661564	ADAPTER UNION	2
2	31F-4	ADAPTER UNION	1	11	91F-6	“O” RING Adapter Union	2
3	-----	RESERVOIR, Hydraulic Oil – (See Index)	—	12	-----	STEERING BOOSTER – (See Index)	—
4	666846	NIPPLE, Hose to Reservoir	1	13	2C-624	BOLT, Pipe Attaching	2
5	1545186	CLAMP, Hose	2	14	2D-06	NUT, Pipe Attaching	2
6	516159	HOSE, Reservoir to Pump – Suction	1	15	4E-06	LKWSHR, Pipe Attaching	2
7	666858	NIPPLE, Hose to Pump	1	16	517157	PIPE ASSY, Steering Booster	1
8	-----	PUMP, Steering – (See Index)	—	17	514788	ADAPTER UNION	1
9	661563	HOSE, Pipe to Booster	2	18	672712	HOSE, Pump to Pipe – Pressure	1

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-257-P

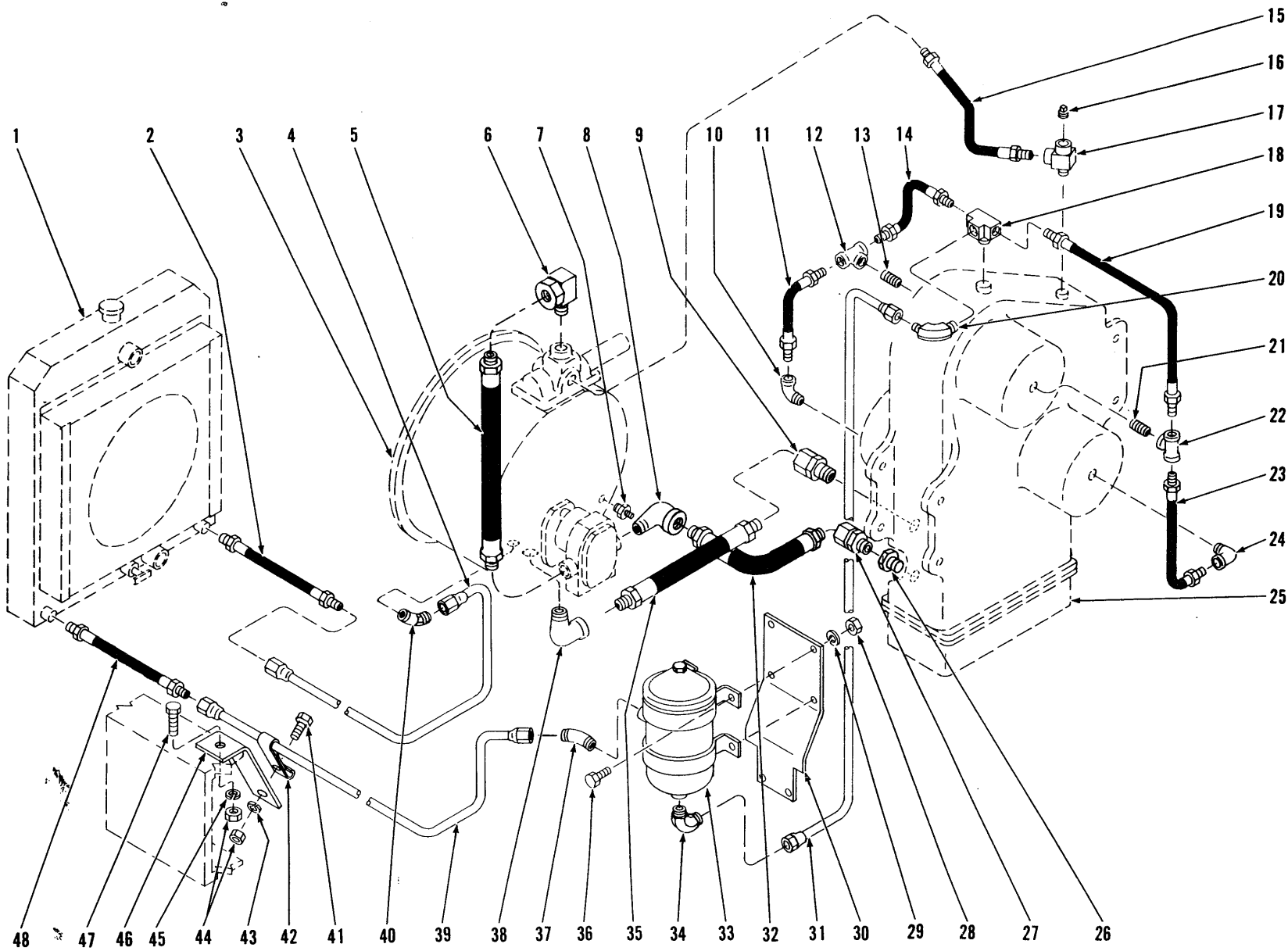
**HYDRAULIC SYSTEM – STEERING – G.M.**

Item No.	Part No.	Description	No. Req'd.
1	31F-4	ADAPTER .....	1
2	524530	HOSE, Pipe to Reservoir .....	1
2A	25F-4	ELBOW, Hose to Pipe .....	1
3	666846	NIPPLE, Reservoir to Hose .....	1
4	756853	CLAMP, Hose .....	1
5	516159	HOSE, Reservoir to Pump .....	1
6	521875	CLAMP, Hose .....	1
7	514610	PIPE .....	1
7A	2C-624	†BOLT, Pipe to Frame .....	2
7B	2D-06	†NUT, Pipe to Frame .....	2
7C	4E-06	†LKWSHR, Pipe to Frame .....	2
8	661559	HOSE, Pipe to Booster .....	2
9	661564	ADAPTER, "O" Ring Seal .....	2
10	91F-6	"O" RING, Adapter .....	2
11	-----	STEERING BOOSTER ASSY – (See Index).....	—
12	666858	NIPPLE, Hose to Pump .....	1
13	-----	STEERING HYDRAULIC PUMP – (See Index).....	—
14	514788	ADAPTER .....	1
15	-----	HYDRAULIC OIL RESERVOIR – (See Index).....	—
16	661563	HOSE, Pump to Pipe .....	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER

TS-2431-P

**HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER**

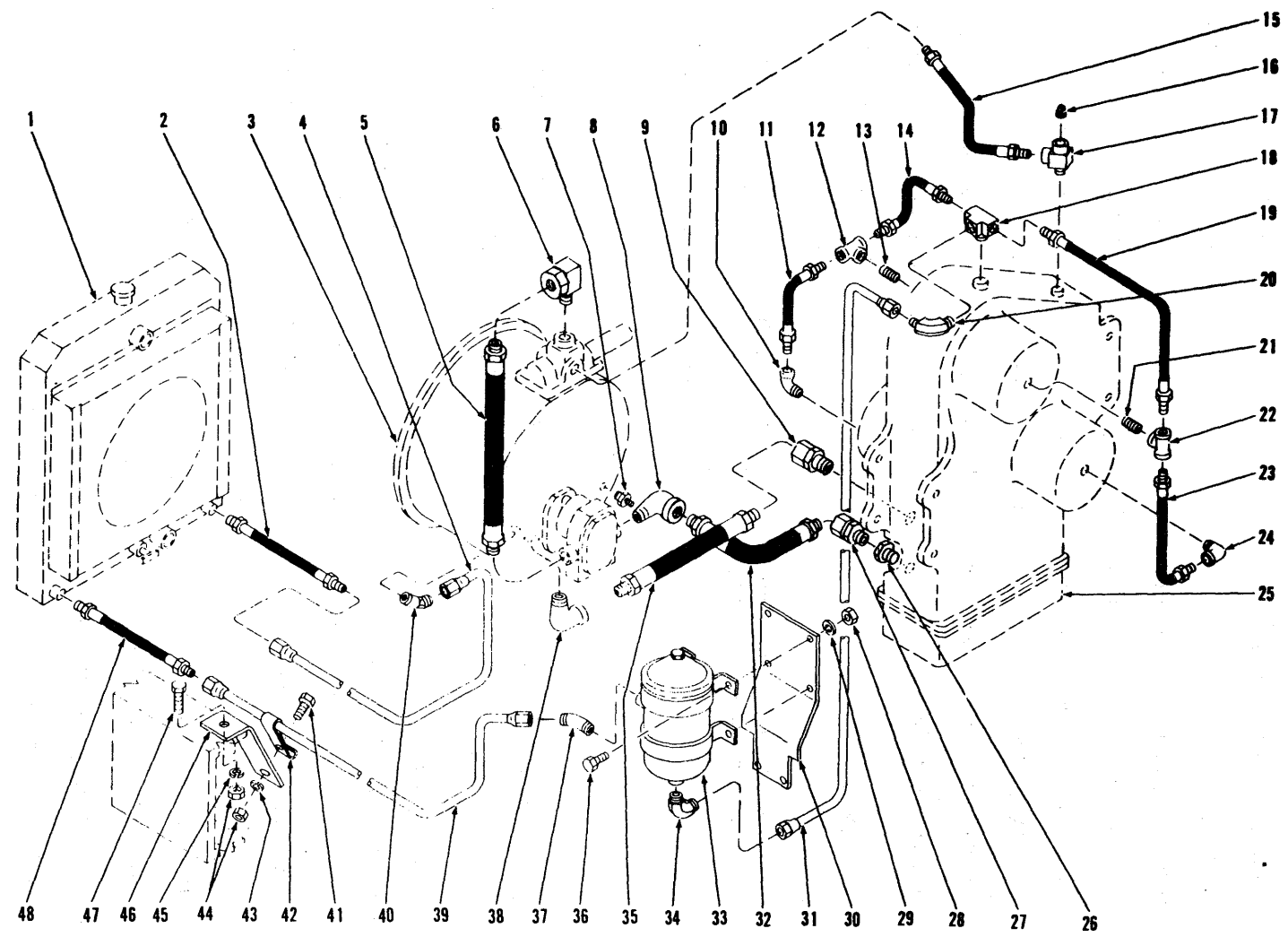
For Serial: **GAS — 1CA3419 and thereafter**

**DIESEL — 1CB969 and thereafter**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RADIATOR—See Parts Manual .....	—	23	550758	HOSE, Forward to 2nd & 4th Clutch ..	1
2	531403	HOSE, Cooler Line to Radiator.....	1	24	26F-2	ELBOW, Hose to Clutch Cover .....	1
3	-----	TORQUE CONVERTER (See Index) .....	—	25	-----	TRANSMISSION — See Parts Manual. ....	—
4	119590	COOLER LINE, Converter to Radiator ..	1	26	356626	BUSHING, Transmission Reducing .....	1
5	645432	HOSE, Pump to Regulator Valve .....	1	27	31F-6	ADAPTER UNION .....	1
6	553843	ADAPTER UNION .....	1	28	2D-05	NUT, Filter to Bracket .....	4
7	551323	SENDER UNIT, Converter Temperature ..	1	29	4E-05	LKWSHR, Filter to Bracket .....	4
8	26F-6	ELBOW, Hose to Pump .....	1	30	552473	BRACKET, Filter Attaching .....	1
9		ADAPTER UNION .....		31	514614	COOLER LINE, Filter to Transmission ..	1
9A	36F-5	For Serial: GAS — 1CA3419 thru 1CA3501 DIESEL — 1CB969 thru 1CB1013 .....	1	32	531061	HOSE, Converter Suction.....	1
				33	552470	FILTER ASSY, Trans. & Conv. Oil (Inc. 33A) .....	1
				33A	957577	†CARTRIDGE KIT, Oil Filter .....	1
				34	89F-7	CONNECTOR, Cooler Line to Filter .....	1
				35	531006	*HOSE, Converter Overflow .....	1
10	26F-2	ELBOW, Hose to Clutch Cover .....	1	36	2C-514	BOLT, Filter to Bracket .....	1
11	550874	HOSE, 1st & 3rd to Reverse Clutch.....	1	37	531400	ELBOW, Cooler Line to Filter .....	1
12	18F-2	TEE, 1st & 3rd Clutch .....	1	38	26F-6	ELBOW, Hose to Converter .....	1
13	5K-207	NIPPLE, Tee to Clutch Cover .....	1	39	531402	COOLER LINE, Radiator to Filter .....	1
14	550876	HOSE, Cross to 1st & 3rd Clutch .....	1	40	83F-8	ELBOW, Cooler Line to Converter .....	1
15	527550	HOSE, Converter to Tee .....	1	41	2C-612	BOLT, Clip to Bracket .....	2
16	13F-04	PLUG, Tee .....	1	42	6H-18	CLIP, Cooler Line .....	2
17	30F-1	TEE, Hose to Transmission .....	1	43	4E-06	LKWSHR, Clip to Bracket .....	2
18	550866	CROSS, Transmission Clutches .....	1	44	2D-06	NUT .....	4
19	550758	HOSE, Cross to Forward Clutch .....	1	45	4E-06	LKWSHR, Bracket to Frame .....	2
20	83F-7	ELBOW, Cooler Line to Cross .....	1	46	551996	BRACKET, Cooler Line Clip .....	2
21	5K-207	NIPPLE, Tee to Clutch Cover .....	1	47	2C-620	BOLT, Bracket to Frame .....	2
22	18F-2	TEE, Forward Clutch .....	1	48	531403	HOSE, Radiator to Cooler Line.....	1

\*NOTE: When 536367 Hose is installed in Serial GAS—1CA3419 thru 1CA3501 and DIESEL—1CB969 thru 1CB1013, One (1) 36F-6 Adapter Union must be used at transmission end. Reducing Bushing in Transmission is to be discarded.  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC SYSTEM - TRANSMISSION AND TORQUE CONVERTER - G.M.

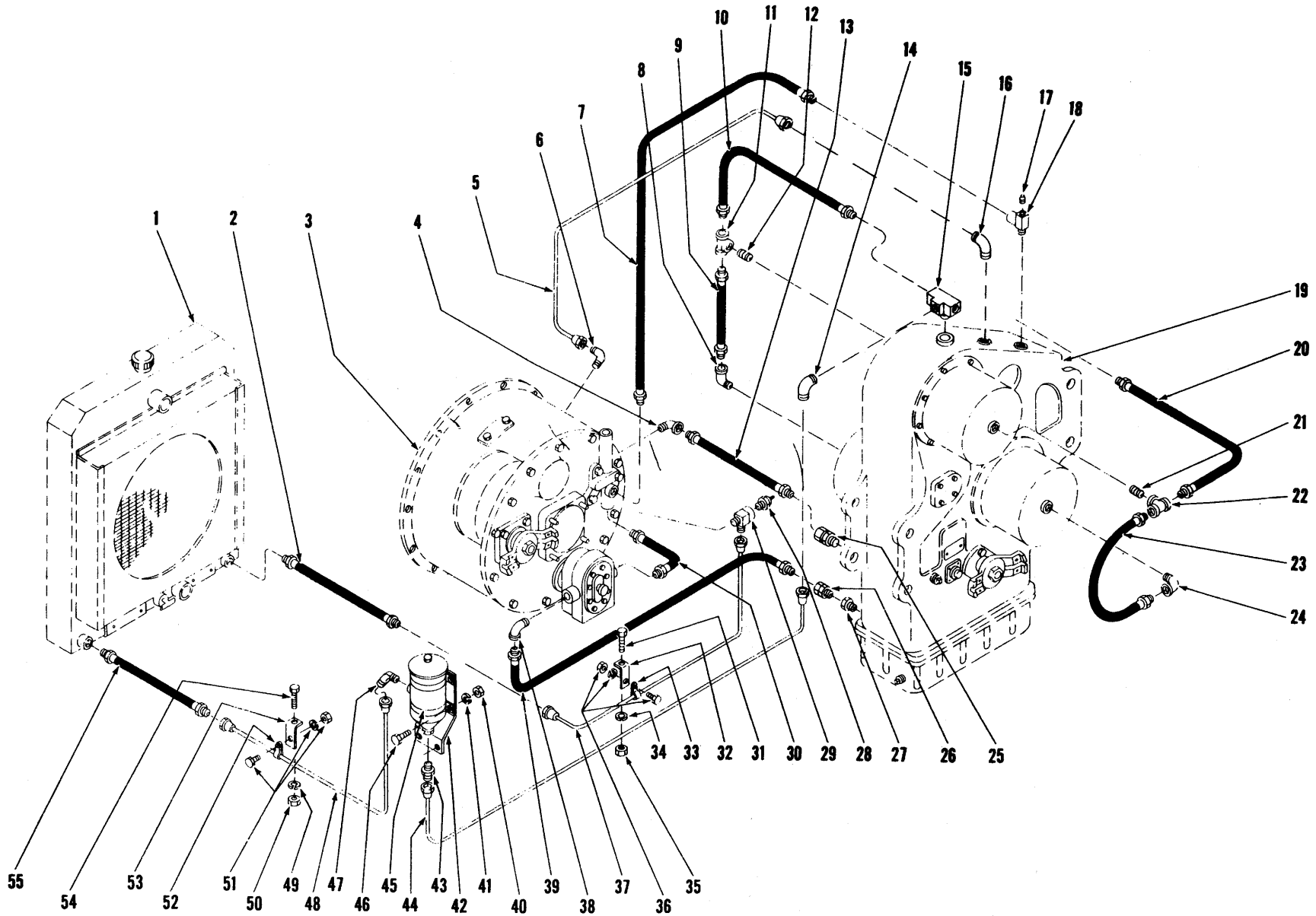
TS-2431-P

**HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER — G.M.**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RADIATOR — (See Index).....	—	27	36F-6	ADAPTER UNION	1
2	536048	HOSE, Cooler Line to Radiator .....	1	28	2D-05	NUT, Filter to Bracket .....	4
3	-----	TORQUE CONVERTER (See Index) ...	—	29	4E-05	LKWSHR, Filter to Bracket .....	4
4	531676	COOLER LINE, Converter to Radiator	1	30	531168	BRACKET, Filter Attaching .....	1
5	691800	HOSE, Pump to Regulator Valve .....	1	30A	2C-620	BOLT, Bracket to Frame .....	2
6	36F-5	ADAPTER UNION .....	1	30B	2D-06	NUT, Bracket to Frame .....	2
7	551323	SENDER UNIT, Converter Temperature	1	30C	4E-06	LKWSHR, Bracket to Frame .....	2
8	26F-6	ELBOW, Hose to Pump .....	1	31	529874	COOLER LINE, Filter to Transmission..	1
9	36F-6	ADAPTER UNION .....	1	32	656132	HOSE, Converter Suction .....	1
10	26F-2	ELBOW, Hose to Clutch Cover .....	1	33	552470	FILTER ASSY, Trans. & Conv. Oil (Inc. 33A) .....	1
11	550874	HOSE, 1st & 3rd to Reverse Clutch ...	1	33A	957577	†CARTRIDGE KIT, Oil Filter .....	1
12	18F-2	TEE, 1st & 3rd Clutch .....	1	34	83F-7	CONNECTOR, Cooler Line to Filter	1
13	5K-207	NIPPLE, Tee to Clutch Cover	1	35	539106	HOSE, Converter Overflow	1
14	550876	HOSE, Cross to 1st & 3rd Clutch	1	36	2C-514	BOLT, Filter to Bracket .....	4
15	531167	HOSE, Converter to Tee .....	1	37	730149	ELBOW, Cooler Line to Filter .....	1
16	13F-04	PLUG, Tee .....	1	38	26F-6	ELBOW, Hose to Converter .....	1
17	30F-1	TEE, Hose to Transmission .....	1	39	531677	COOLER LINE, Radiator to Filter .....	1
18	550866	CROSS, Transmission Clutches	1	40	89F-8	ELBOW, Cooler Line to Converter	1
19	550758	HOSE, Cross to Forward Clutch	1	41	2C-612	BOLT, Clip to Bracket .....	2
20	-----	Not Applicable this Model	—	42	6H-18	CLIP, Cooler Line .....	2
21	5K-207	NIPPLE, Tee to Clutch Cover	1	43	4E-06	LKWSHR, Clip to Bracket	2
22	18F-2	TEE, Forward Clutch .....	1	44	2D-06	NUT .....	4
23	550758	HOSE, Forward to 2nd & 4th Clutch ..	1	45	4E-06	LKWSHR, Bracket to Frame .....	2
24	26F-2	ELBOW, Hose to Clutch Cover .....	1	46	551996	BRACKET, Cooler Line Clip .....	2
25	-----	TRANSMISSION — (See Index).....	—	47	2C-620	BOLT, Bracket to Frame .....	2
26	356626	BUSHING, Transmission Reducing .....	1	48	536048	HOSE, Radiator to Cooler Line .....	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC SYSTEM - TRANSMISSION AND TORQUE CONVERTER - WAUKESHA

TS-2592-P

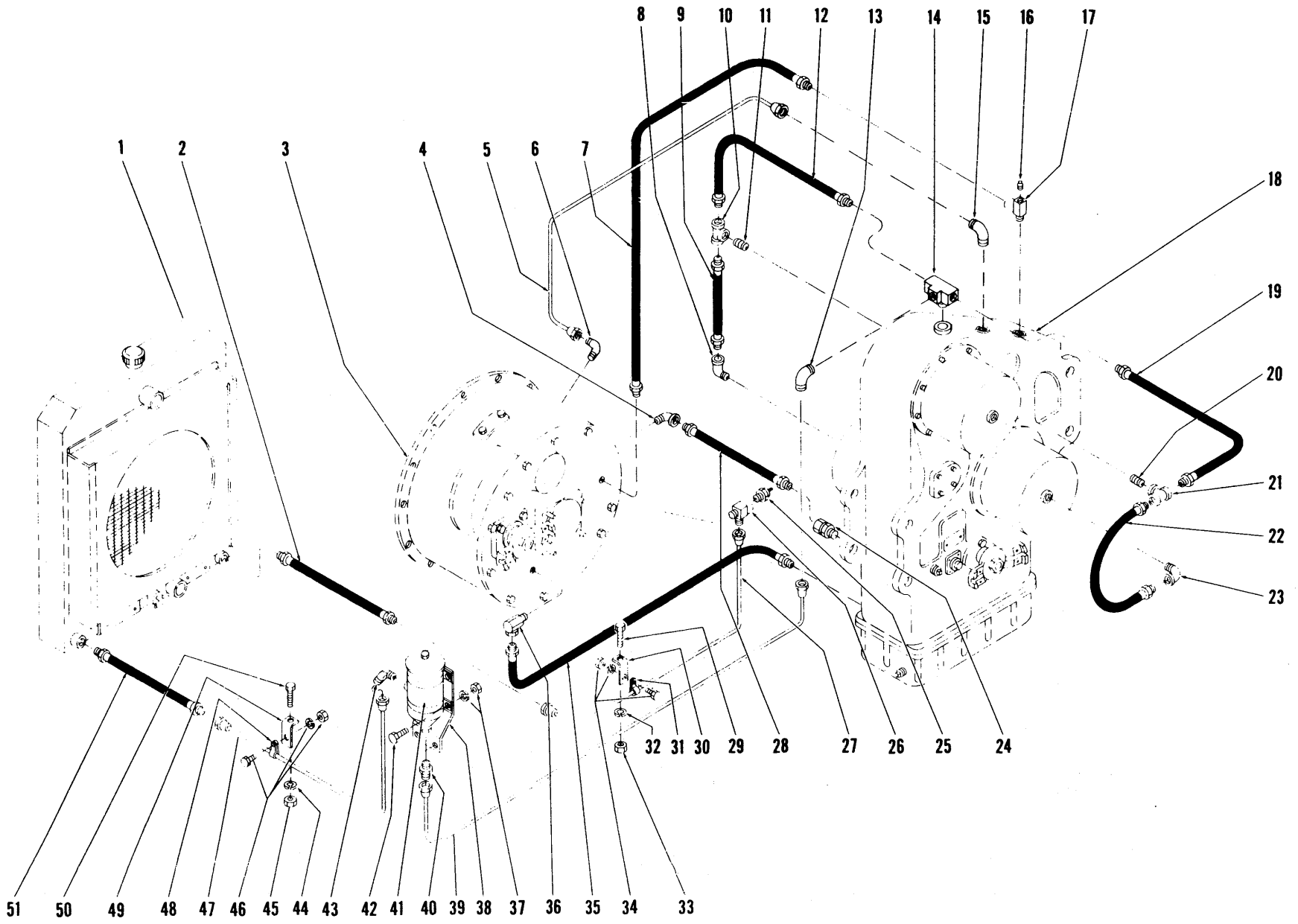


**HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER — WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RADIATOR — (See Index)	—	31	2C-620	BOLT, Bracket to Frame	1
2	528295	HOSE, Cooler Line to Radiator	1	32	551996	BRACKET, Cooler Line Clip	1
3	-----	TORQUE CONVERTER — (See Index)	—	33	6H-16	CLIP, Cooler Line	1
4	26F-5	ELBOW, Hose to Converter	1	34	4E-06	LKWSHR, Bracket to Frame	1
5	514613	LINE, Converter Overflow	1	35	2D-06	NUT, Bracket to Frame	1
6	85F-8	ELBOW, Line to Converter	1	36	2C-612	BOLT, Clip to Bracket	1
7	519738	HOSE, Reg. Valve to Transmission	1	36A	2D-06	NUT, Clip to Bracket	1
8	26F-2	ELBOW, Hose to Clutch Cover	1	36B	4E-06	LKWSHR, Clip to Bracket	1
9	550874	HOSE, 1st & 3rd to Reverse Clutch	1	37	552290	LINE, Cooler — Converter to Radiator	1
10	550876	HOSE, Cross to 1st & 3rd Clutch	1	38	26F-6	ELBOW, Hose to Pump	1
11	18F-2	TEE, 1st & 3rd Clutch	1	39	552156	HOSE, Trans. to Conv. — Suction	1
12	5K-207	NIPPLE, Tee to Clutch Cover	1	40	2D-05	NUT, Filter to Bracket	4
13	550724	HOSE, Converter Drain	1	41	4E-05	LKWSHR, Filter to Bracket	4
14	83F-7	ELBOW, Line to Cross	1	42	552473	BRACKET, Filter	1
15	550866	CROSS, Transmission Clutches	1	43	89F-7	CONNECTOR, Line to Filter	1
16	83F-8	ELBOW, Line to Transmission	1	44	514614	LINE, Filter to Transmission	1
17	13F-04	PLUG, Tee	1	45	552470	FILTER, Transmission Oil (Inc. 45A)	1
18	30F-1	TEE, Hose to Transmission	1	45A	957577	†CARTRIDGE KIT, Oil Filter	1
19	-----	TRANSMISSION — (See Index)	—	46	2C-514	BOLT, Filter to Bracket	4
20	550758	HOSE, Cross to Forward Clutch	1	47	84F-7	ELBOW, Line to Filter	1
21	5K-207	NIPPLE, Tee to Clutch Cover	1	48	552474	LINE, Radiator to Filter	1
22	18F-2	TEE, Forward Clutch	1	49	4E-06	LKWSHR, Bracket to Frame	1
23	550758	HOSE, Forward to 2nd & 4th Clutch	1	50	2D-06	NUT, Bracket to Frame	1
24	26F-2	ELBOW, Hose to Clutch Cover	1	51	2C-612	BOLT, Clip to Bracket	1
25	36F-5	ADAPTER UNION	1	51A	2D-06	NUT, Clip to Bracket	1
26	36F-6	ADAPTER UNION	1	51B	4E-06	LKWSHR, Clip to Bracket	1
27	356626	BUSHING, Transmission Reducing	1	52	6H-16	CLIP, Cooler Return Line	1
28	551323	SENDER UNIT, Converter Temperature	1	53	551996	BRACKET, Cooler Line Clip	1
29	551896	TEE, Cooler Line to Converter	1	54	2C-620	BOLT, Bracket to Frame	1
30	221084	HOSE, Pump to Regulator Valve	1	55	528295	HOSE, Radiator to Return Line	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER — WAUKESHA

TS-2593-P

**HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER — WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RADIATOR — (See Index)	—	33	2D-06	NUT, Bracket to Frame	1
2	528295	HOSE, Cooler Line to Radiator	1	34	2C-612	BOLT, Clip to Bracket	1
3	-----	TORQUE CONVERTER — (See Index)	—	34A	2D-06	NUT, Clip to Bracket	1
4	26F-5	ELBOW, Hose to Converter	1	34B	4E-06	LKWSHR, Clip to Bracket	1
5	551873	LINE, Overflow	1	35		HOSE, Trans. to Conv. — Suction	
6	83F-6	ELBOW, Line to Converter	1	35A	550873	For Units with ½" Pipe Tap	1
7	712750	HOSE, Converter to Transmission	1	35B	553324	For Units with ¾" Pipe Tap	1
8	26F-2	ELBOW, Hose to Clutch Cover	1	36		ADAPTER UNION	
9	550874	HOSE, 1st & 3rd to Reverse Clutch	1	36A	31F-4	For Units with ½" Pipe Tap	1
10	18F-2	TEE, 1st & 3rd Clutch	1	36B	31F-5	For Units with ¾" Pipe Tap	1
11	5K-207	NIPPLE, Tee to Clutch Cover	1	37	2D-05	NUT, Filter to Bracket	4
12	550876	HOSE, Cross to 1st & 3rd Clutch	1	37A	4E-05	LKWSHR, Filter to Bracket	4
13	83F-7	ELBOW, Cooler Line to Cross	1	38	552473	BRACKET, Filter	1
14	550866	CROSS, Transmission Clutches	1	39		LINE, Cooler Return	
15	83F-6	ELBOW, Overflow Line to Transmission	1	39A	552291	For Machines Equipped with Filter	1
16	13F-04	PLUG, Tee	1	39B	551872	For Machines Not Equipped with Filter	1
17	30F-1	TEE, Hose to Transmission	1	40	89F-7	CONNECTOR, Line to Filter	1
18	-----	TRANSMISSION — (See Index)	—	41	552470	FILTER, Conv. & Trans. Oil (Inc. 41A)	1
19	550758	HOSE, Cross to Forward Clutch	1	41A	957577	†CARTRIDGE KIT, Oil Filter	1
20	5K-207	NIPPLE, Tee to Clutch Cover	1	42	2C-514	BOLT, Filter to Bracket	4
21	18F-2	TEE, Forward Clutch	1	43	84F-7	ELBOW, Line to Filter	1
22	550758	HOSE, Forward to 2nd & 4th Clutch	1	44	4E-06	LKWSHR, Bracket to Frame	1
23	26F-2	ELBOW, Hose to Clutch Cover	1	45	2D-06	NUT, Bracket to Frame	1
24	36F-5	ADAPTER UNION	1	46	2C-612	BOLT, Clip to Bracket	1
25	551323	SENDER UNIT, Converter Temperature	1	46A	2D-06	NUT, Clip to Bracket	1
26	551896	TEE, Cooler Line to Converter	1	46B	4E-06	LKWSHR, Clip to Bracket	1
27		LINE, Cooler		47	552474	LINE, Cooler — Radiator to Filter	1
27A	552290	For Machines Equipped with Filter	1	48	6H-16	CLIP, Cooler Line	1
27B	551876	For Machines Not Equipped with Filter	1	49	551996	BRACKET, Cooler Line Clip	1
28	550724	HOSE, Converter Drain	1	50	2C-620	BOLT, Bracket to Frame	1
29	2C-620	BOLT, Bracket to Frame	1	51	528295	HOSE, Radiator to Cooler Line	1
30	551996	BRACKET, Cooler Line Clip	1				
31	6H-16	CLIP, Cooler Line	1				
32	4E-06	LKWSHR, Bracket to Frame	1				

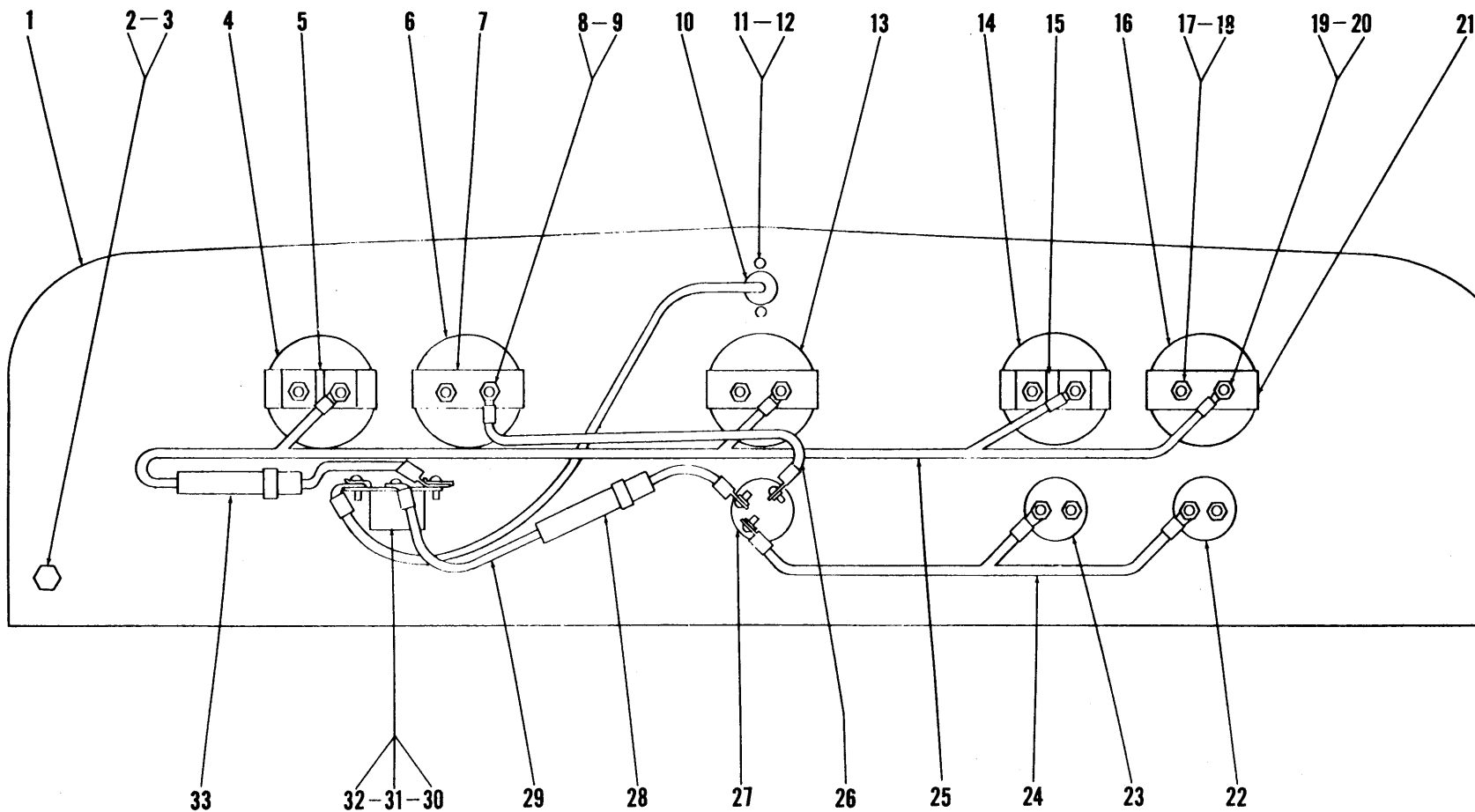
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

PM 5010

56C

(2C-1)



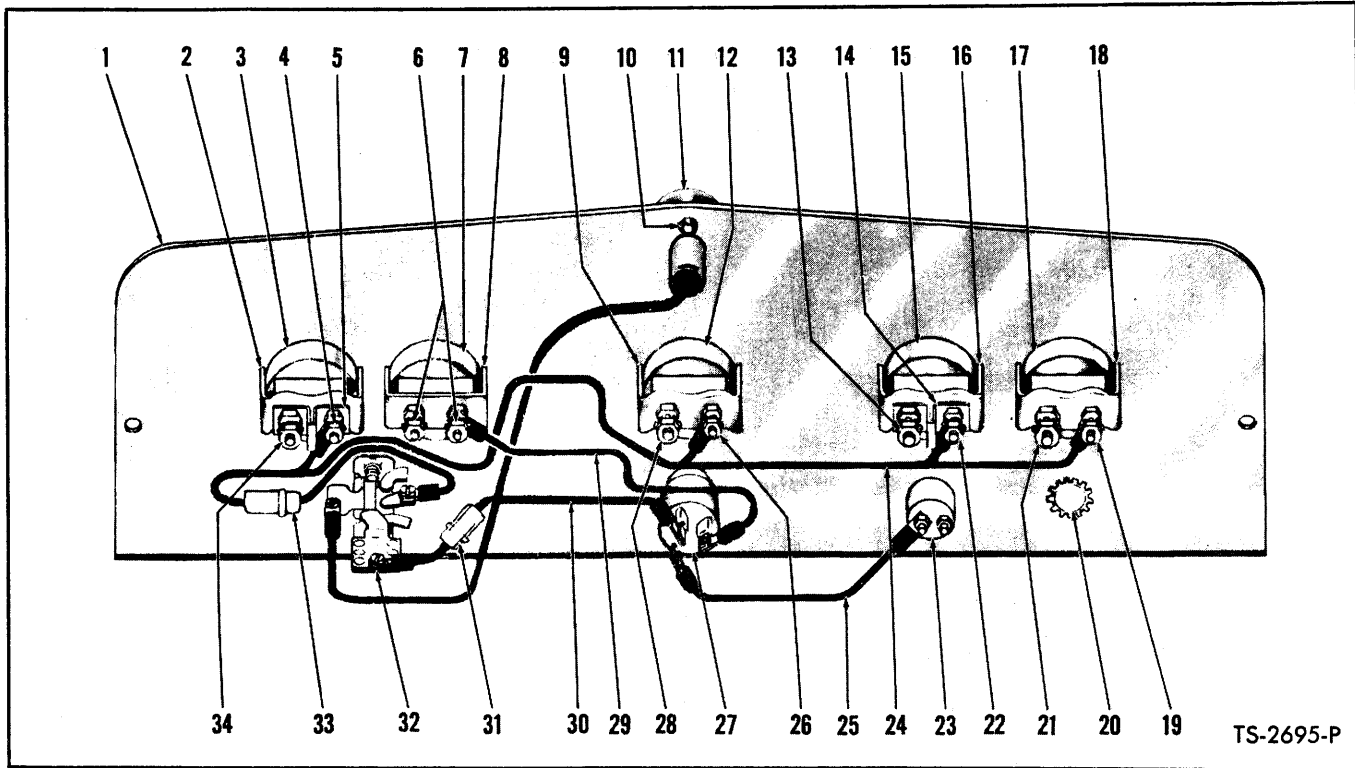
TS-139-P

INSTRUMENT PANEL



INSTRUMENT PANEL ASSEMBLY  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Instrument Panel .....	1	18	12E-10	Lkwshr, Sender Terminal.....	4
	550733	For Serial: 75A — 8123 and thereafter 75B — 6123 thru 6200 75R — 7123 and thereafter		19	12D-8	Nut, Ignition Terminal.....	8
2	2C-710	Bolt, Panel to Shroud.....	3	20	12E-8	Lkwshr, Ignition Terminal.....	4
2A	2C-616	Bolt, Panel to Shroud.....	1	21	626530	Clamp, Instruments .....	4
3	4E-07	Lkwshr, Panel to Shroud.....	3	22A	600259	Push Button, Glow Plug — DIESEL... 1	
3A	4E-06	Lkwshr, Panel to Shroud.....	1	23	600259	Push Button, Starter.....	1
3B	2D-06	Nut, Panel to Shroud.....	1	24A	552938	Wire, Ign. Switch to Starter & Glow Plug Buttons — DIESEL .....	1
4	551320	Gauge, Fuel .....	1	25	552935	Wire, Light Switch to Instruments... 1	
5	602350	Terminal Separator, Fuel Gauge... 1		27		Ignition Switch .....	1
6	550735	Ammeter .....	1		550740	For Serial: 75A — 8123 and thereafter 75B — 6123 thru 6200 75R — 7123 and thereafter	
7	601212	Clamp, Ammeter .....	1	28	611074	Fuse, Ign. Switch to Light Switch... 1	
8	14D-10	Nut, Ammeter Terminal.....	4	29	552946	Wire, Ign. Switch to Light Switch... 1	
9	12E-10	Lkwshr, Ammeter Terminal.....	2	30	550741	Light Switch .....	1
10	551503	Dash Lamp .....	1	31	550742	Rod, Light Switch.....	1
11	18G-606	Screw, Dash Lamp.....	2	32	550743	Bushing, Light Switch.....	1
12	12E-6	Lkwshr, Dash Lamp.....	2	33	661555	Fuse, Light Switch to Instruments... 1	
13	551321	Gauge, Torque Conv. Temp.....	1				
14	551319	Gauge, Oil Pressure.....	1				
15	602350	Terminal Separator, Oil Pressure Gauge .....	1				
16	551322	Gauge, Engine Temperature.....	1				
17	14D-10	Nut, Sender Terminal.....	8				



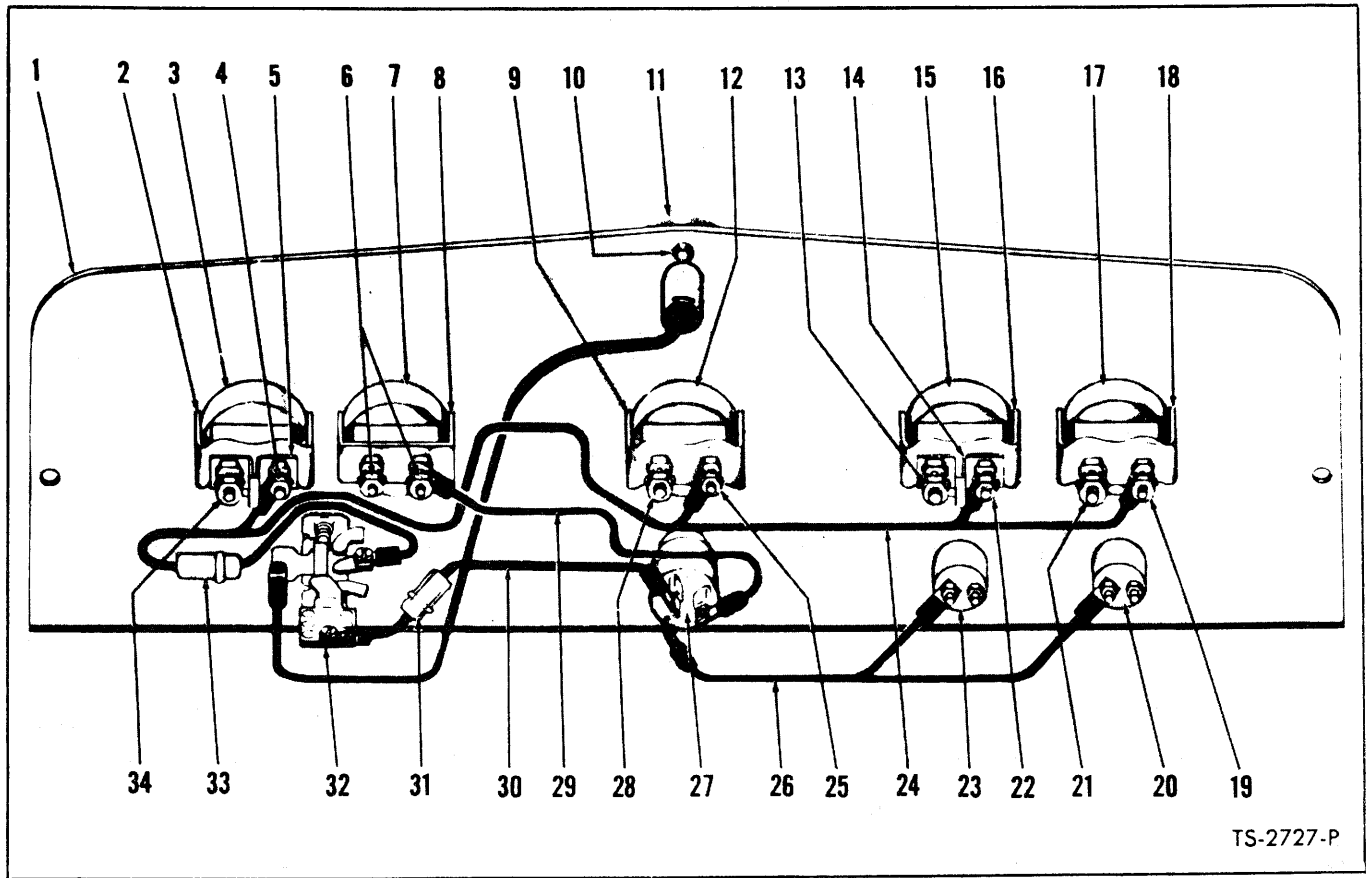
**INSTRUMENT PANEL — GAS**

Item No.	Part No.	Description	No. Req'd.
1	550733	PANEL, Instrument	1
2	626530	CLAMP, Fuel Gauge	1
3	551320	GAUGE, Fuel	1
4	12D-8	NUT, Gauge	2
4A	12E-8	†LKWSHR, Gauge	1
5	602350	SEPARATOR, Fuel Gauge Terminals	1
6	14D-10	NUT, Ammeter	4
6A	12E-10	†LKWSHR, Ammeter	2
7	550735	AMMETER	1
8	601212	CLAMP, Ammeter	1
9	626530	CLAMP, Torque Conv. Temp. Gauge	1
10	18G-606	SCREW, Dash Lamp	2
10A	12E-6	†LKWSHR, Dash Lamp	2
11	551503	LAMP, Dash	1
12	551321	GAUGE, Torque Converter Temp.	1
13	14D-10	NUT, Oil Pressure Gauge	2
13A	12E-10	†LKWSHR, Oil Pressure Gauge	1
14	602350	SEPARATOR, Oil Pressure Gauge	1
15	551319	GAUGE, Oil Pressure	1
16	626530	CLAMP, Oil Pressure Gauge	1
17	551322	GAUGE, Engine Temperature	1
18	626530	CLAMP, Engine Temperature Gauge	1
19	12D-8	NUT, Engine Temperature Gauge	2
19A	12E-8	†LKWSHR, Engine Temperature Gauge	1
20	696073	BUTTON, Plug	1
21	14D-10	NUT, Engine Temperature Gauge	2

Item No.	Part No.	Description	No. Req'd.
21A	12E-10	†LKWSHR, Engine Temperature Gauge	1
22	12D-8	NUT, Oil Pressure Gauge	2
22A	12E-8	†LKWSHR, Oil Pressure Gauge	1
23	600259	PUSH BUTTON, Starter	1
23A	857420	†BOOT, Push Button — Rubber	1
24	552935	WIRE, Light Switch to Gauges	1
25	550746	WIRE, Ignition Switch to Starter Button	1
26	12D-8	NUT, Converter Temperature Gauge	2
26A	12E-8	†LKWSHR, Converter Temp. Gauge	1
27	550740	SWITCH, Ignition	1
28	14D-10	NUT, Converter Temperature Gauge	2
28A	12E-10	†LKWSHR, Converter Temp. Gauge	1
29	639543	WIRE, Ignition Switch to Ammeter	1
30	552946	WIRE, Ignition Switch to Light Switch	1
31	611074	FUSE — 20 Amp	1
32	550741	SWITCH, Light	1
32A	550742	†ROD, Light Switch	1
32B	550743	†BUSHING, Light Switch	1
33	661555	FUSE — 4 Amp	1
34	14D-10	NUT, Fuel Gauge	2
34A	12E-10	†LKWSHR, Fuel Gauge	1
35	2C-710	†BOLT, Panel Attaching — 7/16" x 5/8"	4
37	4E-07	†LKWSHR, Panel Attaching — 7/16"	4

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2727-P

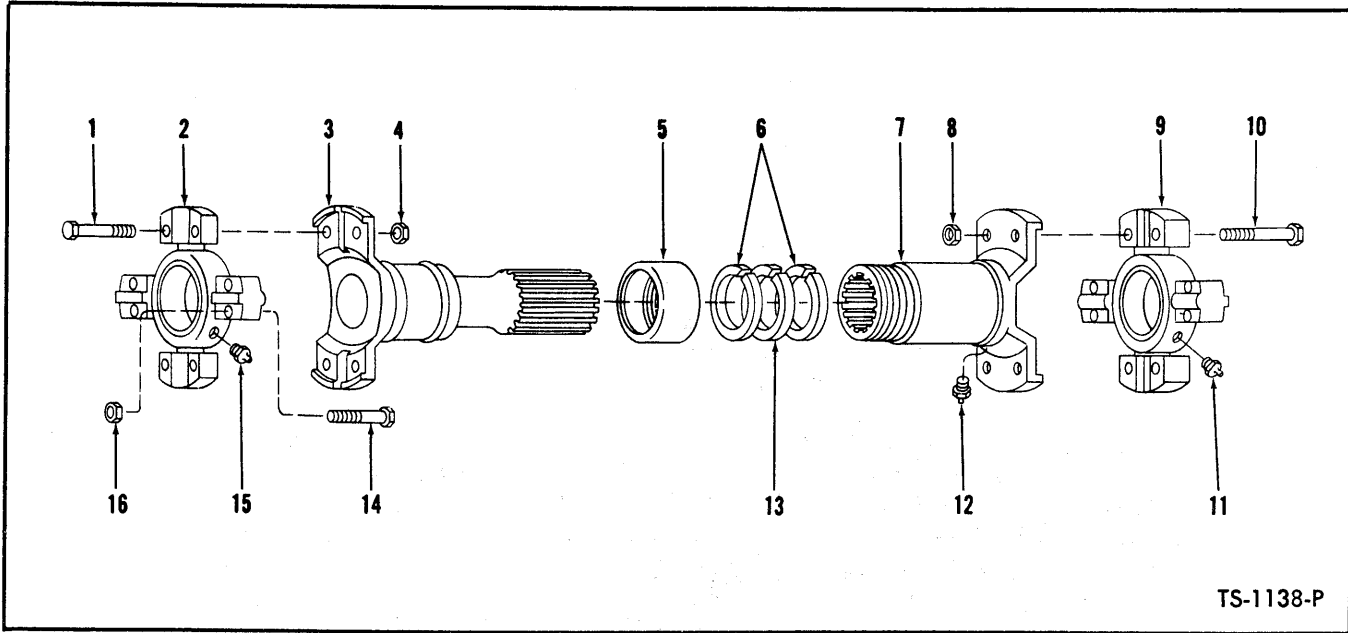
**INSTRUMENT PANEL — DIESEL**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550733	PANEL, Instrument	1	21	14D-10	NUT, Engine Temperature Gauge	2
2	601212	CLAMP, Fuel Gauge	1	21A	12E-10	†LKWSHR, Engine Temperature Gauge	1
3	551320	GAUGE, Fuel	1	22	12D-8	NUT, Oil Pressure Gauge	2
4	12D-8	NUT, Fuel Gauge	2	22A	12E-8	†LKWSHR, Oil Pressure Gauge	1
4A	12E-8	†LKWSHR, Fuel Gauge	1	23	600259	PUSH BUTTON, Starter	1
5	602350	SEPARATOR, Fuel Gauge Terminals	1	23A	857420	†BOOT, Push Button — Rubber	1
6	14D-10	NUT, Ammeter	4	24	552935	WIRE, Light Switch to Gauges	1
6A	12E-10	†LKWSHR, Ammeter	2	25	12D-8	NUT, Converter Temperature Gauge	2
7	550735	AMMETER	1	25A	12E-8	†LKWSHR, Converter Temp. Gauge	1
8	601212	CLAMP, Ammeter	1	26	552938	WIRE, Ignition Switch to Starter & Glow Plug Button	1
9	601212	CLAMP, Converter Temp. Gauge	1	27	573548	SWITCH, Ignition (Keyed)	1
10	18G-606	SCREW, Dash Lamp to Panel	2	28	14D-10	NUT, Converter Temperature Gauge	2
10A	12E-6	†LKWSHR, Dash Lamp to Panel	2	28A	12E-10	†LKWSHR, Converter Temp. Gauge	1
11	551503	*DASH LAMP	1	29	639543	WIRE, Ignition Switch to Ammeter	1
12	551321	GAUGE, Torque Converter Temp.	1	30	552946	WIRE, Ignition Switch to Light Switch	1
13	14D-10	NUT, Oil Pressure Gauge	2	31	611074	FUSE — 20 Amp	1
13A	12E-10	†LKWSHR, Oil Pressure Gauge	1	32	550741	SWITCH, Light	1
14	602350	SEPARATOR, Oil Pressure Gauge	1	32A	550742	†ROD, Light Switch	1
15	551319	GAUGE, Oil Pressure	1	32B	550743	†BUSHING, Light Switch	1
16	601212	CLAMP, Oil Pressure Gauge	1	33	661555	FUSE — 4 Amp	1
17	551322	GAUGE, Engine Temperature	1	34	14D-10	NUT, Fuel Gauge	2
18	601212	CLAMP, Engine Temperature Gauge	1	34A	12E-10	†LKWSHR, Fuel Gauge	1
19	12D-8	NUT, Engine Temperature Gauge	2	35	2C-710	†BOLT, Panel Attaching — 3/8" x 5/8"	3
19A	12E-8	†LKWSHR, Engine Temperature Gauge	1	36	2C-616	†BOLT, Panel Attaching — 3/8" x 1"	1
20	600259	PUSH BUTTON, Glow Plug	1	37	4E-07	†LKWSHR, Panel Attaching — 3/8"	3
20A	857420	†BOOT, Push Button — Rubber	1	38	4E-06	†LKWSHR, Panel Attaching — 3/8"	1

†Not Illustrated

\*NOTE: For replacement use 1 — 574276 Lamp plus 1 — 940316 Bulb & 1 — 574275 Tab.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-1138-P

**PROPELLER SHAFT – TRANSMISSION TO AXLES**

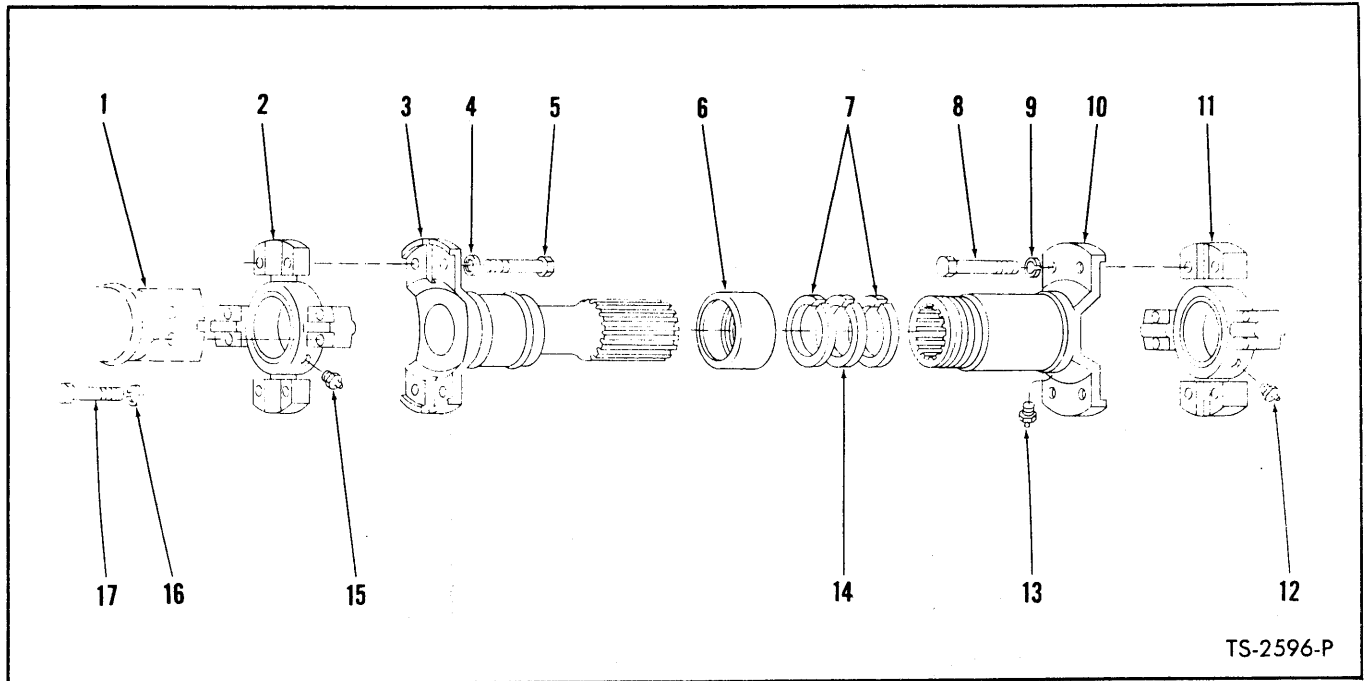
Item No.	Part No.	Description	No. Req'd.
A		PROP SHAFT ASSY (Inc. 1 thru 16)	
B	550580	*For 75A and 75B	2
<b>Quantities listed below are for 1 Prop Shaft.</b>			
1	940089	BOLT, Spider & Bearing to Tube	4
2	941572	SPIDER & BEARING (Inc. 2A)	1
2A	940249	†SEAL, Spider & Bearing Grease	4
3		TUBE	
3A	940249	For 75A and 75B	1
3B	940230	For 75R	1
4	8D-06	NUT, Spider & Bearing to Tube	4
5	940090	RETAINER, Felt	1
6	940091	WASHER, Felt Retainer	2
7	942660	SLIP YOKE	1
8	8D-06	NUT, Spider & Bearing to Slip Yoke	4
9	941572	SPIDER & BEARING (Inc. 9A)	1
9A	940249	†SEAL, Spider & Bearing Grease	4
10	940089	BOLT, Spider & Bearing to Slip Yoke	4
11	10H-35	FITTING, Spider & Bearing Grease	1
12	10H-25	FITTING, Slip Yoke Grease	1
13	940092	WASHER, Felt	1
14	940089	BOLT, Spider & Bearing Attaching	8
15	10H-35	FITTING, Spider & Bearing Grease	1
16	8D-06	NUT, Spider & Bearing Attaching	8

\*NOTE: Quantity required this item for 75B is one.

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





TS-2596-P

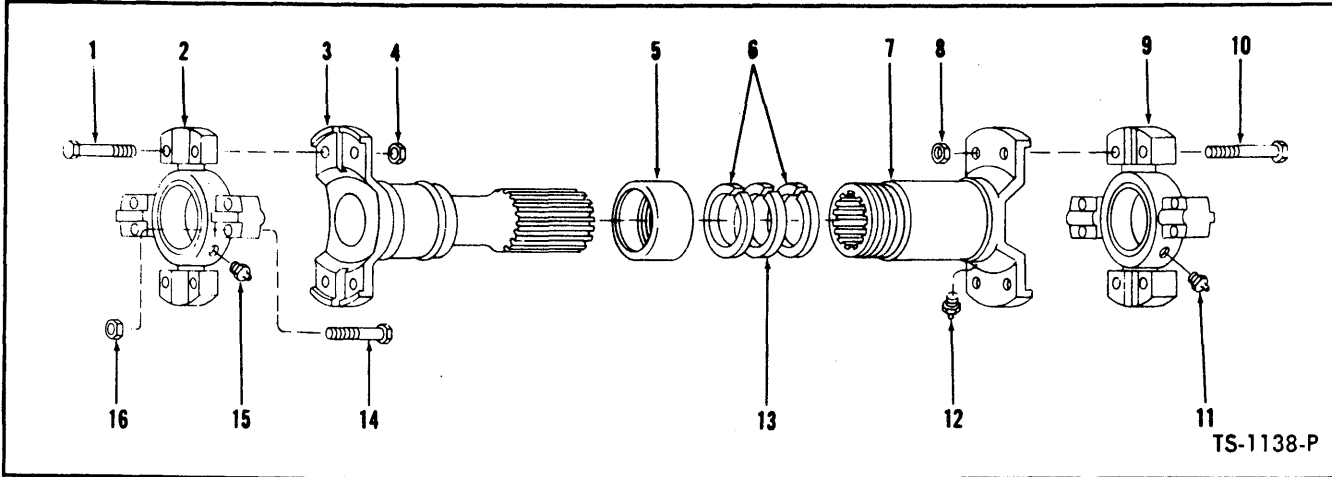
**PROPELLER SHAFT — ENGINE TO TRANSMISSION**

For Serial **75A GAS** — 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 & thereafter  
**75A DIESEL** — 10223 thru 12183, 1CB893 & thereafter  
**75B** — 6201 thru 6270  
**75R** — 7155 thru 7184

Item No.	DESCRIPTION	No. Req'd.	
A	PROPELLER SHAFT ASSY (Inc. 1 thru 17)	1	514268
1	FLANGE — See Converter & Transmission Listings	—	—
2	SPIDER & BEARING (Inc. 2A)	1	943221
2A	†SEAL, Spider & Bearing Grease	4	940076
3	STUB YOKE	1	942659
4	LKWSHR, Spider to Stub Yoke	4	4E-05
5	BOLT, Spider to Stub Yoke	4	695811
6	RETAINER, Felt	1	940654
7	WASHER, Felt Retainer	2	940653
8	BOLT, Spider to Slip Yoke	4	695811
9	LKWSHR, Spider to Slip Yoke	4	4E-05
10	SLIP YOKE	1	943222
11	SPIDER & BEARING (Inc. 11A)	1	943221
11A	†SEAL, Spider & Bearing Grease	4	940076
12	FITTING, Spider Grease	1	10H-35
13	FITTING, Slip Yoke Grease	1	10H-25
14	WASHER, Felt	1	940081
15	FITTING, Spider Grease	1	10H-35
16	LKWSHR, Spider Attaching	8	4E-05
17	BOLT, Spider Attaching	8	695811

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**PROPELLER SHAFT ASSEMBLY—G.M.**

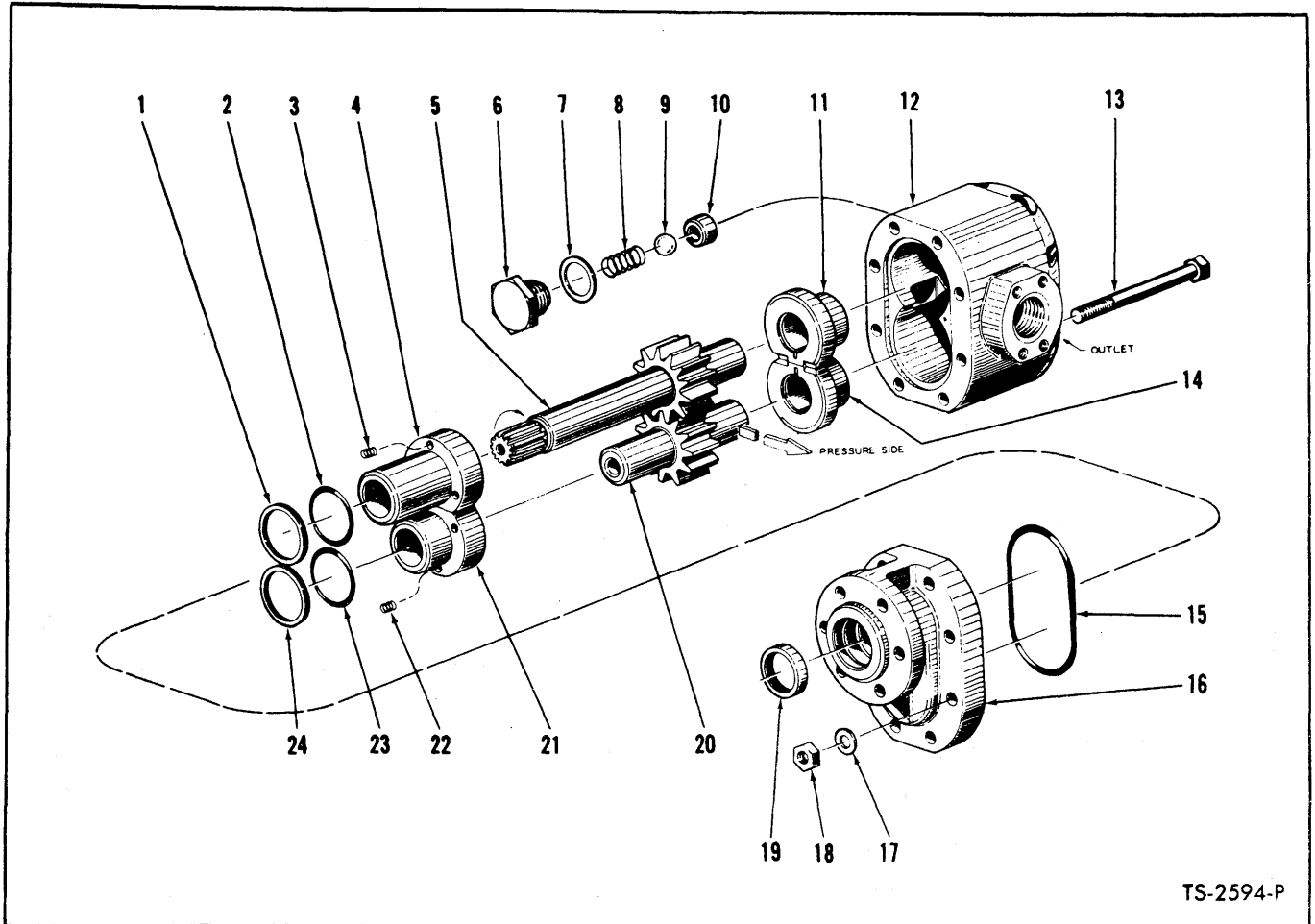
**Column 1: Converter to Transmission**

**Column 2: Transmission to Axles (2 Required)**

Item No.	Description	No. Req'd.	1.	2.
A	PROPELLER SHAFT ASSY (Inc. 1 thru 16)	1	529850	550580
1	BOLT, Spider & Bearing to Tube	4	695811	940089
1A	†LKWSHR, Spider & Bearing to Tube	4	4E-06	OMIT
2	SPIDER & BEARING (Inc. 2A)	1	944865	944862
2A	†SEAL, Spider & Bearing Grease	4	944863	944861
3	TUBE	1	944670	940084
4	NUT, Spider & Bearing to Tube	4	OMIT	8D-06
5	RETAINER, Felt	1	940654	940090
6	WASHER, Felt Retainer	2	940653	940091
7	SLIP YOKE	1	944868	940093
8	NUT, Spider & Bearing to Slip Yoke	4	OMIT	8D-06
9	SPIDER & BEARING (Inc. 9A)	1	944865	944862
9A	†SEAL, Spider & Bearing Grease	4	944863	944861
10	BOLT, Spider & Bearing to Slip Yoke	4	695811	940089
10A	†LKWSHR, Spider & Bearing to Slip Yoke	4	4E-06	OMIT
11	FITTING, Spider Grease	1	10H-25	10H-25
12	FITTING, Slip Yoke Grease	1	10H-25	10H-25
13	WASHER, Felt	1	940081	940092
14	BOLT, Spider & Bearing Attaching	8	695811	940089
14A	†LKWSHR, Spider & Bearing Attaching	8	4E-06	OMIT
15	FITTING, Spider Grease	1	10H-25	10H-25
16	NUT, Spider & Bearing Attaching	8	OMIT	8D-06

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP – BUCKET AND BOOM**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	550242	*PUMP ASSY (Inc. 1 thru 24)	1	11	§BEARING, Body – Drive	1	
B	941643	REPAIR KIT, Minor (Inc. 1, 2, 7, 15, 19, 23, 24)	1	12	§BODY	1	
C	942427	GEAR SET, Drive & Driven (Inc. 5, 20)	1	13	§BOLT, Cover to Body	8	
1	§WASHER, Back-Up	1	14	§BEARING, Body – Driven	1		
2	§"O" RING	1	15	§GASKET, Cover	1		
3	§SPRING, Bearing	3	16	§COVER	1		
4	§BEARING, Cover – Drive	1	17	§WASHER, Cover to Body	8		
5	§GEAR, Drive	1	18	§NUT, Cover to Body	8		
6	§RETAINER, Seal Relief	1	19	§SEAL, Shaft Oil	1		
7	§GASKET, Seal Relief	1	20	§GEAR, Driven	1		
8	**OMIT	—	21	§BEARING, Cover – Driven	1		
9	**OMIT	—	22	§SPRING, Bearing	3		
10	§SEAT, Ball	1	23	§"O" RING	1		
			24	§WASHER, Back-Up	1		
			25	551906 +GASKET, Pump to Converter	1		
			26	8D-06 +NUT, Pump to Converter	6		
			27	4E-06 +LKWSHR, Pump to Converter	6		

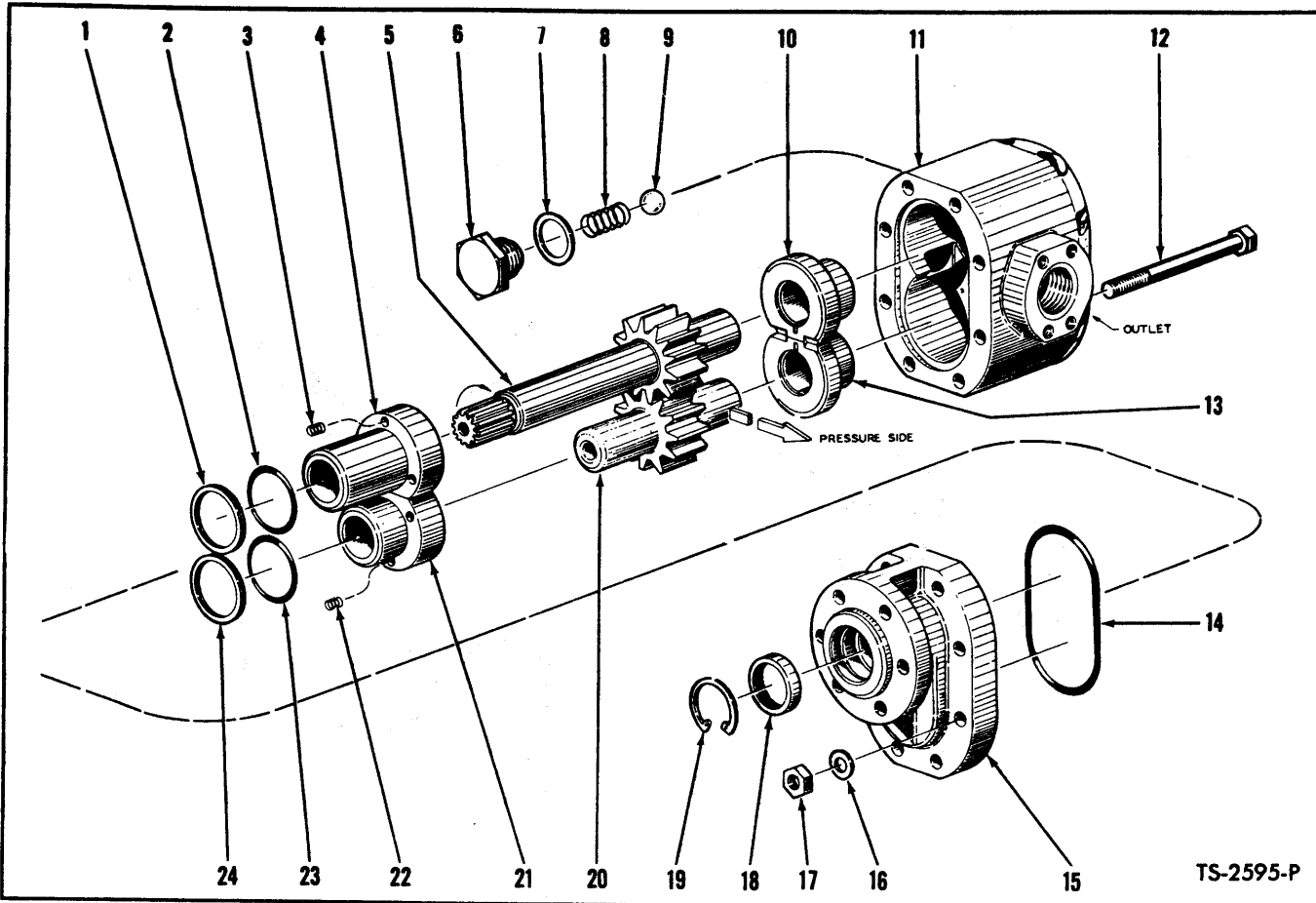
\*NOTE: When complete pump assy is replaced use 450015 Pump plus one 356631 Bushing, one 356627 Bushing, one 32F-7 Adapter Union, one 26F-7 Elbow and one 5K-1048 Nipple.

\*\*NOTE: Omit these items when rebuilding Pump.

+Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP – BUCKET AND BOOM**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	553417	*PUMP ASSY (Inc. 1 thru 24)	1	12	-----	§BOLT, Cover to Body	8
B	941646	REPAIR KIT, Major (Inc. 1 thru 4, 7, 10, 12, 13, 14, 16 thru 19, 21 thru 24)	1	13	-----	§BEARING, Body – Driven	1
C	941644	REPAIR KIT, Minor (Inc. 1, 2, 7, 14, 18, 19, 23, 24)	1	14	-----	§GASKET, Cover	1
1	-----	§WASHER, Back-Up	1	15	-----	§COVER	1
2	-----	§"O" RING	1	16	-----	§WASHER, Cover to Body	8
3	-----	§SPRING, Bearing	3	17	-----	§NUT, Cover to Body	8
4	-----	§BEARING, Cover – Drive	1	18	-----	§SEAL, Shaft Oil	1
5	-----	§GEAR, Drive	1	19	-----	§RING, Seal Retaining	1
6	-----	§RETAINER, Seal Relief	1	20	-----	§GEAR, Driven	1
7	-----	§GASKET, Seal Relief	1	21	-----	§BEARING, Cover – Driven	1
8	-----	**OMIT	—	22	-----	§SPRING, Bearing	3
9	-----	**OMIT	—	23	-----	§"O" RING	1
10	-----	§BEARING, Body – Drive	1	24	-----	§WASHER, Back-Up	1
11	-----	§BODY	1	25	551906	†GASKET, Pump to Converter	1
				26	8D-06	†NUT, Pump to Converter	6
				27	4E-06	†LKWSHR, Pump to Converter	6

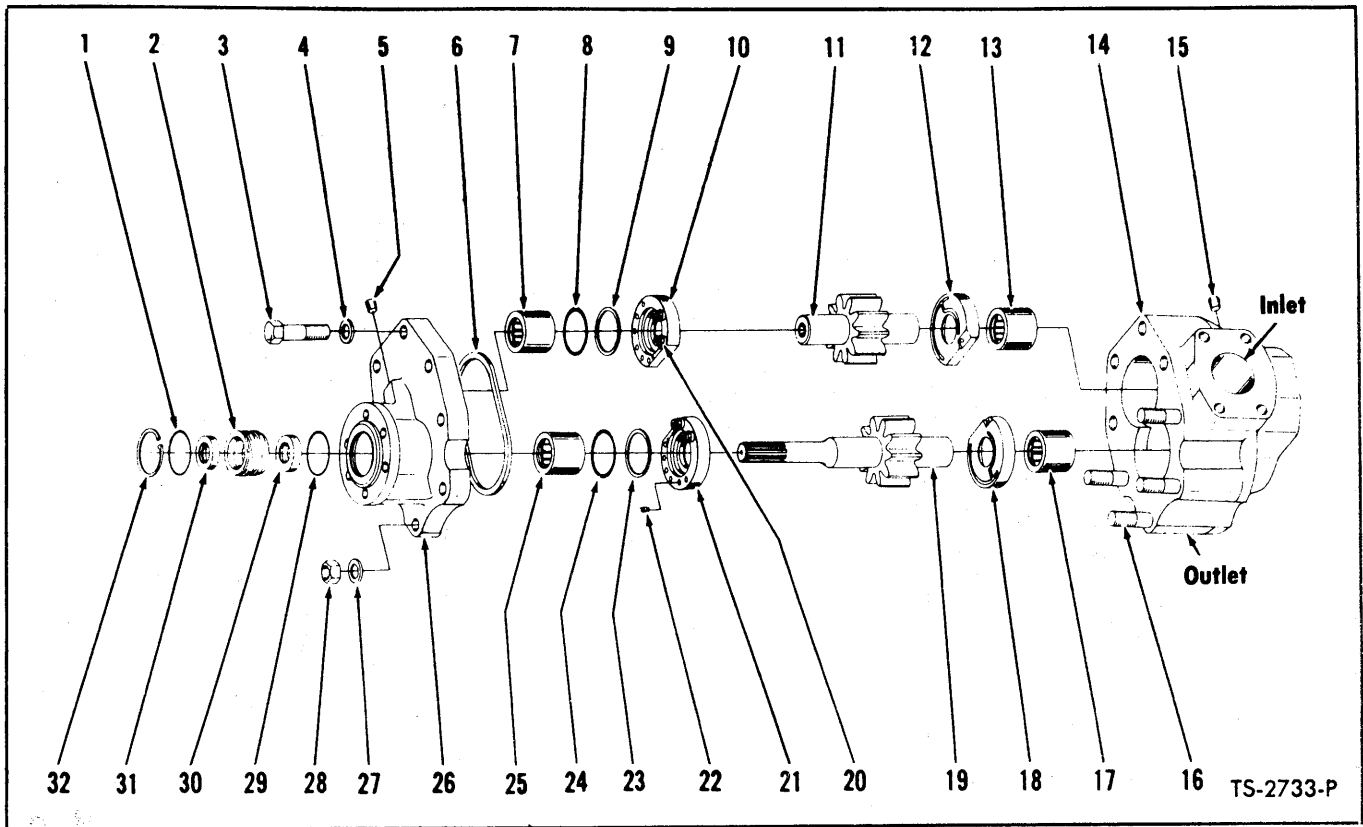
\*NOTE: When replacing complete pump assy use 450015 Pump plus one 522019 Hose, one 31F-5 Adapter Union, one 356631 Bushing and one 356627 Bushing.

\*\*NOTE: Omit these items when rebuilding pump.

†Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

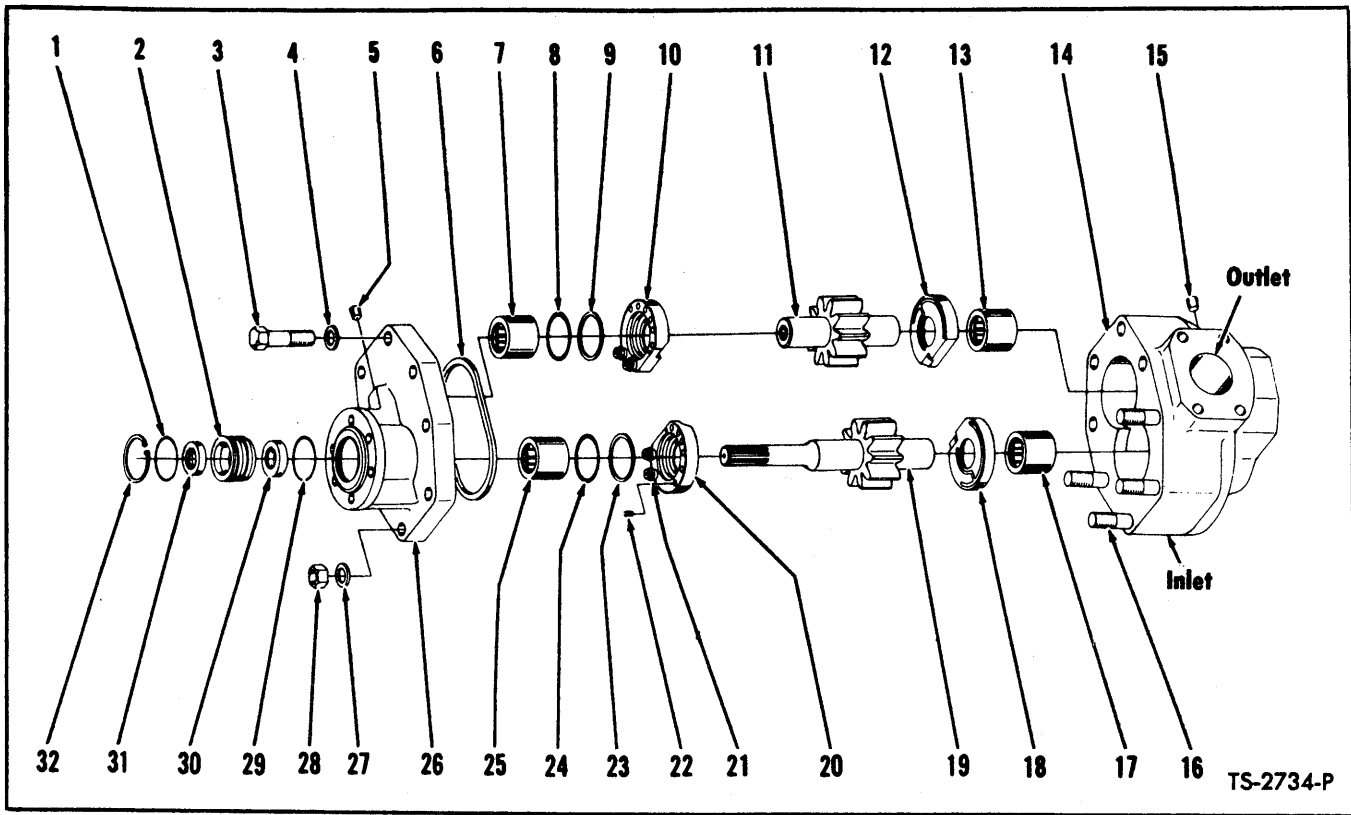


**HYDRAULIC PUMP – BUCKET AND BOOM**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450015	PUMP ASSY (Inc. 1 thru 32)	1	14	-----	**§BODY	1
B	498132	REPAIR KIT, Major (Inc. 10, 12, 18, 20, 21)	1	15	-----	§PLUG, Body	1
C	498131	*REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 8, 9, 20, 22, 23, 24, 28, 29)	1	16	-----	§STUD, Cover to Body	4
D	498036	GEAR SET, Drive & Driven (Inc. 11, 19)	1	17	-----	**§BEARING, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 29 thru 32)	1	18	-----	§THRUST PLATE, Body	1
1	-----	§"O" RING, Retainer	1	19	-----	§GEAR, Drive	1
2	-----	§RETAINER, Shaft Seal	1	20	-----	§"O" RING, Piston	4
3	-----	§BOLT, Cover to Body	4	21	-----	§THRUST PLATE, Cover (Inc. 20)	1
4	-----	§WASHER, Cover to Body	4	22	-----	§SPRING, Cover Thrust Plate	12
5	-----	§PLUG, Cover	1	23	-----	§WASHER, "O" Ring Back-Up	1
6	-----	§GASKET, Cover	1	24	-----	§"O" RING, Cover Thrust Plate	1
7	-----	**§BEARING, Cover	1	25	-----	**§BEARING, Cover	1
8	-----	§"O" RING, Cover Thrust Plate	1	26	-----	**§COVER	1
9	-----	§WASHER, "O" Ring Back-Up	1	27	-----	§WASHER, Cover to Body	4
10	-----	§THRUST PLATE, Cover (Inc. 20)	1	28	-----	§NUT, Cover to Body	4
11	-----	§GEAR, Drive	1	29	-----	§"O" RING, Retainer	1
12	-----	§THRUST PLATE, Body	1	30	-----	§SEAL, Inner Oil	1
13	-----	**§BEARING, Body	1	31	-----	§SEAL, Outer Oil	1
				32	-----	§RING, Seal Retaining	1
				33	551906	†GASKET, Pump to Converter	1
				34	8D-06	†NUT, Pump to Converter	1
				35	4E-06	†LKWSHR, Pump to Converter	1

\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.  
 \*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.  
 †Not Illustrated  
 ‡Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP – BUCKET AND BOOM – MODEL 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450061	PUMP ASSY (Inc. 1 thru 32)	1	15	---	§PLUG, Body	1
B	498132	REPAIR KIT, Major (Inc. 10, 12, 18, 20)	1	16	---	§STUD, Cover to Body	1
C	498131	*REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 8, 9, 21, 22, 23, 24, 28, 29)	1	17	---	**§BEARING, Body	1
D	498036	GEAR SET, Drive & Driven (Inc. 11, 19)	1	18	---	§THRUST PLATE, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 29, 30, 31, 32)	1	19	---	§GEAR, Drive	1
1	---	§"O" RING, Retainer	1	20	---	§THRUST PLATE, Cover (Inc. 21)	1
2	---	§RETAINER, Shaft Seal	1	21	---	§"O" RING, Piston	4
3	---	§BOLT, Cover to Body	4	22	---	§SPRING, Cover Thrust Plate	12
4	---	§WASHER, Cover to Body	4	23	---	§WASHER, "O" Ring Back-Up	1
5	---	§PLUG, Cover	1	24	---	§"O" RING, Cover Thrust Plate	1
6	---	§GASKET, Cover	1	25	---	**§BEARING, Cover	1
7	---	**§BEARING, Cover	1	26	---	**§COVER	1
8	---	§"O" RING, Cover Thrust Plate	1	27	---	§WASHER, Cover to Body	4
9	---	§WASHER, "O" Ring Back-Up	1	28	---	§NUT, Cover to Body	4
10	---	§THRUST PLATE, Cover (Inc. 21)	1	29	---	§"O" RING, Retainer	1
11	---	§GEAR, Driven	1	30	---	§SEAL, Inner Oil	1
12	---	§THRUST PLATE, Body	1	31	---	§SEAL, Outer Oil	1
13	---	**§BEARING, Body	1	32	---	§RING, Seal Retaining	1
14	---	**§BODY	1	33	214962	†SLEEVE, Pump Drive	1
				34	551906	†GASKET, Pump to Converter	1
				35	8D-06	†NUT, Pump to Converter	6
				36	4E-06	†LKWSHR, Pump to Converter	6

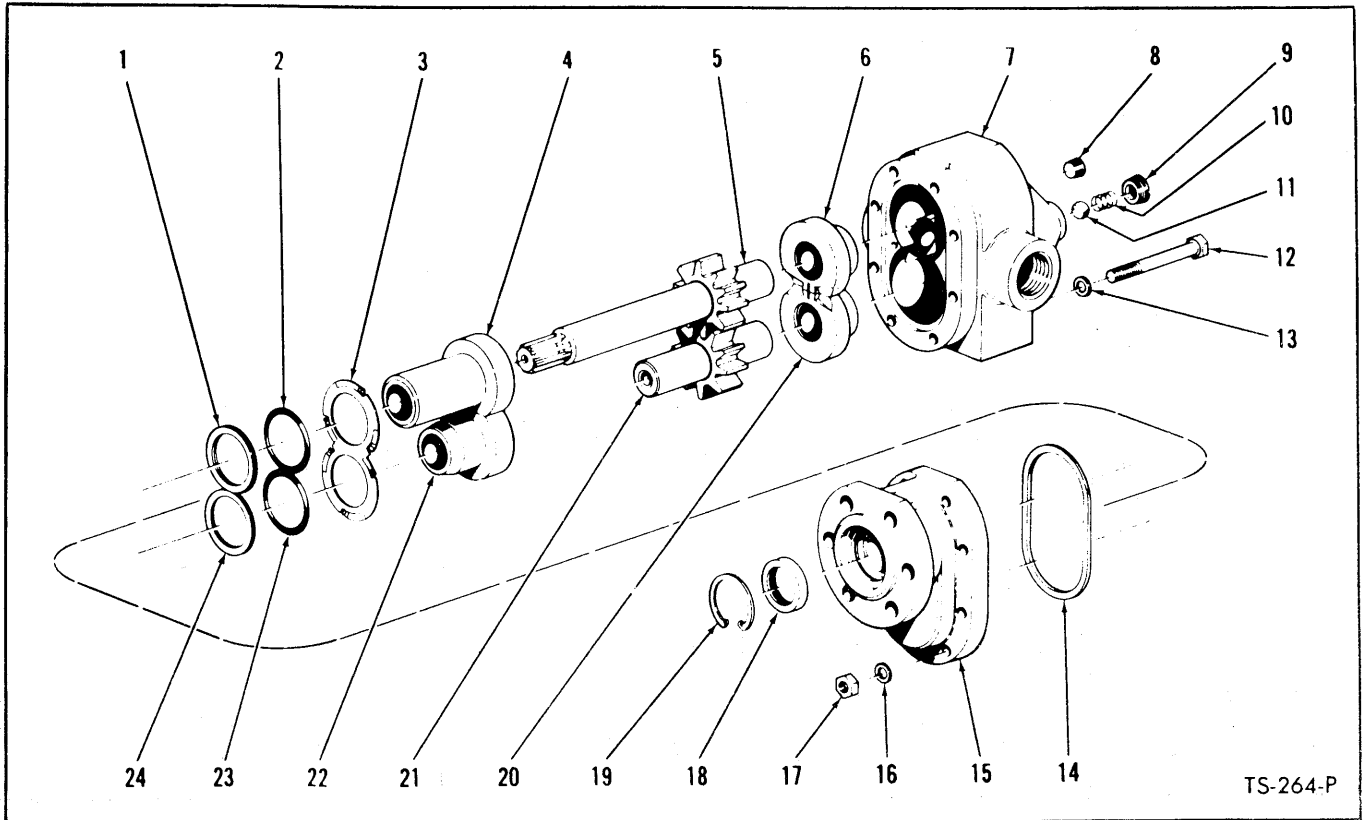
\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

\*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-264-P

**HYDRAULIC PUMP – CONVERTER CHARGING – WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	221450	*PUMP ASSY (Inc. 1 thru 24)	1	12	-----	§BOLT, Cover to Body	8
B	942404	REPAIR KIT, Major (Inc. 1 thru 4, 6, 10 thru 14, 16 thru 20, 22, 23, 24)	1	13	-----	§WASHER, Cover to Body	8
C	942403	REPAIR KIT, Minor (Inc. 1, 2, 14, 18, 19, 23, 24)	1	14	-----	§GASKET, Cover	1
D	942432	GEAR SET, Drive & Driven (Inc. 5, 21)	1	15	-----	§COVER	1
1	-----	§WASHER, Back-Up	1	16	-----	§WASHER, Cover to Body	8
2	-----	§"O" RING	1	17	-----	§NUT, Cover to Body	8
3	-----	§SPRING, Bearing	1	18	-----	§SEAL, Shaft Oil	1
4	-----	§BEARING, Cover – Drive	1	19	-----	§RING, Seal Retaining	1
5	-----	§GEAR, Drive	1	20	-----	§BEARING, Body – Driven	1
6	-----	§BEARING, Body – Drive	1	21	-----	§GEAR, Driven	1
7	-----	§BODY	1	22	-----	§BEARING, Cover – Driven	1
8	16F-02	PLUG, Seal Chamber	1	23	-----	§"O" RING	1
9	-----	§PLUG, Seal Relief	1	24	-----	§WASHER, Back-Up	1
10	-----	**§SPRING, Seal Relief	1	25	551906	†GASKET, Pump to Converter	1
11	-----	**§BALL, Seal Relief	1	26	8D-06	†NUT, Pump to Converter	6
				27	4E-06	†LKWSHR, Pump to Converter	6

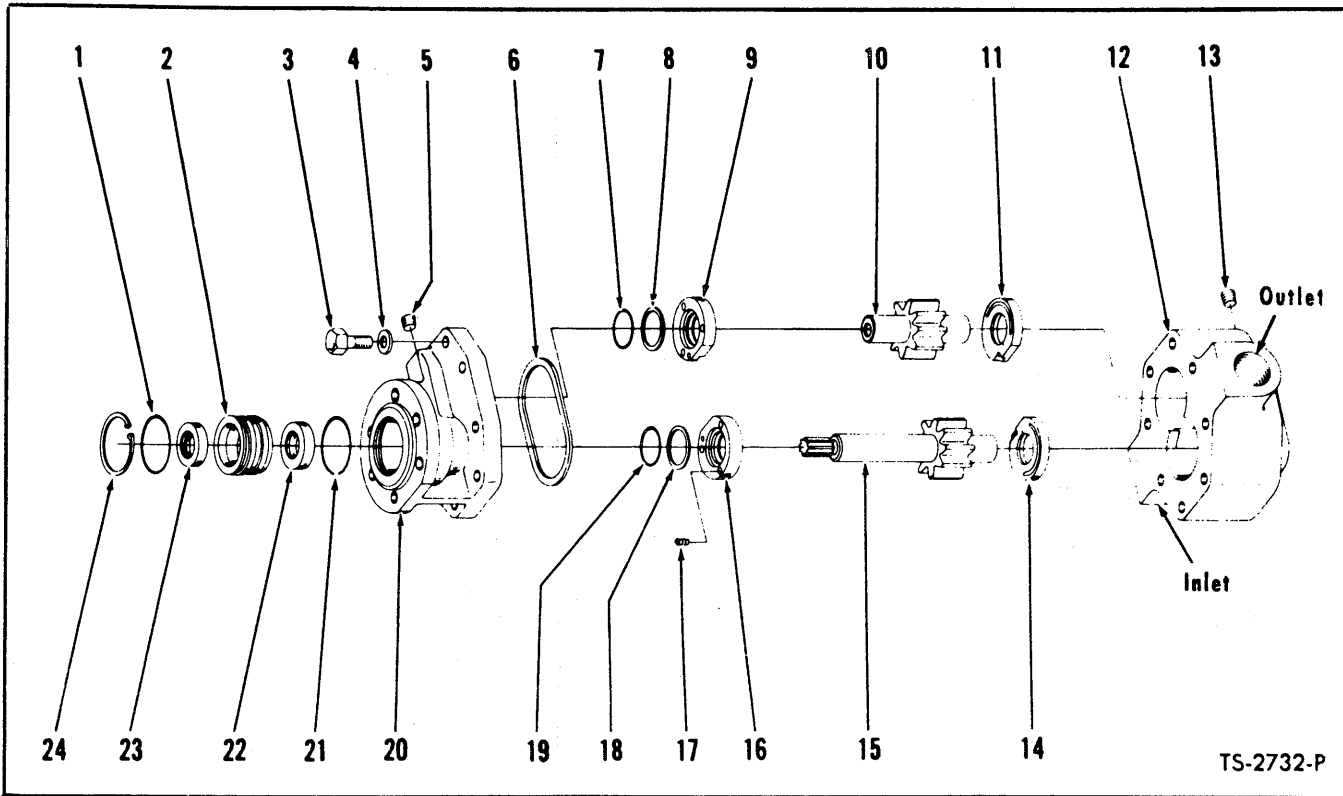
\*NOTE: When complete Pump Assembly is replaced use 450072 Pump Assembly.

†Not Illustrated

§Not Sold Separately

\*\*NOTE: Spring and Ball to be removed when rebuilding pump.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2732-P

**HYDRAULIC PUMP – CONVERTER CHARGING – WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450012	*PUMP ASSY (Inc. 1 thru 24)	1	11	-----	§THRUST PLATE, Body	1
B	498152	REPAIR KIT, Major (Inc. 9, 11, 14, 16)	1	12	-----	§BODY (Inc. Bushings) (See Note "A")	1
C	498151	**REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 7, 8, 17, 18, 19, 21)	1	13	-----	§PLUG, Body	1
D	498024	GEAR SET, Drive & Driven (Inc. 10, 15)	1	14	-----	§THRUST PLATE, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 21 thru 24)	1	15	-----	§GEAR, Drive	1
1	-----	§"O" RING, Retainer	1	16	-----	§THRUST PLATE, Cover	1
2	-----	§RETAINER, Shaft Seal	1	17	-----	§SPRING, Cover Thrust Plate	6
3	-----	§BOLT, Cover to Body	8	18	-----	§WASHER, "O" Ring Back-Up	1
4	-----	§WASHER, Cover to Body	8	19	-----	§"O" RING, Cover Thrust Plate	1
5	-----	§PLUG, Cover	1	20	-----	§COVER (Inc. Bushings) (See Note "A")	1
6	-----	§GASKET, Cover	1	21	-----	§"O" RING, Retainer	1
7	-----	§"O" RING, Cover Thrust Plate	1	22	-----	§SEAL, Inner Oil	1
8	-----	§WASHER, Back-Up	1	23	-----	§SEAL, Outer Oil	1
9	-----	§THRUST PLATE, Cover	1	24	-----	§RING, Seal Retainer	1
10	-----	§GEAR, Driven	1	25	551906	†GASKET, Pump to Converter	1
				26	8D-06	†NUT, Pump to Converter	6
				27	4E-06	†LKWSHR, Pump to Converter	6

\*NOTE: When complete pump assy is replaced use 450072 Pump.

\*\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

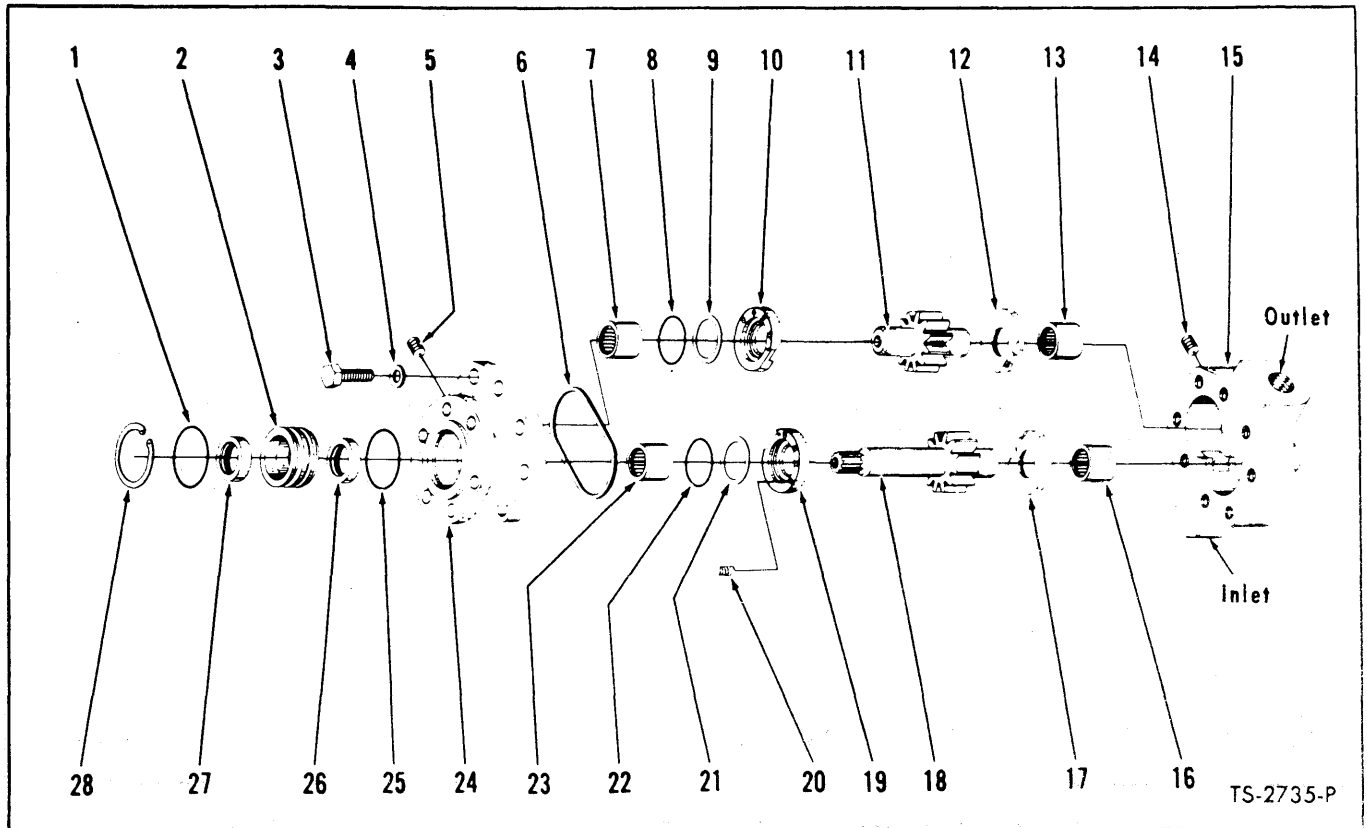
NOTE "A": Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





**HYDRAULIC PUMP – CONVERTER CHARGING – WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450072	PUMP ASSY (Inc. 1 thru 28)	1	13	-----	**§ BEARING, Body	1
B	498128	REPAIR Kit, Major (Inc. 10, 12, 17, 19)	1	14	-----	§ PLUG, Body	1
C	498127	*REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 8, 9, 20, 21, 22, 25)	1	15	-----	**§ BODY	1
D	498024	GEAR SET, Drive & Driven (Inc. 11, 18)	1	16	-----	**§ BEARING, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 25 thru 28)	1	17	-----	§ THRUST PLATE, Body	1
1	-----	§ "O" RING, Retainer	1	18	-----	§ GEAR, Drive	1
2	-----	§ RETAINER, Shaft Seal	1	19	-----	§ THRUST PLATE, Cover	1
3	-----	§ BOLT, Cover to Body	8	20	-----	§ SPRING, Cover Thrust Plate	6
4	-----	§ WASHER, Cover to Body	8	21	-----	§ WASHER, "O" Ring Back-Up	1
5	-----	§ PLUG, Cover	1	22	-----	§ "O" RING, Cover Thrust Plate	1
6	-----	§ GASKET, Cover	1	23	-----	**§ BEARING, Cover	1
7	-----	**§ BEARING, Cover – Driven	1	24	-----	**§ COVER	1
8	-----	§ "O" RING, Cover Thrust Plate	1	25	-----	§ "O" RING, Retainer	1
9	-----	§ WASHER, "O" Ring Back-Up	1	26	-----	§ SEAL, Inner Oil	1
10	-----	§ THRUST PLATE, Cover	1	27	-----	§ SEAL, Outer Oil	1
11	-----	§ GEAR, Driven	1	28	-----	§ RING, Seal Retaining	1
12	-----	§ THRUST PLATE, Body	1	29	214961	†SLEEVE, Pump Drive	1
				30	551906	†GASKET, Pump to Converter	1
				31	8D-06	†NUT, Pump to Converter	6
				32	4E-06	†LKWSHR, Pump to Converter	6

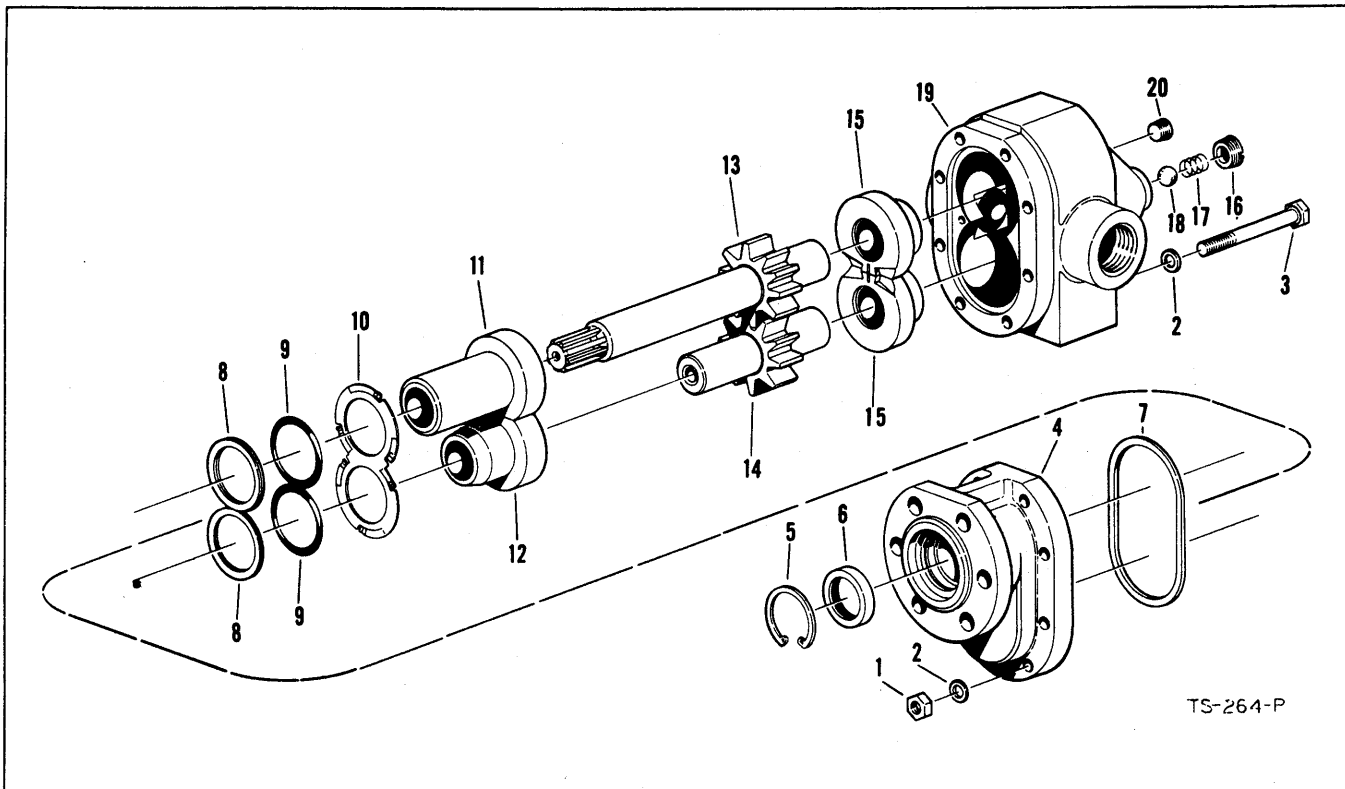
\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

\*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP CONVERTER CHARGING AND STEERING BOOSTER**

Effective with Serial:

**75A — 10223 Thru 10239, 10241 Thru 10246, 10252 and Thereafter**

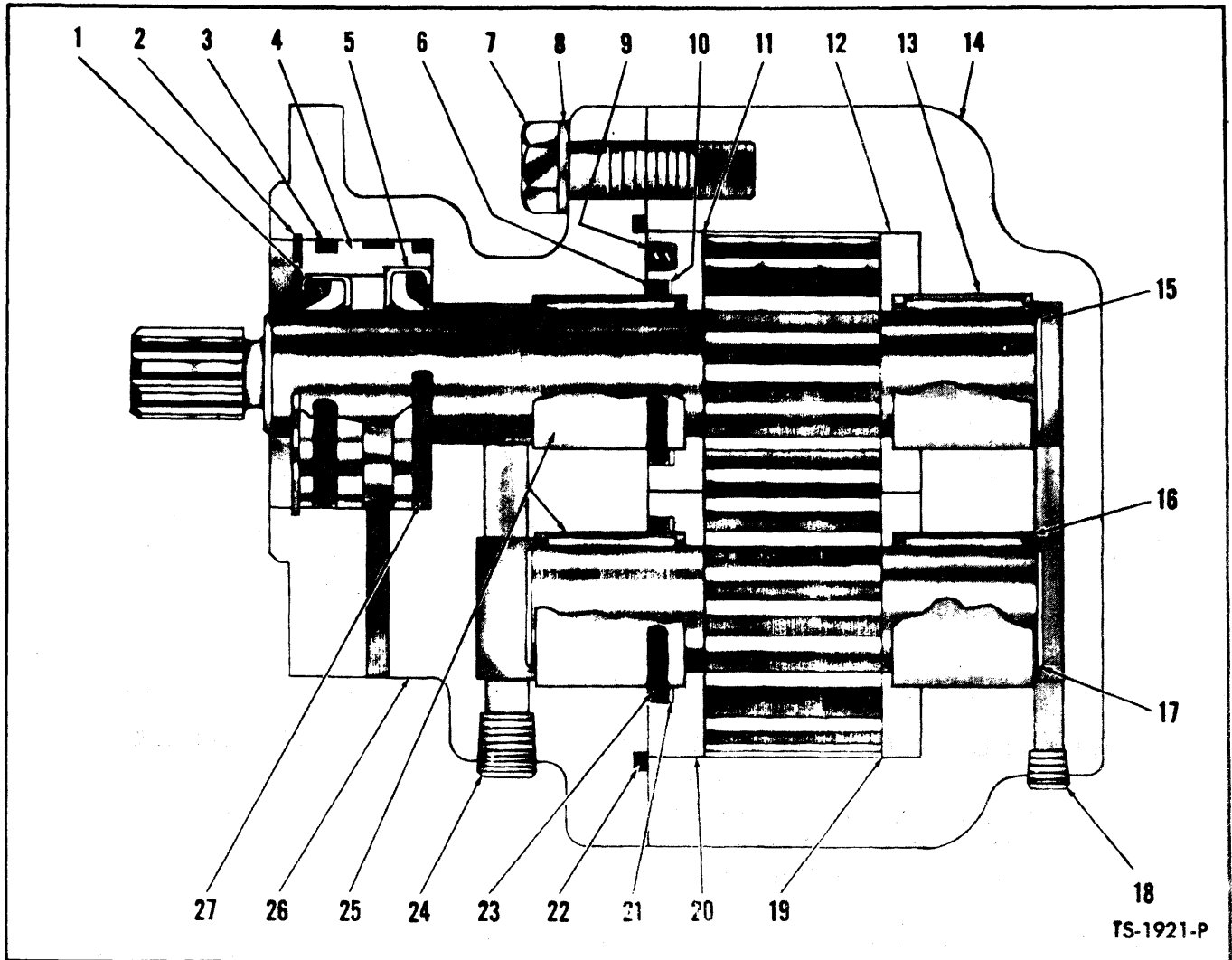
**75B — 6201 and Thereafter**

**75R — 7155 and Thereafter**

Item No.	Part No.	Description	No. Req'd.
A	*941653	Hydraulic Gear Pump (Inc. 1 thru 22)	
B	*942403	Minor Repair Kit (Inc. 5 thru 9)	
C	*942404	Major Repair Kit (Inc. 1, 2, 3, 5 thru 12, 15, 17, 18)	
D	*942432	Drive & Driven Gear Set (Inc. 13 & 14)	
1	2D-06	Nut, 3/8" — 24 hex.....	8
2	713134	Washer .....	16
3	2C-656	Bolt, 3/8" — 24 x 3 1/2" hex head .	8
4	*942513	Cover .....	1
5	713133	Ring, Seal Retainer.....	1
6	942648	Shaft Seal .....	1
7	942649	Seal Ring, Cover.....	1
8	942650	Back Up Washer .....	2
9	942651	Seal Ring, Cover Bearing.....	2

Item No.	Part No.	Description	No. Req'd.
10	942514	Spring, Bearing .....	1
11	942515	Bearing, Cover Drive.....	1
12	942516	Bearing, Cover Driven .....	1
13	942517	Gear, Drive .....	1
14	942518	Gear, Driven .....	1
15	942519	Bearing, Body Drive & Driven.....	2
16	942652	Plug, Seal Relief.....	1
17	942520	Spring, Seal Relief.....	1
18	10J-10	Ball, Seal Relief — 5/16".....	1
19	*942670	Body .....	1
20	16F-02	Plug, Seal Chamber.....	1
21	551906	†Gasket, Pump Mounting.....	1
22	514788	†Adaptor Union .....	1

\* — Only these items available as replacement parts  
 † — Not Illustrated

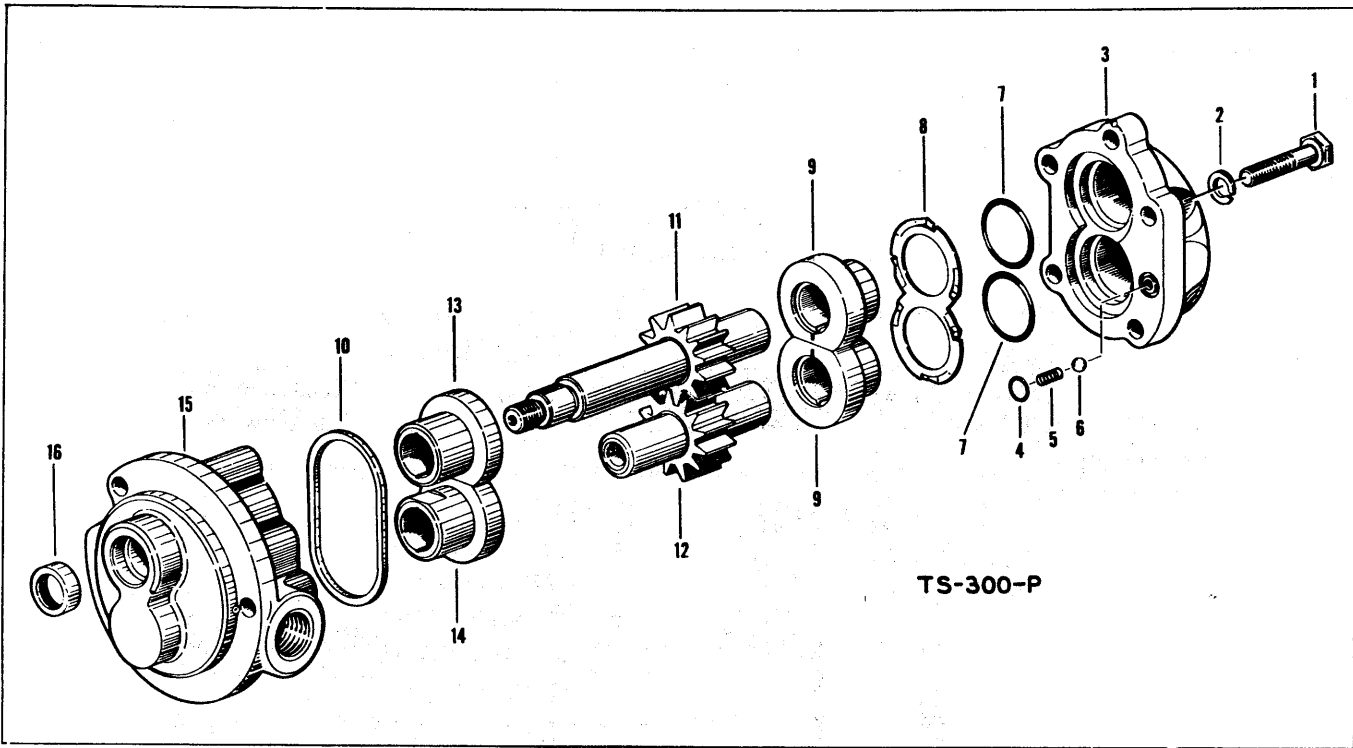


**HYDRAULIC PUMP ASSEMBLY—G.M.  
CONVERTER CHARGING AND STEERING**

Item No.	Part No.	Description	No. Req'd	Item No.	Part No.	Description	No. Req'd
A	450072	PUMP ASSY (Inc. 1 thru 26)	1	13	---	§BEARING, Body — Drive	1
B	498128	REPAIR KIT, Major (Inc. 11, 12, 19, 20)	1	14	498113	†REPAIR KIT, Shaft Seal (Inc. 1, 2, 3, 4, 5, 26)	1
C	498127	REPAIR KIT, Minor (Inc. 3, 6, 7, 8, 9, 10, 21, 22, 23, 26)	1	15	---	§GEAR, Drive	1
D	498024	GEAR SET, Drive & Driven (Inc. 15, 17)	1	16	---	§BEARING, Body — Driven	1
1	---	§SEAL, Outer Oil	1	17	---	§GEAR, Driven	1
2	---	§RING, Seal Retainer	1	18	---	§PLUG, Body	1
3	---	§"O" RING, Seal Retainer	1	19	---	§THRUST PLATE, Lower Body	1
4	---	§RETAINER, Oil Seal	1	20	---	§THRUST PLATE, Lower Cover	1
5	---	§SEAL, Inner Oil	1	21	---	§WASHER, "O" Ring Back-Up	1
6	---	§"O" RING, Cover Thrust Plate	1	22	---	§GASKET, Cover to Body	1
7	---	§BOLT, Cover to Body	8	23	---	§"O" RING, Cover Thrust Plate	1
8	---	§WASHER, Cover to Body	8	24	---	§PLUG, Cover	1
9	---	§SPRING, Cover Thrust Plate	10	25	---	§BEARING, Cover	2
10	---	§WASHER, "O" Ring Back-Up	1	26	---	§"O" RING, Seal Retainer	1
11	---	§THRUST PLATE, Upper Cover	1	27	551906	†GASKET, Pump to Converter	1
12	---	§THRUST PLATE, Upper Body	1	28	8D-06	†NUT, Pump to Converter	6
				29	4E-06	†LKWSHR, Pump to Converter	6

§Not Sold Separately  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP — STEERING**

For Serial:

**75A — 8123 Thru 10222, 10240 and 10247 Thru 10251**

**75B — 6123 Thru 6200**

**75R — 7123 Thru 7154**

Item No.	Part No.	Description	No. Req'd.
A	*450012	Hydraulic Gear Pump (Inc. 1 thru 19)	
B	*941640	Minor Repair Kit (Inc. 4, 7, 10, 16)	
C	*941652	Major Repair Kit (Inc. 1, 2, 4, 7, 8, 9, 10, 13, 14, 16)	
D	*942428	Drive & Driven Gear Set (Inc. 11 & 12)	
1	940056	Bolt, 3/8" — 16 x 1 1/4" hex head..	5
2	713134	Washer .....	5
3	*940052	Cover .....	1
4	940057	Seal Ring, Seal Relief.....	1
5	°	Omit .....	
6	°	Omit .....	
7	940051	Seal Ring, Bearing.....	2
8	940050	Spring, Bearing .....	1
9	940058	Bearing, Cover Drive & Driven....	2
10	940047	Seal Ring, Cover.....	1

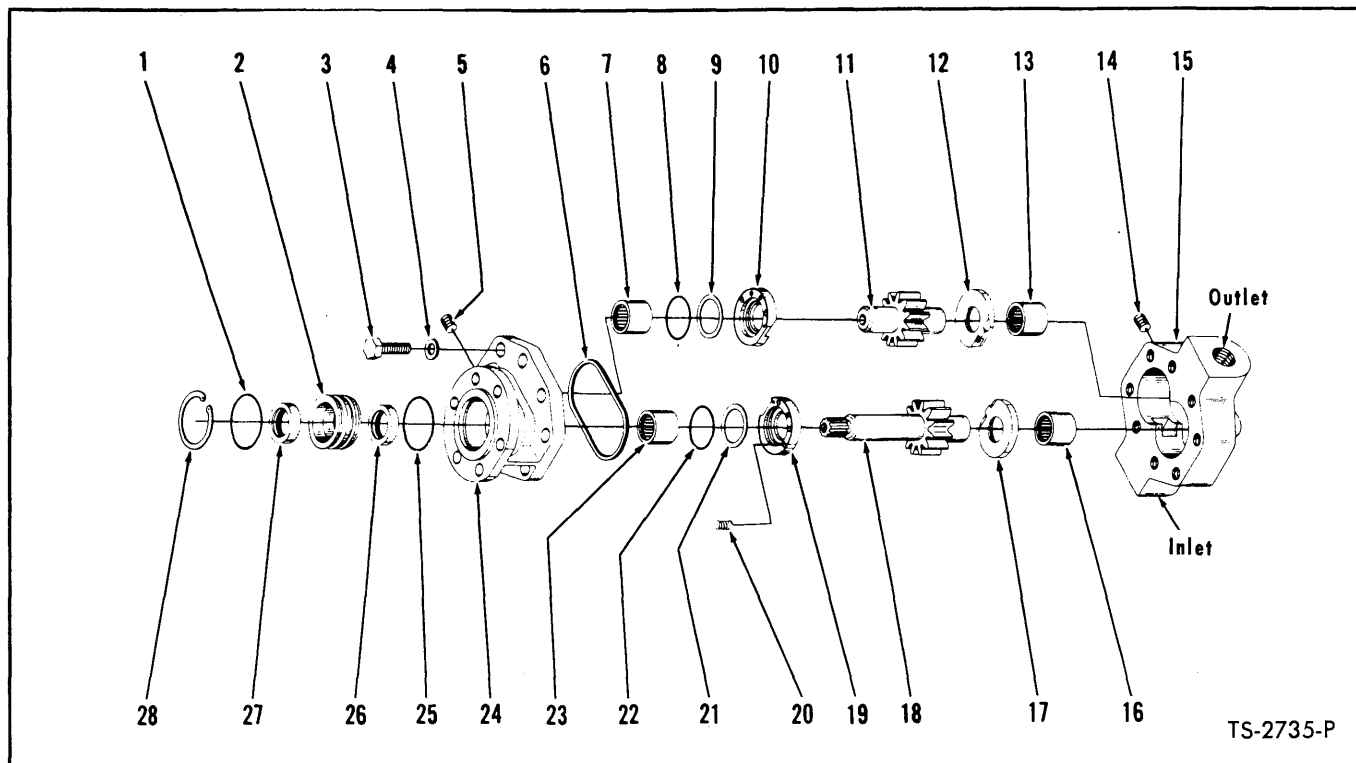
Item No.	Part No.	Description	No. Req'd.
11	940049	Gear, Drive .....	1
12	940059	Gear, Driven .....	1
13	940048	Bearing, Body Drive.....	1
14	940060	Bearing, Body Driven.....	1
15	*942364	Body .....	1
16	940045	Shaft Seal .....	1
17	941770	†Retainer, Shaft Seal.....	1
18	941771	†Screw, Retainer .....	2
19	NPN	†Lockwire, Retainer Screw.....	1
20	551479	†Gasket, Pump Mounting.....	1
21	6J-404	†Key, Gear Drive — No. 4 Woodruff	1
22	551480	†Washer, Gear .....	1
23	4D-06	†Nut, Gear .....	1
24	1F-316	†Cotter, Nut .....	1

\* — Only these items available as replacement parts.

° — Spring & Ball to be omitted from all pumps when rebuilt.

† — Not Illustrated

NPN — No Part Number



TS-2735-P

**HYDRAULIC PUMP – STEERING**

**For Serial: 75A GAS – 1CA3329, 1CA3330, 1CA3332 and thereafter  
75A DIESEL – 1CB939 and thereafter**

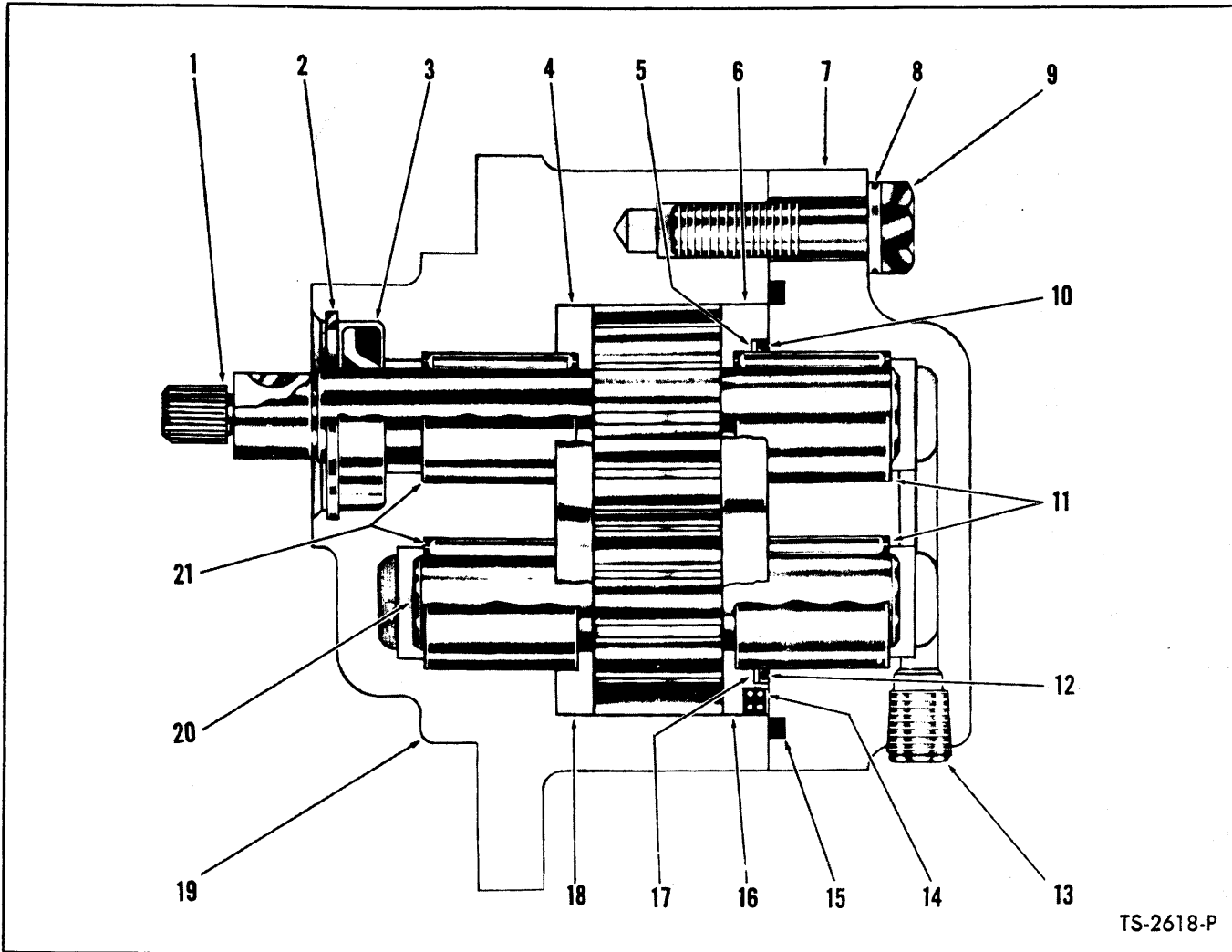
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450072	PUMP ASSY (Inc. 1 thru 28)	1	13	---	**§BEARING, Body	1
B	498128	REPAIR KIT, Major (Inc. 10, 12, 17, 19)	1	14	---	§PLUG, Body	1
C	498127	*REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 8, 9, 20, 21, 22, 25)	1	15	---	**§BODY	1
D	498024	GEAR SET, Drive & Driven (Inc. 11, 18)	1	16	---	**§BEARING, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 25 thru 28)	1	17	---	§THRUST PLATE, Body	1
1	---	§"O" RING, Retainer	1	18	---	§GEAR, Drive	1
2	---	§RETAINER, Shaft Seal	1	19	---	§THRUST PLATE, Cover	1
3	---	§BOLT, Cover to Body	8	20	---	§SPRING, Cover Thrust Plate	6
4	---	§WASHER, Cover to Body	8	21	---	§WASHER, "O" Ring Back-Up	1
5	---	§PLUG, Cover	1	22	---	§"O" RING, Cover Thrust Plate	1
6	---	§GASKET, Cover	1	23	---	**§BEARING, Cover	1
7	---	**§BEARING, Cover – Driven	1	24	---	**§COVER	1
8	---	§"O" RING, Cover Thrust Plate	1	25	---	§"O" RING, Retainer	1
9	---	§WASHER, "O" Ring Back-Up	1	26	---	§SEAL, Inner Oil	1
10	---	§THRUST PLATE, Cover	1	27	---	§SEAL, Outer Oil	1
11	---	§GEAR, Driven	1	28	---	§RING, Seal Retaining	1
12	---	§THRUST PLATE, Body	1	29	214961	†SLEEVE, Pump Drive	1
				30	551906	†GASKET, Pump to Converter	1
				31	8D-06	†NUT, Pump to Converter	6
				32	4E-06	†LKWSHR, Pump to Converter	6

†Not Illustrated  
§Not Sold Separately

\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

\*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP – STEERING – WAUKESHA**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450022	PUMP ASSY (Inc. 1 thru 21)	1	10	§"O" RING, Cover Thrust Plate	1	
B	498126	REPAIR KIT, Major (Inc. 4, 6, 16, 18)	1	11	**§BEARING, Cover	—	
C	498125	*REPAIR KIT, Minor (Inc. 5, 8, 9, 10, 12, 14, 15, 17)	1	12	§"O" RING, Cover Thrust Plate	1	
D	498119	REPAIR KIT, Shaft Seal (Inc. 2, 3)	1	13	§PLUG, Cover	1	
E	498112	GEAR SET, Drive & Driven (Inc. 1, 20)	1	14	§SPRING, Cover Thrust Plate	6	
1	—	§GEAR, Drive	1	15	§GASKET, Cover to Body	1	
2	—	§RING, Seal Retaining	1	16	§THRUST PRATE, Lower Cover	1	
3	—	§SEAL, Oil	1	17	§WASHER, "O" Ring Back-up	1	
4	—	§THRUST PLATE, Upper Body	1	18	§THRUST PLATE, Lower Body	1	
5	—	§WASHER, "O" Ring Back-up	1	19	**§BODY	—	
6	—	§THRUST PLATE, Upper Cover	1	20	§GEAR, Driven	1	
7	—	**§COVER	—	21	**§BEARING, Body	—	
8	—	§WASHER, Cover to Body	5	22	†GASKET, Pump to Converter	1	
9	—	§BOLT, Cover to Body	5	23	†NUT, Pump to Converter	6	
				24	†LKWSHR, Pump to Converter	6	
				25	†KEY, Drive Gear Shaft	1	

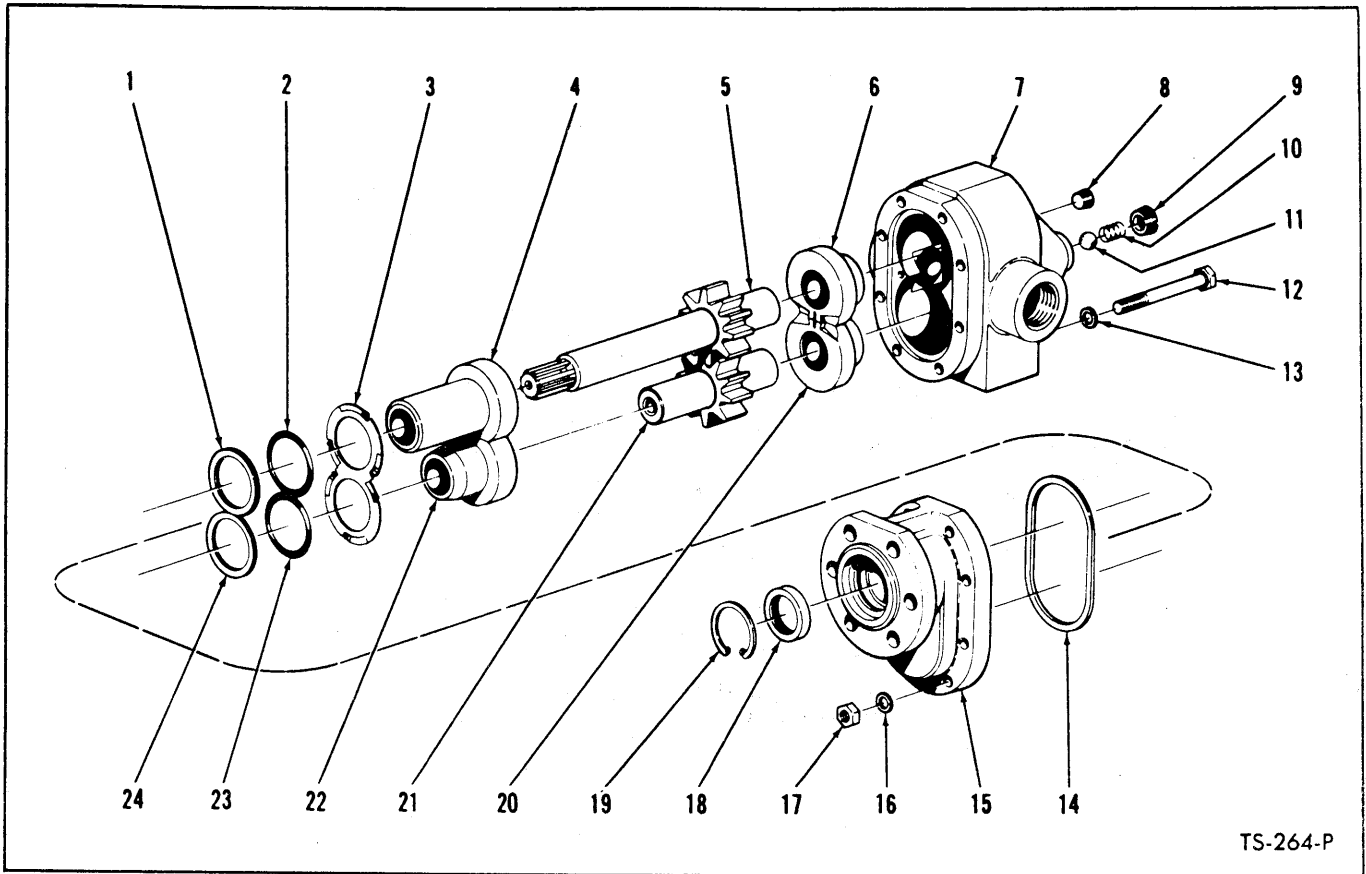
\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

\*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

†Not Illustrated

§Not Sold Separately – Order Kits.

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-264-P

**HYDRAULIC PUMP – STEERING—WUKESHA**

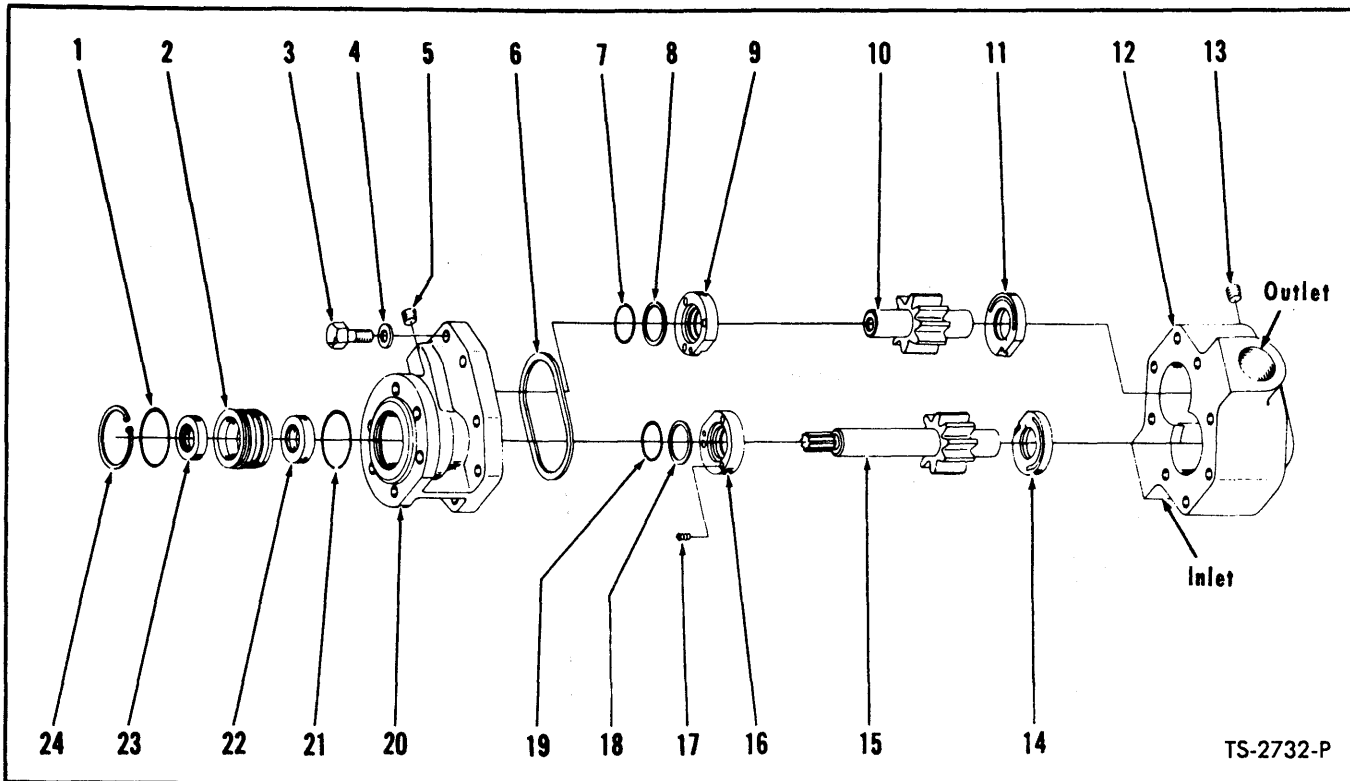
Item No.	Part No.	Description	No. Req'd	Item No.	Part No.	Description	No. Req'd
A	221450	**PUMP ASSY (Inc. 1 thru 24)	1	12	-----	§BOLT, Cover to Body	8
B	942404	REPAIR KIT, Major (Inc. 1 thru 4, 6, 10 thru 14, 16 thru 20, 22, 23, 24)	1	13	-----	§WASHER, Cover to Body	8
C	942403	REPAIR KIT, Minor (Inc. 1, 2, 14, 18, 19, 23, 24)	1	14	-----	§GASKET, Cover	1
D	942432	GEAR SET, Drive & Driven (Inc. 5, 21)	1	15	-----	§COVER	1
1	-----	§WASHER, Back-Up	1	16	-----	§WASHER, Cover to Body	8
2	-----	§"O" RING	1	17	-----	§NUT, Cover to Body	8
3	-----	§SPRING, Bearing	1	18	-----	§SEAL, Shaft Oil	1
4	-----	§BEARING, Cover — Drive	1	19	-----	§RING, Seal Retaining	1
5	-----	§GEAR, Drive	1	20	-----	§BEARING, Body — Driven	1
6	-----	§BEARING, Body — Drive	1	21	-----	§GEAR, Driven	1
7	-----	§BODY	1	22	-----	§BEARING, Cover — Driven	1
8	16F-02	PLUG, Seal Chamber	1	23	-----	§"O" RING	1
9	-----	§PLUG, Seal Relief	1	24	-----	§WASHER, Back-Up	1
10	-----	§SPRING, Seal Relief	1	25	551906	†GASKET, Pump to Converter	1
11	-----	§BALL, Seal Relief	1	26	8D-06	†NUT, Pump to Converter	6
				27	4E-06	†LKWSHR, Pump to Converter	6

\*NOTE: When complete pump assy is replaced use 450072 Pump Assy.

†Not Illustrated

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**HYDRAULIC PUMP — STEERING — WAUKESHA**

For Serial: 75A GAS — 1CA3174, 1CA3175, 1CA3182, 1CA3184, 1CA3186, 1CA3188, 1CA3190 thru 1CA3328, 1CA3331

75A DIESEL — 1CB893 thru 1CB938

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450012	*PUMP ASSY (Inc. 1 thru 24)	1	11	§THRUST PLATE, Body	1	
B	498152	REPAIR KIT, Major (Inc. 9, 11, 14, 16)	1	12	§BODY (Inc. Bushings) (See Note "A")	1	
C	498151	**REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 7, 8, 17, 18, 19, 21)	1	13	§PLUG, Body	1	
D	498024	GEAR SET, Drive & Driven (Inc. 10, 15)	1	14	§THRUST PLATE, Body	1	
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 21 thru 24)	1	15	§GEAR, Drive	1	
1	-----	§"O" RING, Retainer	1	16	§THRUST PLATE, Cover	1	
2	-----	§RETAINER, Shaft Seal	1	17	§SPRING, Cover Thrust Plate	6	
3	-----	§BOLT, Cover to Body	8	18	§WASHER, "O" Ring Back-Up	1	
4	-----	§WASHER, Cover to Body	8	19	§"O" RING, Cover Thrust Plate	1	
5	-----	§PLUG, Cover	1	20	§COVER (Inc. Bushings) (See Note "A")	1	
6	-----	§GASKET, Cover	1	21	§"O" RING, Retainer	1	
7	-----	§"O" RING, Cover Thrust Plate	1	22	§SEAL, Inner Oil	1	
8	-----	§WASHER, Back-Up	1	23	§SEAL, Outer Oil	1	
9	-----	§THRUST PLATE, Cover	1	24	§RING, Seal Retainer	1	
10	-----	§GEAR, Driven	1	25	551906 †GASKET, Pump to Converter	1	
				26	8D-06 †NUT, Pump to Converter	6	
				27	4E-06 †LKWSHR, Pump to Converter	6	

†Not Illustrated

§Not Sold Separately

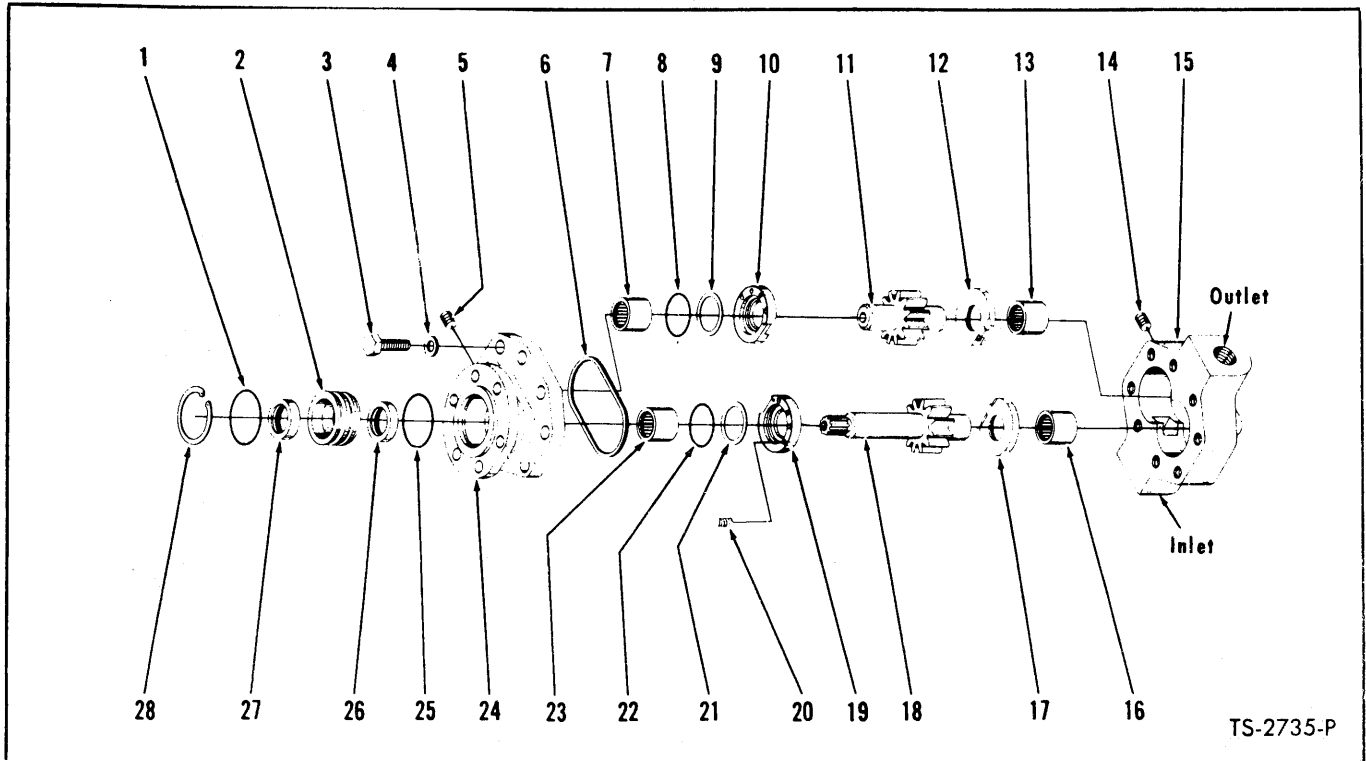
\*NOTE: When complete pump assy is replaced use 450072 pump.

\*\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs, and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

NOTE "A": Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





**HYDRAULIC PUMP – STEERING – WAUKESHA**

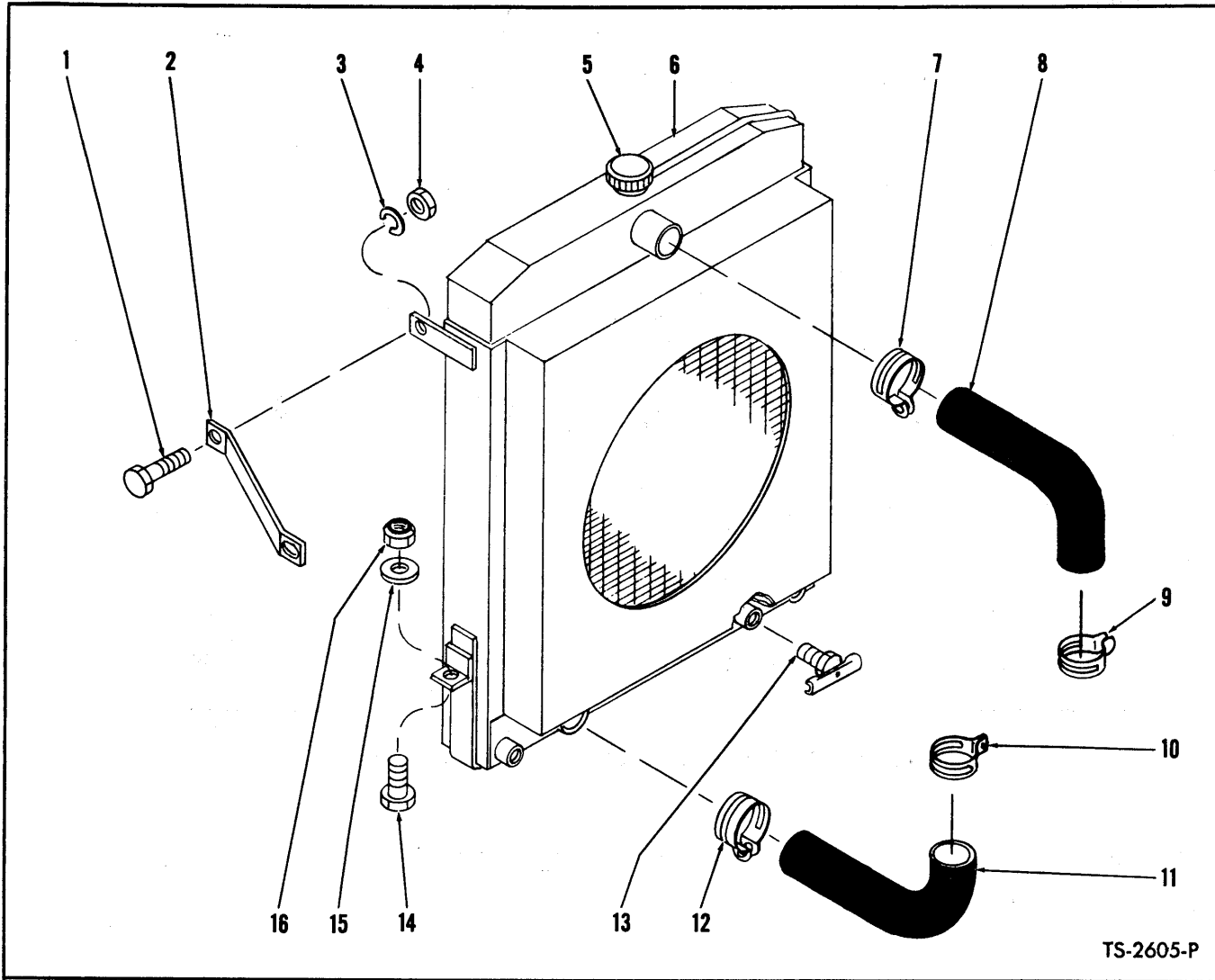
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	450072	PUMP ASSY (Inc. 1 thru 28)	1	13	-----	**§BEARING, Body	1
B	498128	REPAIR KIT, Major (Inc. 10, 12, 17, 19)	1	14	-----	§PLUG, Body	1
C	498127	*REPAIR KIT, Minor (Inc. 1, 3, 4, 6, 8, 9, 20, 21, 22, 25)	1	15	-----	**§BODY	1
D	498024	GEAR SET, Drive & Driven (Inc. 11, 18)	1	16	-----	**§BEARING, Body	1
E	498113	REPAIR KIT, Shaft Seal (Inc. 1, 2, 25 thru 28)	1	17	-----	§THRUST PLATE, Body	1
1	-----	§"O" RING, Retainer	1	18	-----	§GEAR, Drive	1
2	-----	§RETAINER, Shaft Seal	1	19	-----	§THRUST PLATE, Cover	1
3	-----	§BOLT, Cover to Body	8	20	-----	§SPRING, Cover Thrust Plate	6
4	-----	§WASHER, Cover to Body	8	21	-----	§WASHER, "O" Ring Back-Up	1
5	-----	§PLUG, Cover	1	22	-----	§"O" RING, Cover Thrust Plate	1
6	-----	§GASKET, Cover	1	23	-----	**§BEARING, Cover	1
7	-----	**§BEARING, Cover – Driven	1	24	-----	**§COVER	1
8	-----	§"O" RING, Cover Thrust Plate	1	25	-----	§"O" RING, Retainer	1
9	-----	§WASHER, "O" Ring Back-Up	1	26	-----	§SEAL, Inner Oil	1
10	-----	§THRUST PLATE, Cover	1	27	-----	§SEAL, Outer Oil	1
11	-----	§GEAR, Driven	1	28	-----	§RING, Seal Retaining	1
12	-----	§THRUST PLATE, Body	1	29	214961	†SLEEVE, Pump Drive	1
				30	551906	†GASKET, Pump to Converter	1
				31	8D-06	†NUT, Pump to Converter	6
				32	4E-06	†LKWSHR, Pump to Converter	6

†Not Illustrated  
§Not Sold Separately

\*NOTE: Minor Repair Kit consists of "O" Rings, Back-up Washers, Gaskets and approximately 20% of the hardware items such as bolts, nuts, springs and washers. The latter for the purpose of replacing any of these items lost or damaged in repair operation.

\*\*NOTE: Pump Bodies, Covers and Bearings will not be made available for field use since when these items are worn beyond limits permitting re-use, the cost of rebuilding the pump exceeds practical limits. In such cases a new pump assembly should be utilized.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2605-P

**RADIATOR AND CONNECTIONS**

S/N MB 941 thru 990

Item No.	Part No.	Description	No. Req'd.
1	2C-620	BOLT, Clip to Radiator .....	2
2		CLIP, Radiator to Grille .....	
2A	550589	For Serial Group "A" Below .....	2
2B	514658	For Serial Group "B" Below .....	2
3	4E-06	LKWSHR, Clip to Radiator .....	2
4	2D-06	NUT, Clip to Radiator .....	2
5	351495	CAP, Radiator .....	1
6	117155	RADIATOR .....	1

Item No.	Part No.	Description	No. Req'd.
7	784663	CLAMP, Hose .....	1
8	117210	HOSE, Upper Radiator.....	1
9	784663	CLAMP, Hose .....	1
10	784663	CLAMP, Hose .....	1
12	784663	CLAMP, Hose .....	1
13	73F-2	DRAIN COCK, Radiator .....	1
14	2C-828	BOLT, Radiator to Frame .....	2
15	518233	PAD, Radiator to Frame .....	2
16	21D-08	NUT, Radiator to Frame .....	2

**Serial Group "A":**

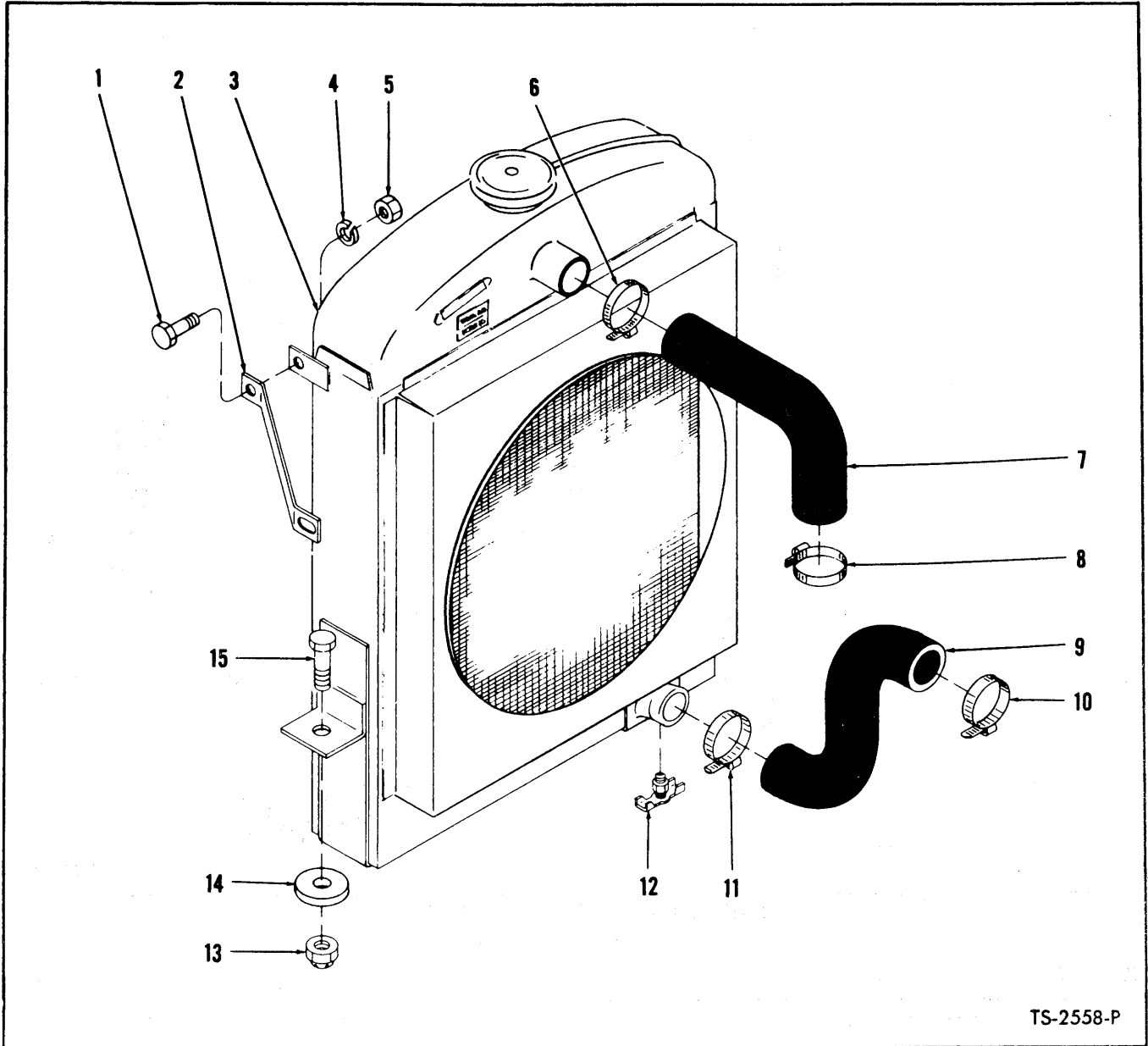
75A - 8123 thru 10222, 10240 and 10247 thru 10251  
 75B - 6123 thru 6200  
 75R - 7123 thru 7154

**Serial Group "B":**

75A GAS - 10223 thru 10239, 10241 thru 10246, 10252 thru 12183, 1CA3170 and thereafter  
 75A DIESEL - 10223D thru 12183D, 1CB893 and thereafter  
 75B - 6201 thru 6270  
 75R - 7155 thru 7183

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

11	117211	HOSE, Radiator-Lower .....	1
11A	117212	HOSE, Radiator-Lower .....	1 (2D-9)
11B	117209A	ELBOW, Between Hoses.....	1

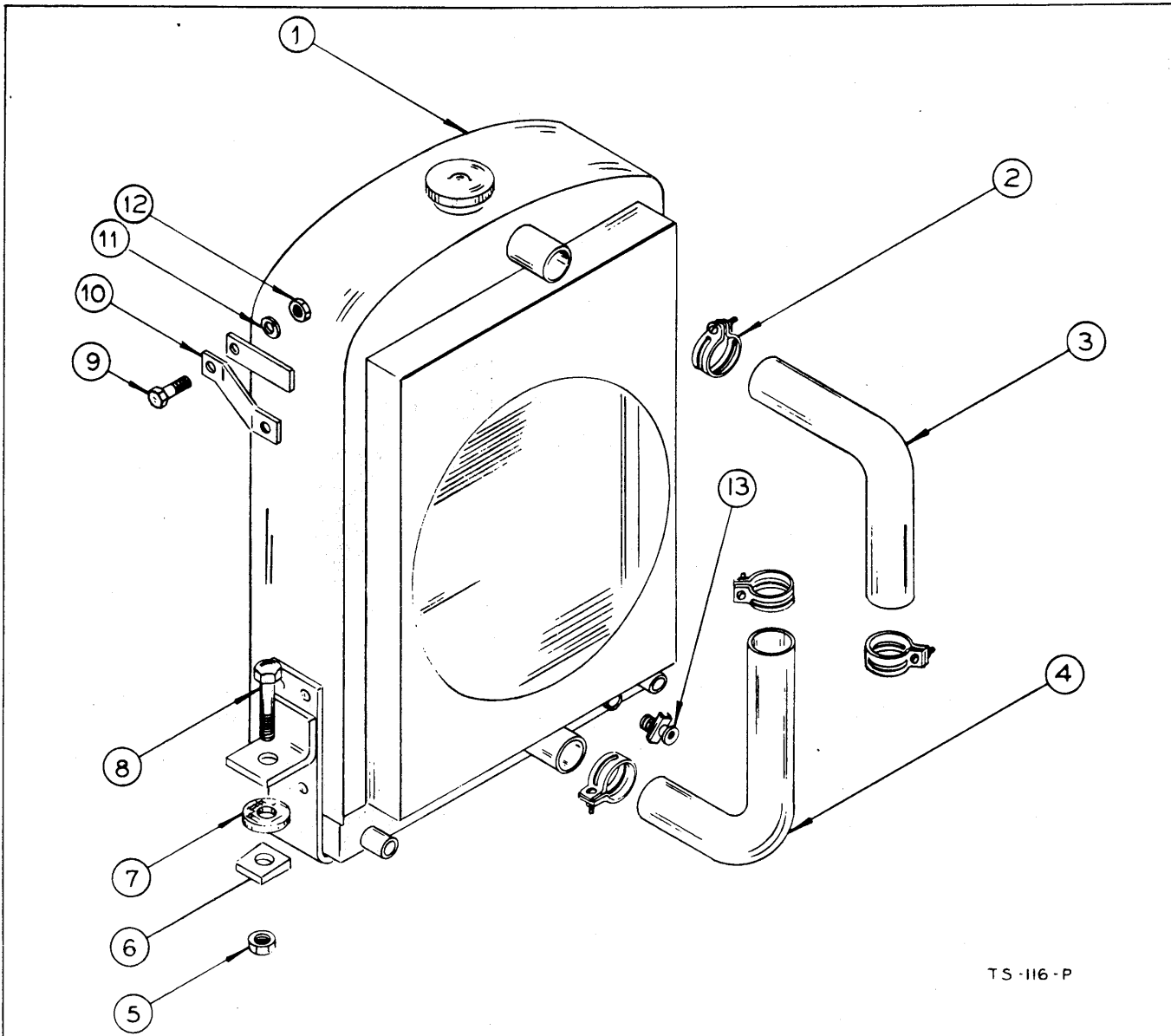


TS-2558-P

**RADIATOR AND CONNECTIONS — G.M.**

Item No.	Part No.	Description	No. Req'd.
1	2C-614	BOLT, Clip to Radiator	2
2	514658	CLIP, Radiator to Grille	2
3	900220	RADIATOR	1
4	4E-06	LKWSHR, Clip to Radiator	2
5	2D-06	NUT, Clip to Radiator	2
6	784663	CLAMP, Hose to Radiator	1
7	420564	HOSE, Radiator — Upper	1
8	784663	CLAMP, Hose to Engine	1
9	523698	HOSE, Radiator — Lower	1
10	784663	CLAMP, Hose to Engine	1
11	784663	CLAMP, Hose to Radiator	1
12	73F-2	DRAIN COCK	1
13	21D-08	NUT, Radiator to Frame	2
14	518233	PAD, Radiator to Frame	2
15	2C-828	BOLT, Radiator to Frame	2

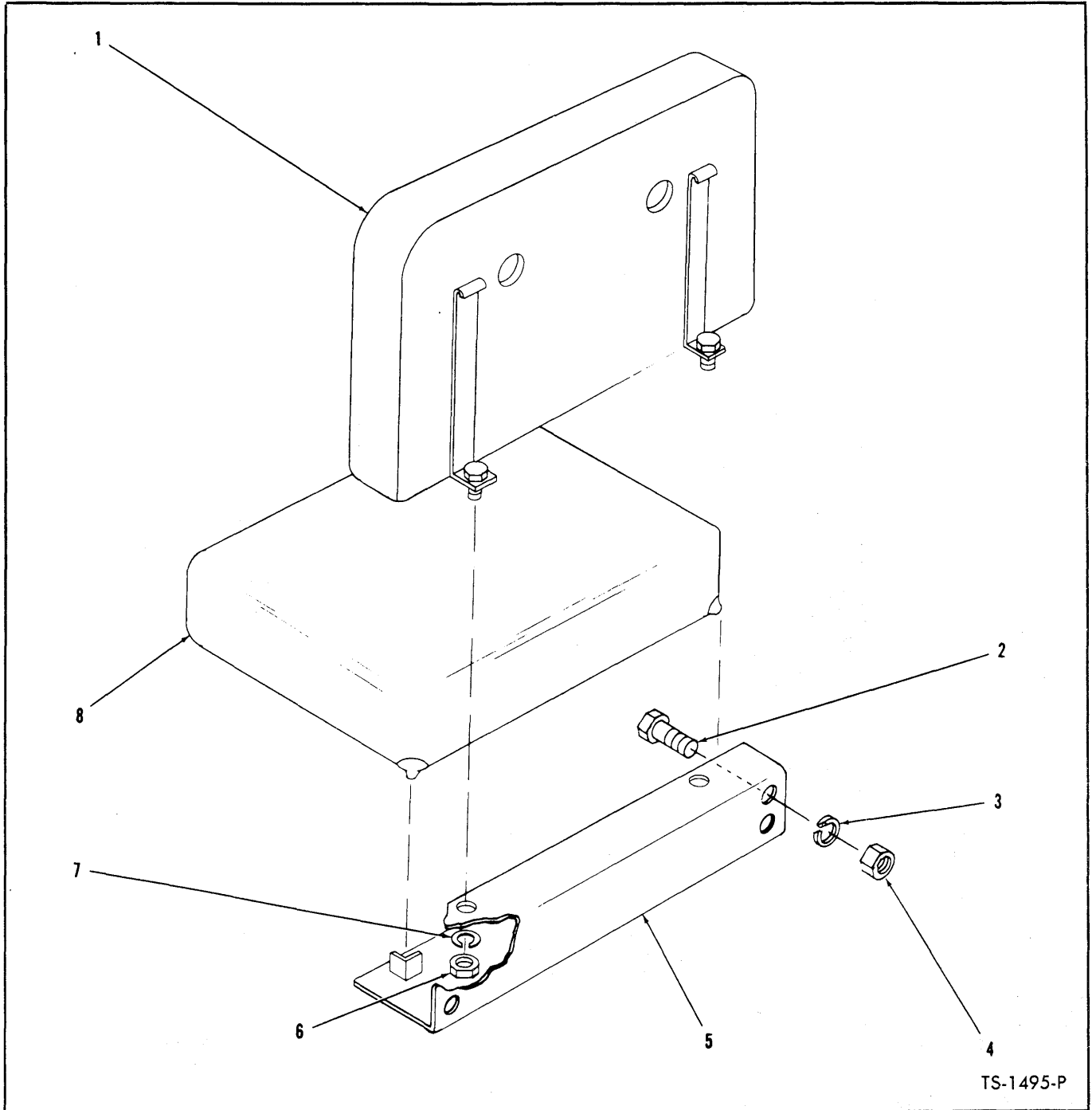
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-116-P

**RADIATOR AND PARTS**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550588	Radiator .....	1			<del>75A-8123 thru 10222, 10240 &amp; 10247 thru 10251</del>	
2	593168	Clamp, Radiator Hose .....	4			<del>75B-6123 thru 6200</del>	
3	550590	Hose, Radiator — Upper .....	1			<del>75R-7123 thru 7154</del>	
4	550591	Hose, Radiator — Lower .....	1				
5	21D-08	Nut, Radiator to Frame .....	2	514658		Effective with Serial:	
6		Omit				75A-10223 thru 10239, 10241 thru 10246, 10252 & thereafter	
7	518233	Pad, Radiator to Frame .....	2			75B-6201 & thereafter	
8	2C-828	Bolt, Radiator to Frame .....	2			75R-7155 & thereafter	
9	2C-620	Bolt, Clip to Radiator .....	2				
10		Clip, Radiator to Grille .....	2	11	4E-06	Lkwshr, Clip to Radiator .....	2
				12	2D-06	Nut, Clip to Radiator .....	2
				13	73F-2	Drain Cock, Radiator .....	1

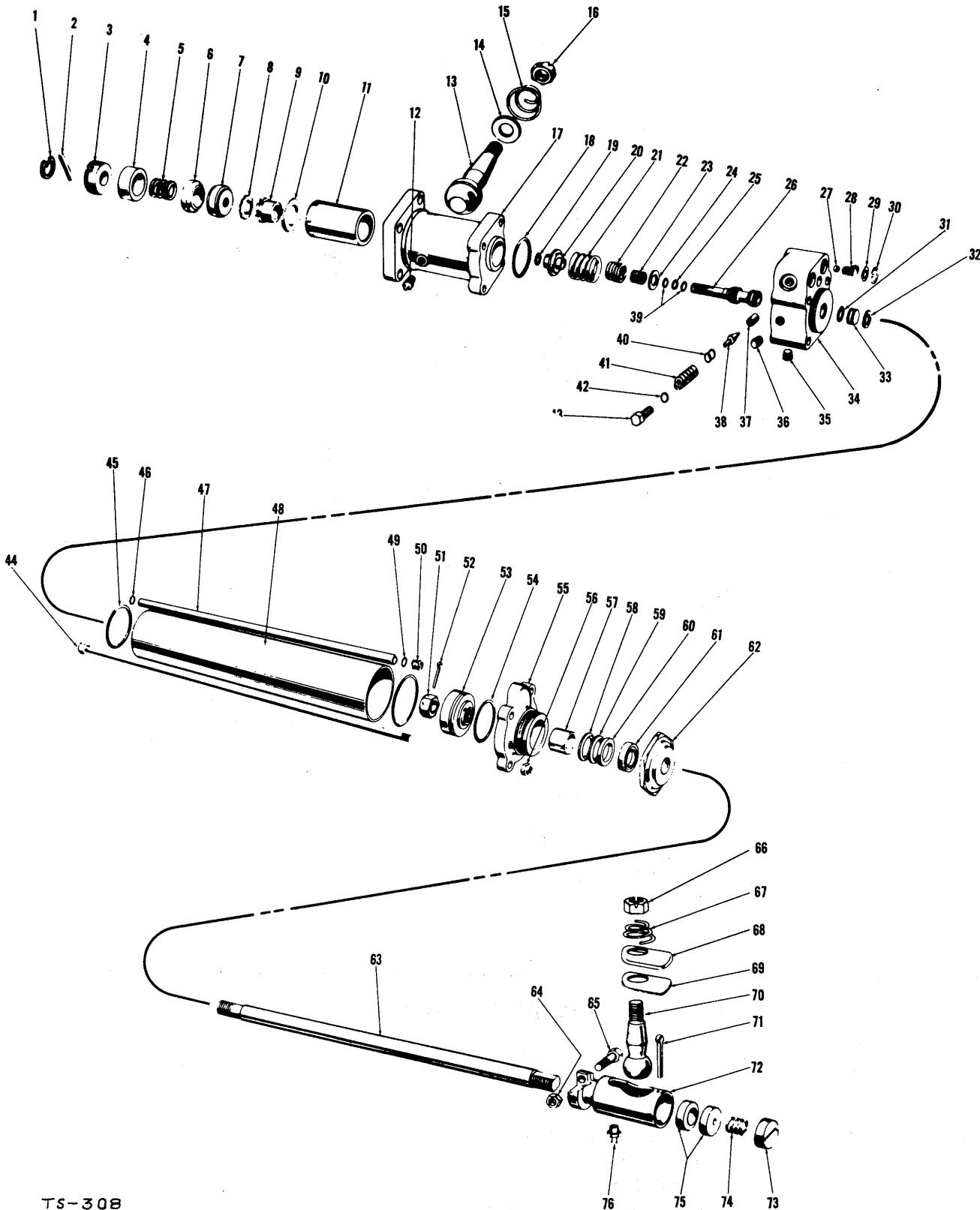


TS-1495-P

**SEAT AND SUPPORT**

Item No.	Part No.	Description	No. Req'd.
1	550635	CUSHION, Backrest	1
2	2C-616	BOLT, Support to Frame	4
3	4E-06	LKWSHR, Support to Frame	4
4	2D-06	NUT, Support to Frame	4
5	550636	SUPPORT, Seat	1
6	2D-06	NUT, Backrest Cushion to Support	2
7	4E-06	LKWSHR, Backrest Cushion to Support	2
8	550634	CUSHION, Seat	1

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-308

**STEERING BOOSTER ASSEMBLY**



STEERING BOOSTER ASSEMBLY

S/N MB 51 thru 940

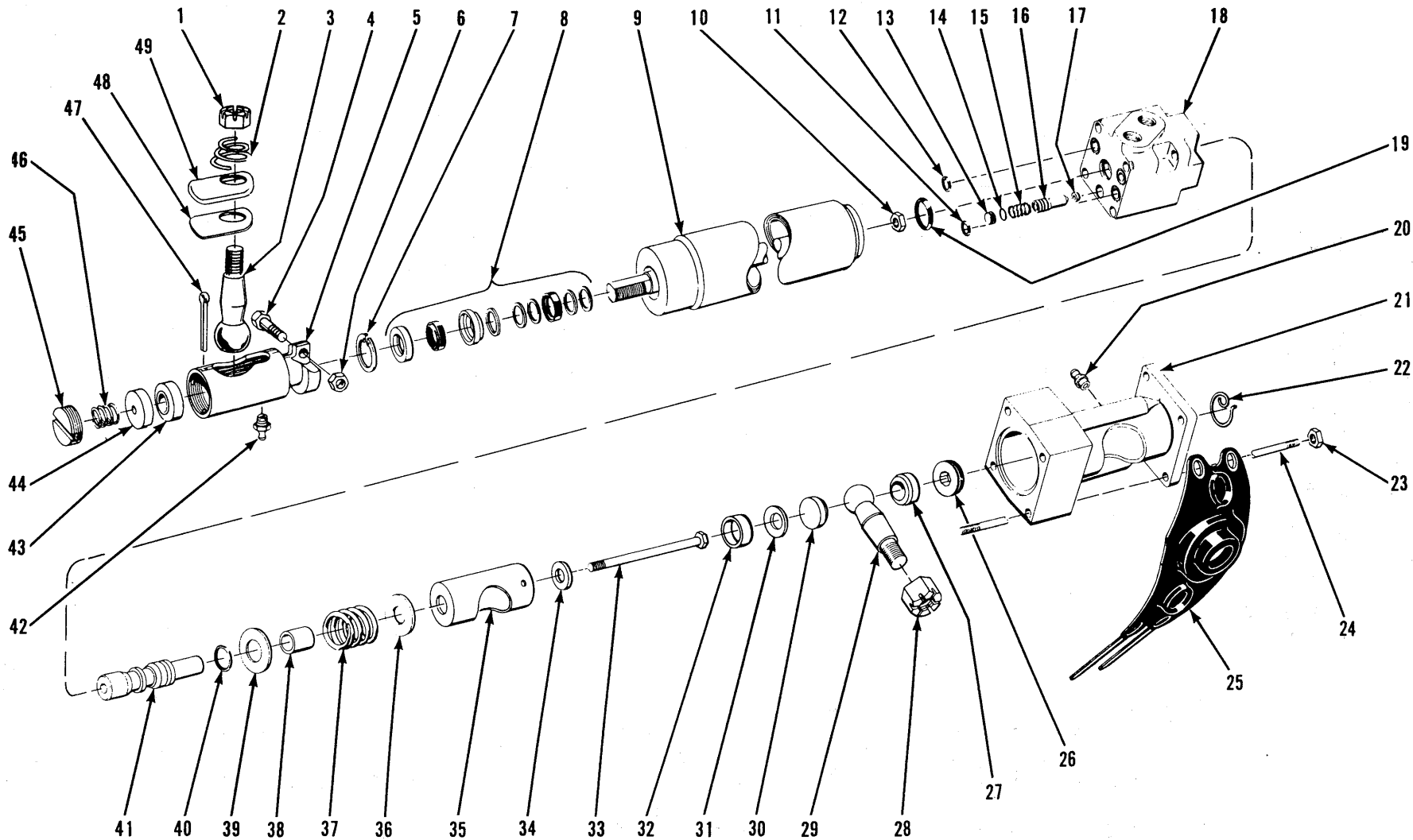
Effective with Serial:

75A — 10083, 10084, 10090 and Thereafter

75B — 6196 and Thereafter

75R — 7151 and Thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
	513228	Steering Booster Assembly .....	1	40	940668	Shim .....	AR
1	867580	Snap Ring .....	1	41	940669	Spring .....	1
2	869021	Key .....	1	42	91F-5	"O" Ring .....	1
3	869020	Plug .....	1	43	861811	Plug .....	1
4	869019	Spacer .....	1	44	869006	J-stay Bolt Sub-assy.....	4
5	869018	Spring .....	1	45	25K-40216	"O" Ring .....	2
6	869017	Ball Stud Seat .....	1	46	25K-30016	"O" Ring .....	1
7	941818	Ball Stud Seat .....	1	47	869007	Tube, Oil Passage.....	1
8	941816	Lkwsr .....	1	48	869005	Cylinder .....	1
9	941815	Nut, Spool Adjusting.....	1	49	25K-30016	"O" Ring .....	1
10	941817	Retainer .....	1	50	869008	Spring .....	1
11	896011	Sleeve .....	1	51	1D-14	Nut .....	1
12	10H-2	Grease Fitting .....	1	52	1F-424	Cotter Pin .....	1
13	868982	Ball Stud .....	1	53	868996	Piston .....	1
14	858291	Dust Cover .....	1	54	858251	Piston Ring .....	1
15	868981	Spring .....	1	55	868997	Cap .....	1
16	868980	Nut .....	1	56	869000	Nut .....	4
17	869010	Retainer .....	1	57	664769	Oilite Bushing .....	1
18	25K-40204	"O" Ring .....	1	58	858245	Male Chevron Adaptor.....	1
19	25K-30020	"O" Ring .....	1	59	858244	Chevron Packing .....	5
20	868984	Spring Retainer .....	1	60	858243	Female Chevron Adaptor.....	1
21	940663	Spring .....	1	61	870732	Wiper Seal .....	1
22		Omit		62	870740	Packing Nut .....	1
23	940664	Spring .....	1	63	870739	Piston Rod .....	1
24	868986	Washer .....	1	64	18D-06	Nut .....	1
25	25K-20010	"O" Ring .....	1	65	870730	Bolt .....	1
26	942779	Valve Spool .....	1	66	868980	Nut .....	1
27	10J-12	Ball .....	1	67	868981	Spring .....	1
28	868992	Spring .....	1	68	869001	Shield .....	1
29	868991	Washer .....	1	69	858235	Dust Cover .....	1
30	664138	Snap Ring .....	1	70	858236	Ball Stud .....	1
31	25K-40028	"O" Ring .....	1	71	1F-848	Cotter Pin .....	1
32	868993	Snap Ring .....	1	72	870736	Housing, Ball Joint.....	1
33	868994	Plug .....	1	73	858302	Plug .....	1
34	870744	Valve Body (Inc. 37).....	1	74	858225	Spring .....	1
35	16F-04	Plug — ¼" Pipe .....	3	75	858226	Ball Stud Seat.....	2
36	16F-02	Plug — ⅛" Pipe .....	1	76	10H-2	Grease Fitting .....	1
37	940666	Seat .....	1	77	942672	"O" Ring Repair Kit (Inc. 18, 19, 25, 31, 39, 42, 45, 46, 49) .....	AR
38	940667	Poppet .....	1	78	942668	Chevron Packing Repair Kit (Inc. 58, 59, 60, 61) .....	AR
39	942806	Back Up Washer.....	2				



STEERING BOOSTER ASSEMBLY

TS-3085

PM 5010

2B

(2E-1)

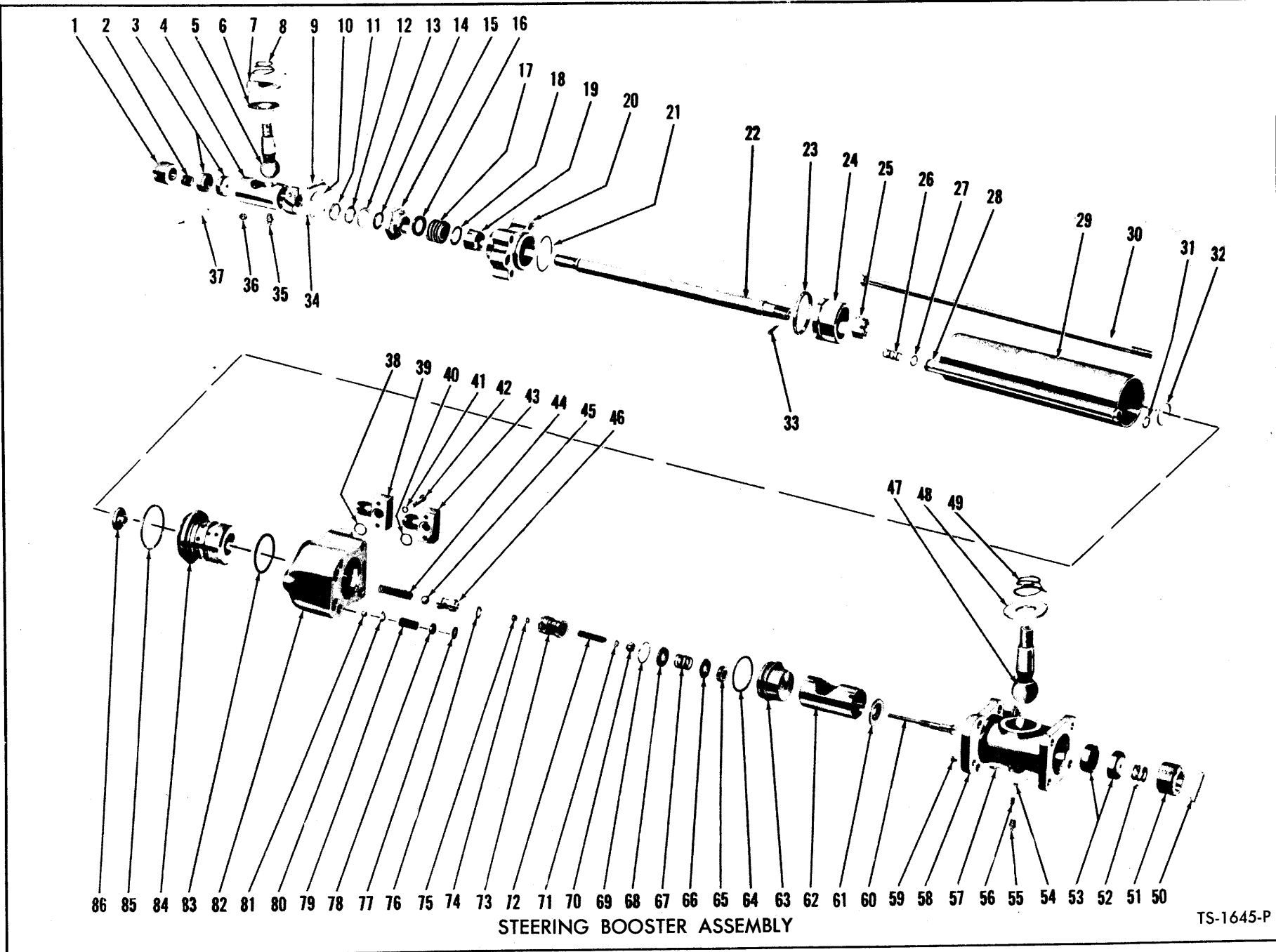


**STEERING BOOSTER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.
A	541541	STEERING BOOSTER ASSY (Inc. 1 thru 49)	1
1	868980	NUT	1
2	868981	SPRING	1
3	858236	BALL STUD	1
4	870730	SCREW	1
5	870736	HOUSING, Ball Joint	1
6	18D-06	NUT	1
7	672907	RING, Snap	1
8	886519	SEAL KIT, Cylinder	1
9	944754	CYLINDER ASSY (Inc. 8)	1
10	885865	NUT	1
11	-----	§"O" RING (See 50)	1
12	-----	§"O" RING (See 50)	1
13	944749	PLUG	1
14	-----	§"O" RING (See 50)	1
15	944748	SPRING	1
16	944752	PLUNGER ASSY, Relief Valve	1
17	944750	SEAT, Relief Valve	1
18	944751	BODY	1
19	-----	§"O" RING (See 50)	1
20	882535	FITTING, Grease	1
21	882534	HOUSING, Flanged	1
22	882536	RING, Snap	1
23	885865	NUT	4
24	882537	STUD	4
25	882538	COVER, Dust	1
26	882533	PLUG, Ball Stud	1
27	882532	SEAT, Ball Stud	1
28	4D-14	NUT	1
29	883980	BALL STUD	1
30	882532	SEAT, Ball Stud	1
31	882541	WASHER, Spring	1
32	882531	SPACER	1
33	885864	BOLT	1
34	882526	WASHER	1
35	882525	SLEEVE	1
36	882527	WASHER	1
37	944747	SPRING, Centering 50#	1
38	882523	SPACER	1
39	882527	WASHER	1
40	-----	§"O" RING (See 50)	1
41	882522	SPOOL, Valve	1
42	10H-25	FITTING, Grease	1
43	858226	SEAT, Ball Stud	1
44	858226	SEAT, Ball Stud	1
45	858302	PLUG	1
46	872844	SPRING	1
47	1F-848	COTTER	1
48	858235	COVER, Dust	1
49	858234	SHIELD, Dust	1
50	886520	SEAL KIT (Inc. 11, 12, 14, 19 & 40)	1

§Not Sold Separately

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



STEERING BOOSTER ASSEMBLY

TS-1645-P

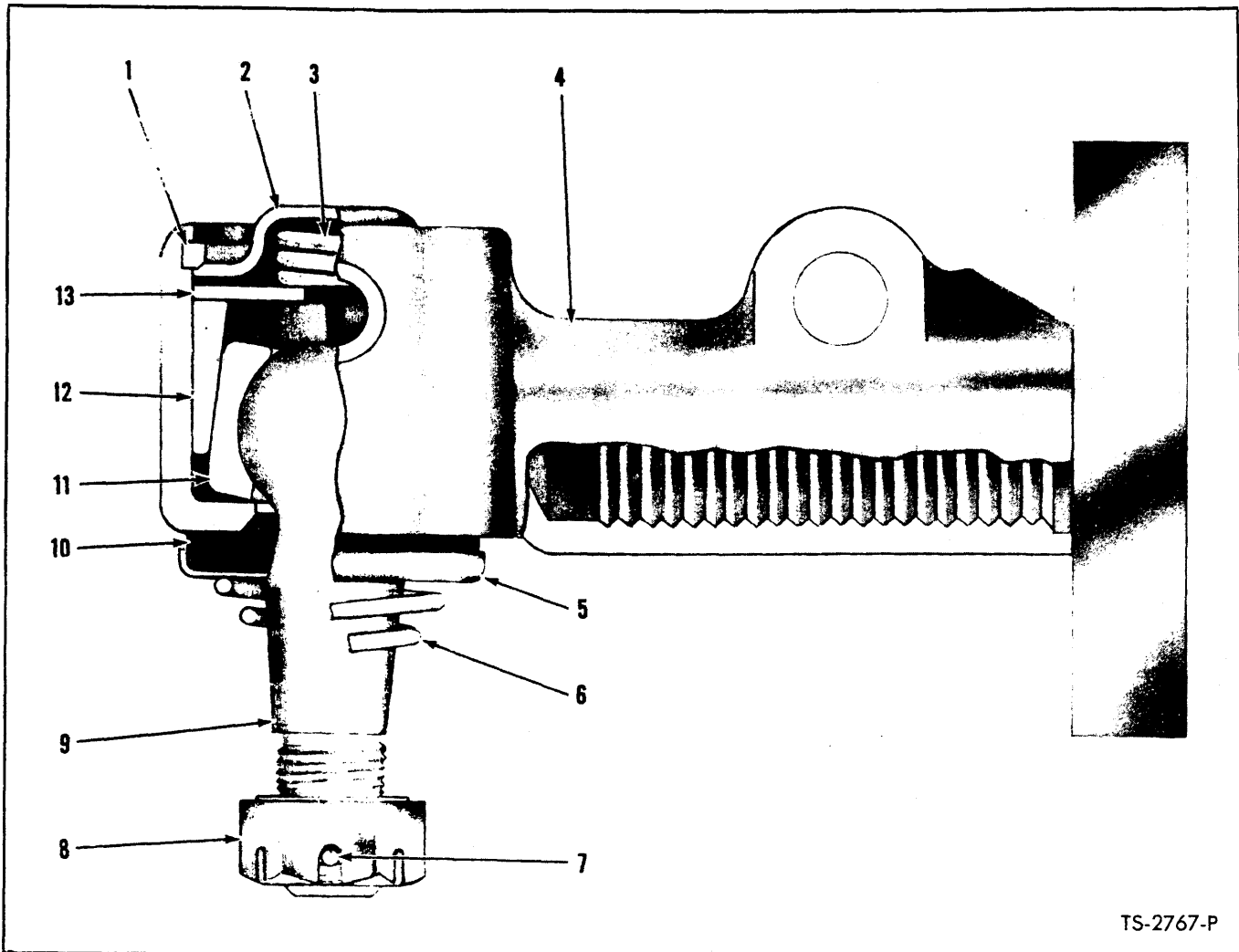
**STEERING BOOSTER ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	550596	* STEERING BOOSTER ASSY	1	46	858270	SEAT, Ball Check	1
1	858302	PLUG, Housing	1	47	858236	BALL STUD	1
2	872844	SPRING, Housing Seat Pressure	1	48	858291	COVER	1
3	858226	SEAT, Housing	1	49	940148	SPRING	1
4	858227	HOUSING	1	50	858295	KEY, Plug	1
5	858236	BALL STUD	1	51	858294	PLUG	1
6	858235	COVER	1	52	872844	SPRING, Housing Seat	1
7	858234	SHIELD	1	53	858226	SEAT, Housing	1
8	868981	SPRING, Shield	1	54	858298	PAD	1
9	858237	SCREW, Set	1	55	10H-2	FITTING, Grease	1
10	858232	PLATE, Retainer	1	56	858299	SPRING	1
11	858238	SPRING	1	57	17G-416	SETSCREW	1
12	858239	WIPER, Leather	1	58	858293	BODY	1
13	858240	SPACER	1	59	858296	NUT, Setscrew	1
14	858241	WIPER, Felt	1	60	858290	STEM	1
15	858242	RETAINER	1	61	858289	PLATE, End	1
16	858243	ADAPTER, Upper	1	62	858288	SLEEVE	1
17	858244	PACKING	6	63	858287	RETAINER	1
18	858245	ADAPTER, Lower	1	64	25K-40204	"O" RING, Packing	2
19	858246	BUSHING, Cap	1	65	858286	SEAL, Oil	1
20	858247	CAP	1	66	858284	GUIDE	1
21	25K-40216	"O" RING	2	67	858285	SPRING	1
22	858249	ROD	1	68	858284	GUIDE	1
23	858251	RING, Retaining	1	69	713133	RING, Snap	1
24	868996	PISTON	1	70	858282	NUT	1
25	4D-14	NUT	1	71	858281	WASHER	1
26	858254	SPRING	1	72	858280	SPRING	1
27	25K-30018	"O" RING	2	73	858279	SPOOL	1
28	858256	TUBE, Cylinder	1	74	858278	WASHER	1
29	858257	CYLINDER, Booster Assy	1	75	858277	NUT	1
30	940146	BOLT	1	76	25K-30016	"O" RING	2
31	25K-30018	"O" RING	2	77	25K-30016	"O" RING	2
32	858259	RING, Snap	1	78	858268	GUIDE	1
33	1F-424	COTTER	1	79	858267	SPRING	1
34	858264	SCREW	4	80	858266	GUIDE	1
35	10H-2	FITTING, Grease	1	81	10J-12	BALL	1
36	18D-06	NUT	1	82	858263	HEAD	1
37	1F-848	COTTER	1	83	25K-40204	"O" RING	2
38	25K-30020	"O" RING	1	84	867585	SLEEVE	1
39	862257	FLANGE	1	85	25K-40216	"O" RING	1
40	25K-30020	"O" RING	1	86	858260	CAP	1
41	858274	WASHER	4	87	940149	†WASHER	1
42	858273	SCREW	4	88	940128	††ATTACHING KIT (Inc. 6, 7, 8, 38, 40, 41, 42, 48, 49, 87)	—
43	862257	FLANGE	1	89	940079	††REPAIR KIT (Inc. 15, 16, 17, 31, 38, 40, 65, 76, 77, 85)	—
44	858272	SPRING, Check Ball	1	90	868980	†NUT, Ball Stud	2
45	858271	BALL, Check	1				

\*NOTE: For complete replacement of 550596 Booster use 541541 Booster plus 1-517089 Fitting, 1-31F-4 Fitting, 1-661564 Adapter Union & 1-91F-6 O-Ring.

†Not Illustrated  
‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-2767-P

**STEERING BOOSTER ADAPTER — MODELS 75B AND 75R**

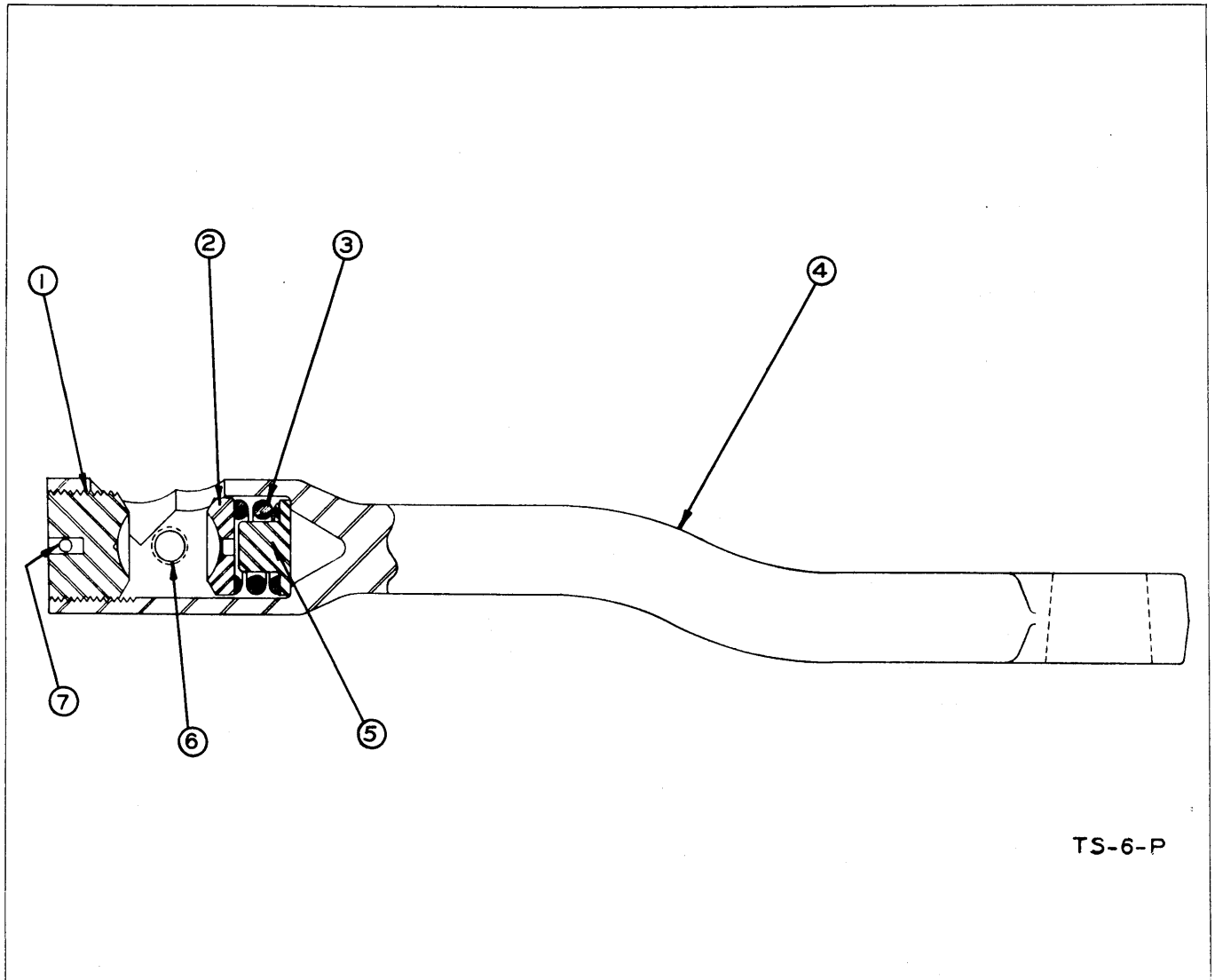
Item No.	MODEL 75B	MODEL 75R	DESCRIPTION	No. Req'd.
A	550782	550789	ADAPTER ASSY (Inc. 1 thru 13)	1
1	106094	940152	RING, Cap Retaining	1
2	106093	940154	CAP, Spring	1
3	106091	940153	SPRING	1
4	-----	-----	§HOUSING, Adapter (See A)	1
5	106138	102435	COVER, Felt	1
6	106268	102438	SPRING, Felt	1
7	1F-424	1F-424	COTTER, Ball Stud Nut	1
8	112174	100857	NUT, Ball Stud	1
9	*112654	940155	BALL STUD (Inc. 8)	1
10	106137	102436	FELT, Ball Stud Dust	1
11	106114	940156	SOCKET, Ball Stud	2
12	106079	940157	RETAINER, Ball Stud Socket	2
13	106088	940158	WASHER, Retainer Retaining	1
14	10H-25	10H-25	†FITTING, Ball Stud Grease	1

\*NOTE: When 112654 Ball Stud and Nylon Assembly is installed on Model 75B remove and discard 106114 Socket and 106079 Retainer items 11 and 12.

†Not Illustrated

§Not Sold Separately

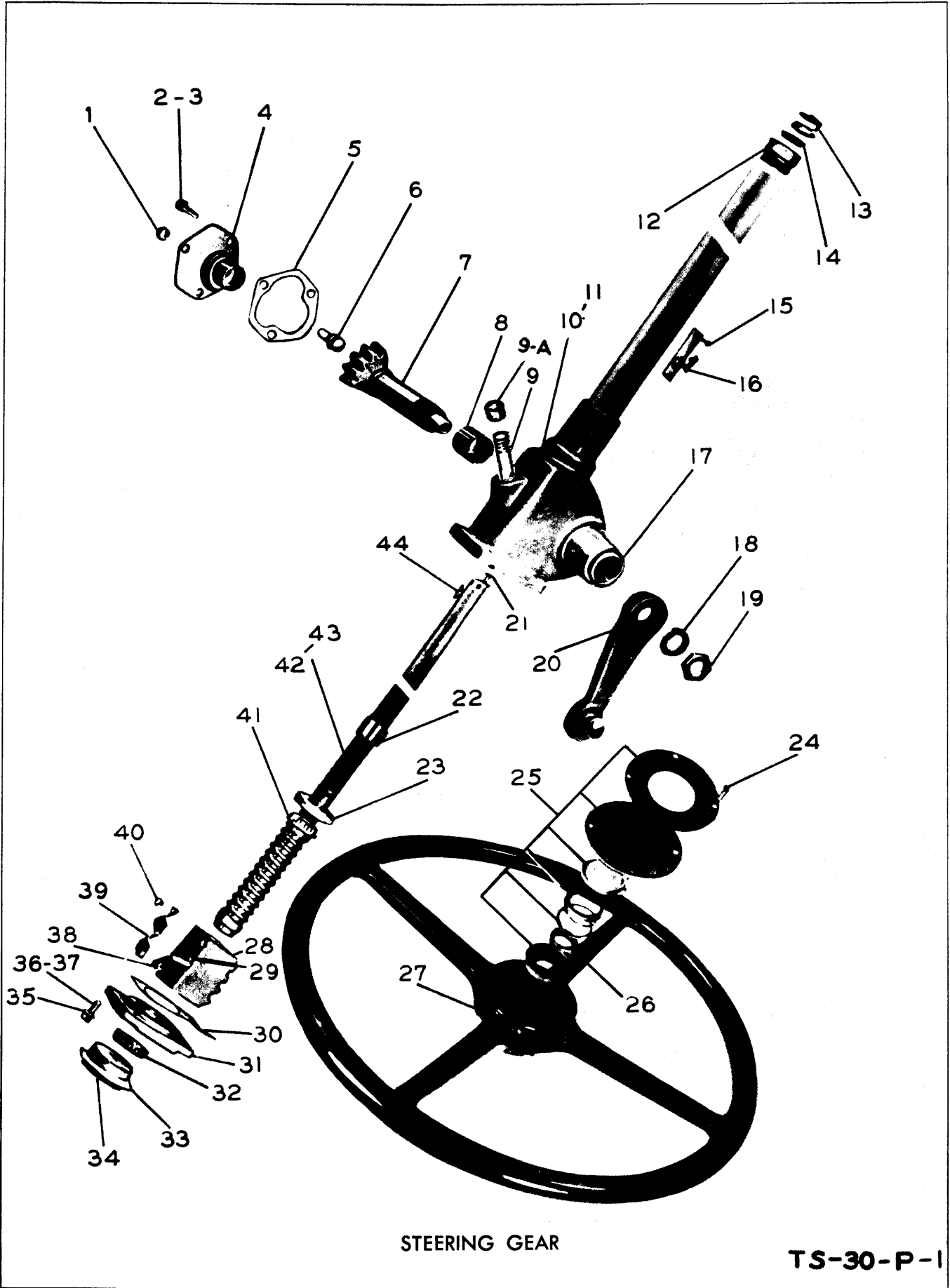
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-6-P

**DRAG LINK ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.
A	550595	Drag Link Assembly (Inc. 1 thru 5) . . . . .	1
		MODEL 75A	
1	940011	Plug, Ball Seat Adjustment . . . . .	1
2	940015	Ball Seat . . . . .	1
3	940016	Spring . . . . .	1
4		Drag Link Forging . . . . .	1
	940017	MODEL 75A	
	940131	MODEL 75B	
	940132	MODEL 75R	
5	940018	Plug, Safety . . . . .	1
6	10H-2	Fitting, Drag Link Grease . . . . .	1
7	1F-432	Cotter . . . . .	1



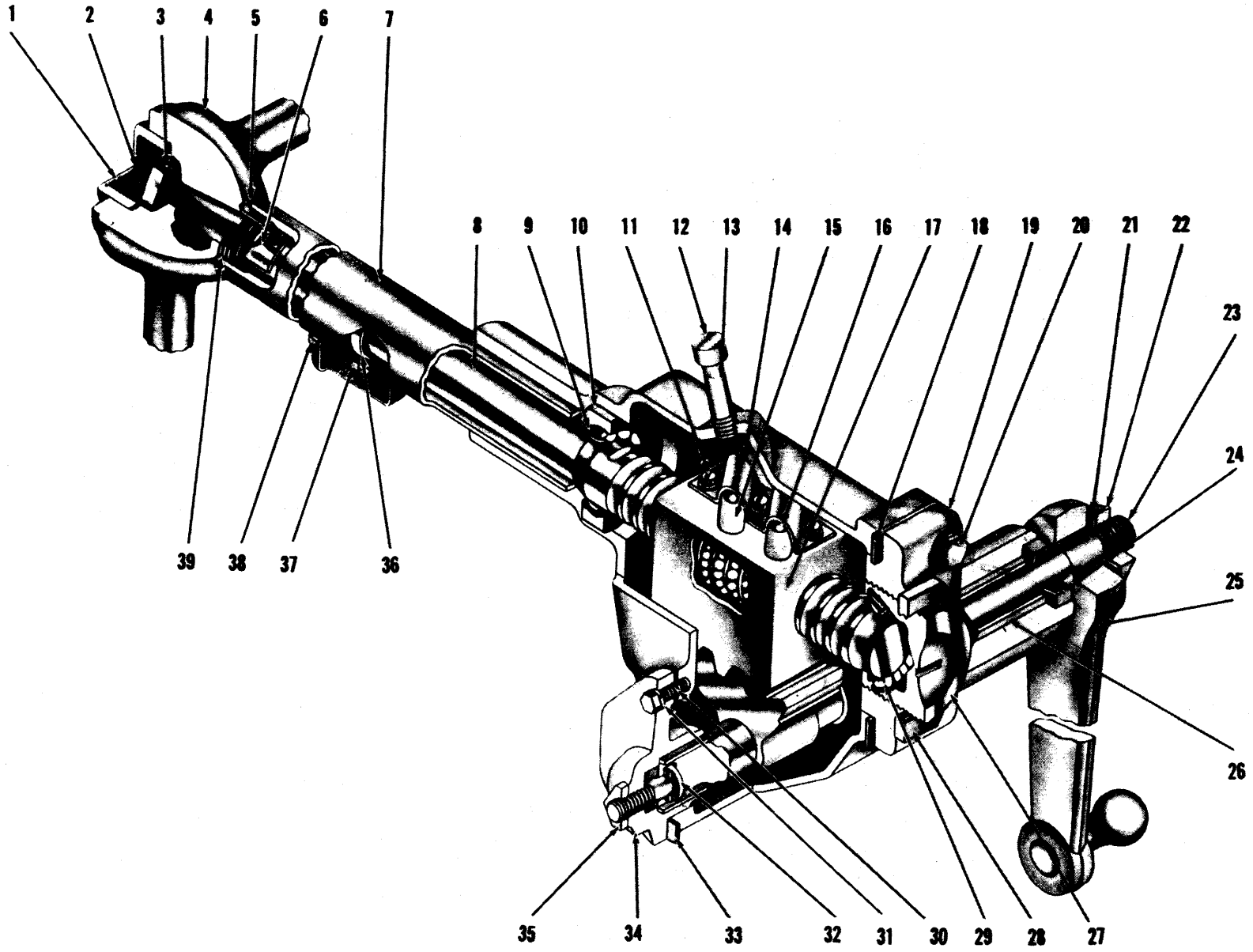
STEERING GEAR

TS-30-P-1

**STEERING GEAR ASSEMBLY**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	940109	Steering Gear Assembly (Less 15, 16, 20, 25, 27 & 45 thru 49)...	1	24	695930	Screw, Horn Button.....	1
1	8D-07	Nut, Lash Adjuster .....	1	25	639796	Horn Button Assembly.....	1
2	1C-612	Bolt, Side Cover .....	3	26	648304	Nut, Steering Wheel.....	1
3	2E-06	Lkwshr, Side Cover .....	3	27	518331	Steering Wheel .....	1
4	853182	Cover Assembly, Housing Side — Inc. Bushings .....	1	28	853408	Ball Nut .....	1
5	851756	Gasket, Side Cover .....	1	29	10J-09	Ball .....	106
6	851770	Lash Adjuster .....	1	30	853380	Gasket, End Cover.....	1
7	940111	Gear, Pitman Shaft .....	1	31	853376	Cover, Housing End.....	1
8	853357	Bushing, Pitman Shaft .....	2	32	853373	Bearing, Worm Thrust.....	1
9	5K-432	Extension, Filler .....	1	33	853385	Nut, Worm Bearing Adjuster Lock..	1
9A	22F-4	Cap, Filler .....	1	34	853372	Adjuster, Worm Bearing.....	1
10	940112	Housing Assembly (Inc. 8, 11 & 23)	1	35	3E-07	Lkwshr, End Cover.....	4
11	940113	Jacket, Column .....	1	36	1C-718	Bolt, End Cover — Short.....	3
12	857729	Bearing Assembly — Upper .....	1	37	1C-726	Bolt, End Cover — Long.....	1
13	853395	Spring, Upper Bearing .....	1	37A	940119	†Spacer, End Cover.....	1
14	853394	Seat, Upper Bearing Spring.....	1	37B	940120	†Nut, Block Lock.....	1
14A	853187	Lash Adjuster Shim Kit.....	1	38	853412	Guide, Ball Return.....	4
15	622027	Screw, Horn Connector .....	2	39	853464	Clamp, Ball Return Guide.....	1
16	622026	Connector Assembly, Horn Cable..	1	40	851762	Bolt and Washer Assembly.....	3
16A	622028	†Cover, Horn Cable Connector.....	1	41	853373	Bearing, Worm Thrust.....	1
16B	622029	†Screw .....	2	42	940122	Shaft Assembly — Ball Nut, Contact and Steering (Inc. 21, 22, 28, 29, 38 thru 41 & 43).....	1
16C	17E-10	†Lkwshr .....	2	43	940123	Shaft Ass'y., Worm & Steering (Inc. 21, 22 & 41).....	1
16D	518346	†Gasket, Connector Assy.....	1	44	853384	Key, Steering Wheel.....	1
17	853391	Seal, Pitman Shaft Grease.....	1	45	550594	†U-Bolt, Steering Gear.....	1
18	3E-18	Lkwshr, Pitman Arm .....	1	46	550044	†Clamp, Steering Gear.....	1
19	850756	Nut, Pitman Arm .....	1	47	2C-836	†Bolt .....	2
20	940114	Pitman Arm Assembly — 75A.....	1	48	2D-08	†Nut .....	4
20A	940125	Pitman Arm Assembly — 75B.....	1	49	4E-08	†Lkwshr .....	4
20B	940127	Pitman Arm Assembly — 75R.....	1				
21	853368	Terminal Assembly, Horn.....	1				
22	940115	Contact Assembly, Horn Cable and	1				
23	853379	Cup, Worm Thrust Bearing.....	1				

† — Not Illustrated



STEERING GEAR ASSEMBLY

TS-1282-P

PM 5010

82A

(2E-9)

PM 1574

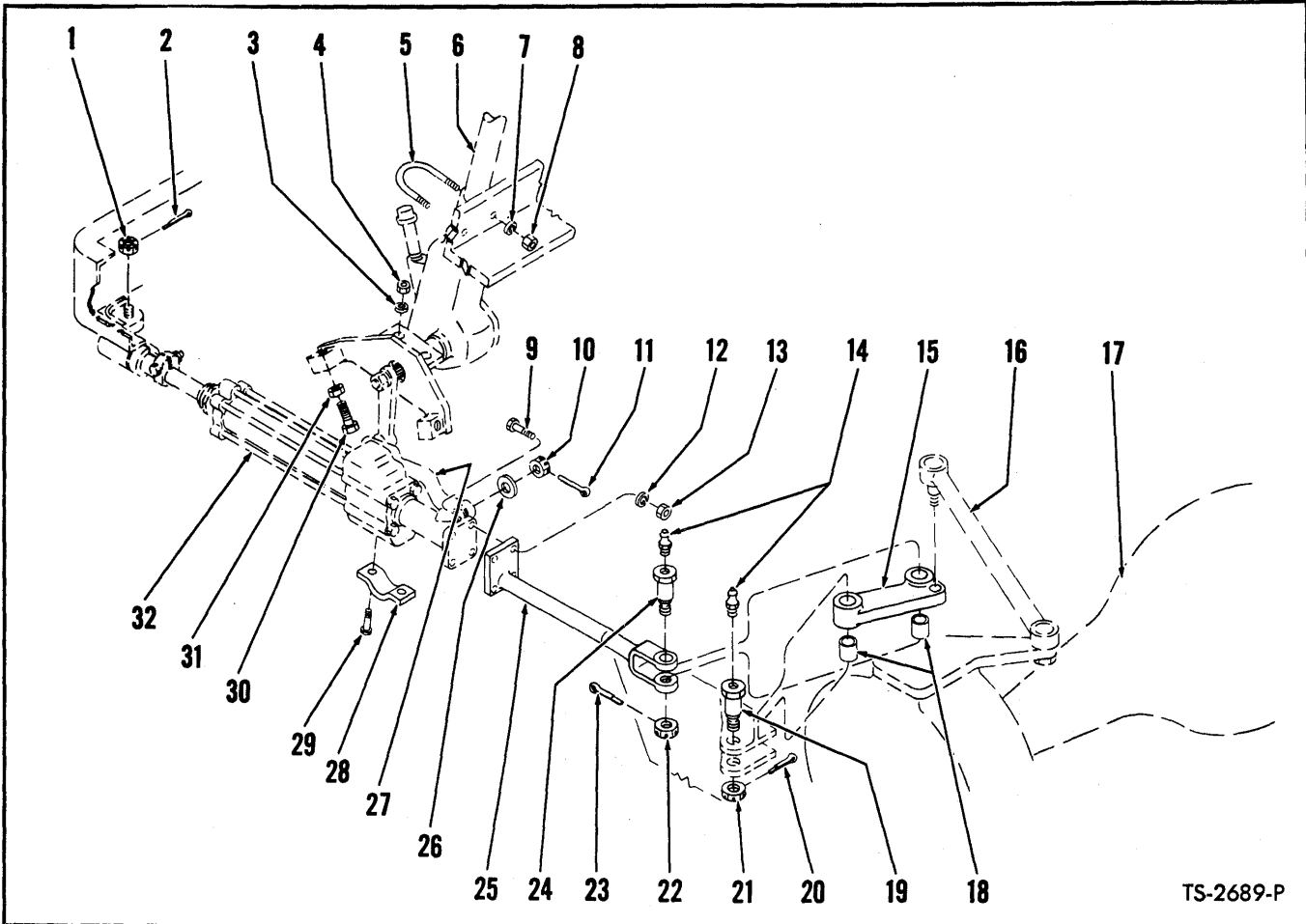


**STEERING GEAR ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	940109	GEAR ASSY (Inc. 2, 5 thru 24, 26 thru 36, 39, 40)	1	24	853391	SEAL, Pitman Shaft Grease	1
1	639796	BUTTON ASSY, Horn	1	25		ARM, Pitman	
2	853368	TERMINAL, Horn	1	25A	940114	For Model 75A	1
3	648304	NUT, Steering Wheel	1	25B	940125	For Model 75B	1
4	518331	WHEEL, Steering	1	25C	940127	For Model 75R	1
5	853394	SEAT, Upper Bearing Spring	1	26	853357	BUSHING, Pitman Shaft	2
6	857729	BEARING, Upper	1	27	853372	ADJUSTER, Worm Bearing	1
7	940112	HOUSING ASSY (Inc. 10, 26)	1	28	853385	NUT, Worm Bearing Adjuster Lock	1
8	940122	SHAFT ASSY (Inc. 2, 8A, 9, 11, 14, 15, 16, 17, 36)	1	29	853373	BEARING, Worm Thrust	1
8A	940123	SHAFT	1	30	1C-612	BOLT, Side Cover	3
9	853373	BEARING, Worm Thrust	1	31	2E-06	LKWSHR, Side Cover	3
10	853379	CUP, Worm Thrust Bearing	1	32	851770	ADJUSTER, Lash	1
11	851762	BOLT ASSY (Inc. Washer)	3	32A	853187	†SHIM KIT, Lash Adjuster	1
12	22F-4	CAP, Filler	1	33	851756	GASKET, Side Cover	1
13	5K-432	NIPPLE, Filler Extension	1	34	853182	COVER, Housing Side (Inc. Bushing)	1
14	853464	CLAMP, Ball Return Guide	1	35	8D-07	NUT, Lash Adjuster	1
15	853412	GUIDE, Ball Return	4	36	940115	CONTACT, Horn Cable	1
16	10J-09	BALL	106	37	622026	CONNECTOR, Horn Cable	1
17	853408	BALL NUT	1	37A	622028	†COVER, Horn Cable Connector	1
18	853380	GASKET, End Cover	1	37B	622027	†SCREW, Horn Connector	1
19	853376	COVER, Housing End	1	37C	518346	†GASKET, Horn Connector	1
20	1C-718	BOLT, End Cover — Short	3	38	3G-1003	SCREW, Horn Cover	2
20A	1C-726	BOLT, End Cover — Long	1	38A	17E-10	†LKWSHR, Horn Cover	2
20B	3E-07	LKWSHR, End Cover	4	39	853395	SPRING, Upper Bearing	1
21	4E-18	LKWSHR, Pitman Arm	1	40	853384	†KEY, Steering Wheel	1
22	850756	NUT, Pitman Arm	1	41	695930	†SCREW, Horn Button	4
23	940111	GEAR, Pitman Shaft	1	42	940119	†SPACER, Lock Block	1
				43	940120	†BLOCK, Adjusting Nut Lock	1

†Not Illustrated

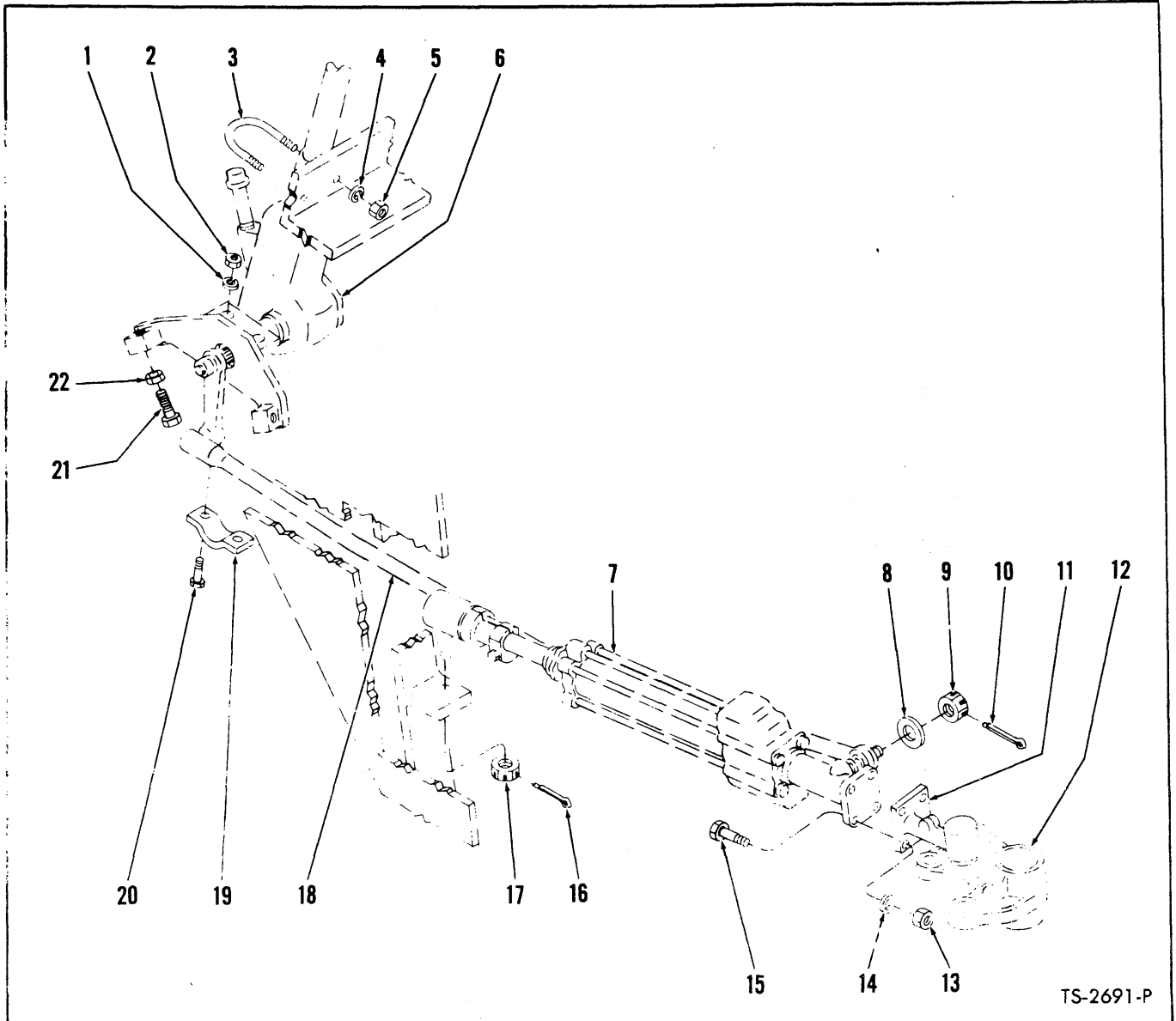
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**STEERING LINKAGE GROUP – MODEL 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	868980	NUT, Booster to Frame .....	1	17	-----	REAR DRIVE STEER AXLE--(See Index) .....	—
2	1F-428	COTTER, Booster to Frame Nut .....	1	18	550601	BUSHING, Bell Crank .....	2
3	4E-08	LKWSHR, Steering Gear Clamp .....	2	19	550602	PIN, Bell Crank to Frame .....	1
4	2D-08	NUT, Steering Gear Clamp .....	2	20	1F-424	COTTER, Pin Retaining Nut .....	1
5	550594	U-BOLT, Steering Gear to Frame.....	1	21	617863	NUT, Pin Retaining .....	1
6	-----	STEERING GEAR – (See Index) .....	—	22	617863	NUT, Pin Retaining .....	1
7	4E-08	LKWSHR, U-Bolt .....	2	23	1F-424	COTTER, Pin Retaining Nut .....	1
8	2D-08	NUT, U-Bolt .....	2	24	550602	PIN, Adapter to Bell Crank .....	1
9	2C-832	BOLT, Adapter to Booster .....	4	25	550597	ADAPTER, Steering Booster .....	1
10	868980	NUT, Drag Link to Booster .....	1	26	621740	WASHER, Drag Link to Booster .....	1
11	1F-428	COTTER, Drag Link to Booster Nut .....	1	27	-----	DRAG LINK – (See Index) .....	—
12	4E-08	LKWSHR, Adapter to Booster .....	4	28	550044	CLAMP, Steering Gear .....	1
13	2D-08	NUT, Adapter to Booster .....	4	29	2C-836	BOLT, Clamp to Frame .....	2
14	10H-25	FITTING, Pin Grease .....	2	30	2C-1028	BOLT, Steering Stop .....	2
15	550600	BELL CRANK ASSY (Inc. 18) .....	1	31	8D-10	NUT, Steering Stop .....	2
16	-----	PUSH ROD ASSY – (See Index) .....	—	32	-----	STEERING BOOSTER – (See Index).....	—

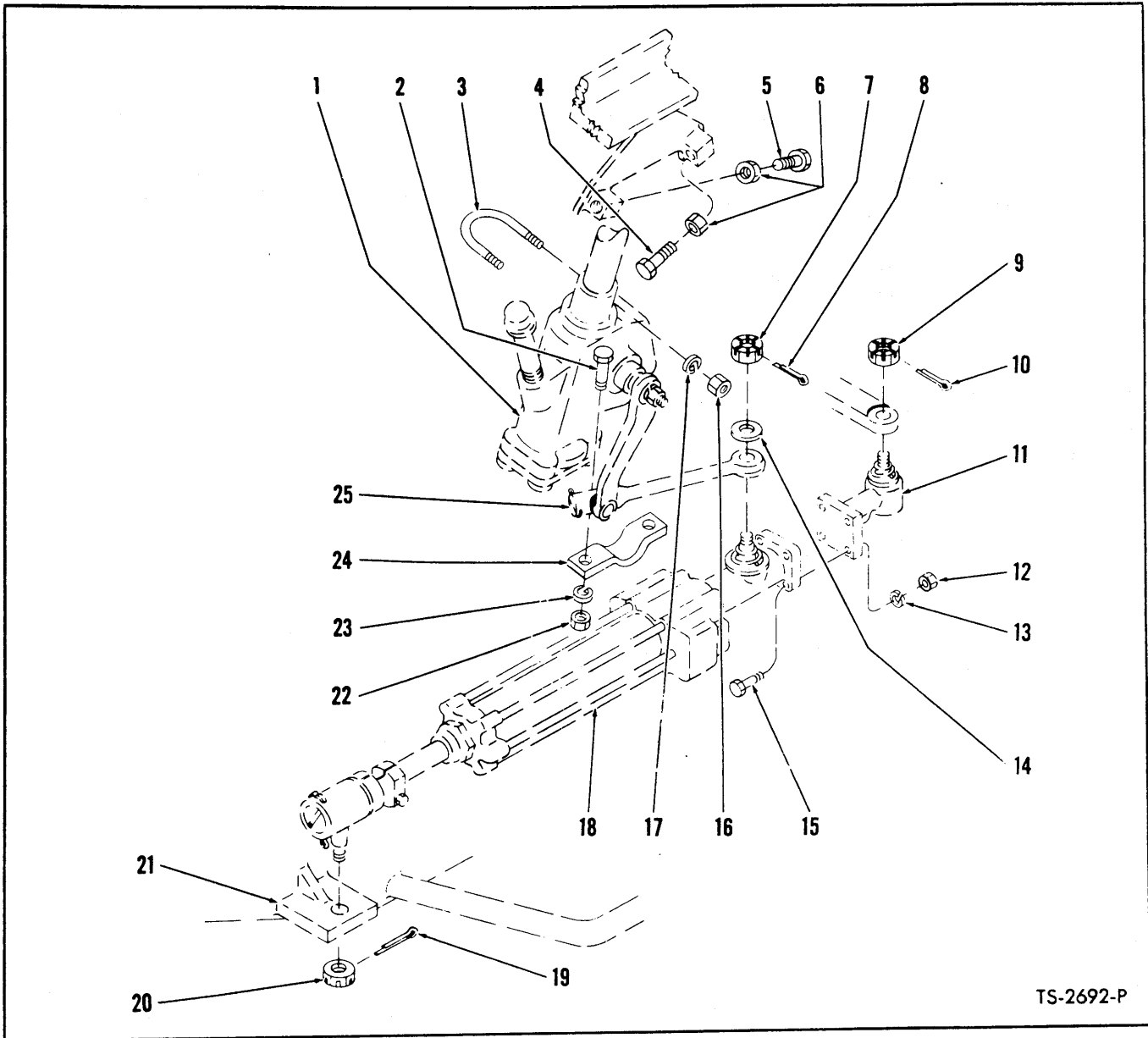
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**STEERING LINKAGE GROUP — MODEL 75B**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	4E-08	LKWSHR, Clamp to Frame	2	12	-----	STEERING SPIDER — (See Index)	—
2	2D-08	NUT, Clamp to Frame	2	13	2D-08	NUT, Adapter to Booster	4
3	545941	U-Bolt, Steering Gear	1	14	4E-08	LKWSHR Adapter to Booster	4
4	4E-08	LKWSHR, U-Bolt	2	15	2C-832	BOLT, Adapter to Booster	4
5	2D-08	NUT, U-Bolt	2	16	1F-428	COTTER, Booster to Frame Nut	1
6	-----	STEERING GEAR — (See Index)	—	17	868980	NUT, Booster to Frame	1
7	-----	STEERING BOOSTER — (See Index)	—	18	-----	DRAG LINK — (See Index)	—
8	621740	WASHER, Drag Link to Booster	1	19	530044	CLAMP, Steering Gear	1
9	868980	NUT, Drag Link to Booster	1	20	2C-832	BOLT, Clamp to Frame	2
10	1F-428	COTTER, Drag Link to Booster Nut	1	21	2C-1028	BOLT, Steering Stop	2
11	-----	ADAPTER, Steering Booster — (See Index)	—	22	8D-10	NUT, Steering Stop	2

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

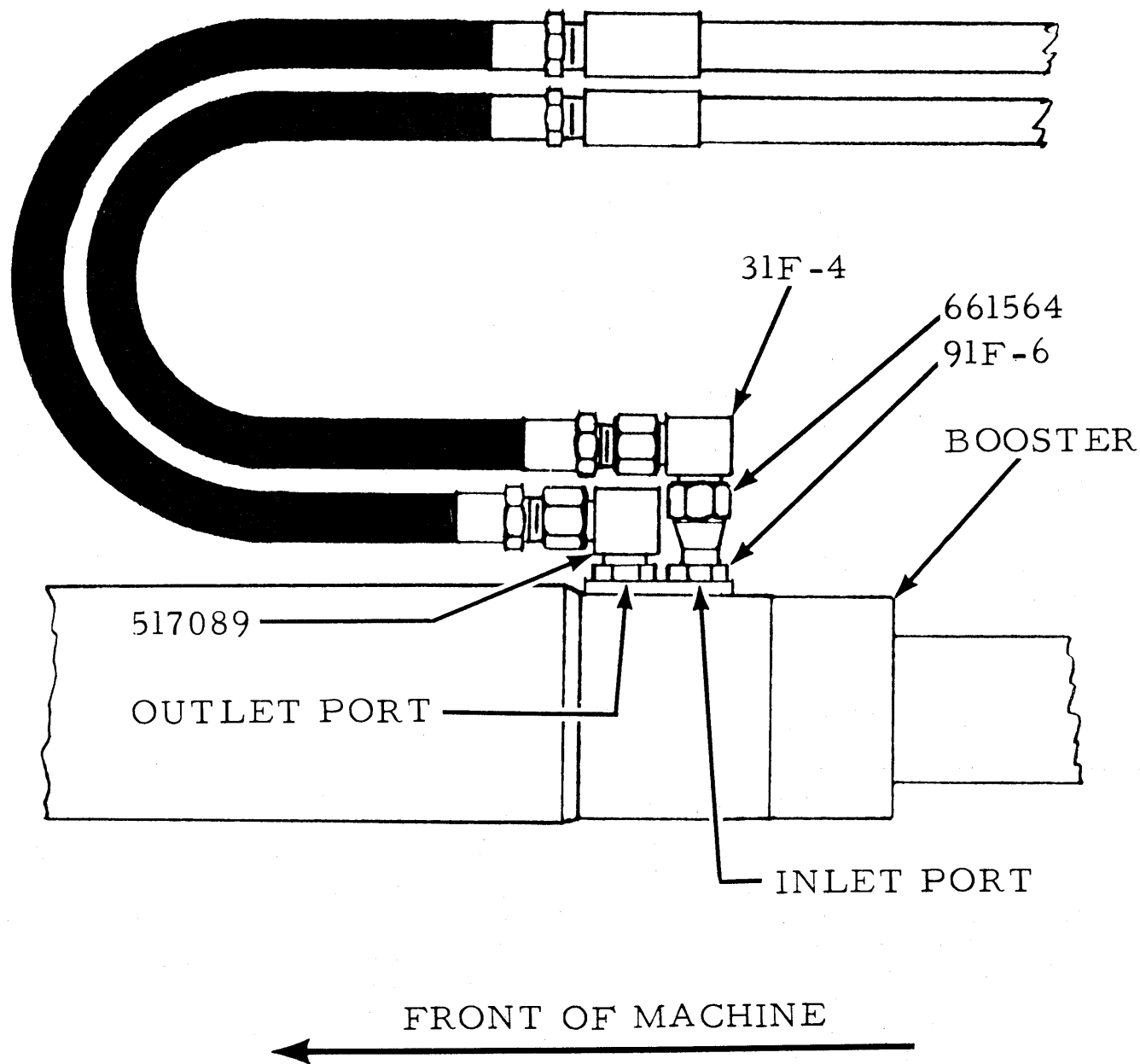


TS-2692-P

**STEERING LINKAGE GROUP - 75R**

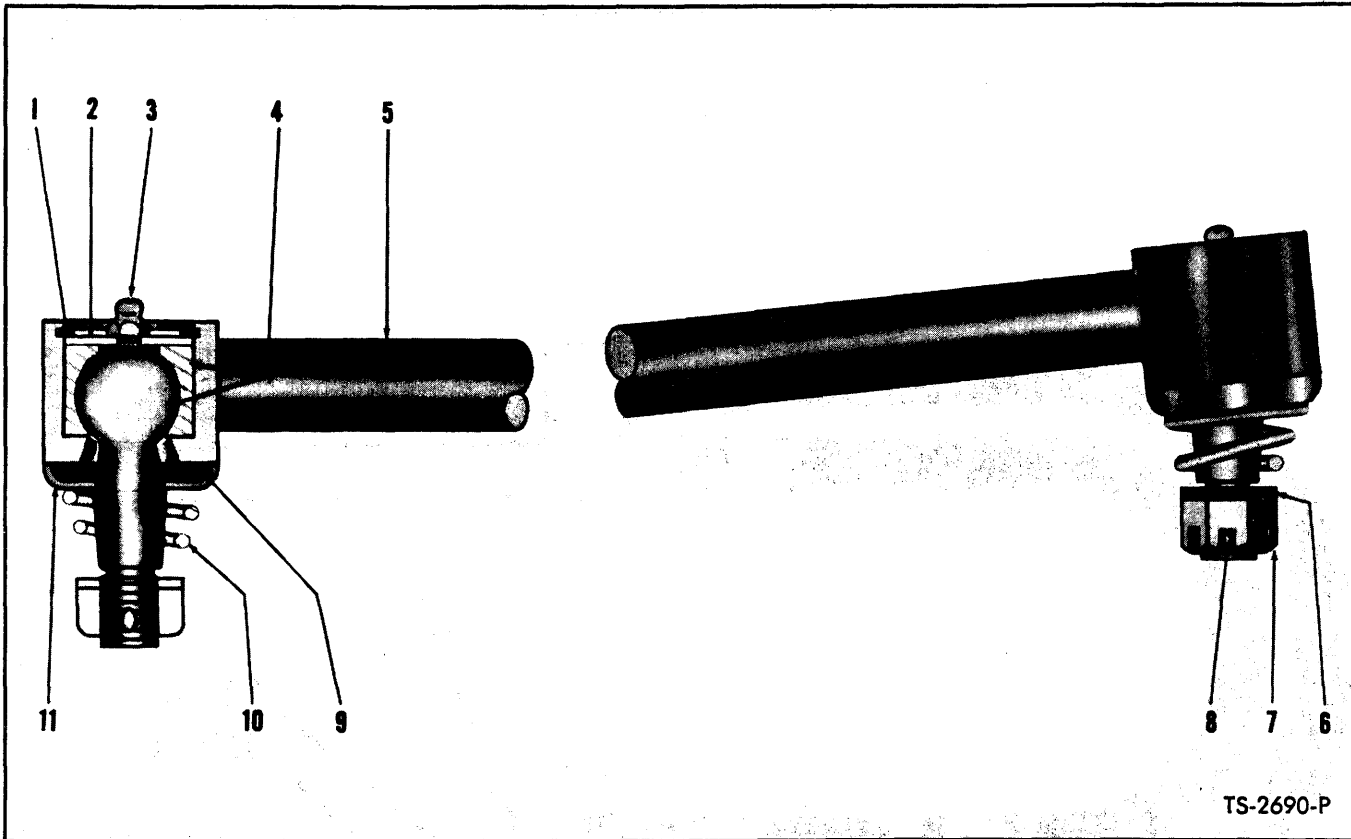
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	STEERING GEAR - (See Index)	1	12	2D-08	NUT, Adapter to Booster	4
2	2C-832	BOLT, Clamp Attaching	2	13	4E-08	LKWSHR, Adapter to Booster	4
3	545941	U-BOLT, Steering Gear to Frame	2	14	621740	WASHER, Drag Link to Booster	1
4	2C-1028	BOLT, Steering Stop	1	15	2C-832	BOLT, Adapter to Booster	4
5	2C-1032	BOLT, Steering Stop	1	16	2D-08	NUT, U-Bolt	2
6	8D-10	NUT, Steering Stop Bolt Jam	2	17	4E-08	LKWSHR, U-Bolt	2
7	868980	NUT, Drag Link to Booster	1	18	-----	STEERING BOOSTER - (See Index)	1
8	1F-428	COTTER, Drag Link to Booster Nut	1	19	1F-428	COTTER, Booster to Axle Nut	1
9	100857	NUT, Adapter to Steering Arm	1	20	868980	NUT, Booster to Axle	1
10	1F-424	COTTER, Adapter to Steering Arm Nut	1	21	-----	FRONT STEER AXLE - (See Index)	1
11	-----	ADAPTER, Steering Booster - (See Index)	1	22	2D-08	NUT, Clamp Attaching	2
				23	4E-08	LKWSHR, Clamp Attaching	2
				24	550044	CLAMP, Steering Gear	1
				25	-----	DRAG LINK - (See Index)	1

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



STEERING PIPING HOOKUP TO 541541 BOOSTER

TS-3093



**PUSH ROD ASSEMBLY - MODEL 75A**

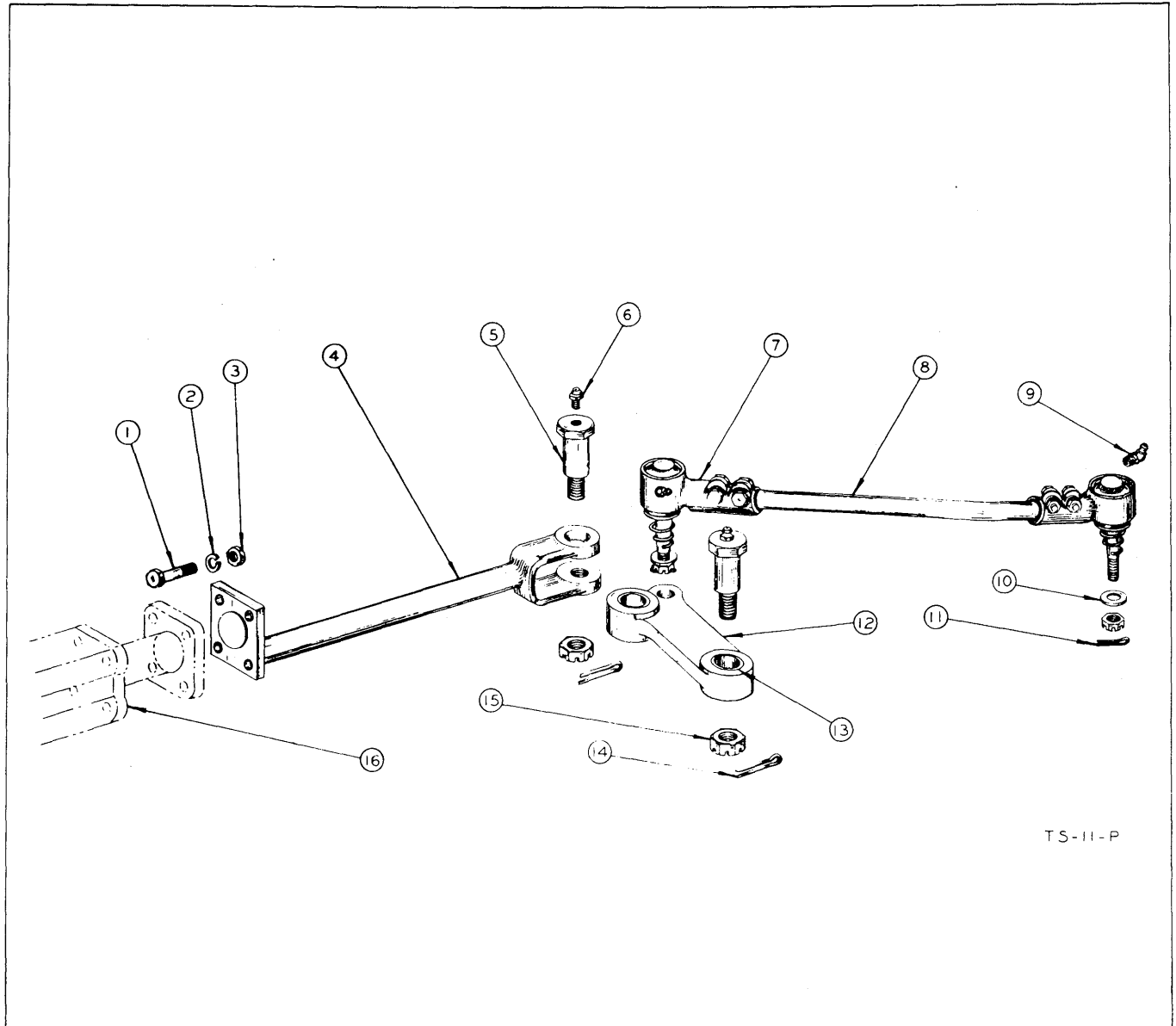
Item No.	Part No.	Description	No. Req'd.
A	525867	*PUSH ROD ASSY (Inc. 1 thru 5)	1
1	507695	RING, Plate Retaining	2
2	524066	PLATE, Ball Stud Retaining	2
3	10H-25	FITTING, Ball Stud Grease	2
4	509346	BALL STUD	2
5	-----	§ROD ONLY (See "A")	1
6	616813	WASHER, Ball Stud	2
7	4D-12	NUT, Ball Stud	2
8	1F-426	COTTER, Ball Stud Nut	2
9	106137	FELT WASHER, Ball Stud	2
10	106268	SPRING, Felt Retaining	2
11	106138	PLATE, Felt Washer Retaining	2

\*NOTE: Machines in serial group listed below were equipped with a push rod with replaceable ends. When it becomes necessary to replace rod on these machines order item "A" above. Service parts for replaceable ends will still be furnished.

8123 thru 12045, 12048, 12049, 12050, 12054, 12059, 12060, 12062, 12064, 12066.

§Not Sold Separately

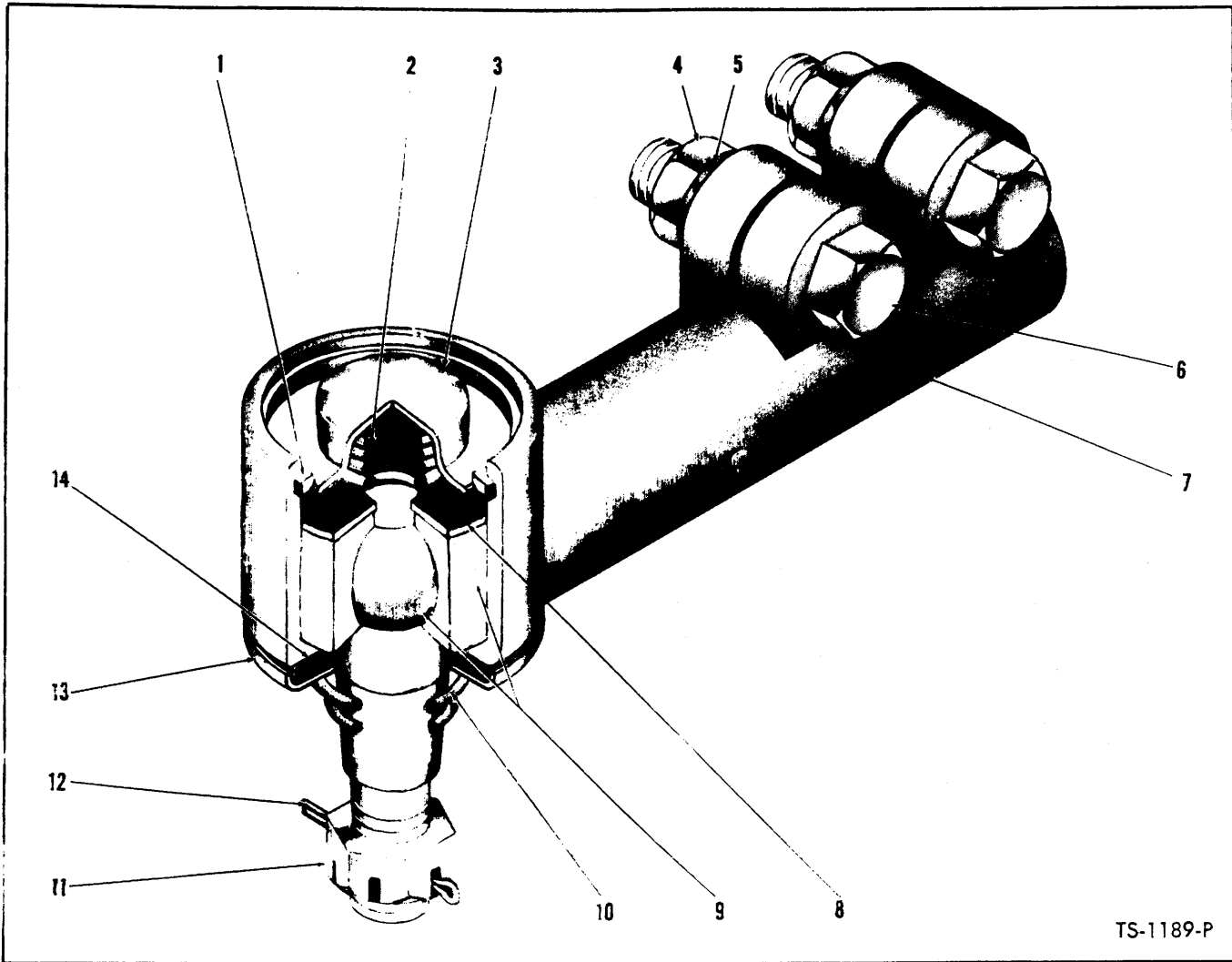
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



TS-11-P

**PUSH ROD ASSEMBLY — STEERING BOOSTER — AXLE**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2C-832	Bolt, Push Rod to Booster.....	4	9	11H-15	Fitting, Tie Rod End Grease.....	2
2	4E-08	Lkwsr, Push Rod to Booster.....	4	10	616813	Washer .....	2
3	2D-08	Nut, Push Rod to Booster.....	4	11	1F-426	Cotter .....	2
4	550597	Push Rod Ass'y., Booster to Crank..	1	12	550600	Bell Crank Assembly (Inc. 12A & 13)	1
5	550602	Pin .....	2	12A	550187	Bell Crank .....	1
6	10H-25	Grease Fitting .....	2	13	550601	Bushing .....	2
7	106110	Tie Rod End Ass'y. — See Index..	2	14	1F-424	Cotter .....	2
8	525857	Tie Rod Assembly.....	1	15	617863	Nut .....	2
				16		Steering Booster — See Index	



TS-1189-P

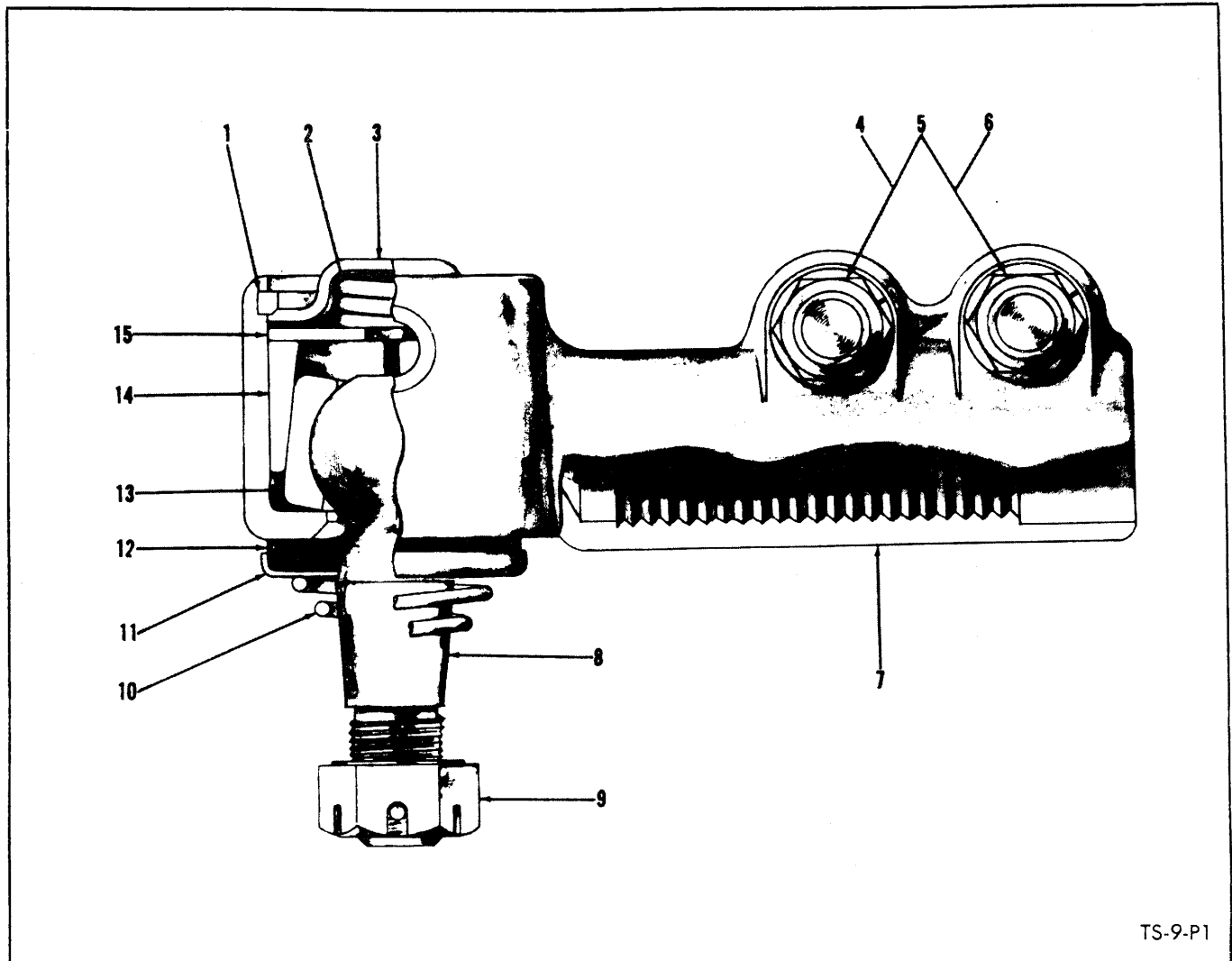
**TIE ROD AND PUSH ROD END ASSEMBLY – MODELS 75A AND 75B**

Item No.	Part No.	Description	No. Req'd.
A	112652	*END ASSY, Tie Rod (Inc. 1 thru 14)	4
<b>Quantities listed below are for 1 end.</b>			
1	106094	RING Cap Retaining	1
2	106091	SPRING	1
3	106093	CAP, Ball Stud Retaining	1
4	2D-10	NUT, Clamping	2
5	4E-10	LKWSHR, Clamping	2
6	2C-1040	BOLT, Clamping	2
7	106113	HOUSING Tie Rod End	1
8	106088	WASHER Retaining	1
9	112654	BALL STUD ASSY (Inc. 11)	1
10	106268	SPRING	1
11	112174	NUT, Ball Stud	1
12	1F-426	COTTER, Ball Stud Nut	1
13	106138	RETAINER, Felt	1
14	106137	FELT	1

\*NOTE: Quantity required this item for 75B is 2.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





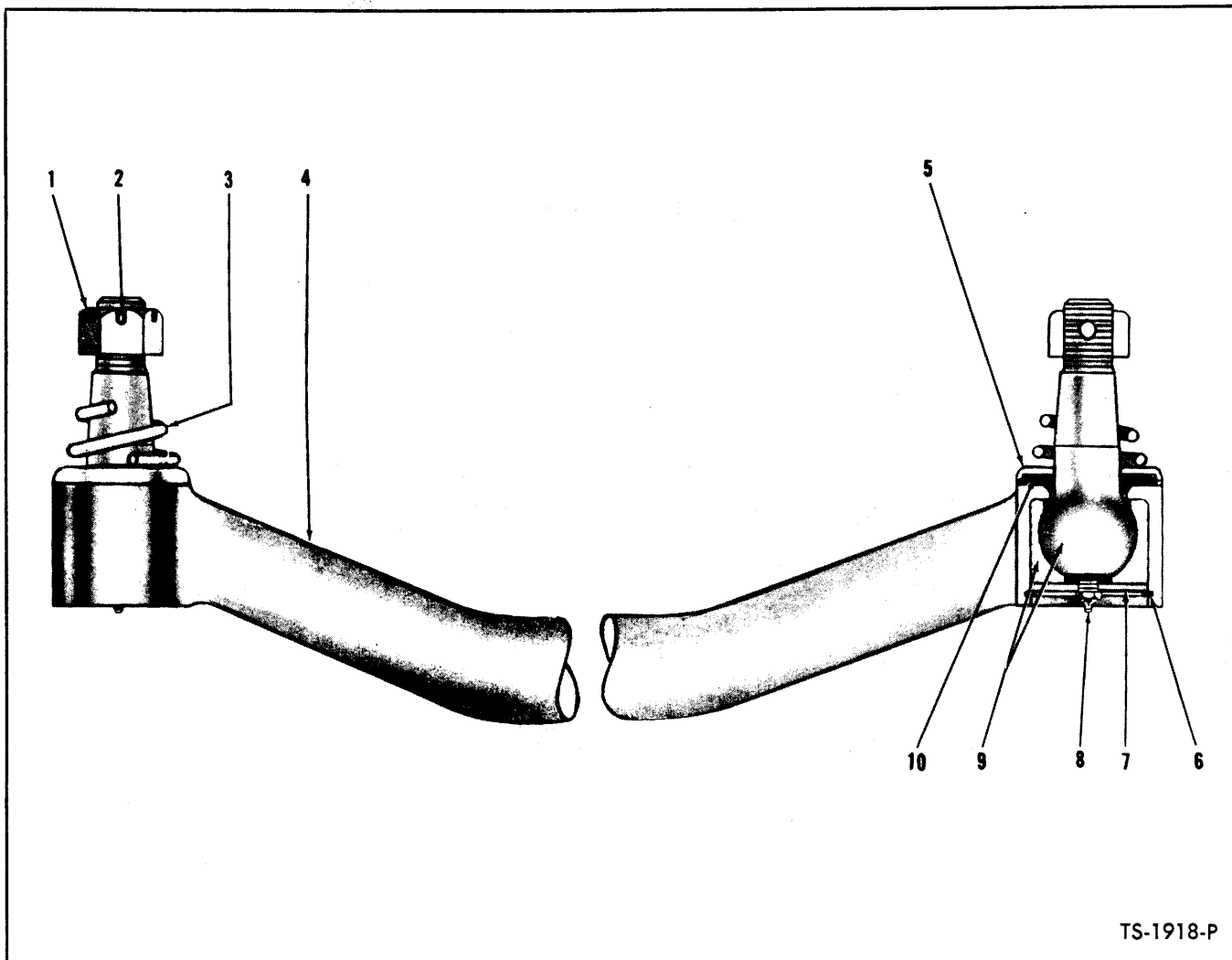
TS-9-P1

**TIE ROD END ASSEMBLY — MODEL 75R**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		END ASSY, Tie Rod (Inc. 1 thru 15)		7		HOUSING, Tie Rod End	
B	106145	Right Hand	1	7A	106560	Right Hand	1
C	106146	Left Hand	1	7B	106727	Left Hand	1
<b>Quantities listed below are for 1 end.</b>				8	940155	BALL STUD	1
1	940152	RING, Cap Retaining	1	9	100857	NUT, Ball Stud	1
2	940153	SPRING	1	9A	1F-426	†COTTER, Ball Stud Nut	1
3	940154	CAP, Ball Stud Retaining	1	10	102438	SPRING	1
4	1C-832	BOLT, Clamping	2	11	102435	RETAINER, Felt	1
5	1D-08	NUT, Clamping	2	12	102436	FELT	1
6	4E-08	LKWSHR, Clamping	2	13	940156	SOCKET, Ball Stud	1
				14	940157	RETAINER, Ball Stud Socket	1
				15	940158	WASHER, Retaining	1

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



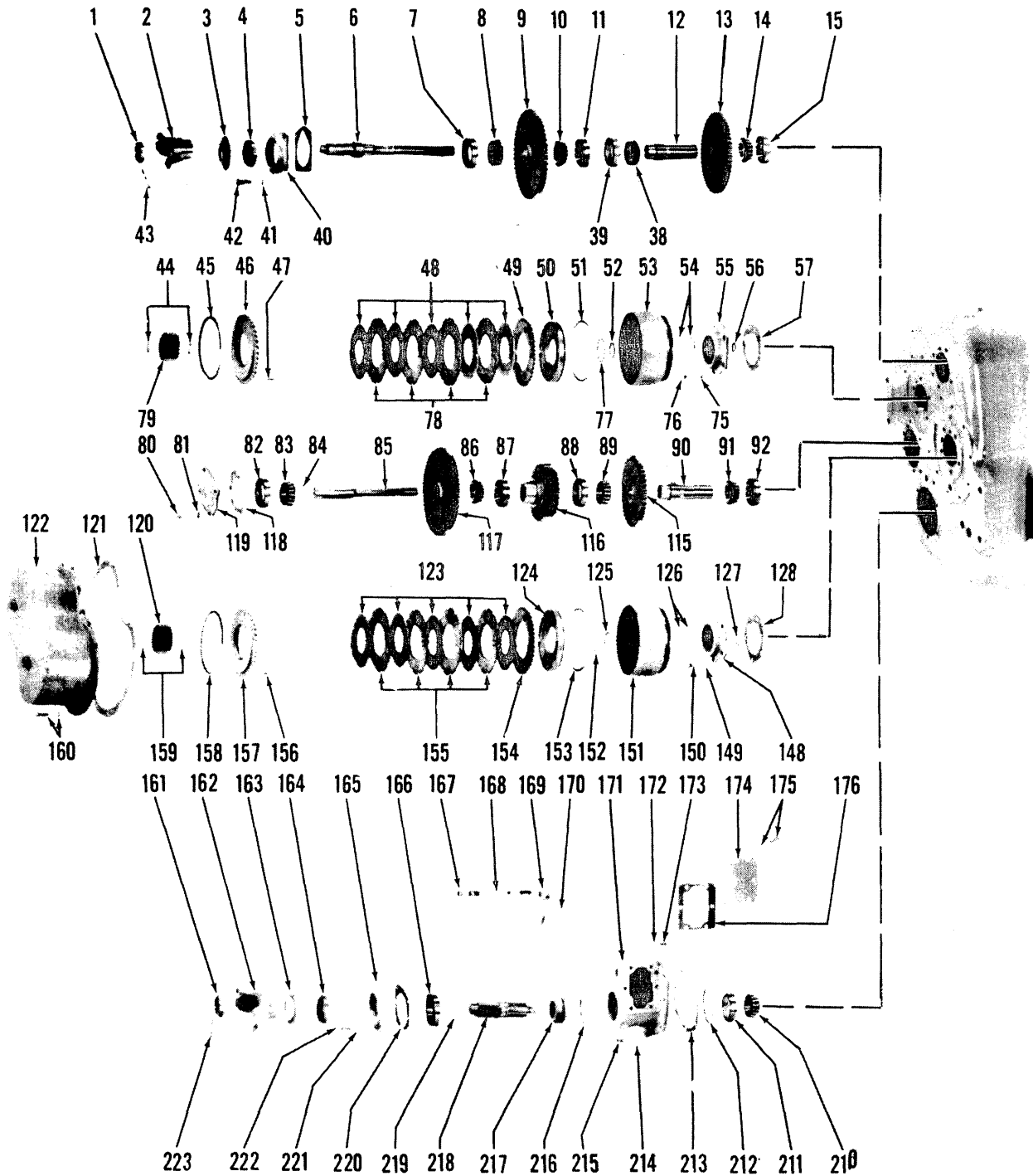
TS-1918-P

**TIE ROD ASSEMBLY — MODEL 75A**

Item No.	Part No.	Description	No. Req'd.
1	4D-12	NUT, Ball Stud .....	2
2	1F-426	COTTER, Ball Stud Nut .....	2
3	106268	SPRING .....	2
4	525857	TIE ROD ASSY (Inc. 6 thru 9) .....	1
5	106138	RETAINER, Felt Washer .....	2
6	507695	RING, Ball Stud Retaining .....	2
7	541879	PLATE, Ball Stud Retaining .....	2
8	10H-25	FITTING, Ball Stud Grease .....	2
9	509346	BALL STUD .....	2
10	106137	WASHER, Felt .....	2

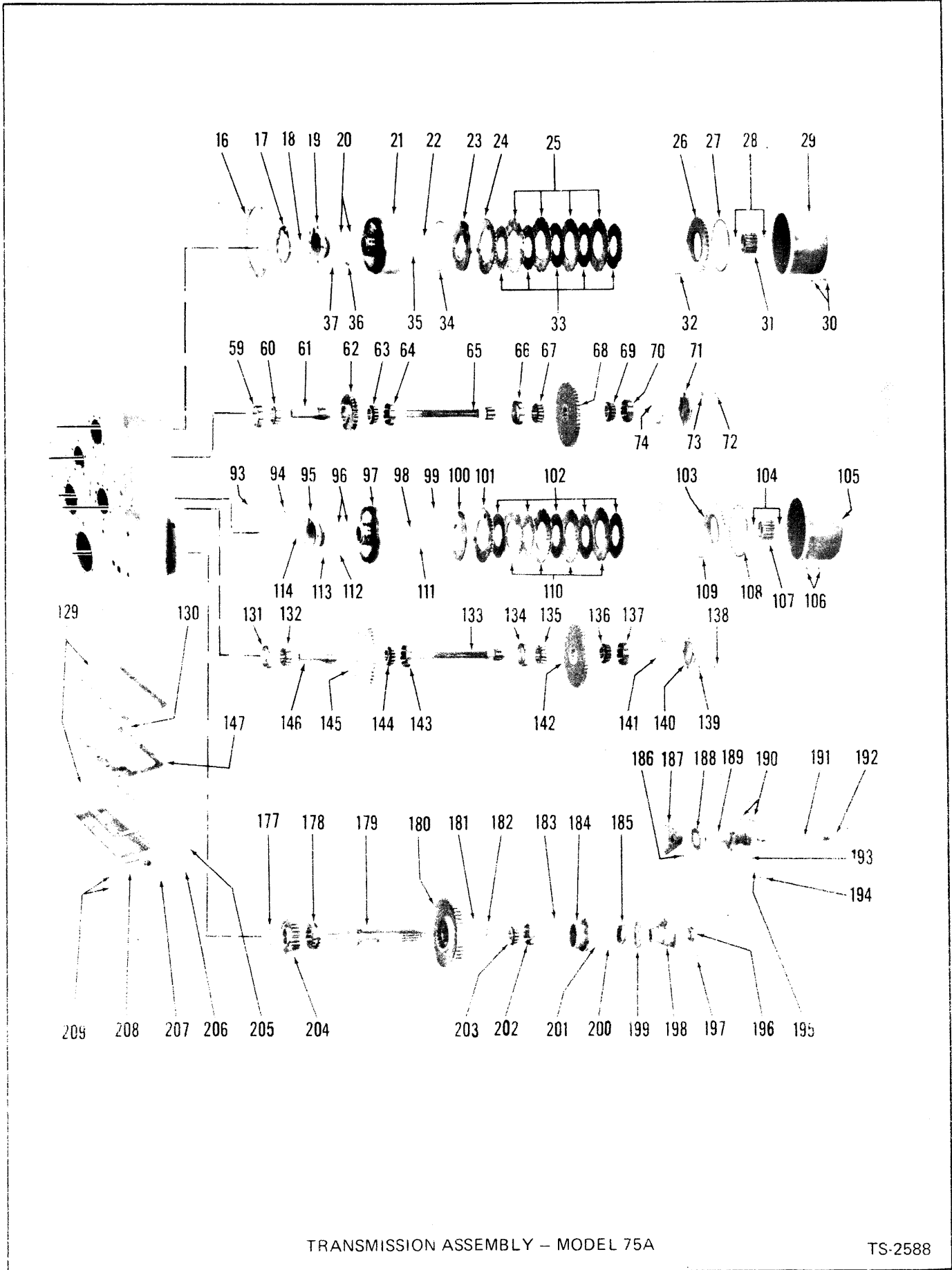
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**





TRANSMISSION ASSEMBLY - MODEL 75A

TS-2588



TRANSMISSION ASSEMBLY - MODEL 75A

TS-2588

**TRANSMISSION ASSEMBLY — MODEL 75A**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		TRANSMISSION ASSY (Inc. 1 thru 227)		31		HUB, Clutch Disc	
B	280636	*(T-75A-1) For Serial 8123 thru 9179, 9181 thru 9190, 9192, 9193, 9194, 9214 thru 9217, 9219, 9220, 9221, 9223, 9224, 9225, 9227, 9228, 9230		31A	800810	**For Serial Group "A" (See Page 38)	1
C	280071	*(T-75A-3) For Serial 9180, 9191, 9195 thru 9213, 9218, 9222, 9226, 9229, 9231 thru 12183, 1CA3170 & thereafter & 1CB893 & thereafter		31B	216673	For Serial Group "B" (See Page 38)	1
1	201951	NUT, Input Flange	1	32	216697	SPRING, Clutch Disc Release	10
2	209343	FLANGE ASSY, Input (Inc. 3)	1	33	216677	DISC, Clutch Inner	5
3	100949	DEFLECTOR, Input Flange	1	34	208776	RING, Piston Outer Sealing	1
4	206864	SEAL, Input Shaft Oil	1	35	224097	RING, Drum Hub Retaining	1
5	209340	‡SHIM, Bearing Cap — .004	—	36	1C-718	BOLT, Bearing Cap	4
5A	209341	‡SHIM, Bearing Cap — .007	—	37	4E-07	LKWSHR, Bearing Cap	4
5B	209342	‡SHIM, Bearing Cap — .010	—	38	675548	CONE, Quill Shaft Bearing	1
6		SHAFT, Input		39	675544	CUP, Quill Shaft Bearing	1
6A	800810	**For Serial Group "A" (See Page 38)	1	39A	223881	RING, Bearing Locating	1
6B	216674	For Serial Group "B" (See Page 38)	1	40	209339	CAP, Input Shaft Bearing	1
7	675544	CUP, Input Shaft Bearing	1	41	4E-07	LKWSHR, Bearing Cap	4
8	675547	CONE, Input Shaft Bearing	1	42	1C-718	BOLT, Bearing Cap	4
9	209377	GEAR, Input Shaft Reverse (45T)	1	43	1F-424	COTTER, Flange Nut	1
10	675547	CONE, Input Shaft Bearing	1	44	224068	RING, Clutch Disc Hub Retaining	2
11	675544	CUP, Input Shaft Bearing	1	45	223942	RING, End Plate Retaining	1
11A	223881	†RING, Bearing Locating	1	46	208760	PLATE, Clutch Disc End	1
12	209368	SHAFT, Input Quill	1	47	216697	SPRING, Clutch Disc Release	10
13	209369	GEAR, Input Shaft Forward (43T)	1	48	216677	DISC, Clutch Inner	5
14	675548	CONE, Quill Shaft Bearing	1	49	221998	DISC, Clutch Outer	1
15	675544	CUP, Quill Shaft Bearing	1	50	221996	PISTON, Clutch	1
16	221401	GASKET, Clutch Cover	1	51	208776	RING, Piston Outer Sealing	1
17	209392	‡SHIM, Bearing Cap — .004	—	52	224097	RING, Drum Hub Retaining	1
17A	209393	‡SHIM, Bearing Cap — .007	—	53	222410	DRUM ASSY (Inc. 53A, 53B)	1
17B	209394	‡SHIM, Bearing Cap — .010	—	53A	222407	†HOUSING, Bleed Valve	1
17C	221208	‡SHIM, Bearing Cap — .020	—	53B	10J-06	†BALL, Bleed Valve	1
18	25K-30016	"O" RING, Bearing Cap	1	53C	-----	†S-HUB, Clutch Drum (See 53)	1
19	209391	CAP, Clutch Bearing	1	53D	209932	†PIN, Pressure Relief	1
20	209387	RING, Drum Hub Sealing	2	53E	209389	†SPRING, Pressure Relief	1
21	222410	DRUM ASSY, Clutch (Inc. 21A, 21B)	1	53F	220678	†GUARD, Relief Spring	1
21A	222407	†HOUSING, Bleed Valve	1	53G	209937	†WASHER, Relief Spring	1
21B	10J-06	†BALL, Bleed Valve	1	53H	619023	†WASHER, Clutch Drum Balance	1
21C	-----	†S-HUB, Clutch Drum (See 21)	1	53J	100284	†BOLT, Drum to Hub	8
21D	209932	†PIN, Pressure Relief	1	54	209387	RING, Drum Hub Sealing	2
21E	209389	†SPRING, Pressure Relief	1	55	209391	CAP, Clutch Bearing	1
21F	220678	†GUARD, Relief Spring	1	56	25K-30016	"O" RING, Bearing Cap	1
21G	209937	†WASHER, Relief Spring	1	57	209392	‡SHIM, Bearing Cap — .004"	—
21H	619023	†WASHER, Clutch Drum Balance	1	57A	209393	‡SHIM, Bearing Cap — .007"	—
21J	100284	†BOLT, Drum to Hub	8	57B	209394	‡SHIM, Bearing Cap — .010"	—
22	208777	RING, Piston Inner Sealing	1	57C	221208	‡SHIM, Bearing Cap — .020"	—
23	221996	PISTON, Clutch	1	58	800815	CASE ASSY, Transmission (Inc. 129, 130, 147, 207, 208, 209)	1
24	221998	DISC, Clutch Outer	1	59	675544	CUP, Quill Shaft Bearing	1
25	208773	DISC, Clutch Outer	4	60	675548	CONE, Quill Shaft Bearing	1
26	208760	PLATE, Clutch Disc End	1	61	209368	SHAFT, 1st & 3rd Quill	1
27	223942	RING, End Plate Retaining	1	62	209374	GEAR, 1st & 3rd Drive (29T)	1
28	224068	RING, Clutch Disc Hub Retaining	2	63	675548	CONE, Quill Shaft Bearing	1
29	209358	COVER, Clutch	1	64	675544	CUP, Quill Shaft Bearing	1
30	5C-614	BOLT & LKWSHR, Clutch Cover	10	64A	223881	†RING, Bearing Locating	1
				65		SHAFT, 1st & 3rd Drive	
				65A	800809	**For Serial Group "A" (See Page 38)	1
				65B	216671	For Serial Group "B" (See Page 38)	1
				66	675544	CUP, Drive Shaft Bearing	1

†Not Illustrated

‡As Required

‡Not Sold Separately

\*NOTE: For complete replacement of 280636 or 280071 Trans. Assy. use 281740 Trans. Assy.

\*\*NOTE: 800809, 800810 and 800811 Shaft and Hub Kits include Drive Shaft and one 216673 Clutch Disc Hub. After these Kits have been installed in unit use parts listed for serial group "B" for subsequent replacement.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**TRANSMISSION ASSEMBLY — MODEL 75A (Continued)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
66A	223881	†RING, Bearing Locating	1	102	216677	DISC, Clutch Inner	5
67	675547	CONE, Drive Shaft Bearing	1	103	208760	PLATE, Clutch Disc End	1
68	209375	GEAR, 1st & 3rd Drop (44T)	1	104	224068	RING, Clutch Disc Hub Retaining	2
69	675547	CONE, Drive Shaft Bearing	1	105	209358	COVER, Clutch	1
70	675544	CUP, Drive Shaft Bearing	1	106	5C-614	BOLT & LKWSHR, Clutch Cover	10
71	209364	CAP, Drive Shaft Bearing	1	107		HUB, Clutch Disc	
72	1C-718	BOLT, Bearing Cap	4	107A	800811	**For Serial Group "A" (See Page 38)	1
73	4E-07	LKWSHR, Bearing Cap	4	107B	216673	For Serial Group "B" (See Page 38)	1
74	209365	‡SHIM, Bearing Cap — .004"	—	108	216697	RING, End Plate Retaining	1
74A	209366	‡SHIM, Bearing Cap — .007"	—	109	216697	SPRING, Clutch Disc Release	1
74B	209367	‡SHIM, Bearing Cap — .010"	—	110	208773	DISC, Clutch Outer	4
75	4E-07	LKWSHR, Bearing Cap	4	111	208777	RING, Piston Inner Sealing	1
76	1C-718	BOLT, Bearing Cap	4	112	1C-718	BOLT, Bearing Cap	4
77	208777	RING, Piston Inner Sealing	1	113	4E-07	LKWSHR, Bearing Cap	4
78	208773	DISC, Clutch Outer	4	114	25K-30016	"O" RING, Bearing Cap	1
79		HUB, Clutch Disc		115	209369	GEAR, 2nd & 4th Drive (43T)	1
79A	800809	**For Serial Group "A" (See Page 38)	1	116	220395	GEAR, Drive Shaft Low (32T)	1
79B	216673	For Serial Group "B" (See Page 38)	1	117	209421	GEAR, Drive Shaft High (57T)	1
80	1C-718	BOLT, Bearing Cap	4	118	209417	‡SHIM, Bearing Cap — .004"	—
81	4E-07	LKWSHR, Bearing Cap	4	118A	209418	‡SHIM, Bearing Cap — .007"	—
82	675542	CUP, Drive Shaft Bearing	1	118B	209419	‡SHIM, Bearing Cap — .010"	—
83	675545	CONE, Drive Shaft Bearing	1	119	209416	CAP, Drive Shaft Bearing	1
84	224031	RING, 2nd & 4th High Gear Locating	1	120		HUB, Clutch Disc	
85		SHAFT, 2nd & 4th Drive		120A	800811	**For Serial Group "A" (See Page 38)	1
85A	800811	**For Serial Group "A" (See Page 38)	1	120B	216673	For Serial Group "B" (See Page 38)	1
85B	216672	For Serial Group "B" (See Page 38)	1	121	209370	GASKET, Clutch Cover	1
86	675546	CONE, Drive Shaft Bearing	1	122	209357	COVER, Clutch	1
87	675542	CUP, Drive Shaft Bearing	1	123	216677	DISC, Clutch Inner	5
87A	223951	†RING, Bearing Locating	1	124	221996	PISTON, Clutch	1
88	675544	CUP, Quill Shaft Bearing	1	125	224097	RING, Clutch Drum Hub Retaining	1
89	675548	CONE, Quill Shaft Bearing	1	126	209387	RING, Clutch Drum Hub Sealing	2
90	209368	SHAFT, 2nd & 4th Quill	1	127	25K-30016	"O" RING, Bearing Cap	1
91	675548	CONE, Quill Shaft Bearing	1	128	209392	‡SHIM, Bearing Cap — .004"	—
92	675544	CUP, Quill Shaft Bearing	1	128A	209393	‡SHIM, Bearing Cap — .007"	—
93	221401	GASKET, Clutch Cover	1	128B	209394	‡SHIM, Bearing Cap — .010"	—
94	209392	‡SHIM, Bearing Cap — .004"	—	128C	221208	‡SHIM, Bearing Cap — .020"	—
94A	209393	‡SHIM, Bearing Cap — .007"	—	129	209353	GASKET, Oil Pan	2
94B	209394	‡SHIM, Bearing Cap — .010"	—	130		PIPE, Oil Suction	
94C	221208	‡SHIM, Bearing Cap — .020"	—	130A	209103	For T-75A-1	1
95	209391	CAP, Clutch Bearing	1	130B	220673	For T-75A-3	1
96	209387	RING, Drum Hub Sealing	2	131	675544	CUP, Quill Shaft Bearing	1
97	222410	DRUM ASSY, Clutch (Inc. 97A, 97B)	1	132	675548	CONE, Quill Shaft Bearing	1
97A	222407	†HOUSING, Bleed Valve	1	133		SHAFT, Reverse Drive	
97B	10J-06	†BALL, Bleed Valve	1	133A	800809	**For Serial Group "A" (See Page 38)	1
97C	—	†SHUB, Clutch Drum (See 97)	—	133B	216671	For Serial Group "B" (See Page 38)	1
97D	209932	†PIN, Pressure Relief	1	134	675544	CUP, Drive Shaft Bearing	1
97E	209389	†SPRING, Pressure Relief	1	134A	223881	†RING, Bearing Locating	1
97F	220678	†GUARD, Relief Spring	1	135	675547	CONE, Drive Shaft Bearing	1
97G	209937	†WASHER, Relief Spring	1	136	675547	CONE, Drive Shaft Bearing	1
97H	619023	†WASHER, Clutch Drum Balance	1	137	675544	CUP, Drive Shaft Bearing	1
97J	100284	†BOLT, Drum to Hub	8	138	1C-718	BOLT, Bearing Cap	4
98	224097	RING, Clutch Drum Hub Retaining	1	139	4E-07	LKWSHR, Bearing Cap	4
99	208776	RING, Piston Outer Sealing	1	140	209364	CAP, Reverse Shaft Bearing	1
100	221996	PISTON, Clutch	1				
101	221998	DISC, Clutch Outer	1				

†Not Illustrated  
‡As Required  
§Not Sold Separately

\*\*NOTE: 800809, 800810 and 800811 Shaft and Hub Kits include Drive Shaft and one 216673 Clutch Disc Hub. After these Kits have been installed in unit use parts listed for serial group "B" for subsequent replacement.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**TRANSMISSION ASSEMBLY — MODEL 75A (Continued)**

Item No.	Part No.	Description	No. Req'd.
141	209365	‡SHIM, Bearing Cap — .004"	—
141A	209366	‡SHIM, Bearing Cap — .007"	—
141B	209367	‡SHIM, Bearing Cap — .010"	—
142	209372	GEAR, Reverse Idler (52T)	1
143	675544	CUP, Quill Shaft Bearing	1
143A	223881	†RING, Bearing Locating	1
144	675548	CONE, Quill Shaft Bearing	1
145	209371	GEAR, Reverse Shaft Drive (54T)	1
146	209368	SHAFT, Reverse Quill	1
147		SCREEN ASSY, Oil	
147A	209354	For T-75A-1	1
147B	220669	For T-75A-3	1
148	209391	CAP, Clutch Bearing	1
149	4E-07	LKWSHR, Bearing Cap	4
150	1C-718	BOLT, Bearing Cap	4
151	222410	DRUM ASSY, Clutch (Inc. 151A, 151B)	1
151A	222407	†HOUSING, Bleed Valve	1
151B	10J-06	†BALL, Bleed Valve	1
151C	—	†SHUB, Clutch Drum (See 151)	1
151D	209932	†PIN, Pressure Relief	1
151E	209389	†SPRING, Pressure Relief	1
151F	220678	†GUARD, Relief Spring	1
151G	209937	†WASHER, Relief Spring	1
151H	619023	†WASHER, Clutch Drum Balance	1
151J	100284	†BOLT, Drum to Hub	8
152	208777	RING, Piston Inner Sealing	1
153	208776	RING, Piston Outer Sealing	1
154	221998	DISC, Clutch Outer	1
155	208773	DISC, Clutch Outer	4
156	216697	SPRING, Clutch Disc Release	10
157	208760	PLATE, Clutch Disc End	1
158	223942	RING, End Plate Retaining	1
159	224068	RING, Clutch Disc Hub Retaining	2
160	5C-614	BOLT & LKWSHR, Clutch Cover	16
161	205928	**NUT, Output Flange	1
162	209414	**FLANGE ASSY, Output (Inc. 163)	1
163	100949	**DEFLECTOR, Output Flange	1
164	206864	**SEAL, Output Shaft Oil	1
165	209428	**CAP, Output Shaft Bearing	1
166	713997	**BEARING, Output Shaft	1
167	209435	**SEAL, Shift Shaft Oil	1
168	209434	**SHAFT, Rear Output Shift	1
169	209433	**FORK, Output Shaft Shift	1
170	201566	**SCREW, Shift Fork Lock	1
171	209430	**HOUSING, Rear Output Shaft	1
172	10J-12	**BALL, Mesh Lock	1
173	201413	**SPRING, Mesh Lock	1
174	209431	**COVER, Output Shaft Housing	1
175	5C-612	**BOLT & LKWSHR, Housing Cover	6
176	209432	**GASKET, Housing Cover	1
177	209407	**WASHER, Output Shaft Gear Thrust	1
178	209409	**HUB, High & Low Shift	1

Item No.	Part No.	Description	No. Req'd.
179	209423	**SHAFT, Output (Inc. 179A)	1
179A	225408	†BUSHING, Shaft	1
180	800656	**GEAR, Output Shaft Low (Inc. Bushing & 181) 55T	1
181	209673	**RING, Low Gear Oil	1
182	209407	**WASHER, Output Shaft Gear Thrust	1
183	209701	**‡SHIM, Bearing Cap — .004"	—
183A	209702	**‡SHIM, Bearing Cap — .007"	—
183B	209703	**‡SHIM, Bearing Cap — .010"	—
184	209692	**CAP, Front Bearing	1
185	206864	**SEAL, Bearing Cap Oil	1
186	201566	**SCREW, Shift Fork Lock	1
187	209403	**FORK, High & Low Shift	1
188	209406	**GASKET, Shift Shaft Support	1
189	209405	**SUPPORT, Shift Shaft	1
190	5C-616	**BOLT, & LKWSHR, Shift Shaft Support	1
191	209404	**SHAFT, High & Low Shift	1
192	208871	**SEAL, Shift Shaft Support Oil	1
193	10J-12	**BALL, Mesh Lock	1
194	40K-04	**PLUG, Mesh Lock	1
195	201844	**SPRING, Mesh Lock	1
196	205928	**NUT, Output Shaft Flange	1
197	1F-432	**COTTER, Flange Nut	1
198	209414	**FLANGE ASSY, Output (Inc. 199)	1
199	100949	**DEFLECTOR, Output Flange	1
200	1C-718	**BOLT, Bearing Cap	4
201	4E-07	**LKWSHR, Bearing Cap	4
202	675544	**CUP, Output Shaft Bearing	1
203	675548	**CONE, Output Shaft Bearing	1
204	209396	**GEAR, Output Shaft High (Inc. Bushing) 29T	1
205	525293	MAGNET	1
206	223780	SPRING, Magnet Retaining	1
207	13F-12	PLUG, Drain	1
208	215644	PAN, Drain	1
209	5C-616	BOLT & LKWSHR, Oil Pan	14
210	675548	**CONE, Output Shaft Bearing	1
211	675544	**CUP, Output Shaft Bearing	1
212	223881	**RING, Bearing Retaining	1
213	209411	**SHIM, Output Shaft Housing	1
214	4E-07	**LKWSHR, Housing to Case	7
215	1C-720	**BOLT, Housing to Case	7
216	224069	**RING, Bearing Locating	1
217	209427	**HUB, Rear Output Shaft Shift	1
218	209426	**SHAFT, Rear Output	1
219	223925	**RING, Rear Output Shaft Locating	1
220	209429	**GASKET, Bearing Cap	1
221	4E-07	**LKWSHR, Bearing Cap	4
222	1C-718	**BOLT, Bearing Cap	4
223	1F-432	**COTTER, Flange Nut	1
224	356618	†BUSHING, Case Reducing — 3/4" x 3/8"	1
225	356626	†BUSHING, Case Reducing — 1-1/4" x 1"	1
226	13F-12	†PLUG, Filler	1
227	—	TRANSMISSION CONTROL COVER — (See Index)	—

**Serial Group "B":**

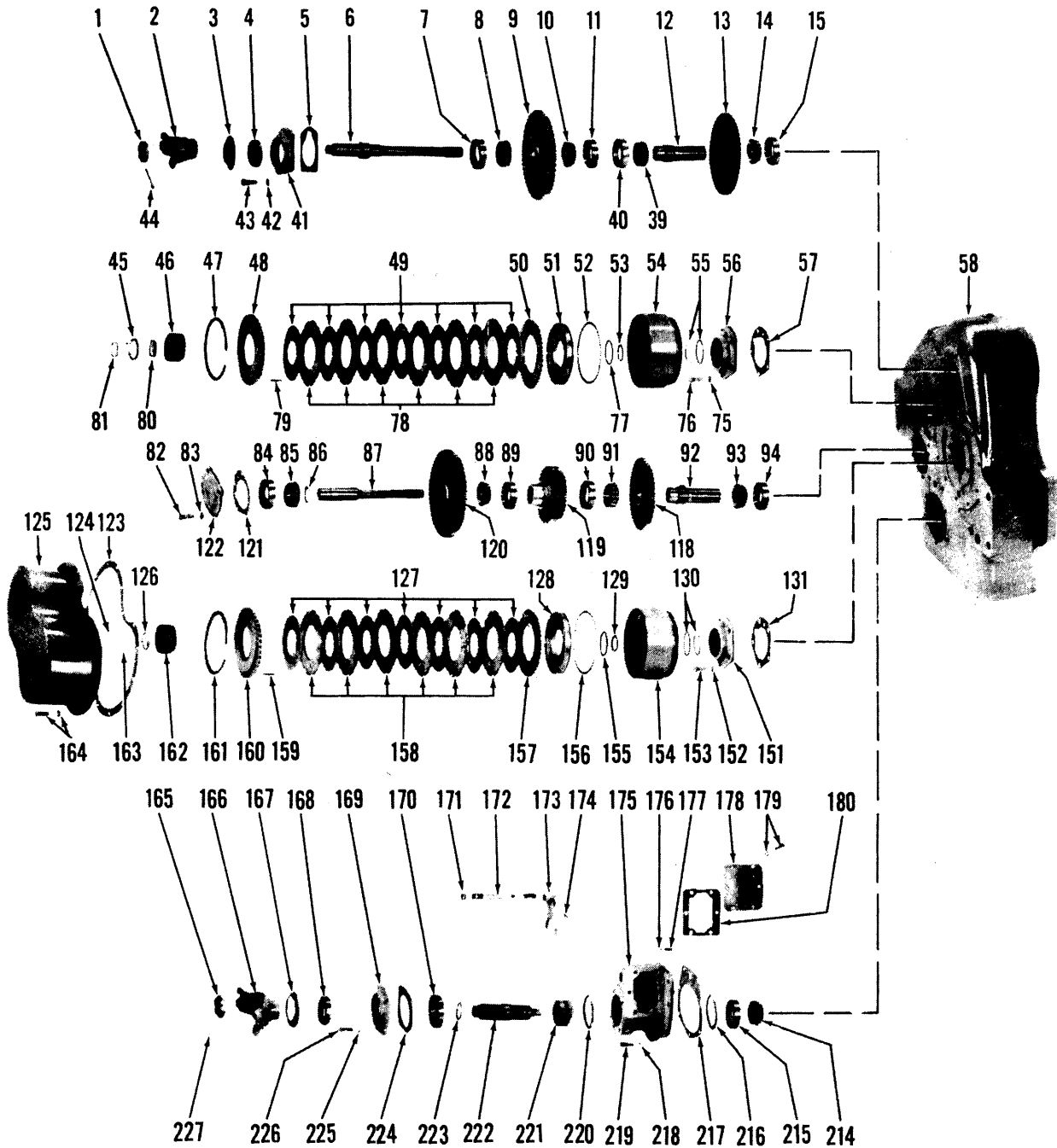
9254, 9268, 9285 thru 9289, 9292 thru 9296, 9298, 9301, 9303, 9305 thru 9312, 9314, 9315, 9317 thru 9321, 9323, 9324, 9325, 9327 thru 9353, 9355 thru 9358, 9360, 9363 thru 9376, 9378 thru 9396, 9398 thru 9416, 9418 thru 9493, 9495 thru 9520, 9523, 9525 thru 12183, 1CA3170 and thereafter and 1CB83 and thereafter

\*NOTE: Output Shaft Parts listed above are for Model 75A only — Refer to page 45 & 46 for Output Shaft Parts for Model 75B & R.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

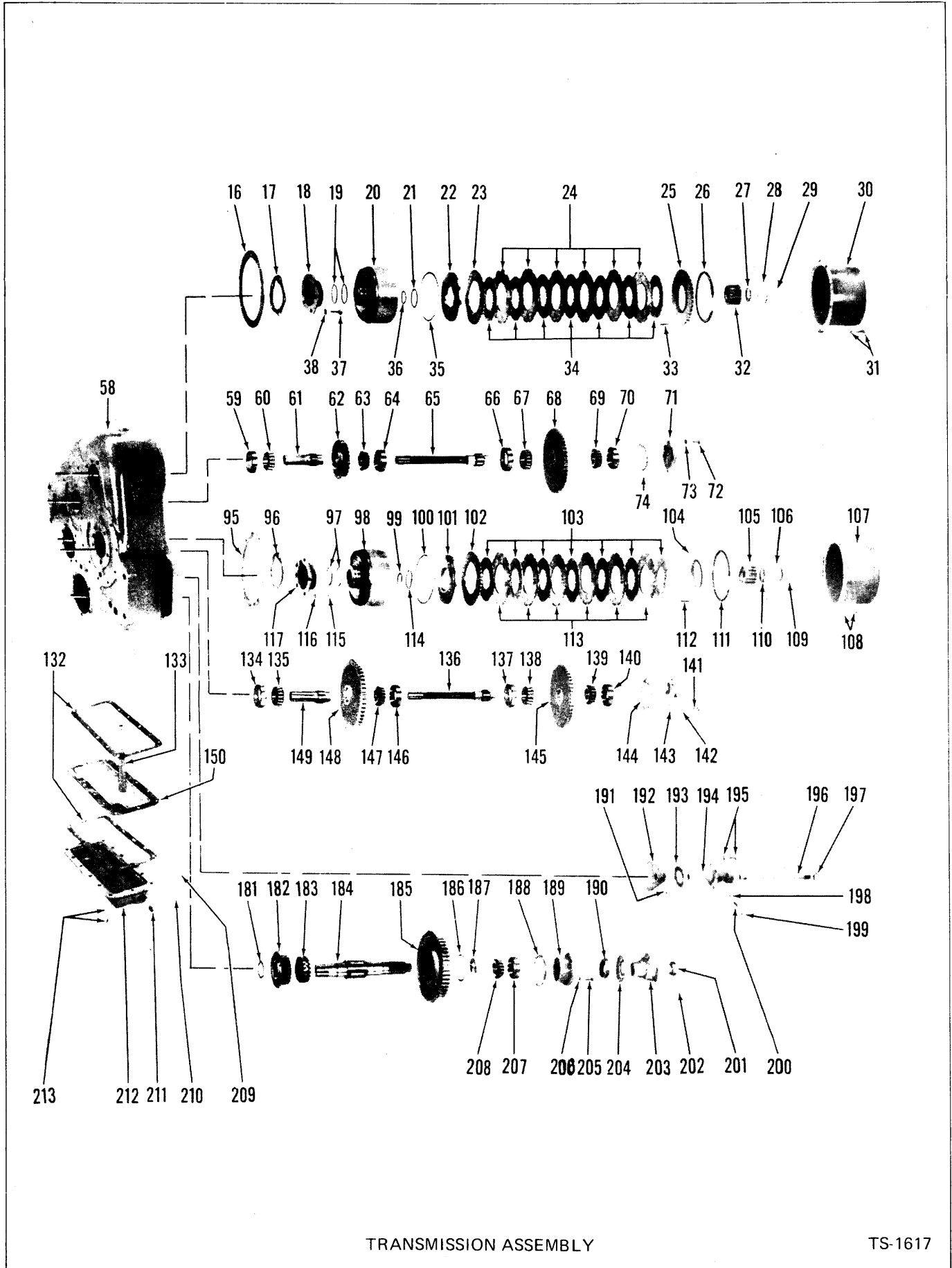






TRANSMISSION ASSEMBLY

TS-1617



TRANSMISSION ASSEMBLY

TS-1617

**TRANSMISSION ASSEMBLY**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	281740	TRANSMISSION ASSY — (R-300FS-5) (Inc. 1 thru 234)	1	41	209339	CAP, Input Shaft Bearing	1
1	201951	NUT, Input Flange	1	42	6E-07	LKWSHR, Bearing Cap	4
2	209343	FLANGE ASSY, Input (Inc. 3)	1	43	226862	STUD, Bearing Cap	4
3	100949	DEFLECTOR, Input Flange	1	43A	62D-07	†NUT, Bearing Cap	4
4	206864	SEAL, Input Shaft Oil	1	44	1F-424	COTTER, Flange Nut	1
5	209340	‡SHIM, Bearing Cap — .004"	—	45	223867	RING, Hub Washer Locating	1
5A	209341	‡SHIM, Bearing Cap — .007"	—	46	220398	HUB, Clutch Disc	1
5B	209342	‡SHIM, Bearing Cap — .010"	—	47	223942	RING, End Plate Retaining	1
6	220390	SHAFT, Input	1	48	208760	PLATE, Clutch Disc End	1
7	675544	CUP, Input Shaft Bearing	1	49	216677	DISC, Clutch Inner	7
8	675547	CONE, Input Shaft Bearing	1	50	221998	DISC, Clutch Outer	1
9	209377	GEAR, Input Shaft Reverse (45T)	1	51	221996	PISTON, Clutch	1
10	675547	CONE, Input Shaft Bearing	1	52	208776	RING, Piston Outer Sealing	1
11	675544	CUP, Input Shaft Bearing	1	53	224106	RING, Drum Hub Retaining	1
11A	223881	†RING, Bearing Locating	1	54	222409	DRUM ASSY, Clutch (Inc. 54A, 54B)	1
12	220389	SHAFT, Forward Gear Quill	1	54A	222407	†HOUSING, Bleed Valve	1
13	209369	GEAR, Input Shaft Forward (43T)	1	54B	10J-06	†BALL, Bleed Valve	1
14	731321	CONE, Quill Shaft Bearing	1	55	209387	RING, Drum Hub Sealing	2
15	731319	CUP, Quill Shaft Bearing	1	56	220469	CAP, Clutch Bearing	1
16	221401	GASKET, Clutch Cover	1	57	220471	‡SHIM, Bearing Cap — .004"	—
17	220471	‡SHIM, Bearing Cap — .004"	—	57A	220472	‡SHIM, Bearing Cap — .007"	—
17A	220472	‡SHIM, Bearing Cap — .007"	—	57B	220473	‡SHIM, Bearing Cap — .010"	—
17B	220473	‡SHIM, Bearing Cap — .010"	—	57C	221209	‡SHIM, Bearing Cap — .020"	—
17C	221209	‡SHIM, Bearing Cap — .020"	—	58	220934	CASE ASSY, Transmission	1
18	220469	CAP, Clutch Bearing	1	59	731319	CUP, Quill Shaft Bearing	1
19	209387	RING, Clutch Drum Sealing	2	60	731321	CONE, Quill Shaft Bearing	1
20	222409	DRUM ASSY, Clutch (Inc. 20A, 20B)	1	61	220389	SHAFT, 1st & 3rd Quill	1
20A	222407	†HOUSING, Bleed Valve	1	62	209374	GEAR, 1st & 3rd Drive (29T)	1
20B	10J-06	†BALL, Bleed Valve	1	63	675548	CONE, Quill Shaft Bearing	1
21	208777	RING, Piston Inner Sealing	1	64	675544	CUP, Quill Shaft Bearing	1
22	221996	PISTON, Clutch	1	64A	223881	†RING, Bearing Locating	1
23	221998	DISC, Clutch Outer	1	65	220388	SHAFT, 1st & 3rd Drive	1
24	208773	DISC, Clutch Outer	6	66	675544	CUP, Drive Shaft Bearing	1
25	208760	PLATE, Clutch Disc End	1	66A	223881	†RING, Bearing Locating	1
26	223942	RING, End Plate Retaining	1	67	675547	CONE, Drive Shaft Bearing	1
27	220468	WASHER, Disc Hub Retaining	1	68	209375	GEAR, 1st & 3rd Drop (44T)	1
28	223867	RING, Hub Washer Locating	1	69	675547	CONE, Drive Shaft Bearing	1
29	224047	RING, Hub Washer Retaining	1	70	675544	CUP, Drive Shaft Bearing	1
30	220391	COVER, Clutch	1	71	209364	CAP, Drive Shaft Bearing	1
31	21C-612	BOLT, Clutch Cover	10	72	226862	STUD, Bearing Cap	4
32	220398	HUB, Clutch Disc	1	72A	62D-07	†NUT, Bearing Cap	4
33	220186	SPRING, Clutch Disc Release	10	73	4E-07	LKWSHR, Bearing Cap	4
34	216677	DISC, Clutch Inner	7	74	209365	‡SHIM, Bearing Cap — .004"	—
35	208776	RING, Piston Outer Sealing	1	74A	209366	‡SHIM, Bearing Cap — .007"	—
36	224106	RING, Drum Hub Retaining	1	74B	209367	‡SHIM, Bearing Cap — .010"	—
37	1C-718	BOLT, Bearing Cap	4	75	4E-07	LKWSHR, Bearing Cap	4
38	4E-07	LKWSHR, Bearing Cap	4	76	1C-718	BOLT, Bearing Cap	4
39	675548	CONE, Quill Shaft Bearing	1	77	208777	RING, Piston Inner Sealing	1
40	675544	CUP, Quill Shaft Bearing	1	78	208773	DISC, Clutch Outer	6
40A	223881	†RING, Bearing Locating	1	79	220186	SPRING, Clutch Disc Release	10
				80	220468	WASHER, Disc Hub Retaining	1

‡As Required  
†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**TRANSMISSION ASSEMBLY (Continued)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
81	224047	RING, Hub Washer Retaining	1	121	220513	‡SHIM, Bearing Cap — .004"	—
82	226862	STUD, Bearing Cap	5	121A	220514	‡SHIM, Bearing Cap — .007"	—
82A	62D-07	†NUT, Bearing Cap	5	121B	220515	‡SHIM, Bearing Cap — .010"	—
83	4E-07	LKWSHR, Bearing Cap	5	122	220508	CAP, Drive Shaft Bearing	1
84	731336	CUP, Drive Shaft Bearing	1	123	209370	GASKET, Clutch Cover	1
85	711124	CONE, Drive Shaft Bearing	1	124	224047	RING, Hub Washer Retaining	1
86	224031	RING, High Gear Locating	1	125	220386	COVER, Clutch	1
87	220393	SHAFT, 2nd & 4th Drive	1	126	220468	WASHER, Disc Hub Retaining	1
88	654875	CONE, Drive Shaft Bearing	1	127	216677	DISC, Clutch Inner	7
89	731336	CUP, Drive Shaft Bearing	1	128	221996	PISTON, Clutch	1
89A	223951	†RING, Bearing Locating	1	129	224106	RING, Clutch Drum Hub Retaining	1
90	675544	CUP, Quill Shaft Tapered Bearing	1	130	209387	RING, Drum Hub Sealing	2
91	675548	CONE, Quill Shaft Tapered Bearing	1	131	220471	‡SHIM, Bearing Cap — .004"	—
92	220389	SHAFT, 2nd & 4th Quill	1	131A	220472	‡SHIM, Bearing Cap — .007"	—
93	731321	CONE, Quill Shaft Tapered Bearing	1	131B	220473	‡SHIM, Bearing Cap — .010"	—
94	731319	CUP, Quill Shaft Tapered Bearing	1	131C	221209	‡SHIM, Bearing Cap — .020"	—
95	221401	GASKET, Clutch Cover	1	132	209353	GASKET, Oil Pan	2
96	220471	‡SHIM, Bearing Cap — .004"	—	133	220673	PIPE, Oil Suction	1
96A	220472	‡SHIM, Bearing Cap — .007"	—	134	731319	CUP, Quill Shaft Bearing	1
96B	220473	‡SHIM, Bearing Cap — .010"	—	135	731321	CONE, Quill Shaft Bearing	1
96C	221209	‡SHIM, Bearing Cap — .020"	—	136	220388	SHAFT, Reverse Drive	1
97	209387	RING, Drum Hub Sealing	2	137	675544	CUP, Drive Shaft Bearing	1
98	222409	DRUM ASSY, Clutch (Inc. 98A, 98B)	1	137A	223881	†RING, Bearing Locating	1
98A	222407	†HOUSING, Bleed Valve	1	138	675547	CONE, Drive Shaft Bearing	1
98B	10J-06	†BALL, Bleed Valve	1	139	675547	CONE, Drive Shaft Bearing	1
99	224106	RING, Drum Hub Retaining	1	140	675544	CUP, Drive Shaft Bearing	1
100	208776	RING, Piston Outer Sealing	1	141	226862	STUD, Bearing Cap	4
101	221996	PISTON, Clutch	1	141A	62D-07	†NUT, Bearing Cap	4
102	221998	DISC, Clutch Outer	1	142	4E-07	LKWSHR, Bearing Cap	4
103	216677	DISC, Clutch Inner	7	143	209364	CAP, Reverse Shaft Bearing	1
104	208760	PLATE, Clutch Disc End	1	144	209365	†SHIM, Bearing Cap — .004"	—
105	220398	HUB, Clutch Disc	1	144A	209366	‡SHIM, Bearing Cap — .007"	—
106	223867	RING, Hub Washer Locating	1	144B	209367	‡SHIM, Bearing Cap — .010"	—
107	220391	COVER, Clutch	1	145	209372	GEAR, Reverse Idler (52T)	1
108	21C-612	BOLT, Clutch Cover	10	146	675544	CUP, Drive Shaft Bearing	1
109	224047	RING, Hub Washer Retaining	1	146A	223881	†RING, Bearing Locating	1
110	220468	WASHER, Disc Hub Retaining	1	147	675548	CONE, Drive Shaft Bearing	1
111	223942	RING, End Plate Retaining	1	148	209371	GEAR, Reverse Shaft Drive (54T)	1
112	220186	SPRING, Clutch Disc Release	10	149	220389	SHAFT, Drive Gear Quill	1
113	208773	DISC, Clutch Outer	6	150	220669	SCREEN, Oil	1
114	208777	RING, Piston Inner Sealing	1	151	220469	CAP, Clutch Bearing	1
115	1C-718	BOLT, Bearing Cap	4	152	4E-07	LKWSHR, Bearing Cap	4
116	4E-07	LKWSHR, Bearing Cap	4	153	1C-718	BOLT, Bearing Cap	4
117	220469	CAP, Clutch Bearing	1	154	222409	DRUM ASSY, Clutch (Inc. 154A, 154B)	1
118	209369	GEAR, 2nd & 4th Drive (43T)	1	154A	222407	†HOUSING, Bleed Valve	1
119	220395	GEAR, 2nd & 4th Low (32T)	1	154B	10J-06	†BALL, Bleed Valve	1
120	220394	GEAR, 2nd & 4th High (57T)	1				

‡As Required  
†Not Illustrated

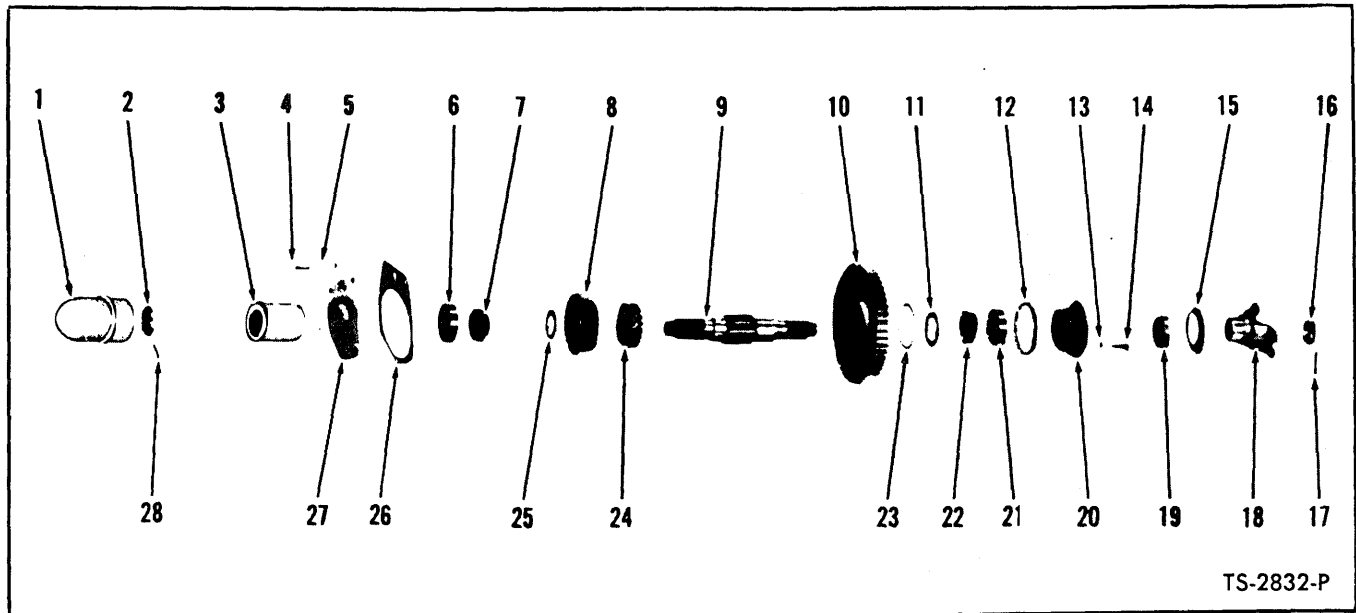
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

**TRANSMISSION ASSEMBLY (Continued)**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
155	208777	RING, Piston Inner Sealing .....	1	194	209405	SUPPORT, High & Low Shift Shaft .....	1
156	208776	RING, Piston Outer Sealing .....	1	195	5C-616	BOLT & LKWSHR, Shift Shaft Support .....	4
157	221998	DISC, Clutch Outer .....	1	196	209404	SHAFT, High & Low Shift .....	1
158	208773	DISC, Clutch Outer .....	6	197	208871	SEAL, Shift Shaft Support Oil .....	1
159	220186	SPRING, Clutch Disc Release .....	10	198	10J-12	BALL, Mesh Lock .....	1
160	208760	PLATE, Clutch Disc End .....	1	199	40K-04	PLUG, Mesh Lock .....	1
161	223942	RING, End Plate Retaining .....	1	200	201844	SPRING, Mesh Lock .....	1
162	220398	HUB, Clutch Disc .....	1	201	205928	NUT, Output Shaft Flange .....	1
163	223867	RING, Hub Washer Locating .....	1	202	1F-432	COTTER, Flange Nut .....	1
164	21C-612	BOLT, Clutch Cover .....	16	203	209414	FLANGE ASSY, Output (Inc. 204) .....	1
165	205928	NUT, Output Flange .....	1	204	100949	DEFLECTOR, Output Flange .....	1
166	209414	FLANGE ASSY, Output (Inc. 167) .....	1	205	226862	STUD, Front Bearing Cap .....	4
167	100949	DEFLECTOR, Output Flange .....	1	205A	62D-07	†NUT, Front Bearing Cap .....	4
168	206864	SEAL, Bearing Cap Oil .....	1	206	4E-07	LKWSHR, Front Bearing Cap .....	4
169	209428	CAP, Rear Output Shaft Bearing .....	1	207	675544	CUP, Output Shaft Bearing .....	1
170	713997	BEARING, Rear Output Shaft .....	1	208	675548	CONE, Output Shaft Bearing .....	1
171	209435	SEAL, Shift Shaft Oil .....	1	209	525293	MAGNET, Oil Screen .....	1
172	209434	SHAFT, Rear Output Shaft Shift .....	1	210	223780	SPRING, Magnet Retaining .....	1
173	209433	FORK, Rear Output Shaft Shift .....	1	211	13F-12	PLUG, Drain .....	1
174	201566	SCREW, Shift Fork Lock .....	1	212	215644	PAN, Oil .....	1
175	209430	HOUSING, Rear Output Shaft .....	1	213	5C-616	BOLT & LKWSHR, Oil Pan .....	14
176	10J-12	BALL, Mesh Lock .....	1	214	675548	CONE, Output Shaft Bearing .....	1
177	201844	SPRING, Mesh Lock .....	1	215	675544	CUP, Output Shaft Bearing .....	1
178	209431	PLATE, Rear Housing Cover .....	1	216	223881	RING, Bearing Retaining .....	1
179	5C-612	BOLT & LKWSHR, Cover Plate .....	6	217	209411	SHIM, Output Shaft Housing .....	1
180	209432	GASKET, Cover Plate .....	1	218	4E-07	LKWSHR, Housing to Case .....	7
181	209407	WASHER, Output Shaft Gear Thrust .....	1	219	226862	STUD, Housing to Case .....	7
182	209396	GEAR ASSY, Output Shaft High (Inc. Bushing) (29T) .....	1	219A	62D-07	†NUT, Housing to Case .....	7
183	209409	HUB, High & Low Shift .....	1	220	224069	RING, Bearing Retaining .....	1
184	209423	SHAFT ASSY, Output (Inc. 184A) .....	1	221	209427	HUB, Rear Output Shaft Shift .....	1
184A	225408	†BUSHING, Output Shaft .....	1	222	209426	SHAFT, Rear Output .....	1
185	800656	GEAR ASSY, Output Shaft Low (Inc. Bushing) (Inc. 186) (55T) .....	1	223	223925	RING, Bearing Locating .....	1
186	209673	RING, Low Gear Oil .....	1	224	209429	GASKET, Rear Bearing Cap .....	1
187	209407	WASHER, Output Shaft Gear Thrust .....	1	225	6E-07	LKWSHR, Rear Bearing Cap .....	4
188	209701	‡SHIM, Front Bearing Cap — .004" .....	—	226	226862	STUD, Rear Bearing Cap .....	4
188A	209702	‡SHIM, Front Bearing Cap — .007" .....	—	226A	62D-07	†NUT, Rear Bearing Cap .....	4
188B	209703	‡SHIM, Front Bearing Cap — .010" .....	—	227	1F-432	COTTER, Flange Nut .....	1
189	209692	CAP, Output Shaft Front Bearing .....	1	228	13F-12	†PLUG, Filler & Breather Hole .....	2
190	206864	SEAL, Bearing Cap Oil .....	1	229	16F-08	†PLUG, Transmission .....	1
191	201566	SCREW, Shift Fork Lock .....	1	230	19F-16	†BUSHING, Reducing .....	1
192	209403	FORK, High & Low Shift .....	1	231	550803	†LEVER, Control Valve .....	2
193	209406	GASKET, Shift Shaft Support .....	1	232	4E-04	†LKWSHR, Control Lever .....	2
				233	2C-424	†BOLT, Control Lever .....	2
				234	62D-04	†NUT, Control Lever .....	2

†Not Illustrated  
‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



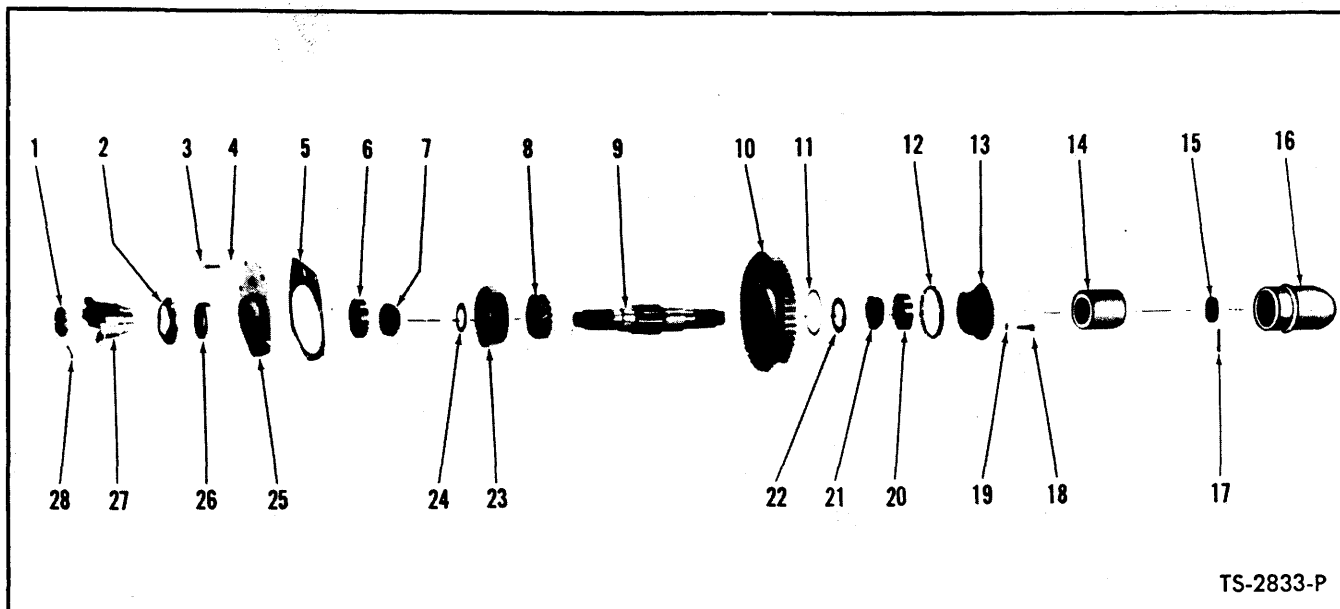
TS-2832-P

**TRANSMISSION OUTPUT SHAFT — MODEL 75B**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		TRANSMISSION ASSY (Same as 75A Transmission with the exception of Output Shaft Parts listed below)		12A	209702	‡SHIM, Bearing Cap —.007"	—
B	280072	*(T-75B-1) For Serial 6123 thru 6163	1	12B	209703	‡SHIM, Bearing Cap —.010"	—
C	280404	(T-75B-2) For Serial 6164 thru 6270	1	13	4E-07	LKWSHR, Bearing Cap	4
		<b>*NOTE: For complete replacement of 280072 use 280404</b>		14	1C-718	BOLT, Bearing Cap	4
1	209412	CAP, Output Shaft Oil	1	15	100949	DEFLECTOR, Output Flange	1
2	205928	NUT, Output Shaft	1	16	205928	NUT, Output Flange	1
3	209413	SPACER, Output Shaft Bearing	1	17	1F-432	COTTER, Flange Nut	1
4	1C-720	BOLT, Bearing Retainer	7	18	209414	FLANGE ASSY, Output (Inc. 15)	1
5	4E-07	LKWSHR, Bearing Retainer	7	19	206864	SEAL, Output Shaft Oil	1
6	675544	CUP, Output Shaft Bearing	1	20	209692	CAP, Output Shaft Bearing	1
7	675548	CONE, Output Shaft Bearing	1	21	675544	CUP, Output Shaft Bearing	1
8	209396	GEAR, Output Shaft High (Inc. Bushing) (29T)	1	22	675548	CONE, Output Shaft Bearing	1
9	209408	SHAFT, Output	1	23	209673	RING, Low Gear Oil	1
10	800656	GEAR, Output Shaft Low (Inc. Bushing & 23) (55T)	1	24	209409	HUB, Output Shaft Hi & Low Shift	1
11	209407	WASHER, Low Gear Thrust	1	25	209407	WASHER, High Gear Thrust	1
12	209701	‡SHIM, Bearing Cap —.004"	—	26	209411	SHIM, Bearing Retainer	1
				27	209410	RETAINER, Output Shaft Bearing	1
				28	1F-432	COTTER, Output Shaft Nut	1

‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**TRANSMISSION OUTPUT SHAFT — MODEL 75R**

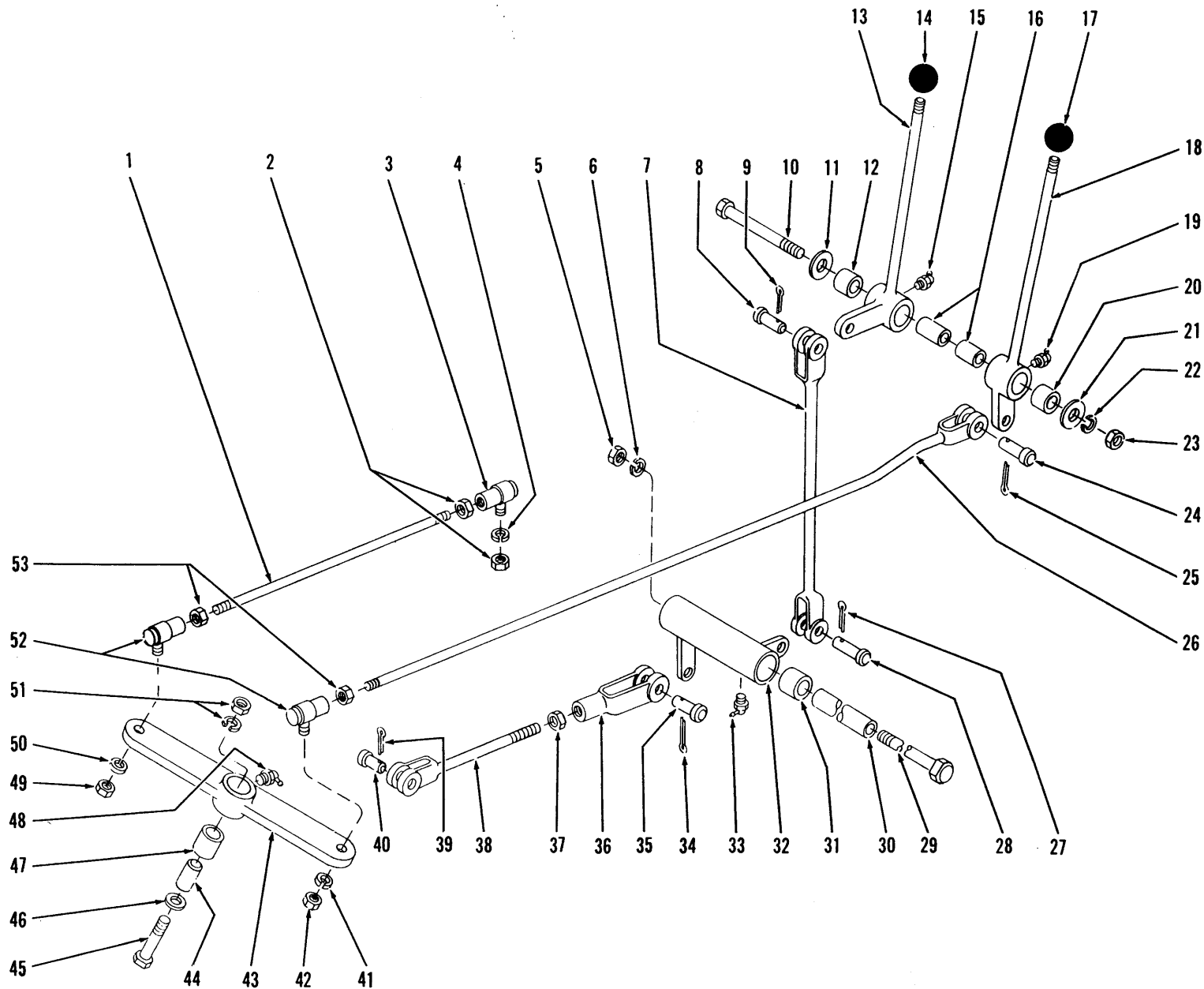
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A		TRANSMISSION ASSY (Same as 75A Transmission with the exception of Output Shaft Parts listed below)		12A	209702	‡SHIM, Bearing Cap —.007"	—
B	280073	*(T-75R-1) For Serial 7123 thru 7145	1	12B	209703	‡SHIM, Bearing Cap —.010"	—
C	280408	*(T-75R-2) For Serial 7146 thru 7183	1	13	209692	CAP, Output Shaft Bearing	1
		*NOTE: For complete replacement of 280073 or 280408 use 281740		14	209413	SPACER, Output Shaft Bearing	1
1	205928	NUT, Output Shaft	1	15	205928	NUT, Output Shaft	1
2	100949	DEFLECTOR, Output Flange	1	16	209412	CAP, Output Shaft Rear Oil	1
3	1C-720	BOLT, Bearing Retainer	7	17	1F-432	COTTER, Output Shaft Nut	1
4	4E-07	LKWSHR, Bearing Retainer	7	18	1C-718	BOLT, Bearing Cap	4
5	209411	SHIM, Bearing Retainer	1	19	4E-07	LKWSHR, Bearing Cap	4
6	675544	CUP, Output Shaft Bearing	1	20	675544	CUP, Output Shaft Bearing	1
7	675548	CONE, Output Shaft Bearing	1	21	675548	CONE, Output Shaft Bearing	1
8	209409	HUB, Output Shaft Hi & Lo Shift	1	22	209407	WASHER, Low Gear Thrust	1
9	209408	SHAFT, Output	1	23	209396	GEAR, Output Shaft High (Inc. Bushing) (29T)	1
10	800656	GEAR, Output Shaft Low (Inc. Bushing & 11) (55T)	1	24	209407	WASHER, High Gear Thrust	1
11	209673	RING, Low Gear Oil	1	25	209410	RETAINER, Output Shaft Bearing	1
12	209701	‡SHIM, Bearing Cap —.004"	—	26	206864	SEAL, Output Shaft Oil	1
				27	209414	FLANGE ASSY (Inc. 2)	1
				28	1F-432	COTTER, Output Flange Nut	1

‡As Required

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**







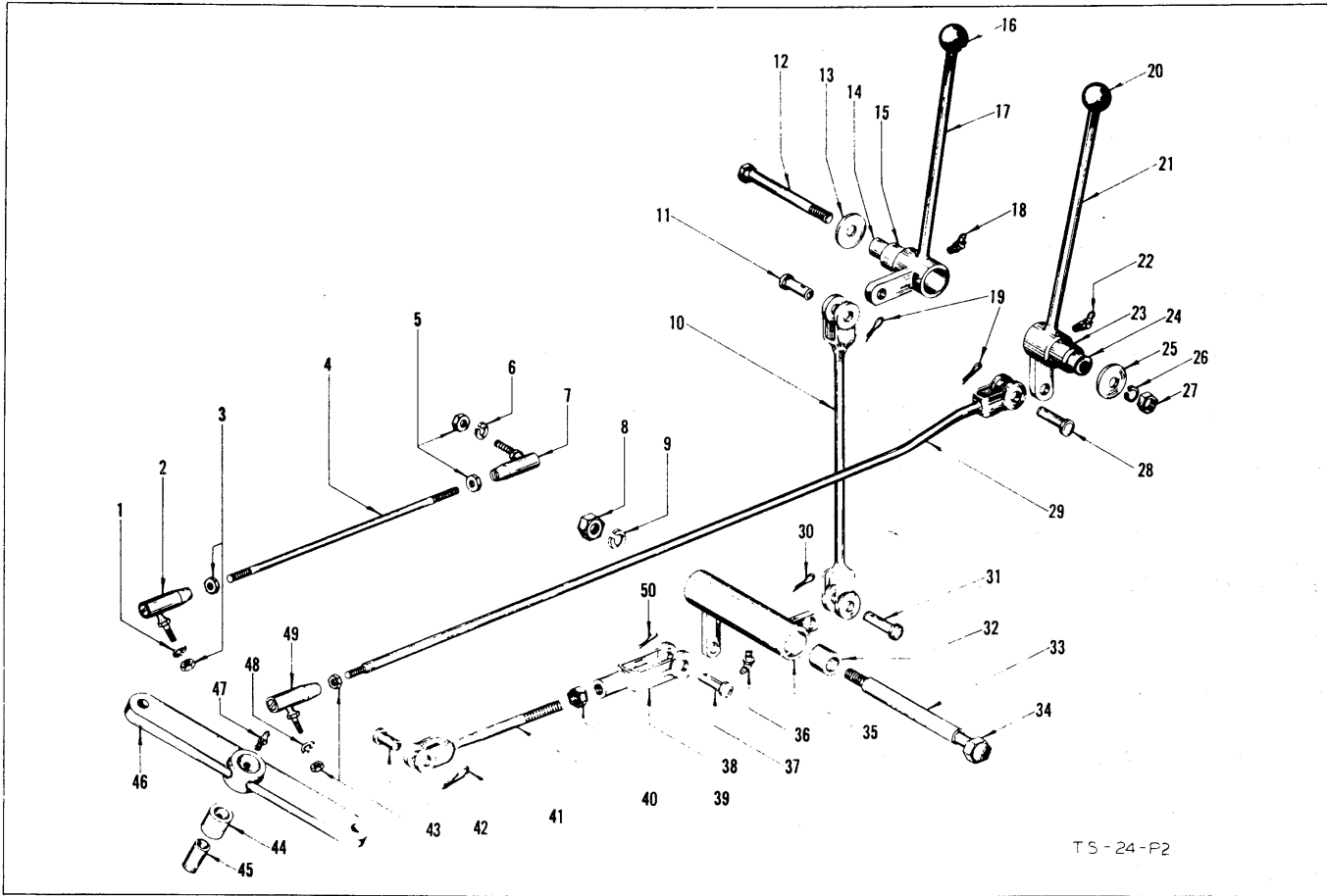
TRANSMISSION CONTROLS — MODEL 75A

TS-2613-P

**TRANSMISSION CONTROLS — MODEL 75A****Work and Travel, Two and Four Wheel Drive**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550691	ROD, Bell Crank to Transmission.....	1	28	4F-08127	PIN, Rod to Bell Crank .....	1
2	8D-06	NUT, Ball Joint .....	2	29	14C-10144	BOLT, Bell Crank Attaching .....	1
3	519793	BALL JOINT, Rod to Transmission.....	1	30	551496	SLEEVE, Bell Crank .....	1
4	4E-06	LKWSHR, Ball Joint .....	1	31	526767	BUSHING, Bell Crank .....	1
5	2D-10	NUT, Bell Crank Attaching .....	1	32	551494	BELL CRANK, Range .....	1
6	4E-10	LKWSHR, Bell Crank Attaching .....	1	33	12H-15	FITTING, Bell Crank Grease .....	1
7	550679	ROD, Range — Lever to Bell Crank....	1	34	1F-414	COTTER, Clevis Pin .....	1
8	4F-08127	PIN, Rod to Lever .....	1	35	4F-08127	PIN, Clevis to Bell Crank .....	1
9	1F-414	COTTER, Clevis Pin .....	1	36	2J-8300	CLEVIS, Rod to Bell Crank .....	1
10	2C-868	BOLT, Lever Attaching .....	1	37	8D-08	NUT, Clevis Jam .....	1
11	616796	WASHER, Lever Attaching .....	1	38	550683	ROD, Bell Crank to Transmission .....	1
12	526767	BUSHING, Lever .....	1	39	1F-310	COTTER, Clevis Pin .....	1
13	BN90012	LEVER, Range Shift.....	1	40	4F-06106	PIN, Rod to Transmission .....	1
14	BN90013	KNOB, Range Lever.....	1	41	4E-06	LKWSHR, Ball Joint .....	1
15	12H-15	FITTING, Range Lever Grease .....	1	42	8D-06	NUT, Ball Joint .....	1
16	550646	SLEEVE, Lever .....	2	43	550689	BELL CRANK, 4WD .....	1
17	BN90013	KNOB, 4WD Lever.....	1	44	550646	SLEEVE, Bell Crank .....	1
18	BN90010	LEVER, Four Wheel Drive Shift.....	1	45	4C-844	BOLT, Bell Crank Attaching .....	1
19	12H-15	FITTING, 4WD Shift Lever .....	1	46	616796	WASHER, Bell Crank Attaching .....	1
20	526767	BUSHING, Lever .....	1	47	526767	BUSHING, Bell Crank .....	1
21	616796	WASHER, Lever Attaching .....	1	48	12H-15	FITTING, Bell Crank Grease .....	1
22	4E-08	LKWSHR, Lever Attaching .....	1	49	8D-06	NUT, Ball Joint .....	1
23	2D-08	NUT, Lever Attaching .....	1	50	4E-06	LKWSHR, Ball Joint .....	1
24	4F-08127	PIN, Rod to Lever .....	1	51	2D-08	NUT, Bell Crank Attaching .....	1
25	1F-414	COTTER, Clevis Pin .....	1	51A	4E-08	LKWSHR, Bell Crank Attaching .....	1
26	550687	ROD, 4WD — Lever to Bell Crank .....	1	52	519793	BALL JOINT .....	2
27	1F-414	COTTER, Clevis Pin .....	1	53	8D-06	NUT, Ball Joint .....	2

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



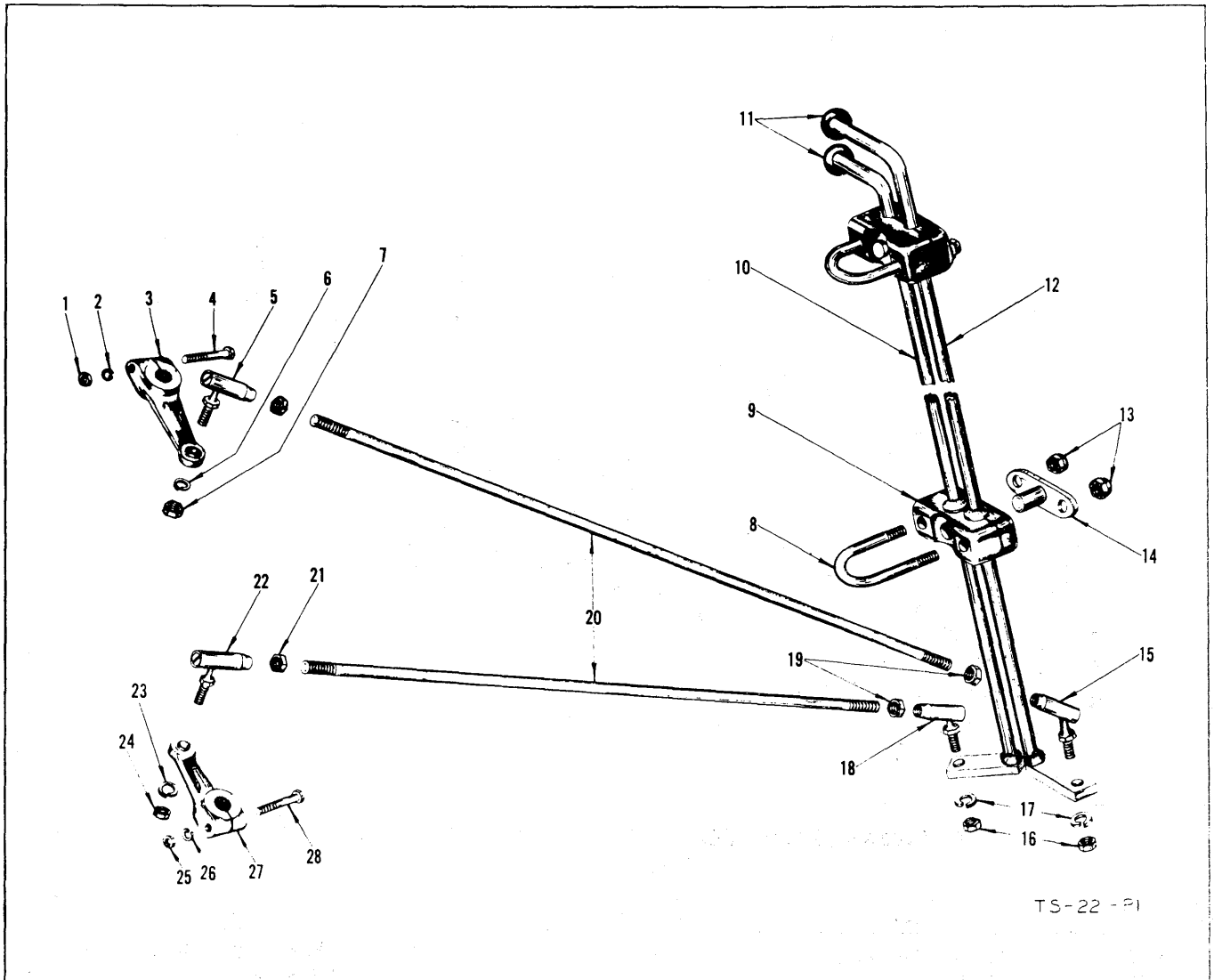
TS-24-P2

**TRANSMISSION CONTROL LEVERS AND LINKAGE  
MODEL 75A**

Item No.	Part No.	Description	No. Req'd.
1	4E-06	Lkwshr, Ball Socket	1
2	519793	Ball Socket	1
3	8D-06	Nut, Ball Socket	2
4	550691	Rod, Crank to Transmission	1
5	8D-06	Nut, Ball Socket	2
6	4E-06	Lkwshr, Ball Socket	1
7	519793	Ball Socket	1
8	2D-10	Nut, Bell Crank Mtg.	1
9	4E-10	Lkwshr, Bell Crank Mtg.	1
10	550679	Shift Rod Assembly	1
11	4F-08127	Pin, Shift Rod to Lever	1
12	2C-868	Bolt, Lever Mtg.	1
13	616796	Washer, Lever Mtg.	1
14	550646	Sleeve, Lever Mtg.	1
15	526767	Bushing, Lever Mtg.	1
16	BN90013	Knob, Range Lever	1
17	BN90012	Range Lever Assembly (Inc. 15)	1
18	12H-15	Fitting, Range Lever Grease	1
19	1F-414	Cotter, Clevis Pin	2
20	BN90013	Knob, 4WD Lever	1
21	BN90010	Lever Assembly, 4WD (Inc. 23)	1
22	12H-15	Fitting, 4WD Lever Grease	1
23	526767	Bushing, Lever Mtg.	1
24	550646	Sleeve, Lever Mtg.	1
25	616796	Washer, Lever Mtg.	1
26	4E-08	Lkwshr, Lever Mtg.	1
27	2D-08	Nut, Lever Mtg.	1

Item No.	Part No.	Description	No. Req'd.
28	4F-08127	Pin, Shift Rod to 4WD Lever Clevis	1
29	550687	Shift Rod Assembly	1
30	1F-414	Cotter, Clevis Pin	1
31	4F-08127	Pin, Shift Rod to Bell Crank Clevis	1
32	526767	Bushing, Bell Crank Mtg.	2
33	551496	Sleeve, Bell Crank Mtg.	1
34	2C-10144	Bolt, Bell Crank Mtg.	1
35	551494	Bell Crank Assembly (Inc. 32)	1
36	12H-15	Fitting, Bell Crank Grease	1
37	4F-08127	Pin, Yoke to Bell Crank Clevis	1
38	4J-8300	Yoke, Shift Rod to Bell Crank	1
39	8D-08	Nut, Yoke Jam	1
40	550683	Shift Rod Assembly	1
41	1F-310	Cotter, Clevis Pin	1
42	4F-06106	Pin, Shift Rod to Crank Clevis	1
43	8D-06	Nut, Ball Socket	2
44	526767	Bushing, Crank Mtg.	1
45	550646	Sleeve, Crank Mtg.	1
46	550689	Crank Assembly (Inc. 44)	1
47	12H-15	Fitting, Crank Grease	1
48	4E-06	Lkwshr, Ball Socket	1
49	519793	Ball Socket	1
50	1F-414	Cotter, Clevis Pin	1
51	4C-844	†Bolt, Crank Mtg.	1
52	2D-08	†Nut, Crank Mtg.	1
53	4E-08	†Lkwshr, Crank Mtg.	1
54	616796	†Washer, Crank Mtg.	1

† — Not Illustrated  
PM 5010

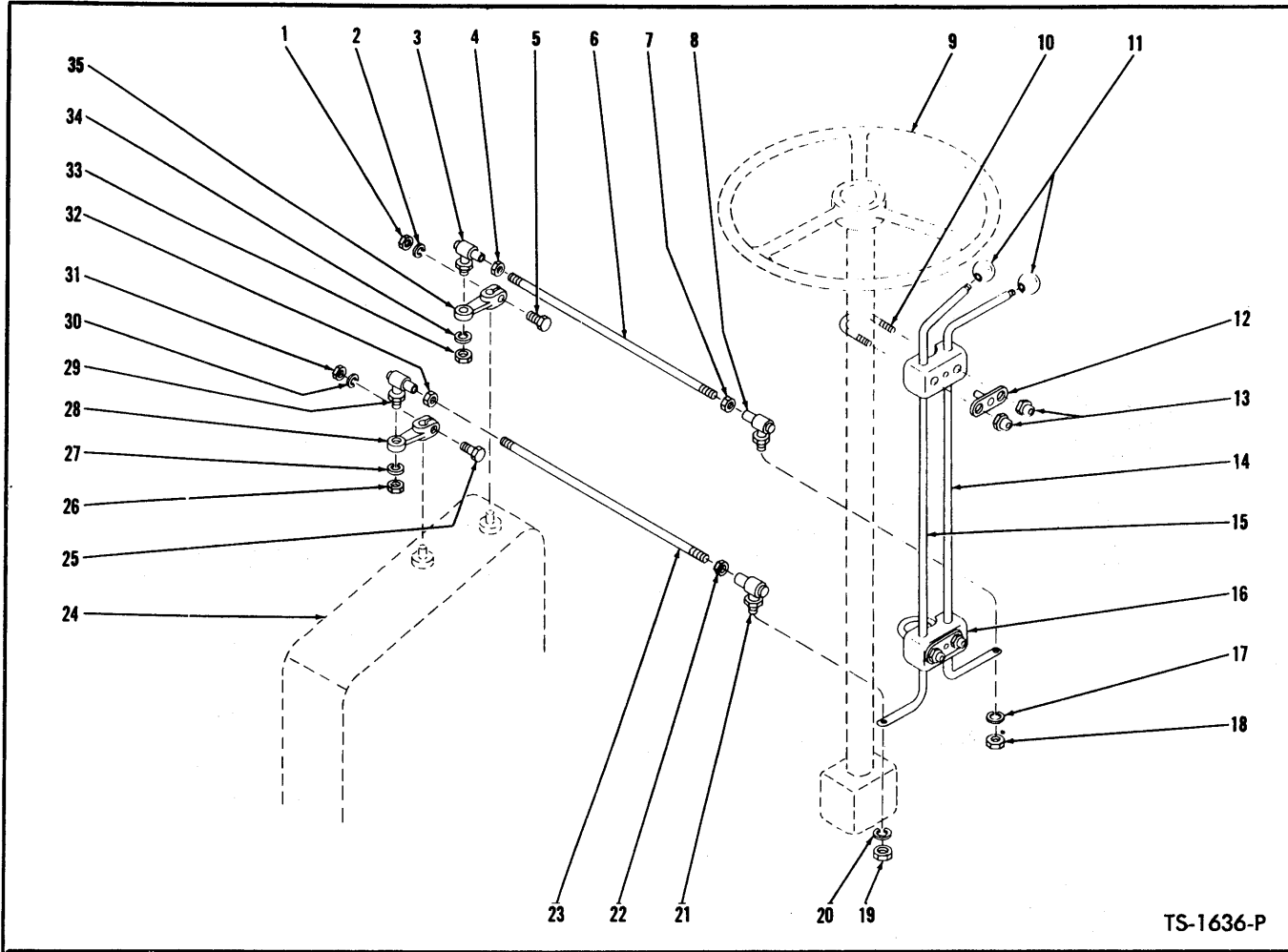


**GEAR SHIFT LEVERS AND LINKAGE**

S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2D-04	Nut, Speed Selector Shift Lever . . . . .	1	15	519793	Ball Socket . . . . .	1
2	4E-04	Lkwshr, Speed Selector Shift Lever . . . . .	1	16	8D-06	Nut, Ball Socket . . . . .	2
3	550803	Lever, Speed Selector Shift . . . . .	1	17	4E-06	Lkwshr, Ball Socket . . . . .	2
4	2C-424	Bolt, Speed Selector Shift Lever . . . . .	1	18	519793	Ball Socket . . . . .	1
5	519793	Ball Socket . . . . .	1	19	8D-06	Nut, Ball Socket . . . . .	2
6	4E-06	Lkwshr, Ball Socket . . . . .	1	20	550674	Rod, Shift . . . . .	2
7	8D-06	Nut, Ball Socket . . . . .	1	21	8D-06	Nut, Ball Socket . . . . .	2
8	550672	U-Bolt, Steering Column . . . . .	2	22	519793	Ball Socket . . . . .	1
9	550129	Support, Shift Levers . . . . .	2	23	4E-06	Lkwshr, Ball Socket . . . . .	1
10	BN90002	High & Low Lever Assembly . . . . .	1	24	8D-06	Nut, Ball Socket . . . . .	1
11	BN90000 & 13 BN90013 & 16	Knob, Levers . . . . .	2	25	2D-04	Nut, Speed Selector Shift Lever . . . . .	1
12	BN90004	Forward & Reverse Lever Assembly . . . . .	1	26	4E-04	Lkwshr, Speed Selector Shift Lever . . . . .	1
13	18D-05	NUT, U-Bolt . . . . .	4	27	550803	Lever, Speed Selector Shift . . . . .	1
14	550669	Plate Assembly, Shift Lever Support . . . . .	2	28	2C-424	Bolt, Speed Selector Shift Lever . . . . .	1

† — Not Illustrated

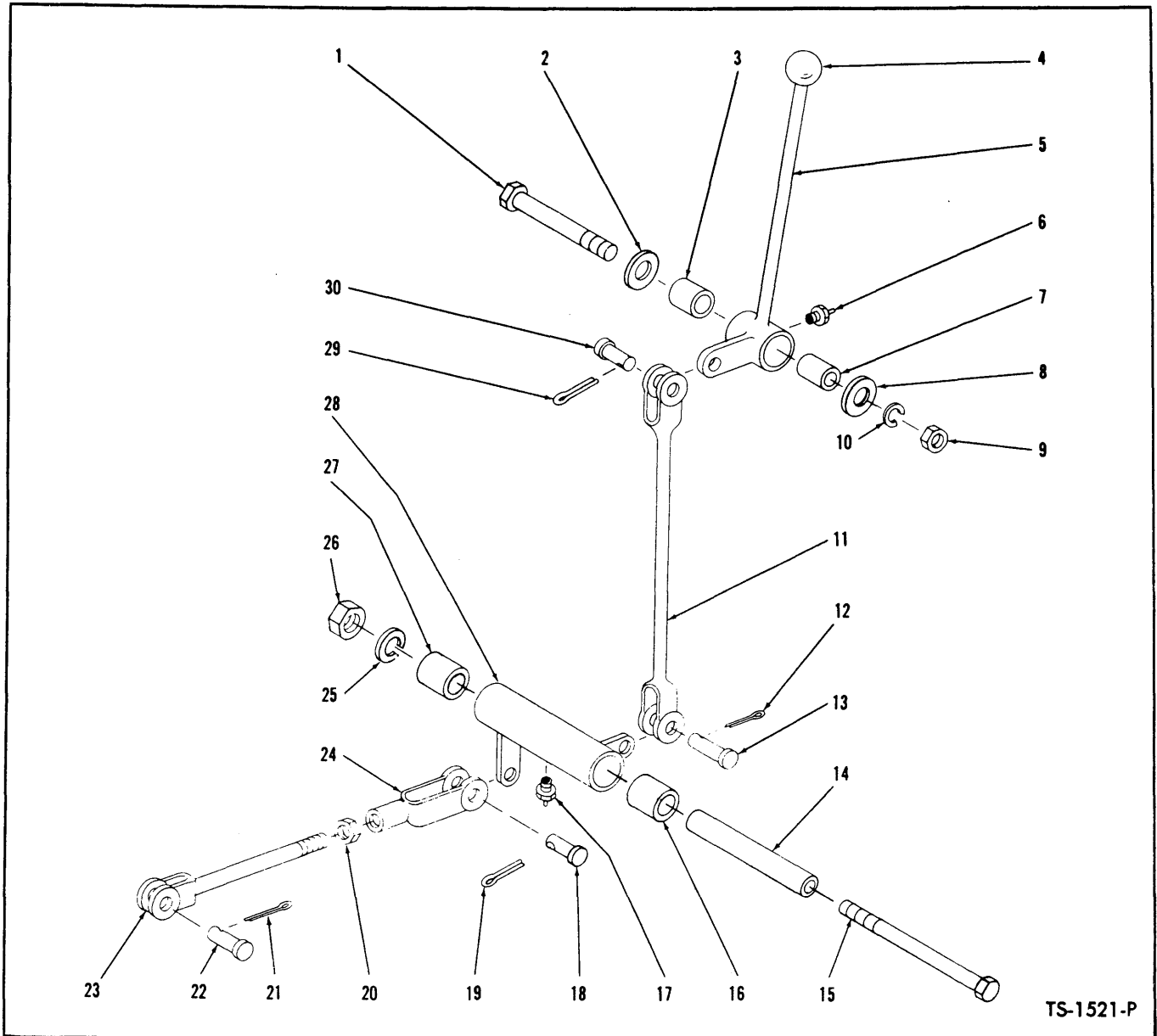


**GEAR SHIFT LEVERS AND LINKAGE**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2D-04	NUT, Lever Clamp .....	1	17	4E-06	LKWSHR, Ball Socket Attaching.....	1
2	4E-04	LKWSHR, Lever Clamp .....	1	18	8D-06	NUT, Ball Socket Attaching .....	1
3	519793	BALL SOCKET .....	1	19	8D-06	NUT, Ball Socket Attaching .....	1
4	8D-06	NUT, Ball Socket Jam .....	1	20	4E-06	LKWSHR, Ball Socket Attaching.....	1
5	2C-424	BOLT, Lever Clamp .....	1	21	519793	BALL SOCKET .....	1
6	550674	ROD, Shift .....	1	22	8D-06	NUT, Ball Socket Jam.....	1
7	8D-06	NUT, Ball Socket Jam .....	1	23	550674	ROD, Shift .....	1
8	519793	BALL SOCKET .....	1	24	-----	TRANSMISSION - (See Index) .....	—
9	-----	STEERING GEAR - (See Index) .....	—	25	2C-424	BOLT, Lever Clamp .....	1
10	550672	U-BOLT, Shift Lever Attaching .....	2	26	8D-06	NUT, Ball Socket Attaching .....	1
11	BN90000	KNOB, Shift Levers .....	2	27	4E-06	LKWSHR, Ball Socket Attaching.....	1
13	18D-05	NUT, U-Bolt .....	4	28	550803	LEVER, Transmission .....	1
14	BN90002	LEVER, High & Low Shift.....	1	29	519793	BALL SOCKET .....	1
15	BN90004	LEVER, Forward & Reverse Shift.....	1	30	4E-04	LKWSHR, Lever Clamp .....	1
16	*SUPPORT, Shift Levers .....	—		31	2D-04	NUT, Lever Clamp .....	1
16A	581978	Male Half .....	2	32	8D-06	NUT, Ball Socket Jam .....	1
16B	581979	Female Half .....	2	33	8D-06	NUT, Ball Socket Attaching .....	1
				34	4E-06	LKWSHR, Ball Socket Attaching .....	1
				35	550803	LEVER, Transmission .....	1

\*NOTE: When 581978 and 581979 Nylon Supports are installed in place of rubber support, 550669 Plate Item 12 is not required.

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

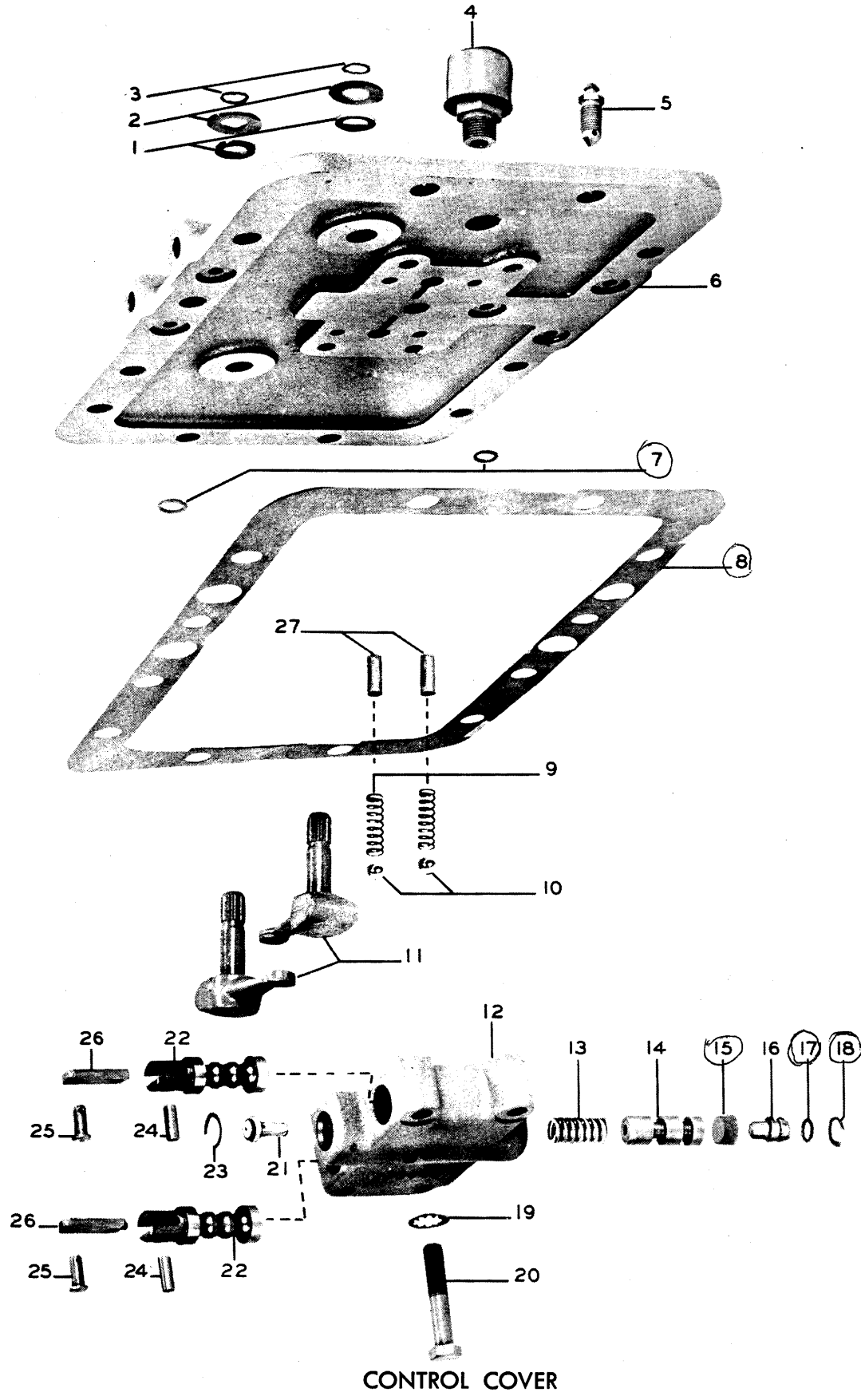


TS-1521-P

**TRANSMISSION CONTROLS — WORK AND TRAVEL — 75B AND 75R**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	2C-844	BOLT, Lever Mounting	1	16	526767	BUSHING, Bell Crank	1
2	616796	WASHER, Lever Mounting	1	17	12H-15	FITTING, Bell Crank Grease	1
3	526767	BUSHING, Shift Lever	1	18	4F-08127	PIN, Clevis	1
4	509772	KNOB, Shift Lever	1	19	1F-414	COTTER, Clevis Pin	1
5	550677	LEVER, Range Shift	1	20	8D-08	NUT, Clevis Jam	1
6	12H-15	FITTING, Lever Grease	1	21	1F-310	COTTER, Clevis Pin	1
7	550646	SLEEVE, Lever Mounting	1	22	4F-06106	PIN, Clevis	1
8	616796	WASHER, Lever Mounting	1	23	550683	ROD, Range Shift — Lower	1
9	2D-08	NUT, Lever Mounting	1	24	2J-8300	CLEVIS, Rod to Bell Crank	1
10	4E-08	LKWSHR, Lever Mounting	1	25	4E-10	LKWSHR, Bell Crank Mounting	1
11	550679	ROD, Range Shift — Upper	1	26	2D-10	NUT, Bell Crank Mounting	1
12	1F-414	COTTER, Clevis Pin	1	27	526767	BUSHING, Bell Crank	1
13	4F-08127	PIN, Clevis	1	28	551494	BELL CRANK	1
14	551496	SLEEVE, Bell Crank Mounting	1	29	1F-414	COTTER, Clevis Pin	1
15	14C-10144	BOLT, Bell Crank Mounting	1	30	4F-08127	PIN, Clevis	1

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



CONTROL COVER

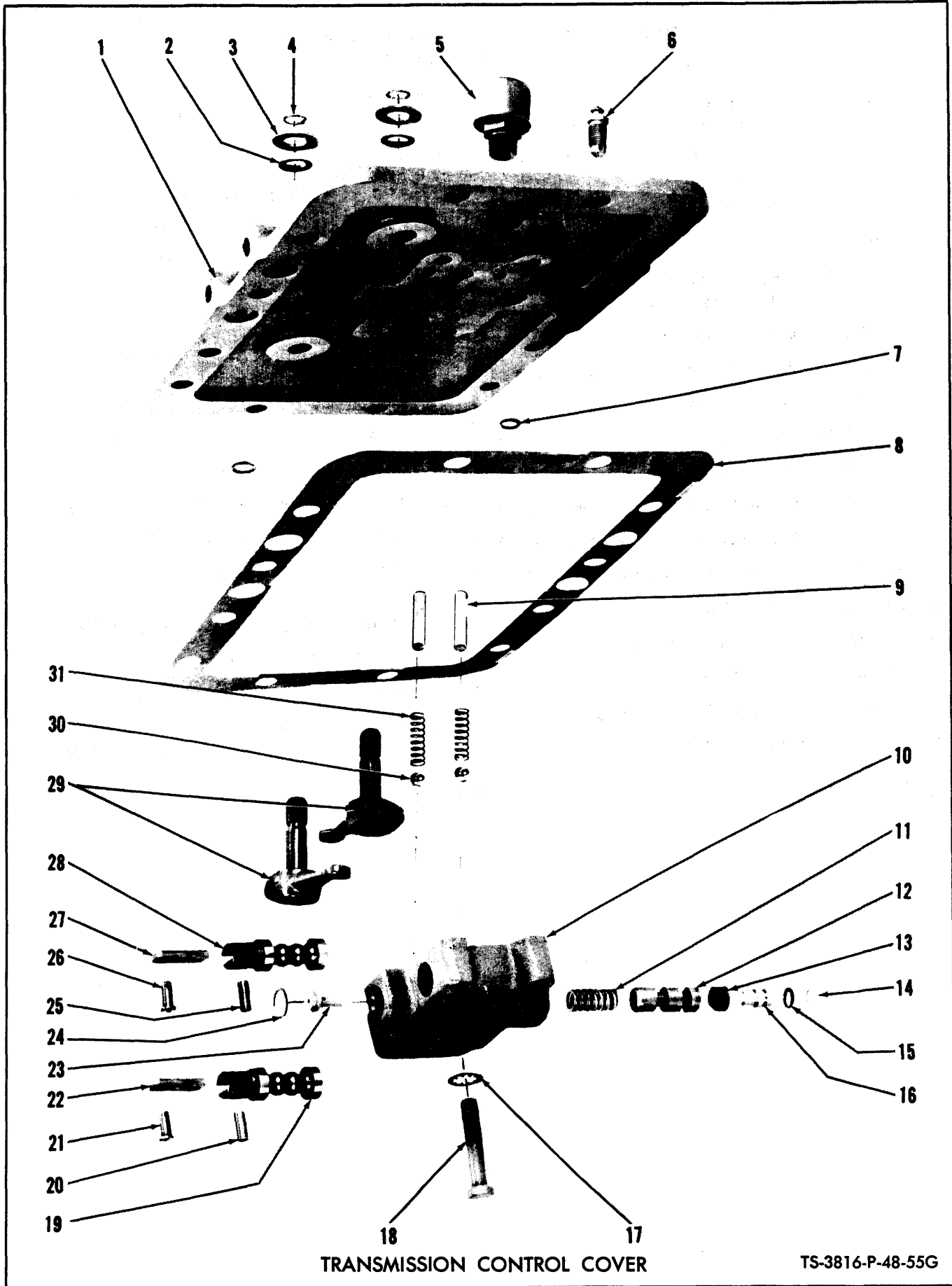
3816-P-48-55G



**TRANSMISSION CONTROL COVER PARTS**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	800657	Control Cover & Valve Assy. (Inc. 1 thru 29) . . . . .	1	17	617337	Seal, Shutoff Valve Stop. . . . .	1
1	208812	Seal, Selector Arm Shaft Oil. . . . .	2	18	SK250-93	Ring, Shutoff Valve Stop Retaining	1
2	619027	Washer, Selector Arm Shaft. . . . .	2	19	6E-06	Lkwsr, Control Valve Bolt. . . . .	4
3	SK251-90	Ring, Selector Arm Shaft Washer Retaining . . . . .	2	20	1C-626	Bolt, Control Valve. . . . .	4
4	104942	Breather Assembly . . . . .	1	21	209894	Guide, Valve Spring. . . . .	1
5	208805	Valve, Bleeder . . . . .	1	22	208807	Selector Valve (See 29). . . . .	2
6	209378	Cover, Control . . . . .	1	23	SK250-93	Ring, Shutoff Valve Spring Retaining . . . . .	1
7	25K-30016	"O" Ring . . . . .	5	24	208809	Pin, Selector Valve Link . . . . .	2
8	209379	Gasket, Control Cover . . . . .	1	25	208810	Pin, Selector Valve Link Clevis . . . . .	2
9	203647	Spring, Selector Valve Detent. . . . .	2	26	209382	Link, Selector Valve. . . . .	2
10	10J-12	Ball, Selector Valve Detent Spring	2	27	209874	Ball Stop, Selector Valve Detent. . . . .	1
11	209690	Selector Arm & Shaft Assy. . . . .	2	28	1F-208	†Cotter, Valve Link Clevis. . . . .	2
12	209380	Housing, Selector Valve . . . . .	1	29	209381	Selector Valve Assy. (Inc. 22, 24, & 26) . . . . .	2
13	220363	Spring, Shutoff Valve. . . . .	1	30	13F-02	†Plug, Control Cover Oil Passage. . . . .	5
14	208815	Valve, Shutoff . . . . .	1	31	1C-718	†Bolt, Control Cover to Case. . . . .	9
15	208820	Cup, Shutoff Valve Sealing. . . . .	1	32	4E-07	†Lkwsr, Control Cover to Case. . . . .	9
16	209878	Stop, Shutoff Valve . . . . .	1	33	800653	Selector Control Valve Assy. (Inc. 12 thru 18, 21 thru 24 & 26).. . . . .	1

† — Not Illustrated



TRANSMISSION CONTROL COVER

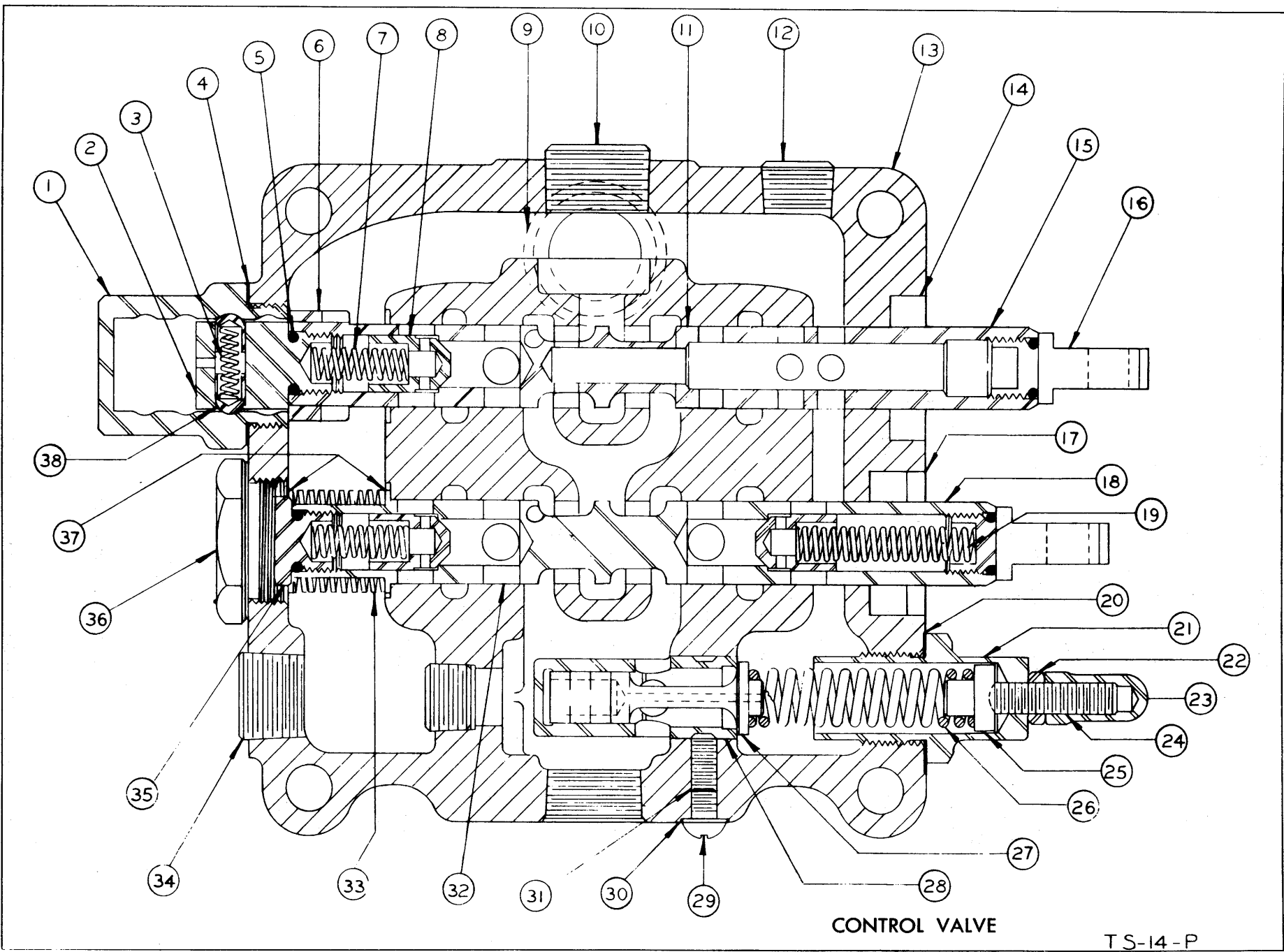
TS-3816-P-48-55G

**TRANSMISSION CONTROL COVER**

Item No.	Part No.	Description	No. Req'd.
A	800657	COVER ASSY, Control (Inc. 1, 2 thru 31)	1
B	220951	VALVE ASSY, Control (Inc. 10 thru 16, 19, 20, 22 thru 25, 27, 28)	1
1	209378	COVER, Control	1
1A	1C-718	†BOLT, Cover to Case	9
1B	4E-07	†LKWSHR, Cover to Case	9
1C	40K-02	†PLUG, Control Cover Oil Passage	5
2	208812	SEAL, Selector Arm Oil	2
3	619027	WASHER, Selector Arm	2
4	40K-02	RING, Selector Arm Washer Retaining <i>(40K-02)</i>	2
5	104942	BREATHER, Control Cover	1
6	208805	VALVE, Control Cover Brake Bleeder	1
7	208782	"O" RING, Control Cover Oil Passage <i>(208782)</i>	5
8	209379	GASKET, Cover to Case	1
9	209874	STOP, Selector Valve Detent Ball	2
10	209380	HOUSING, Control Valve	1
11	220363	SPRING, Shut-Off Valve	1
12	208815	VALVE, Shut-Off	1
13	208820	CUP, Shut-Off Valve Sealing	1
14	SK251-93	RING, Valve Stop Retaining <i>(SK 251-93)</i>	1
15	617337	"O" RING, Shut-Off Valve Stop <i>(617337)</i>	1
16	209878	STOP, Shut-Off Valve	1
17	6E-06	LKWSHR, Valve to Cover	4
18	1C-628	BOLT, Valve to Cover	4
19	208807	VALVE, Selector - (See B)	1
20	208809	PIN, Selector Valve Link	1
21	208810	PIN, Link to Arm	1
21A	1F-208	†COTTER, Clevis Pin	1
22	209382	LINK, Valve to Arm	1
23	209894	GUIDE, Valve Spring	1
24	SK251-93	RING, Spring Retaining <i>(SK 251-93)</i>	1
25	208809	PIN, Selector Valve Link	1
26	208810	PIN, Link to Arm	1
26A	1F-208	†COTTER, Clevis Pin	1
27	209382	LINK, Valve to Arm	1
28	208807	VALVE, Selector - (See B)	1
29	209690	ARM, Selector	2
30	10J-12	BALL, Selector Valve Detent	2
31	203647	SPRING, Selector Valve Detent Ball	2

†Not Illustrated

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



CONTROL VALVE

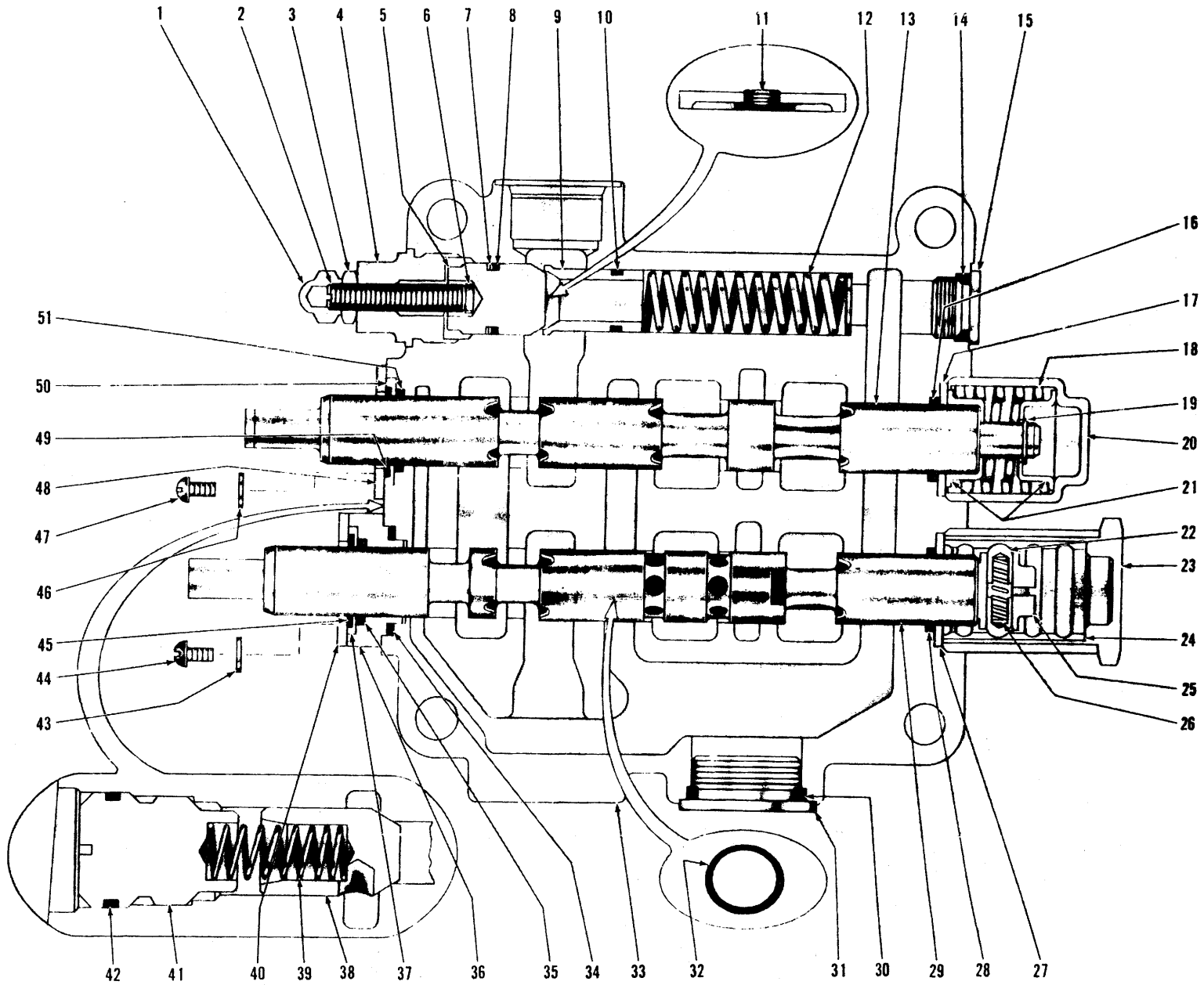
TS-14-P

**CONTROL VALVE ASSEMBLY**  
S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	550282	Control Valve Assembly — Complete .....	1	20	940031	Gasket .....	1
1	940040	Cap, Detent .....	1	21	940025	Cap, Adjustment .....	1
2	940023	Cap, Detent Valve .....	1	22	8D-06	Nut, Jam .....	1
3	940024	Spring, Detent .....	1	23	863045	Nut, Acorn .....	1
4	940041	Gasket .....	2	24	940028	Screw, Adjustment .....	1
5	940061	Seal Ring .....	4	25	940029	Guide, Spring .....	1
6	940062	Spacer, Plunger .....	1	26	940030	Spring .....	1
7	940063	Spring .....	2	27	940032	Plunger, Relief Valve.....	1
8	940064	Plunger, Check Valve.....	3	28	940033	Seat, Relief Valve.....	1
9	25K-40116	Seal Ring .....	1	29	863052	Screw .....	1
10	16F-16	Pipe Plug .....	1	30	863053	Gasket .....	1
11		§Operating Plunger (See A).....	1	31	863051	Screw, Set .....	1
12	16F-08	Pipe Plug .....	2	32		§Operating Plunger (See A).....	1
13		§Housing (See A) .....	1	33	940072	Spring .....	1
14	862092	Seal .....	2	34	16F-12	Pipe Plug .....	1
15		§Operating Plunger Ass'y. — Float	1	35	940073	Cap .....	1
16	940068	Plunger Eye .....	2	36	940039	Cap .....	1
17	940022	Seal Assembly .....	1	37	940074	Washer .....	2
18		§Operating Plunger Ass'y. — D.A. (See A) .....	1	38	940075	Poppet, Detent Plunger.....	2
19	940070	Spring .....	1	39	16F-06	†Pipe Plug .....	1
				40	2C-856	†Bolt, Valve to Reservoir.....	3
				41	4E-08	†Lkwshr, Valve to Reservoir.....	3

§ — Not Sold Separately

† — Not Illustrated



CONTROL VALVE ASSEMBLY

TS-1741-P

**CONTROL VALVE ASSEMBLY — PARKER**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	522962	*VALVE ASSY (Inc. 1 thru 51)	1	27	943904	RETAINER, "O" Ring	1
1	47D-05	NUT, Acorn	1	28	25K-30100	"O" RING, Plunger	1
2	33G-536	SET SCREW, Relief Valve	1	29	-----	§PLUNGER, Boom Cylinder Operating (See "A")	1
3	8D-05	NUT, Jam	1	30	91F-11	"O" RING, Plug	1
4	943912	CAP, Relief Valve	1	31	47K-11	PLUG	1
5	943911	SEAT, Relief Valve Plunger	1	32	25K-60120	"O" RING, Valve to Reservoir	1
6	878246	INSERT, Seat	1	33	-----	§HOUSING, Valve (See "A")	1
7	943741	WASHER, Back-up	1	34	25K-40106	"O" RING	1
8	25K-40024	"O" RING, Seat	1	35	25K-30100	"O" RING, Plunger	1
9	943910	PLUNGER, Relief Valve	1	36	943914	HOUSING, Seal	1
10	943764	RING, Teflon	1	37	943915	RETAINER, "O" Ring	1
11	16F-04	PLUG, Valve	1	38	886686	POPPET, Check Valve	2
12	943909	SPRING, Relief Valve	1	39	943909	SPRING, Check Valve	2
13	-----	§PLUNGER, Bucket Cylinder Operating (See "A")	1	40	943916	PLATE, Wiper Retaining	1
14	91F-7	"O" RING, Plug	1	41	943908	CAP, Check Valve	2
15	47K-7	PLUG	1	42	25K-40026	"O" RING, Check Valve Cap	2
16	25K-30100	"O" RING, Plunger	1	43	4E-06	LKWSHR, Retaining Plate	2
17	943904	RETAINER, "O" Ring	1	44	4G-616	SCREW, Retaining Plate	2
18	943918	SPRING, Plunger	1	45	943740	WIPER, Plunger	1
19	878235	RING, Spring Retaining	1	46	4E-06	LKWSHR, Retaining Plate	2
20	943919	CAP, Plunger End	1	47	4G-610	SCREW, Retaining Plate	2
21	943917	RETAINER, Spring	2	48	943916	PLATE, Wiper Retaining	1
22	944130	POPPET	2	49	943740	WIPER, Plunger	1
23	943902	CAP, Plunger	1	50	943915	RETAINER, "O" Ring	1
24	944129	BARREL, Detent	1	51	25K-30100	"O" RING, Plunger	1
25	944131	RETAINER, Poppet	1	52	2C-860	†BOLT, Valve to Reservoir	3
26	944132	SPRING, Poppet	1	53	4E-08	†LKWSHR, Valve to Reservoir	3

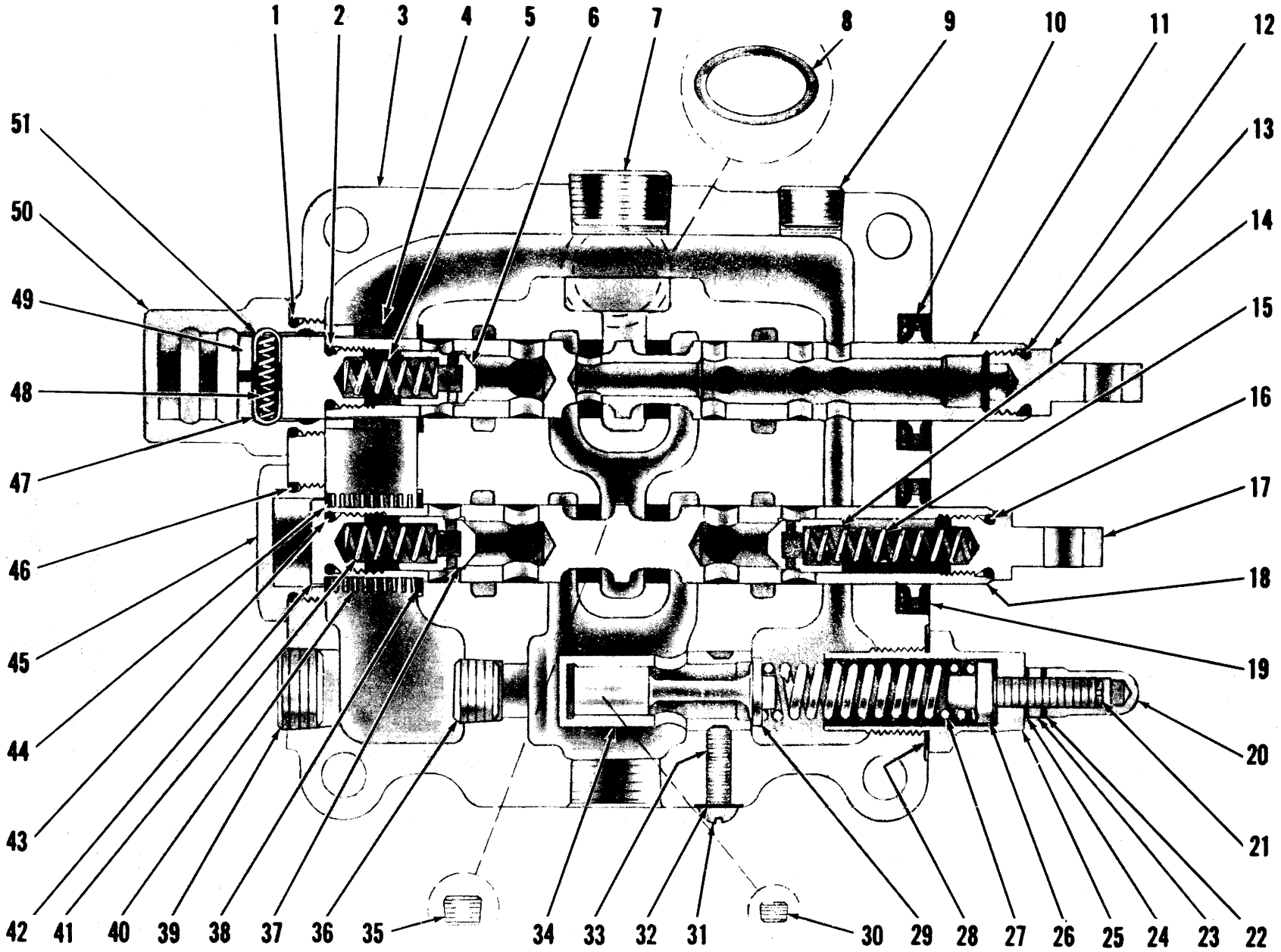
§Not Sold Separately

†Not Illustrated

\*NOTE: For complete replacement of 522962 Valve Assy use 550282 Valve Assy plus parts listed below:

- 1 — 645432 HOSE, Valve to R.H. Boom Pipe
- 1 — 33F-5 ADAPTER UNION
- 3 — 2C-856 BOLT, Valve to Reservoir
- 2 — 550647 ROD, Valve

**WHEN ORDERING PARTS ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



CONTROL VALVE ASSEMBLY

TS-1799-P

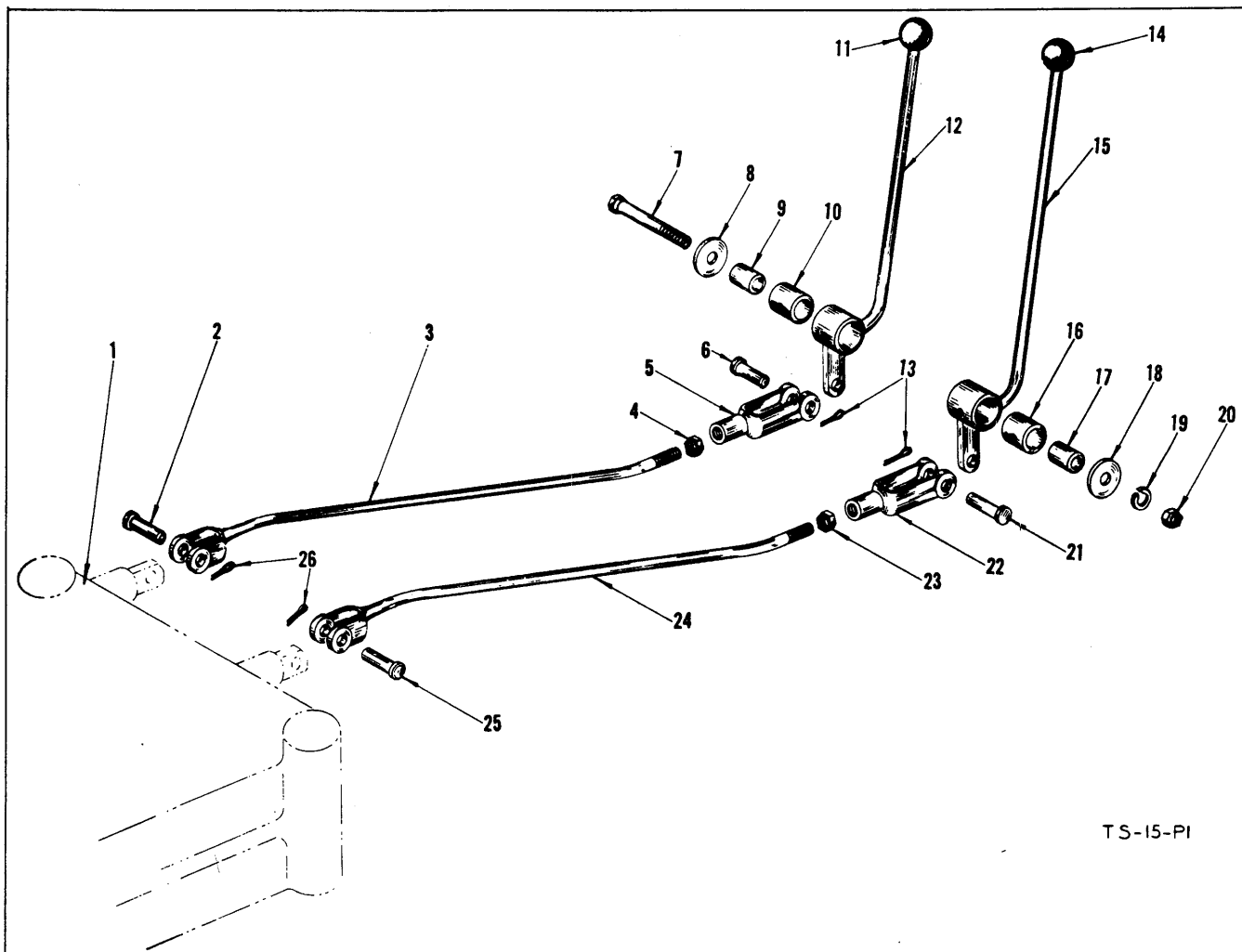


**CONTROL VALVE ASSEMBLY — STANDARD MACHINE**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	550282	VALVE ASSY (Inc. 1 thru 51)	1	26	940029	GUIDE, Relief Spring	1
1	25K-30112	"O" RING, Detent Cap	1	27	940030	SPRING, Relief Valve	1
2	940061	RING, Boom Plunger Seal	1	28	940031	GASKET, Relief Valve Cap	1
3	-----	§HOUSING, Valve — (See "A")	1	29	940032	PLUNGER, Relief Valve	1
4	940062	SPACER, Boom Plunger	1	30	16F-04	PLUG, Housing	1
5	940063	SPRING, Plunger Check Valve	1	31	863052	SCREW, Relief Seat Lock	1
6	940064	PLUNGER, Boom Check Valve	1	32	863053	GASKET, Lock Screw	1
7	16F-16	PLUG, Housing Discharge	1	33	15G-506	SCREW, Relief Seat Set	1
8	25K-40116	"O" RING, Valve to Reservoir	1	34	940033	SEAT, Relief Valve	1
9	16F-08	PLUG, Housing Cleanout	1	35	16F-06	PLUG, Housing	1
10	944022	SEAL, Plunger	1	36	16F-08	PLUG, Housing	1
11	-----	§PLUNGER, Boom Operating — (See "A")	1	37	940064	PLUNGER, Bucket Check Valve	1
12	940061	"O" RING, Plunger Eye	1	38	940074	WASHER, Plunger Spring	1
13	940068	EYE, Plunger End	1	39	16F-12	PLUG, Housing	1
14	940064	PLUNGER, Bucket Check Valve	1	40	940072	SPRING, Plunger Return	1
15	940070	SPRING, Plunger Check Valve	1	41	940063	SPRING, Plunger Check Valve	1
16	940061	"O" RING, Plunger Eye	1	42	940073	CAP, Plunger End	1
17	940068	EYE, Plunger End	1	43	940061	"O" RING, End Cap	1
18	-----	§PLUNGER, Bucket Operating — (See "A")	1	44	940074	WASHER, Plunger Spring	1
19	944022	SEAL, Plunger	1	45	940039	CAP, Bucket Plunger Housing	1
20	863045	NUT, Relief Valve Acorn	1	46	25K-30112	"O" RING, Housing Cap	1
21	940028	SCREW, Relief Valve Adjustment	1	47	940075	POPPET, Detent	1
22	958210	WASHER, Copper	1	48	940024	SPRING, Detent Poppet	1
23	8D-06	NUT, Relief Valve Jam	1	49	940023	CAP, Detent Poppet	1
24	958210	WASHER, Copper	1	50	940040	CAP, Housing Detent	1
25	940025	CAP, Relief Valve	1	51	940075	POPPET, Detent	1
				52	2C-856	†BOLT, Valve to Reservoir	3
				53	4E-08	†LKWSHR, Valve to Reservoir	3

†Not Illustrated  
§Not Sold Separately

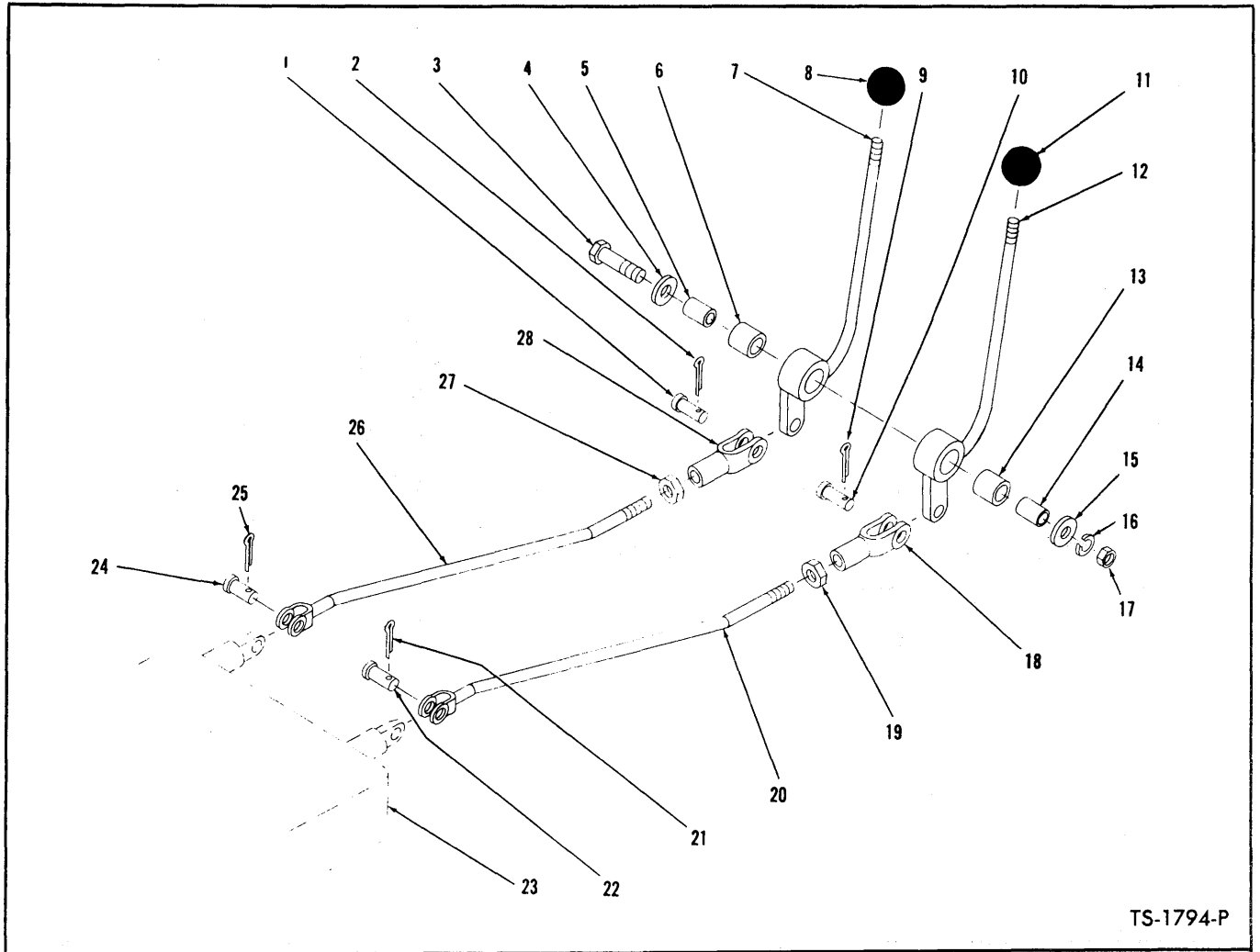
**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**VALVE CONTROL LEVERS AND LINKAGE**

S/N MB 51 thru 940

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1		Control Valve Assembly—See Index		14	BN90013	Knob, Boom Valve Lever . . . . .	1
2	4F-08127	Pin, Valve Rod to Valve Clevis. . . . .	1	15	BN90008	Valve Lever Ass'y., Boom . . . . .	1
3	550647	Valve Rod Assembly. . . . .	1	16	526767	Bushing, Lever Mtg. . . . .	1
4	8D-08	Nut, Yoke Jam. . . . .	1	17	550646	Sleeve, Lever Mtg. . . . .	1
5	4J-8300	Yoke, Valve Rod. . . . .	1	18	616795	Washer, Lever Mtg. . . . .	1
6	4F-08127	Pin, Yoke Clevis. . . . .	1	19	4E-08	Lkwsr, Lever Mtg. . . . .	1
7	2C-868	Bolt, Lever Mtg. . . . .	1	20	2D-08	Nut, Lever Mtg. . . . .	1
8	616796	Washer, Lever Mtg. . . . .	1	21	4F-08127	Pin, Yoke Clevis. . . . .	1
9	550646	Sleeve, Lever Mtg. . . . .	1	22	4J-8300	Yoke, Valve Rod . . . . .	1
10	526767	Bushing, Lever Mtg. . . . .	1	23	8D-08	Nut, Yoke Jam. . . . .	1
11	BN90013	Knob, Bucket Valve Lever. . . . .	1	24	550647	Valve Rod Assembly. . . . .	1
12	BN90008	Valve Lever Ass'y., Bucket. . . . .	1	25	4F-08127	Pin, Valve Rod to Valve Clevis. . . . .	1
13	1F-414	Cotter, Clevis Pin. . . . .	2	26	1F-414	Cotter, Clevis Pin. . . . .	2



**VALVE CONTROL LEVERS AND LINKAGE – STANDARD MACHINES**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	4F-08127	PIN, Clevis to Lever	1	15	616795	WASHER, Lever to Frame	1
2	1F-414	COTTER, Clevis Pin	1	16	4E-08	LKWSHR, Lever to Frame	1
3	2C-868	BOLT, Lever to Frame	1	17	2D-08	NUT, Lever to Frame	1
4	616795	WASHER, Lever to Frame	1	18	2J-8300	CLEVIS, Rod to Lever	1
5	550646	SLEEVE, Lever to Frame	1	19	8D-08	NUT, Clevis Jam	1
6	526767	BUSHING, Bucket Lever	1	20	550647	*ROD, Boom Valve	1
7	BN90005	LEVER, Bucket Valve	1	21	1F-414	COTTER, Clevis Pin	1
8	BN90013	KNOB, Bucket Lever	1	22	4F-08127	PIN, Rod to Valve	1
9	1F-414	COTTER, Clevis Pin	1	23	-----	CONTROL VALVE — (See Index)	—
10	4F-08127	PIN, Clevis to Lever	1	24	4F-08127	PIN, Rod to Valve	1
11	BN90013	KNOB, Boom Lever	1	25	1F-414	COTTER, Clevis Pin	1
12	BN90008	LEVER, Boom Valve	1	26	550647	*ROD, Bucket Valve	1
13	526767	BUSHING, Valve Lever	1	27	8D-08	NUT, Clevis Jam	1
14	550646	SLEEVE, Lever to Frame	1	28	2J-8300	CLEVIS, Rod to Lever	1

\*NOTE: Items 20 and 26 for machines equipped with Parker Control Valve is 523566.

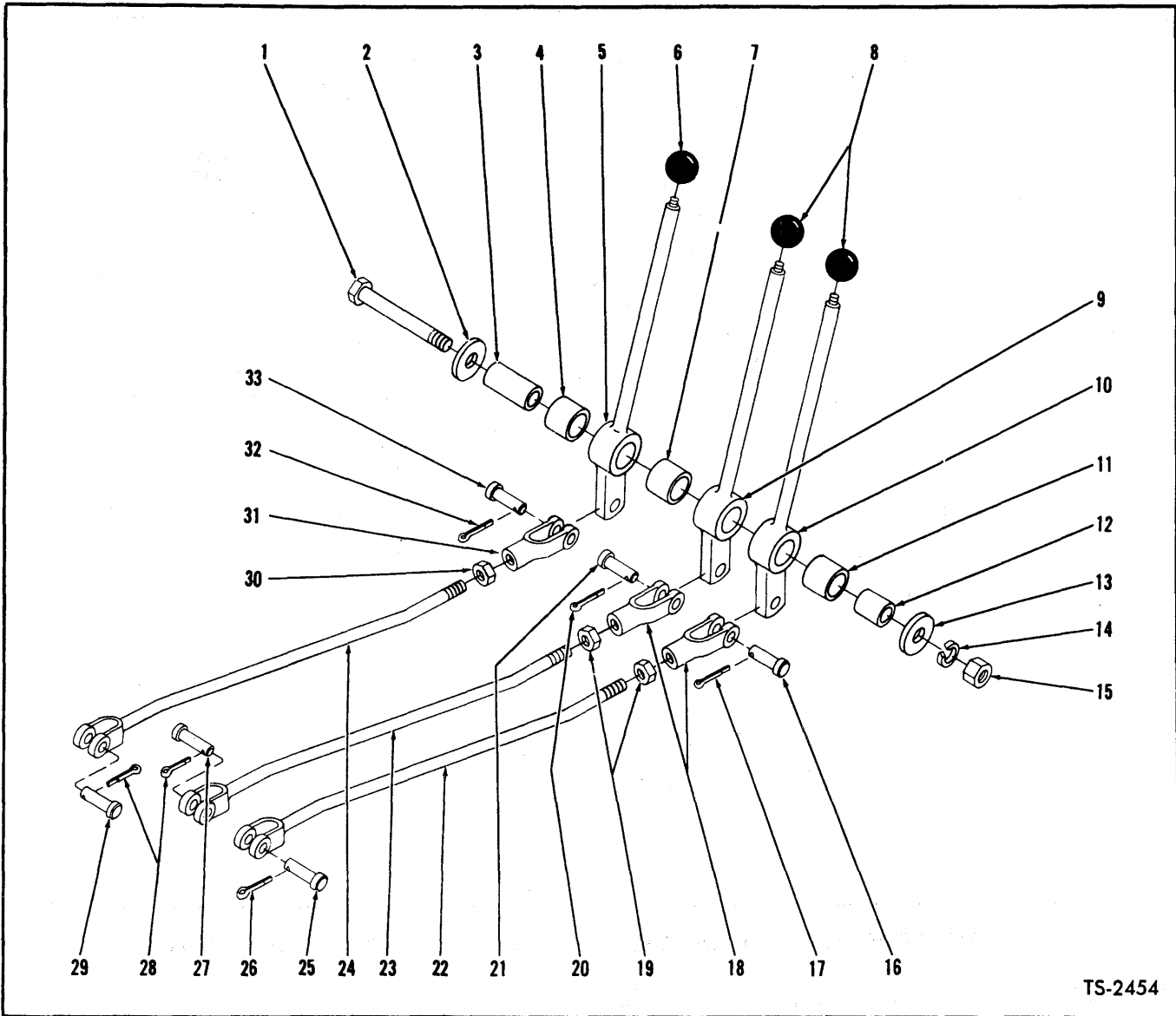
Parker Control Valve No. 522962 was installed in the following machines:

75A — 11369 thru 11391, 11393 thru 11488, 12019 thru 12041, 12044 thru 12078

75B — 6252 thru 6258

75R — 7180 & 7181

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**

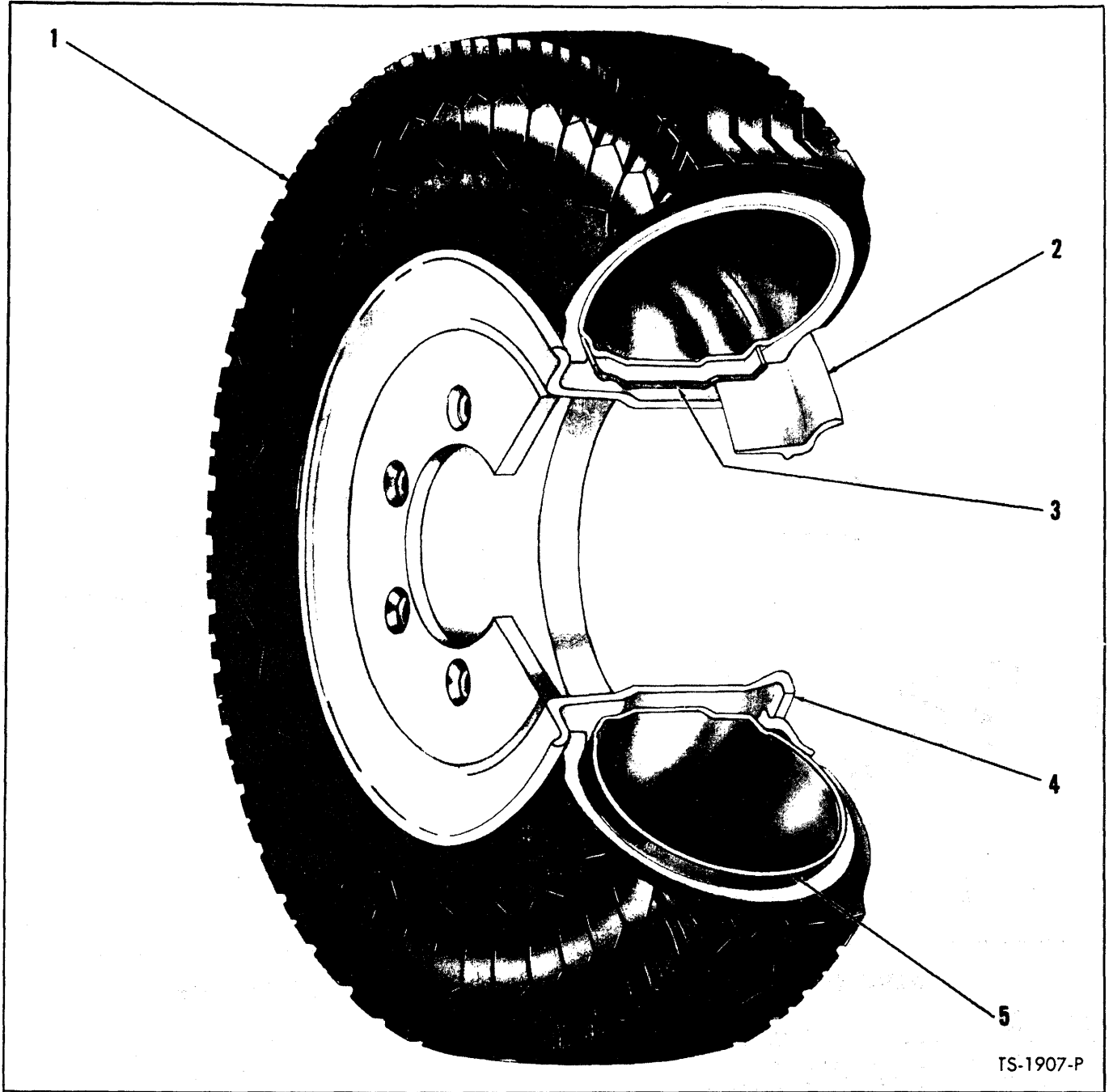


TS-2454

**VALVE CONTROL LEVERS AND LINKAGE – TRACTOR LOGGER**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	24C-892	BOLT, Levers to Frame .....	1	18	2J-8300	CLEVIS, Rod to Lever .....	2
2	616796	WASHER, Levers to Frame .....	1	19	8D-08	NUT, Clevis Jam .....	2
3	553525	SLEEVE, Lever Mounting—Long .....	1	20	1F-414	COTTER, Clevis to Lever Pin .....	1
4	526767	BUSHING, Clamp Lever .....	1	21	4F-08127	PIN, Clevis to Lever .....	1
5	550644	LEVER, Clamp Cylinder Operating ....	1	22	550647	ROD, Boom Valve .....	1
6	509772	KNOB, Clamp Lever .....	1	23	550647	ROD, Carrier Valve .....	1
7	526767	BUSHING, Carrier Lever .....	1	24	553891	ROD, Clamp Valve .....	1
8	509772	KNOB, Carrier Lever .....	2	25	4F-08127	PIN, Rod to Valve .....	1
9	550644	LEVER, Carrier Cylinder Operating ....	1	26	1F-414	COTTER, Rod to Valve Pin .....	1
10	550640	LEVER, Boom Cylinder Operating .....	1	27	4F-08127	PIN, Rod to Valve .....	1
11	526767	BUSHING, Boom Lever .....	1	28	1F-414	COTTER, Rod to Valve .....	2
12	550646	SLEEVE, Lever Mounting—Short .....	1	29	4F-08127	PIN, Rod to Valve .....	1
13	616796	WASHER, Levers to Frame .....	1	30	8D-08	NUT, Clevis Jam .....	1
14	4E-08	LKWSHR, Levers to Frame .....	1	31	2J-8300	CLEVIS, Rod to Lever .....	1
15	2D-08	NUT, Levers to Frame .....	1	32	1F-414	COTTER, Clevis to Lever Pin .....	1
16	4F-08127	PIN, Clevis to Lever .....	1	33	4F-08127	PIN, Clevis to Lever .....	1
17	1F-414	COTTER, Clevis to Lever Pin .....	1				

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**WHEEL AND TIRE DATA — WITH TUBE**  
**MODELS 75B AND 75R**

Item No.	9:00 x 16 8 PR	9:00 x 20 10 PR	Description	No. Req'd.
1	-----	-----	§TIRE	2
2	552650	941481	RING, Lock	2
3	-----	-----	§FLAP	2
4	551111	941480	WHEEL	2
5	-----	-----	§TUBE	2

§Not Sold Separately

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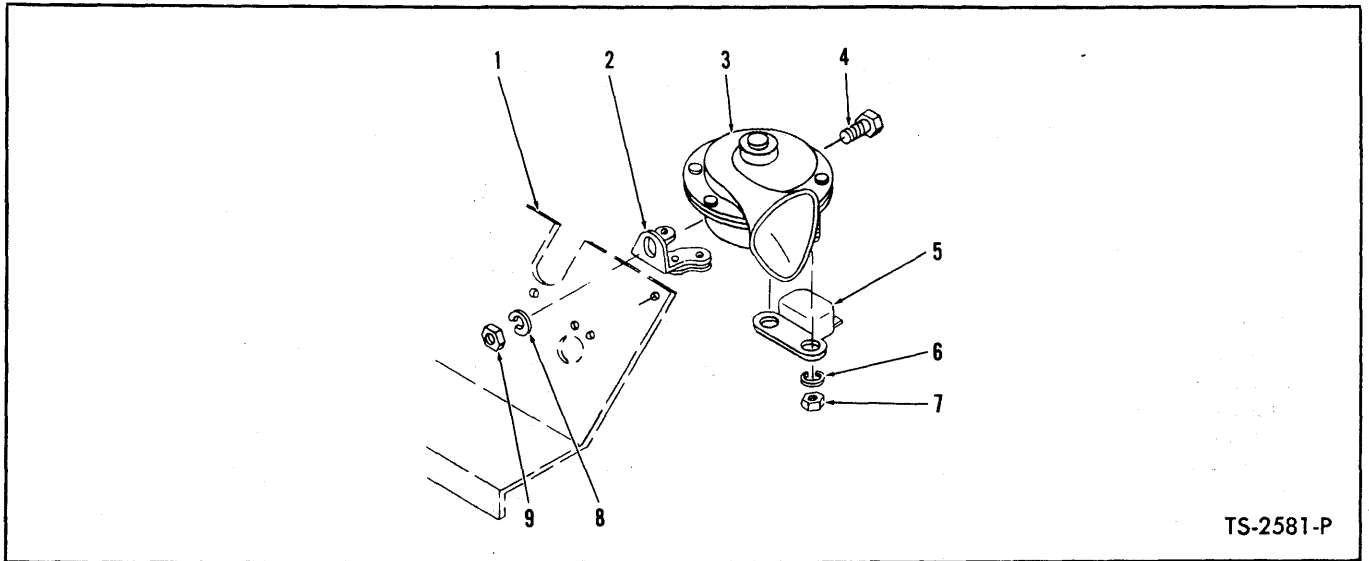
# Model 75A and 85A

## WHEEL ASSEMBLY AND TIRE DATA — TUBELESS

	Grader Lug 14:00 x 24 8 PR.	Sure Grip Grader 14:00 x 24 12 PR.	Rock Lug 14.00 x 24 12 PR.	No. Req'd.	
1	Wheel Disc and Rim Base (Inc. 6)	942485	942485	511844	4
2	Lock Ring	941325	941325	941325	4
3	Flange	941326	941326	941326	4
4	"O" Ring	941329	941329	941329	4
5	Valve Stem	*941422	*941422	*941422	4
6	Valve Stem	**517963	**517963		4
7	Valve Stem Adaptor	551684	551684	551684	4
8	Valve Cap	551685	551685	551685	4
9	Nut, Wheel	103522	103522	103522	40
10	Stud, Wheel	103445	103445	103445	40
11	Nut, Wheel Stud	103076	103076	103076	40

\*For Machine Serial: 75A-8123 thru 10718 — 85A-4123 thru 4174

\*\*Effective with Machine Serial: 75A-10719 and thereafter — 85A-4175 and thereafter



TS-2581-P

**HORN**

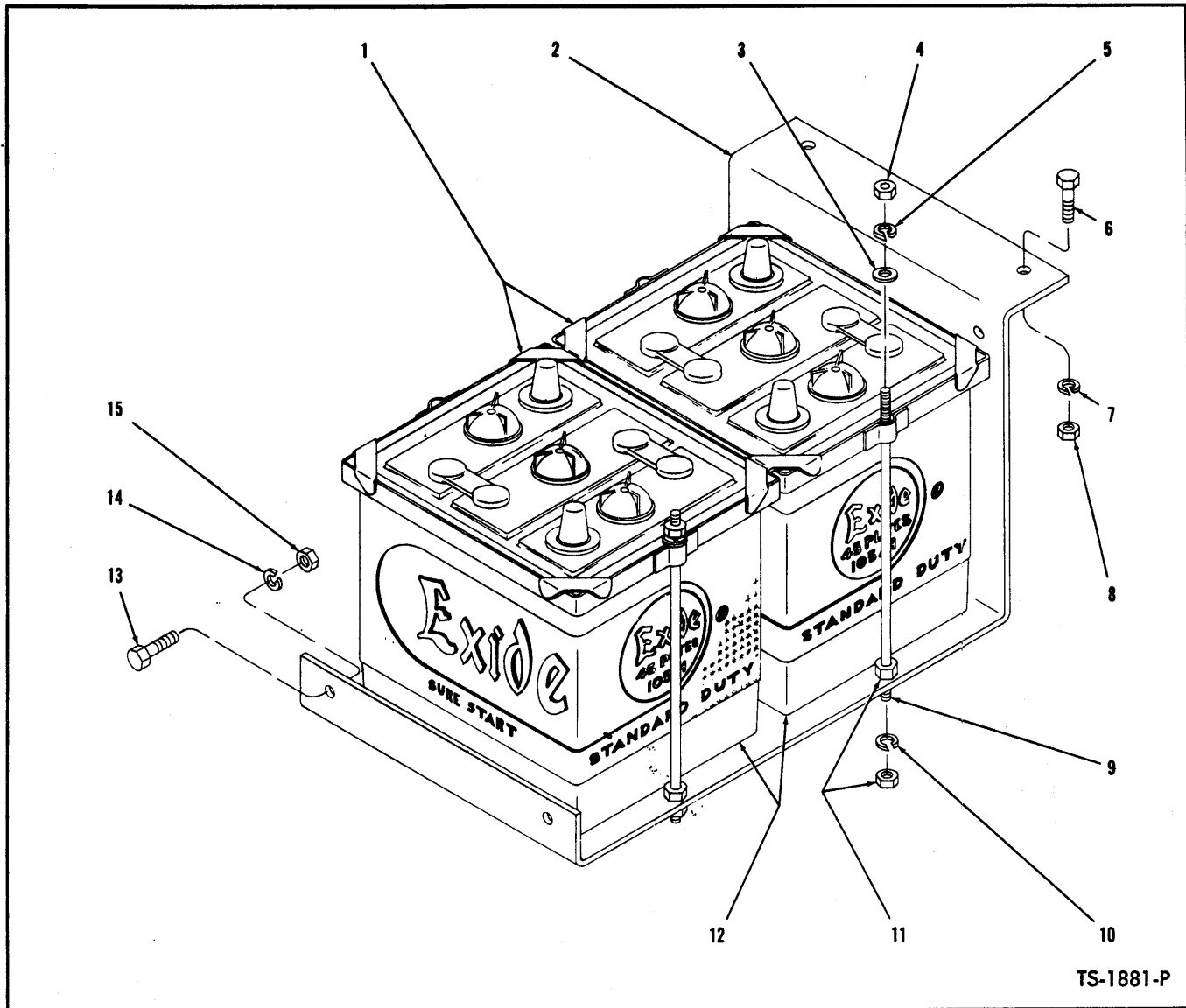
Item No.	Part No.	Description	No. Req'd.
1	---	FLOORBOARD — See Index	—
2	621279	BRACKET, Horn	1
3	647300	HORN	1
4	2C-612	BOLT, Horn to Floorboard	1
5	647310	RELAY, Horn	1
6	4E-04	LKWSHR, Relay to Horn	2
7	10D-04	NUT, Relay to Horn	2
8	4E-06	LKWSHR, Horn to Floorboard	1
9	2D-06	NUT, Horn to Floorboard	1

**WHEEL ASSEMBLY DATA — TUBELESS**

14:00 x 24

Item No.	Part No.	Description	No. Req'd.
1	511844	*WHEEL	4
2	941325	RING, Lock	4
3	941326	FLANGE	4
4	941329	"O" RING	4
5		VALVE STEM ASSY (Inc. 6)	
5A	941422	For Serial 8123 thru 10718	4
6	551648	ADAPTER, Valve Stem	4
7	551685	CAP, Valve Stem Adapter	4

\*NOTE: When 515127 Wheel is installed on Serial 8123 thru 10718 one 517963 Valve Stem must be used.



**BATTERY AND BATTERY BOX**

Item No.	Part No.	Description	No. Req'd.
1		COVER, Battery Hold Down	
1A	550844	For Gas Powered Machines with Exide #SS-1 Battery	2
2		BOX, Battery	
2A	550843	For Gas Powered Machines	1
3	619019	WASHER, Hold Down Cover Stud	4
4	1D-05	NUT, Hold Down Cover Stud	4
5	4E-05	LKWSHR, Hold Down Cover Stud	4

Item No.	Part No.	Description	No. Req'd.
6	2C-612	BOLT, Battery Box Attaching	2
7	4E-06	LKWSHR, Battery Box Attaching	2
8	2D-06	NUT, Battery Box Attaching	2
9	600183	STUD, Hold Down Cover	4
10	4E-05	LKWSHR, Hold Down Cover	4
11	1D-05	NUT, Hold Down Cover	4
12		BATTERY	
12A	550842	EXIDE #CX-1-105 for Gas Powered	2
12B	550360	EXIDE #XF-25 for Diesel Powered	2
13	2C-612	BOLT, Battery Box Attaching	2
14	4E-06	LKWSHR, Battery Box Attaching	2
15	2D-06	NUT, Battery Box Attaching	2

**WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE**



**BATTERY, HOLDER, WIRING AND PARTS**

Item No.	Part No.	Description	No. Req'd.
2	550360	Battery — DIESEL .....	2
4	550858	Box, Battery— DIESEL .....	1
5	2C-612	Bolt, Battery Box to Frame .....	4
6	2D-06	Nut, Battery Box to Frame .....	4
7	4E-06	Lkwshr, Battery Box to Frame .....	4
9	550859	Battery Hold Down — DIESEL .....	2
10	600183	Stud, Battery Hold Down .....	4
11	619019	Washer, Battery Hold Down Stud .....	4
12	4E-05	Lkwshr, Battery Hold Down Stud .....	4
13	1D-05	Nut, Battery .....	12
14	550845	Cable, Battery to Ground .....	1
15	550846	Cable, Battery Connector .....	1
16	554016	Cable, Battery to Solenoid .....	1
18	553466	Cable, Starter to Magnetic Switch— DIESEL .....	1
19	550848	Cable, Engine to Ground .....	1

Item No.	Part No.	Description	No. Req'd.
20	2C-616	Bolt, Ground Cable .....	1
21	4E-06	Lkwshr, Ground Cable .....	1
22	2D-06	Nut, Ground Cable .....	1
25	553145	Wiring Harness — For Units with Solenoid Starter — DIESEL .....	1
26A	30H-23	Clip, Wiring Harness—DIESEL .....	2
27	30H-38	Clip, Wiring Harness .....	4
28	2C-652	Bolt, Clip to Valve .....	1
29	2D-06	Nut, Clip to Valve .....	1
30	4E-06	Lkwshr, Clip to Valve .....	1
31	550850	Wiring Harness, Gen. to Voltage Reg. ....	1
32	550851	Wire, Light Switch to Head Lamp ..	1
33	550852	Wire, Fuel Gauge to Tank Unit .....	1
34	550854	Wire, Steering Column to Horn Relay ..	1
35	550855	Wire, Horn Relay to Horn .....	1

**LIGHTS AND MOUNTINGS**

Item No.	Part No.	Description	No. Req'd.
1	551510	Light Mounting Plate Assembly (Inc. 2, 3, 5, 6, 7 & 8) .....	1
2	550880	Light Mounting Plate .....	1
3	551284	Back Up Lamp Assembly (Inc. 4) .....	2
4	551243	Sealed Beam Unit, Back Up Lamp .....	2
5	550745	Wire, Back Up Lamp Ground .....	2
6	550853	Wire, Back Up Lamp Jumper .....	1
7	12D-8	Nut, Lamp to Plate .....	6
8	12E-8	Lkwshr, Lamp to Plate .....	6
9	1C-510	Bolt, Plate to Grille .....	4
10	1C-520	Bolt, Plate to Grille .....	2
11	4E-05	Lkwshr, Plate to Grille .....	6

Item No.	Part No.	Description	No. Req'd.
12	1D-05	Nut, Plate to Grille .....	2
13	551281	Head Lamp Assembly (Inc. 14) .....	2
14	551242	Sealed Beam Unit, Head Lamp .....	2
15	3G-808	Screw, Ground Wire .....	2
16	13E-8	Lkwshr, Ground Wire .....	2
17	12D-8	Nut, Ground Wire .....	2
18	550882	Tail Lamp Assembly .....	2
19	551314	Bracket, Tail Lamp Mtg. ....	2
20	1C-610	Bolt, Bracket to Grille .....	4
21	4E-06	Lkwshr, Bracket to Grille .....	4
22	1D-04	Nut, Lamp to Bracket .....	4
23	4E-04	Lkwshr, Lamp to Bracket .....	4

**TOOLS**

Item No.	Part No.	Description	No. Req'd.
1	553412	Wrench, Wheel .....	1
2	552164	Handle, Wheel Wrench .....	1
3	552172	Wrench, Hub Bearing .....	1
4	552165	Hammer .....	1

Item No.	Part No.	Description	No. Req'd.
5	552166	Pliers .....	1
6	552167	Screwdriver .....	1
7	518897	Grease Gun .....	1
8	552171	Tool Bag .....	1

**WIRING AND BATTERY CABLES — GAS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550845	CABLE, Battery Ground .....	1	11	550851	WIRE, Light Switch to Head Lamps ....	1
2	550846	CABLE, Battery Connector .....	1	12	550852	WIRE, Fuel Gauge to Sender Unit ....	1
3	554016	CABLE, Battery to Solenoid Switch....	1	13	550745	WIRE, Coil to Distributor .....	1
4	550847	CABLE, Solenoid Switch to Starter ....	1	14	695120	WIRE, Steering Column to Horn Relay	1
5	550848	CABLE, Starter Ground .....	1	15	550855	WIRE, Horn Relay to Horn .....	1
6	2C-616	BOLT, Starter Ground Cable .....	1	16	30H-23	CLIP, Wiring Harness — 3/8" Opening ..	3
7	2D-06	NUT, Starter Ground Cable .....	1	17	30H-38	CLIP, Wiring Harness — 5/8" Opening ..	4
8	4E-06	LKWSHR, Starter Ground Cable .....	1	18	2C-652	BOLT, Clip to Valve .....	1
9	553144	HARNESS, Main Wiring .....	1	19	2D-06	NUT, Clip to Valve .....	1
10	550850	HARNESS, Generator & Regulator Wiring .....	1	20	4E-06	LKWSHR, Clip to Valve .....	1

**LIGHTS AND MOUNTING PARTS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	551284	LAMP ASSY, Back-Up (Inc. 2, 3) .....	2	11	3G-808	SCREW, Ground Wire .....	2
2	551243	SEALED UNIT, Back-Up Lamp .....	2	12	12D-8	NUT, Ground Wire .....	2
3	551293	CLIP, Sealed Unit Retaining .....	6	13	13E-8	LKWSHR, Ground Wire .....	2
4	550745	WIRE, Back-Up Lamp Ground .....	2	14	539631	LAMP, Tail .....	2
5	550853	WIRE, Back-Up Lamp Jumper .....	1	15	551314	BRACKET, Tail Lamp .....	2
6	12D-8	NUT, Back-Up Lamp to Plate .....	6	16	1C-610	BOLT, Bracket to Grille .....	4
7	12E-8	LKWSHR, Back-Up Lamp to Plate ....	6	17	4E-06	LKWSHR, Bracket to Grille .....	4
8	551281	LAMP ASSY, Head (Inc. 9, 10) .....	2	18	1D-04	NUT, Lamp to Bracket .....	4
9	551242	SEALED UNIT, Head Lamp .....	2	19	4E-04	LKWSHR, Lamp to Bracket .....	4
10	551293	CLIP, Sealed Unit Retaining .....	6				

**TOOLS**

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	553412	WRENCH, Wheel .....	1	4	953067	RING, Cylinder Packing Compressor	1
2	552164	HANDLE, Wheel Wrench .....	1	5	953065	SLEEVE, Piston Rod Wiper Taper .....	1
3	552172	WRENCH, Hub Bearing .....	1				

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LA BRUGEOISE ET NIVELLES S. A. - BELGIUM  
**DECALS AND PLATES**



Item No.		75-A	75-B	75-R	No. Req'd.
1	DECAL, Michigan .....	547852	547852	547852	2
2	DECAL, Clark Equipment .....	547851	547851	547851	2
3	DECAL, Model .....	551798	551799	551800	2
4	DECAL, Gear Shift .....	548474	551808	551808	1
5	DECAL, Oil Level – Reservoir & Trans. ....	548472	548472	548472	2
6	DECAL, Drain – Transmission .....	538256	538256	538256	1
7	DECAL, Fill – Torque Conv. & Trans. ....	548473	548473	548473	1
8	DECAL, Torque Conv. – On Instrument Panel ...	548520	548520	548520	1
9	DECAL, Cold Starting .....	517224	517224	517224	1
10	DECAL, Starter .....	538258	538258	538258	1
11	DECAL, Switch Identification .....	548521	548521	548521	1
12	DECAL, Safety Precaution .....	522549	522549	522549	1
13	PLATE, Lubrication Instruction .....	562302	562302	562302	1
14	SCREW, Lubrication Instruction Plate Attaching ..	6C-605	6C-605	6C-605	4
15	PLATE, Patent .....	542074	542074	542074	1
16	SCREW, Patent Plate Attaching .....	6C-605	6C-605	6C-605	4

**NOTES**

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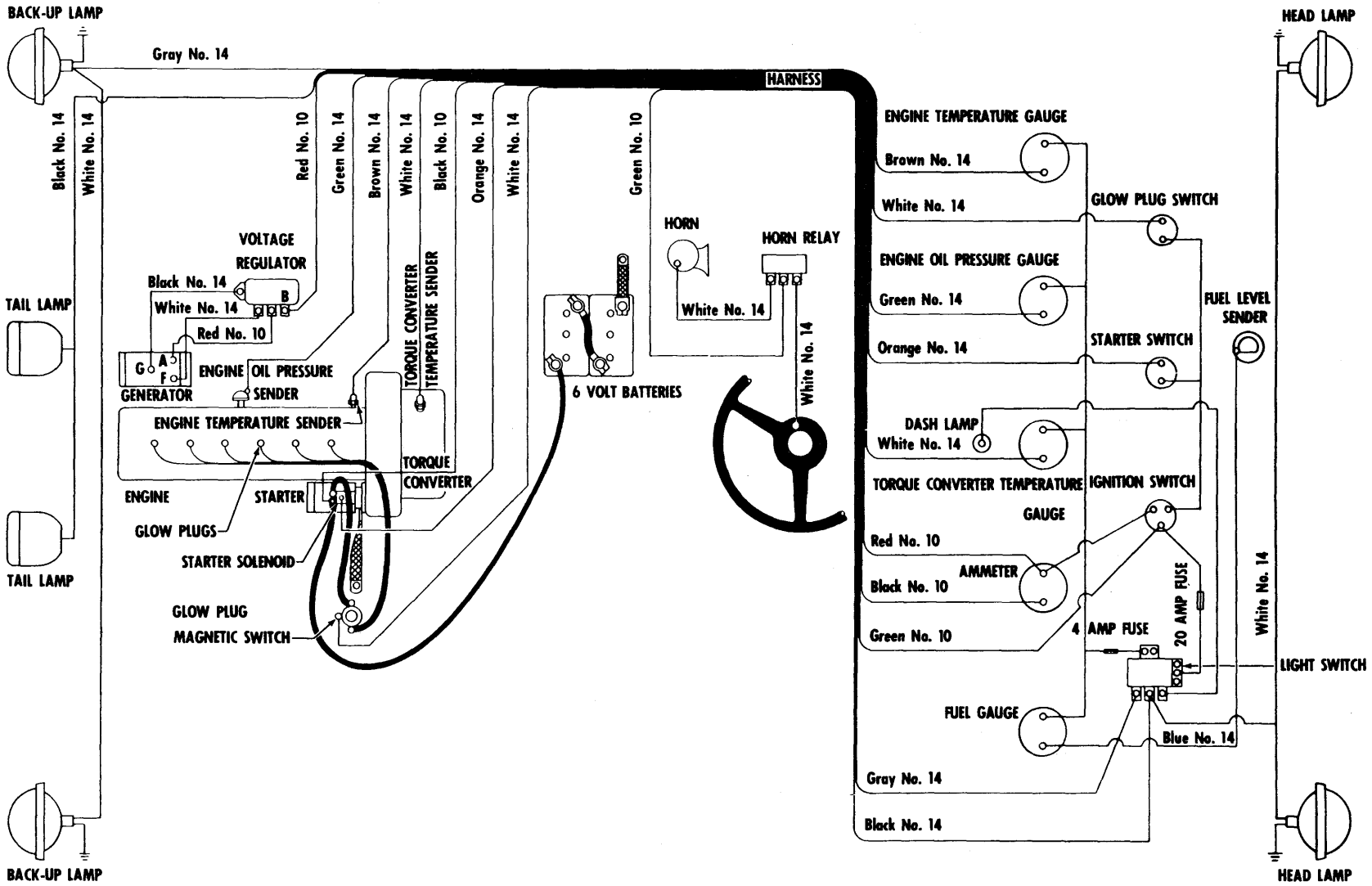


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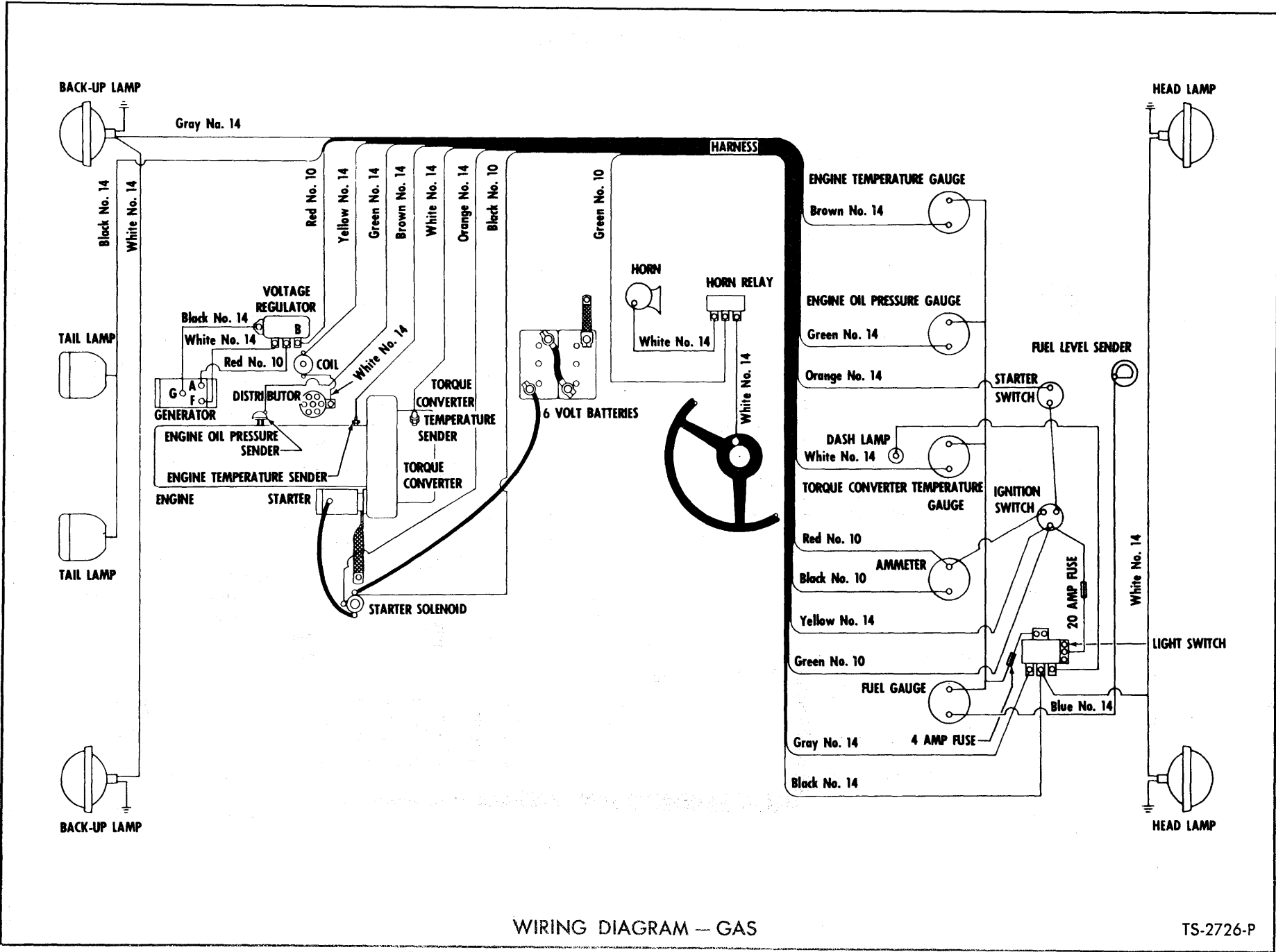
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WIRING DIAGRAM — DIESEL

TS-2728-P



WIRING DIAGRAM - GAS

TS-2726-P

