

MODEL B TOURNAPULL®

EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B.
EFFECTIVE WITH SERIAL SUFFIX BPF4 & UP.
EFFECTIVE WITH SERIAL SUFFIX BPA4 & UP.

SERIAL NO. _____



PARTS CATALOG

LeTOURNEAU-WESTINGHOUSE COMPANY

A Subsidiary of Westinghouse Air Brake Company

Peoria, Illinois, U. S. A. Form PC-414A Rev. 1-59

HOW TO ORDER PARTS

A LeTOURNEAU-WESTINGHOUSE Parts Catalog consists of a complete breakdown into assemblies and groups of an entire machine. The use of exploded views and cross section illustrations, make the catalog an easy reference for ordering correct parts with the minimum of detail.

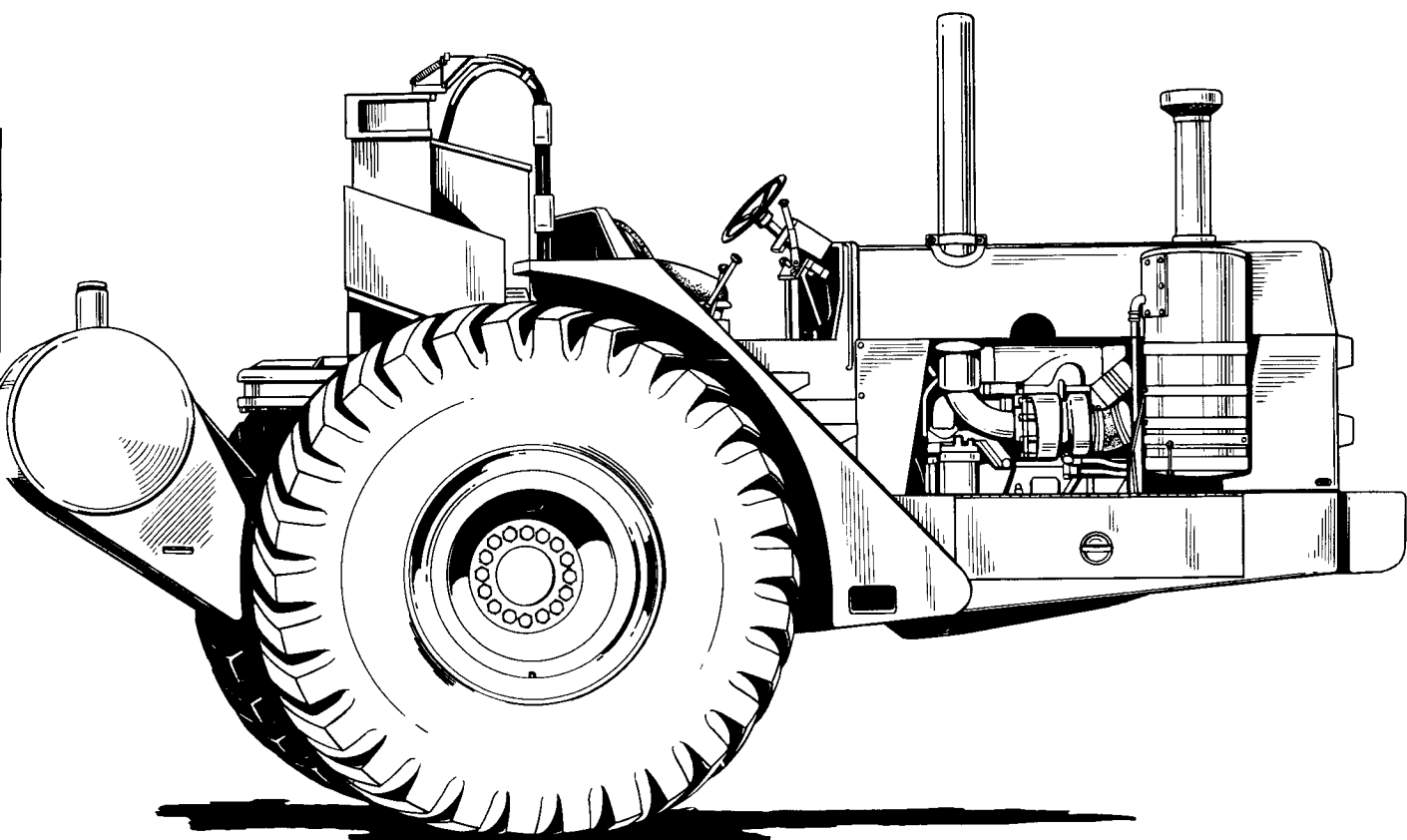
Quantities listed with each assembly or groups are the total number used for that assembly or group and not necessarily the total per machine.

The terms "right hand" and "left hand" refer to the view point from the rear of the machine.

WHEN ORDERING PARTS ALWAYS GIVE THE SERIAL NUMBER OF THE MACHINE.

WHEN ORDERING PARTS FOR GEAR BOXES, ELECTRIC MOTORS, GENERATORS, TORQUE CONVERTERS AND TOURNAMATIC TRANSMISSIONS, ALSO INCLUDE THE ASSEMBLY NUMBER STAMPED ON THE SERIAL PLATE ATTACHED TO THESE UNITS.

Genuine LeTOURNEAU-WESTINGHOUSE parts can be ordered from your nearest authorized LeTOURNEAU-WESTINGHOUSE Distributor.



MODEL B TOURNAPULL

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ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

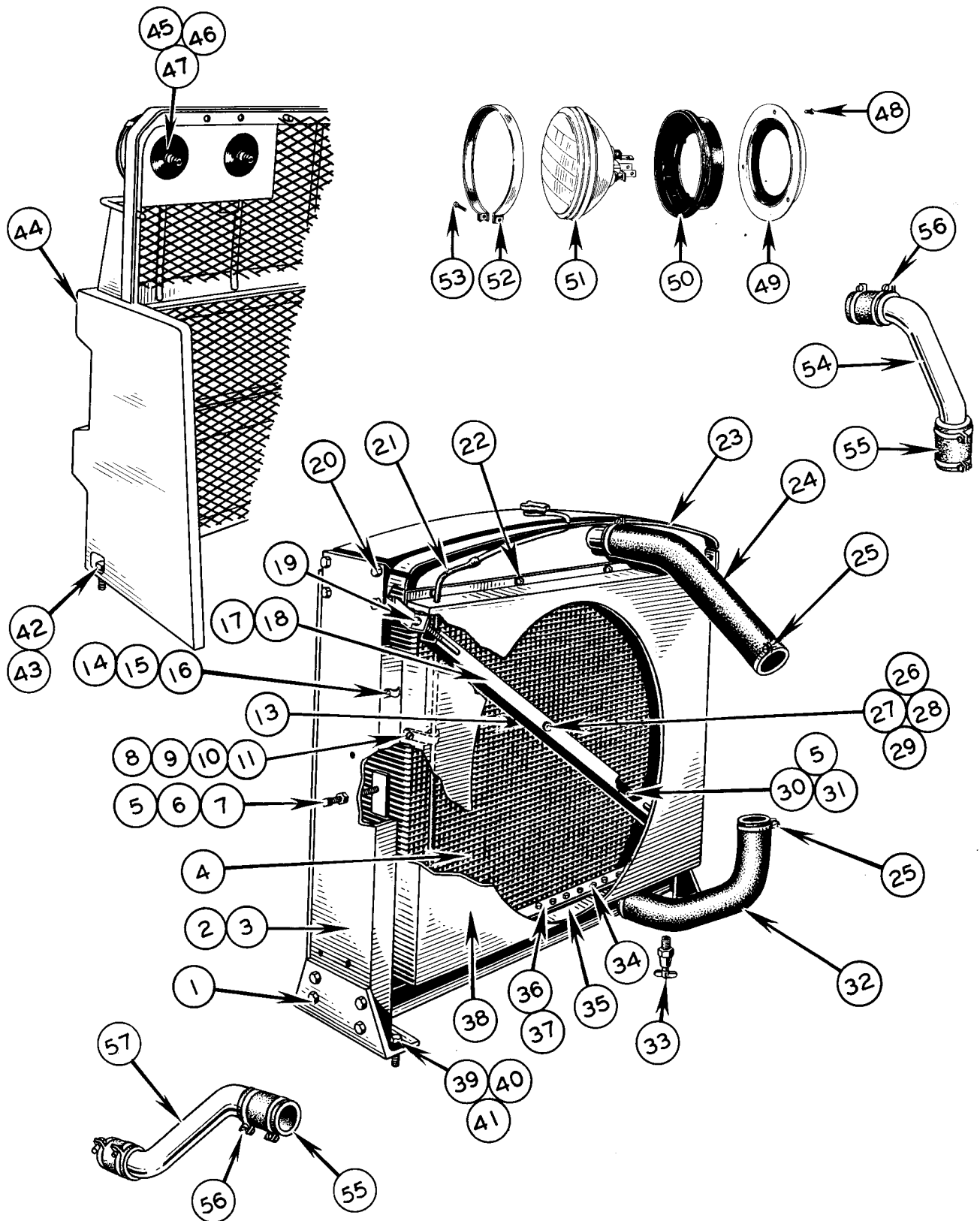


FIG. 994

RADIATOR, GRILLE & HEADLIGHTS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 994

RADIATOR, GRILLE & HEADLIGHTS

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-7594	Capscrew - 5/8" nc x 1"	8		TC-4860	Hose (Cummins Engine) %	1
2	SV-9106	Side Plate, Left	1	33	SP-3571	Drain Cock	1
3	SV-9107	Side Plate, Right	1	34	DC-7524	Capscrew - 3/8" nc x 7/8" ...	96
4	SP-2151	Core *	1	35	SL-8551	Tank, Bottom (Cummins Engine) *	1
	SR-9627	Core **	1		SV-5779	Tank, Bottom (GM Engine) *	1
5	SD-4572	Nut, Jam - 3/8" nc	10		TD-8050	Tank, Bottom (GM Engine) **	1
6	H-2849	Setscrew - 3/8" nc x 2 1/2" ...	2	36	SL-7920	Bolt Strip, Short	4
7	SL-9065	Channel	2	37	SL-7921	Bolt Strip, Long *	4
8	H-3208	Clamp	1		SR-7863	Bolt Strip, Short **	4
9	SC-4510	Screw - #12-24 x 5/8"	1	38	TC-2808	Shroud (GM Engine) *	1
10	R-8870	Lockwasher - #12	1		SR-7786	Shroud (GM Engine) **	1
11	SF-9857	Nut - #12-24	1		TC-2810	Shroud (Cummins NRT Engine) *	1
13	SL-9089	Keeper Channel	2		SL-8555	Shroud (Cummins NHRBIS Engine) *	1
14	H-3167	Clamp	2	39	C-7580	Capscrew - 5/8" nc x 1 1/2" ...	4
15	H-8136	Capscrew - 1/4" nc x 1/2" ...	2	40	C-1541	Lockwasher - 5/8"	4
16	C-5774	Lockwasher - 1/4"	2	41	C-1550	Flatwasher - 5/8"	4
17	SL-9058	Tie Bar - Rear *	1	42	C-1611	Capscrew - 1/2" nc x 3/4" ...	4
18	SL-9055	Tie Bar - Front *	1	43	C-1540	Lockwasher - 1/2"	4
	SR-7864	Tie Bar **	2	44	TC-402	Grille #	1
19	C-1523	Nut - 1/2" nc	8		TD-7633	Grille @	1
20	CE-2510	Capscrew - 5/8" nc x 3/4"	8	45	SG-794	Lamp #	4
21	SL-4949	Hose, Overflow	1	46	TC-961	Clip #	8
22	DC-5604	Screw, Self-Tapping - 1/4" ...	8	47	DD-6152	Screw - #12-24 x 1" #	8
23	TC-5453	Tank, Top ⊗ (GM Engine) *	1		DC-8895	Screw - #10-24 x 5/16" @ ...	12
	SV-9342	Tank, Top ⊗ (GM Engine) **	1		H-2643	Lockwasher - #10 @	12
	SV-9339	Tank, Top ⊗ (Cummins Engine) *	1		TD-9000	Lamp Assembly	4
24	SP-6314	Hose (Cummins Engine) ***	1	48	TF-3117	Screw	16
	TC-4861	Hose (Cummins Engine) %	1	49	TF-3119	Adaptor	4
25	TC-7147	Clamp	4	50	TF-3120	Damper	4
26	SL-9063	Bolt - 1/4" nc x 10 1/4" *	1	51	TD-4465	Lamp	4
	SR-7866	Bolt - 1/4" nc x 12"	1	52	TF-3122	Clamp Ring	4
27	C-5774	Lockwasher - 1/4"	1	53	DL-1496	Screw - #10-24 x 1" ...	4
28	C-1546	Flatwasher - 1/4"	3	54	TC-6205	Tube, Top (GM Engine) *	4
29	C-5780	Nut - 1/4" nc	1	55	DG-9749	Hose (GM Engine)	4
30	SL-9064	Setscrew - 3/8" nc x 1 1/4" ...	4	56	HC-920	Clamp	8
31	R-6381	Setscrew - 3/8" nc x 1 1/2" ...	4	57	TC-6206	Tube, Bottom (GM Engine) ...	1
32	SP-6313	Hose (Cummins Engine) ***	1				

⊗ Includes DF-3923 Pressure Cap.

* Eff. thru Serial Suffix BPF3-B, BPF4 & up.

** Eff. with Serial Suffix BPA4 & up (GM Engines only).

*** Eff. thru Serial Suffix BPF3-B.

% Eff. with Serial Suffix BPF4 & up.

Eff. thru Serial Suffix BPF4-G & BPA4-C.

@ Eff. with Serial Suffix BPF4-H & BPA4-D.

(Effective with Serial Suffix BPA4 & up except BPA4-H - GM Engines only)

(Effective with Serial Suffix BPF3 thru BPF3-B, BPF4 & up - Cummins & GM Engines)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

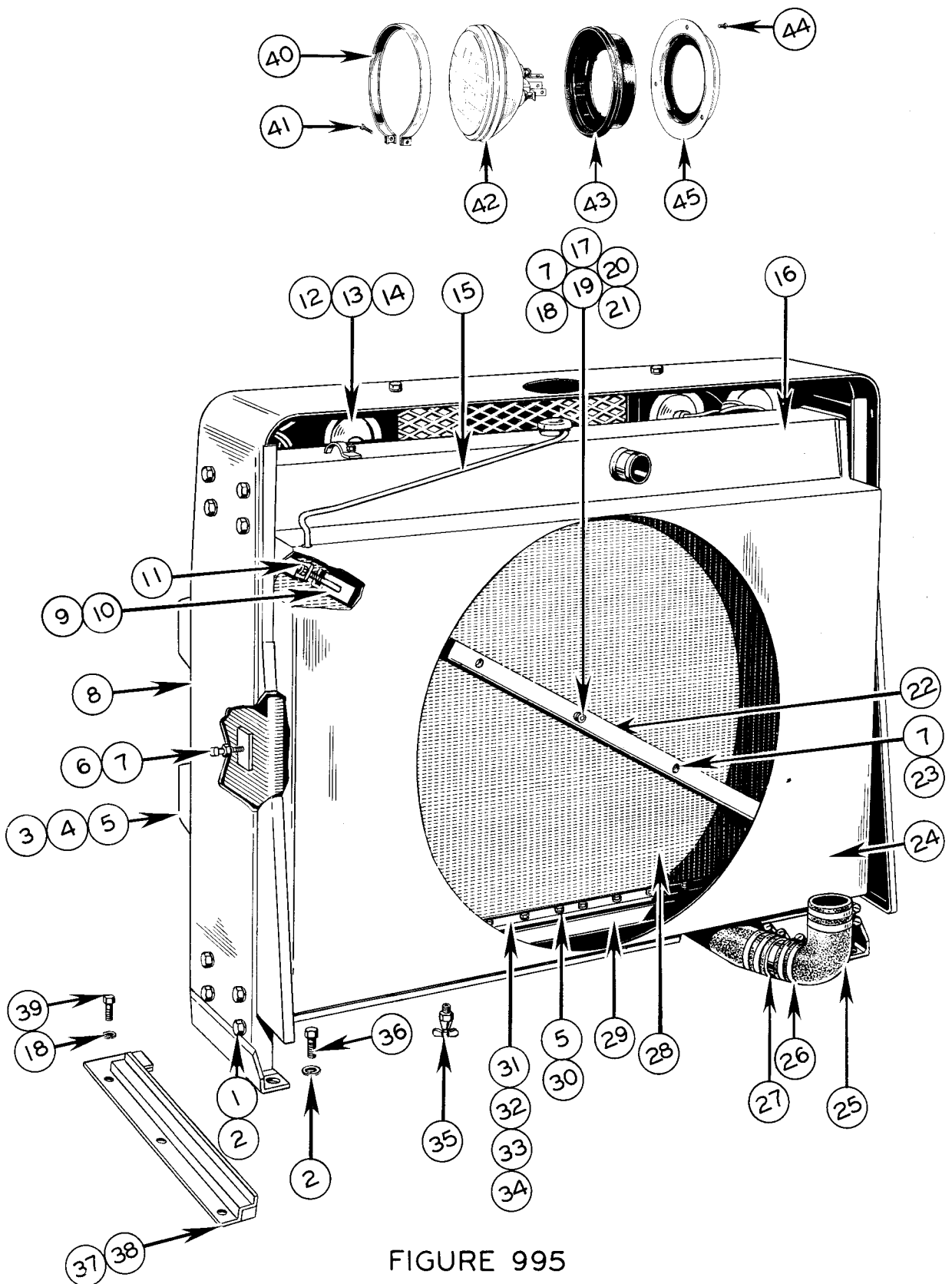


FIGURE 995

RADIATOR GRILLE & HEADLIGHTS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 995

RADIATOR, GRILLE & HEADLIGHTS

Ref. No.	Part No.	Description	Qty.
1	C-7595	CAPSCREW - 5/8" NC x 1 1/4"	16
2	C-1541	LOCKWASHER - 5/8"	20
3	TC-6095	GRILLE, LOWER	1
4	H-8524	CAPSCREW - 3/8" NC x 5/8"	4
5	C-312	LOCKWASHER - 3/8"	84
6	H-2849	CAPSCREW - 3/8" NC x 2 1/2"	2
7	SD-4572	NUT, JAM - 3/8" NC	10
8	TC-5796	GRILLE & SHELL (Effective thru Serial Suffix BPA4-C.)	1
	TD-7631	GRILLE & SHELL (Effective with Serial Suffix BPA4-D.)	1
9	TC-7171	TIE BAR, REAR	1
10	TC-6191	TIE BAR, FRONT	1
11	C-1523	NUT - 1/2" NC	8
12	SG-794	LAMP	4
13	TC-961	CLIP	8
14	DD-6152	SCREW, MACHINE - #12-24 x 1" } (Eff. thru Serial Suffix BPA4-C.) ...	8
	DC-8895	SCREW, MACHINE - #10-24 x 5/16" } (Eff. with Serial Suffix BPA4-D.) ...	12
	H-2643	LOCKWASHER - #10	12
15	TC-7163	HOSE, OVERFLOW	1
16	TC-5778	TANK, TOP (Includes DF-3923 Pressure Cap) (Used with Cummins Engine) ...	1
	TF-5620	TANK, TOP (Includes DF-3923 Pressure Cap) (Used with GM 6-110T Engine) .	1
17	SL-9063	BOLT - 1/2" NC x 10 1/2"	1
18	C-5774	LOCKWASHER - 1/4"	7
19	C-5780	NUT - 1/4" NC	1
20	C-1546	FLATWASHER - 1/4"	1
21	SL-9064	SETSCREW - 3/8" NC x 1 1/4"	4
22	SL-9089	KEEPER CHANNEL	2
23	R-6381	SETSCREW - 3/8" NC	4
24	TC-7161	SHROUD (Used with Cummins Engine)	1
	TF-5617	SHROUD (Used with GM 6-110T Engine)	1
	DC-5604	SCREW, SELF TAPPING - 1/4"	10
	SF-5816	FLATWASHER	10
25	TC-4860	HOSE	2
26	HC-920	CLAMP } (Used with Cummins Engines)	8
27	TC-7427	TUBE	1
28	TC-5735	CORE	1
29	TC-6178	TANK, BOTTOM	1
	TF-5621	TANK, BOTTOM (Used with GM6-110T Engine)	1
30	C-1602	CAPSCREW - 3/8" NC x 1"	80
31	TC-6181	STRIP, LONG (Top)	2
32	TC-5415	STRIP, SHORT (Top)	2
33	TC-7170	STRIP, LONG (Bottom)	2
34	TC-7169	STRIP, SHORT (Bottom)	2
35	SP-3571	DRAIN COCK	1
36	C-7575	CAPSCREW - 5/8" NF x 1"	4
37	TC-7175	FILLER PLATE, LEFT	1
38	TC-7177	FILLER PLATE, RIGHT	1
39	H-3336	CAPSCREW - 1/4" NC x 3/8"	6
	TD-9000	LAMP ASSEMBLY	4
40	TF-3122	CLAMP RING	4
41	DL-1496	SCREW - #10-24 x 1"	4
42	TD-4465	LAMP } (Eff. with Serial Suffix BPA4-D.) ...	4
43	TF-3120	DAMPER	4
44	TF-3117	SCREW	16
45	TF-3119	ADAPTOR	4

(CUMMINS ENGINES - EFFECTIVE WITH SERIAL SUFFIX BPA4)
(GM 6-110T ENGINES - EFFECTIVE WITH SERIAL SUFFIX BPA4-H ONLY)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

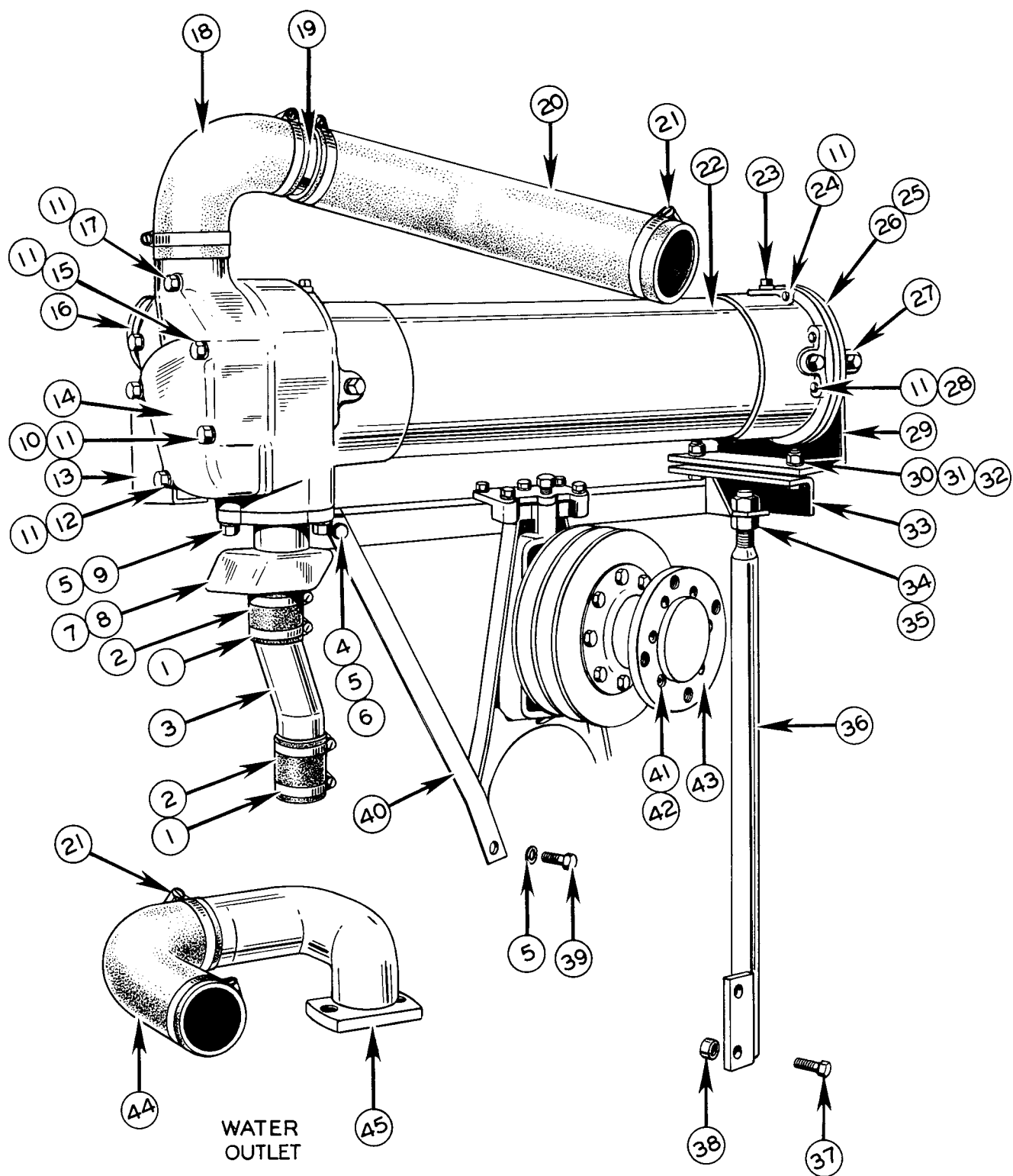


FIGURE 787
HEAT EXCHANGER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 787

HEAT EXCHANGER

Ref. No.	Part No.	Description	Qty.
1	DC-4979	HOSE CLAMP	4
2	TC-7405	HOSE	2
3	TC-6196	TUBE, BY-PASS	1
4	C-1602	CAPSCREW - 3/8" NC x 1"	1
5	C-312	LOCKWASHER - 3/8"	4
6	C-1521	NUT - 3/8" NC	1
7	TC-7486	CONNECTION, BY-PASS	1
8	TC-7187	GASKET	1
9	DC-7524	CAPSCREW - 3/8" NC x 7/8"	2
10	H-9916	CAPSCREW - 5/16" NC x 6"	3
11	C-1538	LOCKWASHER - 5/16"	16
12	H-9912	CAPSCREW - 5/16" NC x 3 1/2"	2
13	TC-7408	BRACKET - RIGHT	1
14	TC-6199	CONNECTION, WATER	1
15	R-5412	CAPSCREW - 5/16" NC x 3 1/4"	3
16	TC-6198	HOUSING, THERMOSTAT	1
	TF-2569	GASKET	1
17	H-9914	CAPSCREW - 5/16" NC x 5"	1
18	TC-7426	HOSE ELBOW	1
19	TD-6504	TUBE	1
20	TC-4860	HOSE	1
21	HC-920	HOSE CLAMP	8
22	SV-2933	HEAT EXCHANGER	1
23	C-5770	PIPE PLUG - 3/8"	6
24	C-1598	CAPSCREW - 5/16" NC x 1"	4
25	TC-7417	CAP	1
26	SV-2936	GASKET	2
27	C-5771	PIPE PLUG - 1/2"	2
28	H-8620	CAPSCREW - 5/16" NC x 1 1/4"	4
29	TC-7411	BRACKET - LEFT	1
30	C-1612	CAPSCREW - 1/2" NC x 1"	3
31	C-1540	LOCKWASHER - 1/2"	3
32	C-1523	NUT - 1/2" NC	3
33	TC-7416	SUPPORT	1
34	C-1527	NUT - 3/4" NC	2
35	C-1542	LOCKWASHER - 3/4"	1
36	TC-7182	TIE BAR	1
37	D-2136	CAPSCREW - 7/16" NF x 2 1/2"	2
38	TC-7181	SPACER	2
39	C-7574	CAPSCREW - 3/8" NF x 2 1/4"	1
40	TC-7178	BRACE	1
41	R-1352	CAPSCREW - 5/16" NC x 3/4"	6
42	C-1520	NUT - 5/16" NC	6
43	TC-7402	ADAPTOR, FAN HUB	1
44	TC-7425	HOSE ELBOW	1
45	TC-7424	TUBE	1
		NOT SHOWN	
	HC-1851	DRAIN COCK	1
		(USED WITH CUMMINS ENGINE & ALLISON TRANSMISSION) (EFFECTIVE WITH SERIAL SUFFIX BPA4.)	

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

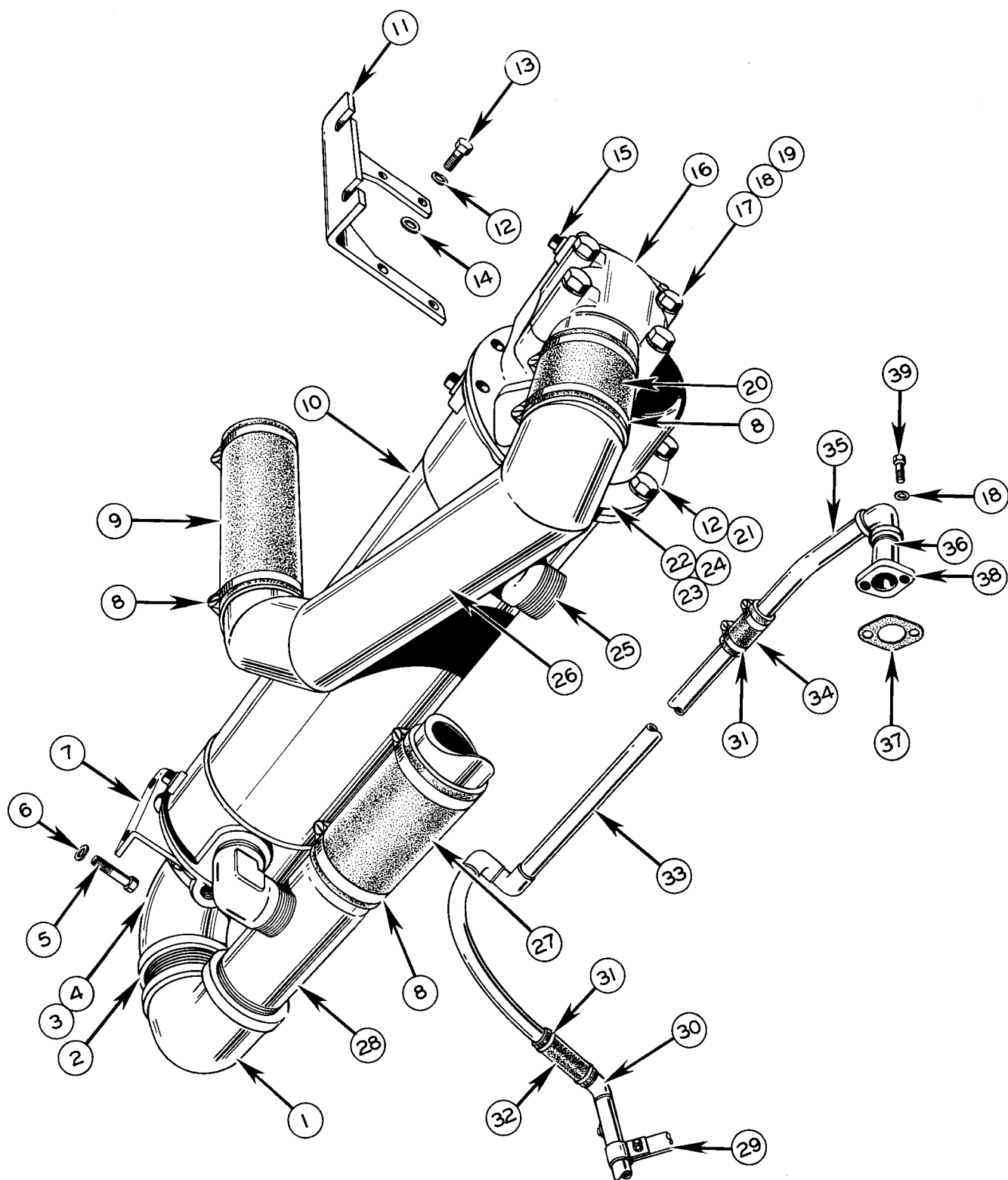


FIGURE 788

HEAT EXCHANGER

HEAT EXCHANGER

10-58 8

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

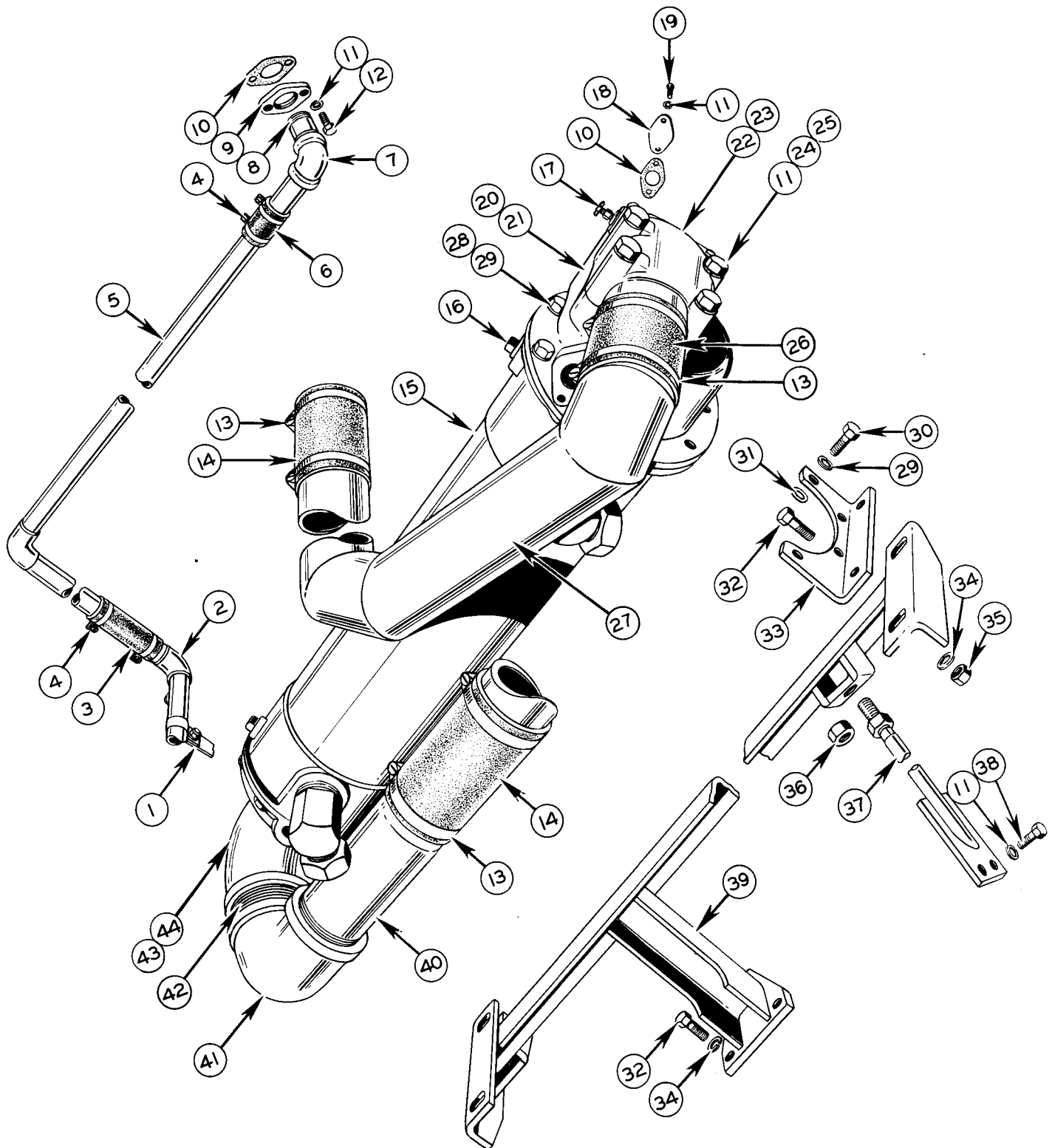


FIG. 1107

HEAT EXCHANGER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1107

HEAT EXCHANGER

Ref. No.	Part No.	Description	Qty.
1	TD-4862	CLAMP	1
2	TD-4860	ELBOW	1
3	TD-4859	HOSE	1
4	CD-9707	CLAMP	4
5	TF-6823	TUBE, BY-PASS	1
6	SV-8022	HOSE	1
7	TF-6827	TUBE, BY-PASS	1
8	DC-4975	NIPPLE - 3/4" x 2"	1
9	SV-6678	FLANGE	1
10	SV-6679	GASKET	2
11	C-312	LOCKWASHER - 3/8"	14
12	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	2
13	HC-920	CLAMP	4
14	TD-5344	HOSE	1
15	SV-4538	HEAT EXCHANGER	1
16	C-5770	PIPE PLUG - 3/8"	6
	C-5772	PIPE PLUG - 1"	1
	C-5771	PIPE PLUG - 1/2"	2
	C-5769	PIPE PLUG - 1/4"	3
17	HC-1851	DRAIN COCK - 1/4"	1
18	TF-6830	CAP	1
19	DC-7524	CAPSCREW - 3/8" NC x 7/8"	2
20	TF-6832	HOUSING, THERMOSTAT	1
21	TC-1439	THERMOSTAT	1
22	SV-6663	ELBOW, OUTLET	1
23	SV-6685	GASKET	1
24	C-1606	CAPSCREW - 3/8" NC x 2"	2
25	CC-8396	CAPSCREW - 3/8" NC x 2 3/4"	4
26	SV-7103	HOSE	1
27	TF-6829	TUBE, RADIATOR (GM 6-110T Engine)	1
	TG-1219	TUBE, RADIATOR (GM 6-110 Engine)	1
28	C-1598	CAPSCREW - 5/16" NC x 1"	8
29	C-1538	LOCKWASHER - 5/16"	16
30	H-8620	CAPSCREW - 5/16" NC x 1 1/4"	8
31	SV-7110	WASHER, SPACER	8
32	C-1613	CAPSCREW - 1/2" NC x 1 1/4"	7
33	SV-7101	BRACKET	2
34	C-1540	LOCKWASHER - 1/2"	7
35	C-1523	NUT - 1/2" NC	4
36	C-1527	NUT - 3/4" NC	4
37	TF-6820	TIE BAR - RIGHT	1
	TF-6819	TIE BAR - LEFT	1
38	C-1602	CAPSCREW - 3/8" NC x 1"	4
39	TF-6807	SUPPORT	1
40	TF-5302	PIPE	1
41	DD-878	ELBOW - 2 1/2" x 90°	1
42	TD-4857	NIPPLE - 2 1/2" x 4"	1
43	SP-8308	STREET ELL - 2 1/2" x 90°	1
44	TC-1849	BUSHING - 3" x 2 1/2"	1
(USED WITH GM ENGINE & ALLISON TRANSMISSION) (EFFECTIVE WITH SERIAL SUFFIX BPA4-K)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

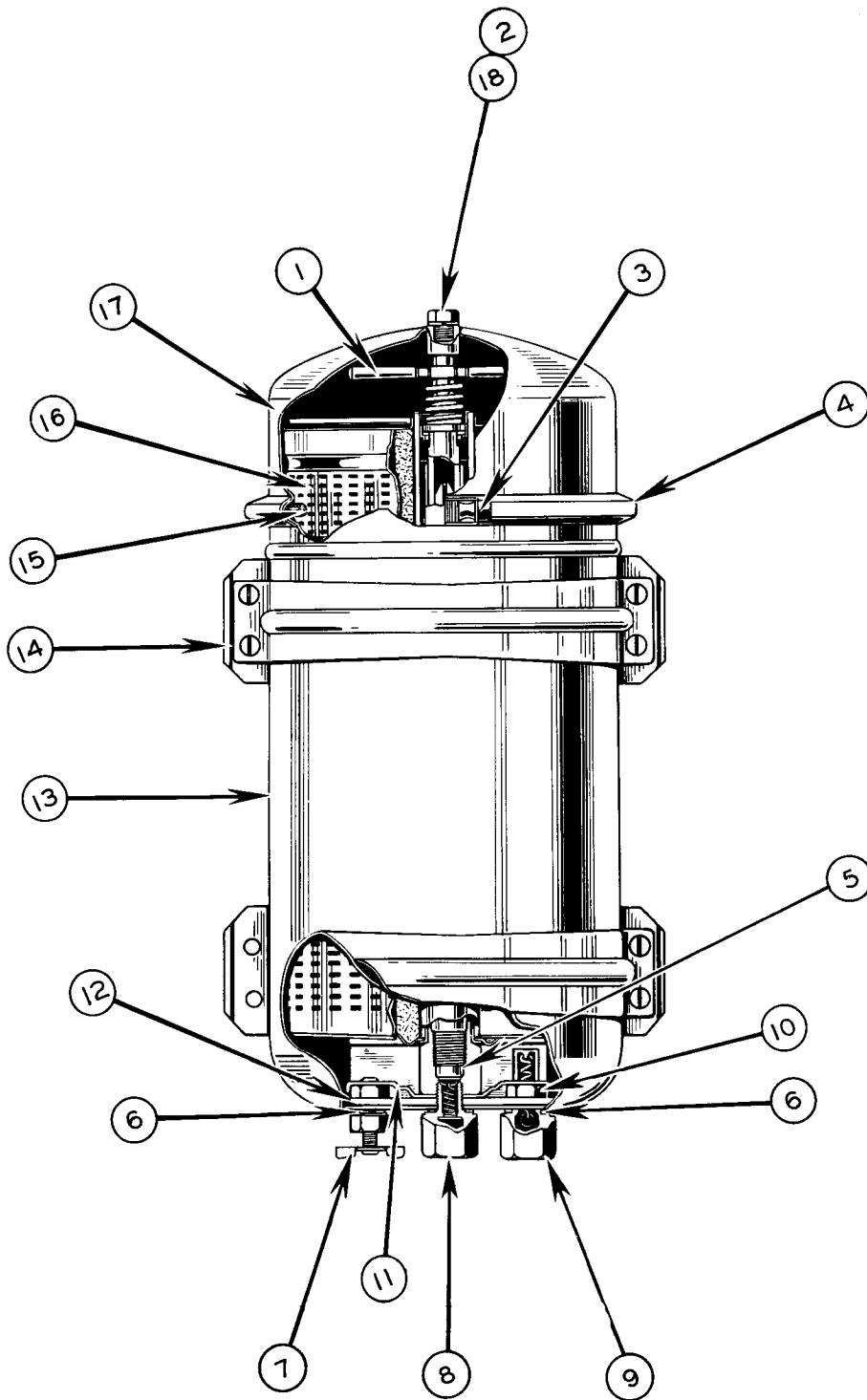


FIG. 865

LUBE OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 865 ENGINE LUBE OIL FILTER ASSEMBLY SP-3251

Ref. No.	Part No.	Description	Qty.
1	SL-9337	PACK HOLD-DOWN ASSEMBLY	1
	SL-9348	STUD	1
	SL-9344	HANDLE	1
	SL-9338	SPRING	1
	SL-9340	WASHER - STEEL	1
	SL-9339	WASHER - NEOPRENE	3
2	SL-3076	CAPSCREW	1
3	SL-9336	BOLT	1
4	SL-9334	CLAMPING RING ASSEMBLY	1
5	SL-208	TUBE & NUT ASSEMBLY	1
6	SL-210	WASHER, COPPER	3
7	TC-7801	DRAIN COCK	1
8	SL-5465	CHECK VALVE ASSEMBLY	1
	SL-211	BOLT, HOLLOW	1
9	SL-217	CHECK VALVE ASSEMBLY	1
	SL-9337	BOLT, HOLLOW	1
10	TF-1350	NUT - 5/8" NF	2
11	TD-7199	RETAINER	1
12	TD-7198	PACK SUPPORT	1
13	SP-1200	HOUSING	1
14	SL-9343	MOUNT BRACKET ASSEMBLY	2
	SL-9342	BRACKET	2
	SL-9341	BAND	2
	SL-9329	SCREW	8
	SL-9330	NUT	8
15	SL-9335	GASKET	1
16	SD-1311	FILTER ELEMENT	1
17	SP-1202	COVER	1
18	SL-3077	WASHER	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

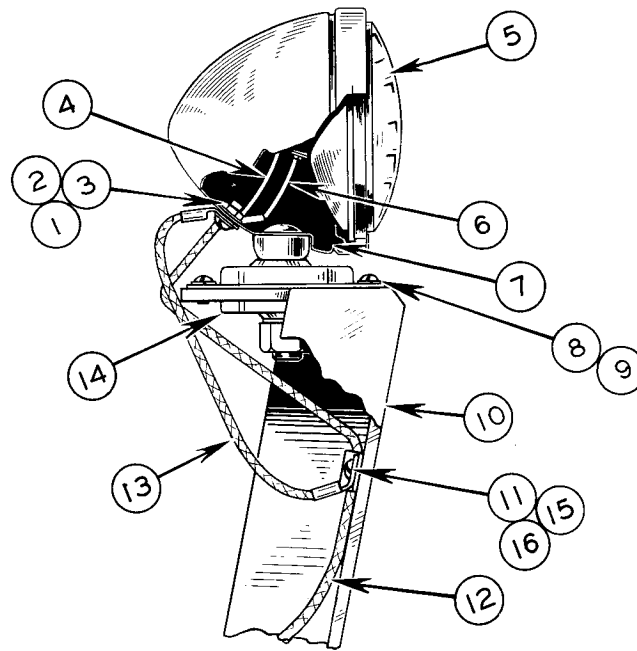


FIG. 998 A
SCRAPER LIGHT

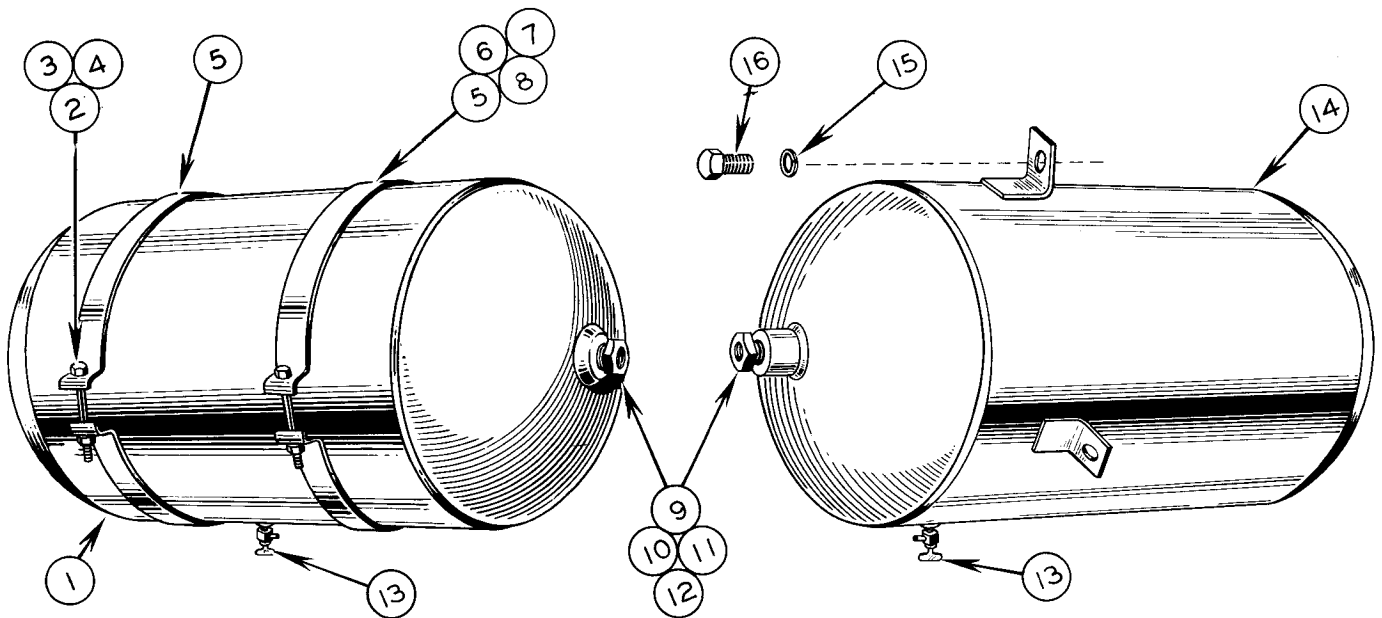


FIG. 998 B

AIR TANK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 998A

SCRAPER LIGHT

Ref. No.	Part No.	Description	Qty.
1	SG-1446	LAMP ASSEMBLY	1
2	DC-5003	MACHINE SCREW - #6-32 x 5/16"	1
3	CC-6522	LOCKWASHER - #6	1
4	DD-2468	NUT - #6-32	1
5	SG-1417	WIRE	1
6	CC-5726	LAMP	1
7	SG-1418	WIRE, GROUND	1
8	HC-1151	RECEPTACLE	1
9	SC-730	MACHINE SCREW - #10-24 x 3/8"	5
10	H-2643	LOCKWASHER - #10	5
11	TC-2785	BRACKET	1
12	C-5780	NUT - 1/4" NC	1
13	SV-7152	WIRE - LIGHT TO SWITCH BOX	1
14	SV-7151	WIRE - GROUND	1
15	SG-842	DAMPENER	1
16	CC-6172	CLIP	2
	DF-3042	FLATWASHER - 3/8"	1

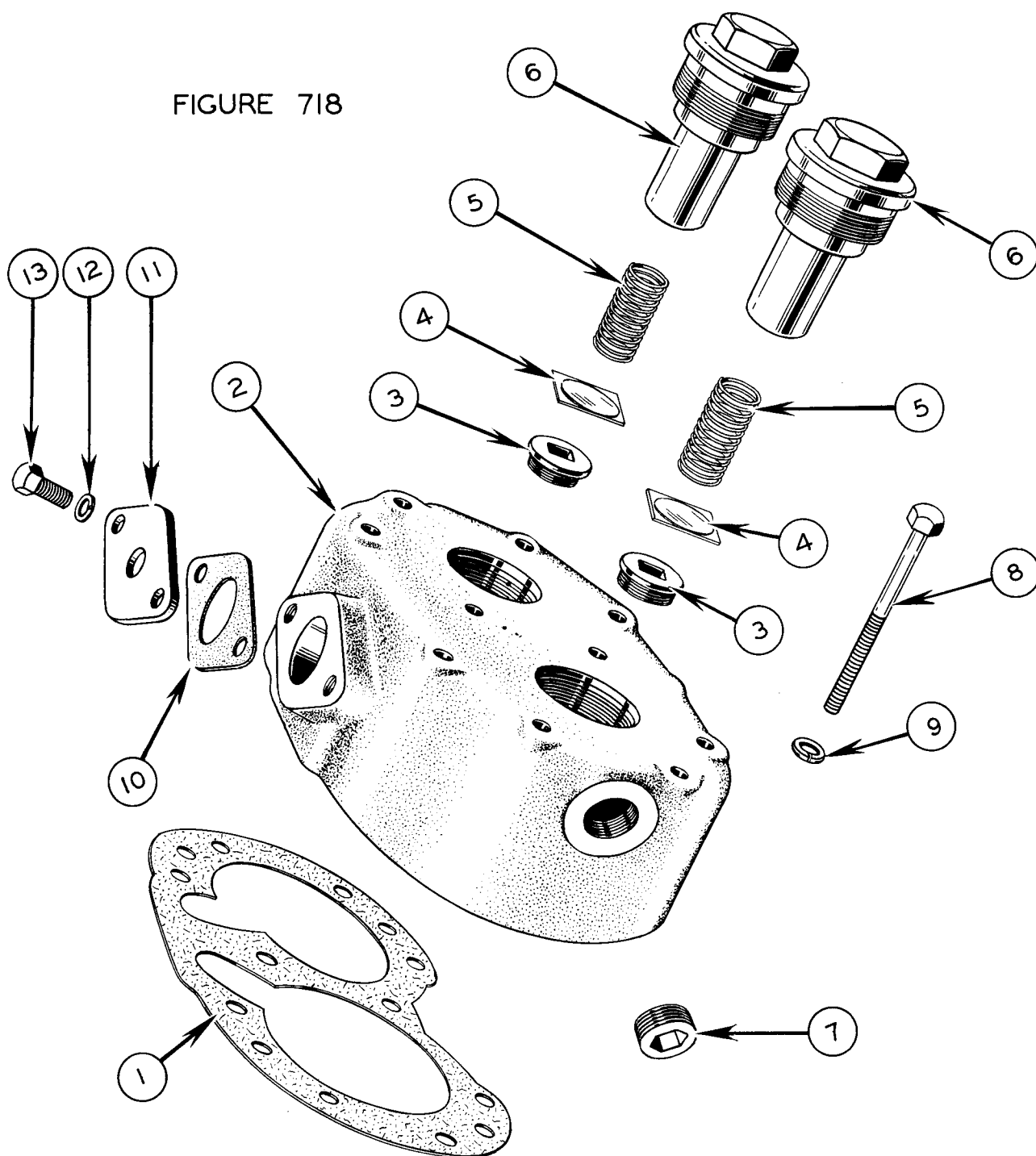
FIGURE 998B

AIR TANK

1	SL-7328	AIR TANK	1
2	SP-2820	MACHINE SCREW - 5/16"	2
3	C-1538	LOCKWASHER - 5/16"	2
4	SP-2821	NUT - 5/16" NC	2
5	HC-1432	STRAP	2
6	C-1602	CAPSCREW - 3/8" NC x 1"	4
7	C-312	LOCKWASHER - 3/8"	4
8	C-1521	NUT - 3/8" NC	4
9	SF-4094	BUSHING - 3/4" x 1/2"	1
10	HC-1853	SCREEN	1
11	HC-1854	SPRING	1
12	DC-221	CLOSE NIPPLE - 3/8"	1
13	HC-1851	DRAIN COCK	1
14	TC-386	AIR TANK (Eff. thru Serial Suffix BPF4-G.)	1
	TC-3243	AIR TANK (Eff. with Serial Suffix BPA4 & BPF4-H.)	1
15	C-1541	LOCKWASHER - 5/8"	3
16	C-7594	CAPSCREW - 5/8" NC x 1"	3
NOTE: REF. NOS. 1 THRU 13 EFFECTIVE THRU SERIAL SUFFIX BPF3-B. REF. NOS. 9 THRU 16 EFFECTIVE WITH SERIAL SUFFIX BPF4 & BPA4.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 718



AIR COMPRESSOR CYLINDER HEAD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 718

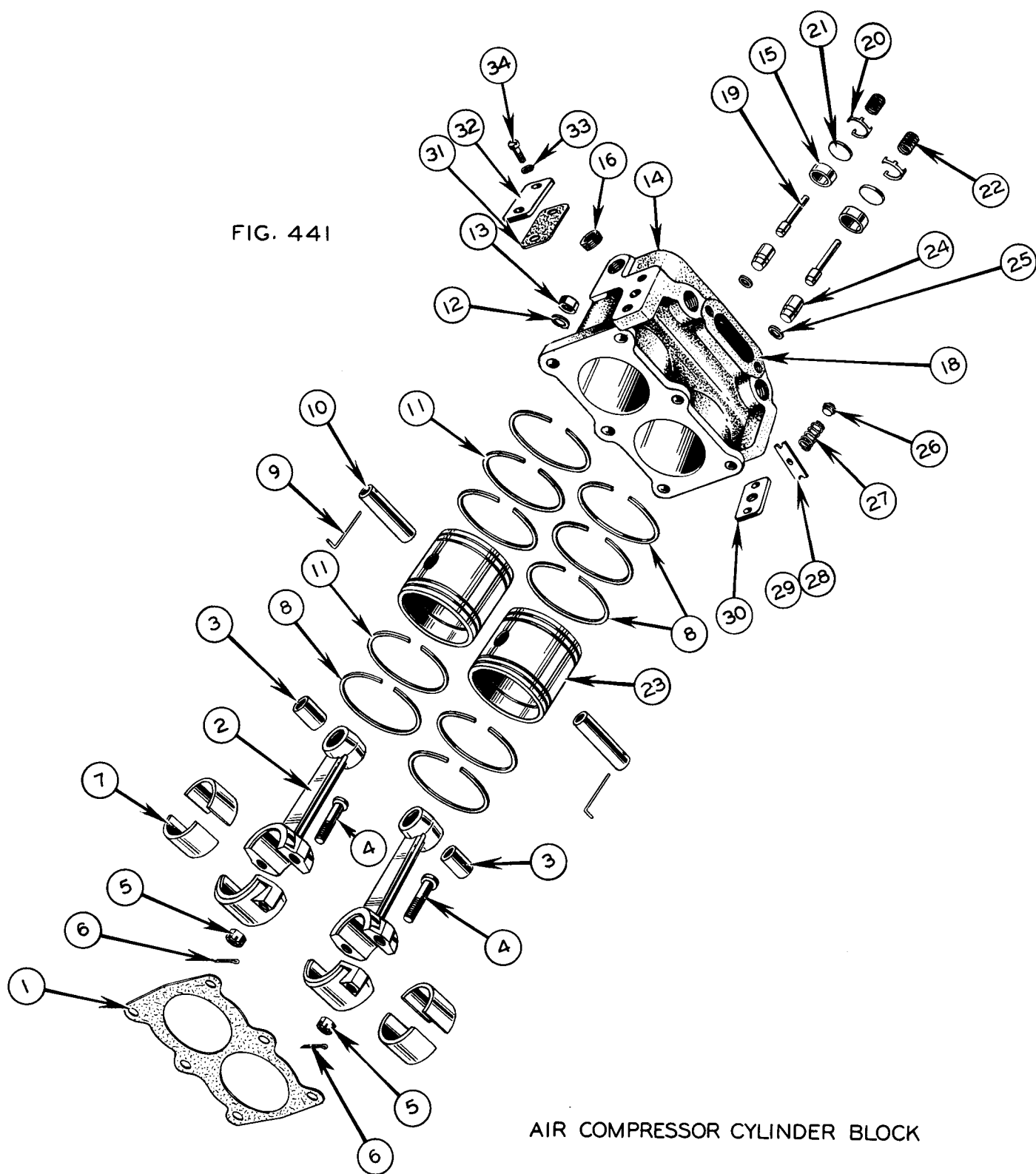
AIR COMPRESSOR CYLINDER HEAD

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	TC-7818	GASKET	1
2	SP-9026	CYLINDER HEAD COMPLETE	1
	SP-9028	CYLINDER HEAD BODY COMPLETE	1
	SL-3049	CYLINDER HEAD	1
3	TC-4443	DISCHARGE VALVE SEAT	2
4	SG-1463	DISCHARGE VALVE	2
5	SG-1271	VALVE SPRING	2
6	SL-3051	CAP NUT	2
7	SH-1272	PIPE PLUG - 3/8"	2
8	SV-4721	CAPSCREW - 5/16" - 18	10
9	SV-1319	LOCKWASHER - 5/16"	10
10	SF-4803	GASKET	1
NOT INCLUDED IN AIR COMPRESSOR ASSEMBLY			
11	SF-4802	PLATE, AIR OUTLET (Eff. thru Serial Suffix BPF4-G.)	1
	TD-3410	PLATE, AIR OUTLET (Eff. with Serial Suffix BPF4-H.)	1
12	C-1538	LOCKWASHER - 5/16"	2
13	E-4538	CAPSCREW - 5/16" NC x 7/8"	2
NOTES: SV-4720, TC-7800 AND TC-7811 COMPRESSOR ASSEMBLY INCLUDE CYLINDER HEAD, CYLINDER BLOCK AND CRANK-CASE GROUPS. SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR. SV-4720 ASSY. (B-W #227195) AND TC-7800 ASSY. (B-W #227790) EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 THRU BPF4-E. TC-7811 (B-W #228266) & TF-9880 (B-W #228789) ASSYS. EFFECTIVE WITH SERIAL SUFFIX BPF4-F, AND BPA4. (EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP, ALSO BPA4 & UP) (USED WITH CUMMINS ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 441



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 441

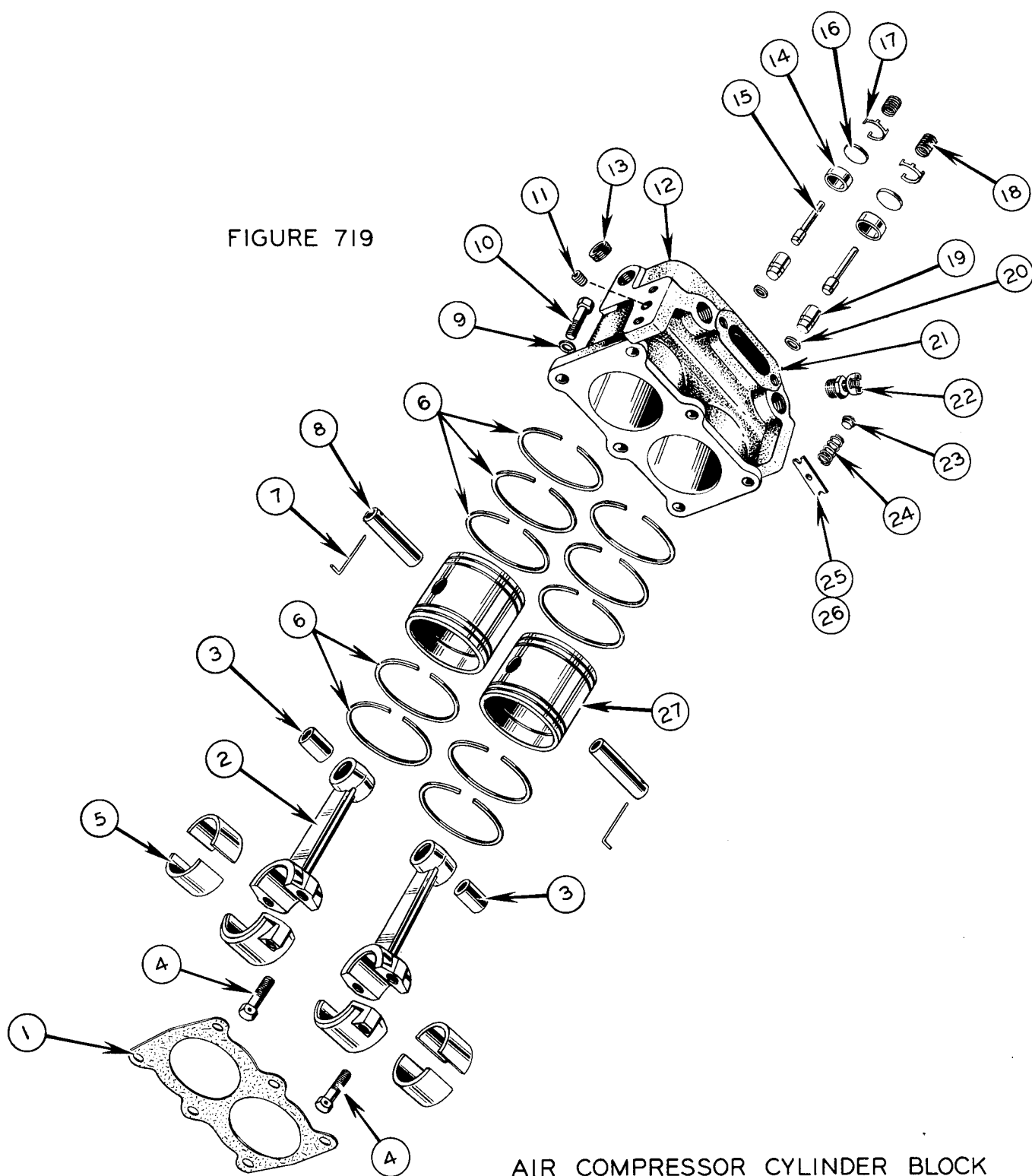
AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SG-1294	GASKET	1
	SG-1279	CONNECTING ROD COMPLETE	2
2	SG-1497	CONNECTING ROD & CAP COMPLETE	2
3	SH-1271	BUSHING	2
4	SG-1453	BOLT	4
5	SG-1191	NUT	4
6	SG-1177	COTTER PIN	4
7	SH-1264	INSERT	4
8	SP-9035	PISTON RING - WIDE *	4
9	SL-3044	LOCKWIRE	2
10	SL-3043	WRIST PIN	2
11	SP-9034	PISTON RING - NARROW *	6
12	SG-6575	LOCKWASHER - 3/8"	6
13	SG-1183	NUT - 3/8" - 24	6
14	TC-7812	CYLINDER BLOCK COMPLETE **	1
		CYLINDER BLOCK (NOT SERVICED)	1
15	SP-9048	INLET VALVE SEAT	2
16	SH-1272	PIPE PLUG - 3/8"	2
18	SL-3045	GASKET	1
19	SV-4392	PLUNGER, UNLOADER	2
20	SL-3038	GUIDE, INLET VALVE	2
21	SL-3039	VALVE, INLET	2
22	SL-3040	SPRING, INLET VALVE	2
23	TD-7172	PISTON & PIN ASSY. (Includes SL-3043 Pin)	2
24	SR-7004	UNLOADER PISTON ASSEMBLY	2
	SR-7006	RING, BACK UP	2
25	SR-7005	GROMMET	2
26	SP-9040	SPRING SEAT, UNLOADER	1
27	SL-3037	SPRING, UNLOADER	1
	SP-9023	UNLOADER SPRING SADDLE COMPLETE	1
28	TC-7814	SADDLE	1
29	SV-4393	GUIDE	1
30	SP-8087	ADAPTOR, COVER	1
31	SP-8085	GASKET	2
32	SV-1317	COVER	1
33	SV-1319	LOCKWASHER - 5/16"	4
34	SP-8086	MACHINE SCREW - 5/16" - 18	4
	SV-4726	DRAIN COCK - 3/8" (Not Shown)	1
NOTES: * INCLUDED IN SR-8570 PISTON RING SET. ** ALSO INCLUDES ITEM 8 & 9 ON CYLINDER HEAD PARTS LIST. SV-4720 COMPRESSOR ASSY. (B-W #227195) INCLUDES CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS. SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR. (EFFECTIVE THRU SERIAL SUFFIX BPF3-B & BPF4-E) (USED WITH CUMMINS ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 719



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 719

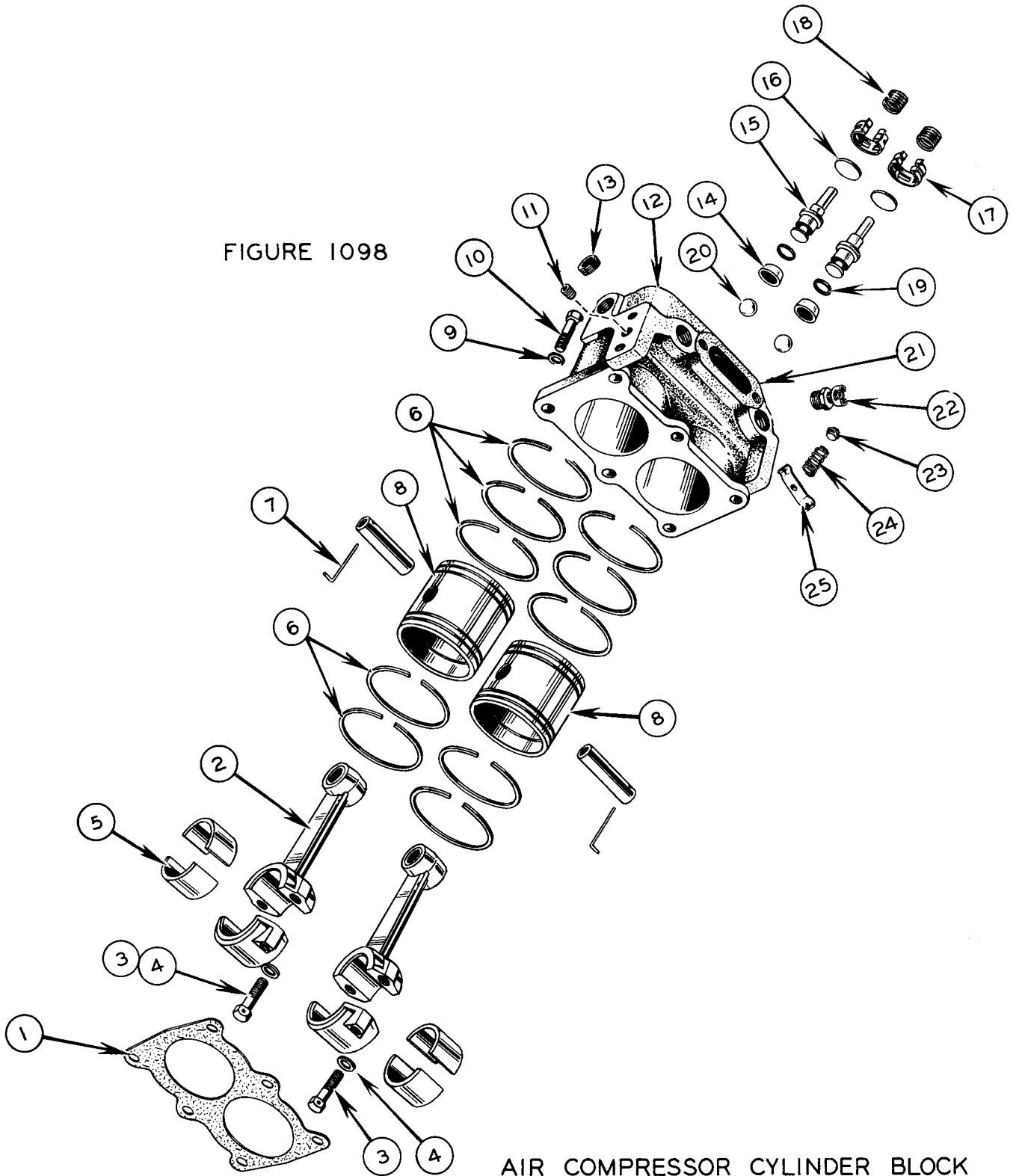
AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SG-1294	GASKET	1
	TC-6749	CONNECTING ROD COMPLETE	2
2	TC-7809	CONNECTING ROD & CAP	2
3	SH-1271	BUSHING	2
4	TC-7803	BOLT	4
5	SH-1264	BEARING INSERT	4
	TC-7805	PISTON RING SET	1
6	SP-9034	PISTON RING	10
7	SL-3044	LOCKWIRE	2
8	SL-3043	WRIST PIN	2
9	SV-6828	LOCKWASHER - 3/8"	12
10	SR-4599	CAPSCREW - 3/8" - 16	12
11	SG-6560	PIPE PLUG - 1/4"	1
12	TC-7812	CYLINDER BLOCK COMPLETE	1
13	SH-1272	PIPE PLUG - 3/8"	3
14	SP-9048	INLET VALVE SEAT	2
15	SV-4392	PLUNGER, UNLOADER	2
16	SL-3039	VALVE, INLET	2
17	SL-3038	GUIDE, INLET VALVE *	2
	TC-7817	GUIDE, INLET VALVE **	2
18	SL-3040	SPRING, INLET VALVE	2
19	SR-7004	PISTON *	2
	TC-7819	PISTON **	2
20	SR-7005	GROMMET	2
21	SL-3045	GASKET	1
22	SV-4726	DRAIN COCK - 3/8"	1
23	SP-9040	SEAT, UNLOADER SPRING	1
24	SL-3037	SPRING, UNLOADER	1
25	TC-7814	SADDLE, UNLOADER SPRING	1
26	SV-4393	GUIDE, UNLOADER SPRING	2
27	TC-7828	PISTON ASSEMBLY (Includes SL-3043 Wrist Pin)	2
NOT SHOWN			
	TC-7813	UNLOADER CUP **	2
	TC-7815	UNLOADER CUP STOP **	2
NOTES: * USED WITH TC-7800 ASSEMBLY. ** USED WITH TC-7811 ASSEMBLY. TC-7800 AND TC-7811 COMPRESSOR ASSEMBLY INCLUDE CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS. TC-7800 ASSY. (B-W #227790) EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4 THRU BPF4-E. TC-7811 ASSY. (B-W #228266) EFFECTIVE WITH SERIAL SUFFIX BPF4-F AND BPA4.			
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP, ALSO BPA4 & UP)			
(USED WITH CUMMINS ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1098



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1098

AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SG-1294	GASKET	1
2	TF-9886	CONNECTING ROD & CAP COMPLETE	2
3	TF-9887	BOLT	4
4	TF-9889	LOCKWASHER	4
5	TF-9888	INSERT	4
6	SP-9034	PISTON RING	10
7	SL-3044	LOCK WIRE	2
8	TC-7828	PISTON & PIN ASSEMBLY	2
9	SV-6828	LOCKWASHER	6
10	SR-4599	CAPSCREW	6
11	SG-6560	PIPE PLUG - 1/4"	1
12	TC-7812	CYLINDER BLOCK BODY COMPLETE	1
13	SH-1272	PIPE PLUG - 3/8"	3
14	TC-7813	UNLOADER CUP	2
15	TC-7819	UNLOADER PISTON	2
16	SL-3039	INLET VALVE	2
17	TC-7817	INLET VALVE GUIDE	2
18	SL-3040	INLET VALVE SPRING	2
19	SR-7005	GROMMET	2
20	TC-7815	UNLOADER CUP STOP	2
21	SL-3045	GASKET	1
22	SV-4726	DRAIN COCK	1
23	SP-9040	UNLOADER SPRING SEAT	1
24	SL-3037	UNLOADER SPRING	1
25	TC-7814	UNLOADER SPRING SADDLE	1
NOTE: TC-7805 PISTON RING SET INCLUDES REF. NO. 6. TF-9880 (B.W. #228789) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, CYLINDER BLOCK & CRANKCASE.			
(USED WITH CUMMINS ENGINES)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

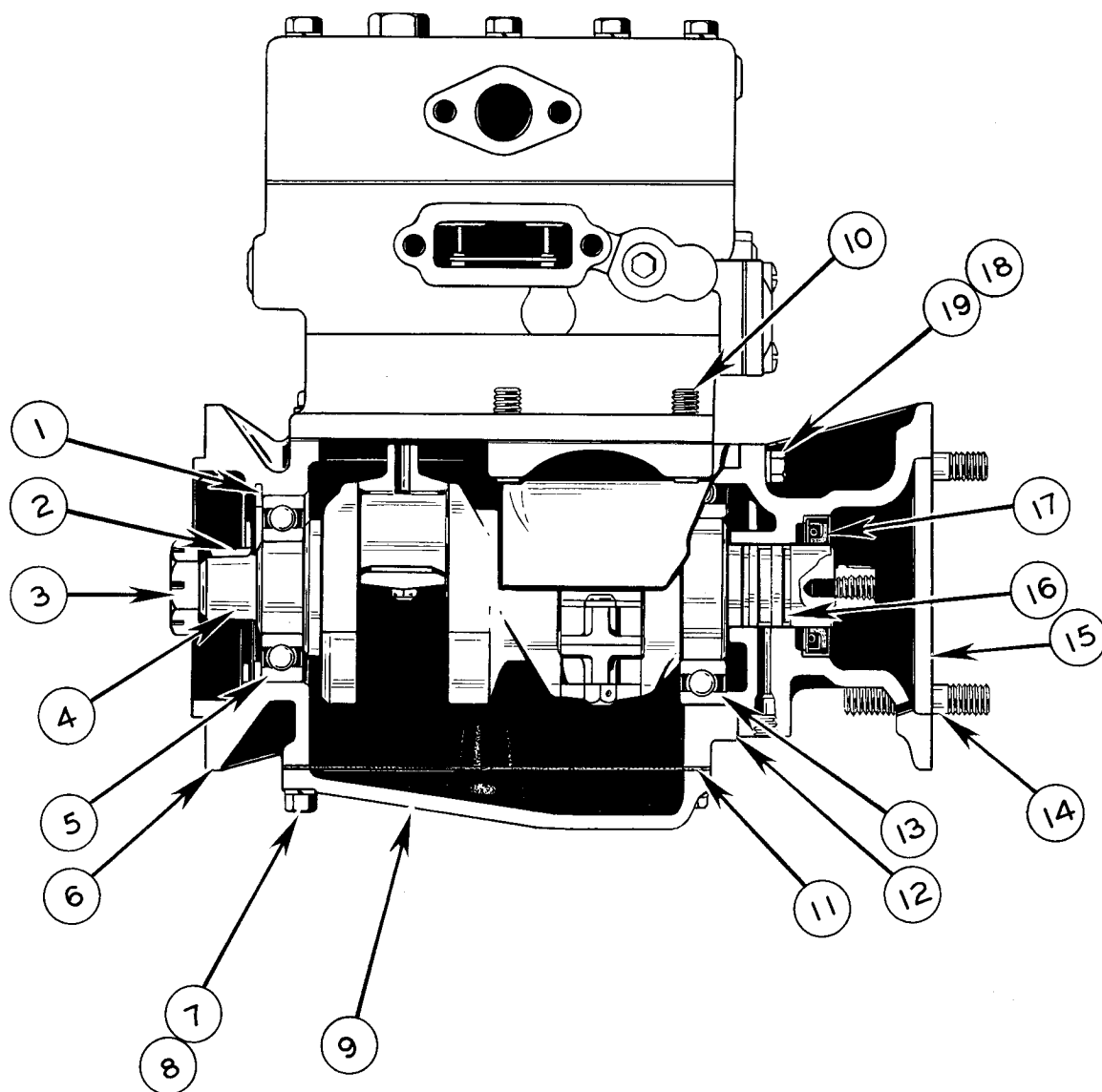


FIGURE 766

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 766

AIR COMPRESSOR CRANKCASE

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SR-4595	RETAINING RING	1
2	SV-4722	KEY	1
3	SV-4723	NUT - 7/8" - 14 MARSDEN HEX	1
4	SV-4715	CRANKSHAFT	1
5	SV-4730	BEARING	1
6		CRANKCASE (NOT SERVICED)	1
7	SV-1319	LOCKWASHER - 5/16"	6
8	SV-4719	CAPSCREW - 5/16" - 18	6
9	SV-4718	BASE	1
10	SH-1254	STUD - 3/8" (USED WITH SV-4720 ASSY.)	6
11	SV-4717	GASKET	1
12	SR-4597	GASKET	1
13	SP-9037	BEARING	1
14	SV-4724	STUD - 7/16" DIA. x 2 9/16"	2
	SV-4725	STUD - 7/16" DIA. x 1 9/16"	2
15	SR-4598	END COVER	1
16	SR-4596	RING, OIL SEAL	2
17	SV-4716	OIL SEAL	1
18	SR-4599	CAPSCREW - 3/8" - 16	6
19	TC-4441	LOCKWASHER - 3/8"	6
NOTES: SV-4720, TC-7800 AND TC-7811 COMPRESSOR ASSYS. INCLUDE CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS. SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR. SV-4720 ASSY. (B-W #227195) AND TC-7800 ASSY. (B-W #227790) EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 THRU BPF4-E. TC-7811 ASSY. (B-W #228266) EFFECTIVE WITH SERIAL SUFFIX BPF4-F AND BPA4. (EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP, ALSO BPA4 & UP) (USED WITH CUMMINS ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

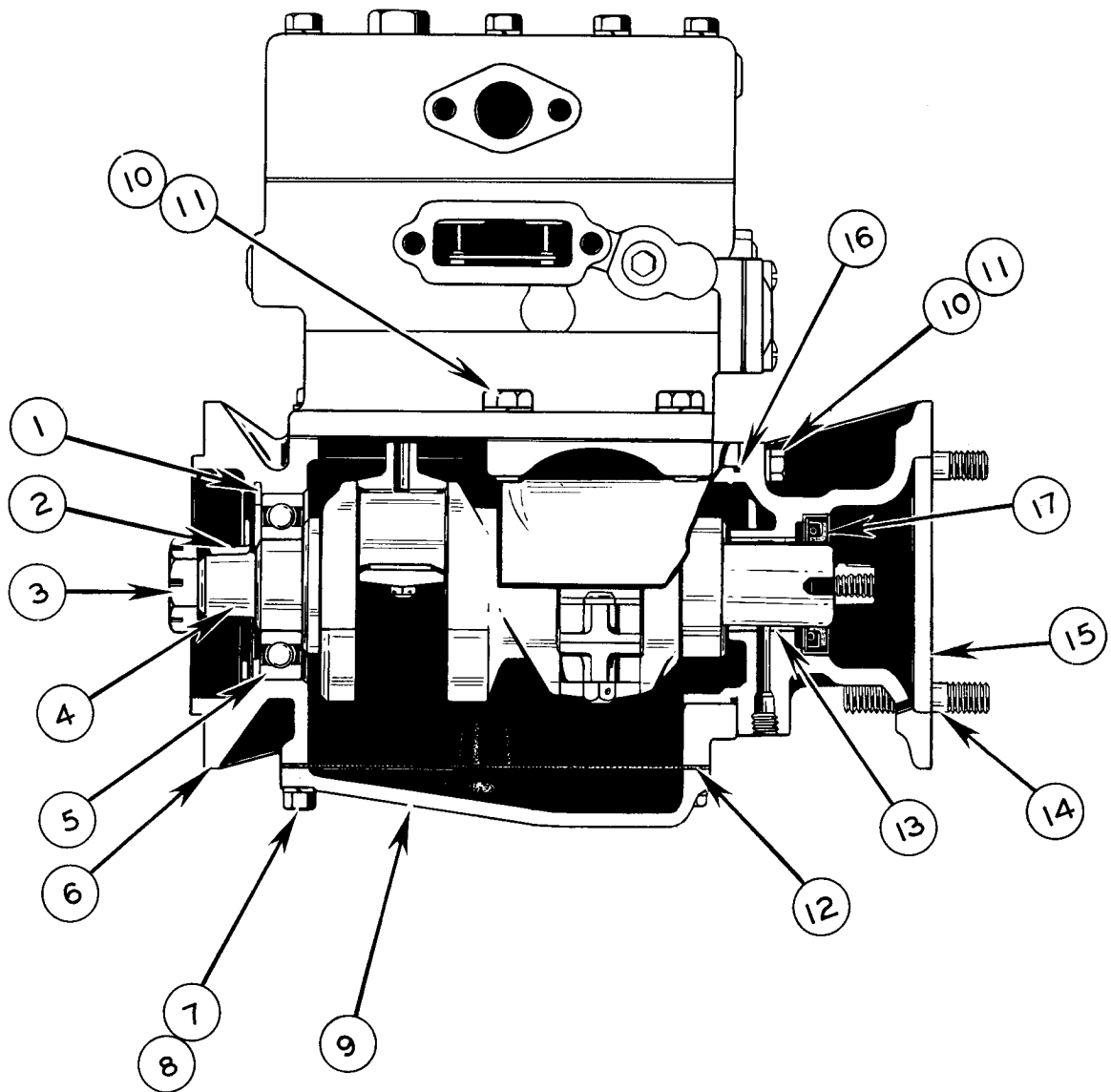


FIGURE 1096

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1096

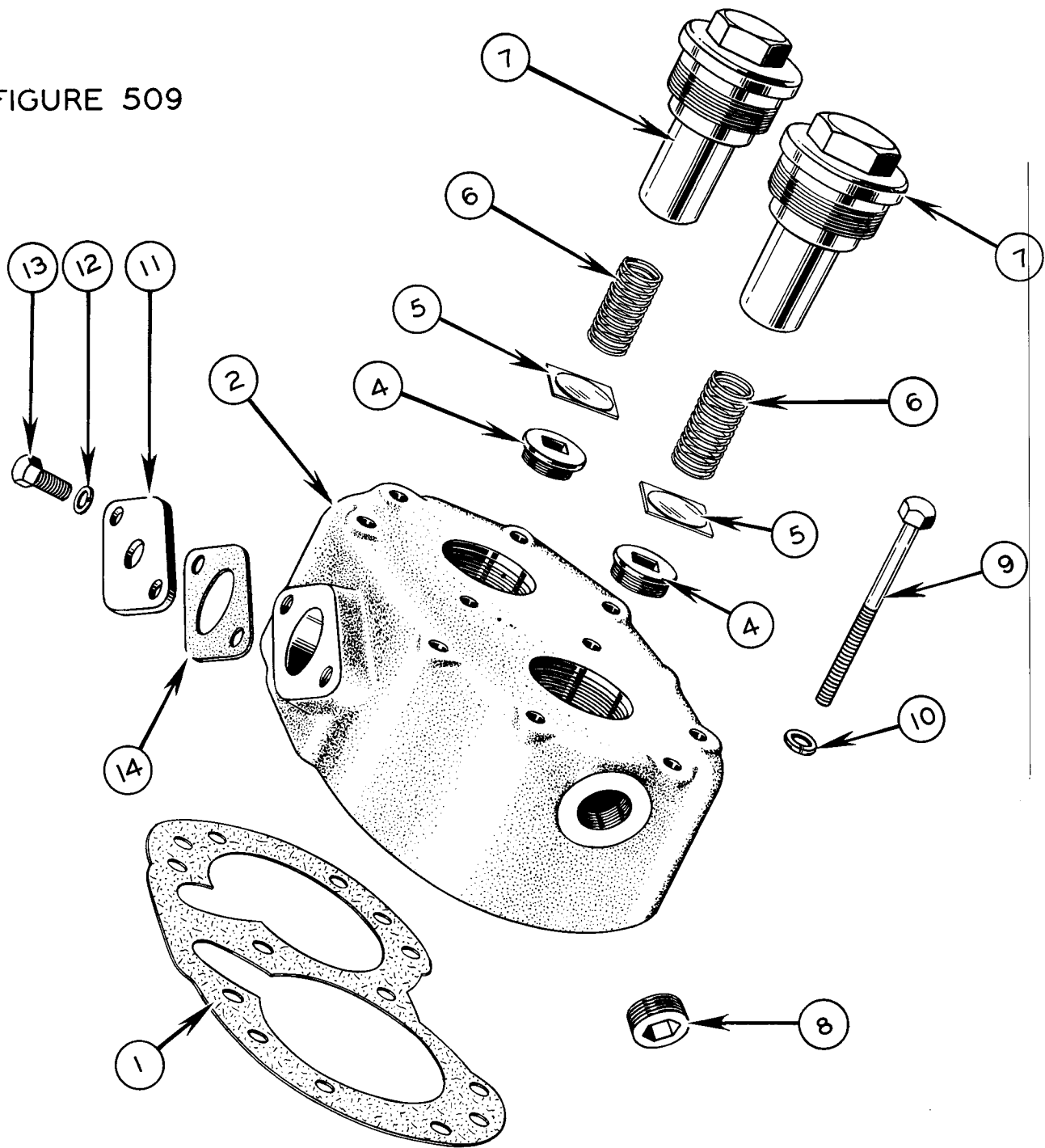
AIR COMPRESSOR CRANKCASE

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SR-4595	RETAINING RING	1
2	SV-4722	KEY	1
3	SV-4723	NUT	1
4	TF-9882	CRANKSHAFT	1
5	SV-4730	BEARING	1
6	TF-9881	CRANKCASE	1
7	SV-4719	CAPSCREW	6
8	SV-1319	LOCKWASHER	6
9	SV-4718	CRANKCASE COVER	1
10	SR-4599	CAPSCREW	12
11	SV-6828	LOCKWASHER	12
12	SV-4717	GASKET	1
13	TF-9885	BEARING	1
14	SV-4724	STUD	2
	SV-4725	STUD	2
15	TF-9884	REAR END COVER	1
16	TF-9883	GROMMET	1
17	SV-4716	OIL SEAL	1
NOTE: TF-9880 (B.W. #228789) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, CYLINDER BLOCK & CRANKCASE.			
(USED WITH CUMMINS ENGINES)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 509



AIR COMPRESSOR CYLINDER HEAD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 509

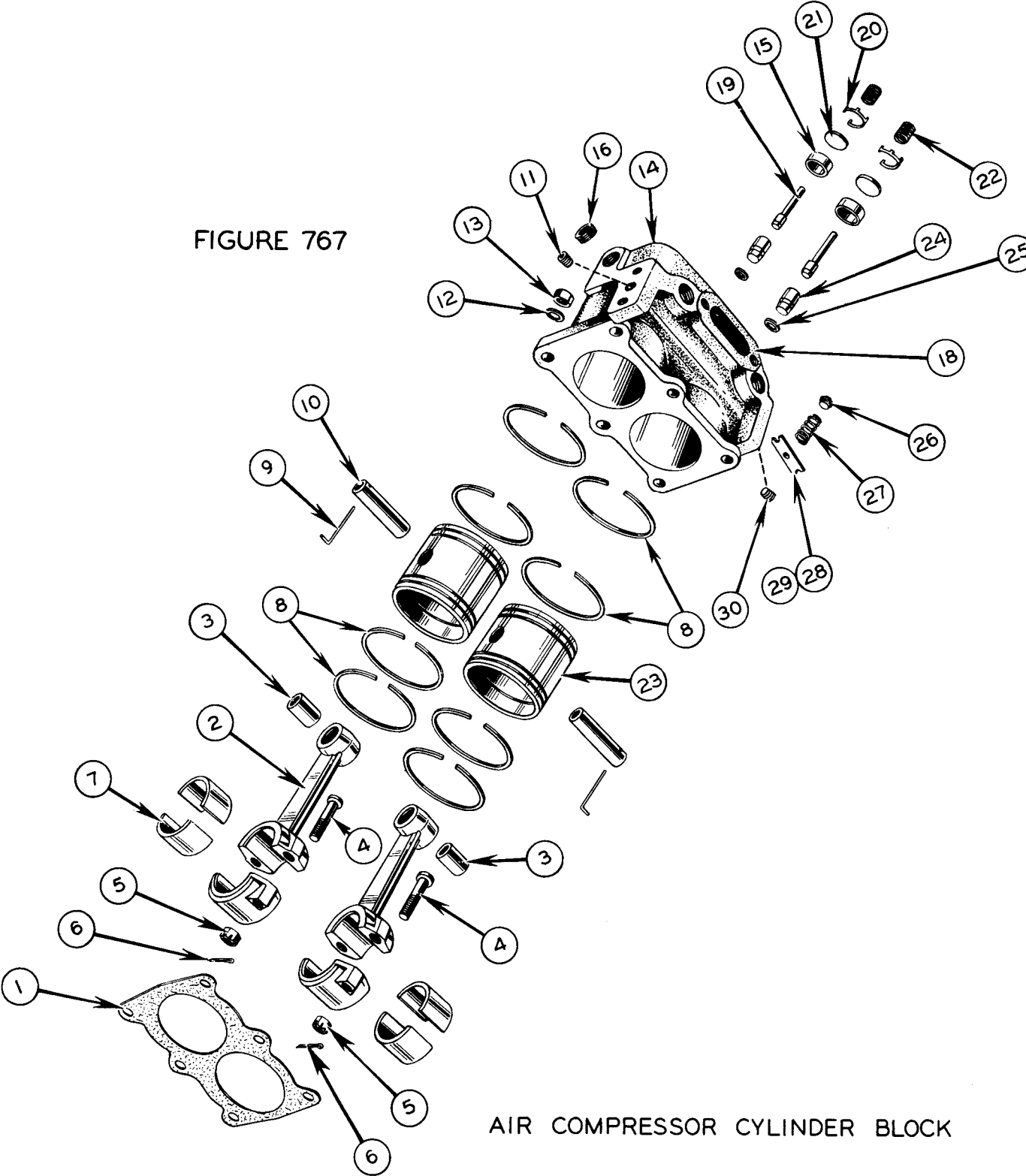
AIR COMPRESSOR CYLINDER HEAD

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SL-3048	GASKET	1
2	SP-9025	CYLINDER HEAD COMPLETE	1
	SP-9029	CYLINDER HEAD BODY COMPLETE	1
		CYLINDER HEAD (NOT SERVICED)	1
4	SL-3053	DISCHARGE VALVE SEAT	2
5	SF-7251	DISCHARGE VALVE	2
6	SG-1271	VALVE SPRING	2
7	SG-6550	CAP NUT	2
8	SH-1272	PIPE PLUG - 3/8"	2
9	SV-6831	CAPSCREW - 5/16" NC	8
10	C-1538	LOCKWASHER - 5/16"	8
11	SF-4802	PLATE, AIR OUTLET	1
12	C-1538	LOCKWASHER - 3/8" } Not included in Air Compressor Assembly ...	2
13	E-4538	CAPSCREW - 5/16" NC x 7/8" }	2
14	SF-4803	GASKET	1
NOTES: TC-1936 COMPRESSOR ASSEMBLY (B-W #226434) INCLUDES CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS. SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR			
(USED WITH GM ENGINES)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 767



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 767

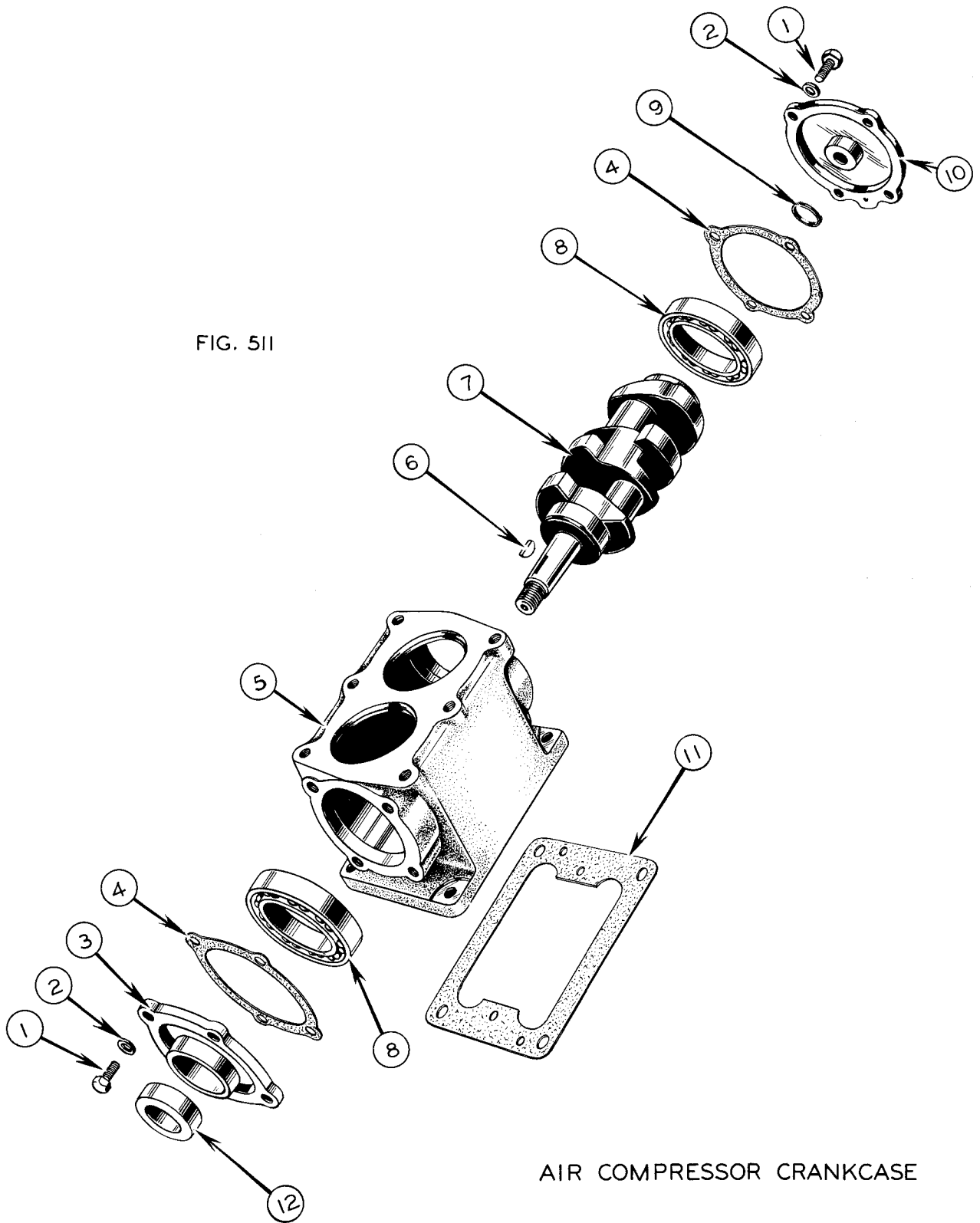
AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SF-7260	GASKET	1
	SF-5795	CONNECTING ROD COMPLETE	2
2	SG-6555	CONNECTING ROD & CAP COMPLETE	2
3	SG-5593	BUSHING	2
4	SG-1192	BOLT	4
5	SG-1191	NUT	4
6	SG-1177	COTTER PIN	4
7	SG-6563	INSERT	4
8	SV-6832	PISTON RING SET	1
9	SL-3044	LOCKWIRE	2
10	SL-3047	WRIST PIN	2
11	SH-1270	PIPE PLUG - 1/16"	1
12	SV-6828	LOCKWASHER - 3/8"	6
13	SV-6827	CAPSCREW - 3/8" NC	6
14	SV-6829	CYLINDER BLOCK COMPLETE	1
		CYLINDER BLOCK (NOT SERVICED)	1
15	SP-9048	DISCHARGE VALVE SEAT	2
16	SH-1272	PIPE PLUG - 3/8"	3
18	SL-3045	GASKET	1
19	SV-4392	PLUNGER, UNLOADER	2
20	SL-3038	GUIDE, INLET VALVE	2
21	SL-3039	VALVE, INLET	2
22	SL-3040	SPRING, INLET VALVE	2
23	SL-3046	PISTON ASSY. (INCLUDES ITEMS 9 & 10)	2
24	SR-7004	UNLOADER PISTON ASSEMBLY	2
	SR-7006	RING, BACK UP	2
25	SR-7005	GROMMET	2
26	SP-9040	SPRING SEAT, UNLOADER	1
27	SL-3037	SPRING, UNLOADER	1
	SP-9020	UNLOADER SPRING SADDLE COMPLETE	1
28	SV-4391	SADDLE	1
29	SV-4393	SPRING SEAT	1
30	SH-2321	PIPE PLUG - 1/8"	1
		NOT SHOWN	
	SG-6560	PIPE PLUG - 1/4"	1
		NOTES: TC-1936 COMPRESSOR ASSEMBLY (B-W #226434) INCLUDES CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS.	
		SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR.	
		(USED WITH GM ENGINE)	

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 511



AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 511

AIR COMPRESSOR CRANKCASE

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SV-4719	CAPSCREW - 5/16" NC	8
2	SV-1319	LOCKWASHER - 5/16"	8
3	SG-6558	COVER, FRONT	1
4	SG-5596	GASKET	2
5	TC-1937	CRANKCASE COMPLETE *	1
		CRANKCASE (NOT SERVICED)	1
6	SG-1273	KEY	1
7	SG-6557	CRANKSHAFT	1
8	SL-3034	BEARING	2
9	SG-1251	RING, OIL SEAL	1
10	SG-6559	COVER, REAR	1
11	SG-6552	OIL SEAL	1
NOTES: * ALSO INCLUDES REF. NOS. 1, 2, 12 AND 13 ON CYLINDER BLOCK GROUP. TC-1936 COMPRESSOR ASSEMBLY (B-W #226434) INCLUDES CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE GROUPS. SEE ENGINE COMPANY PARTS CATALOG FOR DRIVE AND MOUNTING OF COMPRESSOR			
(USED WITH GM ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

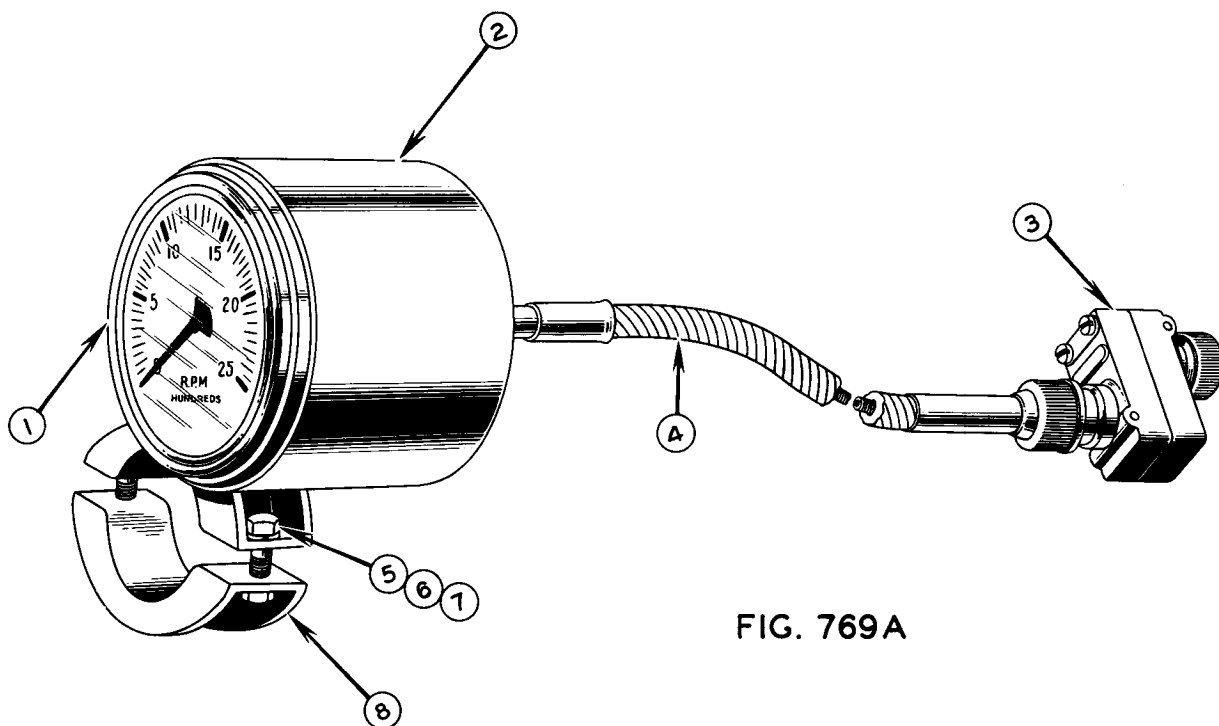


FIG. 769A

TACHOMETER

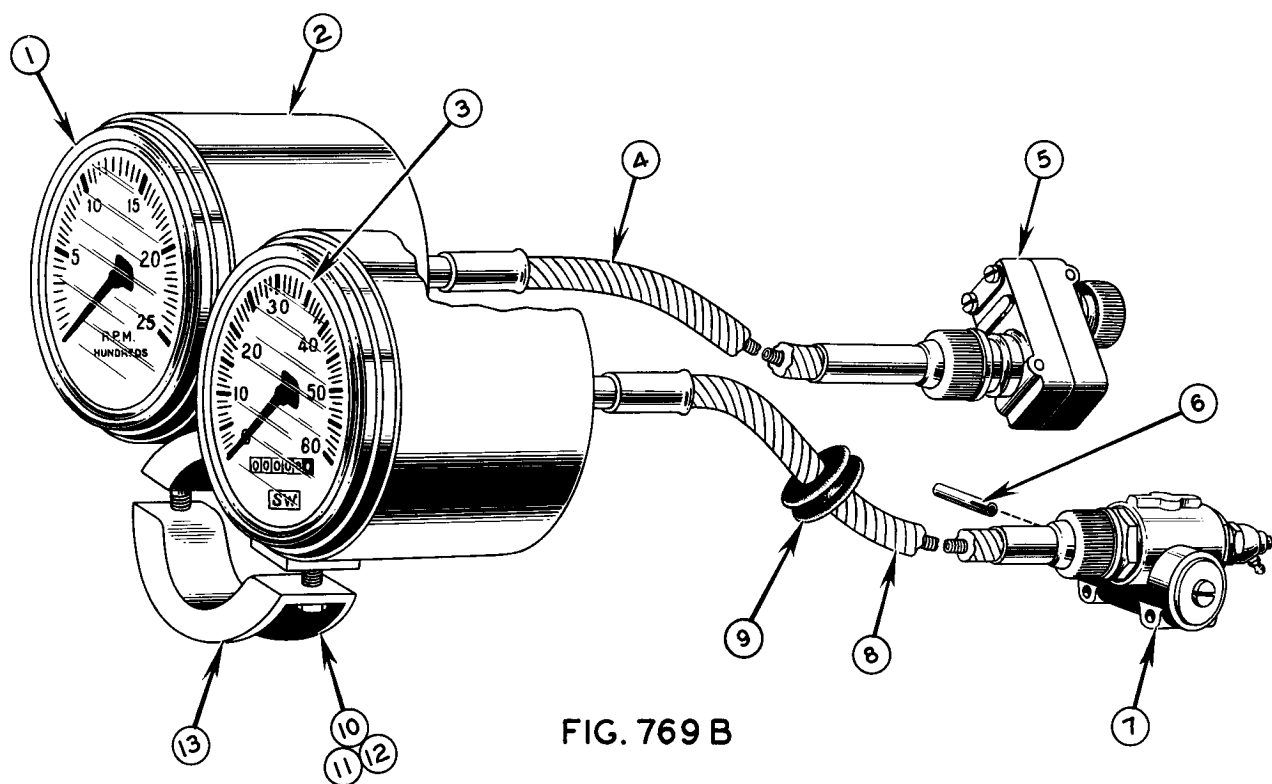


FIG. 769 B

TACHOMETER & SPEEDOMETER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 769A

TACHOMETER GROUP SR-8847 *
TC-7189 **

Ref. No.	Part No.	Description	Qty.
1	SL-7257	TACHOMETER	1
2	SR-8842	HOUSING	1
3	SV-8027	ADAPTOR (Cummins) (Furnished with GM Engine)	1
4	SR-8433	FLEX SHAFT (Cummins)	1
	SV-1468	FLEX SHAFT (GM)	1
5	C-7588	CAPSCREW - 1/4" NC x 1"	2
6	C-5774	LOCKWASHER - 1/4"	2
7	C-5780	NUT - 1/4" NC	2
8	SP-6234	CLAMP	1
		NOT SHOWN	
	H-3208	CAT CLIP	3
		* USED WITH CUMMINS ENGINE. ** USED WITH GM ENGINE.	
		(OPTIONAL)	

FIGURE 769B

TACHOMETER AND SPEEDOMETER GROUP TC-8759 *
SV-7113 **

1	SL-7257	TACHOMETER	1
2	SV-7111	HOUSING	1
3	SL-7255	SPEEDOMETER	1
4	SV-1468	FLEX SHAFT (GM Engine)	1
	SR-8433	FLEX SHAFT (Cummins Engine)	1
5	SV-8027	ADAPTOR (Cummins) (Furnished with GM Engine)	1
6	SV-6086	ROLL PIN	1
7	SL-6235	ADAPTOR	1
8	SL-7256	FLEX SHAFT	1
9	SG-2103	GROMMET	4
10	C-7588	CAPSCREW - 1/4" NC x 1"	2
11	C-5774	LOCKWASHER - 1/4"	2
12	C-5780	NUT - 1/4" NC	2
13	SP-6234	CLAMP	1
		NOT SHOWN	
	H-3208	CAT CLIP	4
		* USED WITH CUMMINS ENGINE. ** USED WITH GM ENGINE.	
		(OPTIONAL) (EFFECTIVE WITH SERIAL SUFFIX BPA4.)	

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

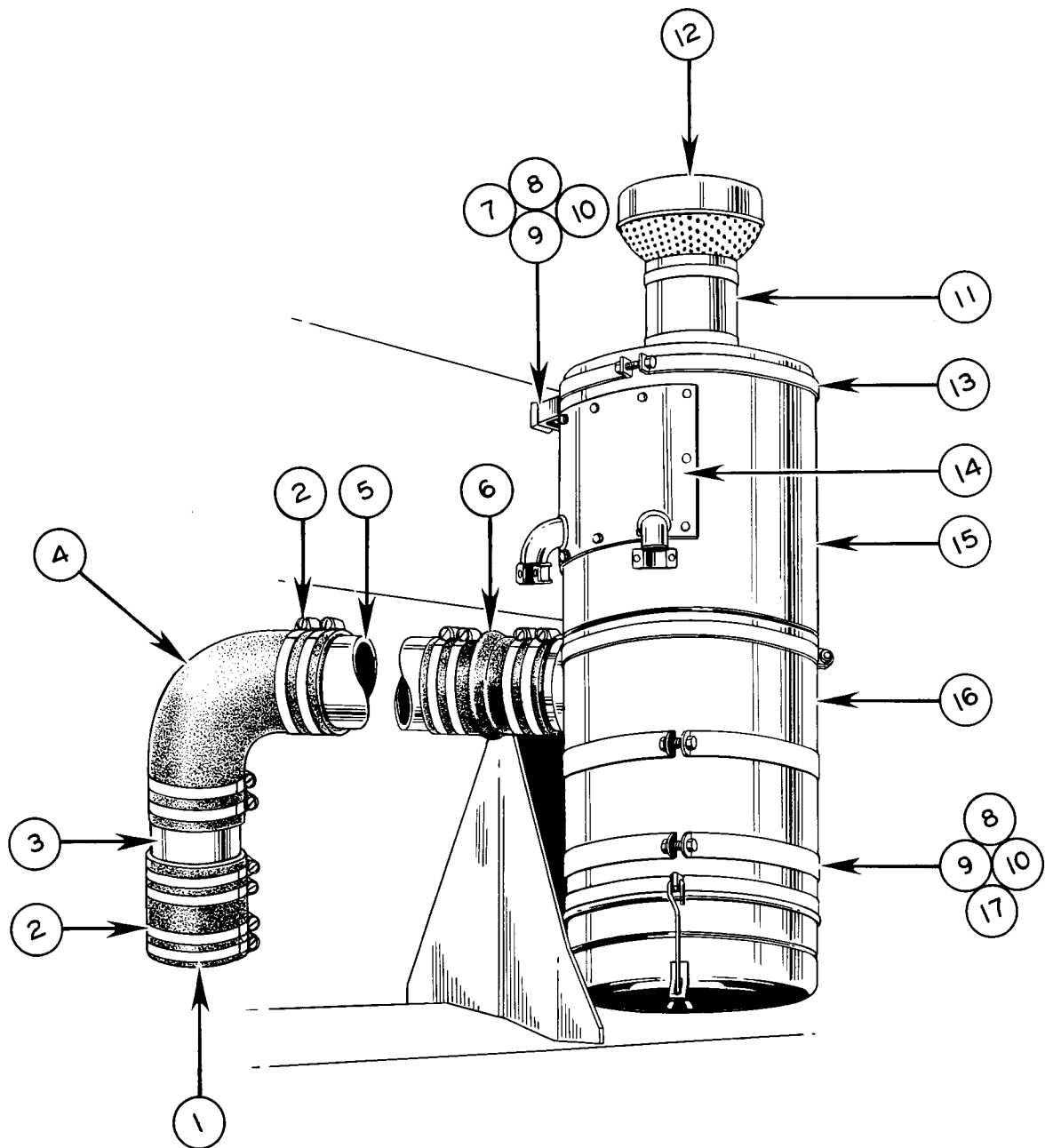


FIGURE 478

AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 478

AIR CLEANER

Ref. No.	Part No.	Description	Qty.
1	SV-3779	HOSE	1
2	HE-5115	CLAMP	12
3	TC-1056	TUBE	1
4	SR-3523	FLEXIBLE ELBOW	1
5	SV-3786	TUBE	1
6	SR-3522	HUMP HOSE	1
7	TC-1077	SPACER	1
8	C-1608	CAPSCREW - 7/16" NC x 1"	6
9	C-5775	LOCKWASHER - 7/16"	6
10	C-5572	NUT - 7/16" NC	6
11	TC-1057	EXTENSION	1
12	SV-3787	INLET CAP	1
13	TC-1058	STRAP	1
14	TC-1411	RECTIFIER (SEE INDEX)	1
15	SV-7135	RECTIFIER HOUSING	1
16	SV-3785	AIR CLEANER ASSEMBLY	1
	SV-6810	BODY ASSEMBLY	1
	SV-6811	PREFILTER	1
	SP-1881	GASKET	1
	SV-6812	CUP ASSEMBLY	1
	SV-6814	CUP	1
	SV-6813	DISC	1
17	SV-3789	SADDLE BRACKET	1
(USED WITH CUMMINS NHRBIS ENGINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

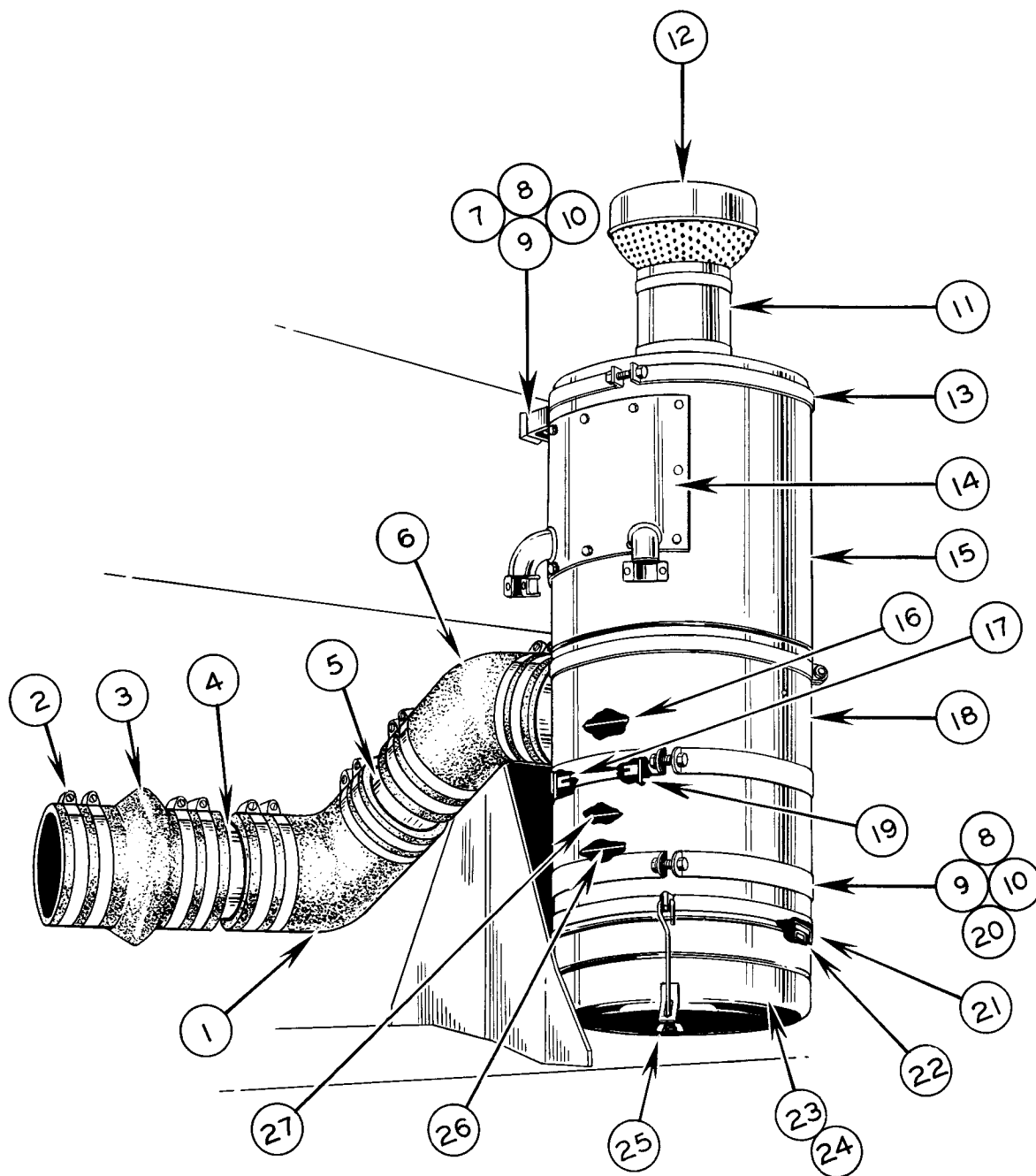


FIGURE 519

AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 519

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	SR-3523	ELBOW, HOSE	1
2	HE-5115	CLAMP	12
3	SR-3522	HOSE, HUMP	1
4	TC-5226	TUBE	1
5	TC-1056	TUBE	1
6	TC-2006	ELBOW, HOSE	1
7	TC-5244	SPACER	1
8	C-1608	CAPSCREW - 7/16" NC x 1"	6
9	C-5775	LOCKWASHER - 7/16"	6
10	C-5572	NUT - 7/16" NC	6
11	TC-1057	EXTENSION	1
12	SV-3787	INLET CAP	1
13	TC-1058	STRAP	1
14	TC-1411	RECTIFIER - SEE INDEX	1
15	SV-7135	RECTIFIER HOUSING	1
	TC-5227	AIR CLEANER ASSEMBLY	1
16	TC-4424	AFTER CLEANER ASSEMBLY	1
17	TC-4427	GASKET	1
18	TC-4428	HOUSING	1
19	TC-4425	GASKET	1
20	TC-4435	BRACKET ASSEMBLY	2
21	TC-4430	GASKET	1
22	TC-4431	GASKET	1
23	TC-4434	OIL CUP ASSEMBLY	1
24	TC-4432	BAFFLE ASSEMBLY	1
25	TC-4433	EYEBOLT ASSEMBLY	2
26	TC-4429	FILTER ASSEMBLY - BOTTOM	1
27	TC-4426	FILTER ASSEMBLY - CENTER	1
EFFECTIVE WITH BPF3-B ONLY (USED WITH CUMMINS NRT ENGINES)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

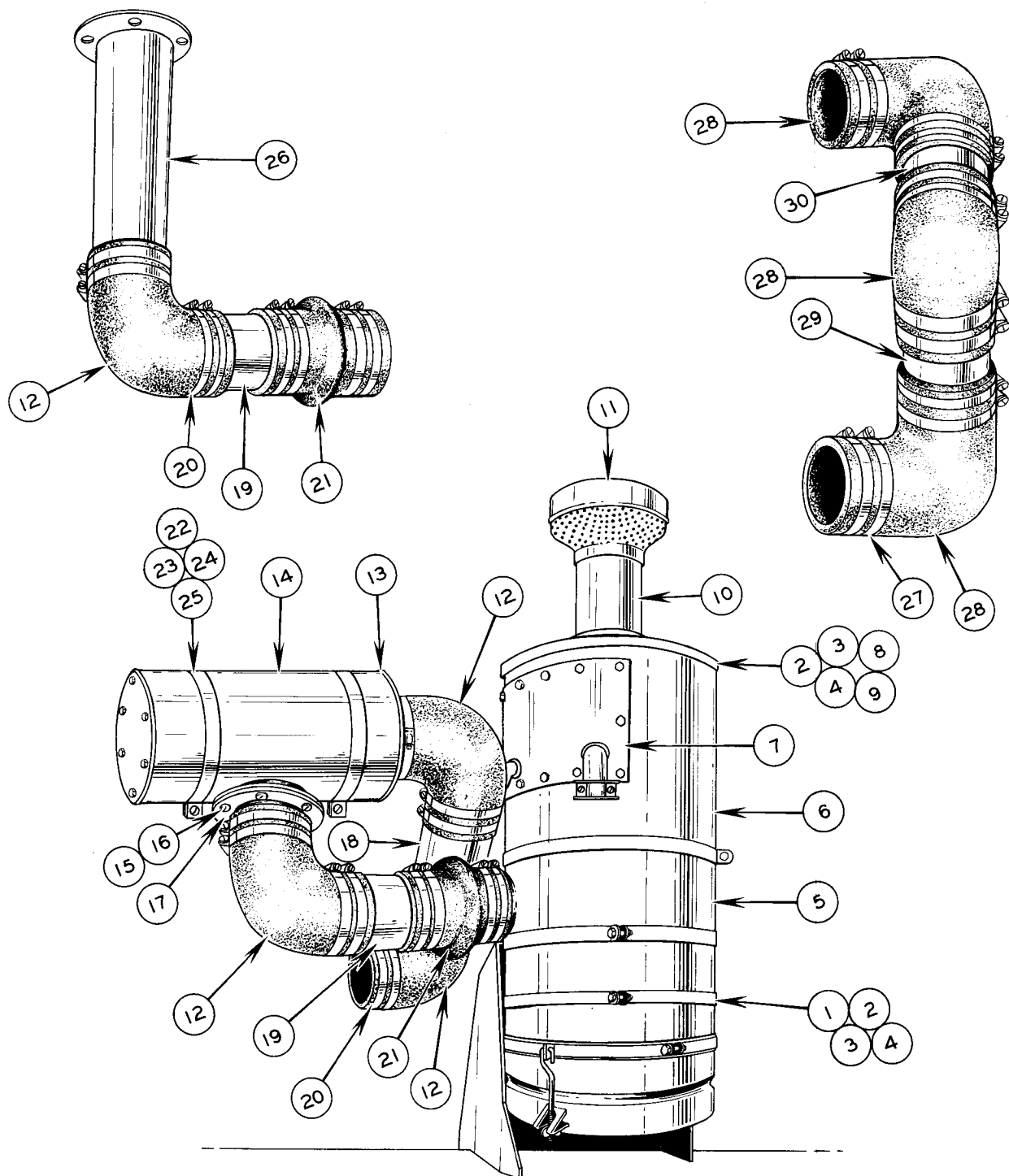


FIG. 1013

AIR CLEANER-ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1013

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	SV-3789	SADDLE BRACKET	1
2	C-1608	CAPSCREW - 7/16" NC x 1"	6
3	C-5775	LOCKWASHER - 7/16"	6
4	C-5572	NUT - 7/16" NC	6
5	SV-3785	AIR CLEANER ASSEMBLY	1
	SV-6810	BODY ASSEMBLY	1
	SV-6811	PREFILTER	1
	SP-1881	GASKET	1
	SV-6812	CUP ASSEMBLY	1
	SV-6814	CUP	1
	SV-6813	DISC	1
6	SV-7135	HOUSING, RECTIFIER	1
7	TC-1411	RECTIFIER (See Index)	1
8	TC-1058	MOUNT BRACKET	1
9	TC-1077	SPACER	1
10	TC-4056	EXTENSION	1
11	SV-3787	INLET CAP	1
12	SR-3523	ELBOW, HOSE	3
13	SR-3948	OUTLET COVER	1
14	SR-3949	AFTER CLEANER	1
15	R-3869	CAPSCREW - 5/16" NC x 5/8"	6
16	C-1538	LOCKWASHER - 5/16"	6
17	TC-3160	TUBE, AIR INLET (Eff. thru Serial Suffix BPF4-G & BPA4-C.)	1
18	TC-3163	TUBE (Eff. with Serial Suffix BPF4.)	1
19	TC-3162	TUBE	1
20	HE-5115	CLAMP	16
21	SR-3522	HOSE	1
22	SR-4742	MOUNT STRAP	2
23	C-1602	CAPSCREW - 3/8" NC x 1"	4
24	C-312	LOCKWASHER - 3/8"	4
25	C-1521	NUT - 3/8" NC	4
26	TD-9126	TUBE, AIR INLET (Eff. with Serial Suffix BPF4-H & BPA4-D.)	1
27	HE-5115	CLAMP	12
28	SR-3523	ELBOW, HOSE } (Used with Serial Suffix BPA4.)	3
29	TC-3162	TUBE	1
30	TC-1056	TUBE	1

(USED WITH CUMMINS ENGINES)
(EFFECTIVE WITH SERIAL SUFFIX BPF4 THRU BPF4-K, BPA4 THRU BPA4-F)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

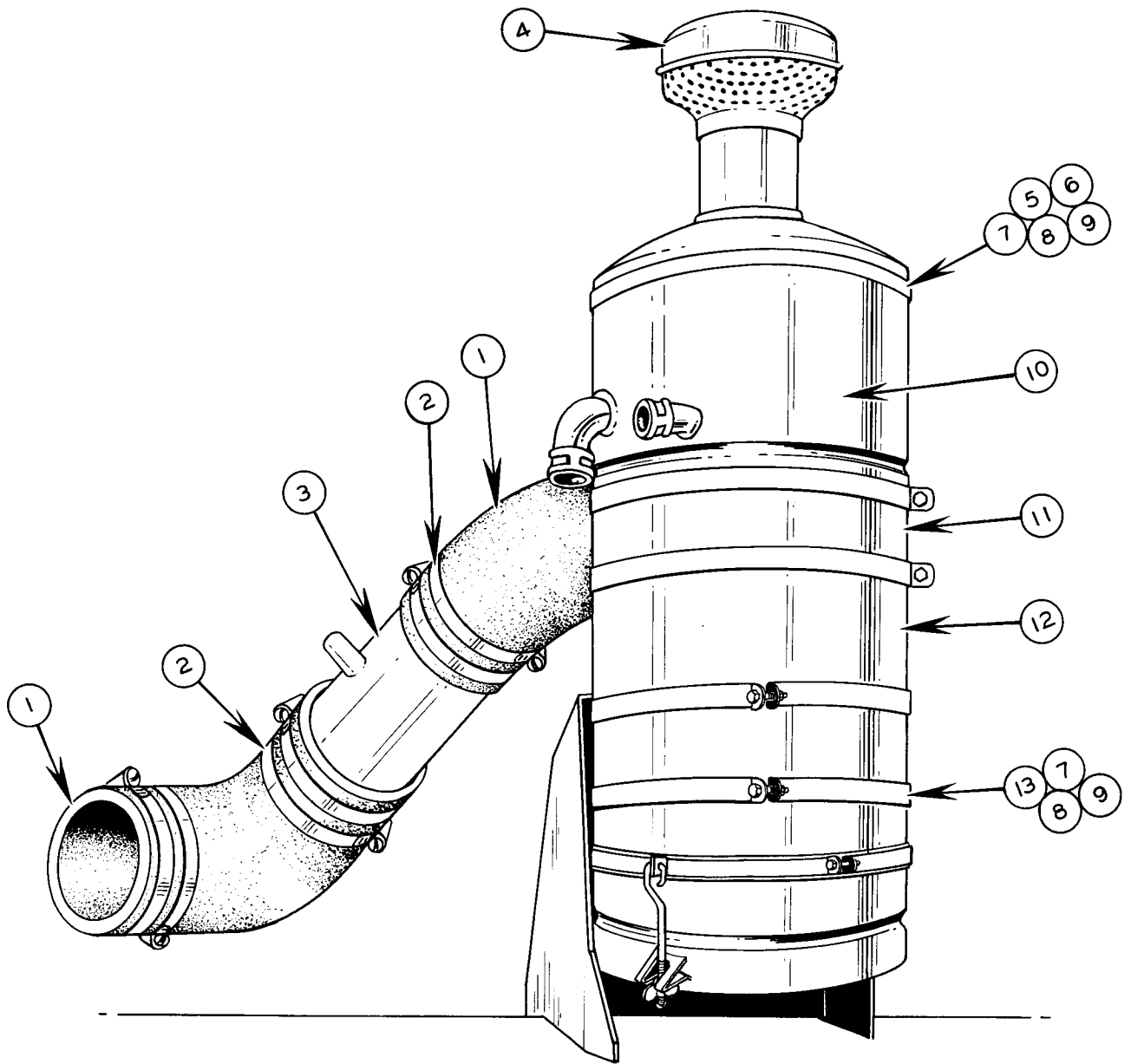


FIG. 1081

AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1081

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	TC-2006	ELBOW, RUBBER	1
2	HE-5115	CLAMP	8
3	TF-6391	TUBE	1
4	SV-3787	CAP, INLET	1
5	TG-400	MOUNT STRAP	1
6	TC-1077	SPACER	1
7	C-1608	CAPSCREW - 7/16" NC x 1"	6
8	C-5775	LOCKWASHER - 7/16"	6
9	C-5572	NUT - 7/16" NC	6
10	TF-7769	RECTIFIER ASSY. (See Index)	1
11	TF-2624	RECTIFIER HOUSING, BOTTOM	1
12	SV-3785	AIR CLEANER ASSEMBLY	1
	SV-6810	BODY ASSEMBLY	1
	SV-6811	PREFILTER	1
	SP-1881	GASKET	1
	SV-6812	CUP ASSEMBLY	1
	SV-6814	CUP	1
	SV-6813	DISC	1
	SV-3789	SADDLE BRACKET	1
(USED WITH CUMMINS NRT ENGINES) (EFFECTIVE WITH SERIAL SUFFIX BPF4-L & BPA4-G.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

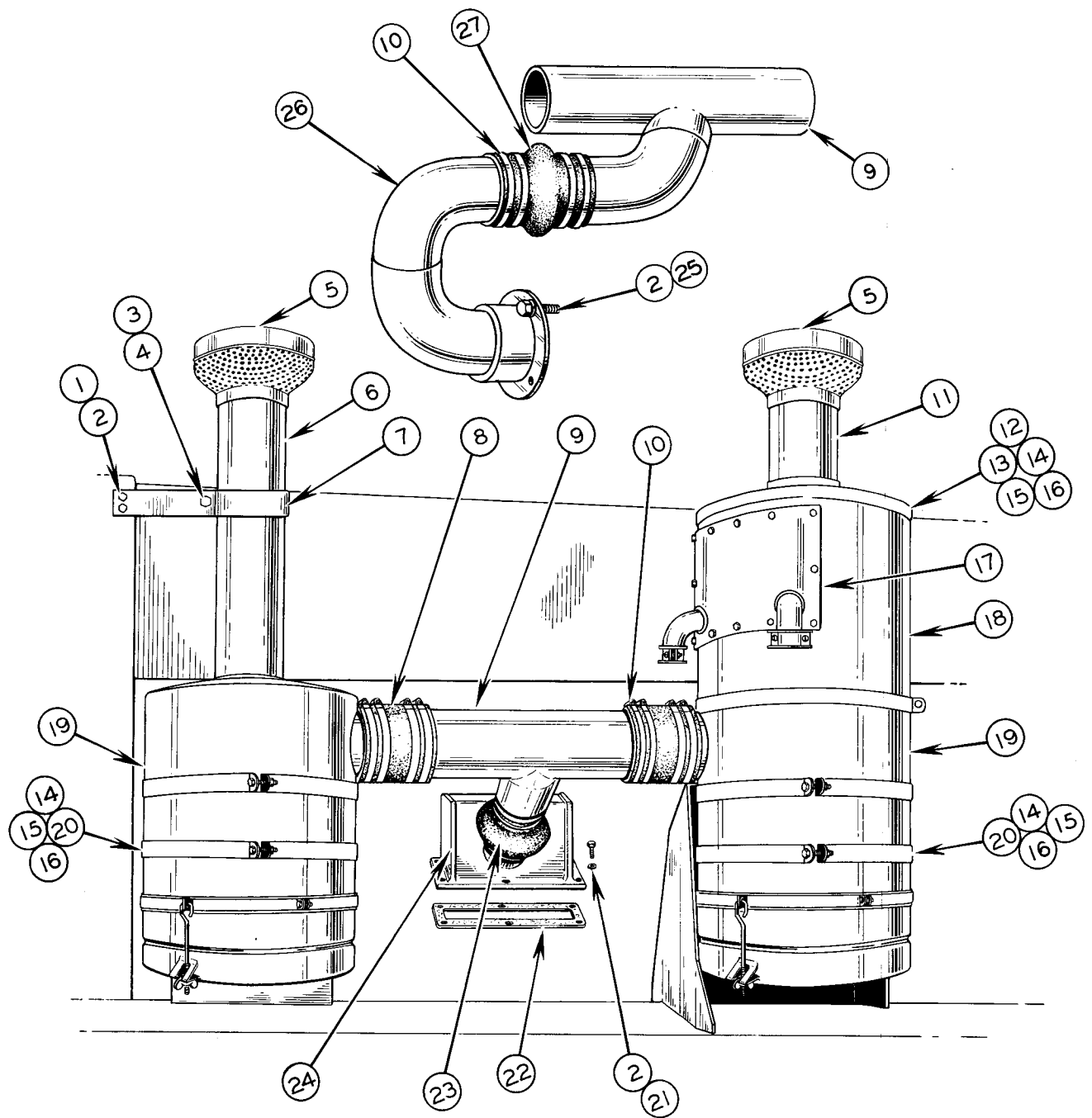


FIG. 1015

AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1015

AIR CLEANER

Ref. No.	Part No.	Description	Qty.
1	H-8524	CAPSCREW - 3/8" NC x 5/8"	2
2	C-312	LOCKWASHER - 3/8"	8
3	DC-6306	CAPSCREW - 1/4" NC x 3 3/4"	1
4	C-5780	NUT - 1/4" NC	1
5	SV-3787	INLET CAP	2
6	TC-497	EXTENSION (Eff. thru Serial Suffix BPF4-K & BPA4-F.)	1
	TF-2646	EXTENSION (Eff. with Serial Suffix BPF4-L & BPA4-G.)	1
7	TC-3152	EXTENSION	1
8	SV-3779	HOSE	2
9	TC-3154	INLET TUBE (Used with 6-110 Engine)	1
	TF-6502	INLET TUBE (Used with 6-110T Engine)	1
10	HE-5115	CLAMP	12
11	TC-4056	EXTENSION (Eff. thru Serial Suffix BPF4-K & BPA-F.)	1
12	TC-1058	MOUNT STRAP	1
13	TC-1077	SPACER	1
14	C-1608	CAPSCREW - 7/16" NC x 1"	10
15	C-5775	LOCKWASHER - 7/16"	10
16	C-5572	NUT - 7/16" NC	10
17	TC-1411	RECTIFIER (See Index) (Eff. thru Serial Suffix BPF4-K & BPA4-F.)	1
	TF-2636	RECTIFIER (See Index) (Eff. with Serial Suffix BPF4-L & BPA4-G.)	1
18	SV-7135	HOUSING (Eff. thru Serial Suffix BPF4-K & BPA4-F.)	1
	TF-2624	HOUSING, BOTTOM (Eff. with Serial Suffix BPF4-L & BPA4-G.)	1
19	SV-3785	AIR CLEANER ASSEMBLY	2
	SV-6810	BODY ASSEMBLY	2
	SV-6811	PREFILTER	2
	SP-1881	GASKET	2
	SV-6812	CUP ASSEMBLY	2
	SV-6814	CUP	2
	SV-6813	DISC	2
20	SV-3789	SADDLE BRACKET	2
21	C-1602	CAPSCREW - 3/8" NC x 1"	6
22	SV-3517	GASKET	1
23	SR-3522	HUMP HOSE	1
24	SV-3513	AIR INLET	1
25	C-1601	CAPSCREW - 3/8" NC x 3/4"	3
26	TF-6507	AIR INLET	1
27	SR-3522	HUMP HOSE	1

(USED WITH GM 6-110 & 6-110T ENGINES)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 999 A

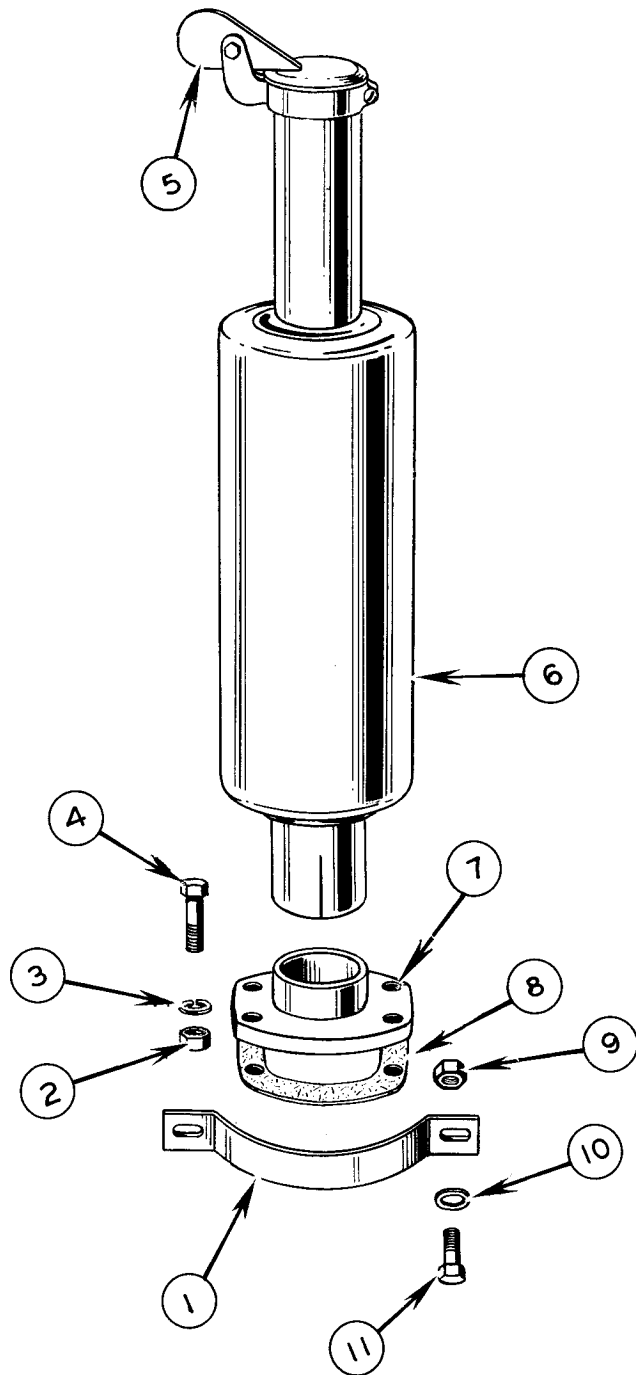
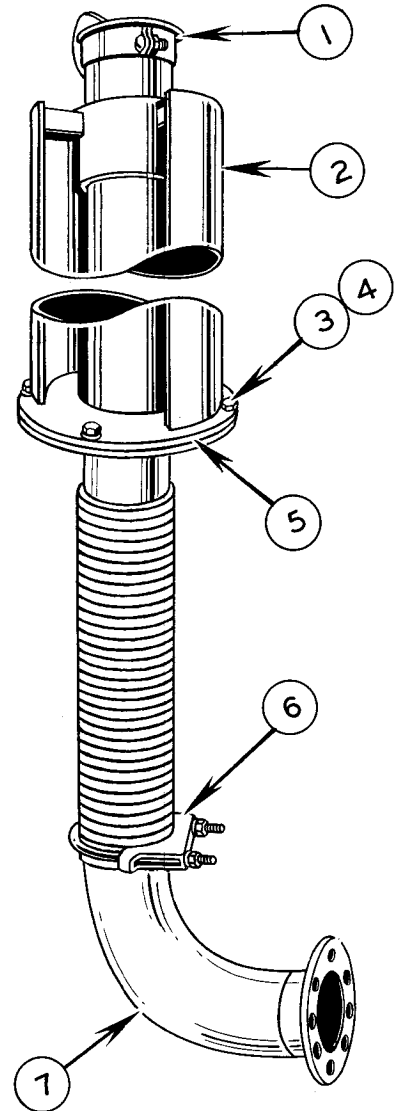


FIG. 999 B



EXHAUST

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 999A

EXHAUST

Ref. No.	Part No.	Description	Qty.
1	SP-9138	CLAMP	2
2	H-6935	NUT, BRASS - 1/2" NC	4
3	C-1540	LOCKWASHER - 1/2"	4
4	C-1616	CAPSCREW - 1/2" NC x 2"	4
5	HD-8393	CAP	1
6	TC-3708	MUFFLER	1
7	SP-9140	FLANGE	1
8	R-5091	GASKET	1
9	C-1523	NUT - 1/2" NC	4
10	C-1549	FLATWASHER - 1/2"	4
11	SR-3525	CAPSCREW	2
(USED WITH CUMMINS NHRBIS ENGINES)			

FIGURE 999B

EXHAUST

1	HD-8393	CAP	1
2	TC-7798	STACK	1
3	C-1613	CAPSCREW - 1/2" NC x 7/8"	4
4	C-1540	LOCKWASHER - 1/2"	4
5	TC-7796	RING	1
6	SR-6260	CLAMP	1
7	SR-6257	ELBOW	1
8	SV-6212	CLAMP	1
(USED WITH CUMMINS NRT ENGINES) (EFFECTIVE THRU SERIAL SUFFIX BPF3B, BPF4-G & BPA4-C)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

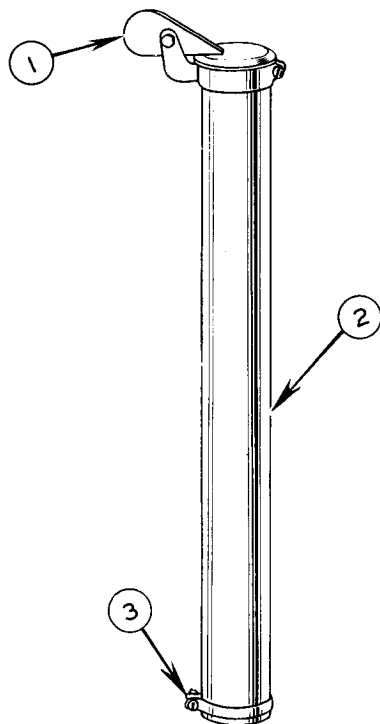
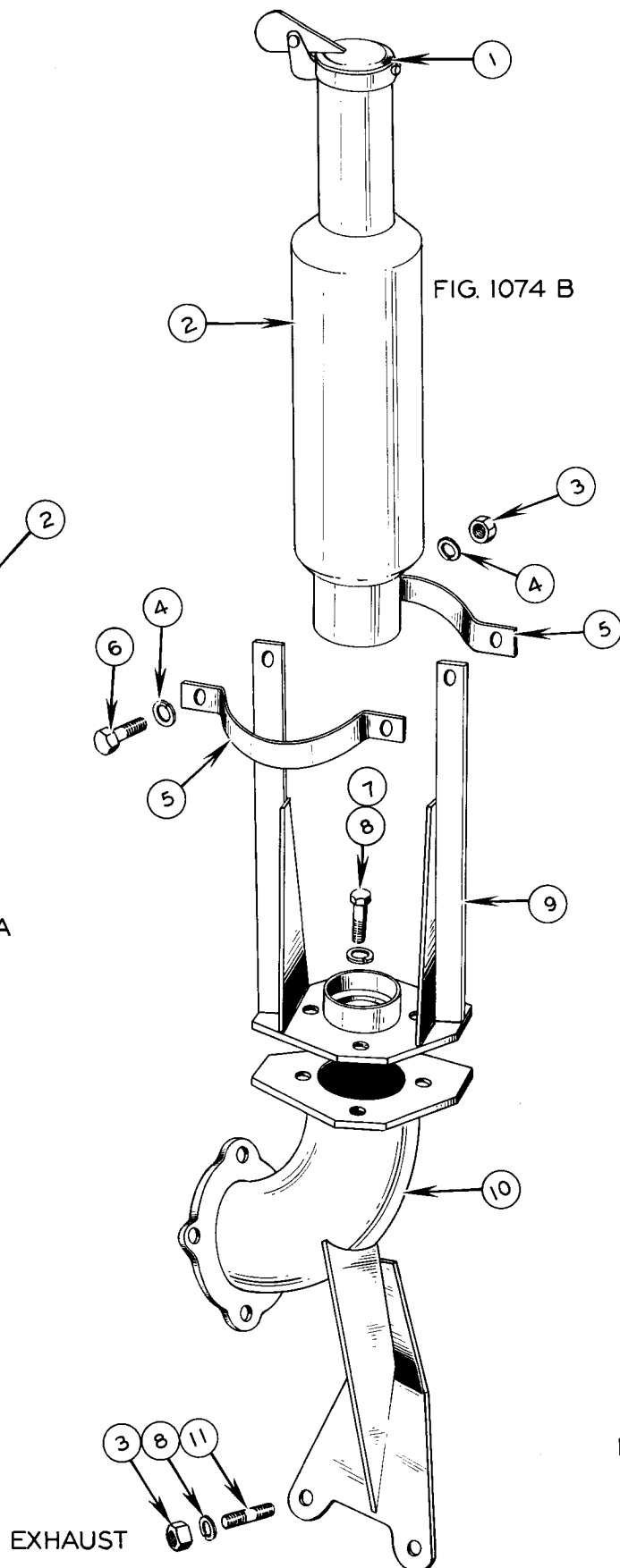


FIG. 1074 A



EXHAUST

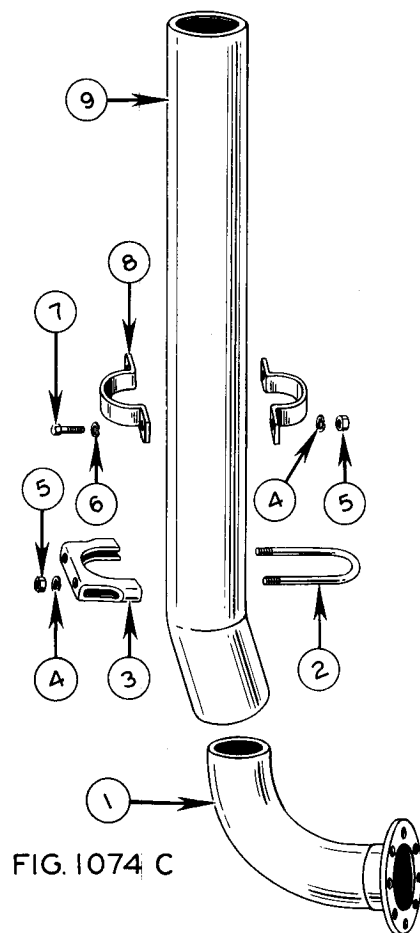


FIG. 1074 C

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1074A

EXHAUST

Ref. No.	Part No.	Description	Qty.
1	SV-6660	CAP	1
2	SV-6658	PIPE	1
3	SV-6659	CLAMP	1
(USED WITH GM 6-110 ENGINES)			

FIGURE 1074B

EXHAUST

1	SV-6660	CAP	1
2	TF-6512	MUFFLER	1
3	C-1523	NUT - 1/2" NC	3
4	C-1549	FLATWASHER - 1/2"	4
5	SP-9138	CLAMP	2
6	SR-3525	CAPSCREW - 1/2" NC x 3 1/2"	2
7	HE-1785	CAPSCREW - 1/2" NC x 1"	4
8	C-1540	LOCKWASHER - 1/2"	5
9	TF-6514	BRACKET	1
10	TF-9552	ELBOW	1
11	TF-9555	STUD	2
(USED WITH GM 6-110T ENGINES)			

FIGURE 1074C

EXHAUST

1	TD-7866	ELBOW	1
2	TC-9436	"U" BOLT	1
3	TD-9244	"U" CLAMP	1
4	C-1540	LOCKWASHER - 1/2"	4
5	C-1523	NUT - 1/2" NC	4
6	C-1549	FLATWASHER - 1/2"	4
7	SR-3525	CAPSCREW (Special)	2
8	TC-9433	CLAMP	2
9	TD-7865	PIPE	1
(USED WITH CUMMINS NRT ENGINES) (EFF. WITH SERIAL SUFFIX BPA4-D & BPF4-H.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

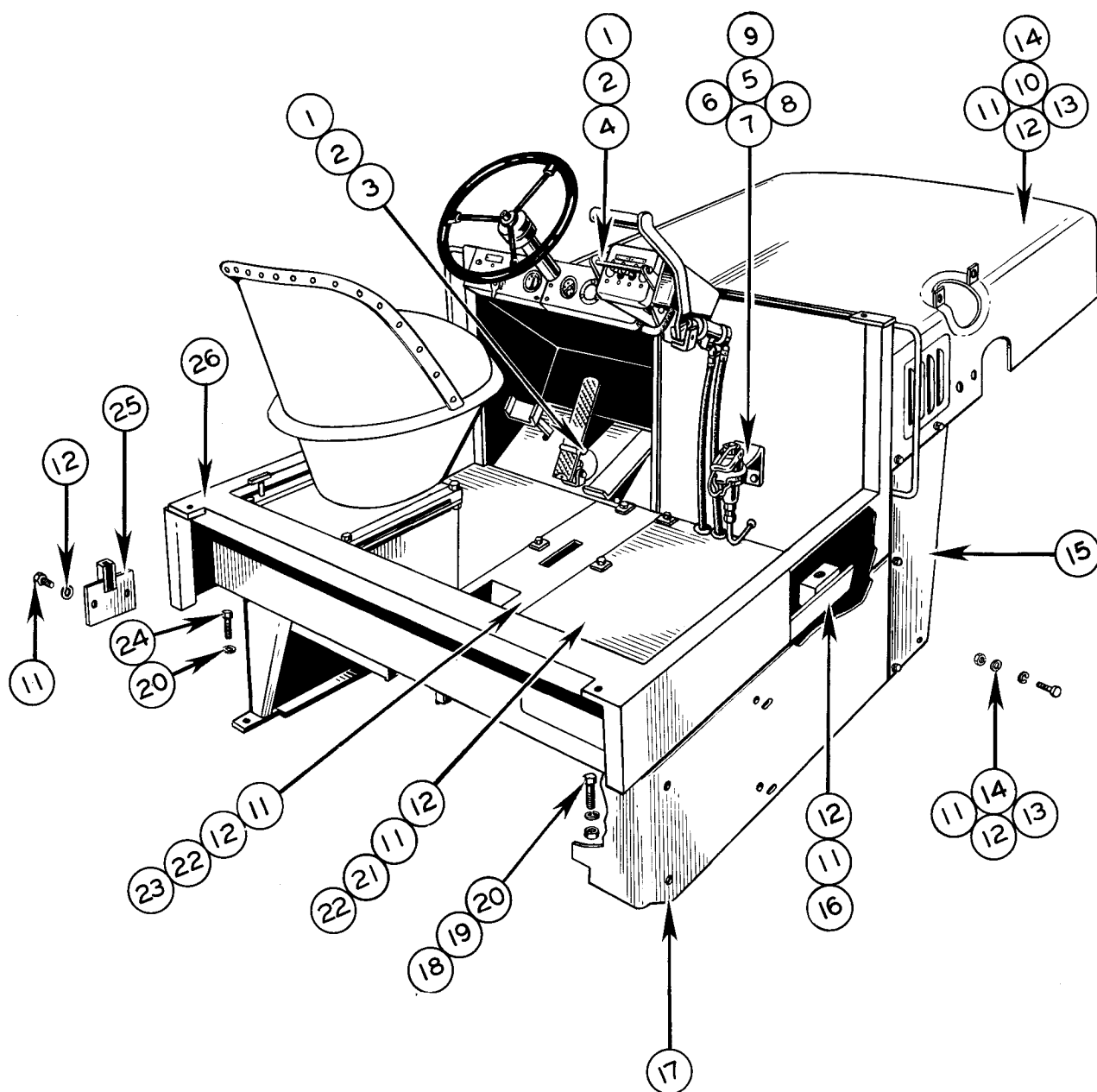


FIG. 1000

COCKPIT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1000

COCKPIT

Ref. No.	Part No.	Description	Qty.
1	C-1598	CAPSCREW - 5/16" NC x 1"	5
2	C-1538	LOCKWASHER - 5/16"	5
3	C-1520	NUT - 5/16" NC	3
4	TC-503	CONTROL BAR	1
5	SR-1104	COLD WEATHER KIT (Eff. with Serial Suffix BPF4-H.)	1
	S-7262	COLD WEATHER KIT	1
6	CC-6280	FLEX ELL - #69 } (Eff. thru Serial Suffix BPF4-G.)	1
7	C-7559	CAPSCREW - 1/4" NF x 1"	4
8	C-5781	NUT - 1/4" NF	4
9	C-5774	LOCKWASHER - 1/4"	18
10	TC-437	HOOD (Cummins NHRBIS) (Eff. thru Serial Suffix BPF4-J.)	1
	TC-3531	HOOD (Cummins NHRBIS) (Eff. with Serial Suffix BPF4-K.)	1
	TC-5700	HOOD (Cummins NRT) (Eff. thru Serial Suffix BPF3-B.)	1
	TC-3318	HOOD (Cummins NRT) (Eff. with Serial Suffix BPF4 thru BPF4-C.)	1
	TC-7194	HOOD (Cummins NRT) (Eff. with Serial Suffix BPF4-D thru BPF4-G.)	1
	TD-9120	HOOD (Cummins NRT) (Eff. with Serial Suffix BPF4-H.)	1
	TC-2815	HOOD (GM Engine)	1
11	C-1601	CAPSCREW - 3/8" NC x 3/4"	AR
12	C-312	LOCKWASHER - 3/8"	AR
13	C-1547	FLATWASHER - 3/8"	AR
14	C-1521	NUT - 3/8" NC	AR
15	SV-9134	SIDE PANEL, LEFT	1
	SV-9136	SIDE PANEL, RIGHT	1
16	SV-6076	DRIP SHIELD, TRANSFORMER	1
17	SV-9148	PLATE	1
18	C-5762	CAPSCREW - 5/8" NC x 1 1/2"	2
19	C-1525	NUT - 5/8" NC	2
20	C-1541	LOCKWASHER - 5/8"	4
21	TC-519	FLOOR PLATE (Eff. thru Serial Suffix BPF3-B.)	1
	TC-9901	FLOOR PLATE (Eff. with Serial Suffix BPF4 thru BPF4-E.)	1
	TD-3412	FLOOR PLATE (Eff. with Serial Suffix BPF4-F & BPF4-G.)	1
	TD-9671	FLOOR PLATE (Eff. with Serial Suffix BPF4-H thru BPF4-L.)	1
	TF-2679	FLOOR PLATE (Eff. with Serial Suffix BPF4-M.)	1
22	SV-4183	LATCH (Eff. with Serial Suffix BPF4-M.)	6
23	TC-524	FLOOR PLATE (Eff. thru Serial Suffix BPF3-B & BPF4-E.)	1
	TD-3411	FLOOR PLATE (Eff. with Serial Suffix BPF4-F & BPF4-G.)	1
	TD-9248	FLOOR PLATE (Eff. with Serial Suffix BPF4-H thru BPF4-L.)	1
	TF-2680	FLOOR PLATE (Eff. with Serial Suffix BPF4-M.)	1
24	C-7594	CAPSCREW - 5/8" NC x 1"	2
25	TC-500	COVER PLATE (Eff. thru Serial Suffix BPF3-B & BPF4-L.)	1
	TF-7886	COVER PLATE	1
	TF-2683	ANGLE CLAMP } (Eff. with Serial Suffix BPF4-M.)	1
	C-1600	CAPSCREW - 3/8" NC x 1/2"	2
26		COCKPIT (Order by Serial Number)	1
NOT SHOWN			
	SR-1380	CLAMP, MAIN CABLE	1
	SG-5696	JIFFY CLAMP - 1/8"	2
	SD-7388	JIFFY CLAMP - 3/4"	7
	H-3208	CAT CLIP - 1/2"	1
	H-3167	JIFFY CLAMP - 3/8"	10
	CC-7201	MACHINE SCREW - 1/4" NC x 3/4"	14
	C-5780	NUT - 1/4" NC	14
	DC-4088	GROMMET	1
	TC-3701	CONDUIT, HEADLIGHT	1
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

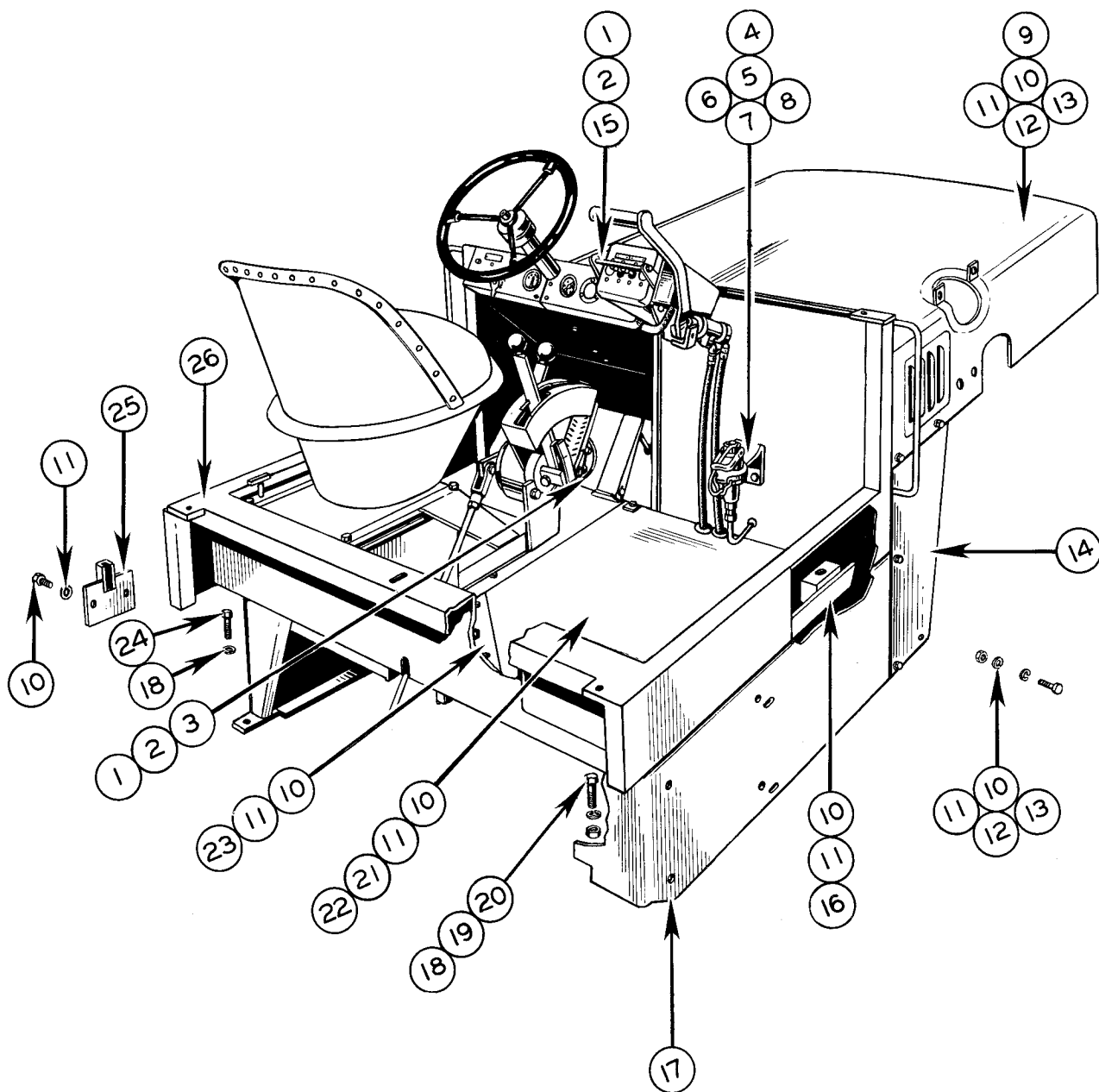


FIG. 1001

COCKPIT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1001

COCKPIT

Ref. No.	Part No.	Description	Qty.
1	C-1598	CAPSCREW - 5/16" NC x 1"	5
2	C-1538	LOCKWASHER - 5/16"	5
3	C-1520	NUT - 5/16" NC	3
4	SR-1104	COLD WEATHER KIT (Eff. with Serial Suffix BPA4-D.)	1
	SR-7262	COLD WEATHER KIT	1
5	CC-6280	FLEX ELL - #69 } (Eff. thru Serial Suffix BPA4-C.)	1
6	C-7559	CAPSCREW - 1/4" NF x 1"	4
7	C-5781	NUT - 1/4" NF	18
8	C-5774	LOCKWASHER - 1/4"	22
9	TC-6054	HOOD (Cummins Engine) (Eff. thru Serial Suffix BPA4-C.)	1
	TD-7988	HOOD (Cummins Engine) (Eff. with Serial Suffix BPA4-D thru BPA4-G.) ...	1
	TF-6398	HOOD (Cummins Engine) (Eff. with Serial Suffix BPA4-J.)	1
	TC-2815	HOOD (GM Engine)	1
	TF-9561	HOOD (GM Engine) (Eff. with Serial Suffix BPA4-H only)	1
10	C-1601	CAPSCREW - 3/8" NC x 3/4"	33
	C-1602	CAPSCREW - 3/8" NC x 1"	6
11	C-312	LOCKWASHER - 3/8"	39
12	C-1547	FLATWASHER - 3/8"	28
13	C-1521	NUT - 3/8" NC	15
14	SV-9134	SIDE PANEL, LEFT	1
	SV-9136	SIDE PANEL, RIGHT	1
15	TC-503	CONTROL BAR	1
16	SV-6076	DRIP SHIELD, TRANSFORMER	1
17	SV-9148	PLATE	1
18	C-5762	CAPSCREW - 5/8" NC x 1 1/2"	2
19	C-1541	LOCKWASHER - 5/8"	4
20	C-1525	NUT - 5/8" NC	2
21	TF-7899	FLOOR PLATE	1
	TD-6512	FLOOR PLATE (Eff. with Serial Suffix BPA4-H only)	1
22	SV-4183	LATCH	6
23	TF-7892	FLOOR PLATE	1
	TD-6513	FLOOR PLATE (Eff. with Serial Suffix BPA4-H only)	1
24	C-7594	CAPSCREW - 5/8" NC x 1"	2
25	TF-7886	COVER PLATE	1
26		COCKPIT (Order by Serial Number)	1
(EFFECTIVE WITH SERIAL SUFFIX BPA4.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

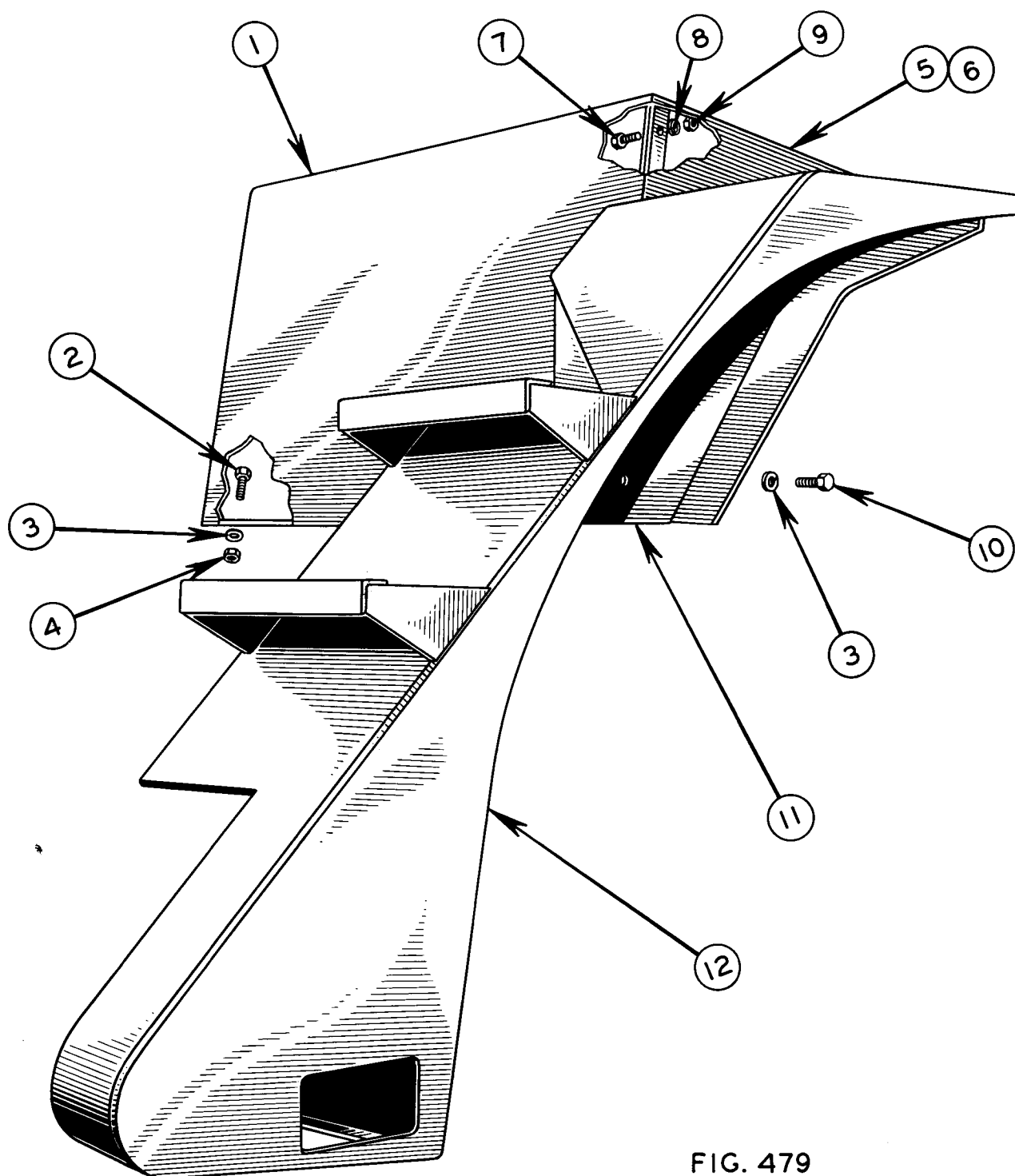


FIG. 479

FENDER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 479

FENDERS

Ref. No.	Part No.	Description	Qty.
1	TC-1059	REAR SUPPORT	1
2	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	3
3	C-1541	LOCKWASHER - 5/8"	15
4	C-1525	NUT - 5/8" NC	3
5	TC-1072	FENDER WING - RIGHT	1
6	TC-1069	FENDER WING - LEFT	1
7	C-1612	CAPSCREW - 1/2" NC x 1"	8
8	C-1540	LOCKWASHER - 1/2"	8
9	C-1523	NUT - 1/2" NC	4
10	C-7594	CAPSCREW - 5/8" NC x 1"	12
11	TC-1068	FENDER - RIGHT	1
12	TC-1066	FENDER - LEFT	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

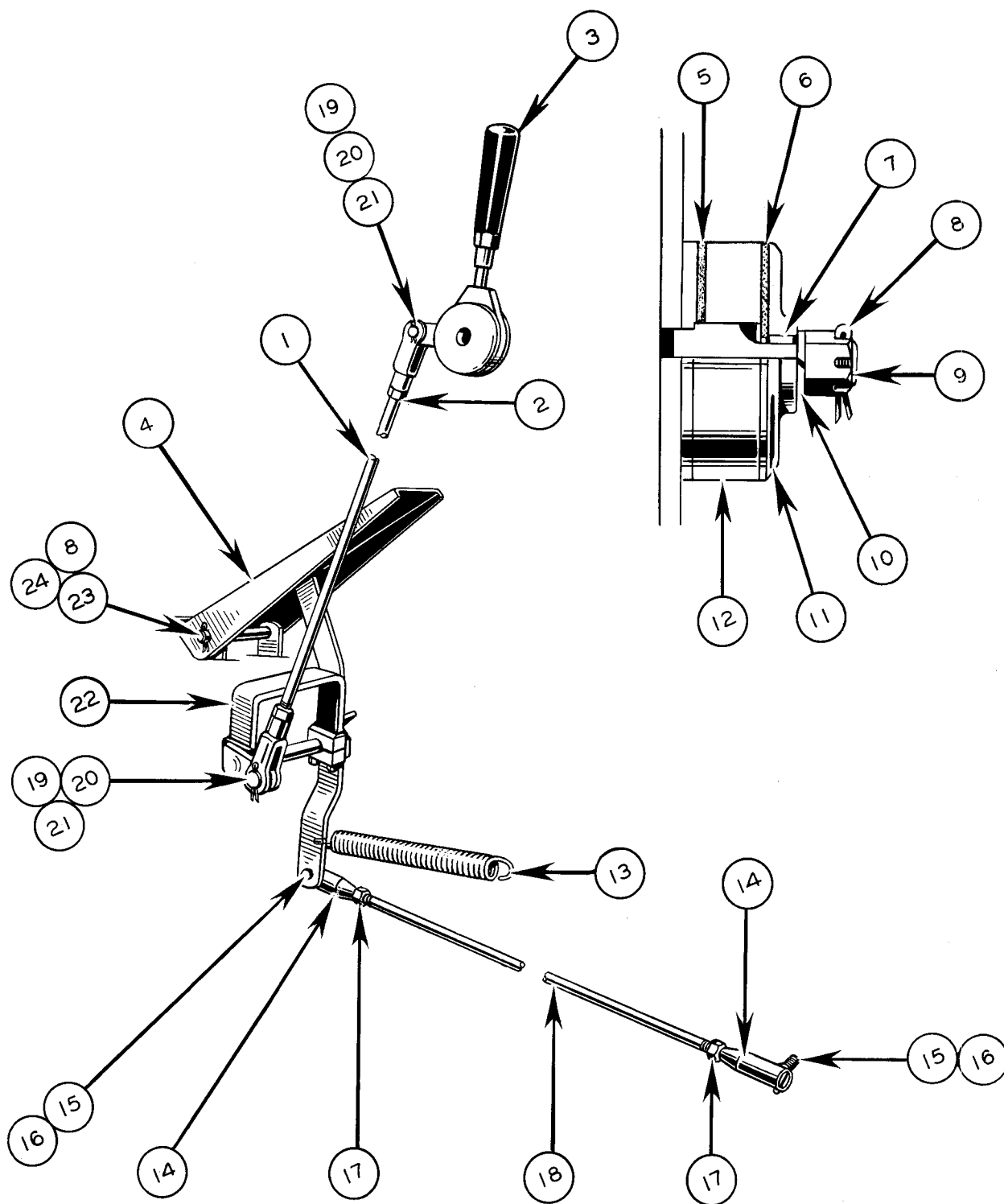


FIG. 1002

THROTTLE CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1002

THROTTLE CONTROL

Ref. No.	Part No.	Description	Qty.
1	TC-536	THROTTLE ROD	1
2	C-1522	NUT - 3/8" NF	2
3	H-2370	HANDLE	1
4	TD-5311	PEDAL (Eff. thru BPF4-G & BPA4-C)	1
	TD-4898	PEDAL (Eff. with BPF4-H & BPA4-D)	1
5	DD-1637	DISC, MICARTA	1
6	DD-1638	DISC, MICARTA	1
7	DD-1642	KEY - 1/8" x 1/8" x 1/4"	1
8	C-2303	COTTER PIN - 1/8" x 1"	3
9	R-7373	NUT, CASTELLATED - 1/2" NF	1
10	C-1540	LOCKWASHER - 1/2"	1
11	DD-1640	DISC, STEEL	1
12	TD-6174	THROTTLE ARM	1
13	C-71	SPRING	1
14	S-1357	BALL JOINT	2
15	C-9656	NUT - 5/16" NF	2
16	C-1538	LOCKWASHER - 5/16"	2
17	SF-4358	NUT, JAM - 5/16" NF	2
18	TC-530	THROTTLE ROD (Cummins Engine)	1
	TC-4057	THROTTLE ROD (GM Engine) (Eff. with Serial Suffix BPF3 thru BPF3-B, BPF4 & up, also BPA4 & BPA4-A)	1
	TD-5310	THROTTLE ROD (GM Engine) (Eff. with Serial Suffix BPA4-B)	1
19	H-2224	CLEVIS	2
20	H-2220	PIVOT PIN	2
21	D-4098	COTTER PIN - 3/32" x 1"	2
22	TD-6152	CRANK	1
23	R-6888	PIVOT PIN	1
25	C-1547	FLATWASHER - 3/8"	2

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

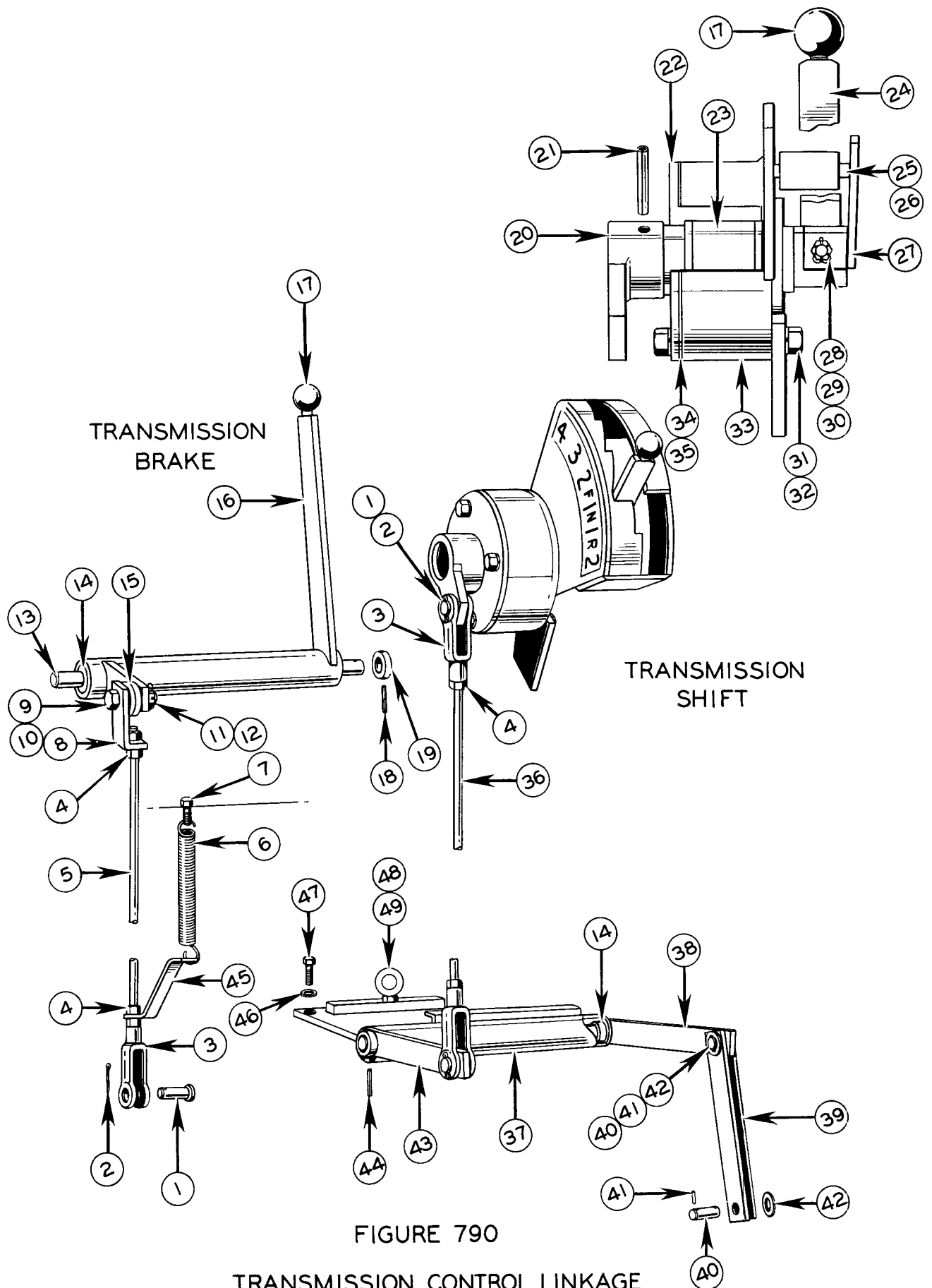


FIGURE 790

TRANSMISSION CONTROL LINKAGE

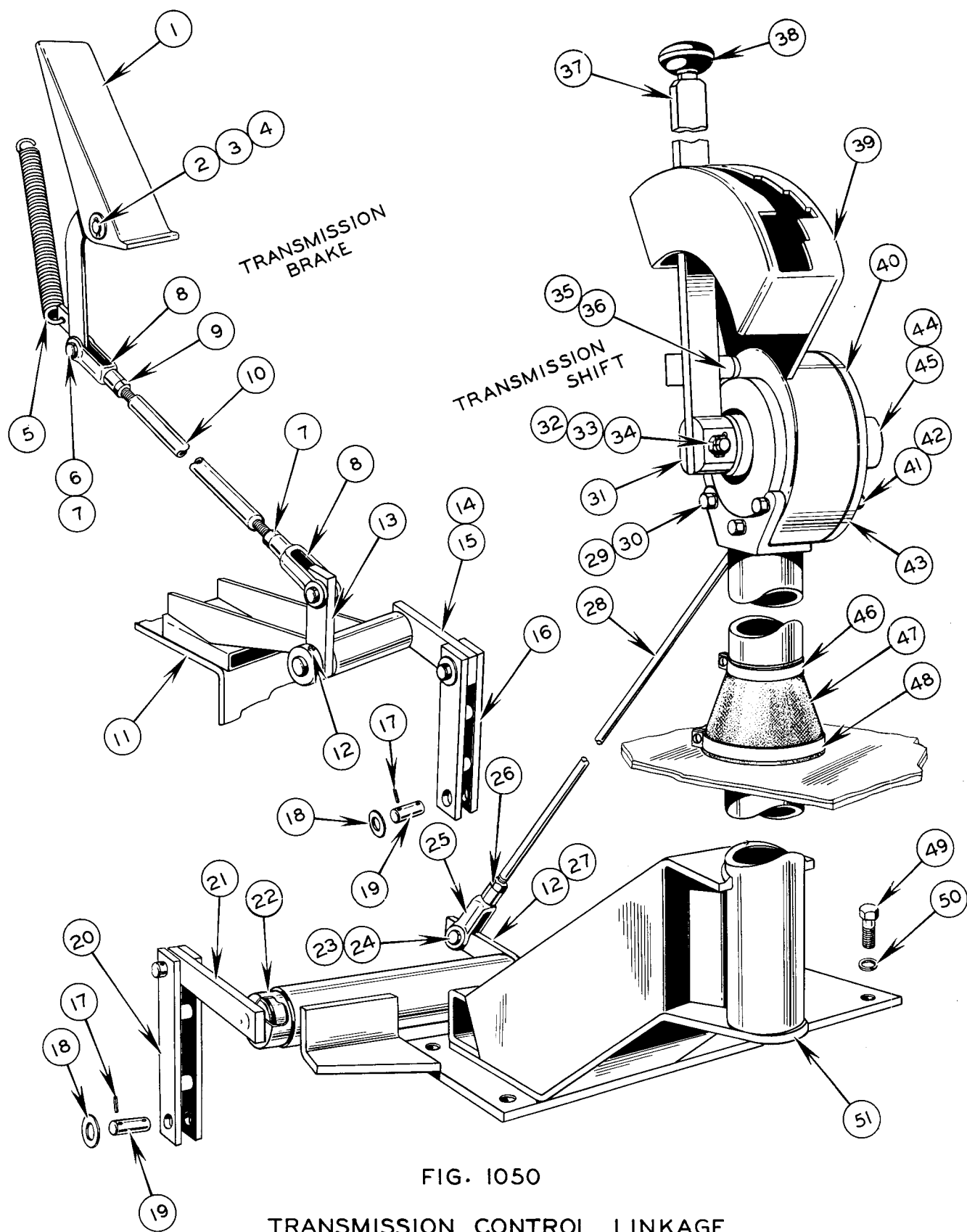
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 790

TRANSMISSION CONTROL LINKAGE

Ref. No.	Part No.	Description	Qty.
1	E-4162	PIN	3
2	SD-4225	COTTER PIN - 1/8" x 7/8"	3
3	D-5434	CLEVIS	3
4	C-1524	NUT - 1/2" NF	5
5	TC-4862	ROD	1
6	SP-1977	SPRING	1
7	R-7209	CAPSCREW - 3/8" NF	1
8	TC-9411	ANGLE	1
9	TC-9413	CAPSCREW - 1/2" NF x 2"	1
10	C-1540	LOCKWASHER - 1/2"	1
11	F-865	NUT, CASTLE - 1/2" NF	1
12	E-4132	COTTER PIN - 1/8" x 2"	1
13	SV-4543	PIVOT PIN	1
14	TC-4524	BEARING	4
15	TC-9412	DISC, MICARTA	1
16	SV-4544	LEVER	1
17	SH-2327	BALL	2
18	SP-9104	ROLL PIN - 3/16" x 1 1/4"	1
19	H-4287	RETAINER	1
20	SV-2638	LEVER	1
21	SV-3501	ROLL PIN - 3/16" x 2"	1
22	SV-2642	COVER	1
23	SV-2636	ACTUATOR	1
24	SL-4763	LEVER	1
25	SL-4767	PLUNGER	1
26	HC-1185	SPRING	1
27	SL-4767	LEVER, PLUNGER	1
28	SL-5117	CAPSCREW - 3/8" NF x 3"	1
29	H-5765	NUT, CASTLE - 3/8" NF	1
30	C-2303	COTTER PIN - 1/8" x 1"	1
31	C-1602	CAPSCREW - 3/8" NC x 1"	6
32	C-312	LOCKWASHER - 3/8"	6
33	SV-2643	QUADRANT	1
34	SV-3506	SHIM - .007	AS REQ'D.
35	SV-3507	SHIM - .004	AS REQ'D.
36	TC-6093	ROD	1
37	SV-2704	BRACKET	1
38	SV-2626	LEVER	1
39	SV-3503	LINK	1
40	SL-6267	PIVOT PIN	2
41	SP-9103	ROLL PIN - 5/32" x 1"	4
42	DD-5640	WASHER - 1/2"	4
43	SV-2630	LEVER	1
44	SL-6172	ROLL PIN - 3/16" x 1"	1
45	TC-4864	LUG	1
46	C-1541	LOCKWASHER - 5/8"	4
47	C-5762	CAPSCREW - 5/8" NC x 1 1/2"	4
48	SV-2703	EYE BOLT	1
49	C-1525	NUT - 5/8" NC	1
(USED WITH ALLISON TRANSMISSION)			
(EFFECTIVE WITH SERIAL SUFFIX BPA4 THRU BPA4-G.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

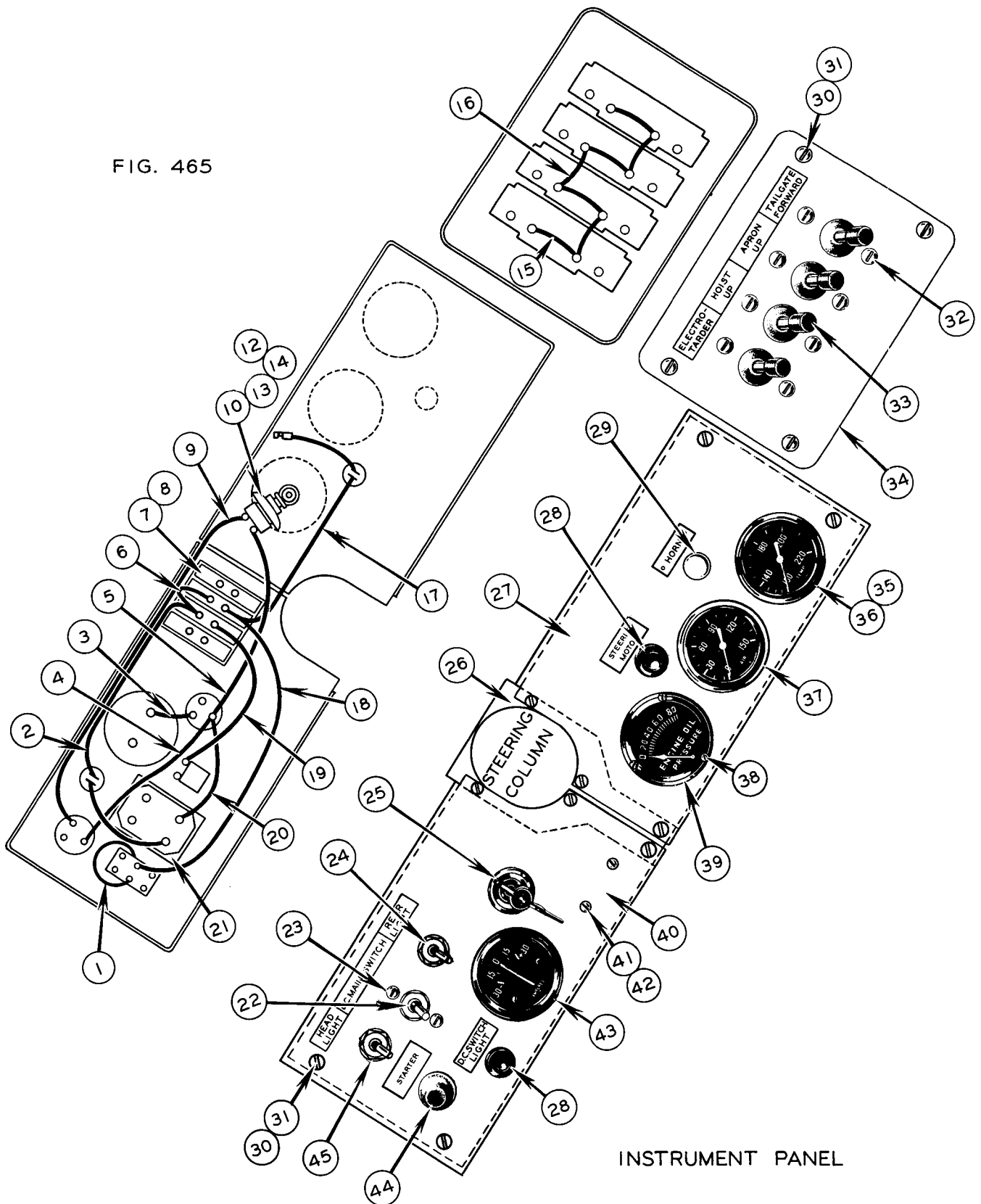
FIGURE 1050

TRANSMISSION CONTROL LINKAGE

Ref. No.	Part No.	Description	Qty.
1	TD-5335	PEDAL	1
2	R-6888	PIN, PIVOT	1
3	H-745	COTTER PIN - 3/32" x 3/4"	2
4	C-1547	FLATWASHER - 7/16" I.D. x 1" O.D.	2
5	DF-9567	SPRING	1
6	CC-7211	PIN, ROD END	2
7	SG-8445	ROLL PIN - 1/8" DIA. x 1"	2
8	SF-4663	YOKE END	2
9	SF-4358	NUT - 5/16" NF	2
10	TD-5334	ROD	1
11	TD-8796	BRACKET	1
12	SL-6172	ROLL PIN - 3/16" DIA. x 1 1/2"	2
13	TD-5333	LEVER	1
14	TD-5336	CRANK	1
15	TC-4524	BEARING, OILITE	2
16	TD-5330	LINK	1
17	SP-9103	ROLL PIN - 5/32" DIA. x 1"	8
18	DD-5640	FLATWASHER - 1/2"	8
19	SL-6267	PIN, PIVOT	4
20	SV-3503	LINK	1
21	SV-2626	CRANK	1
22	SL-5723	BEARING, OILITE	2
23	E-4162	PIN, ROD END	2
24	C-2303	COTTER PIN - 1/8" x 1"	2
25	D-5434	CLEVIS	2
26	C-1524	NUT - 1/2" NC	2
27	SV-2630	LEVER	1
28	TC-6093	ROD	1
29	C-1602	CAPSCREW - 3/8" NC x 1"	3
30	C-312	LOCKWASHER - 3/8"	3
	TD-4199	QUADRANT ASSEMBLY	1
31	SV-2636	ACTUATOR	1
32	HC-1603	CAPSCREW - SPECIAL	1
33	H-5765	NUT, CASTLE - 3/8" NF	1
34	C-2303	COTTER PIN - 1/8" x 1"	1
35	TD-8798	PLUNGER	1
36	HC-1185	SPRING	1
37	TD-5601	LEVER	1
38	SH-2327	BALL	1
39	TD-5600	QUADRANT	1
40	SV-2642	COVER	1
41	C-1602	CAPSCREW - 3/8" NC x 1"	3
42	C-312	LOCKWASHER - 3/8"	3
43	SV-3506	SHIM - .007	AR
	SV-3507	SHIM - .004	AR
44	SV-2638	LEVER	1
45	SV-3501	ROLL PIN - 3/16" DIA. x 2"	1
46	HE-5115	CLAMP	1
47	TD-4469	BOOT	1
48	HC-920	CLAMP	1
49	C-5762	CAPSCREW - 5/8" NC x 1 1/2"	4
50	C-1541	LOCKWASHER - 5/8"	4
51	TD-6506	BRACKET	1
(USED WITH ALLISON TRANSMISSION) (EFFECTIVE WITH SERIAL SUFFIX BPA4-H.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 465



INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

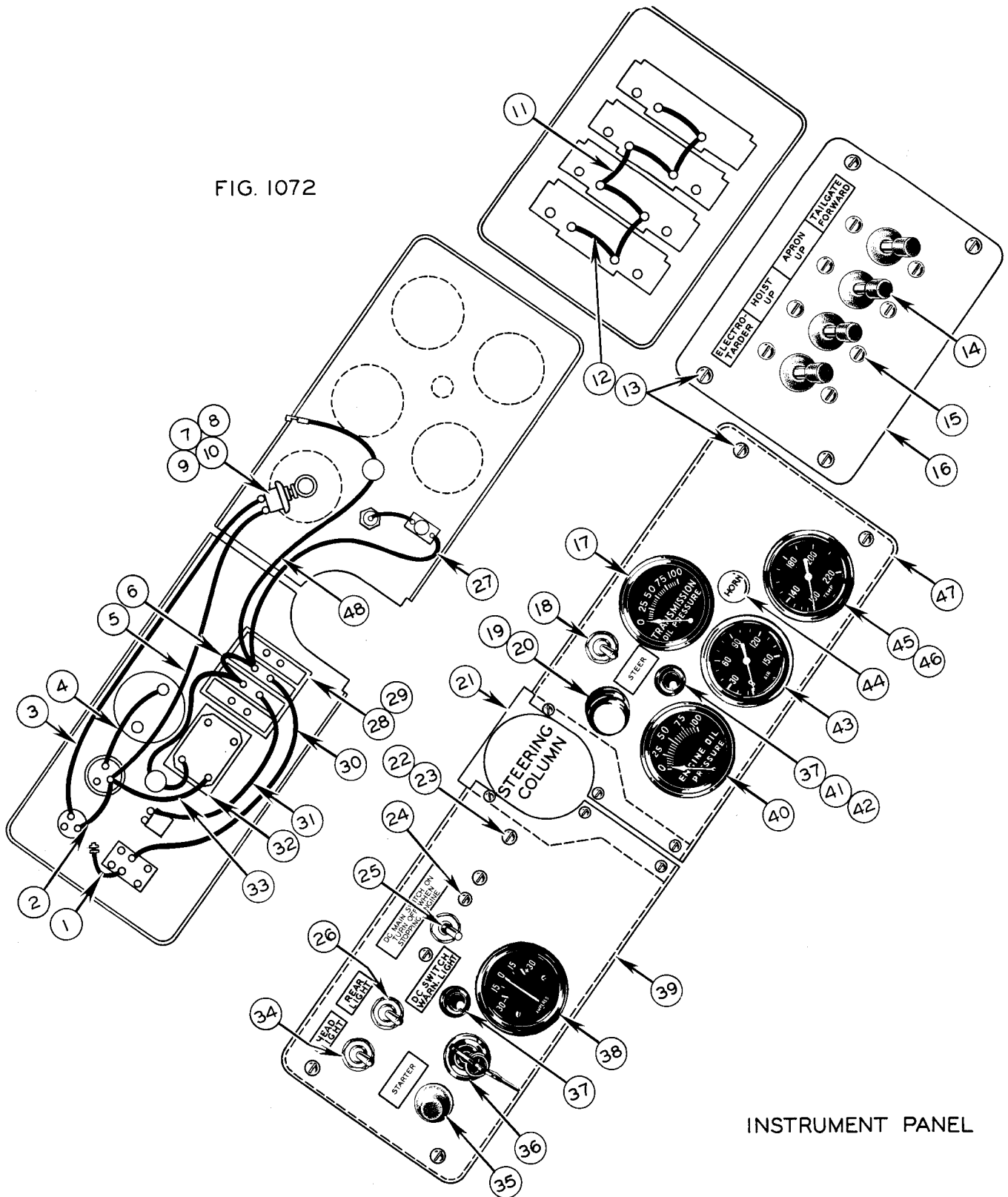
FIGURE 465

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	SV-8706	WIRE - HEADLIGHT SWITCH TO GROUND	1
2	TC-193	WIRE - D. C. SWITCH WARNING LIGHT	1
3	SR-6292	WIRE - KEY TO AMMETER	1
4	SV-2354	WIRE - KEY TO STARTER SWITCH	1
5	SV-2355	WIRE - KEY TO OIL PRESSURE SWITCH	1
6	SP-6116	WIRE - JUMPER	1
7	TC-183	TERMINAL STRIP	1
8	TC-2295	INSULATION	1
9	SV-2357	WIRE - STARTER SWITCH TO OIL PRESSURE SWITCH	1
10	SG-3290	SWITCH, OIL PRESSURE	1
12	R-2404	TEE - 1/4"	1
13	D-9862	NIPPLE - 1/4" x 3"	1
14	TD-9723	ADAPTOR - 1/8" x 1/4"	1
15	SL-8546	WIRE - JUMPER (ELECTROTARDER)	1
16	SP-6147	WIRE - JUMPER	1
17	TC-186	WIRE - STEERING WARNING LIGHT	1
18	SL-8542	WIRE - HEADLIGHT SWITCH TO TERMINAL	1
19	SV-839	WIRE - REAR LIGHT SWITCH TO TERMINAL	1
20	SV-2353	WIRE - KEY TO D. C. SWITCH	1
21	SP-8960	GASKET, RUBBER	1
22	DD-3622	SWITCH, D. C.	1
23	SG-2106	SCREW, SELF TAPPING - #6 x 1/2"	2
24	SR-8325	SWITCH	1
25	SP-6126	KEY SWITCH	1
26	SP-8463	GASKET	1
27	SP-8143	PANEL, RIGHT	1
28	SP-8443	BULB	2
29	SV-9125	HORN BUTTON	1
30	TD-5614	MACHINE SCREW - #10-24 x 1/4"	14
31	H-2643	LOCKWASHER - #10	14
32	DC-5004	MACHINE SCREW - #12-24 x 1/2"	8
33	TC-5004	SWITCH, CONTROL (Qty. Vary with Trailing Unit)	8
	DF-5856	SWITCH	8
	DC-3591	RUBBER TIP	4
34	SV-8897	PANEL	1
35	SF-8788	GAGE, TEMPERATURE	1
36	DC-4088	GROMMET	1
37	HC-8563	GAGE, AIR PRESSURE	1
38	SP-2823	GAGE, OIL PRESSURE	1
39	SG-2108	MACHINE SCREW - #8-32 x 1/2"	3
40	SP-8142	PANEL, LEFT	1
41	SC-731	MACHINE SCREW - #10-24 x 5/8"	2
42	H-2644	NUT - #10-24	2
43	HC-8538	AMMETER	1
44	DH-4839	SWITCH, STARTER	1
45	SV-6749	SWITCH	1
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1072



INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

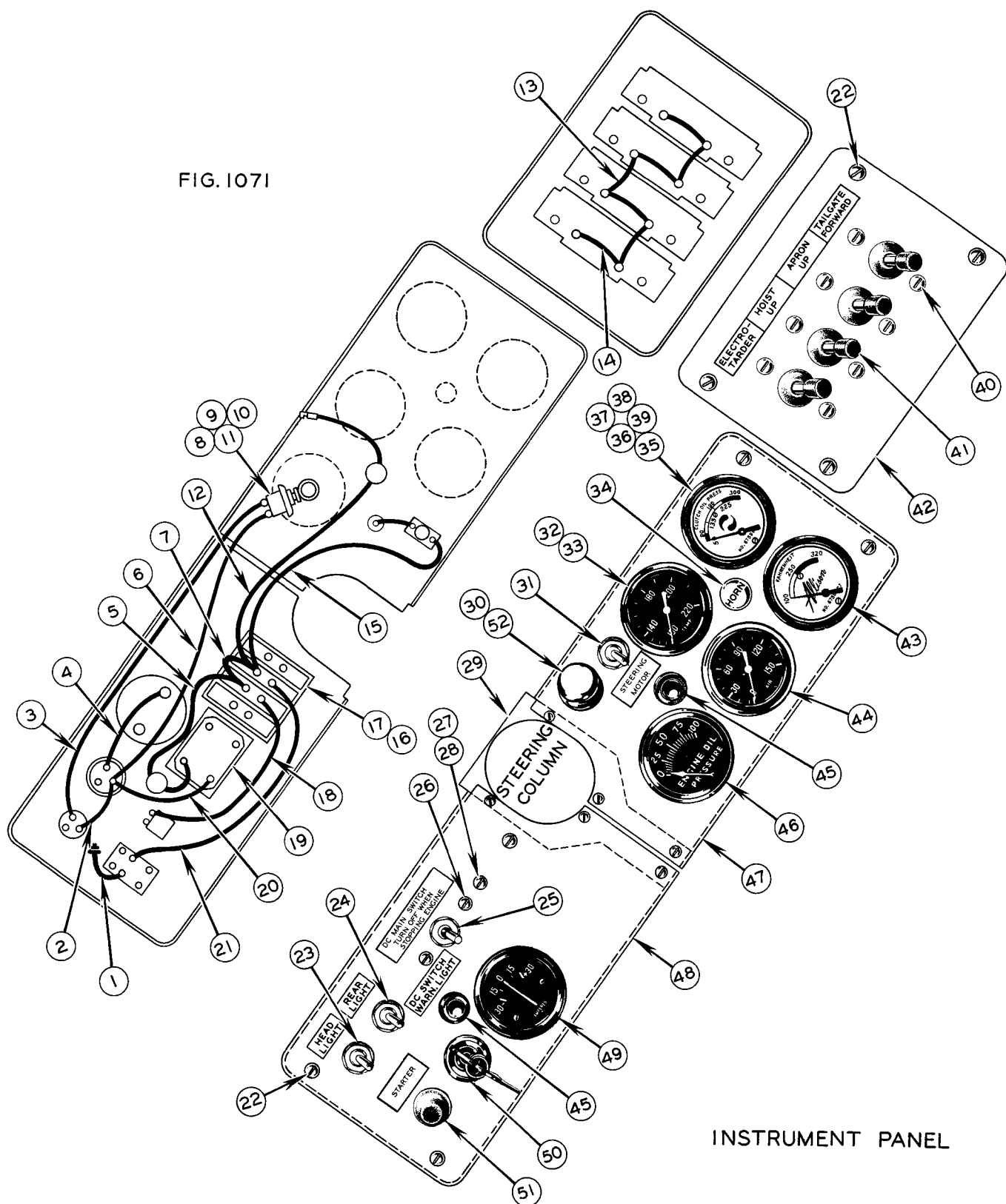
FIGURE 1072

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	SV-8706	WIRE - HEADLIGHT SWITCH TO GROUND	1
2	SV-2352	WIRE - KEY SWITCH TO STARTER SWITCH	1
3	SV-2358	WIRE - STARTER SWITCH TO OIL PRESSURE SWITCH	1
4	TC-5169	WIRE - KEY SWITCH TO AMMETER	1
5	SV-2357	WIRE - KEY SWITCH TO OIL PRESSURE SWITCH	1
6	SV-836	WIRE - JUMPER	1
7	SG-3290	SWITCH, OIL PRESSURE	1
8	R-2404	PIPE TEE - 1/8"	1
9	TD-6297	NIPPLE - 1/8" x 3"	1
10	TD-9723	ADAPTOR - 1/8" x 1/4" NPT	2
11	SP-6147	WIRE - JUMPER	1
12	SL-8546	WIRE - JUMPER (Electrotarder)	1
13	SG-1375	MACHINE SCREW - #10-24 x 1/2"	14
14	TC-5004	SWITCH, CONTROL (Qtys. vary with Trailing Unit)	4
	DF-5856	SWITCH	8
	DC-3591	TIP, RUBBER	4
15	DC-5004	MACHINE SCREW - #12-24 x 1/2"	8
16	SV-8897	PANEL	1
17	TF-5410	GAGE, TRANS. OIL PRESSURE **	1
18	SP-8325	SWITCH, DOOR LIGHT **	1
19	TF-6768	DASH LIGHT ASSEMBLY **	1
	SP-8443	BULB **	1
20	D-2779	LOCKWASHER, EXT. PRONG **	1
21	SP-6463	GASKET	1
22	SC-731	MACHINE SCREW - #10-24 x 5/8"	2
23	H-2644	NUT - #10-24	2
24	SG-2106	SCREW, SELF-TAPPING - #6 x 1/2"	2
25	DD-3622	SWITCH, D.C. *	1
	HE-5710	SWITCH, D.C. **	1
26	SP-8325	SWITCH, REAR LIGHT	1
27	SV-843	WIRE - TERMINAL STRIP TO PANEL LIGHT SWITCH **	1
28	TC-183	TERMINAL STRIP	1
29	TC-2295	INSULATION	1
30	SV-842	WIRE - TERMINAL STRIP TO HEAD LIGHT SWITCH	1
31	SV-840	WIRE - TERMINAL STRIP TO REAR LIGHT SWITCH	1
32	SP-8960	GASKET, RUBBER	1
33	SV-2353	WIRE - KEY SWITCH TO D.C. SWITCH	1
34	SV-6749	SWITCH, HEAD LIGHT	1
35	DH-4839	SWITCH, STARTER	1
36	SP-6126	SWITCH, KEY	1
37	SP-8443	BULB *	2
38	HC-8538	AMMETER	1
39	TC-3314	PANEL - LEFT *	1
	TF-7349	PANEL - LEFT **	1
40	TC-3317	GAGE, ENGINE OIL PRESSURE	1
41	TG-1341	LAMP HOLDER ASSEMBLY **	1
42	TG-1342	BULB, NEON **	1
43	HC-8563	GAGE, AIR PRESSURE	1
44	SV-9125	BUTTON, HORN	1
45	SF-8788	GAGE, WATER TEMPERATURE	1
46	DC-4088	GROMMET	1
47	TC-3315	PANEL - RIGHT *	1
	TF-5428	PANEL - RIGHT **	1
48	TC-1643	WIRE - STEERING MOTOR WARNING LIGHT *	1
*EFFECTIVE THRU SERIAL SUFFIX BPF4-M.			
**EFFECTIVE WITH SERIAL SUFFIX BPF4-N.			
(EFFECTIVE WITH SERIAL SUFFIX BPF4 & UP)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1071



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1071

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SV-8706	Wire - Head Light Switch to Ground .	1	26	SG-2106	Screw, Self-Tapping - #6 x 1/2" *	2
2	SV-2352	Wire - Key Switch to Starter Switch .	1	27	H-2644	Nut - #10-24 *	2
3	SV-2358	Wire - Starter Switch to Oil Pressure Switch	1	28	SC-731	Machine Screw - #10-24 x 5/8" ..	2
4	TC-5169	Wire - Key Switch to Ammeter	1	29	SP-6463	Gasket	1
5	TC-1644	Wire - D.C. Main Switch Warning Light *	1	30	TF-6768	Dash Light Assembly **	1
6	SV-2357	Wire - Key Switch to Oil Pressure Switch	1		SP-8443	Bulb **	1
7	SV-836	Wire, Jumper	1	31	SP-8325	Switch, Dash Light **	1
8	SG-3290	Switch, Oil Pressure	1	32	SF-8788	Gage, Water Temperature ...	1
9	R-2404	Tee - 1/8"	1	33	DC-4088	Grommet	1
10	TD-6297	Nipple - 1/8" x 3"	1	34	SV-9125	Button, Horn	1
11	TD-9723	Adaptor - 1/8" x 1/4" npt	1	35	TC-6172	Gage, Trans. Oil Pressure ...	1
12	TC-1643	Wire - Steering Motor Warning Light *	1	36	C-1231	Coupling - 1/8"	1
13	SP-6147	Wire, Jumper	1	37	TD-6297	Nipple - 1/8" x 3"	1
14	SL-8546	Wire, Jumper (Electrotarder)	1	38	SV-7053	Adaptor, Aeroquip Hose	1
15	SV-843	Wire - Terminal Strip to Panel Light Switch **	1	39	TD-9196	Elbow - 1/4" x 45°	1
16	TC-183	Terminal Block	1	40	DC-5004	Machine Screw - #12-24 x 1/4" ..	8
17	TC-2295	Insulation	1	41	TC-5004	Control Switch (Qty. Vary with Trailing Unit) ...	4
18	SV-840	Wire - Terminal Block to Rear Light Switch	1		DF-5856	Switch	8
19	SP-8960	Gasket, Rubber *	1		DC-3591	Tip, Rubber	4
20	SV-2353	Wire - Key Switch to D.C. Main Switch	1	42	SV-8897	Panel	1
21	SV-842	Wire - Terminal Block to Head Light Switch	1	43	SV-2708	Gage, Trans. Oil Temperature ..	1
22	SG-1375	Machine Screw - #10-24 x 1/2" ...	14	44	HC-8563	Gage, Air Pressure	1
23	SV-6749	Switch, Head Light	1	45	SP-8443	Bulb *	2
24	SR-8325	Switch, Rear Light	1		TG-1341	Lamp Holder Assembly ** ...	1
25	DD-3622	Switch, D.C. *	1		TG-1342	Bulb, Neon **	1
	HE-5710	Switch, D.C. **	1	46	TC-3317	Gage, Engine Oil Pressure ...	1
	TG-2379	Gasket **	1	47	TC-5206	Panel - Right *	1
	DC-2354	Screw - #8-32 x 5/16" **	2		TF-6549	Panel - Right **	1
				48	TC-3314	Panel - Left *	1
					TF-7349	Panel - Left **	1
				49	HC-8538	Ammeter	1
				50	SP-6126	Switch, Key	1
				51	DH-4839	Switch, Starter	1
				52	D-2779	Lockwasher, External Prong ** ..	1

* Effective thru Serial Suffix BPA4- J.

** Effective with Serial Suffix BPA4-K.

(Effective with Serial Suffix BPA4.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

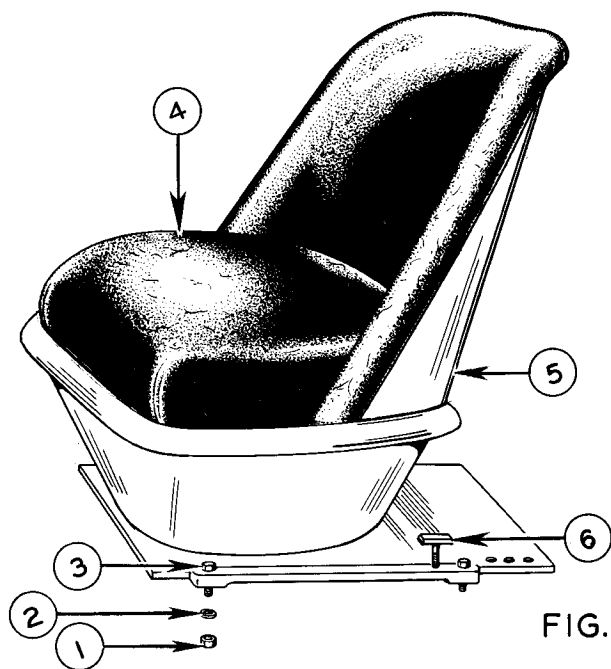


FIG. 1080 A

SEAT

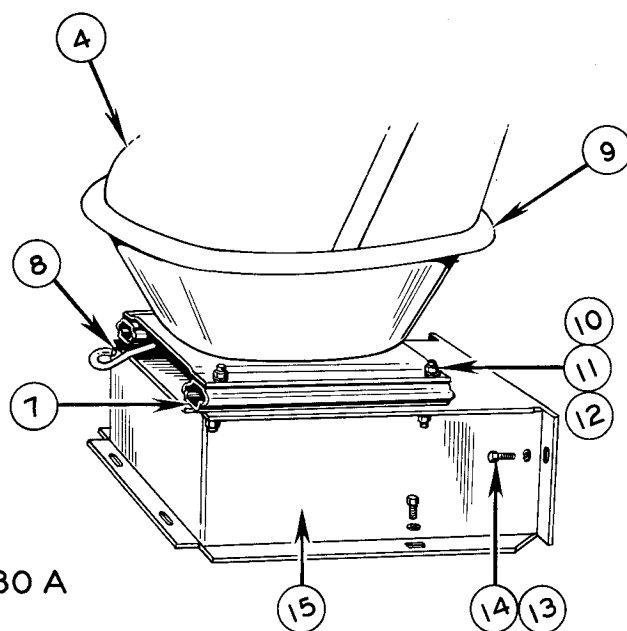


FIG. 1080 B
BATTERY BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1080A

SEAT

Ref. No.	Part No.	Description	Qty.
1	C-1521	NUT - 3/8" NC	4
2	C-312	LOCKWASHER - 3/8"	4
3	C-1605	CAPSCREW - 3/8" NC x 1 3/4"	4
4	SF-7849	CUSHION	1
5	SH-7787	SEAT	1
6	SG-6020	LOCKSCREW	1
7	TG-357	ADJUSTER - LEFT	1
8	TG-356	ADJUSTER - RIGHT	1
9	TG-353	SEAT	1
10	C-9656	NUT - 5/16" NF	8
11	E-3735	FLATWASHER - 5/16"	8
12	C-1538	LOCKWASHER - 5/16"	8
13	C-1600	CAPSCREW - 3/8" NC x 1/2"	6
14	C-312	LOCKWASHER - 3/8"	6
15	TF-7898	SEAT BOX	1
NOT SHOWN			
	SL-720	SEAT COVER, PLASTIC	1
	TC-3327	SEAT BELT ASSEMBLY (Includes Mounting)	1
	DH-9347	LOOP BRACKET, SEAT BELT	2

FIGURE 1080B

BATTERY BOX

1		BATTERY - 12 VOLT (Order Exide Hy-Cap 8D)	2
2	SV-3143	BLOCK, SPACER	2
3	SP-1966	BLOCK, SPACER	4
4	SL-6537	BOLT	4
5	SL-9260	CABLE, JUMPER	1
6	SV-6693	BLOCK	2
7	SV-8001	CHANNEL, RUBBER	2
8	SL-6757	BOARD	2
9	SV-6694	CHANNEL, RUBBER (End)	2
10	SV-6695	CHANNEL, RUBBER (Center)	8
11	SL-6533	PLATE	2
12	C-1521	NUT - 3/8" NC	9
13	C-312	LOCKWASHER - 3/8"	1
14	C-1547	FLATWASHER - 3/8"	1
15	SP-1994	CLAMP	1
16	TC-2288	CABLE, GROUND	1
17	C-1612	CAPSCREW - 1/2" NC x 1"	1
18	C-1540	LOCKWASHER - 1/2"	1
19	C-1523	NUT - 1/2" NC	1
20	TC-2268	CABLE, BATTERY TO STARTER SOLENOID	1
21	SL-7366	GROMMET	4
22	TD-8479	COVER	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

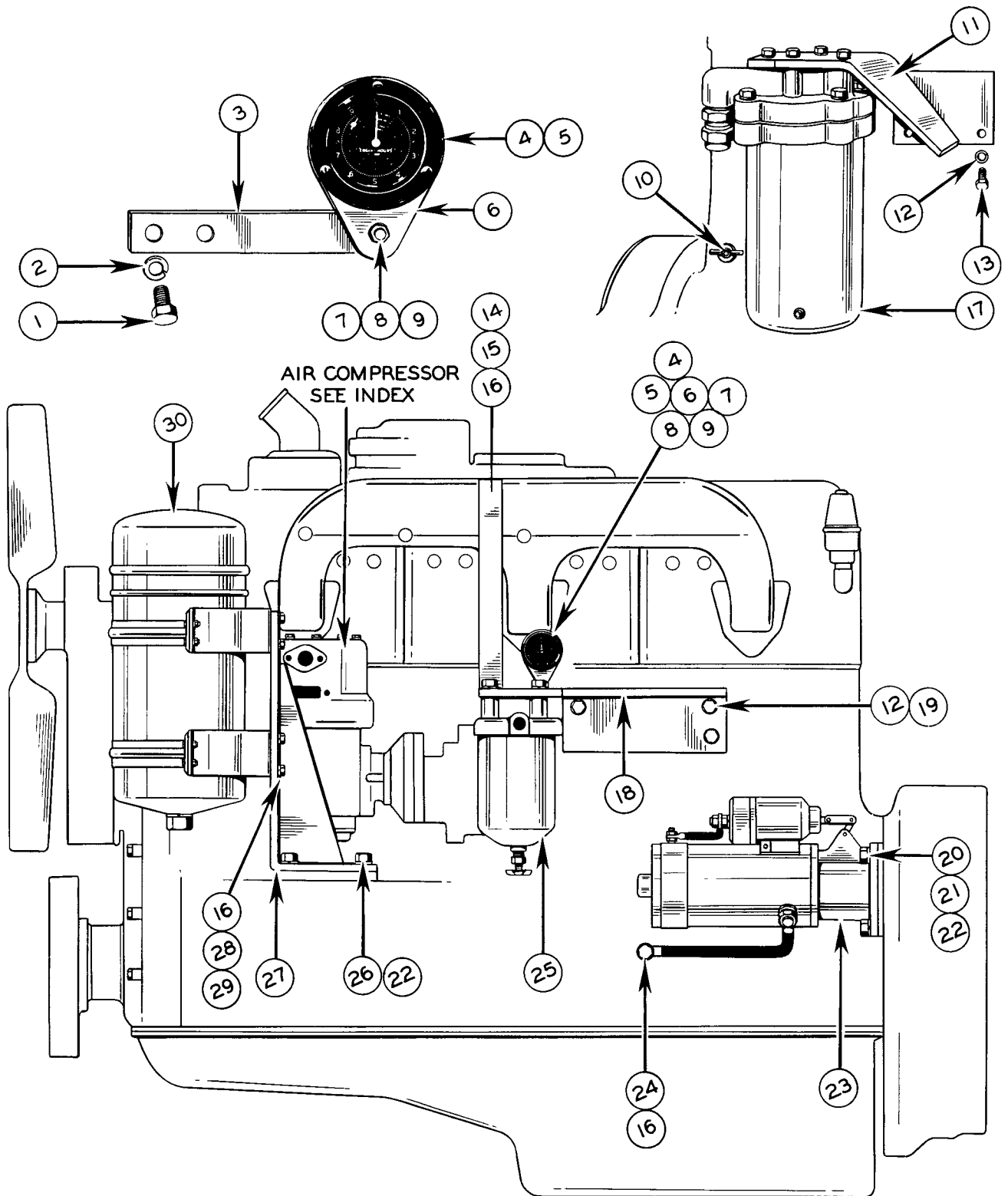


FIGURE 523
ENGINE MISCELLANEOUS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 523

ENGINE MISCELLANEOUS

Ref. No.	Part No.	Description	Qty.
1	C-1608	CAPSCREW - 7/16" NC x 1"	2
2	C-5775	LOCKWASHER - 7/16"	2
3	SV-2745	BRACKET	1
4	SL-7833	HOUR METER	1
5	SP-1124	DAMPENER	1
6	SP-1123	MOUNT PLATE	1
7	C-1520	NUT - 5/16" NC	1
8	C-9656	NUT - 5/16" NF	1
9	C-1538	LOCKWASHER - 5/16"	2
10	HC-1851	DRAIN COCK (Cummins Engine)	1
	H-5895	DRAIN COCK (GM Engine)	1
11	TC-1441	BRACKET	1
12	R-8148	LOCKWASHER - 9/16"	5
13	SL-6153	CAPSCREW - 9/16" NF x 1 1/2"	2
14	TC-1445	STABILIZER	1
15	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	4
16	C-312	LOCKWASHER - 3/8"	13
17	H-8095	ELEMENT	1
	SF-9685	GASKET	1
18	SV-9986	MOUNT BRACKET	1
19	SL-6152	CAPSCREW - 9/16" NF x 1 1/4"	3
20	C-1630	CAPSCREW - 5/8" NC x 2"	2
21	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	1
22	C-1541	LOCKWASHER - 5/8"	4
23	TD-7180	STARTER, SOLENOID & SWITCH	1
24	C-5799	CAPSCREW - 3/8" NF x 3/4"	1
25	SP-9331	FUEL FILTER (See Index)	1
26	C-7575	CAPSCREW - 5/8" NF x 1"	3
27	TC-1053	BRACKET	1
28	C-1602	CAPSCREW - 3/8" NC x 1"	8
29	C-1521	NUT - 3/8" NC	8
30	SP-3251	OIL FILTER (See Index)	1
NOT SHOWN			
	TC-4062	ENGINE SHUT-DOWN ROD	1
	C-2303	COTTER PIN - 1/8" x 1"	1
	SV-2738	NOB	1
	SF-4358	NUT, JAM - 5/16" NF	1
	TF-6805	BRACKET, FAN MOUNT	1
	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	6
	C-1540	LOCKWASHER - 1/2"	6
	TF-6837	FAN BLADE	1
	C-7572	CAPSCREW - 5/16" NF x 2"	6
	C-1538	LOCKWASHER - 5/16"	6
	C-9656	NUT - 5/16" NF	6
	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	1
	DD-5640	WASHER, PLAIN - 17/32"	2
	TF-6835	FAN BELT SET	1
NOTE: Ref. Nos. 1 thru 10 & Not Shown Items Used with GM Engine. Ref. Nos. 4 thru 30 Used with Cummins Engine.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

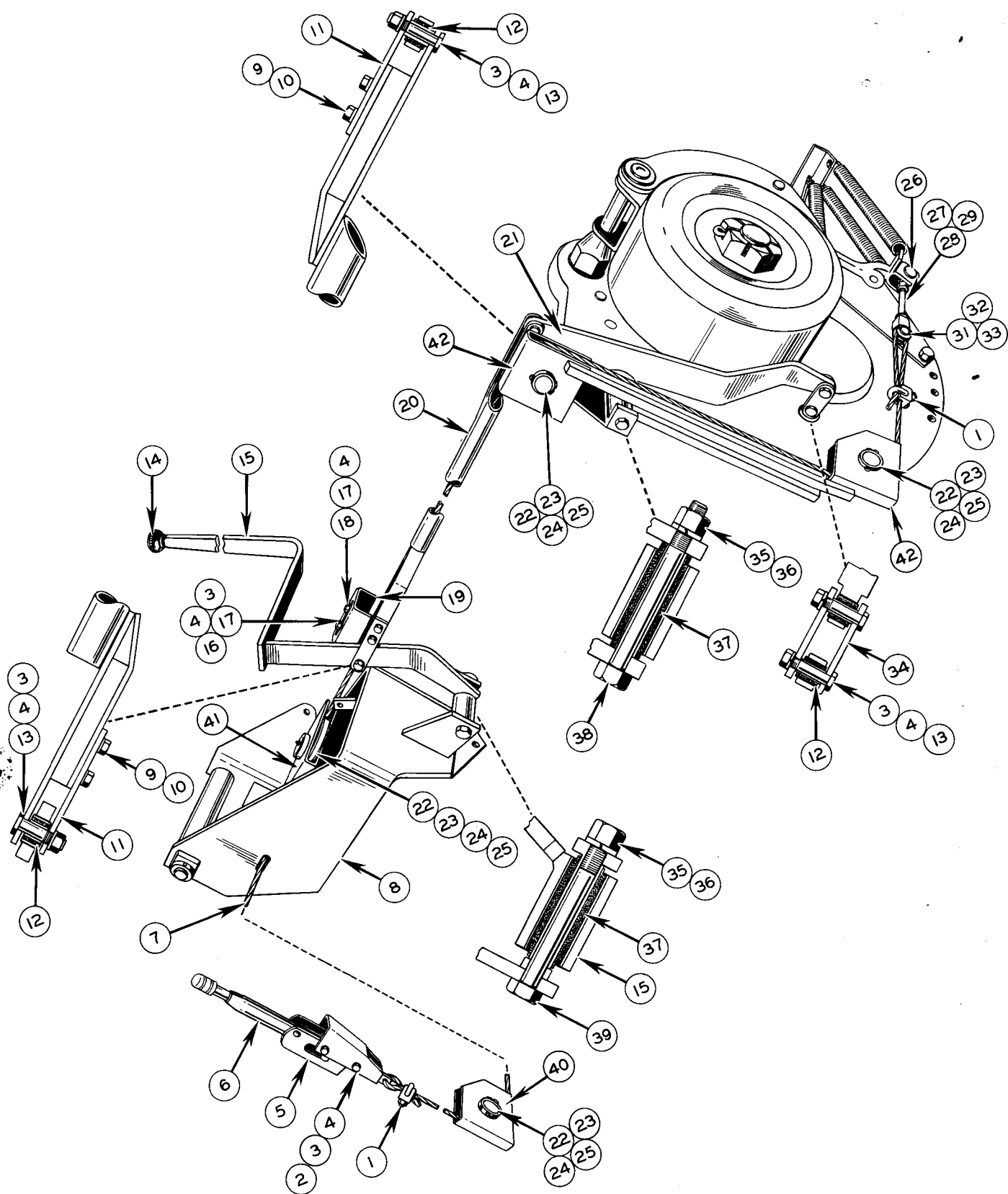


FIG. 1003

AUX. TRANSMISSION & PARKING BRAKE LINKAGE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1003 AUX. TRANSMISSION & PARKING BRAKE LINKAGE

Ref. No.	Part No.	Description	Qty.
1	R-4693	CLAMP	4
2	H-595	CAPSCREW - 3/8" NC x 2 1/4"	2
3	C-1521	NUT - 3/8" NC	7
4	C-312	LOCKWASHER - 3/8"	9
5	SP-9100	LINK	1
6	SL-6727	LEVER, BRAKE	1
7		WIRE ROPE - 1/4" x 6 x 19 x 13'	1
8	TD-6182	BRACKET (See Clutch Linkage for Mtg.)	1
9	H-8136	CAPSCREW - 1/4" NC x 1 1/2"	4
10	C-5774	LOCKWASHER - 1/4"	4
11	TD-6177	PLATE	2
12	TF-6526	BUSHING	4
13	C-1605	CAPSCREW - 3/8" NC x 1 3/4"	4
14	SH-2327	BALL	1
15	TD-6542	LEVER, HI-LO (Includes 1 each of TF-6526 & TF-6525)	1
16	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	1
17	DF-3042	FLATWASHER - 3/8"	3
18	C-5799	CAPSCREW - 3/8" NF x 3/4"	1
19	TF-613	CAM	1
20	TF-2367	CONTROL PIPE	1
21	TD-6536	LEVER (Includes 2 of TF-6526 & TF-6525)	1
22	SL-8035	SHEAVE WHEEL	4
23	SL-5809	SHEAVE PIN	4
24	SL-5749	BEARING	4
25	D-1782	COTTER PIN - 3/16" x 2"	4
26	SP-6483	PIVOT PIN	1
27	SP-6454	YOKE END	1
28	DD-5640	FLATWASHER - 1/2"	1
29	C-1524	NUT - 1/2" NF	2
31	SP-9103	ROLL PIN - 5/32" x 1"	1
32	SP-6455	SPOOL	1
33	E-4162	PIVOT PIN	1
34	TD-4887	LINK	2
35	C-1541	LOCKWASHER - 5/8"	1
36	C-1525	NUT - 5/8" NC	1
37	TF-6525	BUSHING	2
38	C-1642	CAPSCREW - 5/8" NC x 4 3/4"	1
39	C-1641	CAPSCREW - 5/8" NC x 5"	1
40	SL-9433	SHEAVE HOUSING	1
41	SL-8559	SHEAVE HOUSING	1
42	SL-8277	SHEAVE HOUSING	2
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 THRU BPF4-M)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

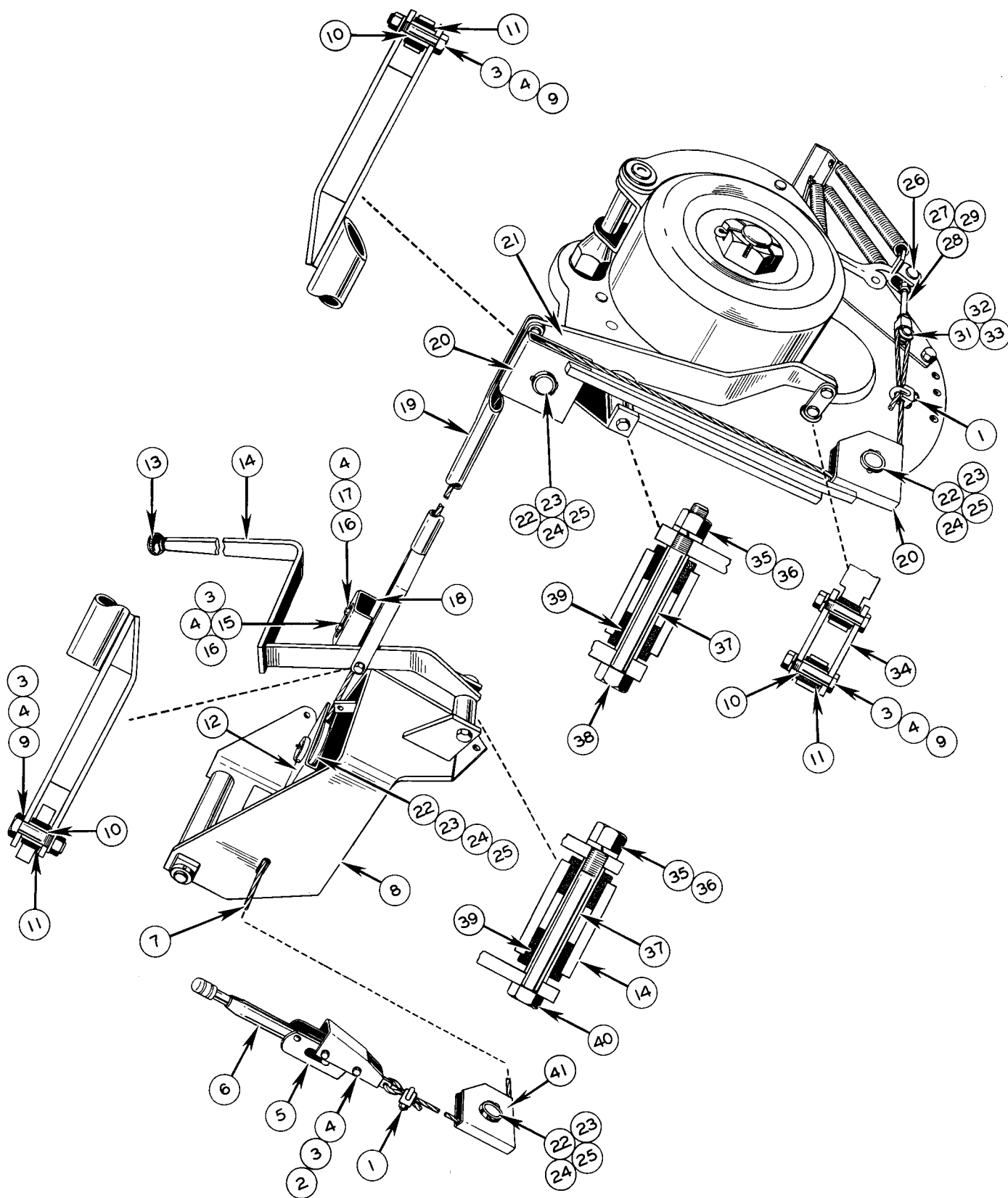


FIG. 1110

AUX. TRANSMISSION & PARKING BRAKE LINKAGE

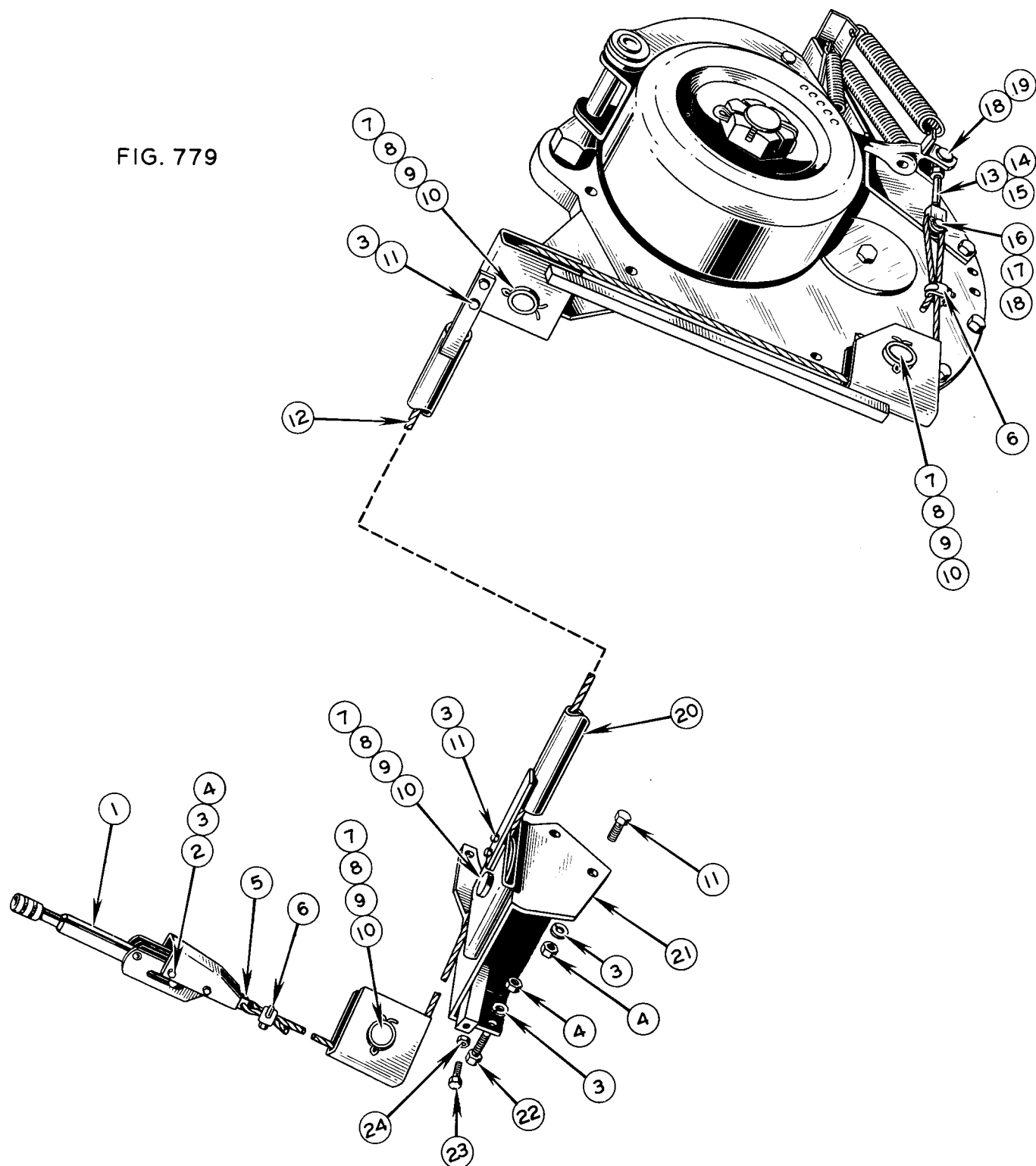
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1110 AUX. TRANSMISSION & PARKING BRAKE LINKAGE

Ref. No.	Part No.	Description	Qty.
1	R-4693	CLAMP	4
2	H-595	CAPSCREW - 3/8" NC x 2 1/4"	2
3	C-1521	NUT - 3/8" NC	7
4	C-312	LOCKWASHER - 3/8"	7
5	SP-9100	LINK	1
6	SL-6727	LEVER, BRAKE	1
7		WIRE ROPE - 1/4" x 6 x 19 x 13'	1
8	TD-6182	BRACKET (See Clutch Linkage for Mtg. Hardware)	1
9	C-1605	CAPSCREW - 3/8" NC x 1 3/4"	4
10	TF-6362	SLEEVE	4
11	TF-6361	BUSHING	4
12	SL-8559	SHEAVE HOUSING	1
13	SH-2327	BALL	1
14	TD-6159	LEVER, HI-LO	1
15	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	1
16	DF-3042	FLATWASHER - 3/8"	3
17	C-5799	CAPSCREW - 3/8" NF x 3/4"	1
18	TF-613	CAM	1
19	TD-6178	CONTROL PIPE	1
20	SL-8277	SHEAVE HOUSING	2
21	TD-6536	LEVER, CONTROL	1
22	SL-8035	SHEAVE WHEEL	4
23	SL-5809	SHEAVE PIN	4
24	SL-5749	BEARING	4
25	D-1782	COTTER PIN - 3/16" x 2"	4
26	SP-6483	PIVOT PIN	1
27	SP-6454	YOKE END	1
28	DD-5640	FLATWASHER - 1/2"	1
29	C-1524	NUT - 1/2" NF	2
31	SP-9103	ROLL PIN - 5/32" x 1"	1
32	SP-6455	SPOOL	1
33	E-4162	PIVOT PIN	1
34	TD-4887	LINK	2
35	C-1525	NUT - 5/8" NC	1
36	C-1541	LOCKWASHER - 5/8"	1
37	TF-5442	SLEEVE	2
38	C-1642	CAPSCREW - 5/8" NC x 4 3/4"	1
39	TF-6360	BUSHING	4
40	C-1641	CAPSCREW - 5/8" NC x 5"	1
41	SL-9433	SHEAVE HOUSING	1
(EFFECTIVE WITH SERIAL SUFFIX BPF4-N.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 779



PARKING BRAKE LINKAGE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

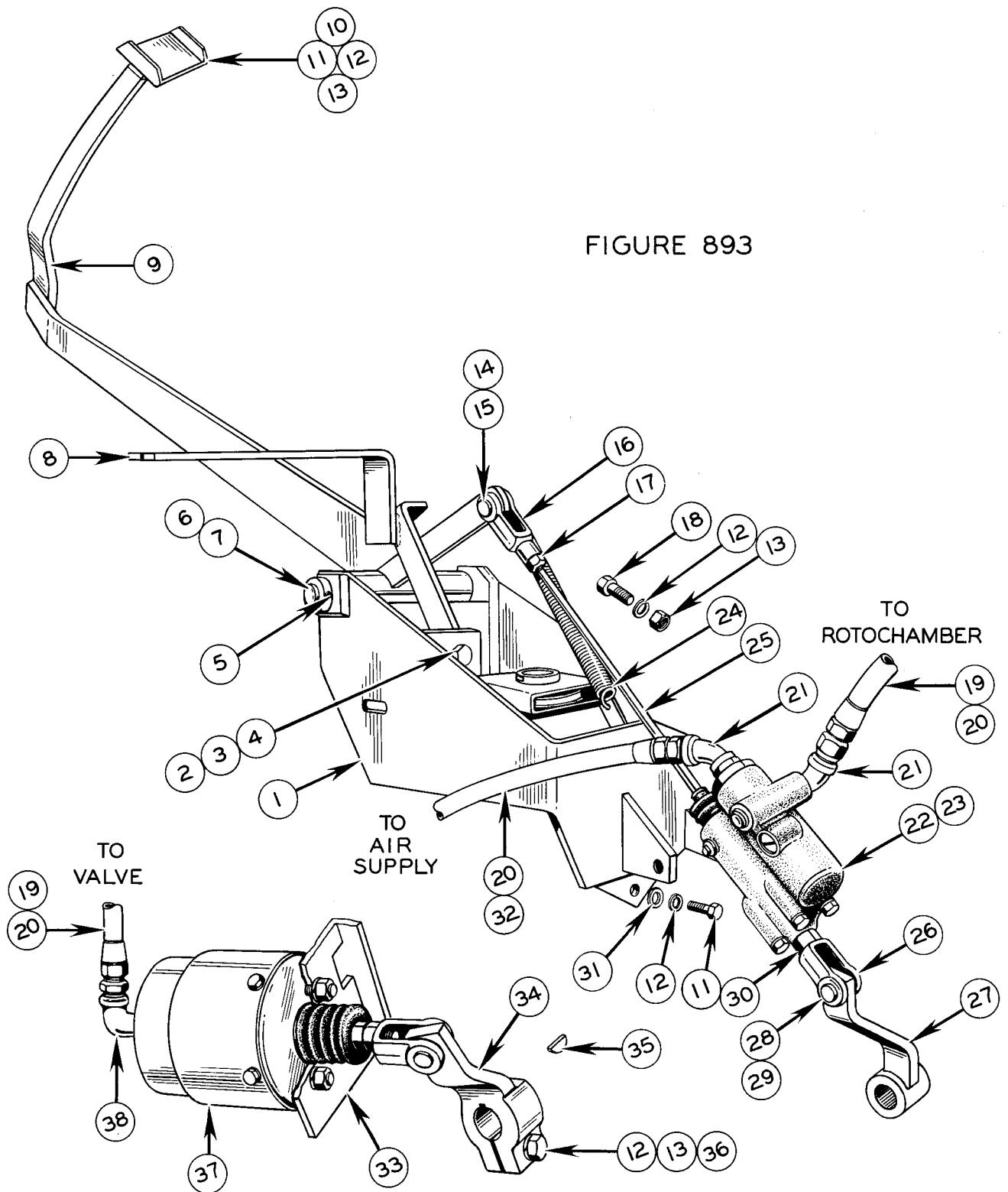
FIGURE 779

PARKING BRAKE LINKAGE

Ref. No.	Part No.	Description	Qty.
1	SL-6727	LEVER, BRAKE	1
2	H-595	CAPSCREW - 3/8" NC x 2 1/4"	2
3	C-312	LOCKWASHER - 3/8"	10
4	C-1521	NUT - 3/8" NC	8
5	SP-9100	LINK	1
6	R-4693	CLAMP	2
7	SL-8035	SHEAVE WHEEL	4
8	SL-5809	SHEAVE PIN	4
9	SL-5749	BEARING	4
10	D-1782	COTTER PIN - 3/16" x 2"	4
11	C-1601	CAPSCREW - 3/8" NC x 3/4"	6
12		WIRE ROPE - 1/4" x 6 x 19 x 13'	1
13	SP-6454	YOKE END	1
14	H-749	NUT, JAM - 1/2" NF	2
15	DD-5640	FLATWASHER	2
16	SP-6455	SPOOL	1
17	E-4162	PIVOT PIN	1
18	SP-9103	ROLL PIN - 5/32" x 1"	2
19	SP-6483	PIVOT PIN	1
20	TC-4384	PIPE	1
21	TC-5420	BRACKET	1
22	C-5751	CAPSCREW - 3/8" NC x 2 1/2"	2
23	C-7568	CAPSCREW - 5/16" NF x 1"	1
24	C-9656	NUT, JAM - 5/16" NF	1
(EFFECTIVE WITH SERIAL SUFFIX BPA4.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 893



CLUTCH LINKAGE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 893

CLUTCH LINKAGE

Ref. No.	Part No.	Description	Qty.
1	TD-6182	BRACKET	1
2	TF-1446	CAPSCREW - 1/2" NF x 2 3/4"	1
3	H-749	NUT - 1/2" NF	1
4	E-4132	COTTER PIN - 1/8" x 2"	1
5	SP-9104	ROLL PIN	1
6	SL-8262	PIVOT PIN	2
7	SL-5723	BEARING, OILITE	1
8	TD-6187	LEVER, INTERLOCK	1
9	SV-8870	LEVER, CLUTCH	1
10	SP-4072	PEDAL	1
11	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	3
12	C-312	LOCKWASHER - 3/8"	6
13	C-1521	NUT - 3/8" NC	4
14	H-2220	PIN	1
15	D-4098	COTTER PIN - 3/32" x 1"	3
16	H-2224	CLEVIS	1
17	R-6864	NUT - 3/8" NF	1
18	C-5751	CAPSCREW - 3/8" NC x 2 1/2"	2
19	TF-4232	HOSE ASSEMBLY - 3/8" x 30"	1
20	TD-9720	ADAPTOR, MALE - 1/4"	3
21	S-7182	STREET ELL - 1/4" x 45°	2
22	TC-114	VALVE CLUTCH (See Index)	1
23	C-5769	PIPE PLUG - 1/4"	1
24	C-71	SPRING	1
25	TD-7583	ROD	1
26	H-2462	CLEVIS	1
27	TD-7985	LEVER	1
28	E-4162	PIN	2
29	C-2303	COTTER PIN - 1/8" x 1"	2
30	C-1524	NUT - 1/2" NF	2
31	DF-3042	SHIM WASHER	AR
32	TF-4247	HOSE ASSEMBLY - 3/8" x 51"	1
33	TD-9450	BRACKET (See Trans. Misc. & Piping for Mtg.)	1
34	TD-7585	LEVER	1
35	F-4019	KEY, WOODRUFF - #607	1
36	C-1606	CAPSCREW - 3/8" NC x 2"	1
37	TD-5140	ROTOCHAMBER (See Index)	1
38	S-2916	STREET ELL - 1/4" x 90°	1
(USED WITH FULLER L-1520 TRANSMISSION)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

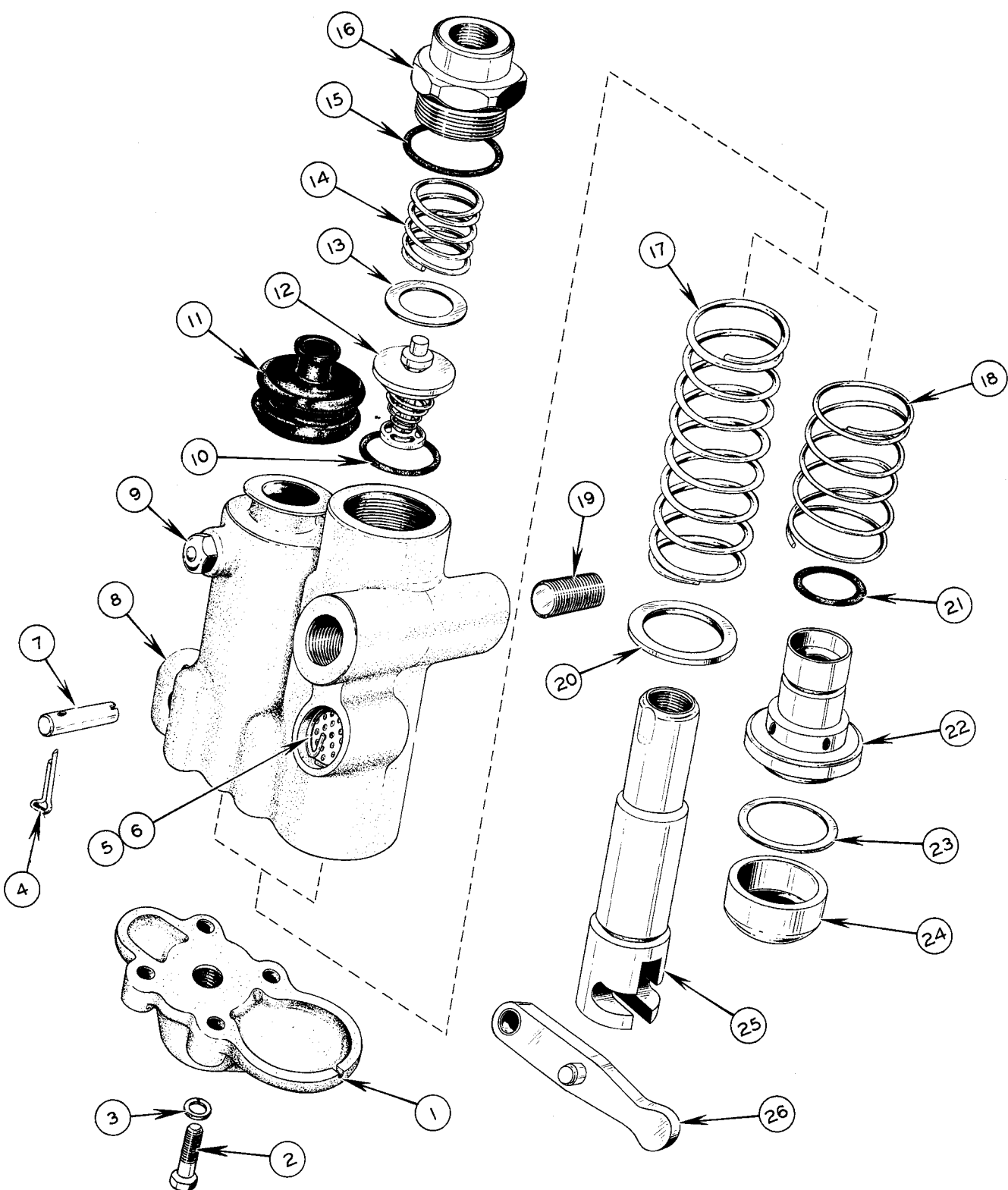


FIG. 944

CLUTCH VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 944

CLUTCH VALVE ASSEMBLY TC-114

Ref. No.	Part No.	Description	Qty.
1	TF-1952	COVER	1
2	TF-1953	CAPSCREW - 5/16" - 18	4
3	SG-1184	LOCKWASHER - 5/16"	4
4	TF-1951	COTTER PIN	1
5	TF-1957	STRAINER PLATE	2
6	TF-1954	RETAINER RING	1
7	TF-1950	FULCRUM PIN	1
8	TF-1378	BODY COMPLETE	1
		BODY (not serviced)	1
	TF-1379	BUSHING, PISTON	1
	SR-1572	GROMMET, PISTON	1
9	TF-1956	OILER, BALL TYPE - 5/16" - 32	1
	TF-1380	OILER, FELT	1
10	TF-1381	GROMMET, INLET VALVE SEAT	1
11	TF-1955	BOOT	1
12	TF-1382	INLET & EXHAUST VALVE COMPLETE	1
13	TF-1388	WASHER	1
14	SR-1578	SPRING	1
15	SR-6733	GROMMET	1
16	TF-1389	INLET CAP	1
17	TF-1394	SPRING	1
18	TF-1390	SPRING	1
19	SG-6560	PIPE PLUG - 1/4"	1
20	TF-1395	WASHER	1
21	SV-4356	GROMMET	1
22	TF-1391	PISTON	1
23	TF-1392	SHIM	AR
24	TF-1393	SPRING SEAT	1
25	TF-1396	PULL ROD	1
26	TF-1397	LEVER COMPLETE	1
		LEVER (not serviced)	1
	TF-1398	LEVER PIN	1
	TF-1399	BUSHING	1
(USED WITH CLUTCH LINKAGE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

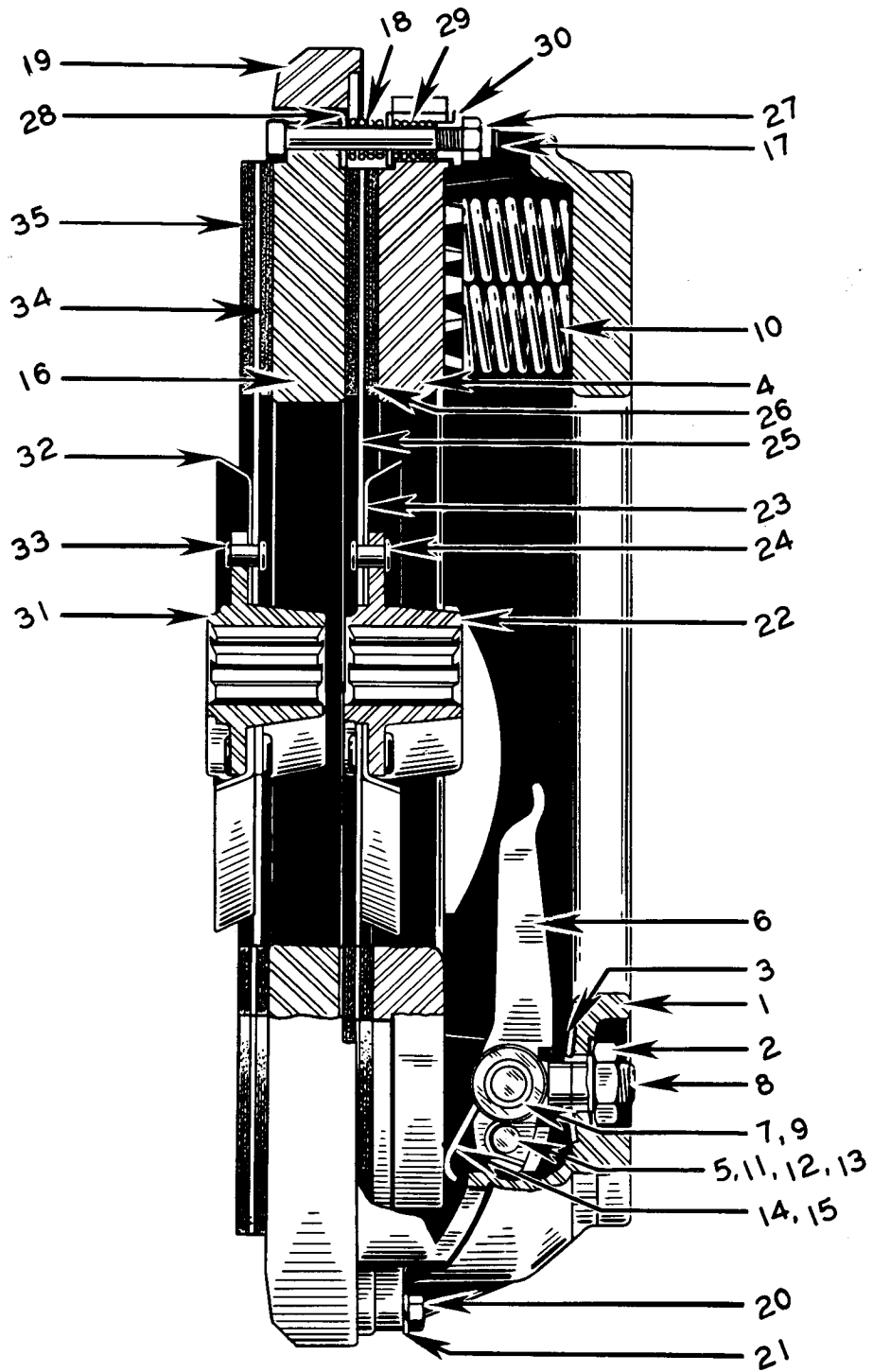


FIG. 508

16" CLUTCH - ROCKFORD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 508

16" CLUTCH ASSEMBLY TD-3480

Ref. No.	Part No.	Description	Qty.
	TD-3479	CLUTCH ADAPTOR & CENTER PLATE ASSEMBLY	1
	TD-3482	COVER ASSEMBLY	1
	TD-3481	BACK PLATE ASSEMBLY	1
1	*	BACK PLATE	1
2	CD-5552	NUT, ADJUSTING	4
3	CD-5553	WASHER, ADJUSTING NUT	4
	SR-8580	PRESSURE PLATE ASSEMBLY	1
4	*	PRESSURE PLATE	1
5	CD-5556	NEEDLE BEARING	8
	CD-5559	LEVER ASSEMBLY	1
6	CD-5560	LEVER	4
7	CD-5561	PIVOT PIN	4
	CD-5562	EYEBOLT	4
8	*	EYEBOLT	4
9	SD-8379	NEEDLE BEARING	4
10	CD-5564	PRESSURE SPRING	18
	SR-8585	WASHER RETAINER	18
	SR-8586	WASHER, INSULATING	18
11	CD-5565	LEVER PIN	4
12	CD-5566	WASHER	4
13	R-4891	COTTER PIN - 1/8" x 3/4"	4
14	CD-5567	SPRING, ANTI-RATTLE	4
15	SG-6832	WASHER	4
	SG-6842	CAPSCREW - 3/8" NC x 2 1/2"	4
16	SG-6843	CENTER PLATE	1
17	SG-6840	RETURN SCREW, CENTER PLATE	4
18	SR-8589	SPRING, PLATE SEPARATOR	4
19	TD-3478	ADAPTOR, CLUTCH	1
20	C-1599	CAPSCREW - 5/16" NC x 1 1/2"	4
21	C-1538	LOCKWASHER - 5/16"	4
	CD-5577	DRIVEN MEMBER ASSEMBLY	1
22	*	SPLINED CENTER	1
23	*	OIL SLINGER	1
24	*	RIVET	12
	*	CLUTCH PLATE & FACING ASSEMBLY	1
25	*	CLUTCH PLATE	1
26	*	CLUTCH FACING	2
27	SG-6838	FLEX LOCKNUT - 3/8" - 24	4
28	SG-6841	SPRING, PLATE SEPARATOR	8
29	SR-8588	SPRING, ANTI-RATTLE	4
30	SG-6835	BUSHING, RETURN SCREW	4
	CD-5578	DRIVEN MEMBER ASSEMBLY	1
31	*	SPLINED CENTER	1
32	*	RIVET	12
	*	CLUTCH PLATE & FACING ASSEMBLY	1
34	*	CLUTCH PLATE	1
35	*	FACING	2
* NOT SERVICED SEPARATELY. ORDER SUB-ASSEMBLY IN WHICH PART IS INCLUDED.			
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

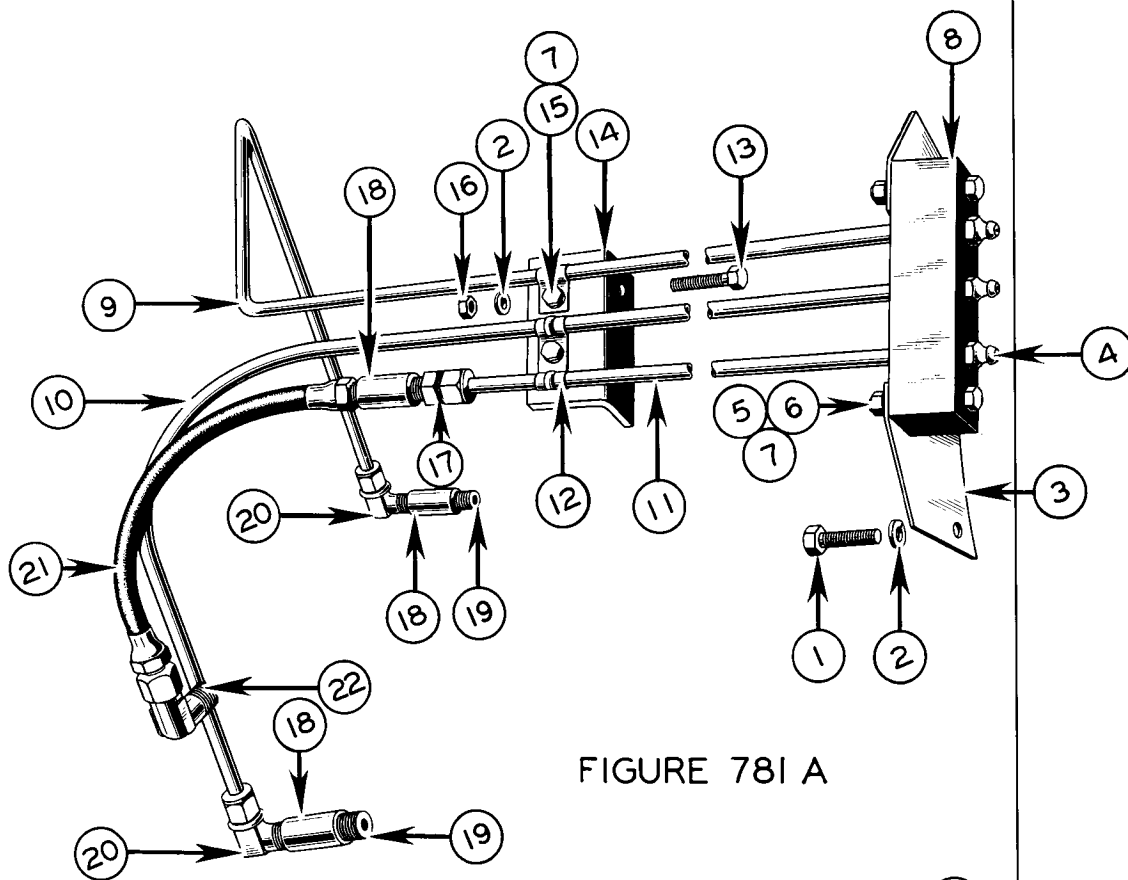


FIGURE 781 A

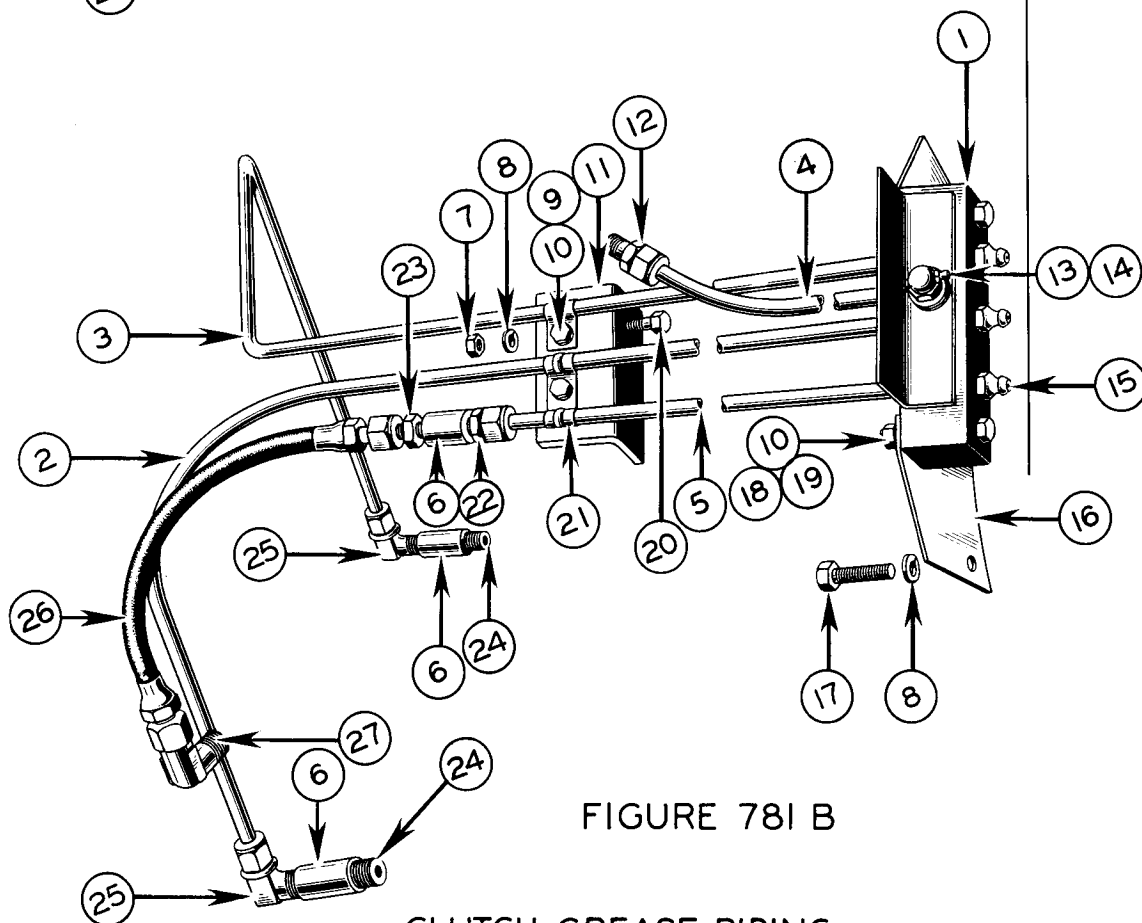


FIGURE 781 B

CLUTCH GREASE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 781A

CLUTCH & GENERATOR GREASE PIPING

Ref. No.	Part No.	Description	Qty.
1	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	2
2	C-312	LOCKWASHER - 3/8"	3
3	SV-1172	BRACKET	1
4	C-315	GREASE FITTING	3
5	C-7589	CAPSCREW - 1/4" NC x 1 1/2"	2
6	C-5780	NUT - 1/4" NC	2
7	C-5774	LOCKWASHER - 1/4"	4
8	SV-1173	JUNCTION BLOCK ASSEMBLY	1
	SV-1170	JUNCTION BLOCK	1
9	SV-337	TUBE ASSEMBLY - 1/4" x 46 1/2"	1
10	SV-338	TUBE ASSEMBLY - 1/4" x 39 1/2"	1
11	SV-339	TUBE ASSEMBLY - 1/4" x 19 1/2"	1
12	CC-6172	JIFFY CLAMP	3
13	C-5751	CAPSCREW - 3/8" NC x 2 1/2"	1
14	SV-2456	BRACKET	1
15	C-5746	CAPSCREW - 1/4" NC x 3/4"	2
16	C-1521	NUT - 3/8" NC	1
17	DC-3600	FLEX CONNECTOR - #68	1
18	C-1231	COUPLING - 1/8"	3
19	H-2861	CLOSE NIPPLE - 1/8"	2
20	SC-8897	FLEX ELBOW - #69	2
21	SV-1184	HOSE ASSEMBLY	1
22	SV-1185	ELBOW - 1/8"	1
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 THRU BPF4-E.)			

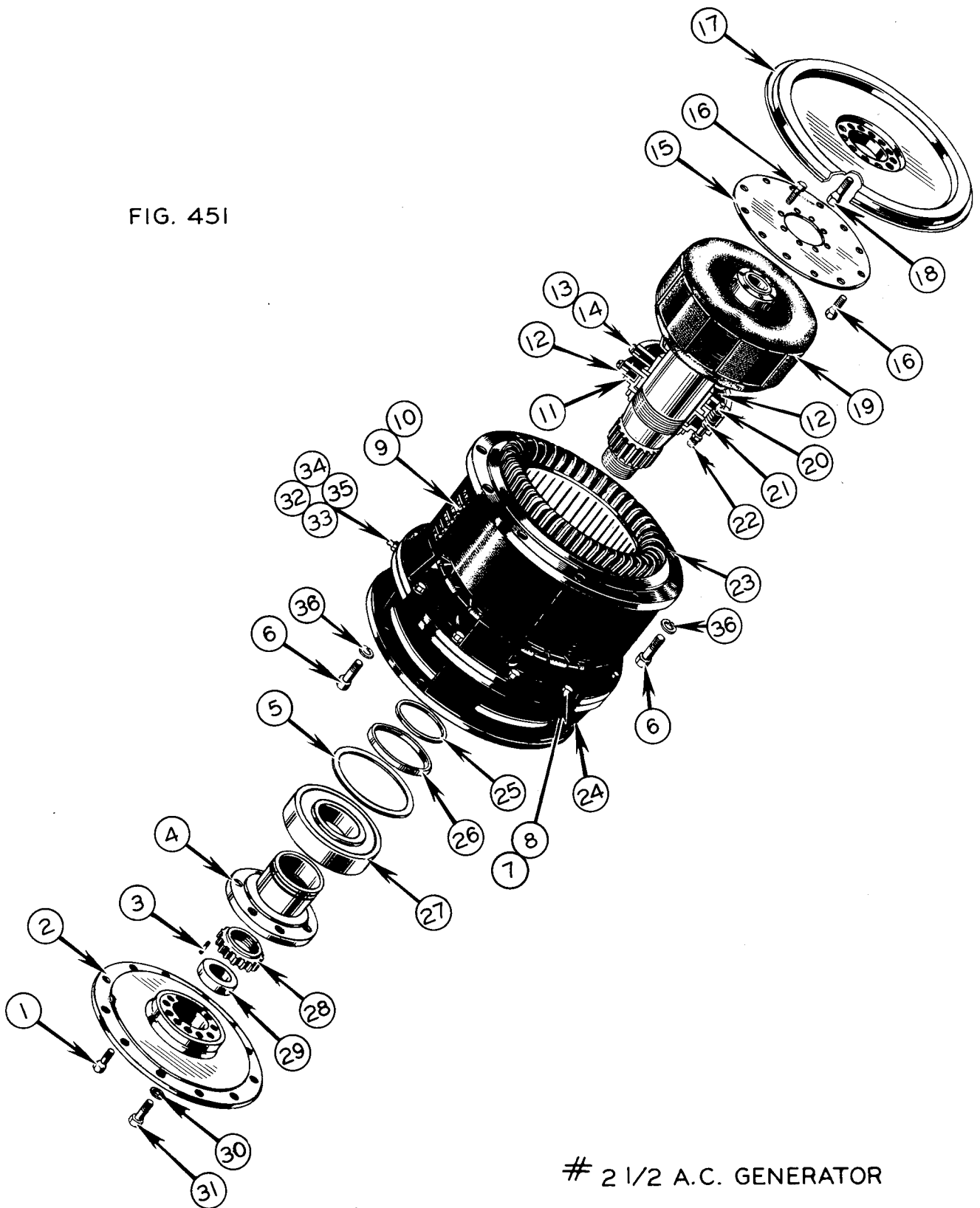
FIGURE 781B

CLUTCH & GENERATOR GREASE PIPING

1	TC-9941	JUNCTION BLOCK ASSEMBLY	1
	TC-8769	JUNCTION BLOCK	1
2	SV-338	TUBE ASSEMBLY - 1/4" x 39 1/2"	1
3	SV-337	TUBE ASSEMBLY - 1/4" x 46 1/2"	1
4	TD-3401	TUBE ASSEMBLY - 1/4" x 15"	1
5	SV-339	TUBE ASSEMBLY - 1/4" x 19 1/2"	1
6	C-1231	COUPLING	3
7	C-1521	NUT - 3/8" NC	1
8	C-312	LOCKWASHER - 3/8"	3
9	C-5746	CAPSCREW - 1/4" NC x 3/4"	2
10	C-5774	LOCKWASHER - 1/4"	4
11	SV-2456	BRACKET	1
12	SV-2614	CONNECTOR	1
13	C-1596	GREASE FITTING - 1/8" x 67 1/2°	1
14	DF-3042	WASHER - 3/8"	2
15	C-315	GREASE FITTING - 1/8"	3
16	SV-1172	BRACKET	1
17	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	2
18	C-7589	CAPSCREW - 1/4" NC x 1 1/2"	2
19	C-5780	NUT - 1/4" NC	2
20	C-5751	CAPSCREW - 3/8" NC x 2 1/2"	1
21	CC-6172	JIFFY CLAMP	3
22	DC-3600	FLEX CONNECTOR - #68	1
23	SV-7053	CONNECTOR	1
24	H-2861	CLOSE NIPPLE - 1/8"	2
25	SC-8897	FLEX ELBOW - #69	2
26	TF-4414	HOSE ASSEMBLY	1
27	SV-1185	ELBOW - 1/8"	1
(EFFECTIVE WITH SERIAL SUFFIX BPF4-F.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 45I



2 1/2 A.C. GENERATOR

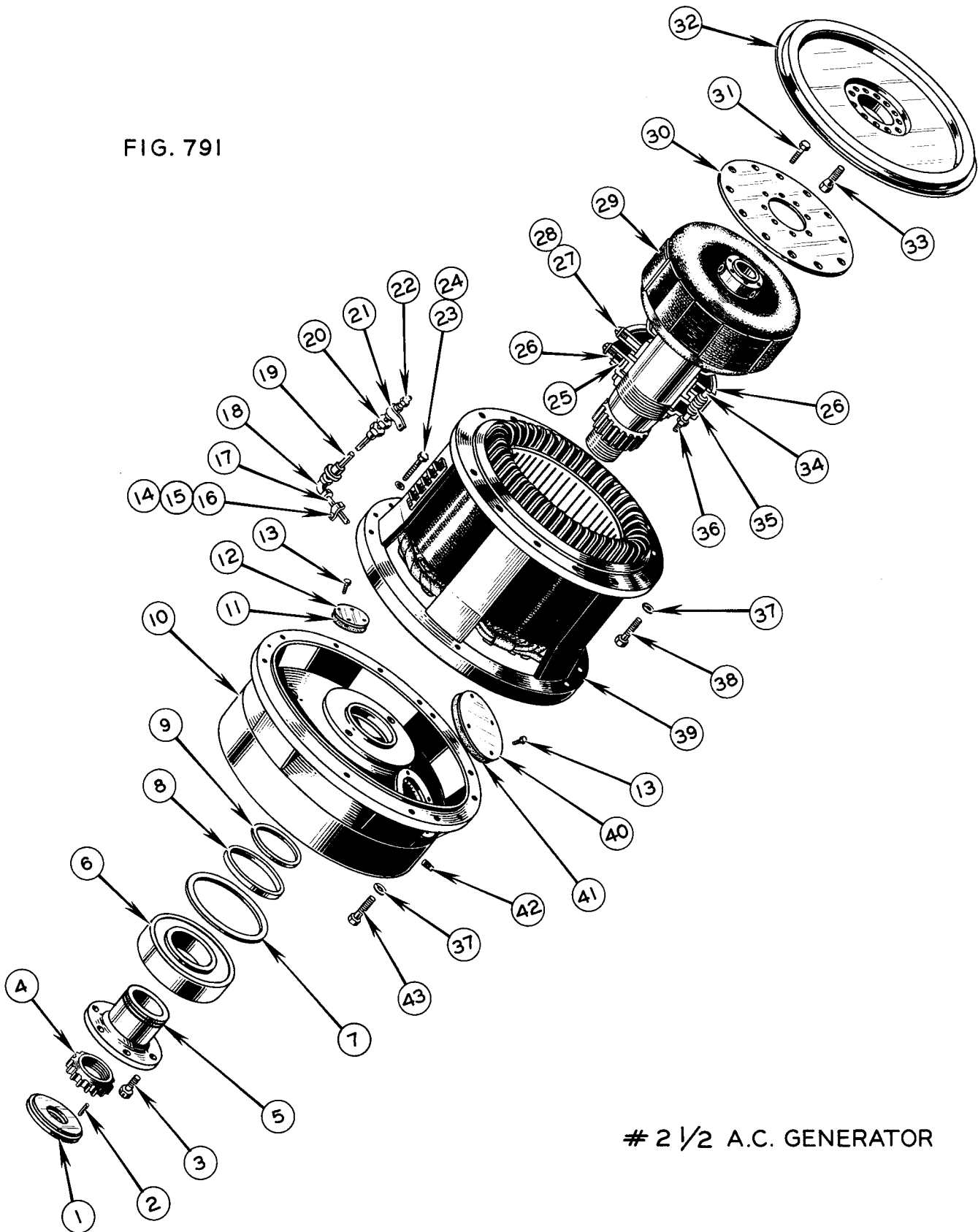
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 451 #2 1/2 A.C. GENERATOR SV-8885 TC-9939 TD-8783
DL-508 TD-6525

Ref. No.	Part No.	Description	Qty.
1	CD-3454	CAPSCREW	12
2	CD-5589	FLYWHEEL, SECONDARY	1
3	H-8711	SETSCREW - 1/4" NC x 1/4"	1
4	TD-7515	ADAPTOR	1
5	DF-301	SHIM - .007	AR
	DF-302	SHIM - .005	AR
6	C-1609	CAPSCREW - 7/16" NC x 1 1/2"	12
	H-594	CAPSCREW - 7/16" NC x 1 1/4"	12
7	C-312	LOCKWASHER - 3/8"	14
8	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	6
	C-5751	CAPSCREW - 3/8" NC x 2 1/2"	8
9	SV-5574	TERMINAL STRIP	1
10	SC-5252	SCREW, MACHINE - #8-32 x 3/4"	4
11	DD-7952	BRUSH *	2
12	DD-8968	BRUSH HOLDER *	2
13	DC-4570	SCREW, MACHINE - 1/4" NC x 3/8" *	2
14	C-1546	WASHER - 1/4" *	2
15	DD-572	COUPLING PLATE *	1
16	DD-2752	CAPSCREW *	20
17	DD-2617	FLYWHEEL, ENGINE (Gear comes with Engine) (Cummins)	1
	SV-2620	FLYWHEEL, ENGINE (Gear comes with Engine) (GM)	1
18	DD-2752	CAPSCREW (Cummins Engine)	6
	DD-9486	CAPSCREW (GM Engine)	6
19	DL-2083	ROTOR & SHAFT ASSEMBLY	1
20	HE-9583	INSULATOR *	4
21	DD-7991	SPRING *	2
22	DF-103	STUD *	2
23	DL-2330	STATOR ASSEMBLY	1
24	SV-8879	END BELL (Used with SV-8885, DL-508 & TC-9939 Assys.)	1
	DH-7052	END BELL (Used with TD-6525 Assy.)	1
	TF-354	END BELL (Used with TD-8783 Assy.)	1
25	DD-7535	RING	2
26	HE-1121	RING	1
27	TC-9977	BEARING	1
28	DD-7620	LOCKNUT	1
29	TF-3947	BEARING	1
30	C-1540	LOCKWASHER - 1/2"	8
31	C-1688	CAPSCREW - 1/2" NF x 3 3/4"	8
32	DD-9876	GREASE FITTING (Used with SV-8885 & DL-508 Assys.)	1
	H-2862	ELBOW (Used with TC-9939, TD-6525 & TD-8783 Assys.)	1
33	DD-3926	GREASE PIPE (Used with SV-8885 & DL-508 Assys.)	1
	SV-2744	GREASE PIPE (Used with TC-9939, TD-6525 & TD-8783 Assys.)	1
34	DC-5036	CLAMP	1
35	H-8136	CAPSCREW - 1/4" NC x 1/2"	2
	C-5774	LOCKWASHER - 1/4"	2
36	C-5775	LOCKWASHER - 7/16"	24
		NOT SHOWN	
	DH-6789	D.C. GROUND WIRE	1
	DH-6790	D.C. FIELD WIRE	1
	DD-1300	CABLE CLAMP	1
	TF-475	SHIM, END BELL & STATOR	AR
NOTES: * INCLUDED IN DL-2083 ROTOR & SHAFT ASSEMBLY.			
GENERATOR NOT SOLD AS ASSEMBLY			
ORDER COMPONENT PARTS.			
(USED WITH FULLER TRANSMISSION)			
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 & UP)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 791



2 1/2 A.C. GENERATOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 791

#2 1/2 A.C. GENERATOR TC-6461 TD-5665
TD-3525

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SV-1619	Disc	1	26	DD-8968	Brush Holder *	2
2	H-8711	Setscrew - 1/4" nc x 1/4"	1	27	DC-4570	Screw, Machine - 1/4" nc x 3/8" * ..	2
3	TC-1848	Place Bolt - 1/2" nc	12	28	C-1546	Washer - 1/4" *	2
4	DD-7620	Locknut	1	29	DL-2083	Rotor & Shaft Assembly	1
5	TD-9407	Adaptor	1	30	DD-572	Coupling Plate *	1
6	TC-9977	Bearing	1	31	DD-2752	Capscrew *	20
7	DF-301	Shim - .007	AR	32	DD-2617	Flywheel, Engine (Gear comes with engine)(Cummins)	1
	DF-302	Shim - .005	AR		SV-2620	Flywheel, Engine (Gear comes with engine)(GM)	1
8	HE-1121	Ring	1				
9	DD-7535	Ring	2				
10	SV-1611	End Bell **	1	33	DD-9486	Capscrew (GM Engine)	6
	TD-5657	End Bell }	1		DD-2752	Capscrew (Cummins Engine)	6
11	TD-5654	Gasket }	1	34	HE-9583	Insulator *	4
	SV-6672	Gasket }	1	35	DD-7991	Spring *	2
12	SV-6671	Cover }	1	36	DF-103	Stud *	2
	TD-5652	Cover }	1	37	C-5775	Lockwasher - 7/16"	34
13	H-8524	Capscrew - 3/8" nc x 5/8" } ..	8	38	C-1609	Capscrew - 7/16" nc x 1 1/2" ** ..	13
	C-1601	Capscrew - 3/8" nc x 3/4" **	8		H-594	Capscrew - 7/16" nc x 1 1/4" ..	12
14	DC-5036	Clamp	1	39	DL-2330	Stator Assembly	1
15	H-8136	Capscrew - 1/4" nc x 1/2"	3	40	SV-1616	Cover	1
16	C-5774	Lockwasher - 1/4"	3	41	SV-1617	Gasket	1
17	SV-2744	Pipe, Grease Inlet	1	42	R-2028	Pipe Plug - 3/4"	1
18	H-2862	Elbow - 1/8" x 90°	1	43	DC-8831	Capscrew - 7/16" nc x 2 1/2" ...	21
19	SV-2613	Grease Hose Assembly	1				
20	SV-2614	Connector	1			Not Shown	
21	SV-2616	Coupling	1				
22	C-1596	Grease Fitting	1		DH-6789	D.C. Ground Wire	1
23	C-1604	Capscrew - 3/8" nc x 1 1/2"	12		DH-6790	D.C. Field Wire	1
24	C-312	Lockwasher - 3/8"	12		DD-1300	Cable Clamp	1
25	DD-7952	Brush *	2		TF-475	Shim, End Bell & Stator	AR
Notes: * Included in DL-2083 Rotor & Shaft Assembly. ** Used with TC-6461 & TD-3525 Assemblies. ⊗ Used with TD-5665 Assembly. Generator Not Sold As An Assembly. Order Component Parts. (USED WITH ALLISON TRANSMISSION) (EFFECTIVE WITH SERIAL SUFFIX BPA4 & UP)							

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

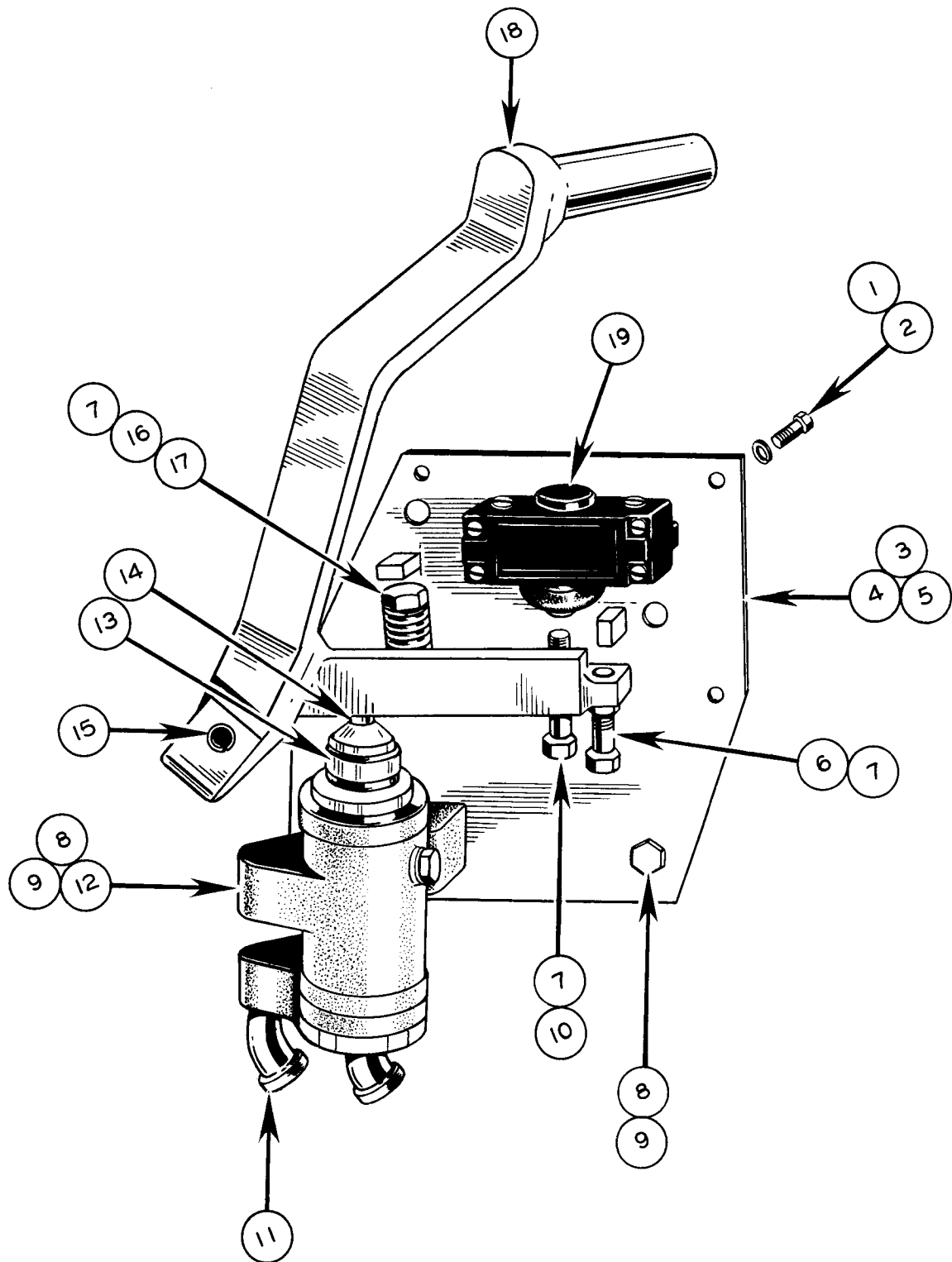


FIGURE 780

SCRAPER HOIST CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 780

SCRAPER HOIST CONTROL

Ref. No.	Part No.	Description	Qty.
1	S-9861	SCREW - #10-32 x 3/8"	3
2	H-2643	LOCKWASHER - #10	3
3	SP-6226	BASE (Effective Thru Serial Suffix BPF3-B)	1
	TC-1421	BASE (Effective With Serial Suffix BPF4 & BPA4)	1
4	SP-6231	MOUNT BAR, UPPER	1
5	SP-6232	MOUNT BAR, LOWER	1
6	SP-6244	CAPSCREW - 3/8" NF x 1 1/4"	1
7	R-6864	NUT, JAM - 3/8"	4
8	R-3869	CAPSCREW - 5/16" NC x 5/8"	6
9	C-1538	LOCKWASHER - 5/16"	6
10	DD-5620	CAPSCREW - 3/8" NF x 1 3/4"	1
11	S-7182	STREET ELL - 1/4" x 45°	2
12	DD-1155	VALVE (See Index)	1
13	HC-1421	PLUG (Effective Thru Serial Suffix BPF3-B)	1
	TC-1417	PLUG	1
14	TC-1418	PIN } Effective With Serial	1
15	TC-1412	PIVOT PIN } Suffix BPF4 & BPA4	1
	SL-6172	ROLL PIN - 3/16" x 1"	1
	TC-1424	BEARING, OILITE	1
	SG-8999	ROLL PIN (Effective Thru Serial Suffix BPF3-B)	1
16	SP-6459	CAPSCREW	1
17	SP-6458	SPRING (Effective Thru Serial Suffix BPF3-B)	1
	SP-1876	SPRING	1
18	TC-1422	HANDLE (Effective With Serial Suffix BPF4 & BPA4)	1
	SP-6230	HANDLE (Effective Thru Serial Suffix BPF3-B)	1
19	DF-5856	SWITCH	1
NOT SHOWN			
	SP-6221	COVER	1
	SV-4790	CAT CLIP	1
	H-3167	JIFFY CLAMP - 3/8"	1
	CC-7201	MACHINE SCREW - 1/4" NC x 3/4"	1
	C-5774	LOCKWASHER - 1/4"	1
	C-5780	NUT - 1/4" NC	1
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-M & BPA4-J.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

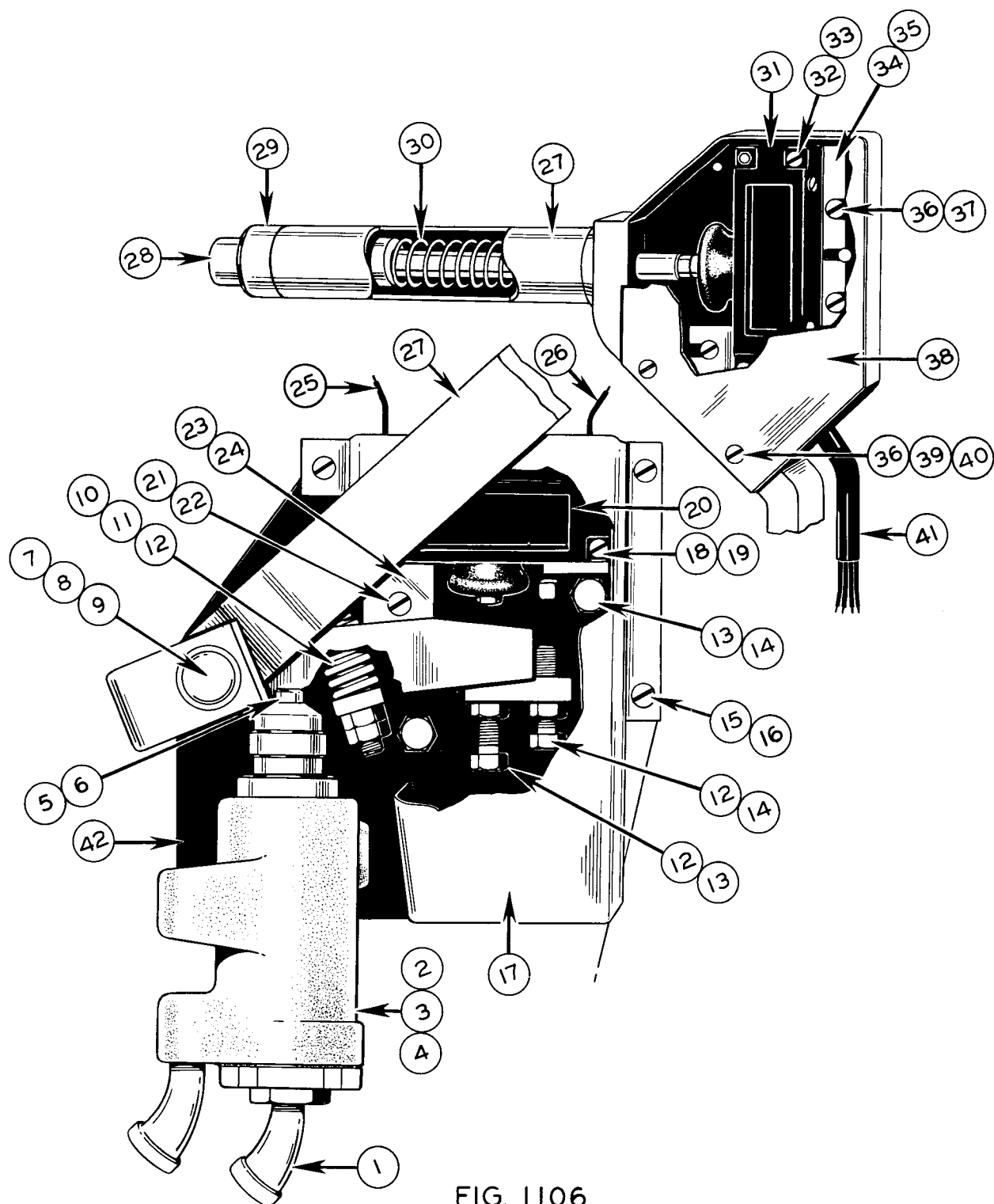


FIG. 1106

SCRAPER HOIST CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1106

SCRAPER HOIST CONTROL

Ref. No.	Part No.	Description	Qty.
1	S-7182	STREET ELL - 1/4" x 45°	2
2	DD-1155	VALVE (See Index)	1
3	C-5747	CAPSCREW - 5/16" NC x 3/4"	8
4	C-1538	LOCKWASHER - 5/16"	8
5	TC-1417	PLUG	1
6	TC-1418	PIN	1
7	TC-1412	PIVOT PIN	1
8	TC-1424	BUSHING, OILITE	2
9	SL-6172	ROLL PIN	1
10	TG-29	SPRING	1
11	C-7574	CAPSCREW - 3/8" NF x 2 1/4"	1
12	R-6864	NUT, JAM - 3/8" NF	4
13	DD-5620	CAPSCREW - 3/8" NF x 1 3/4" *	1
14	SP-6244	CAPSCREW - 3/8" NF x 1 1/4" *	1
15	S-9861	SCREW - #10-32 x 3/8" *	3
16	H-2643	LOCKWASHER - #10 *	3
17	TD-5316	COVER *	1
18	SV-8991	SCREW - #6-32 x 1 1/4" *	2
19	DH-321	NUT, SPACER - #6-32 *	2
20	DF-5856	SWITCH *	1
21	DC-2726	SCREW - #8-32 x 3/8" *	3
22	SC-4163	LOCKWASHER - 5/32" I.D. *	3
23	TC-9950	INSULATOR SHEET - 1/8" GLASTIC *	1
24	TC-9999	INSULATOR SHEET - 1/16" GLASTIC *	1
25	TG-1944	WIRE - TO LEAD ON SOLENOID *	1
26	TF-6793	WIRE - TO TERMINAL STRIP ON INSTRUMENT PANEL *	1
27	TF-9422	HANDLE	1
28	TG-33	SHAFT	1
29	TG-32	STOP	1
30	DD-7991	SPRING	1
31	DF-5856	SWITCH	1
32	SV-8991	SCREW - #6-32 x 1 1/4"	2
33	DH-321	NUT, SPACER - #6-32	2
34	TF-9416	INSULATOR SHEET	1
35	TF-9417	INSULATOR SHEET	1
36	SC-4163	LOCKWASHER - 5/32" I.D.	7
37	H-5466	SCREW - #8-32 x 1/2"	3
38	TF-9426	COVER	1
39	DC-2726	SCREW - #8-32 x 3/8"	2
40	TG-1671	SCREW - #8-32 x 1 3/4"	2
41	TF-6791	CABLE	1
42	TF-9418	BASE	1

* OPTIONAL - USED WITH APRON QUICK DROP ONLY.

(EFFECTIVE WITH SERIAL SUFFIX BPF4-N & BPA4-K.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

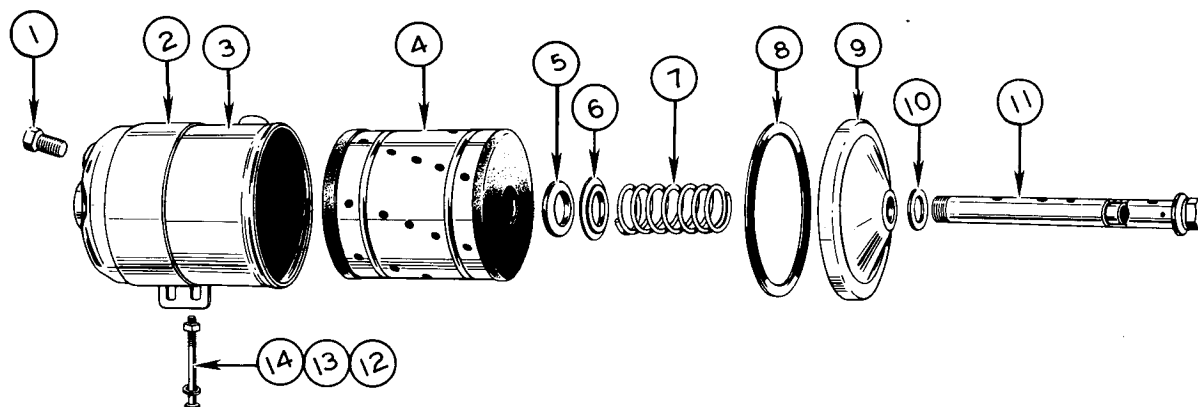


FIG. 894 A

TRANSMISSION OIL FILTER

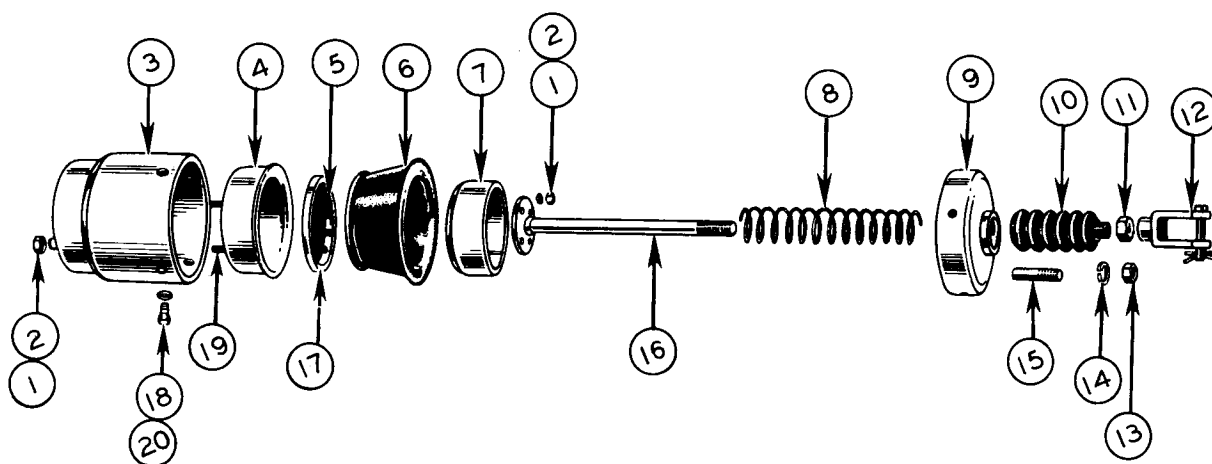


FIG. 894 B

TYPE 9 ROTOCHAMBER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 894A

TRANSMISSION OIL FILTER ASSEMBLY TF-28

Ref. No.	Part No.	Description	Qty.
1	TF-1975	DRAIN PLUG	1
2	TF-1972	STRAP	1
3	TF-1971	BODY ASSEMBLY	1
4	TD-7196	CARTRIDGE	1
5	SR-1594	GASKET	1
6	SR-1598	WASHER	1
7	TF-1969	SPRING	1
8	TF-1970	GASKET	1
9	TF-1968	COVER	1
10	TF-1967	GASKET	1
11	TF-1966	BOLT & VALVE ASSEMBLY	1
13	TF-1974	LOCKWASHER	1
14	TF-3109	NUT	1
(INCLUDED IN TD-6295 TRANSMISSION ASSEMBLY)			

FIGURE 894B

TYPE 9 ROTOCHAMBER ASSEMBLY TD-5140

1	C-5781	NUT - 1/4" NF	7
2	TF-236	LOCKWASHER - 1/4"	7
3	TC-4100	BODY	1
4	TC-4105	DIAPHRAGM CLAMP, OUTER	1
5	SV-1327	BOLT	3
6	TC-1949	DIAPHRAGM	1
7	TC-4102	DIAPHRAGM	1
8	TC-4107	SPRING	1
9	TC-4108	COVER	1
10	TC-1948	BOOT	1
11	SV-4361	NUT	1
12	SV-7496	YOKE ASSEMBLY	1
	SV-7497	YOKE PIN	1
	C-2303	COTTER PIN - 1/8" x 1"	1
13	SV-4360	NUT	2
14	TC-1929	LOCKWASHER	2
15	TC-1945	STUD	2
16	TF-235	PUSH ROD	1
17	TC-4101	DIAPHRAGM CLAMP, INNER	1
18	SV-1333	CAPSCREW	4
19	TC-4106	BOLT	4
20	H-6028	LOCKWASHER	4
(USED WITH CLUTCH LINKAGE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

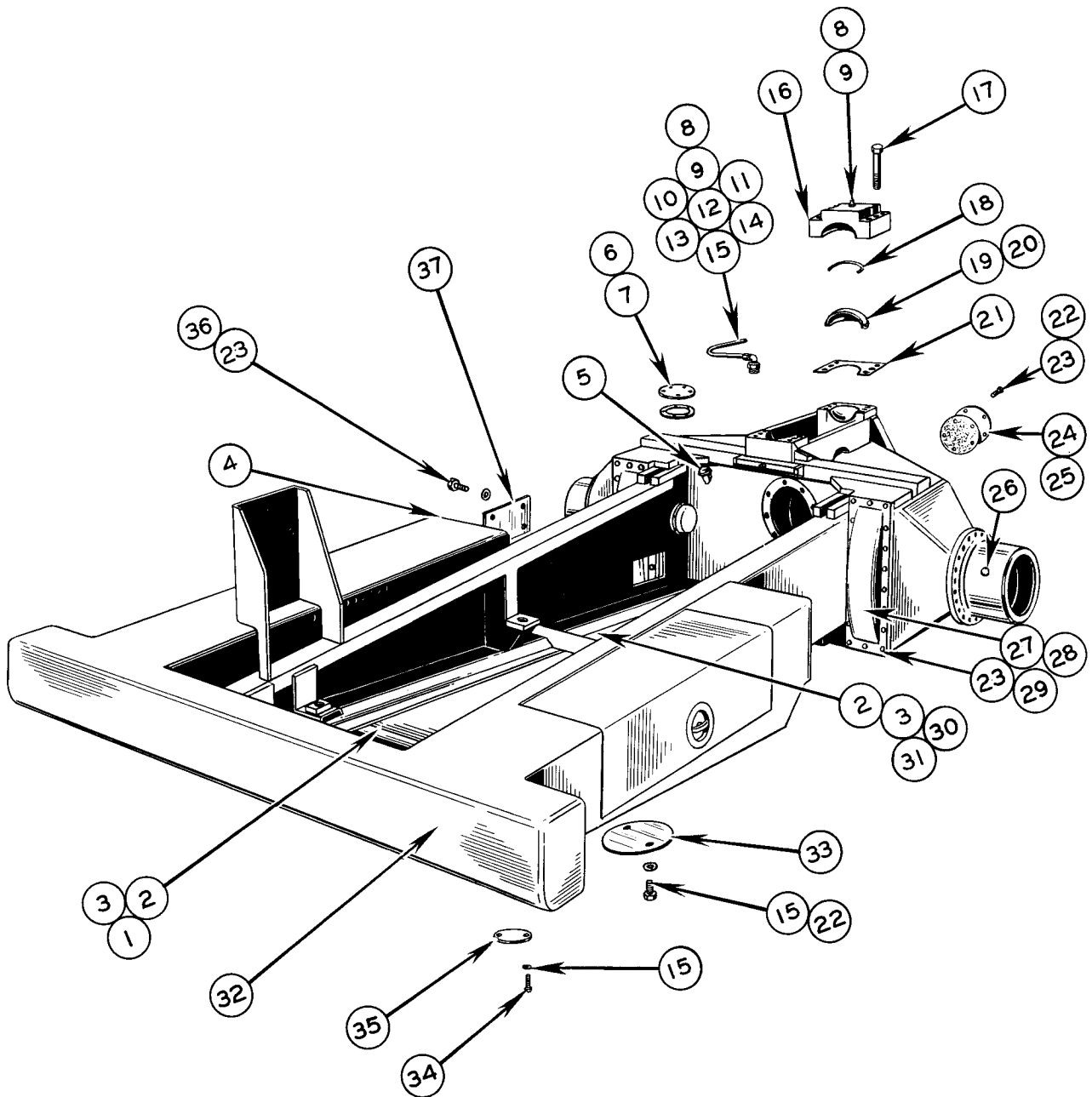


FIG. 1004

MAIN CASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1004

MAIN CASE

Ref. No.	Part No.	Description	Qty.
1	TF-2660	PLATE (Eff. with Serial Suffix BPF4-K & BPA4-D)	1
	SP-2819	PLATE (Eff. thru Serial Suffix BPF4-J & BPA4-C)	1
2	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	19
3	C-1541	LOCKWASHER - 5/8"	19
4	TD-8483	COVER, TOOL BOX	1
5	D-5832	BREATHING CAP	1
6	SR-2596	COVER	2
7	SR-2597	GASKET	2
8	C-1596	GREASE FITTING - 1/8" NPT x 67 1/2°	2
9	SD-5207	BUSHING - 3/4" x 1/8"	2
10	SC-8897	FLEX ELBOW - #68	1
11	DC-3600	FLEX CONNECTOR - #68	1
12	SV-4211	TUBE ASSEMBLY	1
13	SV-2616	COUPLING	1
14	C-5780	NUT - 1/4" NC	1
15	C-5774	LOCKWASHER - 1/4"	5
16	SL-9080	CAP, STEERING TRUNNION	2
17	SP-4440	CAPSCREW - 1 1/4" NF x 4 1/2"	12
18	CD-6826	SEAL, RUBBER	2
19	DF-2599	LINER, UPPER	2
20	CD-6823	LINER, LOWER	2
21	CD-6825	SHIM - .010	AR
	SP-3481	SHIM - .007	AR
22	C-1602	CAPSCREW - 3/8" NC x 1"	22
23	C-312	LOCKWASHER - 3/8"	58
24	SL-5513	COVER	2
25	SP-1971	GASKET	2
26	DD-5973	LOCKBOLT - 5/8" NF x 1 1/4"	2
27	SL-5515	COVER	2
28	SL-6308	GASKET	2
29	C-5800	CAPSCREW - 3/8" NC x 1"	32
30	TD-9021	PLATE, BOTTOM (Rear) (Eff. with Serial Suffix BPF3 & BPF4)	1
	TD-9008	PLATE, BOTTOM (Rear) (Eff. with Serial Suffix BPA4-D)	1
	TC-4091	PLATE, BOTTOM (Eff. with Serial Suffix BPA4 thru BPA4-C)	1
31	TD-4798	PLATE, SWIVEL	1
	TD-3818	CAPSCREW - 1" NC x 5 1/2"	1
	TD-3817	NUT - 1" NC	1
	C-1544	LOCKWASHER - 1"	1
	D-1782	COTTER PIN - 3/16" x 2"	1
32		CASE (Order by Serial Number)	1
33	SV-3528	COVER (Eff. with Serial Suffix BPA4)	1
34	C-5746	CAPSCREW - 1/4" NC x 3/4"	2
35	SL-5804	PLATE, OIL DRAIN (Eff. thru Serial Suffix BPF4-J & BPA4-C)	1
36	DC-7524	CAPSCREW - 3/8" NC x 7/8"	4
37	TC-4397	PLATE	1
		NOT SHOWN	
	SL-7169	REAR CASE COVER, LOWER	1
	SP-1970	GASKET	1
	R-2028	PIPE PLUG - 3/4"	1
	SF-3804	LUBE COMB, DIFFERENTIAL	1
	DF-7002	CAPSCREW - 3/8" NC x 1/2"	2
	R-162	DRAIN PLUG, MAGNETIC - 1 1/4"	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

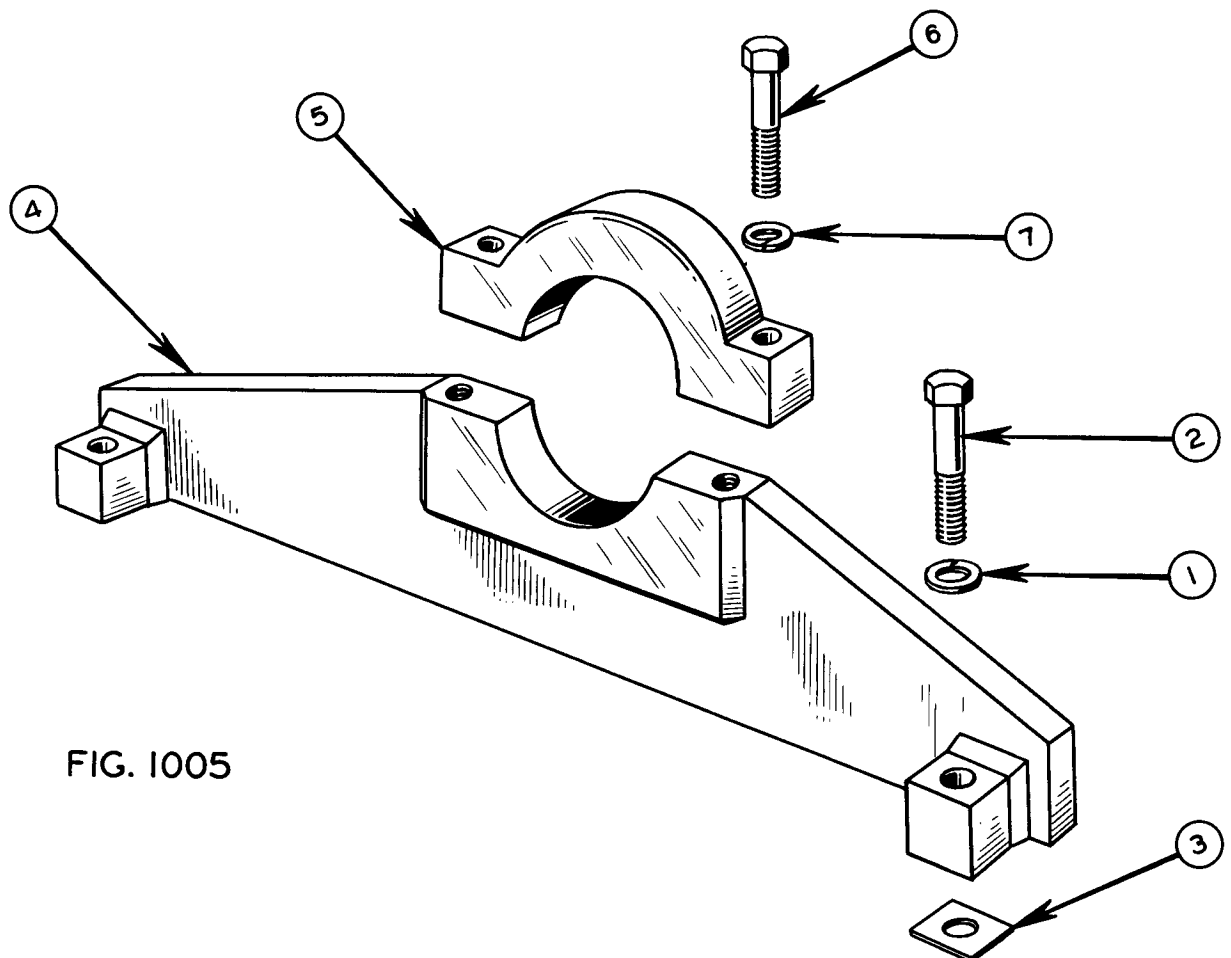
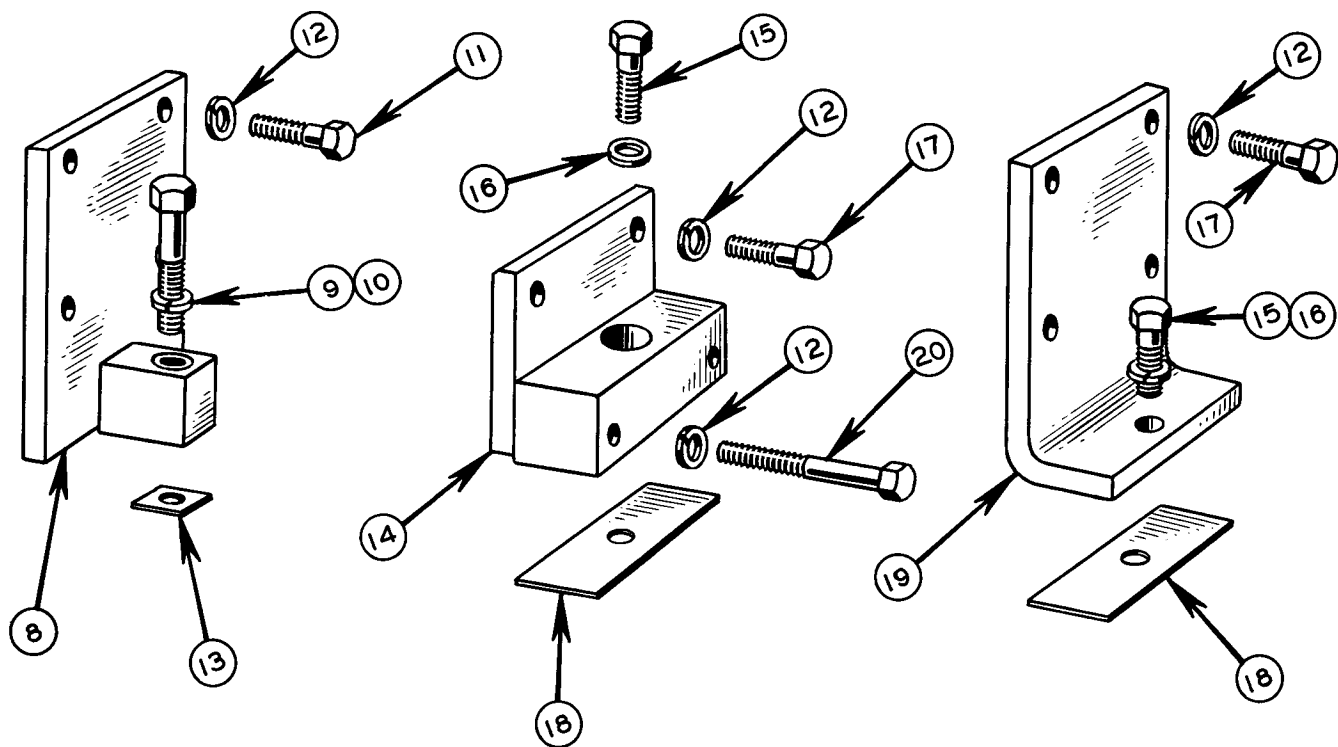


FIG. 1005

ENGINE MOUNTING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1005

ENGINE MOUNTING

Ref. No.	Part No.	Description	Qty.
FRONT MOUNTING			
1	C-1542	LOCKWASHER - 3/4"	2
2	C-1646	CAPSCREW - 3/4" NC x 2 1/2" (Cummins Engine)	2
	TD-8511	CAPSCREW - 3/4" NC x 3 1/2" (GM Engine)	2
3	TD-7875	SHIM - .007	AR
	TD-7876	SHIM - .010	AR
CUMMINS ENGINES			
	SL-5332	MOUNT ASSEMBLY (Eff. thru Serial Suffix BPF3-B)	1
4		TRUNNION BAR } (Not Serviced Separately)	1
5		CAP }	1
6	SR-1102	CAPSCREW (Special)	2
7	C-1541	LOCKWASHER - 5/8"	2
	TC-7117	MOUNT ASSEMBLY (Eff. with Serial Suffix BPF4 & BPA4)	1
4		TRUNNION BAR } (Not Serviced Separately)	1
5		CAP }	1
6	C-1648	CAPSCREW - 3/4" NC x 3"	2
7	C-1542	LOCKWASHER - 3/4"	2
GM ENGINES			
	TF-622	MOUNT ASSEMBLY	1
4		TRUNNION BAR } (Not Serviced Separately)	1
5		CAP }	1
6	TF-621	CAPSCREW (Special)	2
7	C-1541	LOCKWASHER - 5/8"	2
REAR MOUNTING			
CUMMINS ENGINES			
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-G & BPA4-C)			
8	TC-3302	MOUNT PLATE (Eff. thru Serial Suffix BPF4-G & BPA4-C)	2
9	C-1706	CAPSCREW - 5/8" NF x 4 3/4" (Left) } (Eff. thru Serial Suffix BPF3-B)	1
	DH-530	CAPSCREW - 5/8" NF x 5 1/2" (Right) }	1
	C-1649	CAPSCREW - 3/4" NC x 3" (Eff. with Ser. Suf. BPF4 thru BPF4-G & BPA4-C)	2
10	C-1542	LOCKWASHER - 3/4"	2
11	C-1630	CAPSCREW - 5/8" NC x 2"	8
12	C-1541	LOCKWASHER - 5/8"	8
13	SL-5599	SHIM - .035	AR
	SL-5900	SHIM - .007	AR
	SV-9319	SHIM - .046	AR
CUMMINS ENGINES			
(EFFECTIVE WITH SERIAL SUFFIX BPF4-K & BPA4-D)			
14	TD-7868	MOUNT PLATE	1
15	TD-7882	CAPSCREW - 3/4" NC x 1 3/4"	2
16	C-1542	LOCKWASHER - 3/4"	2
17	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	8
18	TD-7880	SHIM - .007	AR
	TD-7881	SHIM - .010	AR
NOTE: SEE TRANSMISSION ADAPTOR & MOUNTING FOR REAR ENGINE MOUNTING FOR SERIAL SUFFIX BPF4-H THRU BPF4-J.			
GM ENGINES			
19	TD-7869	MOUNT PLATE	1
20	C-1640	CAPSCREW - 5/8" NC x 4 1/4"	4
21	TD-7877	SHIM - .007	AR
	TD-7878	SHIM - .010	AR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

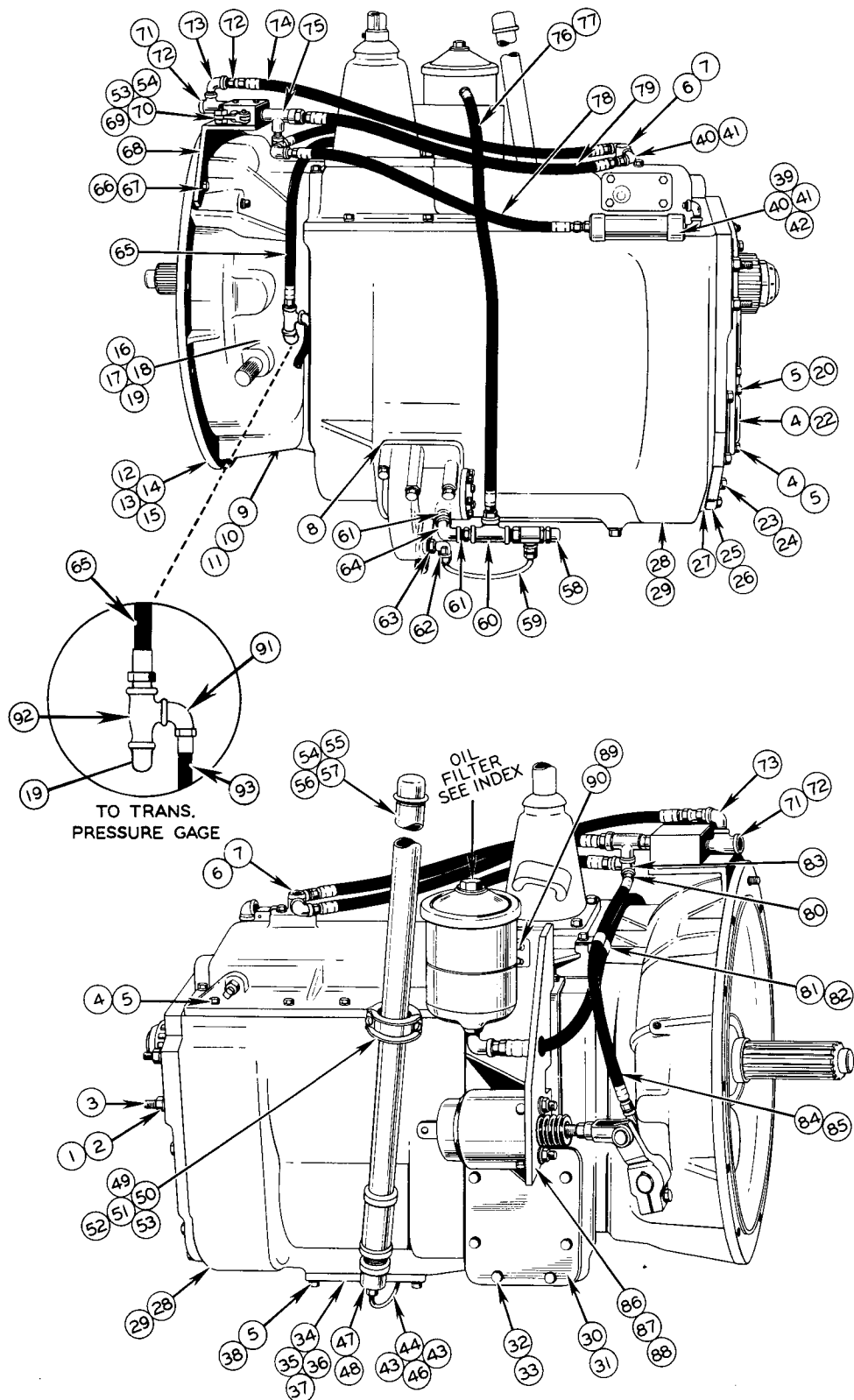


FIG. 1076

TRANSMISSION PIPING & MISCELLANEOUS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1076

TRANSMISSION MISC. & PIPING

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1526	Nut - 5/8" nf	4	51	DF-1578	Screw - 1/4" nc x 1"	2
2	SD-5126	Lockwasher - 5/8"	4	52	C-5774	Lockwasher - 1/4"	4
3	TD-8788	Stud	4	53	C-5780	Nut - 1/4" nc	4
4	TF-1964	Capscrew - 3/8" nc x 1 1/4"	18	54	TC-2832	Oil Fill Pipe	1
5	C-312	Lockwasher - 3/8"	26	55	TC-2831	Oil Gage	1
6	TF-105	Trigger Valve, Clutch Brake	1	56	H-3458	Nipple - 1 1/4"	1
7	TF-107	Gasket	1	57	SV-9138	Tee - 1 1/4"	1
8	TF-1	Filler Block	1	58	TD-8753	Valve, Pressure Relief	1
9	TF-12	Cover, Clutch Hand Hole	1	59	TF-463	Tube Assembly - 3/8"	1
10	TF-11	Gasket	1	60	TF-624	Tee - 1/2" x 3/8" x 3/8"	1
11	H-2970	Capscrew - 5/16" nc x 1/2"	4	61	HC-1581	Close Nipple - 3/8"	2
12	TF-10	Clutch Housing & Bushing Assy.	1	62	H-8549	Imp. Elbow	1
	SH-348	Bushing, Clutch Shaft	2	63	R-86	Bushing - 3/8" x 1/4"	1
13	SG-427	Stud, Clutch Housing	6	64	H-3374	Elbow - 3/8"	1
14	C-1528	Nut - 3/4" nf	6	65	TF-4232	Hose Assembly - 3/8" x 30"	1
15	C-1542	Lockwasher - 3/4"	6	66	C-5758	Capscrew - 7/16" nc x 3"	2
16	TF-53	Felt Washer	1	67	C-5775	Lockwasher - 7/16"	2
17	TF-6	Lube Pipe	1	68	TF-465	Bracket	1
18	TF-117	Pipe Coupling	1	69	SV-8810	Air Valve, Pilot (See Index)	1
19	R-3188	Elbow - 1/4" x 90°	1	70	SR-6300	Capscrew - 1/4" nc x 2 1/4"	2
20	TF-1962	Capscrew - 3/8" nc x 1"	2	71	SF-4602	Street Tee - 1/4"	1
21	TF-109	Cover, Countershaft	1	72	TD-9719	Adaptor, Male - 1/4"	4
22	TF-110	Gasket	1	73	S-2916	Street Ell - 1/4"	2
23	TF-17	Capscrew - 7/16" nc x 1 5/8"	8	74	TF-4428	Hose Assy. - 1/4" x 24"	1
24	C-5775	Lockwasher - 7/16"	8	75	DD-9468	Valve, Check	1
25	TF-13	Support Plate	1	76	TF-4435	Hose Assy. - 3/8" x 33"	1
26	SD-8947	Dowel Pin	2	77	TD-9743	Adaptor, Male - 1/4"	1
27	TF-114	Gasket	1	78	TF-4422	Hose Assy. - 1/4" x 18"	1
28	TF-15	Case	1	79	TF-4424	Hose Assy. - 1/4" x 20"	2
29	H-2872	Dowel Pin	2	80	R-2510	Close Nipple - 1/4"	2
30	TF-85	Cover	1	81	SP-7815	Cat Clip	2
31	TF-86	Gasket	1	82	SV-4790	Cat Clip	1
32	H-594	Capscrew - 7/16" nc x 1 1/4"	8	83	R-2508	Tee - 1/4"	1
33	C-5775	Lockwasher - 7/16"	8	84	TF-4435	Hose Assy. - 3/8" x 33"	1
34	TC-7841	Cover, Oil Sump	1	85	TD-9743	Adaptor, Male	1
35	TC-7842	Plate, Magnetic	1	86	TD-9450	Bracket	1
36	TF-16	Capscrew - 1/4" - 20 x 3/8"	1	87	C-1605	Capscrew - 3/8" nc x 1 3/4"	2
37	SD-8946	Gasket	1	88	TD-9685	Capscrew, Nylok - 7/16" nc x 1 1/2"	2
38	C-1602	Capscrew - 3/8" nc x 1"	6	89	R-3868	Capscrew - 5/16" nc x 2"	4
39	TF-18	Surge Chamber	1	90	C-1538	Lockwasher - 5/16"	4
40	DC-5608	Nipple - 1/8"	2	91	TD-9747	Adapter, Male - 1/4" x 90° *	1
41	H-2862	Elbow - 1/8"	2	92	SF-4602	Street Tee - 1/4" *	1
42	TF-104	Clamp	2	93	TF-4163	Hose Assy. - 1/4" x 96" *	1
43	TF-467	Tube Assembly	1		TD-9724	Adaptor, Female - 1/4" npt	1
44	DC-3600	Bushing - 1/8" npt x 1/4" o.d. Tube	1				
45	DC-3603	Bushing - 1/4" x 1/8"	1				
46	SC-8897	Flex Elbow - #69	1		SD-8918	Oil Retaining Thimble	1
47	TC-1004	Pipe Cap - 1 1/4"	1		SG-6814	Capscrew - 3/8" nc x 1 3/4"	1
48	SD-5205	Close Nipple - 1 1/4"	1		TF-158	Gasket Kit	1
49	TC-2837	Clamp	1		TF-9855	Guard, Trigger Valve	1
50	SP-6234	Clamp	1		TF-9854	Stud, Trigger Valve Guard Support	1
				Not Shown			
					SD-8918	Oil Retaining Thimble	1
					SG-6814	Capscrew - 3/8" nc x 1 3/4"	1
					TF-158	Gasket Kit	1
					TF-9855	Guard, Trigger Valve	1
					TF-9854	Stud, Trigger Valve Guard Support	1
Note: TD-6295 Transmission Assembly includes Ref. Nos. 1 thru 42 and Not Shown items on this page, also Shift Bar Housing, Mainshaft, Idler & Reverse Shaft, Countershaft, Lube Pump, Clutch Brake, Clutch Release and Lube Filter shown on the following pages.							
* Effective with Serial Suffix BPF4-N.							
(FULLER L-1520)							

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

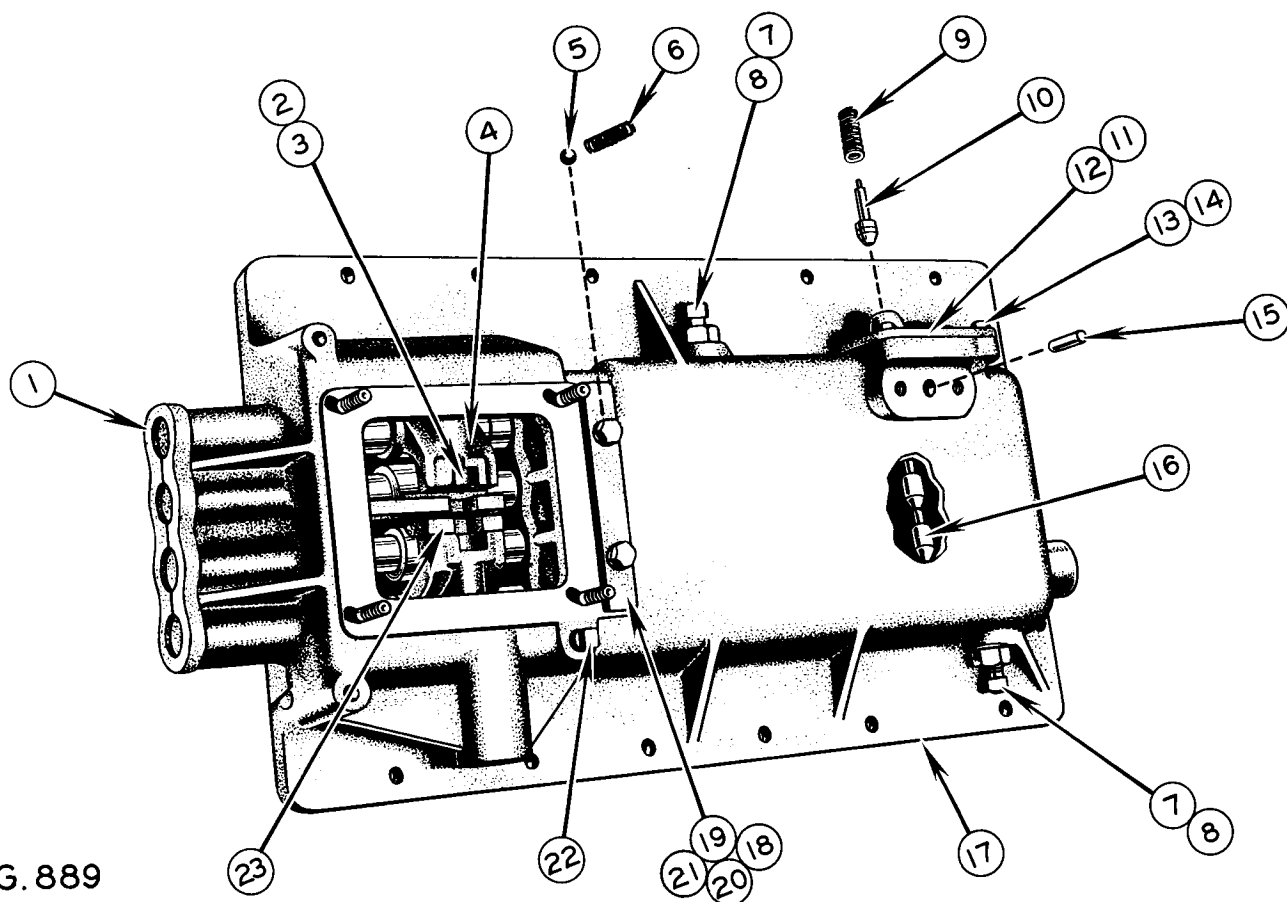
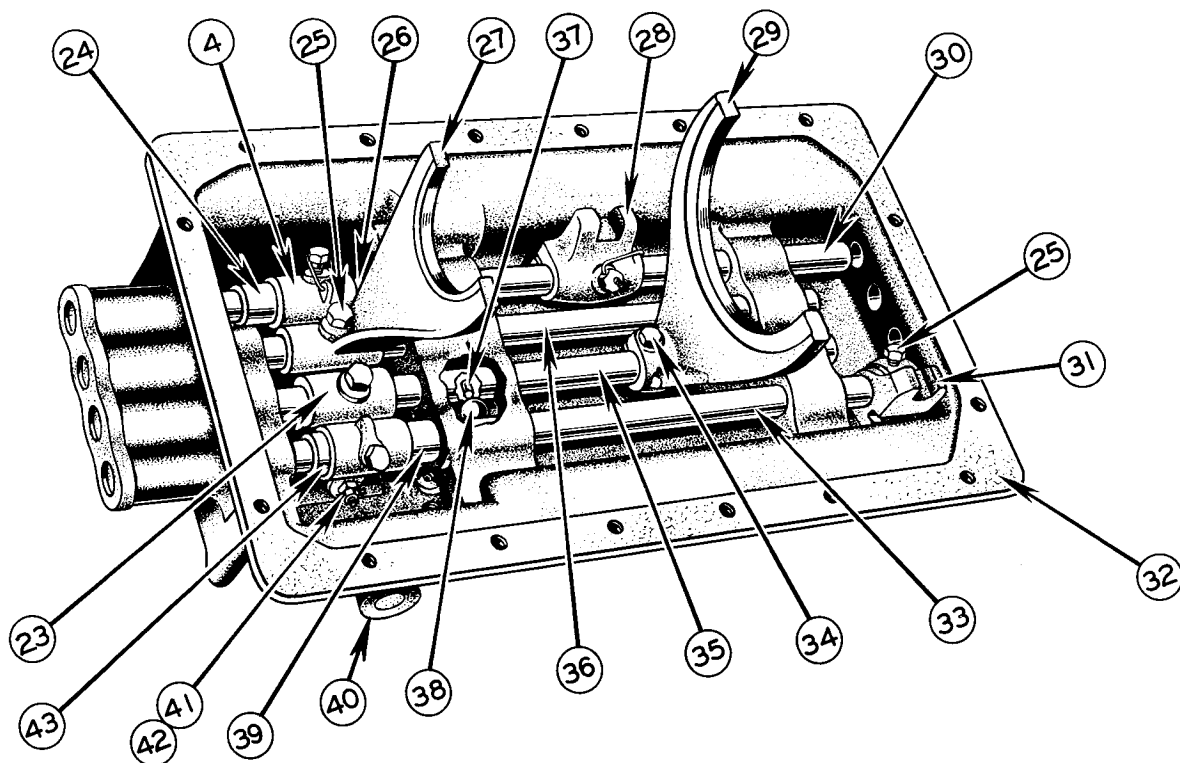


FIG. 889



SHIFT BAR HOUSING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 889

SHIFT BAR HOUSING

Ref. No.	Part No.	Description	Qty.
1	SH-519	EXPANSION PLUG	8
2	SD-8907	PLUNGER, REVERSE STOP	2
3	SF-3029	SPRING, REVERSE STOP PLUNGER	2
4	SD-8939	SHIFT BLOCK, CENTRAL	2
5	H-2980	STEEL BALL - 1/2"	4
6	SD-8919	SPRING, POSITION FINDER	4
7	H-2855	SETSCREW, DOG POINT - 1/2" NC x 2"	2
8	C-1523	NUT - 1/2" NC	2
9	SG-8909	SPRING, ACUATING PLUNGER	1
10	TF-63	PLUNGER, ACUATING	1
11	TF-139	COVER, PLUNGER GUIDE	1
12	TF-64	GASKET	1
13	C-5746	CAPSCREW - 1/4" NC x 3/4"	4
14	C-5774	LOCKWASHER - 1/4"	4
15	TF-106	ACUATING PLUNGER, TRIGGER VALVE	1
16	TF-62	ACUATING PLUNGER, INTERMEDIATE	3
17	TF-89	HOUSING	1
18	SR-3561	COVER	1
19	SR-3567	GASKET	1
20	TF-1964	CAPSCREW - 3/8" NC x 1 1/4"	2
21	C-312	LOCKWASHER - 3/8"	2
22	C-5769	PIPE PLUG - 1/4"	1
23	SD-8937	SHIFT BLOCK, 1st & 2nd SPEED	1
24	SD-8396	SPACER, REVERSE YOKE BAR (Front)	1
25	H-2910	LOCK SCREW	6
26	TF-133	SPACER, REVERSE YOKE BAR (Rear)	1
27	TF-79	SHIFT YOKE, 3rd & 4th SPEED	1
28	TF-80	SHIFT BLOCK, REVERSE	1
29	TF-129	SHIFT YOKE, 1st & 2nd SPEED	1
30	TF-128	YOKE BAR, REVERSE	1
31	TF-65	SHIFT BLOCK, OVERDRIVE	1
32	TF-70	GASKET	1
33	TF-77	YOKE BAR, OVERDRIVE	1
34	SG-8041	CAPSCREW - 3/8" NF x 1 1/2" SPECIAL	2
35	TF-127	YOKE BAR, 1st & 2nd SPEED	1
36	TF-78	YOKE BAR, 3rd & 4th SPEED	1
37	SD-8904	INTERLOCK CROSS PIN	2
38	SF-2578	STEEL BALL - 5/8"	3
39	TF-59	SPACER, OVERDRIVE YOKE BAR (Rear)	1
40	SF-495	PLUG	1
41	SF-5767	CASTLE NUT - 5/16" NF	2
42	SD-1696	COTTER PIN - 1/16" x 3/4"	2
43	TF-58	SPACER, OVERDRIVE YOKE BAR	1
(FULLER L-1520)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

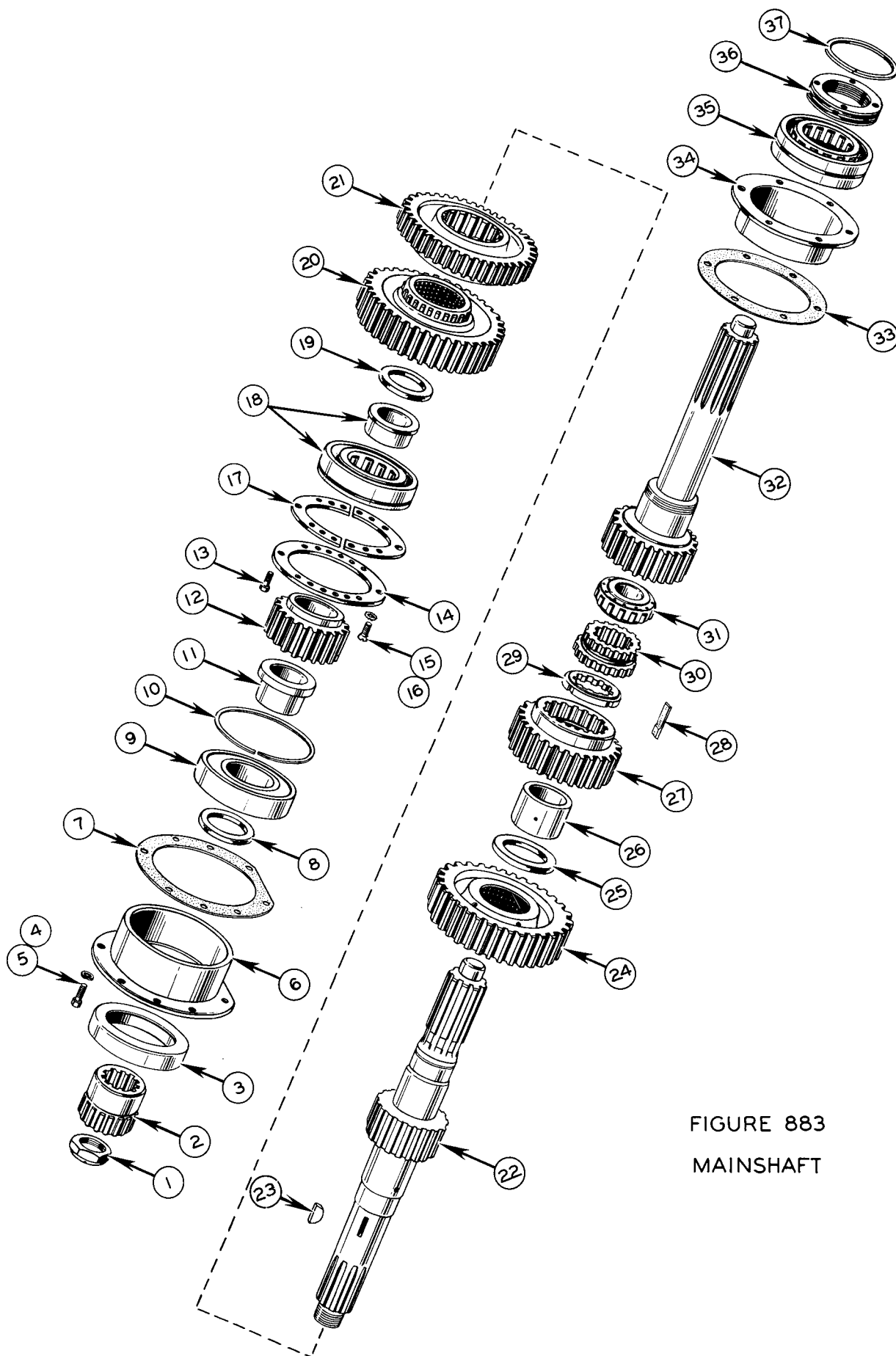


FIGURE 883
MAINSHAFT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 883

MAINSHAFT

Ref. No.	Part No.	Description	Qty.
		(FULLER L-1520)	
1	TF-111	NUT	1
2	TD-7317	ADAPTER	1
3	SP-1870	OIL SEAL	1
4	TF-1962	CAPSCREW - 3/8" NC x 1"	1
	TF-1964	CAPSCREW - 3/8" NC x 1 1/4"	5
5	C-312	LOCKWASHER - 3/8"	6
6	TF-108	ADAPTER & COVER	1
7	TF-113	GASKET	1
8	TF-112	REAR WASHER	1
9	TC-5249	BALL BEARING	1
10	SG-2918	SNAP RING	1
11	TF-132	BEARING SLEEVE	1
12	TF-130	GEAR, OVERDRIVE	1
13	SH-9187	CAPSCREW - 5/16" NC x 15/32" SPECIAL	5
	H-2974	CAPSCREW - 3/8" NC x 1 1/2" SPECIAL	9
14	TF-76	RETAINER	1
15	TF-150	CAPSCREW - 5/16" NC x 7/16"	1
16	SP-5991	LOCKWASHER, SHAKEPROOF - 5/16"	1
17	TF-72	BEARING PULLER	1
18	TF-157	ROLLER BEARING, INTERMEDIATE	1
19	TF-71	SPACER, 1st SPEED GEAR	1
20	TF-33	GEAR ASSY., 1st SPEED	1
	TF-34	BUSHING	1
21	TF-136	CLUTCH GEAR, 1st & 2nd SPEED	1
22	TF-131	MAINSHAFT	1
23	H-2967	KEY, WHITNEY #1217	1
24	TF-31	GEAR ASSY., 2nd SPEED	1
	TF-32	BUSHING	1
25	TF-82	REAR WASHER, 3rd SPEED GEAR	1
26	TF-115	SLEEVE, 3rd SPEED GEAR	1
27	TF-29	GEAR ASSY., 3rd SPEED	1
	TF-30	BUSHING	1
28	TF-56	KEY, 3rd SPEED GEAR WASHER	1
29	TF-83	FRONT WASHER, 3rd SPEED GEAR	1
30	TF-126	SLIDING CLUTCH	1
31	TF-9897	ROLLER BEARING, MAINSHAFT PILOT	1
32	TF-7	GEAR, CLUTCH & DRIVE	1
33	SG-2919	GASKET	1
34	TF-61	ADAPTOR, FRONT BEARING	1
35	TF-153	ROLLER BEARING, DRIVE GEAR	1
36	TF-4	NUT	1
37	TF-8	RING	2

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 884 A
IDLER & REVERSE SHAFT

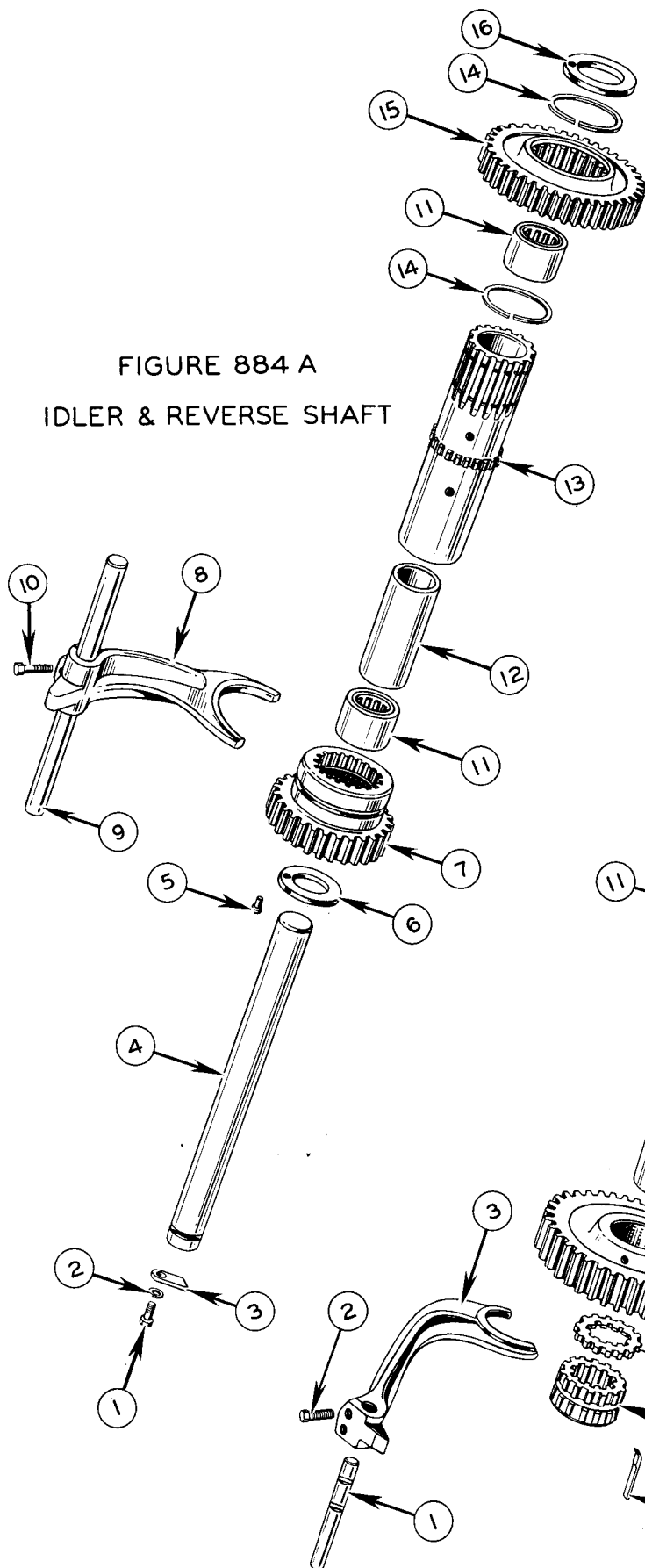
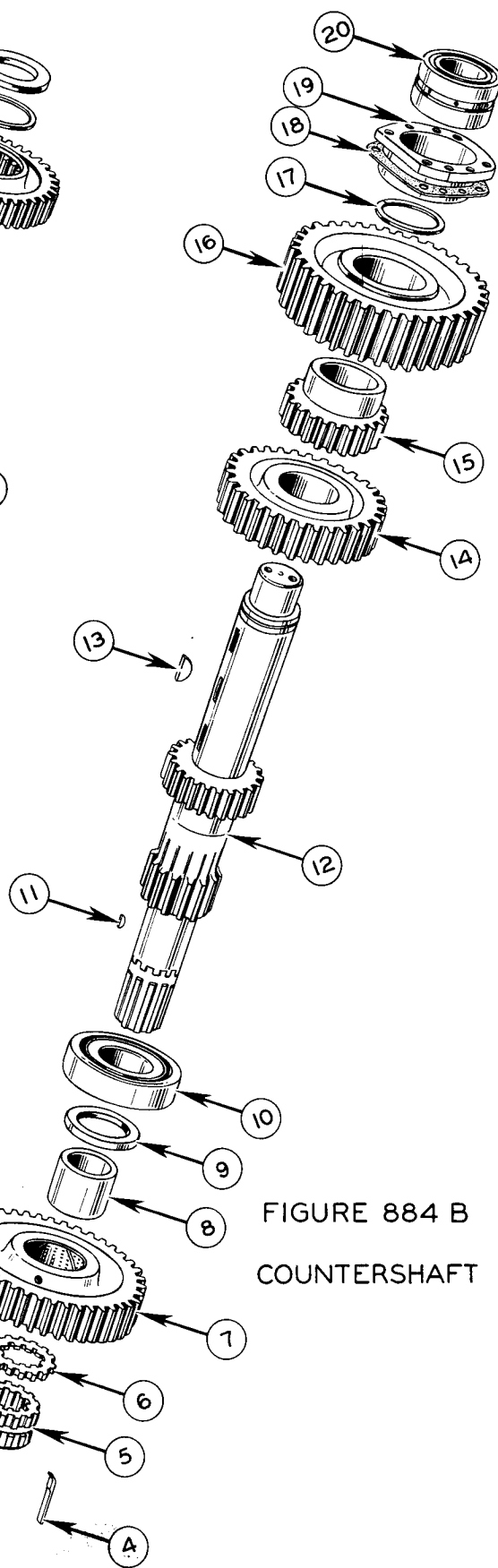


FIGURE 884 B
COUNTERSHAFT



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 884A

IDLER & REVERSE SHAFT

Ref. No.	Part No.	Description	Qty.
(FULLER L-1520)			
1	H-8524	CAPSCREW - 3/8" NC x 5/8"	1
2	H-5304	LOCKWASHER, SHAKEPROOF - 3/8"	1
3	H-2890	LOCK PLATE	1
4	TF-73	IDLER SHAFT	1
5	TF-3110	PIN, THRUST WASHER	2
6	TF-74	THRUST WASHER	1
7	TF-37	GEAR ASSEMBLY, REVERSE	1
	TF-38	BUSHING	1
8	TF-69	SHIFT YOKE, REVERSE	1
9	TF-81	YOKE BAR, REVERSE	1
10	SG-8041	CAPSCREW - 3/8" NF x 1 3/4" SPECIAL	2
11	TF-154	BEARING	2
12	TF-68	SPACER	1
13	TF-67	SLEEVE	1
14	TF-75	SNAP RING	2
15	TF-124	GEAR, REVERSE IDLER	1
16	TF-74	THRUST WASHER	1

FIGURE 884B

COUNTERSHAFT

(FULLER L-1520)			
1	SH-342	YOKE BAR, OVERDRIVE (Short)	1
2	H-2910	LOCK SCREW	2
3	TF-116	SHIFT YOKE, OVERDRIVE	1
4	SH-4532	KEY	1
5	TF-137	SLIDING CLUTCH	1
6	TF-66	THRUST WASHER	1
7	TF-35	GEAR ASSEMBLY, OVERDRIVE	1
	TF-36	BUSHING	1
8	TF-60	SLEEVE	1
9	TF-84	SPACER	1
10	TF-155	BEARING	1
11	H-2965	KEY, WOODRUFF #404	1
12	TF-122	COUNTERSHAFT	1
13	H-2967	KEY, WHITNEY #1217	3
14	TF-121	GEAR, 3rd SPEED	1
15	TF-125	GEAR, REVERSE DRIVER	1
16	TF-123	GEAR, COUNTERSHAFT DRIVE	1
17	TF-3118	SNAP RING	1
18	SG-6813	GASKET	1
19	SG-6812	BEARING ADAPTOR	1
20	SG-2935	BEARING ASSEMBLY	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

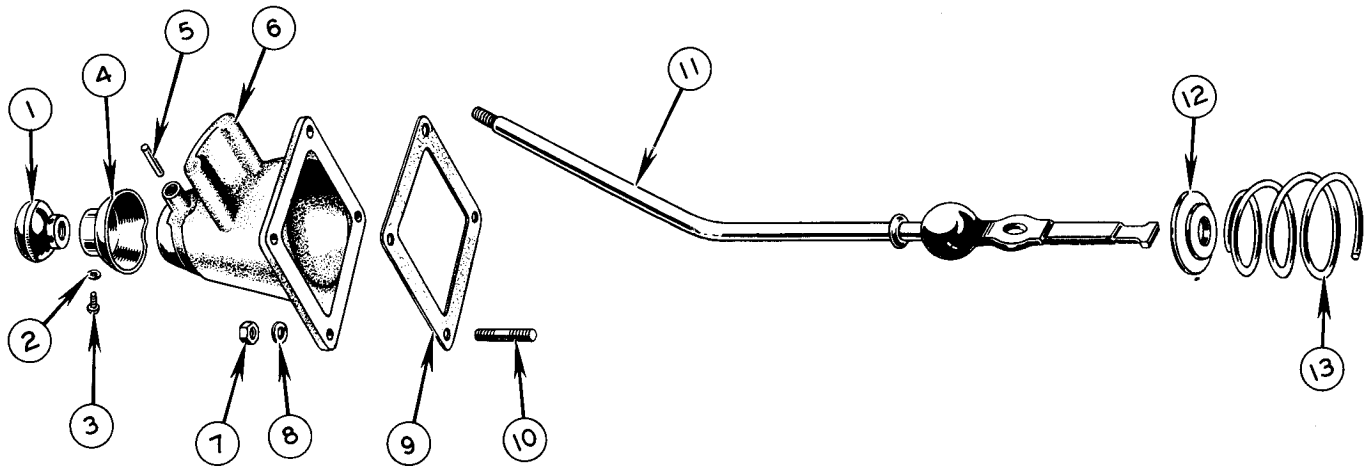


FIG. 885A

SHIFT LEVER

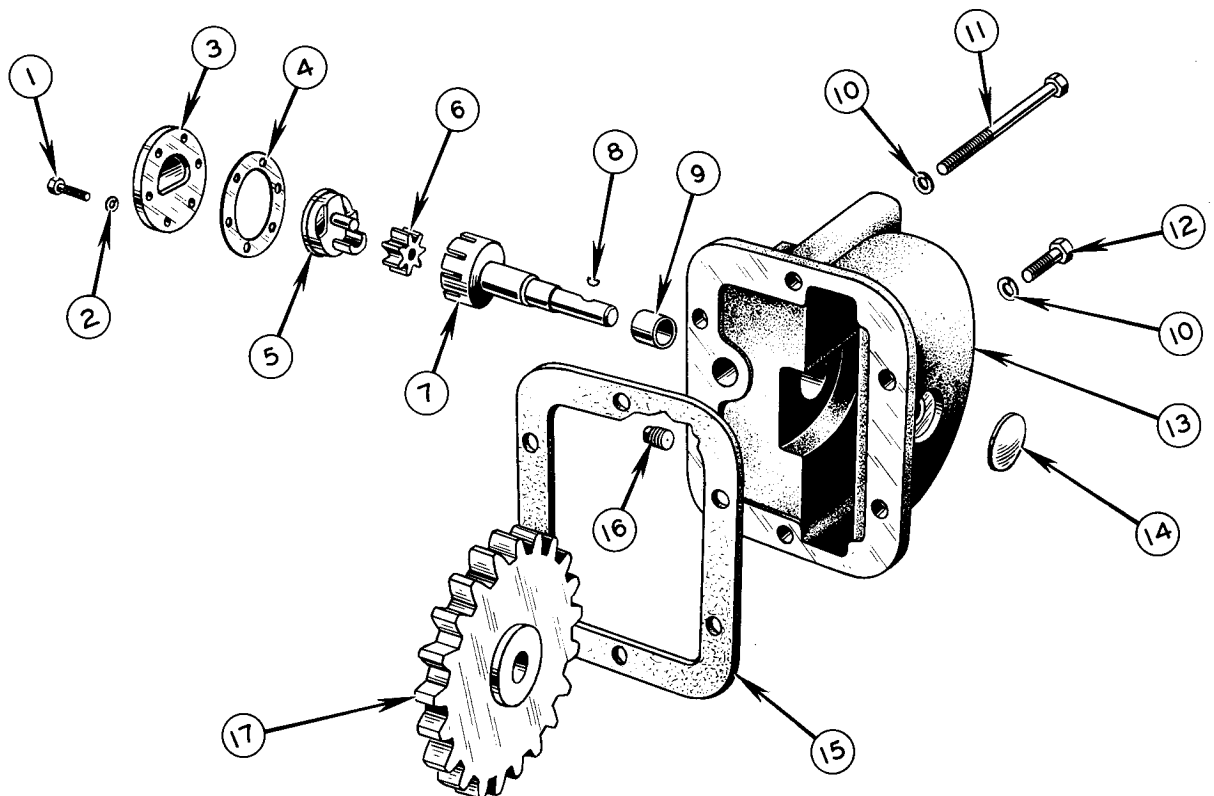


FIG. 885 B

OIL PUMP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 885A

SHIFT LEVER ASSEMBLY TF-2582

Ref. No.	Part No.	Description	Qty.
		(FULLER L-1520)	
1	H-2885	BALL	1
2	C-5774	LOCKWASHER - #12	1
3	H-2969	SCREW - #12-24 x 3/8"	1
4	H-2909	BELL	1
5	SL-3066	PIVOT PIN	1
6	TC-1903	HOUSING	1
	SL-3067	BUSHING, PIVOT PIN	1
7	C-1522	NUT - 3/8" NF	6
8	C-312	LOCKWASHER - 3/8"	4
9	H-2891	GASKET	1
10	SD-8926	STUD	4
11	TF-3115	LEVER	1
12	H-2906	WASHER	1
13	H-2905	SPRING	1
		(NOT INCLUDED IN TD-6295 TRANS. ASSEMBLY)	

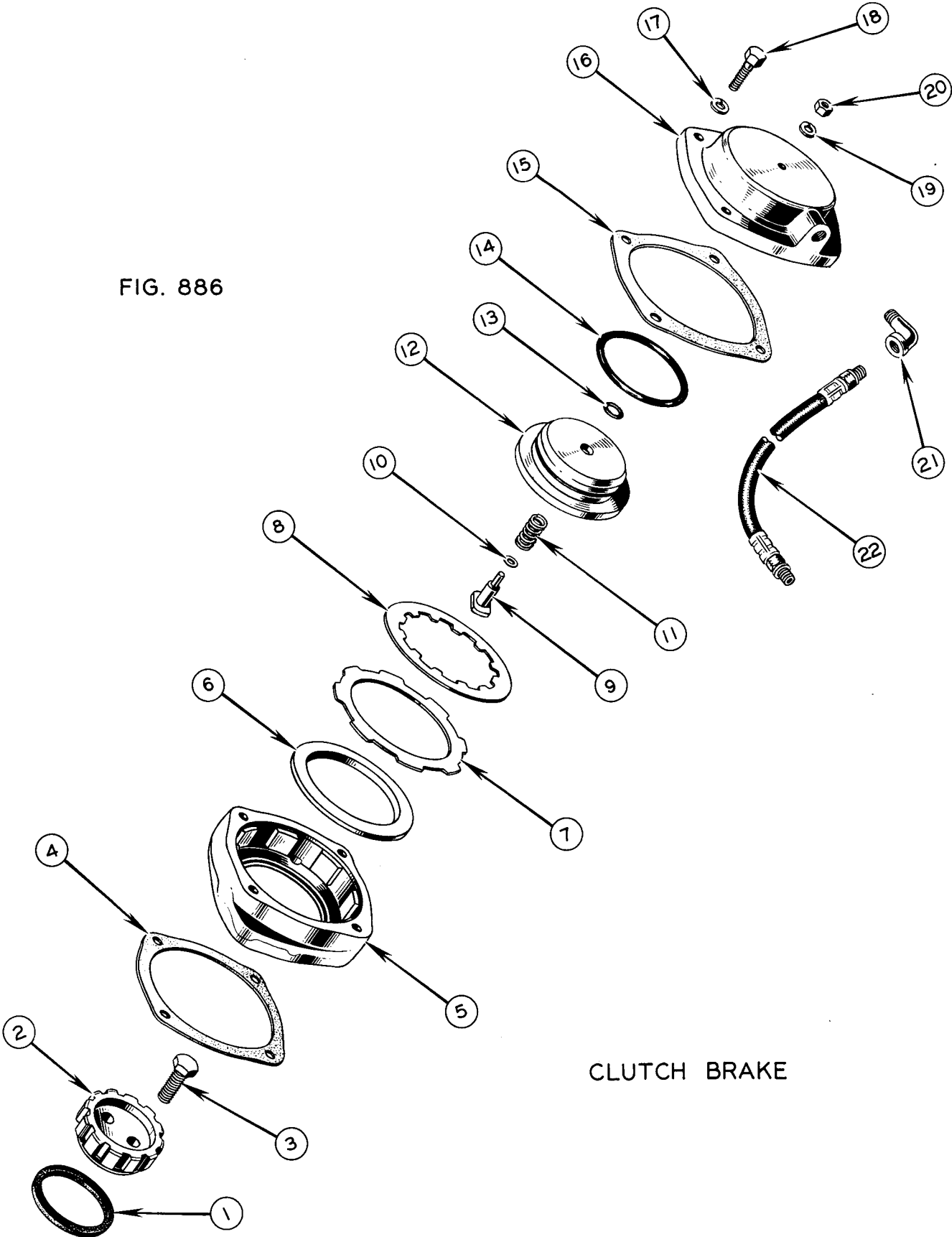
FIGURE 885B

OIL PUMP ASSEMBLY TF-39

		(FULLER L-1520)	
1	C-5746	CAPSCREW - 1/4" NC x 3/4"	6
2	C-5774	LOCKWASHER - 1/4"	6
3	TF-49	OUTER HEAD	1
4	TF-48	GASKET	1
5	TF-43	REVERSING HEAD	1
		PIVOT PIN (Not Serviced)	1
6	TF-47	GEAR, IDLER	1
7	TF-45	ROTOR	1
8	TF-51	KEY, WOODRUFF #204	1
9	TF-46	SPACER	1
10	C-312	LOCKWASHER	6
11	SF-5769	CAPSCREW - 3/8" NC x 4 1/4"	2
	C-5752	CAPSCREW - 3/8" NC x 3"	2
12	TF-1964	CAPSCREW - 3/8" NC x 1 1/4"	2
13	TF-40	HOUSING ASSEMBLY	1
	TF-41	ROTOR MAIN BUSHING	1
	TF-42	ROTOR OUTBOARD BUSHING	1
14	SD-8913	EXPANSION PLUG	1
15	H-2892	GASKET	2
	TF-1	FILLER BLOCK } (Not Included in Assembly)	1
16	TF-9	PLUG - 3/8"	1
17	TF-50	GEAR, DRIVE	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 886



CLUTCH BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 886

CLUTCH BRAKE

Ref. No.	Part No.	Description	Qty.
		(FULLER L-1520)	
1	TF-98	SEAL	1
2	TF-101	DISC CARRIER	1
3	TF-149	CAPSCREW, NYLOK - 1/2" NF x 1 3/4"	2
4	SG-6811	GASKET	1
5	TF-97	ADAPTER BODY	1
6	TF-102	DISC SPACER	1
7	TF-100	DISC, OUTER	7
8	TF-99	DISC, INNER	6
9	TF-93	RETAINER	1
10	TF-94	GASKET	1
11	TF-95	SPRING	1
12	TF-96	PISTON	1
13	TF-91	"O" RING	1
14	TF-92	"O" RING	1
15	TF-90	GASKET	1
16	TF-88	COVER	1
17	C-312	LOCKWASHER - 3/8"	4
18	SD-5157	CAPSCREW - 3/8" NC x 3 3/4"	4
19	C-5774	LOCKWASHER - 1/4"	1
20	C-5781	NUT - 1/4" NF	1
21	TF-22	STREET ELL	2
22	TF-144	HOSE ASSEMBLY - 8"	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

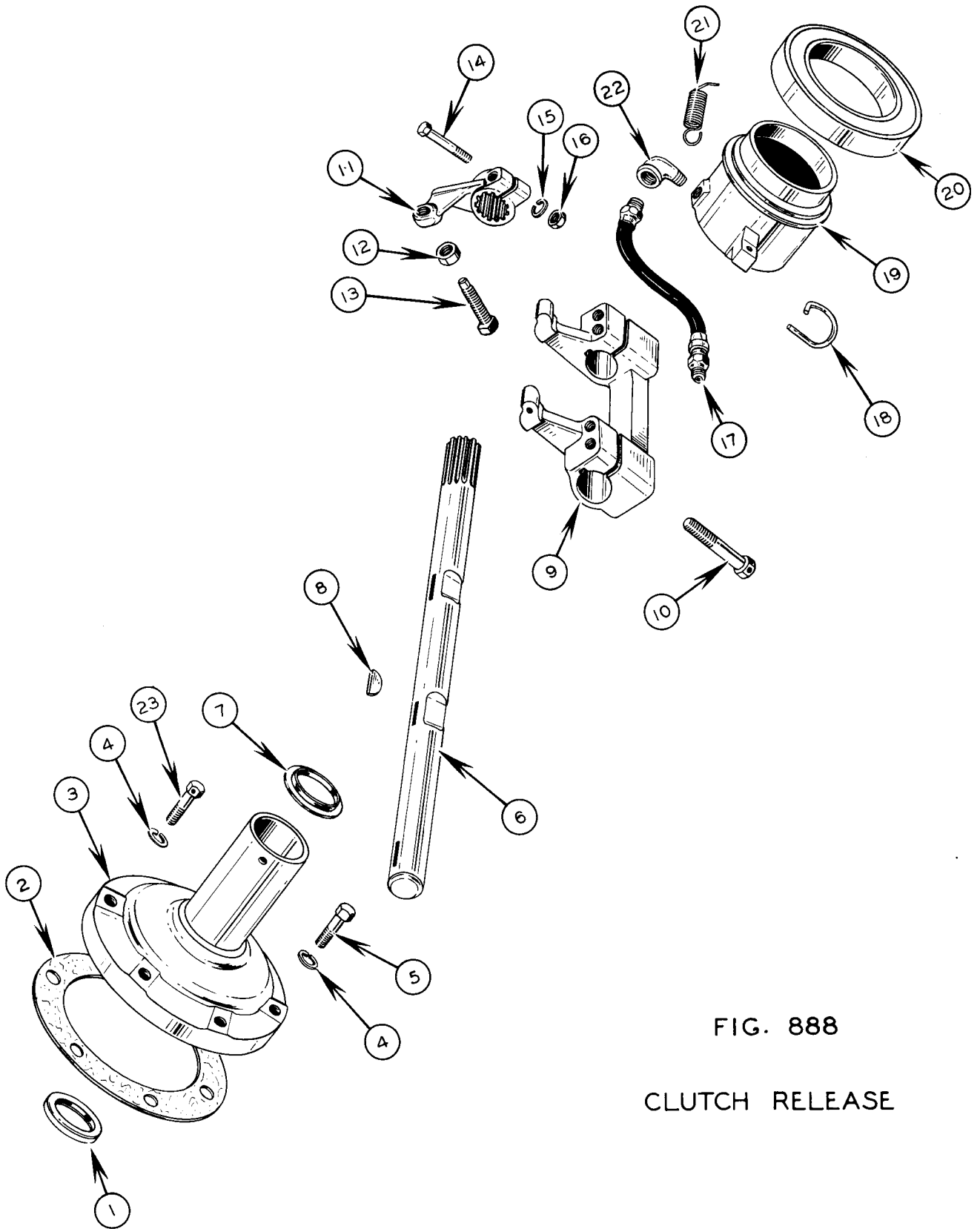


FIG. 888

CLUTCH RELEASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 888

CLUTCH RELEASE

Ref. No.	Part No.	Description	Qty.
		(FULLER L-1520)	
1	TF-3134	OIL SEAL	1
2	TF-57	GASKET	1
3	TF-5	BEARING COVER	1
4	C-312	LOCKWASHER - 3/8"	6
5	TF-1963	CAPSCREW - 3/8" NC x 1 1/2"	4
6	TF-2	SHAFT	1
7	TC-9758	GEAR SHIELD	1
8	F-4019	KEY, WOODRUFF #607	2
9	TD-3499	CLUTCH RELEASE YOKE ASSEMBLY	1
10	TC-7823	BOLT - 3/8" - 24 x 2 1/4" SPECIAL	4
11	SP-8088	ADJUSTING ARM ASSEMBLY	1
12	H-2855	SETSCREW, DOG POINT - 1/2" NC x 2"	1
13	C-1523	NUT - 1/2" NC	1
14	HC-1193	CAPSCREW - 3/8" NF x 2"	1
15	C-312	LOCKWASHER - 3/8"	1
16	C-1522	NUT - 3/8" NF	1
17	TF-141	HOSE ASSEMBLY	1
18	TD-3498	FOLLOW SPRING	2
19	TF-3	CLUTCH BEARING CARRIER	1
20	H-2987	BEARING	1
21	H-2915	SPRING	2
22	TF-22	STREET ELL	1
23	H-2974	CAPSCREW - 3/8" NC x 1 1/2"	2

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

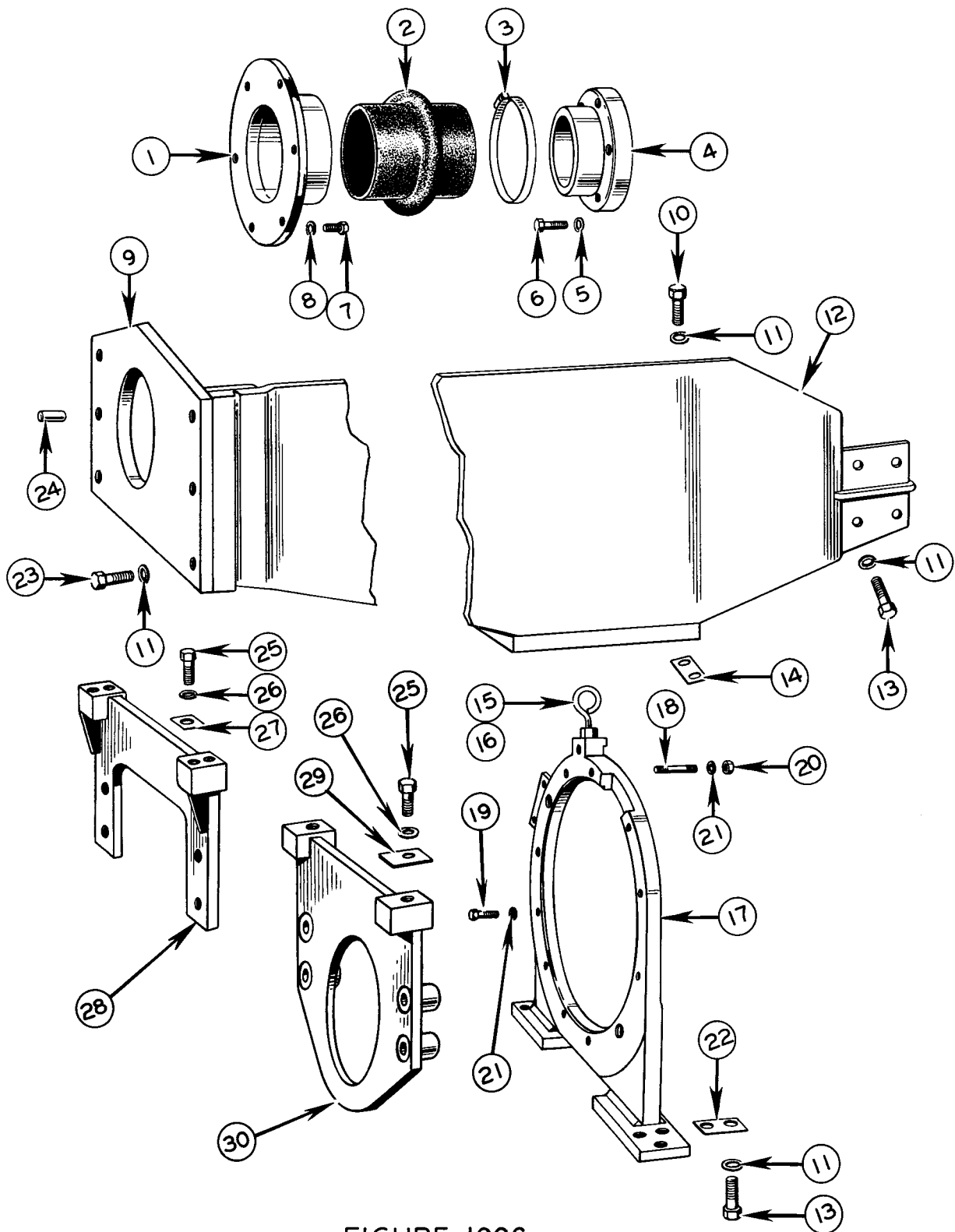


FIGURE 1006

TRANSMISSION ADAPTOR & MOUNTING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1006

TRANSMISSION ADAPTOR & MOUNTING

Ref. No.	Part No.	Description	Qty.
1	TD-7093	ADAPTOR (Rear Case)	1
2	SR-3522	BOOT	1
3	HE-5115	CLAMP	4
4	TD-8504	ADAPTOR (Transmission)	1
5	C-312	LOCKWASHER - 3/8"	6
6	C-1673	CAPSCREW - 3/8" NF x 1 3/4"	6
7	C-1678	CAPSCREW - 1/2" NF x 1 1/4"	6
8	C-1540	LOCKWASHER - 1/2"	6
9	TD-7964	PLATE, TRANSMISSION CARRIER (Rear)	1
10	C-1695	CAPSCREW - 5/8" NF x 2"	4
11	C-1541	LOCKWASHER - 5/8"	20
12	TD-8510	SADDLE BEAM, LEFT (Cummins Engine)	1
	TD-8509	SADDLE BEAM, RIGHT (Cummins Engine)	1
	TD-7970	SADDLE BEAM, LEFT (GM Engine)	1
	TD-7974	SADDLE BEAM, RIGHT (GM Engine)	1
13	C-1632	CAPSCREW - 5/8" NC x 2 1/2"	12
	C-1635	CAPSCREW - 5/8" NC x 3 1/4"	8
14	TD-7873	SHIM - .007	AR
	TD-7874	SHIM - .010	AR
15	SV-2703	EYE BOLT	1
16	C-1525	NUT - 5/8" NC	1
17	TD-7962	ADAPTOR RING	1
18	TD-8515	STUD	2
19	DD-1872	CAPSCREW - 7/16" NC x 2 3/4"	9
20	C-5572	NUT - 7/16" NC	4
21	C-5775	LOCKWASHER - 7/16"	12
22	TD-7871	SHIM - .007	AR
	TD-7872	SHIM - .010	AR
23	C-1630	CAPSCREW - 5/8" NC x 2"	4
24	SP-380	DOWEL PIN	2
25	C-1644	CAPSCREW - 3/4" NC x 2"	2
26	C-1542	LOCKWASHER - 3/4"	2
27	TD-7888	SHIM - .007	AR
	TD-7889	SHIM - .010	AR
28	TD-6531	MOUNT BRACKET	1
29	TD-8767	SHIM - .007	AR
	TD-8768	SHIM - .010	AR
30	TG-1243	MOUNT BRACKET	1
	TG-1245	SPACER BLOCK	2
NOTES: REF. NOS. 25 THRU 28, EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 THRU BPF4-G.			
REF. NOS. 9 THRU 24, EFFECTIVE WITH SERIAL SUFFIX BPF4-H THRU BPF4-J.			
REF. NOS. 25, 26, 29 & 30, EFFECTIVE WITH SERIAL SUFFIX BPF4-K.			
(USED WITH FULLER L-1520 TRANSMISSION)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

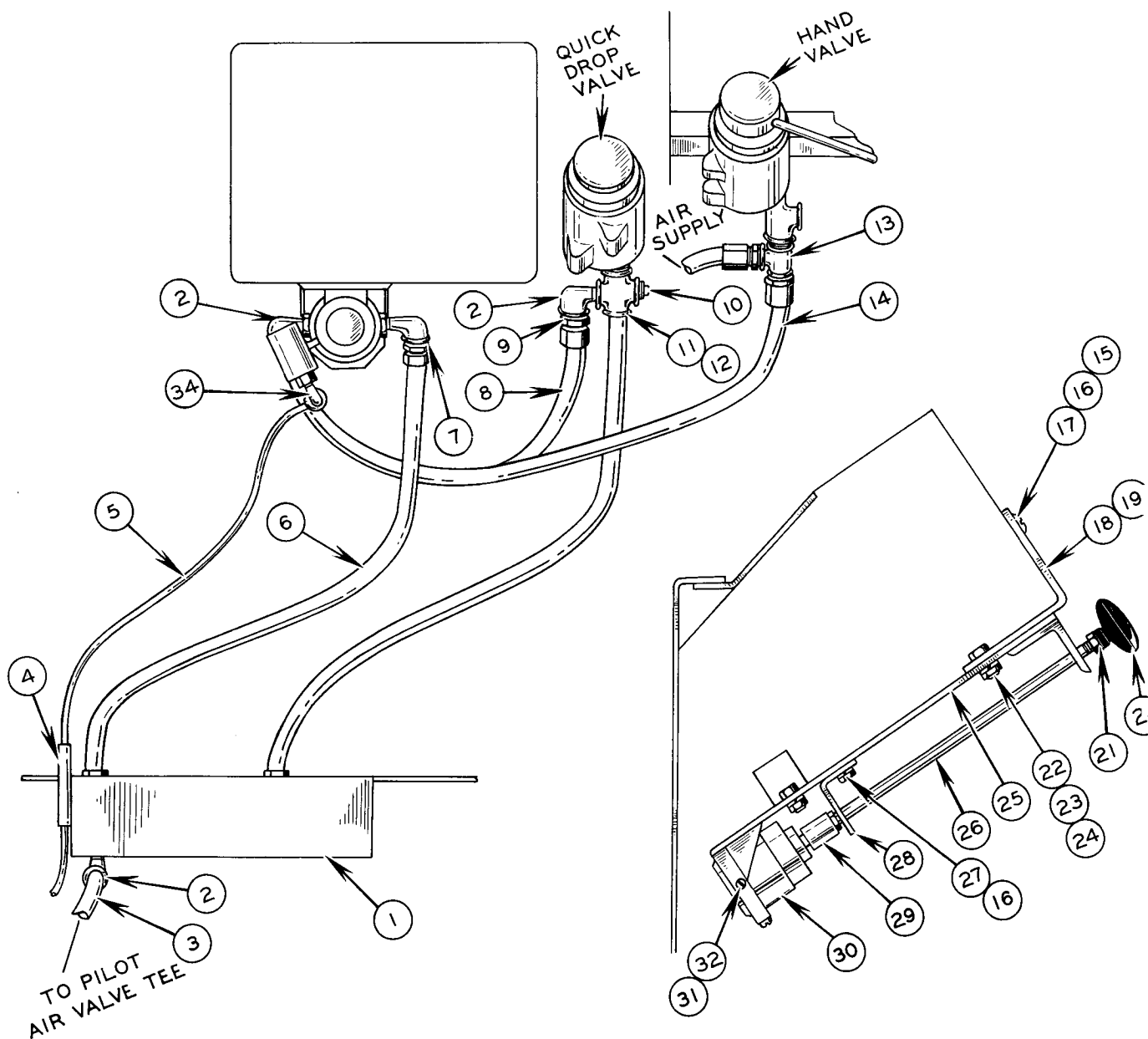


FIG. 887

TRANSMISSION PRE-SELECT VALVE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

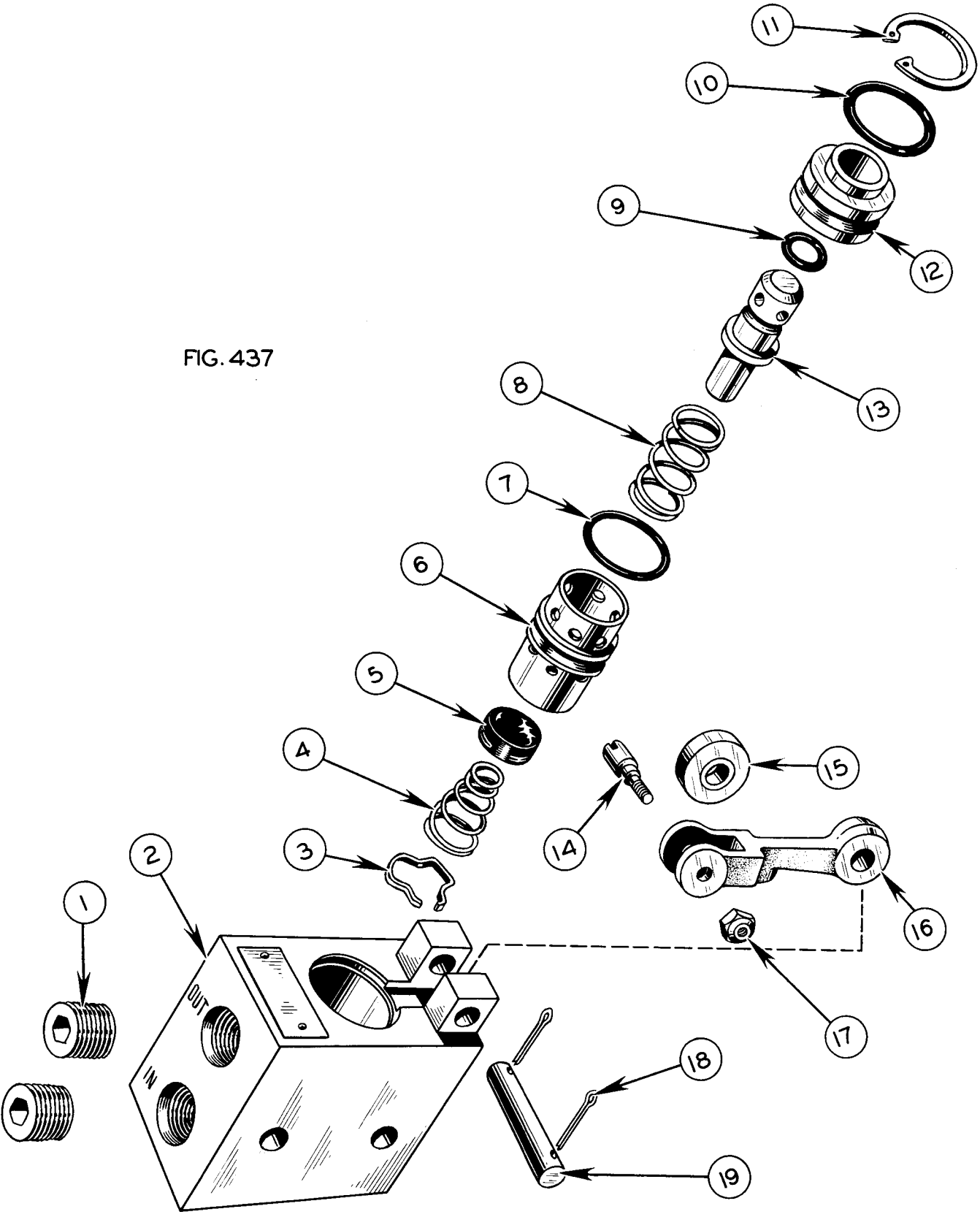
FIGURE 887

TRANSMISSION PRE-SELECT VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	SG-6758	JUNCTION BLOCK	1
2	S-2916	STREET ELL - 1/4"	2
3	TF-4126	HOSE ASSEMBLY - 1/4" x 22" - TO PILOTAIR VALVE	1
4	TD-9144	SLEEVE	1
5	TD-9141	TUBE ASSEMBLY	1
6	TF-4124	HOSE ASSEMBLY - 1/4" x 20" - TO JUNCTION BLOCK	1
7	TD-9718	ADAPTOR	1
8	TF-4218	HOSE ASSEMBLY - 3/8" x 14" - USED WITH SCRAPER	1
9	TD-9720	ADAPTOR	1
10	C-5769	PIPE PLUG - 1/4"	3
11	DF-4292	PIPE CROSS - 1/4"	1
12	R-2510	CLOSE NIPPLE - 1/4"	1
13	R-2508	TEE - 1/4"	1
14	TF-4224	HOSE ASSEMBLY - 3/8" x 20" - USED WITH REAR DUMP & CRANE	1
15	DC-5004	SCREW - #12-24 x 1/2"	1
16	R-8870	LOCKWASHER - #12	3
17	SF-9857	NUT - #12-24	1
18	TD-9683	SUPPORT (Front)	1
19	TD-9679	SUPPORT (Rear)	1
20	SV-2738	KNOB	1
21	SF-9144	NUT, JAM - 1/4" NC	2
22	C-5746	CAPSCREW - 1/4" NC x 3/4"	4
23	C-5774	LOCKWASHER - 1/4"	4
24	C-5780	NUT - 1/4" NC	4
25	TF-604	MOUNT	1
26	TF-602	PUSH ROD	1
27	H-2969	SCREW	2
28	TF-609	ANGLE	1
29	TF-603	SLEEVE	1
30	TF-24	VALVE, CLUTCH BRAKE PRE-SELECT	1
	TF-25	VALVE, CLUTCH BRAKE RETURN	1
	TF-23	BUSHING	2
	TF-22	STREET ELL	2
31	SC-4506	SCREW - #6-32 x 3/8"	3
32	R-2641	LOCKWASHER - #6	3
34	C-9806	ELBOW	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 437



PILOTAIR VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 437

PILOTAIR VALVE ASSEMBLY SV-8810

Ref. No.	Part No.	Description	Qty.
1	SP-1879	PLUG - 1/4"	2
2	SV-5398	BODY	1
3	SP-933	RETAINER RING	1
4	SP-934	SPRING, SUPPLY VALVE	1
5	SP-935	CHECK VALVE	1
6	SP-936	VALVE SEAT	1
7	SP-937	RING	1
8	SP-938	SPRING, EXHAUST VALVE	1
9	SP-941	RING	1
10	SP-939	RING	1
11	SP-940	RETAINER RING	1
12	SP-943	GUIDE	1
13	SP-942	PLUNGER	1
14	SV-5395	ROLLER PIN	1
15	SV-5396	ROLLER	1
16	SV-5394	LEVER	1
17	SV-5397	NUT	1
18	SP-945	COTTER PIN - 1/16" x 3/8"	2
19	SP-946	LEVER PIN	1
(USED WITH TRANSMISSION CLUTCH BRAKE PIPING)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

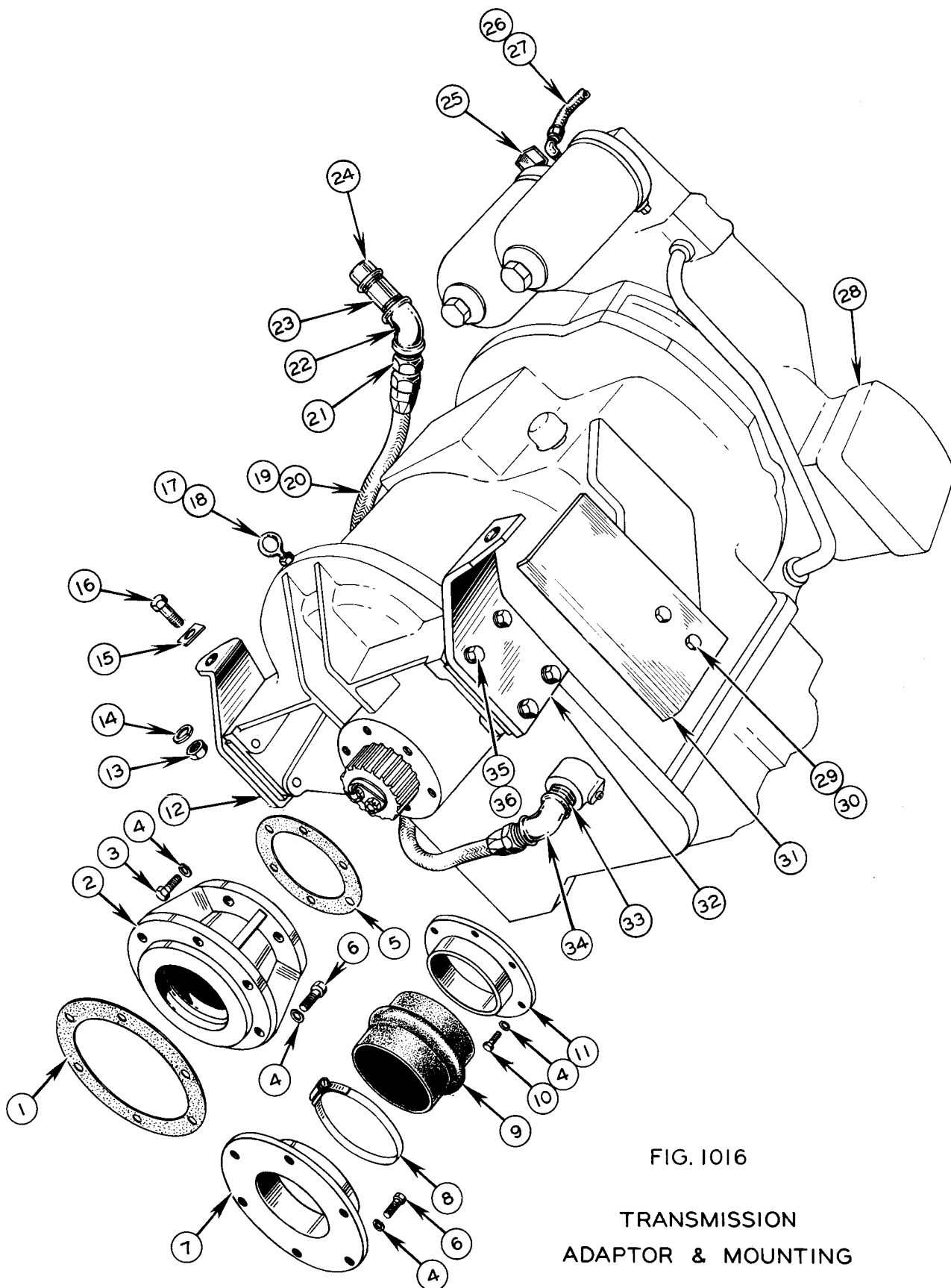


FIG. 1016

TRANSMISSION
ADAPTOR & MOUNTING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1016

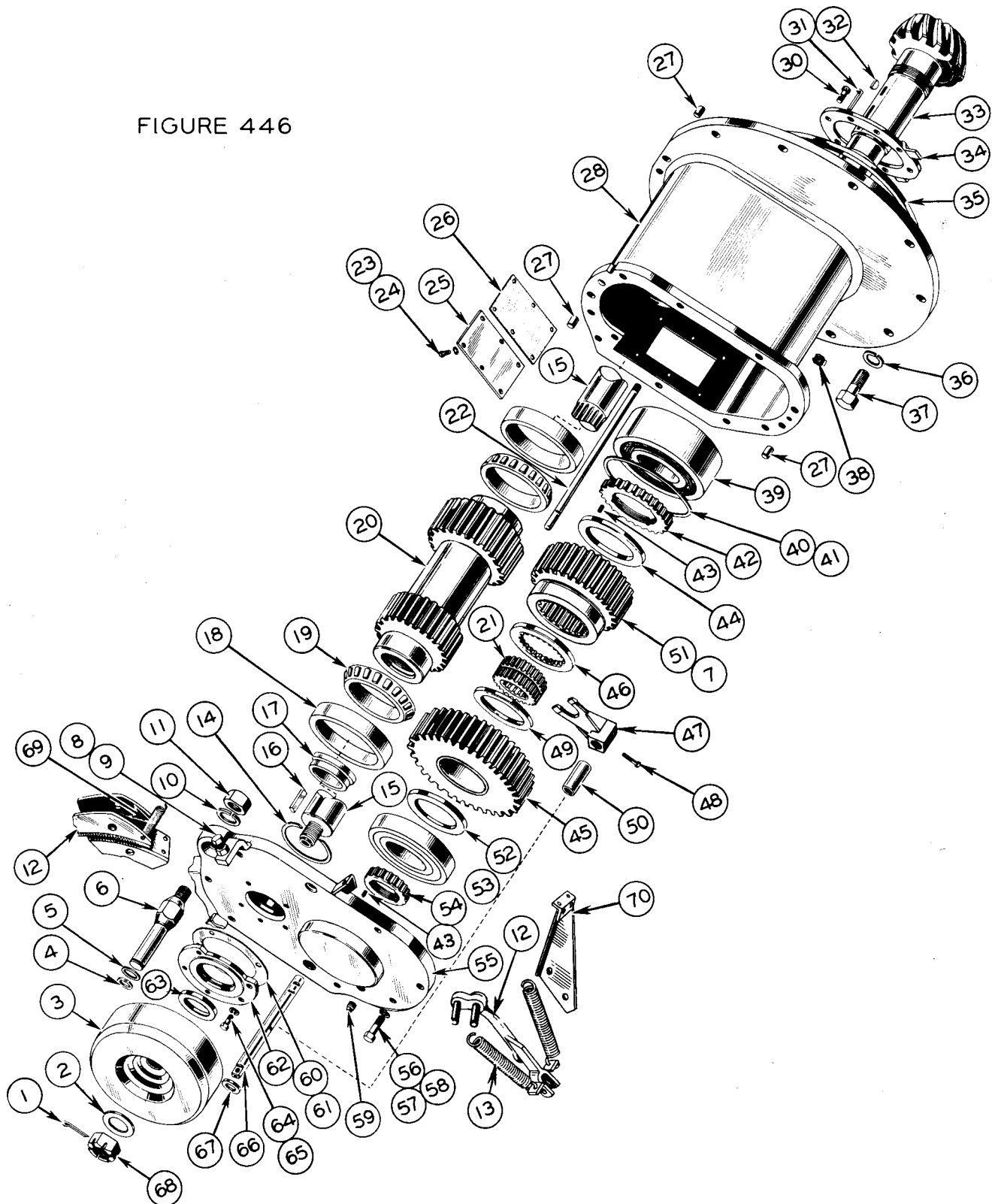
TRANSMISSION ADAPTOR & MOUNTING

Ref. No.	Part No.	Description	Qty.
1	SL-7718	GASKET	1
2	TC-7445	ADAPTOR	1
3	C-1614	CAPSCREW - 1/2" NC x 1 1/2" } Effective thru Serial Suffix BPA4-J	6
4	C-1540	LOCKWASHER - 1/2" }	12
5	TC-2848	GASKET	1
6	C-1678	CAPSCREW - 1/2" NF x 1 1/4"	6
7	TF-5116	ADAPTOR	1
8	HE-5115	CLAMP, HOSE	4
9	TF-2362	HOSE, HUMP } Effective with Serial Suffix BPA4-K	1
10	C-1613	CAPSCREW - 1/2" NC x 1 1/4" }	6
11	TF-2357	ADAPTOR	4
12	TC-6061	BRACKET - LEFT	1
13	C-1533	NUT - 1 1/4" NC	2
14	C-1545	LOCKWASHER - 1 1/4"	2
15	TC-4053	SHIM - .035	AR
	TC-4054	SHIM - .007	AR
16	C-5542	CAPSCREW - 1 1/4" NC x 3"	2
17	SV-2703	EYE BOLT	1
18	C-1525	NUT - 5/8" NC	1
19	TC-6070	HOSE ASSEMBLY - 1 1/4"	1
20	TC-6058	CLAMP	1
21	TC-6064	ADAPTOR - 1 1/4"	1
22	SD-5184	ELBOW - 1 1/4" x 45°	1
23	H-2605	NIPPLE - 1 1/4" x 4"	1
24	S-5954	CAP - 1 1/4"	1
25	SV-4500	HOSE PROTECTOR	1
26	SV-2743	HOSE ASSEMBLY	1
27	SV-2740	ELBOW, AEROQUIP - 90°	1
28		TRANSMISSION ASSY. (See Allison Parts Catalog)	1
29	C-5753	CAPSCREW - 3/8" NC x 4"	2
30	R-7206	WASHER, COPPER - 3/8"	2
31	SV-8014	BAFFLE PLATE	1
32	TC-6062	BRACKET - RIGHT	1
33	H-3458	NIPPLE - 1 1/4" x 2 1/2"	1
34	H-2606	ELBOW - 1 1/4" x 90°	1
35	C-1632	CAPSCREW - 5/8" NC x 3 1/2"	8
36	C-1541	LOCKWASHER - 5/8"	8

(USED WITH ALLISON TRANSMISSION)
(EFFECTIVE WITH SERIAL SUFFIX BPA4.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 446



AUXILIARY TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 446

AUXILIARY TRANSMISSION

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1949	Cotter Pin - 1/4" x 3"	1	41	SG-3175	Shim - .007	AR
2	TD-8760	Washer	1	42	SL-5926	Locknut	1
3	SL-5966	Brake Drum	1	43	SG-3840	Pipe Plug - 1/16"	2
4	SL-2320	Snap Ring	1	44	SV-8038	Washer, Front	1
5	SL-5944	Spacer	1	45	SP-369	Low Speed Gear Assy.	1
6	SL-7323	Stud	1		SP-4051	Low Speed Gear Assy. *	1
7	SL-5916	Gear Sleeve	1	46	SV-8039	Washer, Rear	1
8	C-1615	Capscrew - 1/2" nc x 1 3/4"	1	47	SP-375	Shift Yoke	1
9	C-1523	Nut - 1/2" nc	1	48	SL-8015	Capscrew	2
10	C-1544	Lockwasher - 1"	1	49	SV-8040	Washer, Front	1
11	C-1531	Nut - 1" nc	1	50	SL-7067	Spacer	1
12	SP-8136	Parking Brake	1	51	SP-370	High Speed Gear Assy.	1
	SP-3269	Outer Shoe & Lining	1		SP-4052	High Speed Gear Assy. *	1
	SP-3275	Lining	1	52	SL-7068	Washer, Rear	1
	SP-3278	Rivet	6	53	SL-7101	Bearing	1
	SP-3268	Inner Shoe & Lining	1	54	SL-7300	Retainer Nut	1
	SP-3276	Lining	1	55		Cover Plate (Order by Serial No.).	1
	SP-3277	Rivet	6	56	C-1697	Capscrew - 5/8" nf x 2 1/2"	8
	SP-3273	Shoe Actuating Pin	2	57	C-1694	Capscrew - 5/8" nf x 1 3/4"	1
	SP-8138	Brake Lever & Extension	1	58	C-1541	Lockwasher - 5/8"	9
13	DF-9567	Brake Spring	2	59	C-5771	Pipe Plug - 1/2"	1
14	SL-7302	Snap Ring	1	60	SL-7081	Shim - .007	AR
15	SL-8242	Drive Shaft	1	61	SL-7082	Shim - .004	AR
16	SL-5941	Key	1	62	SP-365	Retainer	1
17	SL-7301	Spacer	1	63	TF-476	Oil Seal	1
18	S-3013	Bearing Cup	2	64	C-1613	Capscrew - 1/2" nc x 1 1/4"	5
19	SL-5957	Bearing Cone	2	65	C-1540	Lockwasher - 1/2"	5
20	SP-368	Cluster Gear	1	66	TD-6537	Yoke Bar ☉	1
	SP-4053	Cluster Gear *	1		TF-6526	Bushing	1
21	SL-6132	Sliding Clutch	1		TD-4889	Yoke Bar ☉☉	1
22	SL-7308	Oil Pipe	1		TF-6361	Bushing	1
	TC-5269	Oil Pipe **	1		TF-6362	Sleeve	1
23	C-1611	Capscrew - 1/2" nc x 3/4"	6	67	SR-4981	Oil Seal	1
24	C-1540	Lockwasher - 1/2"	6	68	SV-9998	Nut	1
25	SL-7095	Cover	1	69	SL-9050	Spring	1
26	SL-7096	Gasket	1	70	SP-6466	Anchor, Spring	1
27	SP-380	Dowel Pin	3				
28		Case (Order by Serial No.)	1				
30	E-8702	Capscrew - 1/2" nc x 1 1/2"	8				
31	SL-6100	Key	1				
32	S-5326	Key	1				
33	SV-8042	Ring Gear & Pinion Set	1				
	TC-5296	Ring Gear & Pinion Set **	1				
34	SP-4769	Retainer	1				
35	SL-6616	Ring	1				
36	C-1544	Lockwasher - 1"	12				
37	C-1724	Capscrew - 1" nf x 2"	12				
38	SF-9442	Pipe Plug, Magnetic - 3/4"	2				
39	CD-4800	Bearing Assembly	1				
40	SG-3173	Shim - .004	AR				

* Standard with Crane, Optional with Rear Dump.
 ** Effective with Serial Suffix BPF4-C.
 # Effective with Serial Suffix BPF4-H.
 ☉ Effective thru Serial Suffix BPF4-M.
 ☉☉ Effective with Serial Suffix BPF4-N.
 (USED WITH FULLER TRANSMISSION)
 (Effective with Serial Suffix BPF3 thru BPF3-B, BPF4 & Up.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

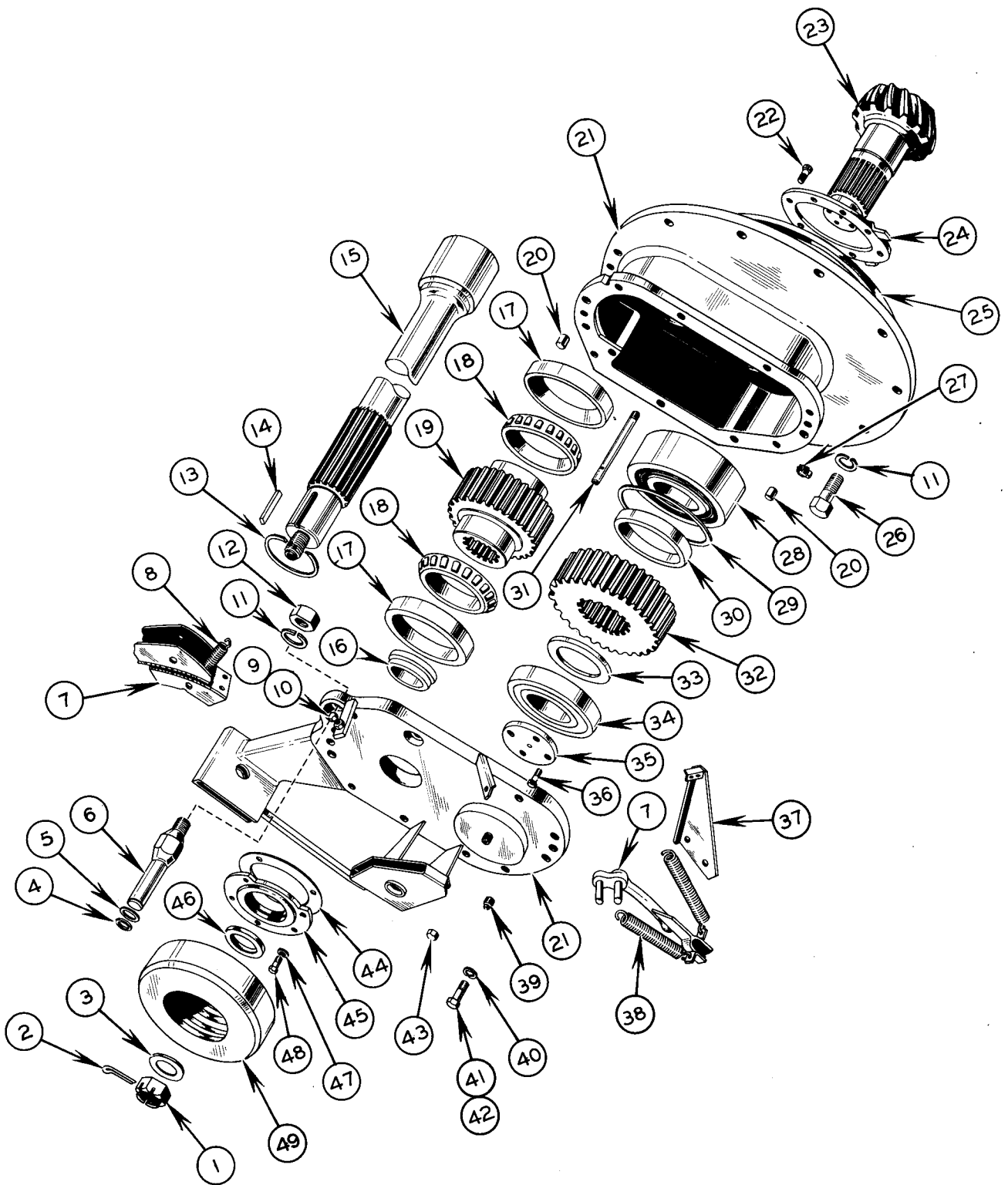


FIG. 793

AUXILIARY TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

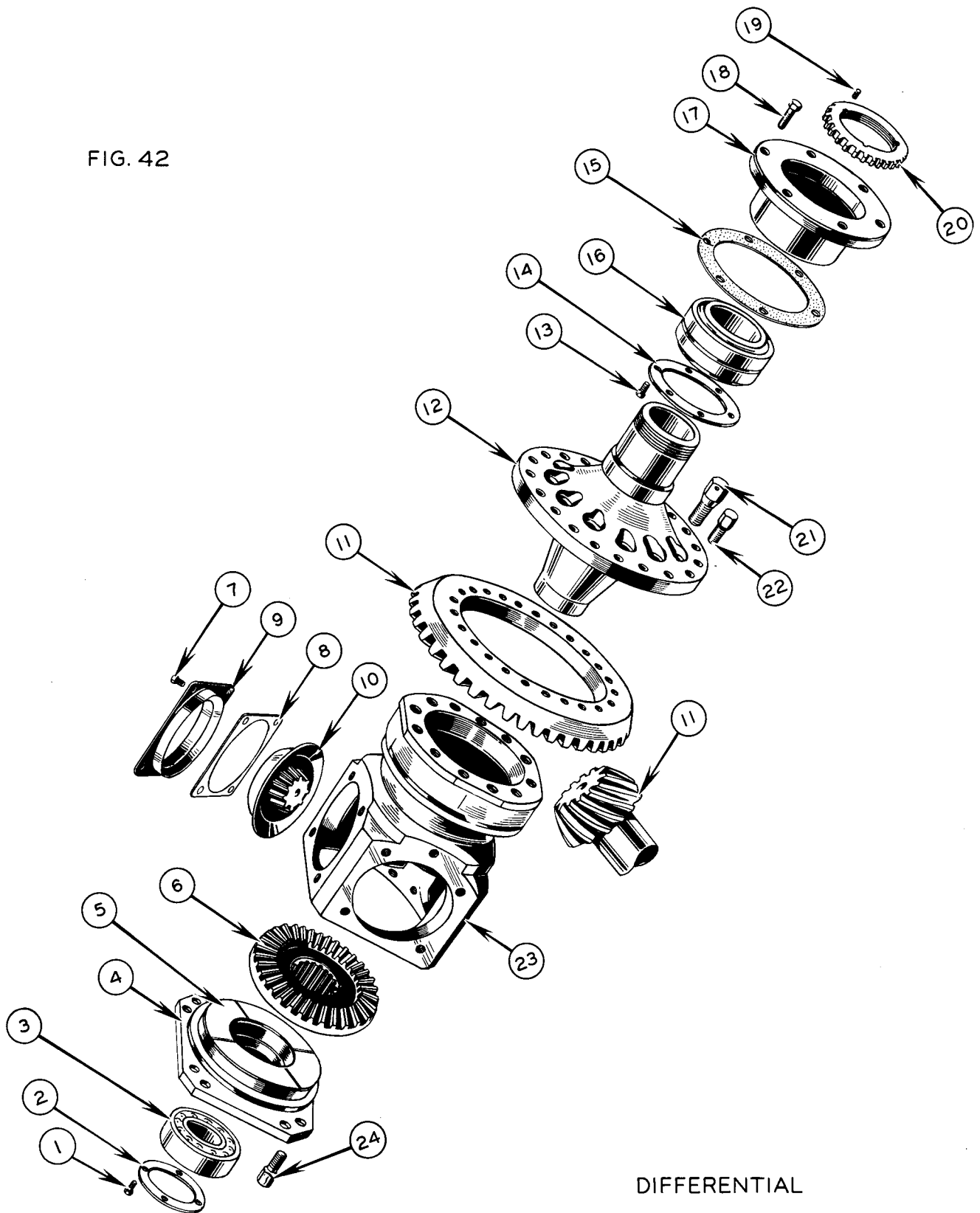
FIGURE 793

AUXILIARY TRANSMISSION

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SV-9998	Nut	1	27	SF-9442	Plug, Magnetic - 3/4"	1
2	C-1949	Cotter Pin - 1/4" x 3"	1	28	CD-4800	Bearing Assembly	1
3	TD-8760	Washer	1	29	SG-3173	Shim - .004	AR
4	SL-2320	Snap Ring	1		SG-3175	Shim - .007	AR
5	SL-5944	Spacer	1	30	SV-1420	Spacer	1
6	SL-7323	Stud	1	31	SV-1424	Oil Pipe	1
7	SP-8136	Parking Brake	1	32	TC-6167	Gear - 25 Tooth *	1
	SP-3269	Outer Shoe & Lining	1		SV-1422	Gear - 32 Tooth **	1
	SP-3275	Lining	1		TF-9245	Gear - 30.1:1 Ratio (Std.) % ..	1
	SP-3278	Rivet	6		TF-9243	Gear - 35.3:1 Ratio (Opt.) % ..	1
	SP-3268	Inner Shoe & Lining	1		TG-1047	Gear - 25.9:1 Ratio (Opt.) % ..	1
	SP-3276	Lining	1		TG-1048	Gear - 25.9:1 Ratio (Opt.) % ..	1
	SP-3277	Rivet	6	33	SV-1419	Spacer	1
	SP-3273	Shoe Actuating Pin	2	34	SL-7101	Bearing	1
	SP-8138	Brake Lever & Extension ...	1	35	SV-1418	Plate	1
8	SL-9050	Spring	1	36	S-2747	Capscrew	4
9	C-1615	Capscrew - 1/2" nc x 1 3/4" ...	1	37	SP-6466	Bracket	1
10	H-8508	Nut - 1/2" nc	1	38	DF-9567	Spring	2
11	C-1544	Lockwasher - 1"	13	39	C-5771	Pipe Plug - 1/2"	1
12	C-1531	Nut - 1" nc	1	40	C-1541	Lockwasher - 5/8"	9
13	SL-7302	Snap Ring	1	41	C-1697	Capscrew - 5/8" nf x 2 1/2" ...	8
14	SL-5941	Key	1	42	C-1694	Capscrew - 5/8" nf x 1 3/4" ...	1
15	TC-6057	Drive Shaft	1	43	TC-7193	Cap	1
16	SL-7301	Spacer	1	44	SL-7081	Shim - .007	AR
17	S-3013	Bearing Cup	2		SL-7082	Shim - .004	AR
18	SL-5957	Bearing Cone	2	45	SP-365	Cover	1
19	TC-6168	Gear - 22 Tooth *	1	46	TF-476	Oil Seal	1
	SV-1421	Gear - 25 Tooth **	1	47	C-1540	Lockwasher - 1/2"	5
	TF-9244	Gear - 30.1:1 Ratio (Std.) % ...	1	48	C-1613	Capscrew - 1/2" nc x 1 1/4" ...	5
	TF-9242	Gear - 35.3:1 Ratio (Opt.) % ..	1	49	SL-5966	Brake Drum	1
	TG-1046	Gear - 25.9:1 Ratio (Opt.) % ..	1			Not Shown	
	TG-1049	Gear - 20.8:1 Ratio (Opt.) % ..	1		D-5832	Breather Cap ☉	1
20	SP-380	Dowel Pin	2			* Used with Scraper - Eff. thru	
21	SV-1400	Case & Cover Assy. */**	1			Serial Suffix BPA4-H.	
	TD-7306	Case & Cover Assy. %	1			** Used with Rear Dump (Opt.) - Eff.	
22	E-8702	Capscrew - 1/2" nc x 1 1/2" ...	8			thru Serial Suffix BPA4-H.	
23	SV-1407	Pinion & Ring Gear Set	1			☉ Effective with Serial Suffix	
24	SP-4769	Retainer	1			BPA4-D.	
25	SL-6616	Ring	1			% Effective with Serial Suffix	
26	C-1724	Capscrew - 1" nf x 2"	12			BPA4-J.	
				(USED WITH ALLISON TRANSMISSION)			
				(EFFECTIVE WITH SERIAL SUFFIX BPA4.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 42



DIFFERENTIAL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 42

DIFFERENTIAL

Ref. No.	Part No.	Description	Qty.
1	S-5039	CAPSCREW	4
2	SL-5956	RETAINER	1
3	SL-5960	BEARING	1
4	SL-7229	COVER	1
5	SL-7157	BUSHING	2
6	SL-5014	BEVEL GEAR	2
7	DC-1993	CAPSCREW, DRILLED HEAD - 5/8" NF x 1 1/2"	16
8	SL-6387	SHIM - .007	AS REQ'D
	SL-6388	SHIM - .004	AS REQ'D
9	SL-5003	BUSHING	4
10	SG-881	BEVEL PINION	4
11		RING GEAR & PINION SET (See Aux. Transmission)	1
12	SL-7107	CARRIER, RING GEAR	1
13	H-5090	CAPSCREW, DRILLED HEAD - 3/8" NF x 1"	6
14	SL-5012	RETAINER	1
15	SL-5018	SHIM - .004	AS REQ'D
	SL-5019	SHIM - .007	AS REQ'D
16	SL-5022	BEARING	1
17	SL-7110	CAGE, BEARING	1
18	CE-1848	CAPSCREW, DRILLED HEAD - 5/8" NF x 2 1/4"	6
19	SG-3840	PIPE PLUG - 1/16"	1
20	SL-5954	LOCKNUT	1
21	SL-7249	CAPSCREW	12
22	SL-5955	CAPSCREW	24
23	SL-7230	HOUSING	1
24	DD-6336	CAPSCREW	8

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 447 B

FINAL DRIVE AXLE

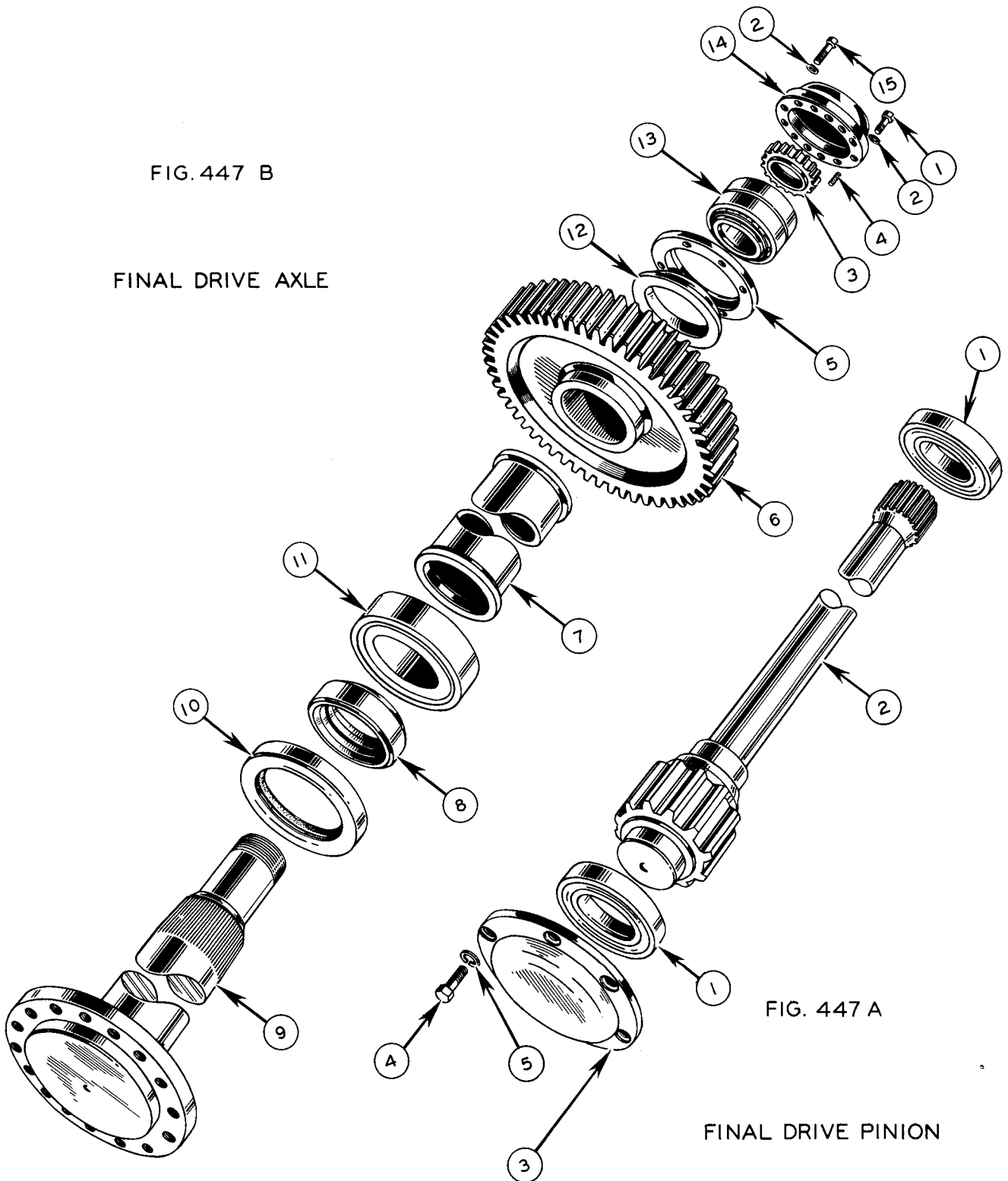


FIG. 447 A

FINAL DRIVE PINION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 447A

FINAL DRIVE PINION

Ref. No.	Part No.	Description	Qty.
1	SL-4859	BEARING	4
2	SL-7168	PINION - RIGHT	1
	SL-7167	PINION - LEFT	1
3	SL-5506	BEARING CAP	2
4	C-1678	CAPSCREW - 1/2" NF x 1 1/4"	12
5	C-1540	LOCKWASHER - 1/2"	12
QUANTITIES ARE FOR RIGHT & LEFT			

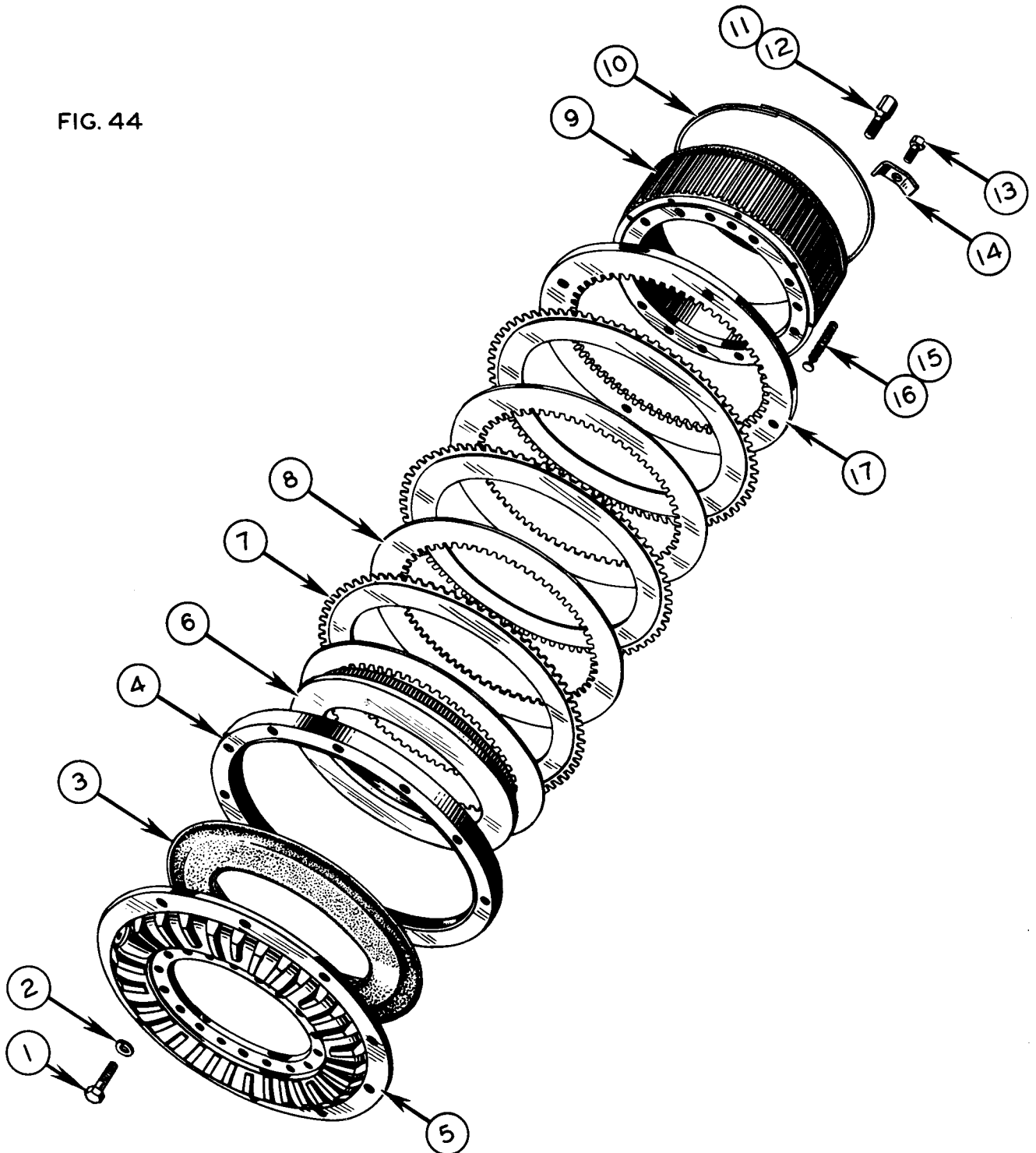
FIGURE 447B

FINAL DRIVE AXLE

1	H-3063	CAPSCREW - 1/2" NF x 1 1/2" DRILLED HEAD	12
2	H-738	WASHER, COPPER - 1/2"	24
3	SL-5518	NUT	2
4	SG-3840	PIPE PLUG - 1/16"	2
5	SL-5505	RETAINER	2
6	SL-6825	GEAR	2
7	SL-4893	SPACER	2
8	SL-7226	SEAL RING	2
9	SV-8034	AXLE	2
10	SL-6051	OIL SEAL	2
11	SD-9529	BEARING	2
12	SV-8033	SPACER	2
13	SV-8035	BEARING	2
14	SL-5507	BEARING CAP	2
15	SL-3951	CAPSCREW	12
QUANTITIES ARE FOR RIGHT & LEFT			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 44



AIR BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 44

AIR BRAKE

Ref. No.	Part No.	Description	Qty.
1	C-5801	CAPSCREW - 3/8" NF x 1"	12
2	C-312	LOCKWASHER - 3/8"	12
3	SV-249	DIAPHRAGM (Effective Thru Serial Suffix BPF3-B, BPF4 Thru BPF4-C and BPA4.)	1
	SR-9376	DIAPHRAGM (Effective With Serial Suffix BPF4-C and BPA4-A.)	1
4	SG-6005	RETAINER	1
5	SR-3852	PLATE	1
6	SR-9553	PRESSURE PLATE	1
7	DC-9048	DISC	7
8	DC-4208	DISC	7
9	CD-8003	HUB	1
10	CD-4282	SNAP RING	1
11	HC-8113	CAPSCREW	4
12	CD-2316	CAPSCREW	16
13	E-2728	CAPSCREW - 1/2" NC x 1"	4
14	CD-4460	RING GUARD	4
15	SR-9364	SPRING	8
16	DD-1913	RETAINER	8
17	CD-4459	BACKING PLATE	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

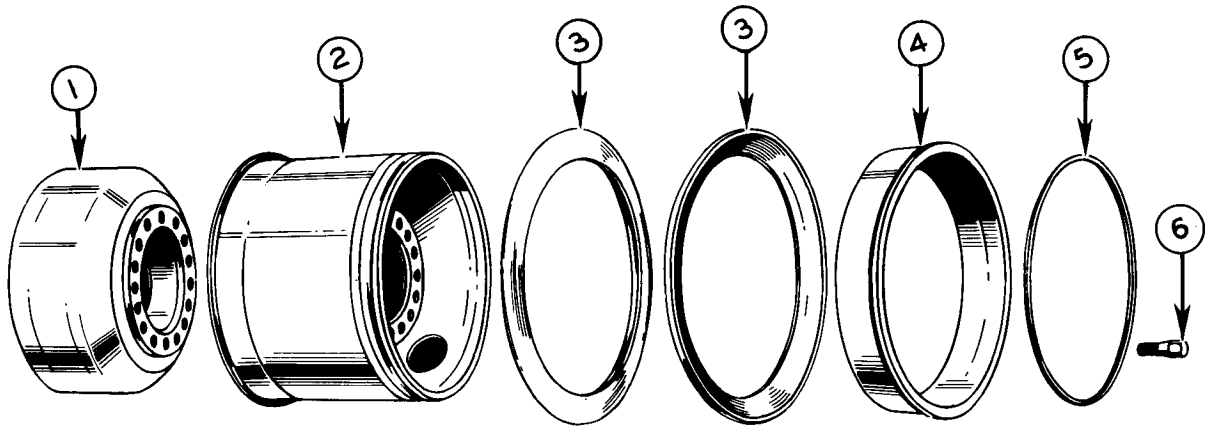


FIG. 433A
WHEEL

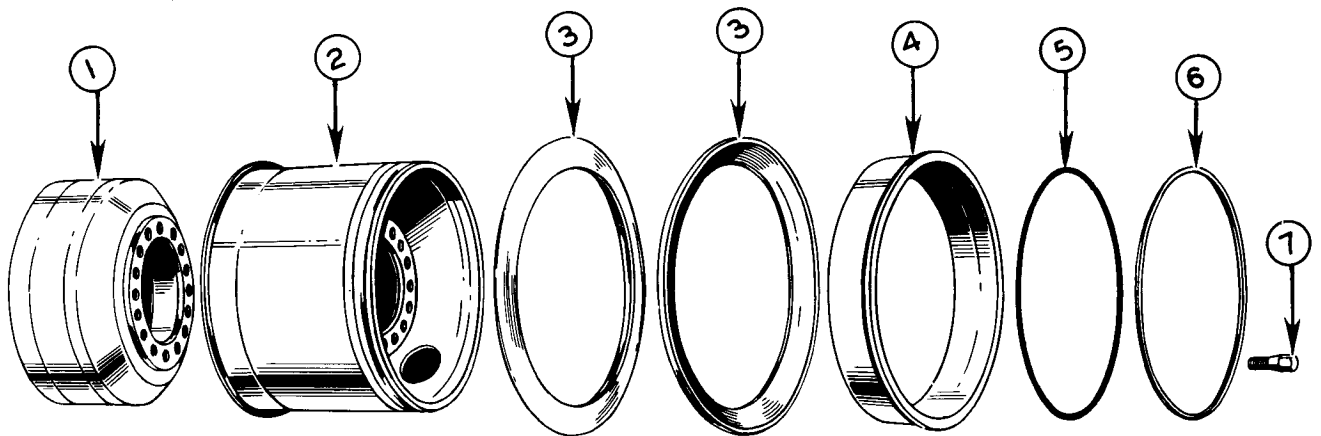


FIG. 433B
WHEEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 433A

27 x 33 WHEEL ASSEMBLY SR-1252

Ref. No.	Part No.	Description	Qty.
1	SL-5520	BRAKE DRUM (Not Included in Assembly)	1
2	SR-1260	WHEEL	1
3	SR-1254	FLANGE	2
4	SR-1255	BEAD SEAT BAND	1
5	SR-1256	LOCK RING	1
6	SL-4877	CAPSCREW (Not Included in Assembly)	16
(USED WITH TUBE TIRE) (STANDARD)			

FIGURE 433B

27 x 33 WHEEL ASSEMBLIES SV-8156 *
SV-8176 **

1	SL-5520	BRAKE DRUM (Not Included in Assemblies)	1
2	SV-8182	WHEEL *	1
	TD-6656	WHEEL **	1
3	SV-8180	FLANGE	2
4	SV-8178	BEAD SEAT BAND	1
5	SV-8177	"O" RING **	1
6	SV-8181	LOCK RING	1
7	SL-4877	CAPSCREW (Not Included in Assemblies)	16
NOT SHOWN			
	SV-5721	VALVE STEM **	1
	R-2028	PIPE PLUG - 3/4" **	1
* STANDARD - USED WITH TUBE TIRE ** OPTIONAL - USED WITH TUBELESS TIRE			

FIGURE 433A

30 x 33 WHEEL ASSEMBLIES SP-9545 *
SR-7741 **

1	SL-5520	BRAKE DRUM (Not Included in Assemblies)	1
2	SP-9544	WHEEL *	1
	SR-1260	WHEEL **	1
3	SP-9546	FLANGE	2
4	SR-1255	BEAD SEAT BAND	1
5	SR-1256	LOCK RING	1
6	SL-4877	CAPSCREW (Not Included in Assemblies)	16
* USED WITH REAR DUMP ** USED WITH SCRAPER			
(USED WITH TUBE TIRE) (OPTIONAL)			

FIGURE 433A

29.5 x 29 WHEEL ASSEMBLY SV-523

1	SL-5520	BRAKE DRUM (Not Included in Assembly)	1
2	SV-524	WHEEL	1
3	SV-529	FLANGE	2
4	SV-528	BEAD SEAT BAND	1
5	SV-530	LOCK RING	1
6	SL-4877	CAPSCREW (Not Included in Assembly)	16
(USED WITH TUBE TIRE) (OPTIONAL)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

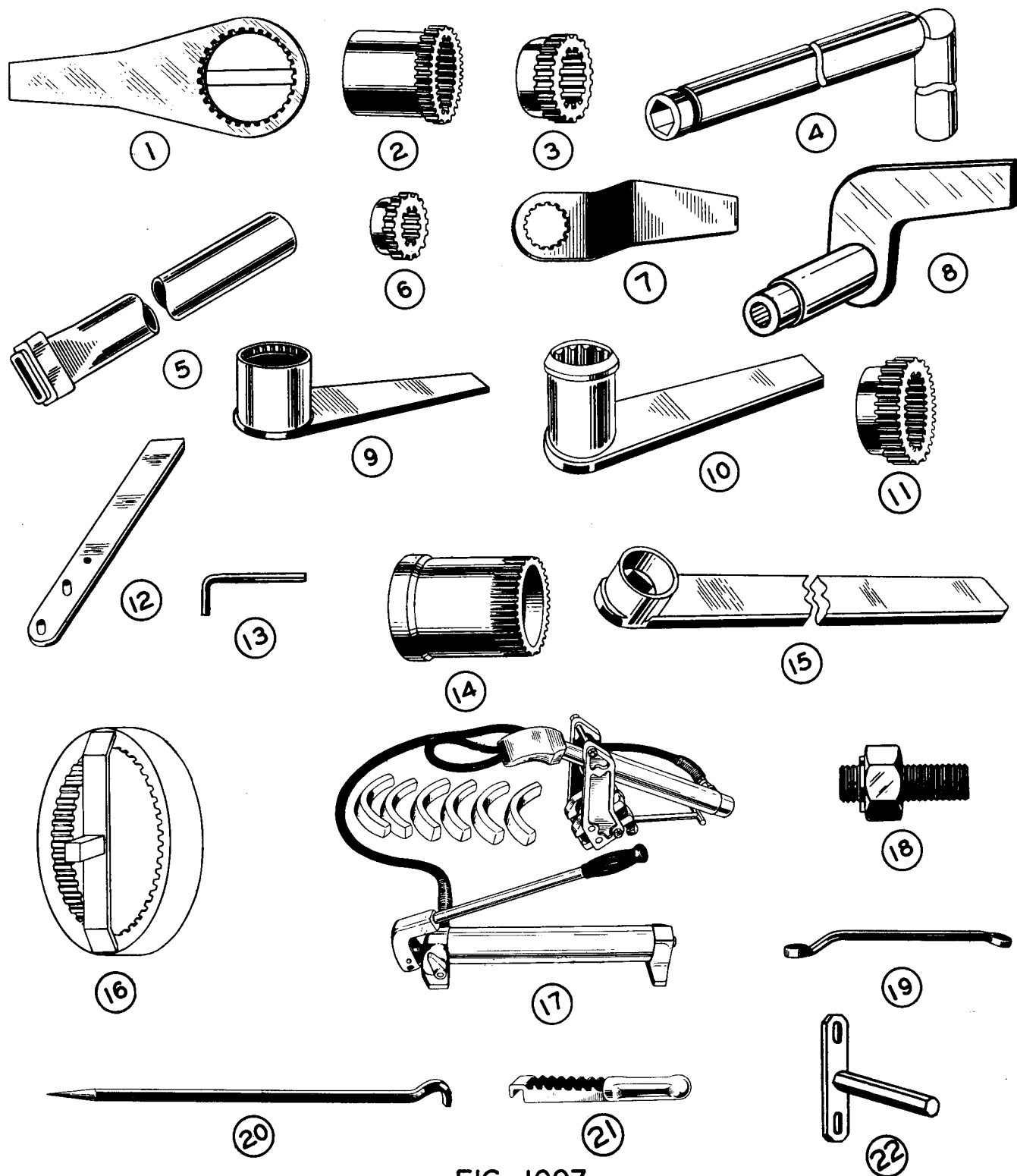


FIG. 1007

TOOLS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1007

TOOLS

Ref. No.	Part No.	Description	Qty.
1	DD-8163	WRENCH - 30 TOOTH SPLINE (For Axle Nut, Bevel Pinion, Generator Nut & #3 Gear Box Output Shaft Nut)	1
2	DD-7787	ADAPTOR - 30 TOOTH MALE & 25 TOOTH FEMALE SPLINE (For Axle Nut) .	1
3	DF-2849	ADAPTOR - 25 TOOTH MALE & 14 TOOTH FEMALE SPLINE (For Motor Retainer & Brake Hub Nut)	1
4	R-1023	WRENCH - 1 3/4" HEX (For Wheel Bolt)	1
5	SG-6117	WRENCH EXTENSION	1
6	DF-2848	ADAPTOR - 16 TOOTH MALE & 11 TOOTH FEMALE SPLINE (Use with DF-422)	1
7	DF-422	WRENCH HANDLE - 19 TOOTH SPLINE (For #3 Gear Box 1st Reduction Gear Nut)	1
8	TC-9930	WRENCH (Right Hand) } (For Steering Gear Capscrews)	1
	TD-4897	WRENCH (Left Hand) }	1
9	SH-1868	WRENCH - 42 TOOTH SPLINE (For Differential Adj. Nut)	1
10	SP-6323	WRENCH - 19 TOOTH SPLINE (For Bevel Pinion & #3 Gear Box 1st Reduction Gear Nut)	1
11	DD-9372	ADAPTOR - 30 TOOTH MALE & 22 TOOTH FEMALE SPLINE (For Generator Nut)	1
12	SG-3563	SPANNER WRENCH (For #3 Gear Box Bearing Retainer)	1
13	D-6058	ALLEN WRENCH - 1/2"	1
14	DD-7790	ADAPTOR - 30 TOOTH MALE & 30 TOOTH FEMALE SPLINE (For Bevel Pinion & #3 Gear Box Output Shaft Nut)	1
15	SL-8234	WRENCH - 1 5/8" SOCKET (For Kingpin Ball Cap)	1
16	TC-545	WRENCH - 42 TOOTH SPLINE (For Kingpin Top Nut)	1
17	TC-774	HYDRAULIC TIRE REMOVAL KIT (For Tubeless Tires)	1
	TC-775	HYDRAULIC TIRE REMOVAL KIT (For Tube Tires)	1
18	SF-5817	ADAPTOR - VALVE STEM	1
19	SF-6903	BOX WRENCH - 12 POINT, 7/8" x 1" (For Generator to Primary Flywheel) ..	1
20	SV-2568	BAR } (Tire Removal Tools)	1
21	SV-2567	RATCHET }	1
22	TC-9992	WRENCH (For Electric Motor Brake)	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

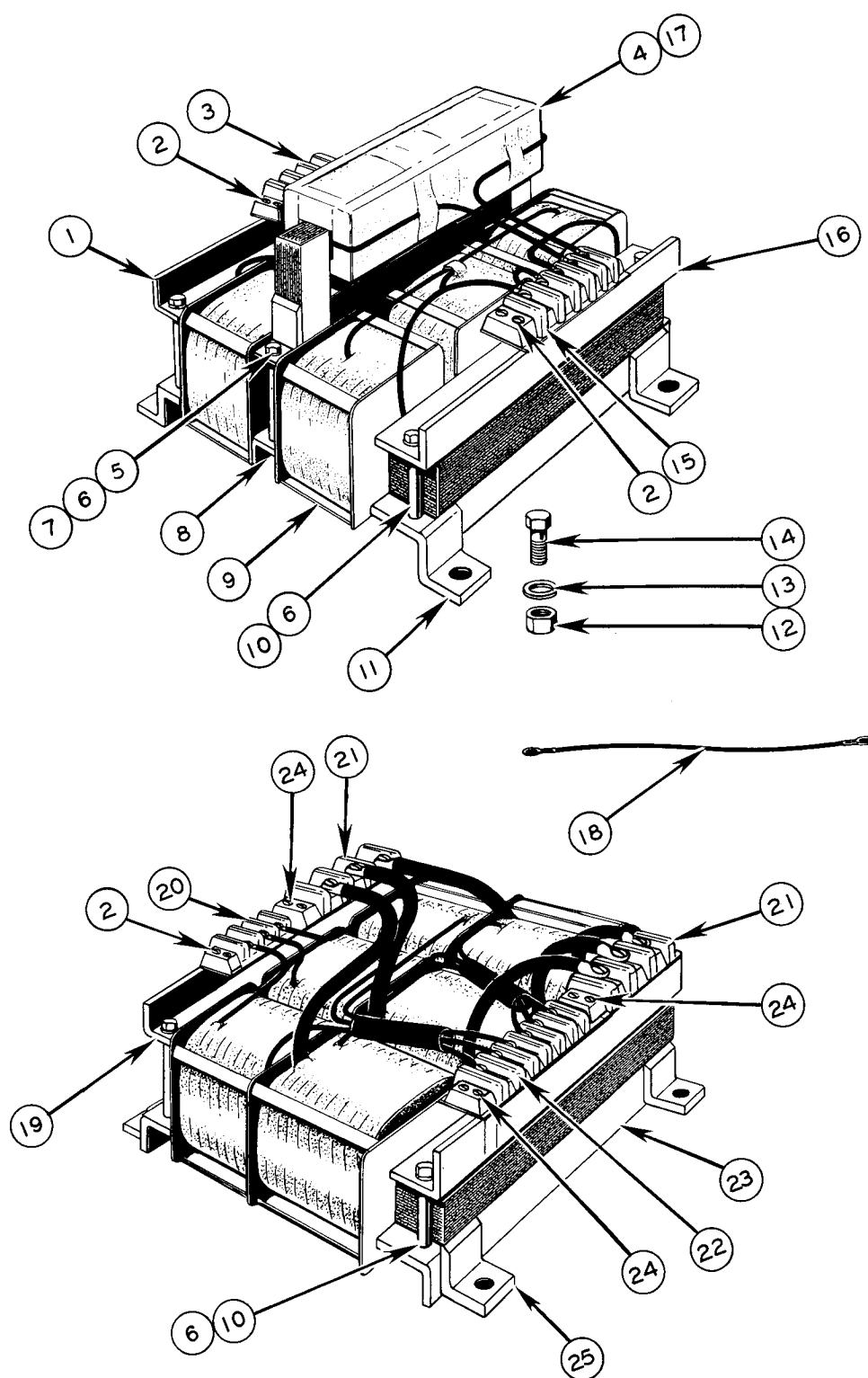


FIG. 46

TRANSFORMER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 46

TRANSFORMER

Ref. No.	Part No.	Description	Qty.
1	DH-9497	MOUNT ANGLE	1
2	SC-3544	SCREW - #8-32 x 3/4"	16
3	SV-1551	TERMINAL STRIP	1
	DH-9495	INSULATION	1
4	SR-1770	FLUX BRIDGE	1
5	SR-2055	CAPSCREW - 3/8" NC x 4"	2
6	C-312	LOCKWASHER - 3/8"	10
7	C-1521	NUT - 3/8" NC	4
8	SR-9291	CLAMP BLOCK	1
9	DH-7845	FLUX BRIDGE TRANSFORMER ASSEMBLY *	1
10	SR-2056	CAPSCREW - 3/8" NC x 3"	8
11	SR-1781	BASE CLAMP ANGLE	2
12	C-1613	CAPSCREW - 1/2" NC x 1 1/4"	8
13	C-1540	LOCKWASHER - 1/2"	8
14	C-1523	NUT - 1/2" NC	8
15	SR-8239	TERMINAL STRIP	1
	DH-9494	INSULATION	1
16	DH-9493	MOUNT ANGLE	1
17	DH-7099	SHIM - 1/16"	AS REQ'D
	DL-115	SHIM - 1/32"	AS REQ'D
18	SR-9268	WIRE, JUMPER	3
19	DH-9468	MOUNT ANGLE	1
20	SR-8238	TERMINAL STRIP	1
	DH-9473	INSULATION	1
21	SR-8245	TERMINAL STRIP	2
	DH-9471	INSULATION	2
22	SV-1554	TERMINAL STRIP	1
	DH-9472	INSULATION	1
23	DH-7840	VOLTAGE CONTROL TRANSFORMER ASSEMBLY **	1
24	DH-7453	SCREW - #10-24 x 1"	8
25	DH-6277	BASE CLAMP ANGLE	2
* INCLUDES REF. NOS. 1 THRU 8, 10, 11, 15 THRU 17.			
** INCLUDES REF. NOS. 2, 6, 10, 19 THRU 22, 25.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1014 A

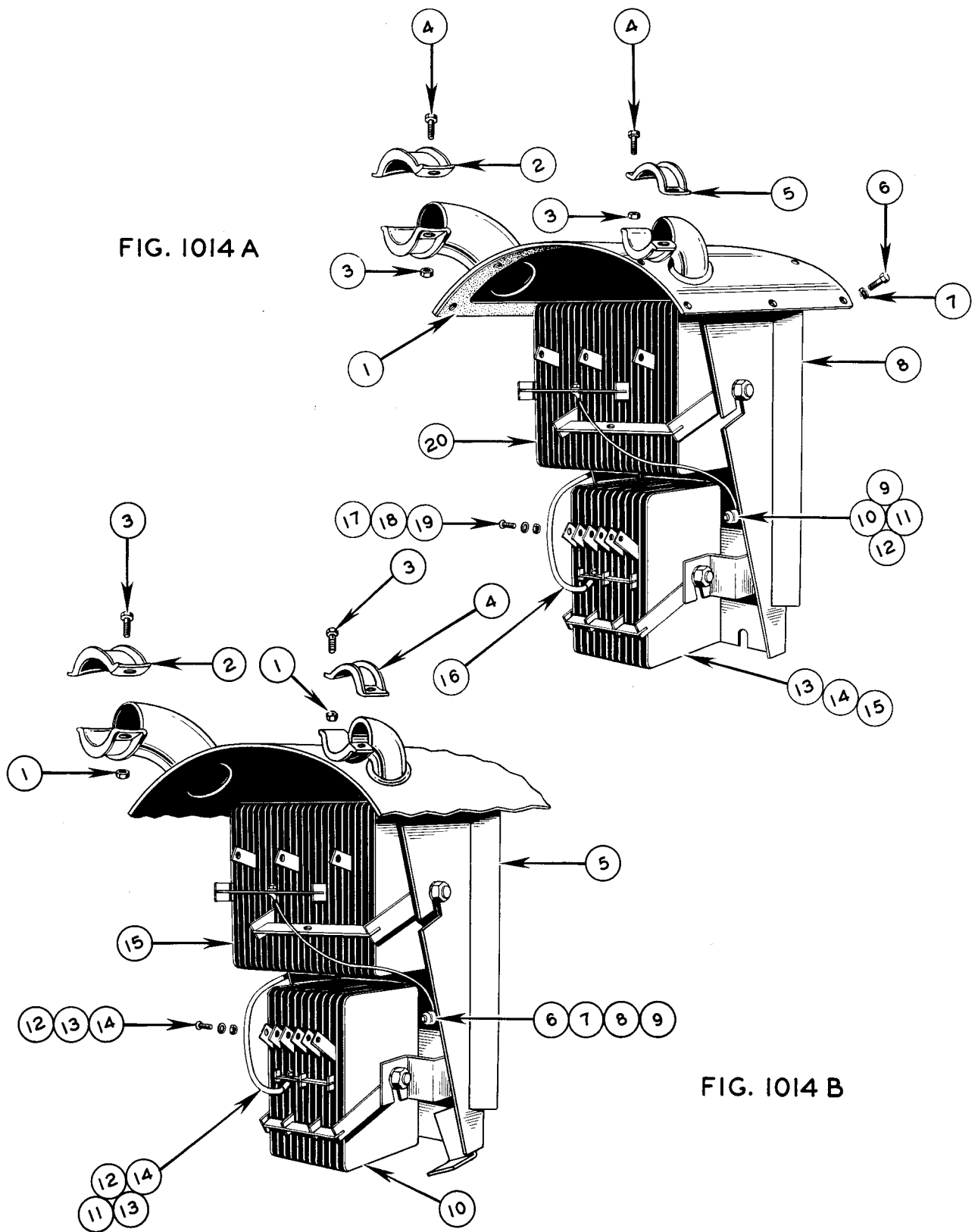


FIG. 1014 B

RECTIFIER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1014A

RECTIFIER ASSEMBLY TC-1411

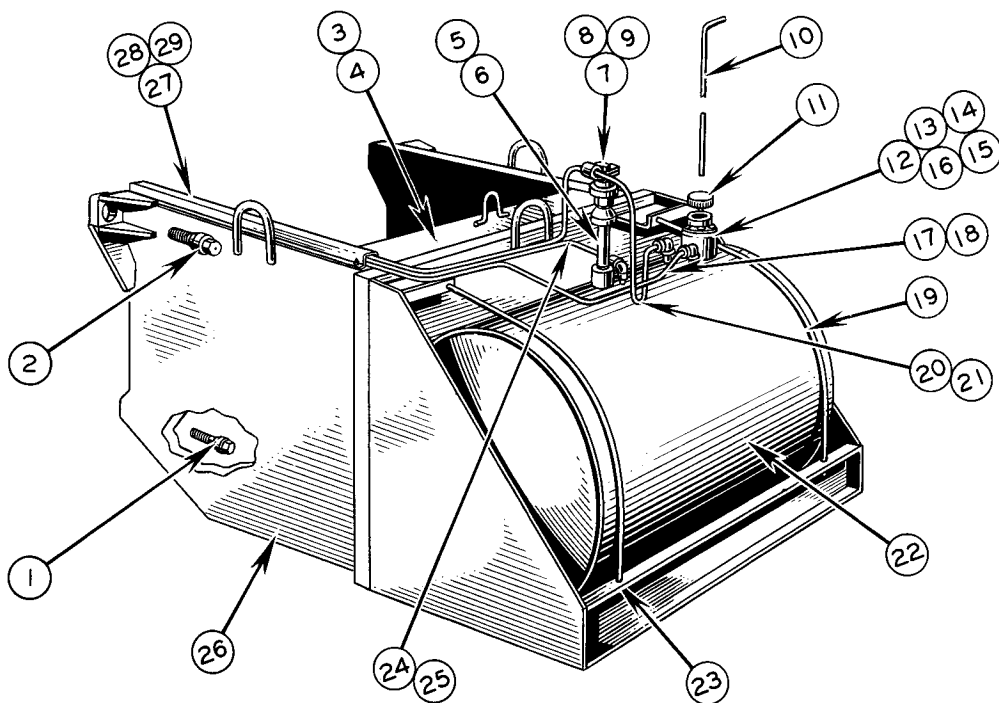
Ref. No.	Part No.	Description	Qty.
1	SV-9981	GASKET (Not Included in Assembly)	1
2	DF-1310	GROMMET	1
3	DF-1577	NUT - 1/4" NC	4
4	DF-1800	SCREW - 1/4" NC x 5/8"	4
5	DF-1311	GROMMET	1
6	C-3145	CAPSCREW - 1/4" NC x 5/8"	12
7	C-5774	LOCKWASHER - 1/4"	
8	TC-1410	HANGER	1
9	TC-2296	RESISTOR	1
10	DF-17	NUT - #10-24	1
11	DF-3445	FLATWASHER - #10	1
12	DH-2638	SCREW - #10-24 x 2 1/2"	1
13	SV-7164	RECTIFIER, MAIN	1
14	C-312	LOCKWASHER - 3/8"	4
15	DC-5004	SCREW - #12-24 x 1/2"	4
16	TC-2297	WIRE, GROUND	1
17	SF-5676	SCREW - #12-24 x 3/8"	10
18	R-8870	LOCKWASHER - #12	14
19	DC-9400	NUT - #12-24	14
20	TF-6796	RECTIFIER, BOOSTER	1
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-K & BPA4-F.)			

FIGURE 1014B

RECTIFIER ASSEMBLY TF-2636

1	DF-1577	NUT - 1/4" NC	4
2	DF-1310	GROMMET	1
3	DF-1578	SCREW - 1/4" NC x 1"	4
4	DF-1311	GROMMET	1
5	TF-2631	HANGER & HOUSING	1
6	TC-2296	RESISTOR	1
7	DF-17	NUT - #10-24	1
8	DF-3445	FLATWASHER - #10	1
9	DH-2638	SCREW - #10-24 x 2 1/2"	1
10	SV-7164	RECTIFIER, MAIN	1
11	TC-2297	WIRE, GROUND	1
12	SH-7597	SCREW - 1/4" NC x 3/8"	9
13	TD-1548	SCREW - 1/4" NC x 5/8"	5
14	TF-8473	NUT - 1/4" NC	14
15	TF-6796	RECTIFIER, BOOSTER	1
16	C-312	LOCKWASHER	4
(EFFECTIVE THRU SERIAL SUFFIX BPF4-L & BPA4-G.)			

FUEL TANK



FUEL TANK-COUNTERWEIGHT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 571A

FUEL TANK

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1544	Lockwasher - 1"	3	15	SR-2587	Breather	1
2	C-1723	Capscrew - 1" nf x 1 3/4"	2	16	SR-2588	Reducer - 3/4" x 3/8"	1
3	R-2028	Plug - 3/4"	1	17	SP-7815	Clamp, Loop	1
4	C-5806	Capscrew - 1" nf x 2 3/4"	1	18	DF-1577	Nut - 1/4" nc	1
5	SR-3504	Fuel Tank *	1	19	SR-3503	Guard	1
	SV-2747	Fuel Tank **	1	20	C-1602	Capscrew - 3/8" nc x 1" } *	6
	TD-7955	Fuel Tank ☉	1	21	C-312	Lockwasher - 3/8" } *	6
	TF-8033	Fuel Tank %	1	19	SV-2746	Guard	1
6	DH-2293	Filter	1	20	C-1629	Capscrew - 5/8" nc x 1 1/4" } **	4
7	R-5449	Gasket	2	21	C-1541	Lockwasher - 5/8" } **	4
8	SL-7334	Gage, Bayonet	1		C-1550	Flatwasher - 5/8" } *	4
9	R-6605	Cap	1	19	TD-7954	Guard	1
10	R-5507	Filler Neck	1	20	C-1602	Capscrew - 3/8" nc x 1" } ☉	9
11	H-2642	Screw, Machine - 3/16" nc x 1/2" .	6	21	C-312	Lockwasher - 3/8" } *	9
12	R-2634	Lockwasher - 3/16"	6	19	TG-1004	Guard	1
13	C-1532	Nut - 1" nf	1	20	C-7594	Capscrew - 5/8" nc x 1" } %	8
14	DH-4318	Nipple - 3/4" x 8 1/4"	1	21	C-1541	Lockwasher - 5/8" } *	8

* Eff. thru Serial Suffix BPF3-B & BPF4-G.
 ** Eff. thru Serial Suffix BPA4-C.
 ☉ Eff. with Serial Suffix BPF4-H & BPA4-D.
 % Eff. with Serial Suffix BPA4-H only.

See Index for Piping.

(Used with Scraper & Rear Dump)

FIGURE 571B

FUEL TANK - COUNTERWEIGHT

1	SL-7370	Hitch Bolt (Upper)	2	22	SP-9111	Fuel Tank	1
2	HD-4659	Hitch Bolt (Lower)	2	23	C-1523	Nut - 1/2" nc	4
3	SV-4504	Counterweight	1	24	SV-4507	Tube Assembly - 5/8" o.d. x 102" .	1
4	C-7645	Capscrew - 3/4" nc x 1 1/2"	4	25	SF-5249	Flex Elbow - #70 (Body only) ...	1
5	DH-4313	Nipple - 3/4" x 4 1/4"	1	26	TD-6349	Counterweight Box	1
6	SR-2588	Reducer - 3/4" x 3/8"	1	27	TD-6348	Cover, Tube	1
7	SR-2587	Breather	1	28	C-5780	Nut - 1/4" nc	12
8	SP-7815	Clamp, Loop	1	29	C-5774	Lockwasher - 1/4"	12
9	DF-1577	Nut - 1/4" nc	1			Not Shown	
10	SL-7334	Gage, Bayonet	1		R-2028	Pipe Plug - 3/4"	1
11	R-6605	Cap	1		H-8549	Flex Elbow - #69 (Body only) (3/8" tube) ...	1
12	DH-2293	Filter	1		HC-2477	Flex Elbow - #69 (Body only) (1/2" tube) ...	1
13	R-5449	Gasket	2		CC-6128	Flex Elbow - #69 (Body only) (5/8" tube) ...	1
14	H-2642	Screw, Machine - #10-24 x 1/2" ..	6		DD-8443	Flex Coupling - #66 (Body only) ..	1
15	R-5507	Filler Neck	1		SV-4510	Flex Coupling - #66 - 3/8" npt ..	1
16	R-2634	Lockwasher - #10	6		SV-4511	Flex Coupling - #66 - 1/2" npt ..	1
17	SP-9107	Tube Assembly - 3/8" o.d. x 124" .	1		TD-3811	Clamp, Tube	1
18	SF-4810	Flex Elbow - #70 (Body only)	1				
19	SL-7142	Rod	2				
20	SP-9323	Tube Assembly - 1/2" o.d. x 126" .	1				
21	SP-8127	Flex Elbow - #70 (Body only)	1				

(Used with Crane)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

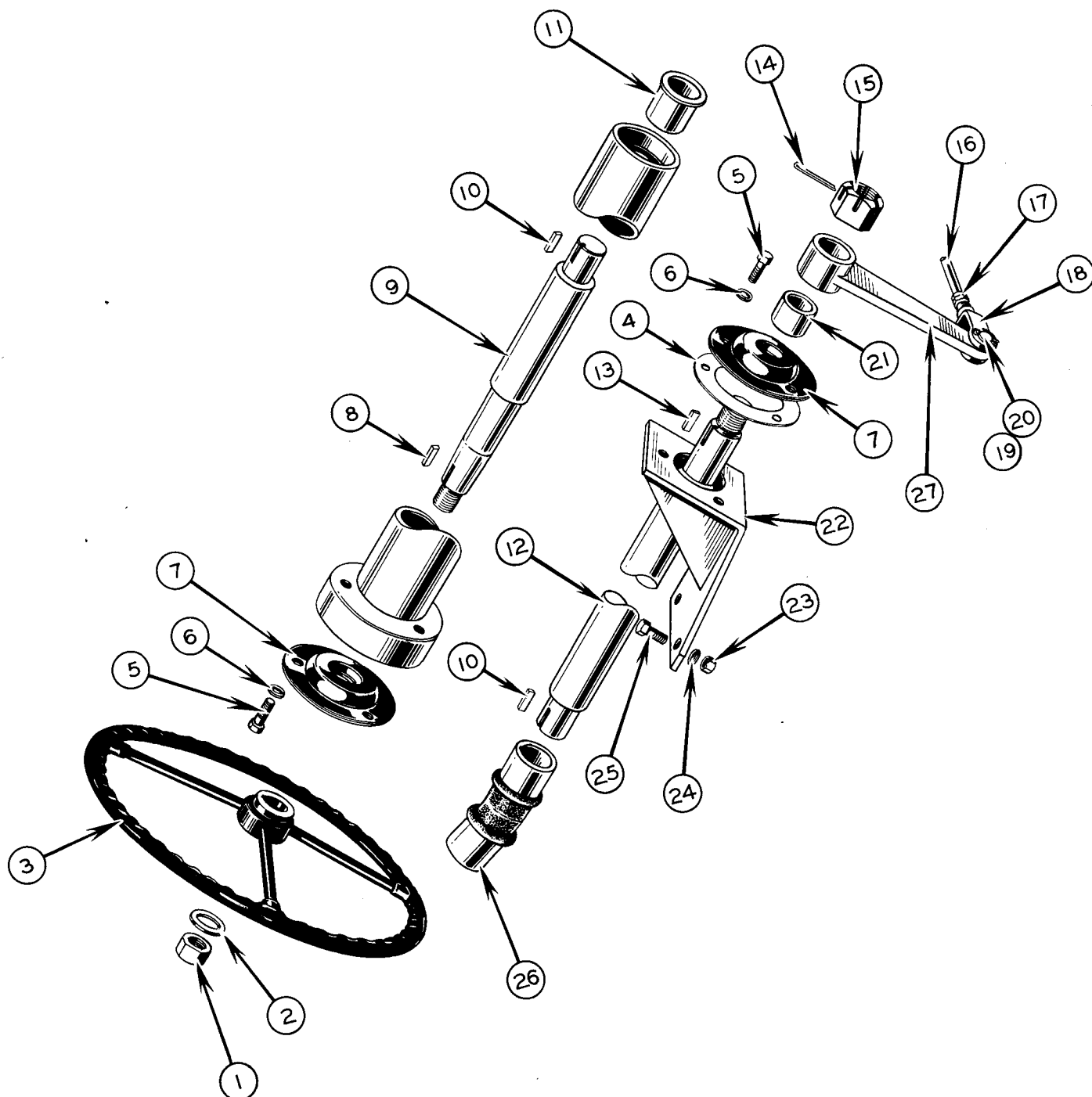


FIG. 50
STEERING COLUMN

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

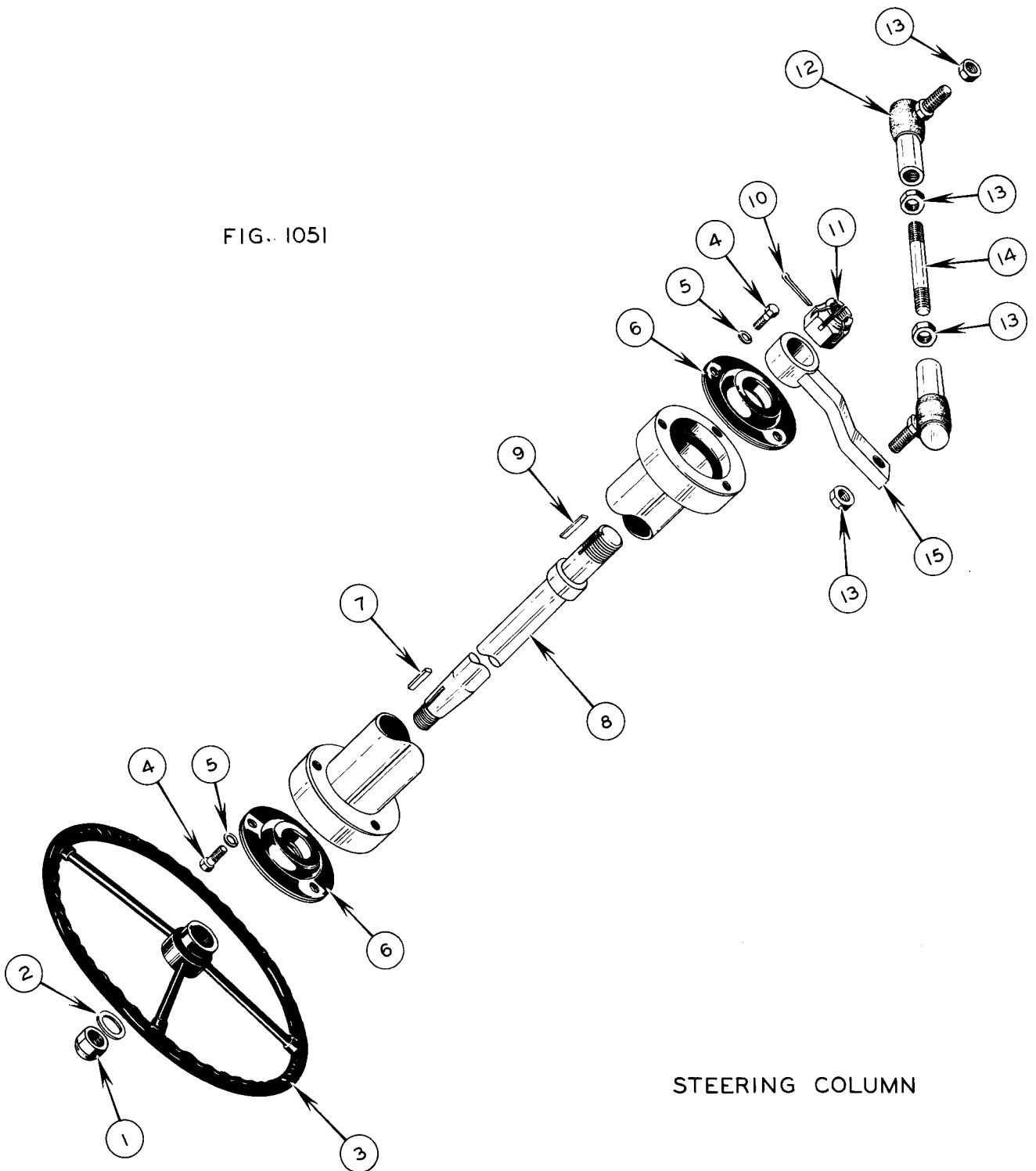
FIGURE 50

STEERING COLUMN

Ref. No.	Part No.	Description	Qty.
1	TF-2186	NUT - 9/16" NF	1
2	TF-2187	LOCKWASHER - 9/16"	1
3	SL-6709	STEERING WHEEL	1
4	SR-3758	SHIM	2
5	C-7567	CAPSCREW - 5/16" NF x 3/4"	6
6	C-1538	LOCKWASHER - 5/16"	6
7	SL-6525	BEARING	2
8	SP-9325	KEY - 3/16" x 1/4" x 15/16"	1
9	SP-4394	SHAFT - UPPER	1
10	SL-6283	KEY - 3/16" x 3/16" x 15/16"	2
11	SL-6710	BEARING	1
12	SR-2566	SHAFT - LOWER	1
13	R-3729	KEY - 3/16" x 1/4" x 15/16"	1
14	R-1057	COTTER PIN - 3/16" x 1 1/2"	1
15	D-5222	NUT - 3/4" NF CASTLE	1
16	SR-2571	ADJUSTING LINK	1
17	R-6864	NUT - 3/8" NF JAM	2
18	H-2224	YOKE	1
19	H-2220	PIN	2
20	H-745	COTTER PIN - 3/32" x 3/4"	2
21	SR-2572	SPACER	1
22	SR-2559	FRAME	1
23	C-1522	NUT - 3/8" NF	3
24	C-312	LOCKWASHER - 3/8"	3
25	C-5800	CAPSCREW - 3/8" NF x 1"	3
26	SP-8134	UNIVERSAL JOINT	1
27	SR-2568	LEVER	1
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-M & BPA4-J.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1051



STEERING COLUMN

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

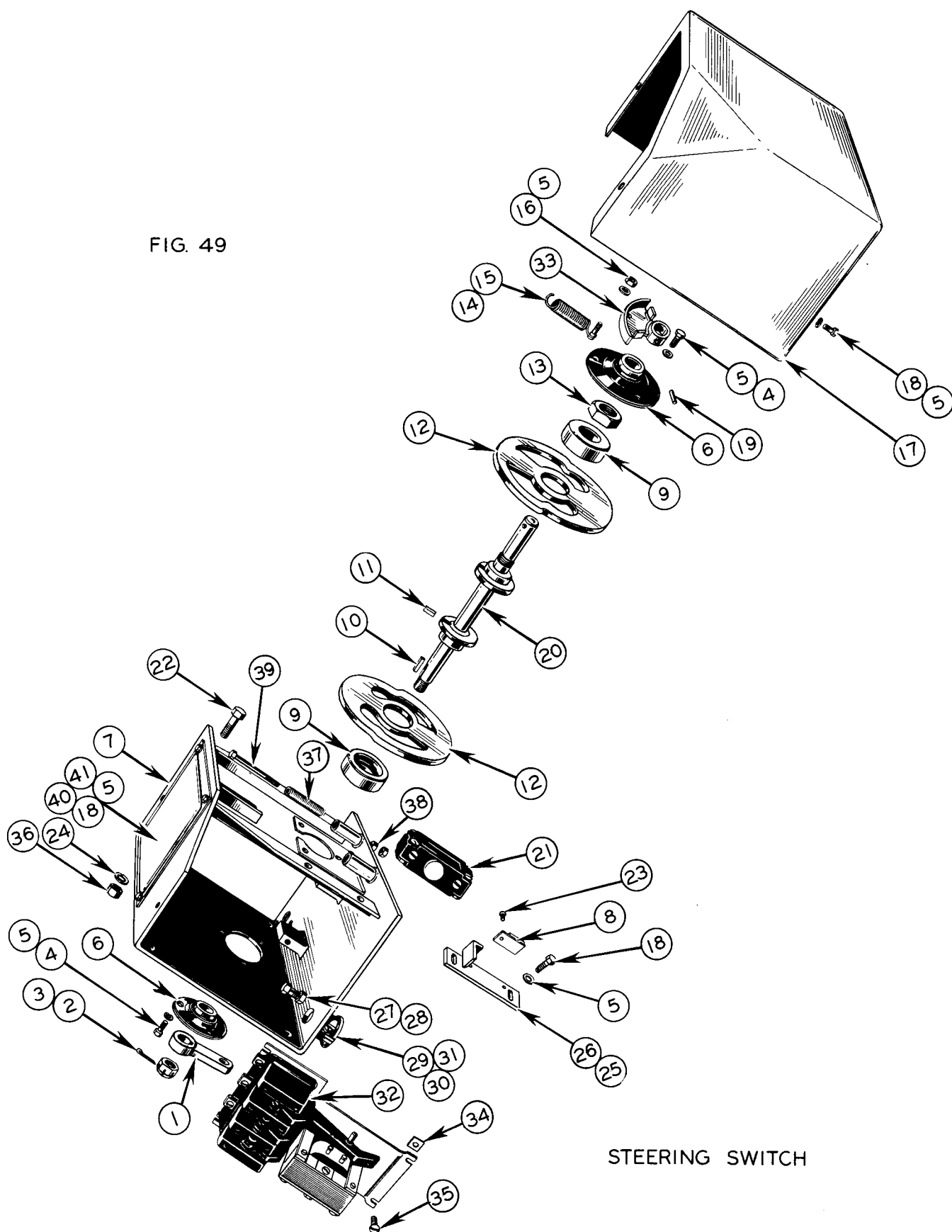
FIGURE 1051

STEERING COLUMN

Ref. No.	Part No.	Description	Qty.
1	TF-2187	CAP NUT	1
2	TF-2186	LOCKWASHER - 9/16"	1
3	SL-6709	WHEEL	1
4	C-7567	CAPSCREW - 5/16" NF x 3/4"	6
5	C-1538	LOCKWASHER - 5/16"	6
6	SL-6525	BEARING	2
7	SP-9325	KEY - 3/16" x 1/4" x 15/16"	1
8	TF-995	SHAFT	1
9	R-3729	KEY - 3/16" x 3/16" x 3/4"	1
10	D-1782	COTTER PIN - 3/16" x 2"	1
11	D-5222	NUT, CASTLE - 3/4" NF	1
12	TD-4474	BALL JOINT	2
13	C-1524	NUT - 1/2" NF	4
14	TF-7877	ROD	1
15	TF-579	LEVER	1
(EFFECTIVE WITH SERIAL SUFFIX BPF4-N & BPA4-K.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 49



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

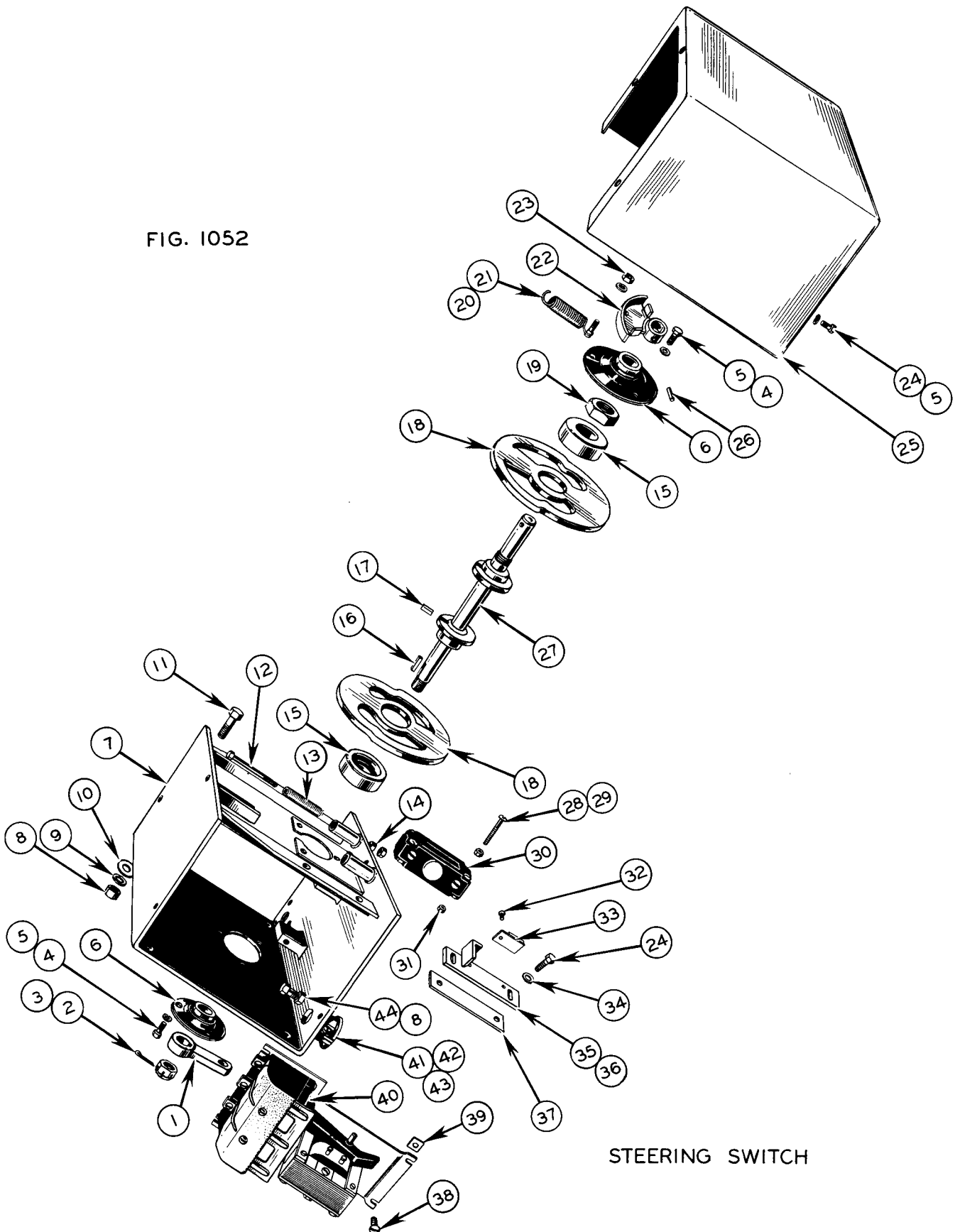
FIGURE 49

STEERING SWITCH BOX

Ref. No.	Part No.	Description	Qty.
1	SR-1391	LEVER	1
2	R-7373	NUT - 1/2" NC	1
3	C-2303	COTTER PIN - 1/8" x 1"	1
4	H-5768	CAPSCREW - 1/4" NF x 1/2"	6
5	C-5774	LOCKWASHER - 1/4"	19
6	SL-6712	BEARING	2
7	SR-6572	SWITCH BOX	1
8	DH-6695	WEAR PLATE ASSEMBLY	2
9	DH-4934	SPACER	2
10	SL-6282	KEY	1
11	DH-4939	KEY	2
12	DH-4942	CAM	2
13	F-5005	NUT, JAM - 3/4" NF	1
14	SP-4399	SPRING	1
15	DH-3745	PIVOT PIN ASSEMBLY	2
16	DD-2464	NUT - 1/4" NC	2
17	DH-4179	COVER	1
18	H-8136	CAPSCREW - 1/4" NC x 1/2"	10
19	SL-6172	ROLL PIN	1
20	DH-4938	PIVOT SHAFT	1
21	DF-5856	SWITCH	2
	DL-423	SCREW - #6-32 x 1 3/16"	4
	DD-2468	NUT - #6-32	4
	DH-321	NUT, SPACER - #6-32	4
22	C-1601	CAPSCREW - 3/8" NC x 3/4"	4
23	R-6989	SCREW - #6-32 x 1/4"	4
24	C-312	LOCKWASHER - 3/8"	4
25	SV-9193	MOUNT BRACKET - RIGHT	1
26	SV-9194	MOUNT BRACKET - LEFT	1
	SV-9190	INSULATOR	2
27	C-5801	CAPSCREW - 3/8" NF x 1 1/4"	2
28	C-1522	NUT - 3/8" NF	2
29	DF-1311	GROMMET	2
30	DF-1800	CAPSCREW - 1/4" NC x 3/4"	4
31	DF-1577	NUT - 1/4" NC	4
32	TC-9982	CONTACTOR ASSEMBLY - R.H. (See Index)	1
	TC-9983	CONTACTOR ASSEMBLY - L.H. (See Index)	1
33	SP-9147	CAM	1
34	SL-8606	SHIM	AR
35	H-5767	CAPSCREW - 1/4" NF x 3/8"	8
36	C-1521	NUT - 3/8" NC	4
37	SP-9144	SPRING	2
38	C-5780	NUT - 1/4" NC	4
39	DC-6306	CAPSCREW - 1/4" NC x 3 3/4"	2
40	SR-9408	COVER	1
41	SR-9409	GASKET	1
NOT SHOWN			
	DH-4933	ROLL PIN	2
	SR-9260	JUMPER WIRE - TOP & BOTTOM	3
	SR-9262	JUMPER WIRE - TOP	2
	SR-9258	JUMPER WIRE - BOTTOM	1
	DH-6261	WIRE - SWITCH TO COIL	2
	DH-6684	WIRE - COMMON TO SWITCHES	1
	C-3145	CAPSCREW - 1/4" NC x 5/8"	2
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-L & BPA4-J.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1052



STEERING SWITCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1052

STEERING SWITCH

Ref. No.	Part No.	Description	Qty.
1	TF-988	LEVER	1
2	R-7373	NUT, CASTLE - 1/2" NF	1
3	C-2303	COTTER PIN - 1/8" x 1"	1
4	TF-3932	BOLT, SHOULDER	6
5	C-5774	LOCKWASHER - 1/4"	9
6	TF-3939	BEARING	2
	TF-3934	FLANGE, BEARING	4
7	DH-6655	SWITCH BOX	1
8	C-1522	NUT - 3/8" NF	4
9	C-312	LOCKWASHER - 3/8"	4
10	DF-3042	FLATWASHER	2
11	C-5800	CAPSCREW - 3/8" NF x 1"	4
12	DC-6306	CAPSCREW - 1/4" NC x 3 3/4"	2
13	SP-9144	SPRING	2
14	C-5780	NUT - 1/4" NC	4
15	DH-4934	SPACER	2
16	SL-6282	KEY	1
17	DH-4939	KEY, CAM PLATE	2
	DH-4933	ROLL PIN - 3/32" x 3/8"	2
18	DH-4942	CAM PLATE	2
19	F-5005	NUT, JAM - 3/4" NF	1
20	SP-4399	SPRING	1
21	TC-5261	PIVOT PIN ASSEMBLY	2
22	TC-3399	CAM	1
23	DD-2464	NUT - 1/4"	2
24	H-8136	CAPSCREW - 1/4" NC x 1/2"	7
25	DH-6673	COVER	1
26	SL-6172	ROLL PIN - 3/16"	1
27	DH-6548	SHAFT	1
28	DL-423	SCREW - #6-32 x 1 3/16"	4
29	DD-2468	NUT - #6-32	4
30	DF-5856	SWITCH	2
31	DH-321	NUT, SPACER - #6-32	4
32	R-6989	SCREW - #6-32 x 1/4"	4
33	DH-6695	WEAR PLATE	2
34	DC-5421	FLATWASHER - 1/4"	4
35	SV-9193	MOUNT BRACKET - RIGHT	1
36	SV-9194	MOUNT BRACKET - LEFT	1
37	SV-9190	INSULATOR	2
38	H-5768	CAPSCREW - 1/4" NF x 1/2"	8
39	SL-8606	SHIM - 1/32"	AR
40	TC-5593	CONTACTOR ASSEMBLY - L.H. (See Index)	1
	TC-5594	CONTACTOR ASSEMBLY - R.H. (See Index)	1
41	DF-1310	GROMMET, CABLE	1
42	DF-1578	CAPSCREW - 1/4" NC x 1"	2
43	DF-1577	NUT - 1/4" NC	2
44	C-5801	CAPSCREW - 3/8" NF x 1 1/4"	2
(EFFECTIVE WITH SERIAL SUFFIX BPF4-N & BPA4-K.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

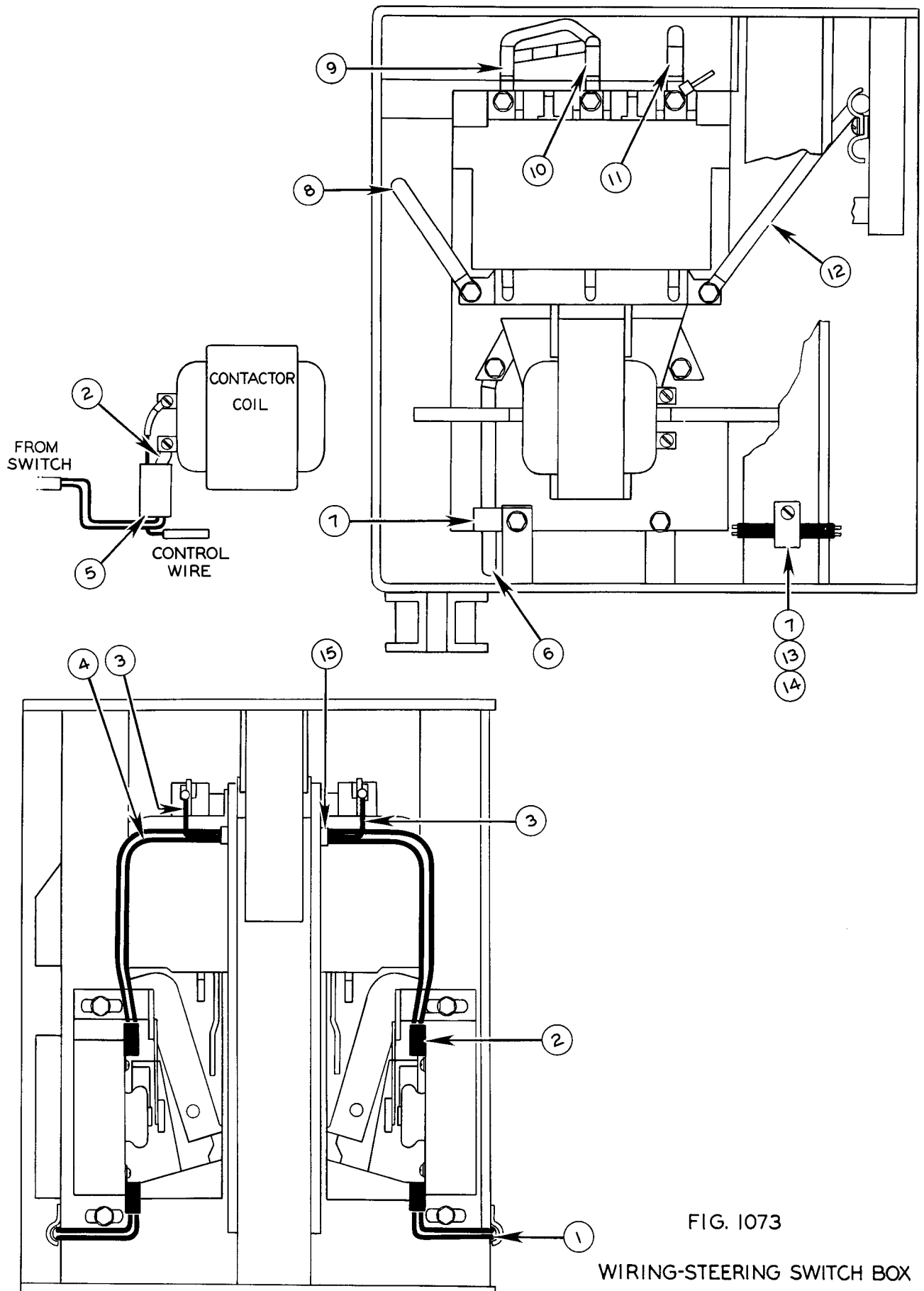


FIG. 1073

WIRING-STEERING SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1073

WIRING - STEERING SWITCH BOX

Ref. No.	Part No.	Description	Qty.
1	TD-6020	WIRE, JUMPER	4
2	TD-6029	SLEEVE, INSULATING	6
3	TD-6027	WIRE, JUMPER	2
4	TD-6025	WIRE, JUMPER	1
5	TD-6028	SLEEVE, INSULATING	2
6	TD-6031	WIRE, JUMPER	1
7	SG-5696	JIFFY CLAMP - 1/8"	7
	SD-7388	JIFFY CLAMP - 3/4"	1
8	TD-6021	WIRE, JUMPER	1
9	TD-6016	WIRE, JUMPER	1
10	TD-6018	WIRE, JUMPER	1
11	TD-6014	WIRE, JUMPER	1
12	TD-6023	WIRE, JUMPER	1
13	H-7997	MACHINE SCREW - 1/4" NC x 1/2"	4
14	C-5774	LOCKWASHER - 1/4"	4
15	TD-6030	INSULATOR	3
(EFFECTIVE WITH SERIAL SUFFIX BPF4-N & BPA4-K.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

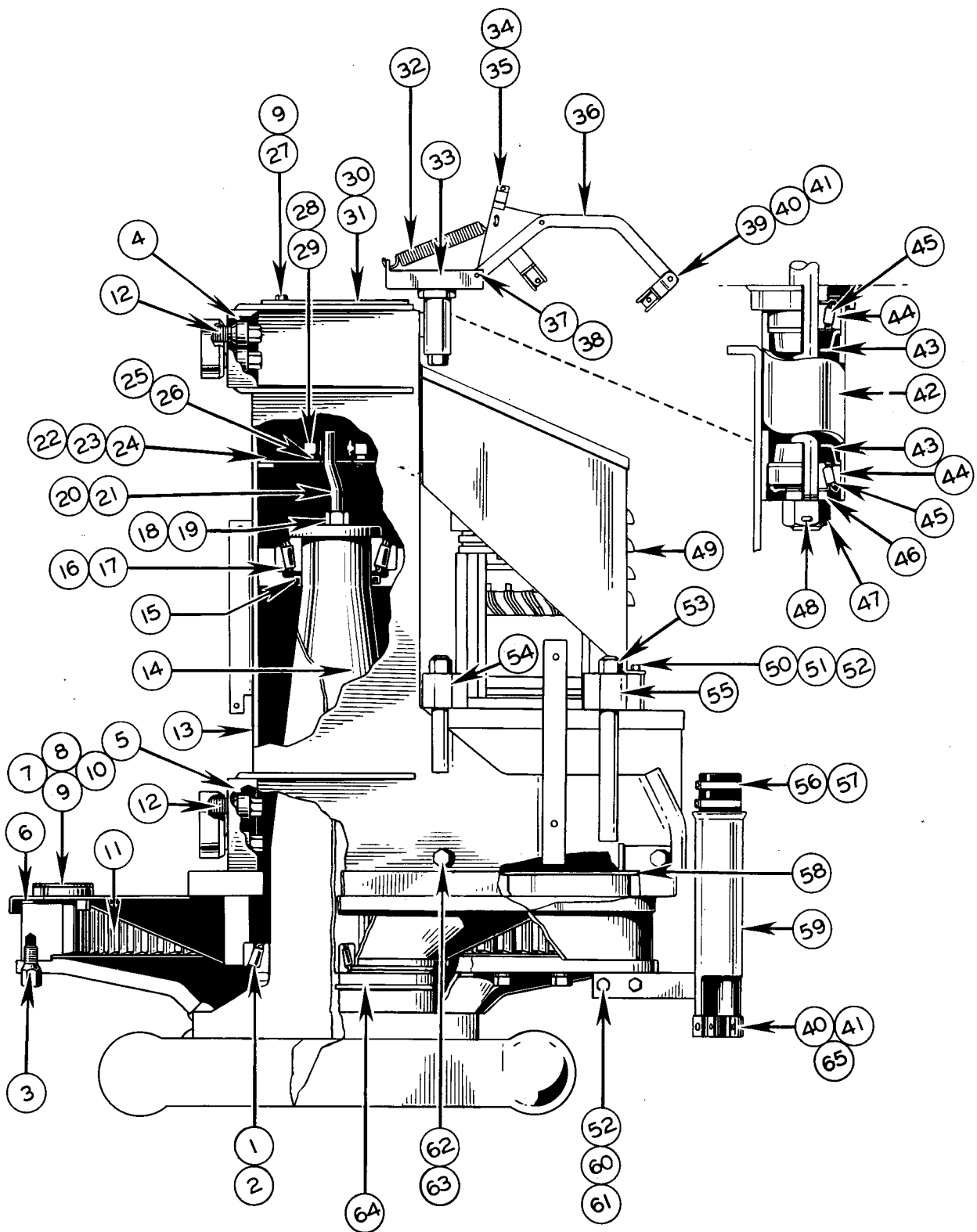


FIG. 1008

STEERING TRUNNION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1008

STEERING TRUNNION

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SL-5568	Bearing Cup	1	35	SF-9857	Nut - #12-24	2
2	SL-5569	Bearing Cone	1	36	SV-2481	Cable Hanger *	1
3	CD-3905	Capscrew	24		TD-8477	Cable Hanger @	1
4	SV-9122	Bolt Plug (Upper)	2	37	SV-2484	Pivot Pin	1
5	SV-9121	Bolt Plug (Lower)	2	38	SV-2483	Roll Pin - 1/8" x 5/8"	1
6	SL-7112	Seal Ring	1	39	SP-6234	Cable Grommet	2
7	CC-6018	Cap	1	40	DF-1800	Capscrew - 1/4" nc x 1"	6
8	CC-6145	Gasket	1	41	DF-1577	Nut - 1/4" nc	6
9	C-312	Lockwasher - 3/8"	8	42	TD-8451	Tube Assembly	1
10	H-8524	Capscrew - 3/8" nc x 3/4" ...	4		TD-8452	Tube	1
11	TC-6174	Gear	1	43	TD-8454	Closure	2
12	TF-2581	Capscrew (Special)	14	44	TD-8453	Bearing Cup	2
13	TD-4087	Housing *	1	45	TD-8455	Bearing & Seal Assembly } %	2
	TD-7075	Housing **	1	46	TD-8457	Spacer	1
	TF-1417	Housing @	1	47	R-6596	Nut	1
	TD-8474	Housing #	1	48	E-4132	Cotter Pin - 1/8" x 2"	1
14	SV-6687	King Pin & Ball	1	42	TD-7086	Tube	1
15	L-58	Oil Seal	1	43	TD-7085	Closure	2
16	D-3184	Bearing Cone	1	44	D-4432	Bearing Cup	2
17	D-2562	Bearing Cup	1	45	D-4429	Bearing Cone } %	2
18	SL-5566	Locknut	1	46	D-4431	Oil Seal	2
19	SG-3840	Pipe Plug - 1/16"	1	47	TD-7081	Nut	1
20	DF-7355	Cam	1	48	C-1949	Cotter Pin - 1/4" x 3"	1
21	C-1531	Nut - 1" nc	1	49	TD-6991	Motor Cover ¢	1
22	SL-7220	Support Plate	1		TF-1410	Motor Cover \$	1
23	C-5747	Capscrew - 5/16" nc x 3/4" ...	4	50	C-1611	Capscrew - 1/2" nc x 3/4" ...	1
24	C-1538	Lockwasher - 5/16"	4	51	DD-5640	Flatwasher - 1/2"	1
25	TC-1856	Clamp Plate (top)	1	52	C-1540	Lockwasher - 1/2"	3
26	SR-3757	Clamp Plate (bottom)	1	53	C-1533	Nut - 1 1/4" nc	4
27	C-1602	Capscrew - 3/8" nc x 1"	4	54	SL-7216	Bar (Rear)	1
28	DF-5856	Switch	2	55	TF-1403	Bar (Front) (with cab) *	1
	TC-1854	Insulating Panel (front)	2		TD-7567	Bar (Front) ¢	1
	TC-1855	Insulating Panel (rear)	2		TF-1421	Bar (Front) \$	1
	SV-8991	Screw - #6-32 x 1 1/4"	4	56	SR-2599	Air Line Wrap	3
	DH-321	Nut - #6-32	4	57	H-2676	Hose Clamp	6
29	C-7588	Capscrew - 1/4" nc x 1"	4	58	SR-6571	"O" Ring	1
30	S-5550	Cover	1	59	SR-3251	Cable & Hose Holder	1
31	SL-5573	Gasket	1	60	C-1615	Capscrew - 1/2" nc x 1 3/4" ...	2
32	SD-1981	Spring	1	61	C-1523	Nut - 1/2" nc	2
33	SV-2482	Channel	1	62	TD-9145	Capscrew - 1" nc x 3"	4
	D-1782	Cotter Pin - 3/16" x 2" } * ...	1	63	C-5785	Nut, Jam - 1" nc	4
	TD-7077	Channel %	1	64	SL-5565	Shoulder Ring	1
	TD-8459	Channel %	1	65	SR-1381	Cable Clamp	1
34	SC-4510	Screw - #12-24 x 5/8"	2				

- Notes: * Effective thru Serial Suffix BPF3-B, BPF4-G & BPA4-C.
 ** Effective with Serial Suffix BPF4-H thru BPF4-J, BPA4-D Only.
 % Effective with Serial Suffix BPF4-K, BPA4-E & BPA4-F Only.
 # Effective with Serial Suffix BPF4-L & BPA4-G.
 % Effective with Serial Suffix BPF4-H thru BPF4-J, BPA4-D thru BPA4-F.
 % Effective with Serial Suffix BPF4-K & BPA4-G.
 @ Effective with Serial Suffix BPF4-H & BPA4-D.
 ¢ Effective thru Serial Suffix BPF3-B, BPF4-J & BPA4-D.
 \$ Effective with Serial Suffix BPF4-K & BPA4-E.

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

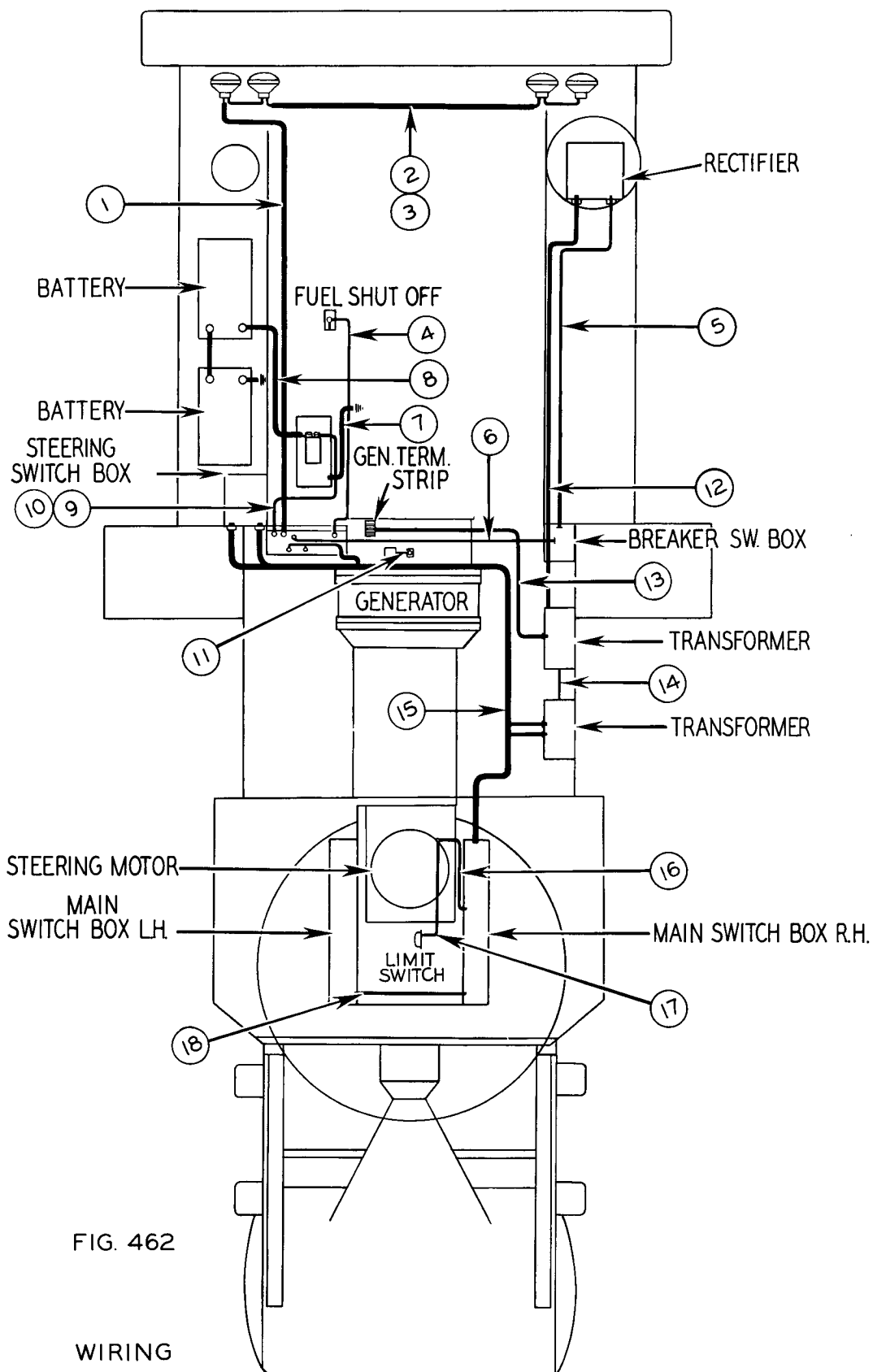


FIG. 462

WIRING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 462

WIRING - GENERAL

Ref. No.	Part No.	Description	Qty.
1	TC-1645	CABLE - HEADLIGHT	1
2	TC-2256	CABLE - BETWEEN HEADLIGHTS	1
3	DC-5036	JIFFY CLAMP	2
4	SP-9118	CABLE - OIL PRESSURE SW. TO FUEL SHUT-OFF (Cummins Engine)	1
	SV-1399	CABLE - OIL PRESSURE SW. TO FUEL SHUT-OFF (GM Engine)	1
5	TC-5164	CABLE - D.C. BREAKER SWITCH TO RECTIFIER (Effective thru Serial Suffix BPF3-B, BPF4-M & BPA4-J.)	1
	TF-8465	CABLE - D.C. BREAKER SWITCH TO RECTIFIER (Eff. with Serial Suffix BPF4-N & BPA4-K.)	1
6	TC-4834	CABLE - D.C. BREAKER SWITCH TO INST. PANEL (Eff. thru Serial Suffix BPF3-B, BPF4-E & BPA4-A.)	1
	TC-4837	CABLE - D.C. BREAKER SWITCH TO INST. PANEL (Eff. with Serial Suffix BPF4-F thru BPF4-M, BPA4-B thru BPA4-J.)	1
	TG-1347	CABLE - D.C. BREAKER SWITCH TO INST. PANEL (Eff. with Serial Suffix BPF4-N & BPA4-K.) ...	1
7	SP-2317	CABLE - STARTER MOTOR GROUND	1
8	TC-2268	CABLE - BATTERY TO STARTER MOTOR SOLENOID	1
9	TC-2272	CABLE - STARTER BUTTON TO STARTER SOLENOID, AMMETER TO BATTERY.	1
10	SV-4790	CLAMP	1
11	TC-2270	WIRE - QU. REL. VALVE SW. TO CONTROL SW. (Scraper Only)	1
12	TC-5167	CABLE - TRANSFORMER TO RECTIFIER (Eff. thru Serial Suffix BPF3-B, BPF4-G & BPA4-A.)	1
	TC-2252	CABLE - TRANSFORMER TO RECTIFIER (Eff. with Serial Suffix BPF4-H thru BPF4-M, BPA4-B thru BPA4-J.) ...	1
	TF-4868	CABLE - TRANSFORMER TO RECTIFIER (Eff. with Serial Suffix BPF4-N & BPA4-K.)	1
13	TC-2250	CABLE - GENERATOR TO TRANSFORMER	1
14	SR-9268	WIRE, JUMPER - BETWEEN TRANSFORMERS	3
15	TC-2261	MAIN CABLE ASSEMBLY (Eff. thru Serial Suffix BPF3-B & BPA4-E.)	1
	TC-6949	MAIN CABLE ASSEMBLY (Eff. with Serial Suffix BPF4-F & BPF4-G Only.) ..	1
	TC-6911	MAIN CABLE ASSEMBLY (Eff. thru Serial Suffix BPA4-A.)	1
	TC-6940	MAIN CABLE ASSEMBLY (Eff. with Serial Suffix BPF4-H thru BPF4-M, BPA4-B thru BPA4-J.)	1
	TG-1340	MAIN CABLE ASSEMBLY (Eff. with Serial Suffix BPF4-N & BPA4-K.)	1
16	TC-2259	CABLE - STEERING MOTOR	1
17	TC-2266	CABLE - STEERING MOTOR LIMIT SWITCH	1
18	TC-2299	CABLE - BETWEEN SWITCH BOXES (Scraper & Crane Only)	1
NOT SHOWN			
	HE-9316	CAT CLIP - TRANSFORMER CABLE	1
	C-5780	NUT - 1/4" NC	1
	C-5774	LOCKWASHER - 1/4"	1
NOTE: FOR BALANCE OF WIRING SEE LIGHT - SCRAPER, INSTRUMENT PANELS, BATTERY BOX, GENERATOR - A.C., TRANSFORMER, RECTIFIER, SWITCH BOX - MAIN, D.C. BREAKER & STEERING, WINDSHIELD WIPER & DEFROSTER FAN AND CAB HEATER.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

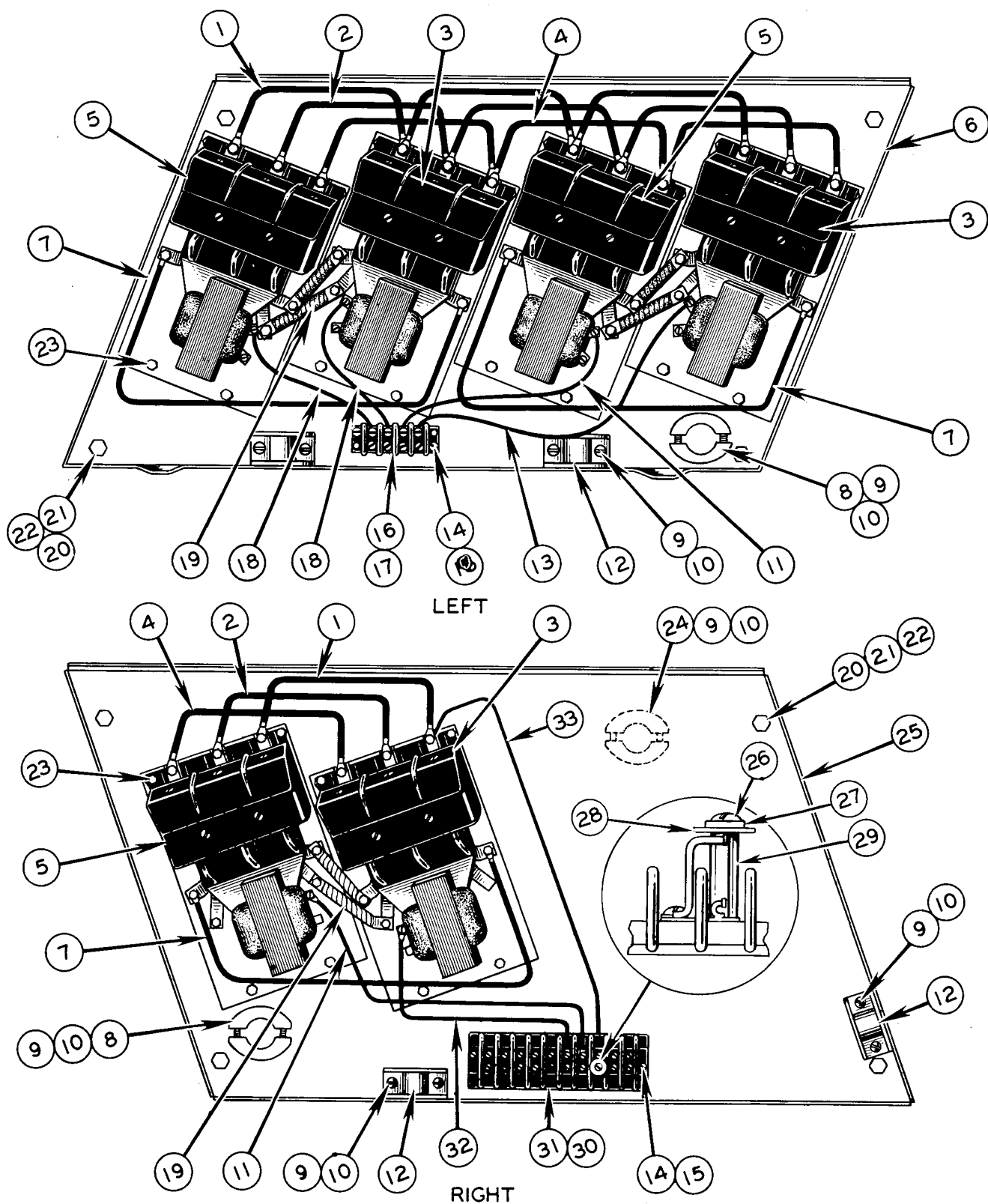


FIG. 1079

SWITCH BOX - MAIN

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1079

SWITCH BOX - MAIN

Ref. No.	Part No.	Description	Qty.
1	SV-8961	WIRE, JUMPER	4
2	SV-8960	WIRE, JUMPER	4
3	TC-9536	CONTACTOR ASSEMBLY - RIGHT (See Index)	3
4	SV-8959	WIRE, JUMPER	4
5	TC-9535	CONTACTOR ASSEMBLY - LEFT (See Index)	3
6	TC-1894	BOX	1
7	SR-5641	WIRE, JUMPER	3
8	DF-1310	GROMMET	2
9	DF-1800	MACHINE SCREW - 1/4" NC x 3/4"	14
10	DF-1577	NUT - 1/4" NC	14
11	SV-847	WIRE, JUMPER	2
12	DF-1311	GROMMET	4
13	SV-848	WIRE, JUMPER	1
14	SC-731	MACHINE SCREW - #10-24 x 5/8"	4
15	H-2644	NUT - #10-24	4
16	SR-8235	TERMINAL STRIP	1
17	DH-9868	INSULATION	1
18	SV-842	WIRE, JUMPER	2
19	SV-6721	BUS BAR	6
20	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	8
21	C-312	LOCKWASHER - 3/8"	8
22	C-1521	NUT - 3/8" NC	8
23	SR-4042	CAPSCREW - 1/4" NC x 3/8"	24
24	SP-6234	GROMMET	1
25	TC-8945	BOX	1
26	TG-1338	MACHINE SCREW - #8-32 x 1 1/4"	1
27	HD-8578	FLATWASHER - #8	} (Eff. with Serial Suffix BPF4-N & BPA4-K.)
28	TG-1337	WASHER, MICA	
29	TG-1336	RESISTOR	
30	SR-8237	TERMINAL STRIP	1
31	DL-441	INSULATION	1
32	SV-844	WIRE, JUMPER	1
33	SV-2370	WIRE, JUMPER (Eff. with Serial Suffix BPF4-N & BPA4-K.)	1
NOT SHOWN			
	SV-6726	COVER - RIGHT	1
	SV-6727	COVER - LEFT	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

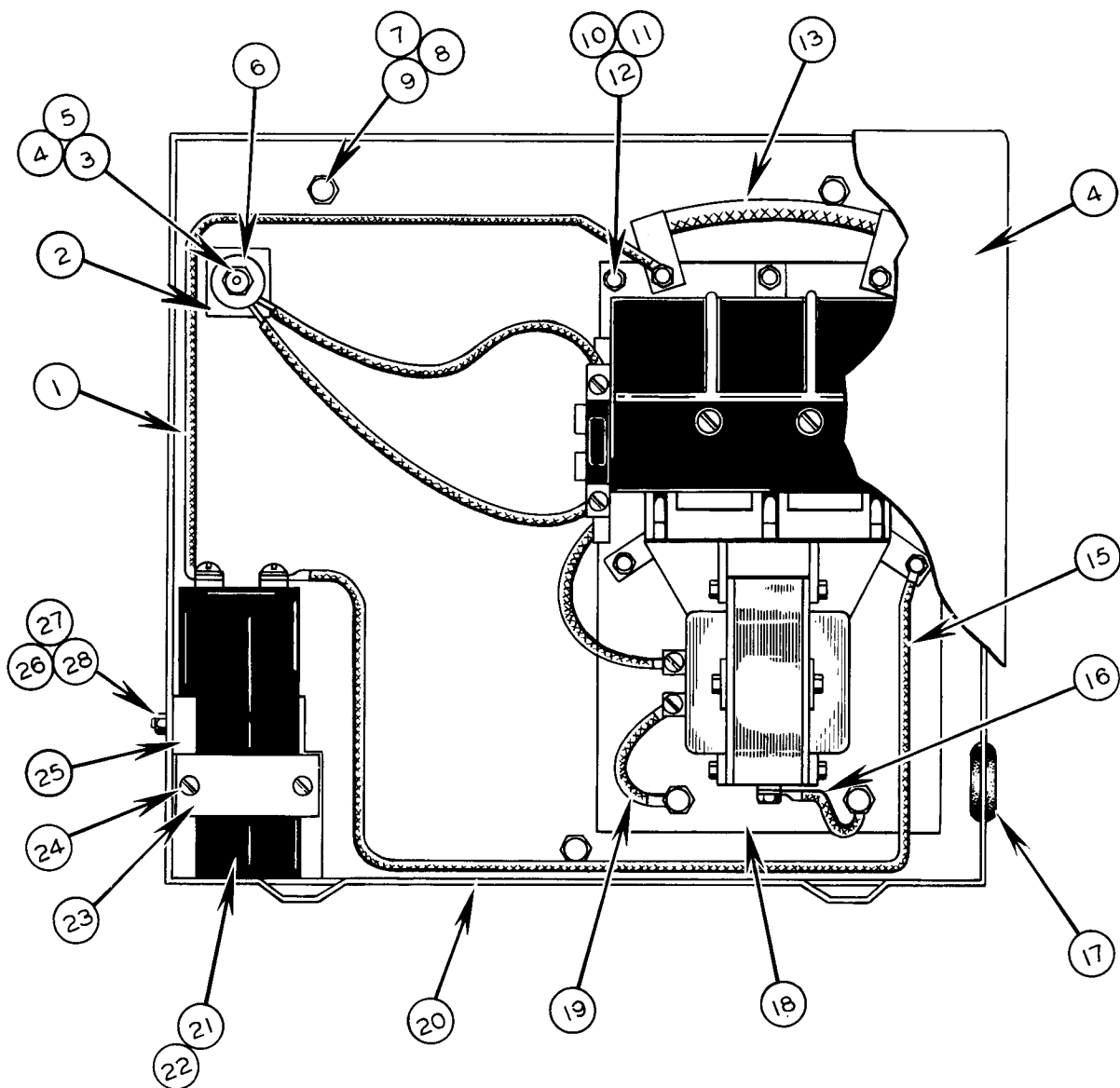


FIG. 466

DC BREAKER SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 466

D. C. BREAKER SWITCH BOX ASSEMBLY TC-4833

Ref. No.	Part No.	Description	Qty.
1	SV-8743	WIRE - CAPACITOR TO SWITCH	1
2	TC-2287	INSULATOR	1
3	DH-2638	MACHINE SCREW - #10-24 x 2 1/2"	1
4	DF-3445	LOCKWASHER - #10	1
5	DF-17	NUT - #10-24	1
6	TC-4832	RESISTOR	1
7	C-1603	CAPSCREW - 3/8" NC x 1 1/4" }	3
8	C-312	LOCKWASHER - 3/8" } Not Included in Assembly	3
9	C-1521	NUT - 3/8" NC }	3
10	SH-7597	CAPSCREW - 1/4" NC x 1/2"	4
11	DC-3584	LOCKWASHER - 1/4"	4
12	DD-2464	NUT - 1/4" NC	4
13	TC-4827	WIRE, JUMPER	1
14	DF-3076	COVER	1
15	SV-8745	WIRE - CAPACITOR TO SWITCH	1
16	SV-8749	WIRE, GROUND	1
17	H-3043	GROMMET	2
18	TD-8343	CONTACTOR ASSEMBLY (See Index)	1
19	TC-5518	WIRE - GROUND	1
20	SV-8738	SWITCH BOX	1
21	DH-951	CAPACITOR	2
22	SV-8749	WIRE, JUMPER	1
23	SV-71	CLAMP	1
24	CC-6049	SCREW, SELF-TAPPING - #8-32	2
25	SV-70	BRACKET	1
26	DC-5003	SCREW - #6-32 x 5/16"	2
27	DF-4944	LOCKWASHER - #6	2
28	DD-2468	NUT - #6-32	2
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B, BPF4 ONLY)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

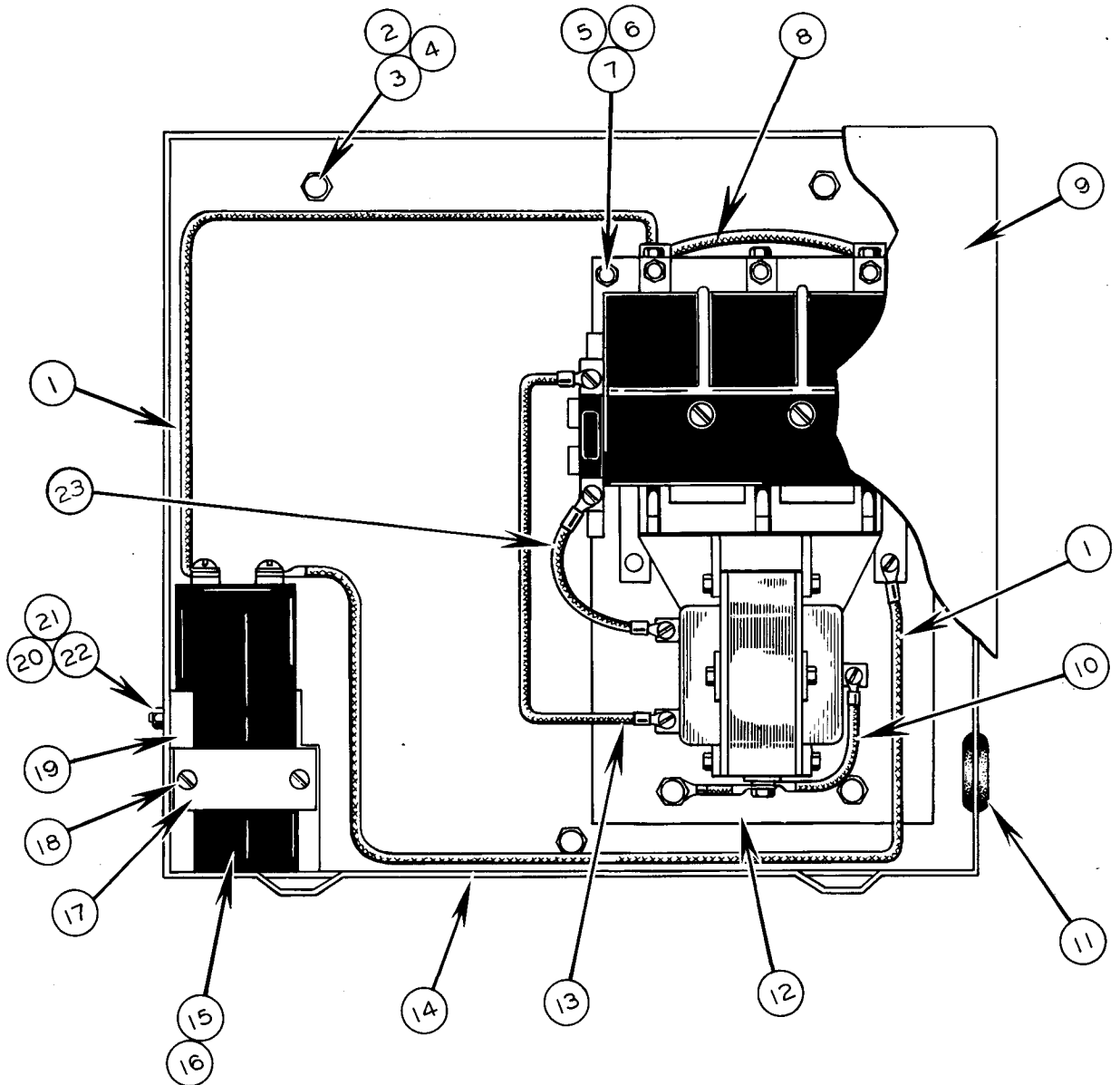


FIG. 688

DC BREAKER SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 688

D.C. BREAKER SWITCH BOX ASSEMBLY TC-4849

Ref. No.	Part No.	Description	Qty.
1	SV-8745	WIRE	2
2	C-1603	CAPSCREW - 3/8" NC x 1 1/4" }	3
3	C-312	LOCKWASHER - 3/8" } Not Included In Assembly	3
4	C-1521	NUT - 3/8" NC }	3
5	SH-7597	CAPSCREW - 1/4" NC x 1/2"	4
6	DC-3584	LOCKWASHER - 1/4"	4
7	DD-2464	NUT - 1/4" NC	4
8	TC-4827	WIRE, JUMPER	1
9	DF-3076	COVER	1
10	TC-5518	WIRE - GROUND	1
11	H-3043	GROMMET	2
12	TC-5577	CONTACTOR ASSEMBLY (See Index)	1
13	TC-5539	WIRE	1
14	SV-8738	SWITCH BOX	1
15	DH-951	CAPACITOR	1
16	SV-8749	WIRE, JUMPER	2
17	SV-71	BRACKET CLAMP	1
18	CC-6049	SCREW	2
19	SV-70	BRACKET	1
20	DC-5003	SCREW - #6-32 x 5/16"	2
21	DF-4944	LOCKWASHER - #6	2
22	R-2639	NUT - #6-32	2
23	TC-5540	WIRE	1
(EFFECTIVE WITH SERIAL SUFFIX BPA4 THRU BPA4-J, BPF4-A THRU BPF4-M.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

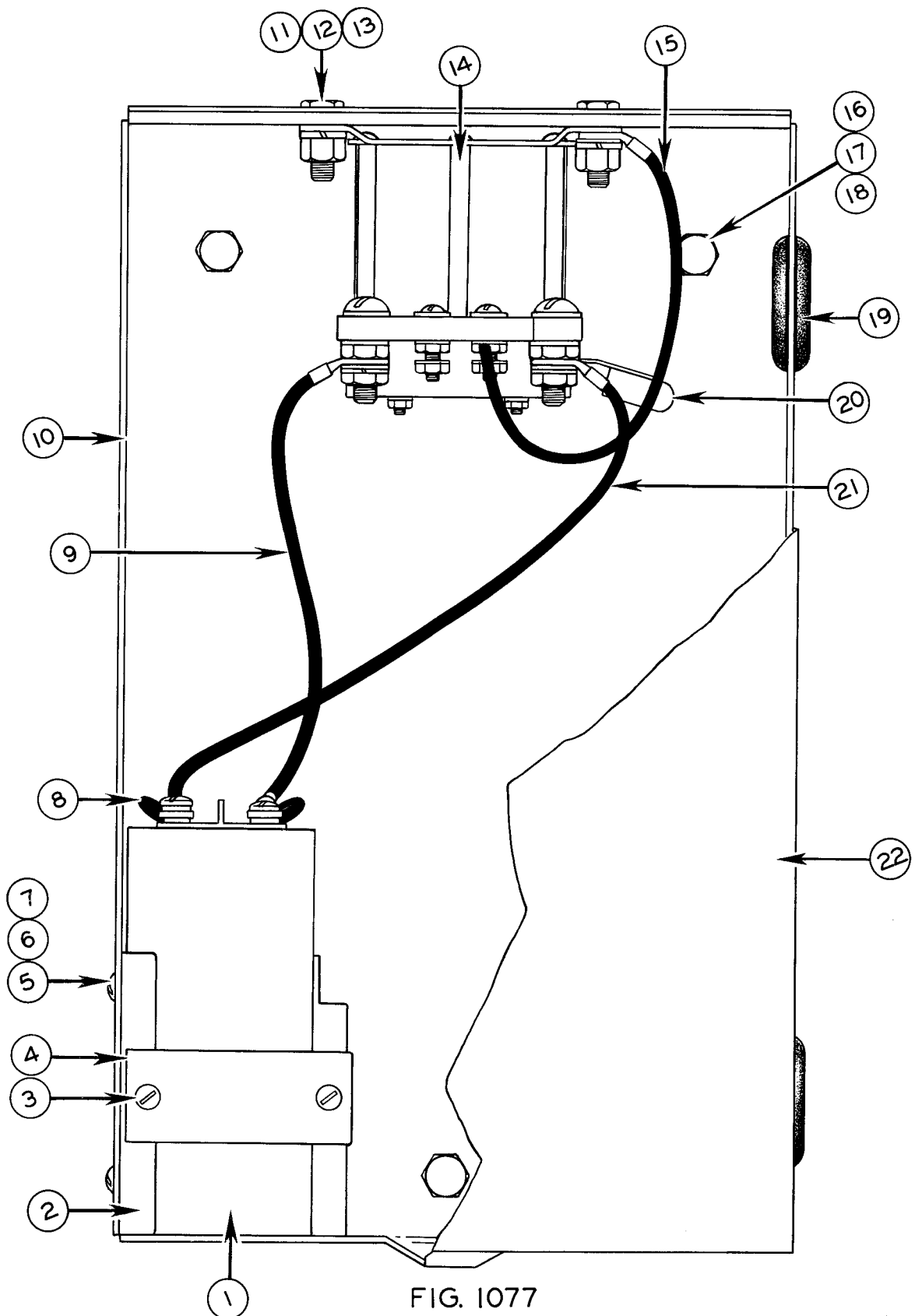


FIG. 1077
DC.BREAKER SWITCH BOX

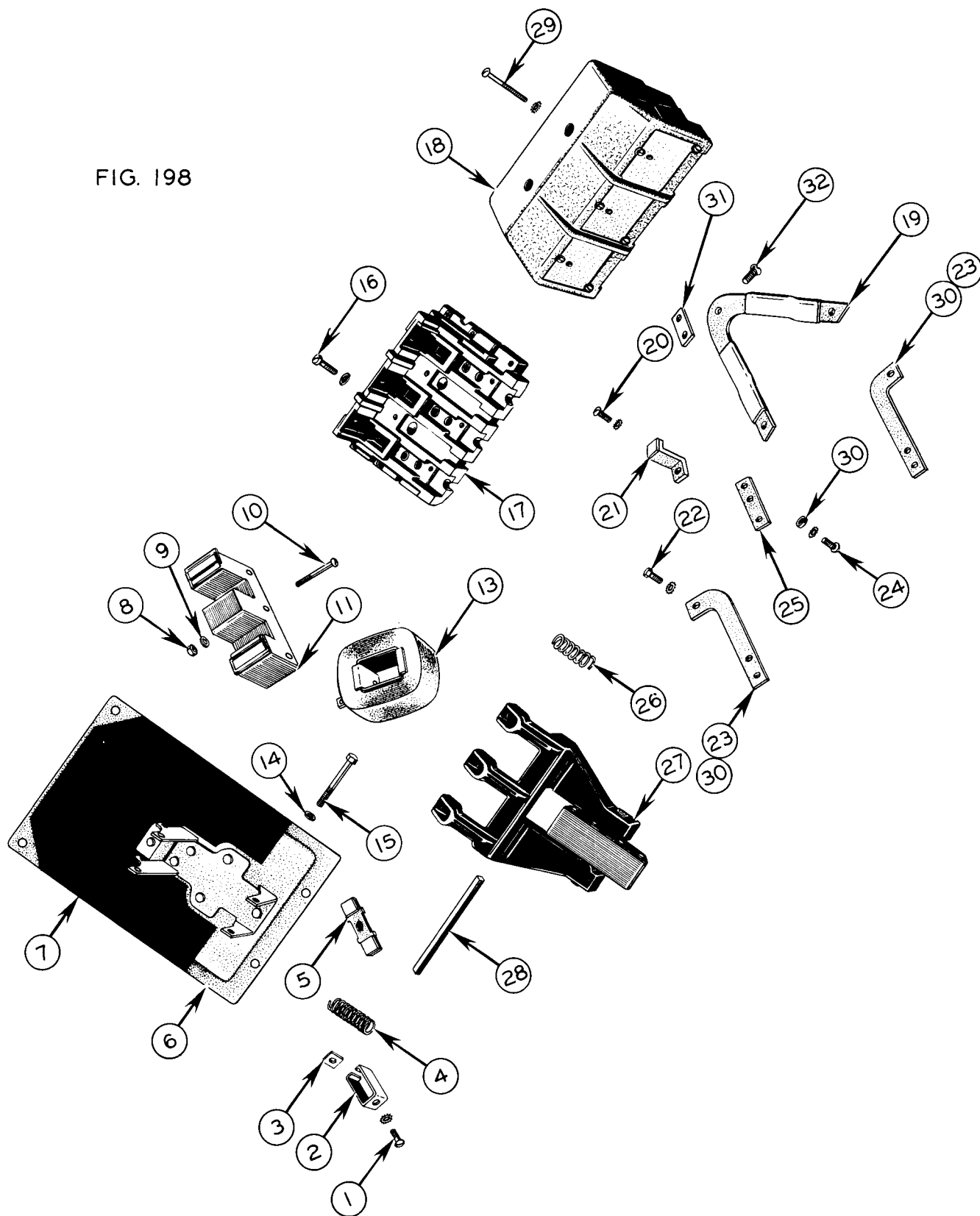
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1077 D.C. BREAKER SWITCH BOX ASSEMBLY TD-5866

Ref. No.	Part No.	Description	Qty.
1	DH-951	CAPACITOR	2
2	SV-70	BRACKET	1
3	CC-6049	SCREW, SELF-TAPPING - #8-32 x 3/8"	2
4	SV-71	CLAMP	1
5	DC-5003	SCREW - #6-32 x 5/16"	2
6	DF-4944	LOCKWASHER - #6	2
7	DD-2468	NUT - #6-32	2
8	SV-8749	WIRE, JUMPER - CAPACITOR TO CAPACITOR	2
9	TD-5868	CABLE - CAPACITOR TO CONTACTOR	1
10	TD-5889	SWITCH BOX	1
11	SH-7597	CAPSCREW - 1/4" NC x 1/2"	2
12	DC-3584	LOCKWASHER - 1/4"	2
13	DD-2464	NUT - 1/4" NC	2
14	TF-6769	CONTACTOR	1
15	TD-5871	CABLE - CONTACTOR TO GROUND	1
16	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	3
17	C-312	LOCKWASHER - 3/8"	3
18	C-1521	NUT - 3/8" NC	3
19	H-3043	GROMMET, RUBBER	2
20	TD-5870	CABLE	1
21	TD-5869	CABLE - CAPACITOR TO CONTACTOR	1
22	DG-3971	COVER	1
(EFFECTIVE WITH SERIAL SUFFIX BPF4-N & BPA4-K.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 198



CONTACTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 198 CONTACTOR ASSEMBLIES TC-9535 TC-9982 TC-5594 - R.H.
TC-9536 TC-9983 TC-5593 - L.H.

Ref. No.	Part No.	Description	Qty.
1	DF-4713	SCREW & LOCKWASHER - #10-32 x 1/2"	3
2	DF-2729	CONTACT HOLDER - MOVING	3
3	DG-6051	SHIM	AR
4	DF-2730	SPRING	3
5	DD-4983	CONTACT POINT - MOVING	3
6	SR-4030	BASE PLATE (Used with TC-9535 & TC-9536 Assys.)	1
	SR-5399	BASE PLATE (Used with TC-9982 & TC-9983 Assys.)	1
	TC-6469	BASE PLATE (Used with TC-5593 & TC-5594 Assys.)	1
7	SR-4031	INSULATING SHEET	1
8	SL-4175	NUT - #10-32	1
9	DF-2969	LOCKWASHER - #10	1
10	DF-4715	SCREW - #10-32 x 1 3/4"	1
11	DG-6090	MAGNET	1
13	DC-9938	COIL ASSEMBLY	1
14	DC-3584	LOCKWASHER - 1/4"	2
15	DF-2966	CAPSCREW - 1/4" NF x 1 3/4"	2
16	SR-4028	SCREW - 1/4" NC x 7/8"	2
17	SR-4503	CONTACTOR BASE (Used with TC-9982 & TC-9983 Assys.)	1
	SR-4502	CONTACTOR BASE (Used with TC-9535 & TC-9536 Assys.)	1
	TC-5564	CONTACTOR BASE (Used with TC-5593 & TC-5594 Assys.)	1
18	SR-4006	ARC SNUFFER	1
	SV-2871	VENT PLATE, INSIDE	3
	SV-2869	VENT PLATE, OUTSIDE	3
	SV-5597	SCREW	6
19	SV-3015	TERMINAL BAR - CENTER (Used with TC-9535 & TC-9536 Assys.)	1
	SV-2893	TERMINAL BAR - CENTER (Used with TC-9982 Assy.)	1
	DH-8083	TERMINAL BAR - CENTER (Used with TC-9983 Assy.)	1
	TC-5592	TERMINAL BAR - CENTER (Used with TC-5593 & TC-5594 Assys.)	1
20	SR-4032	CAPSCREW & LOCKWASHER - 1/4" NC x 3/8"	6
21	DD-4980	CONTACT POINT - STATIONARY	6
22	SR-4042	CAPSCREW & LOCKWASHER - 1/4" NC x 1/2"	6
23	SR-4009	TERMINAL BAR - TOP	2
	SR-6653	TERMINAL BAR - TOP (Used with TC-5593 & TC-5594 Assys.)	2
24	DF-4714	SCREW & LOCKWASHER - 1/4" NC x 1/2"	* 5
25	SR-4015	TERMINAL BAR - TOP	3
26	DF-3073	SPRING	1
27	TC-3581	MAGNET & ARM (Used with TC-9535 & TC-9536 Assys.)	1
	TC-3593	MAGNET & ARM (Used with TC-9982 & TC-9983 Assys.)	1
	TC-6479	MAGNET & ARM (Used with TC-5593 & TC-5594 Assys.)	1
28	DF-2739	KEY	1
29	SR-4027	SCREW & LOCKWASHER - #10-32 x 2 15/16"	2
30	DH-6507	SPACER	* 5
31	SV-3016	SPACER	1
32	DH-7831	SCREW, FLATHEAD - 1/4" NC x 3/4"	1
NOT SHOWN			
	SL-6194	KEEPER	2
	H-5466	SCREW - #8-32 x 1/2" } Used with TC-5593, TC-5594, TC-9982	4
	SD-2599	LOCKWASHER - #8 } & TC-9983 Assys.	4
NOTES:			
* QUANTITY OF 6 USED WITH TC-9982 & TC-9983 ASSYS. TC-9535 & TC-9536 ASSYS. USED IN MAIN SWITCH BOX.			
TC-5593, TC-5594, TC-9982 & TC-9983 ASSYS. USED IN STEERING SWITCH BOXES.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

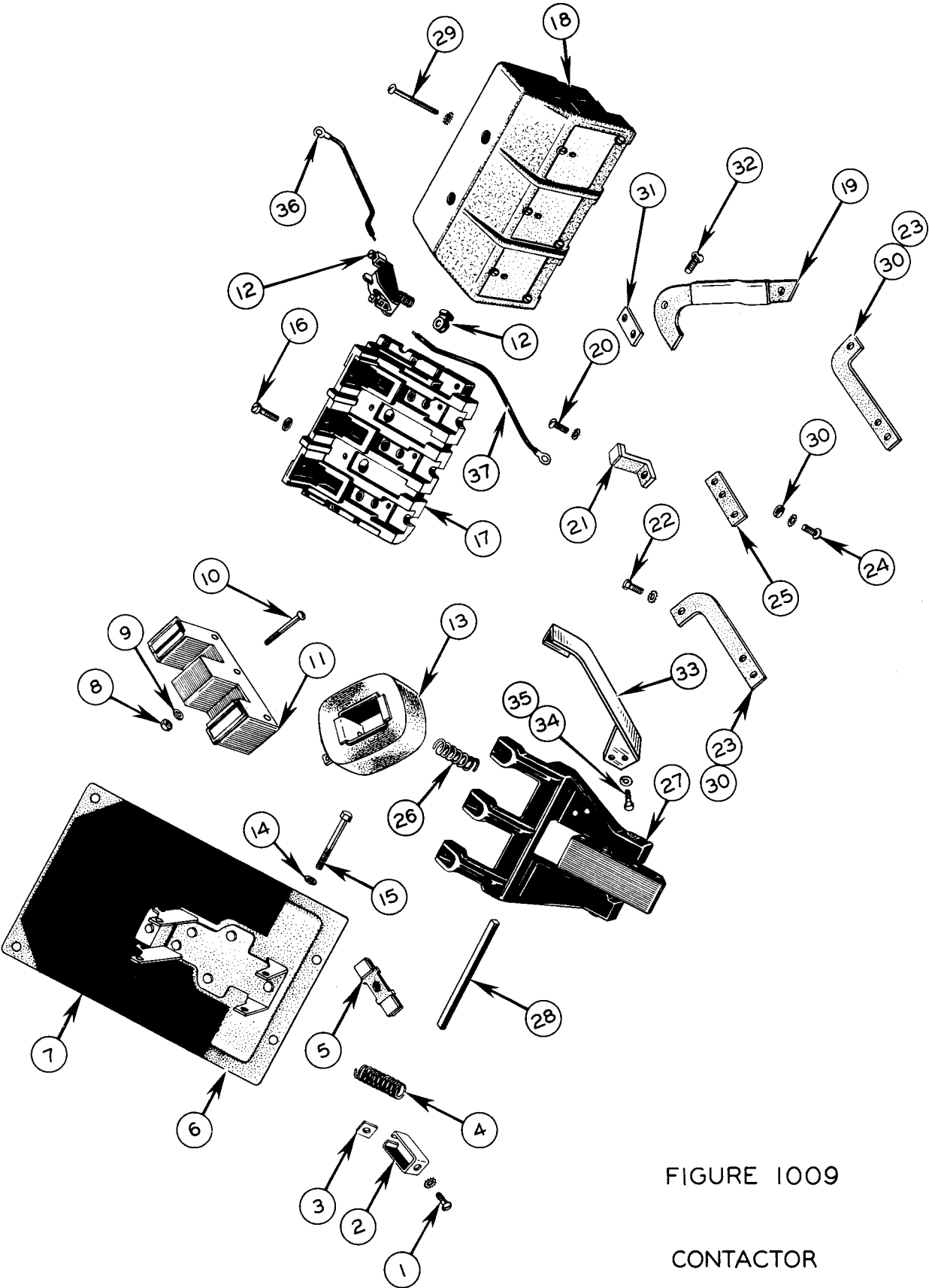


FIGURE 1009

CONTACTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1009

D.C. BREAKER CONTACTOR ASSEMBLY TD-8343

Ref. No.	Part No.	Description	Qty.
1	DF-4713	SCREW & LOCKWASHER - #10-32 x 1/2"	3
2	DF-2729	CONTACT HOLDER (Moving)	3
3	DG-6051	SHIM	AR
4	DF-2730	SPRING	3
5	DH-6190	CONTACT POINT (Moving)	3
6	SR-4030	BASE PLATE	1
7	SR-4031	INSULATING SHEET	1
8	TD-9403	NUT - #10-32	1
9	SC-3117	FLATWASHER - #10	1
10	TD-9401	SCREW - #10-32 x 2 1/4"	1
11	DG-6090	MAGNET	1
12	TC-5581	INTERLOCK SWITCH ASSEMBLY	1
13	TD-8337	COIL	1
14	DC-3584	LOCKWASHER - 1/4"	2
15	DF-2966	CAPSCREW - 1/4" NF x 1 3/4"	2
16	SR-4028	SCREW & LOCKWASHER - 1/4" NC x 7/8"	2
17	TC-6488	CONTACTOR BASE	1
18	SR-4006	ARC SNUFFER	1
	SV-2871	VENT PLATE (Inner)	3
	SV-2869	VENT PLATE (Outer)	3
	SV-5597	SCREW	6
19	DH-8044	TERMINAL BAR (Center)	1
20	SR-4032	SCREW & LOCKWASHER - 1/4" NC x 3/8"	6
21	DD-4980	CONTACT POINT (Stationary)	6
22	SR-4042	SCREW & LOCKWASHER - 1/4" NC x 1/2"	6
23	SR-4009	TERMINAL BAR (Top)	2
24	DF-4714	SCREW & LOCKWASHER - 1/4" NC x 1/2"	6
25	SR-4015	TERMINAL BAR (Top)	3
26	DF-3073	SPRING	1
27	TC-6491	MAGNET & ARM ASSEMBLY	1
28	DF-2739	KEY	1
29	SR-4027	SCREW & LOCKWASHER - #10-32 x 2 15/16"	2
30	DH-6507	SPACER	5
31	SV-3016	SPACER	1
32	DH-7831	SCREW - 1/4" NC x 3/4"	1
33	TC-6487	INTERLOCK ACTIVATING BRACKET	1
34	H-5466	SCREW - #8-32 x 1/2"	2
35	SD-2599	LOCKWASHER - #8	2
36	TD-8342	WIRE (To Ground)	1
37	DL-2486	WIRE (To Coil)	1
NOTE: SEE INDEX FOR D.C. BREAKER SWITCH BOX ASSEMBLY			
(EFFECTIVE WITH SERIAL SUFFIX BPF3 THRU BPF3-B & BPF4 ONLY)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

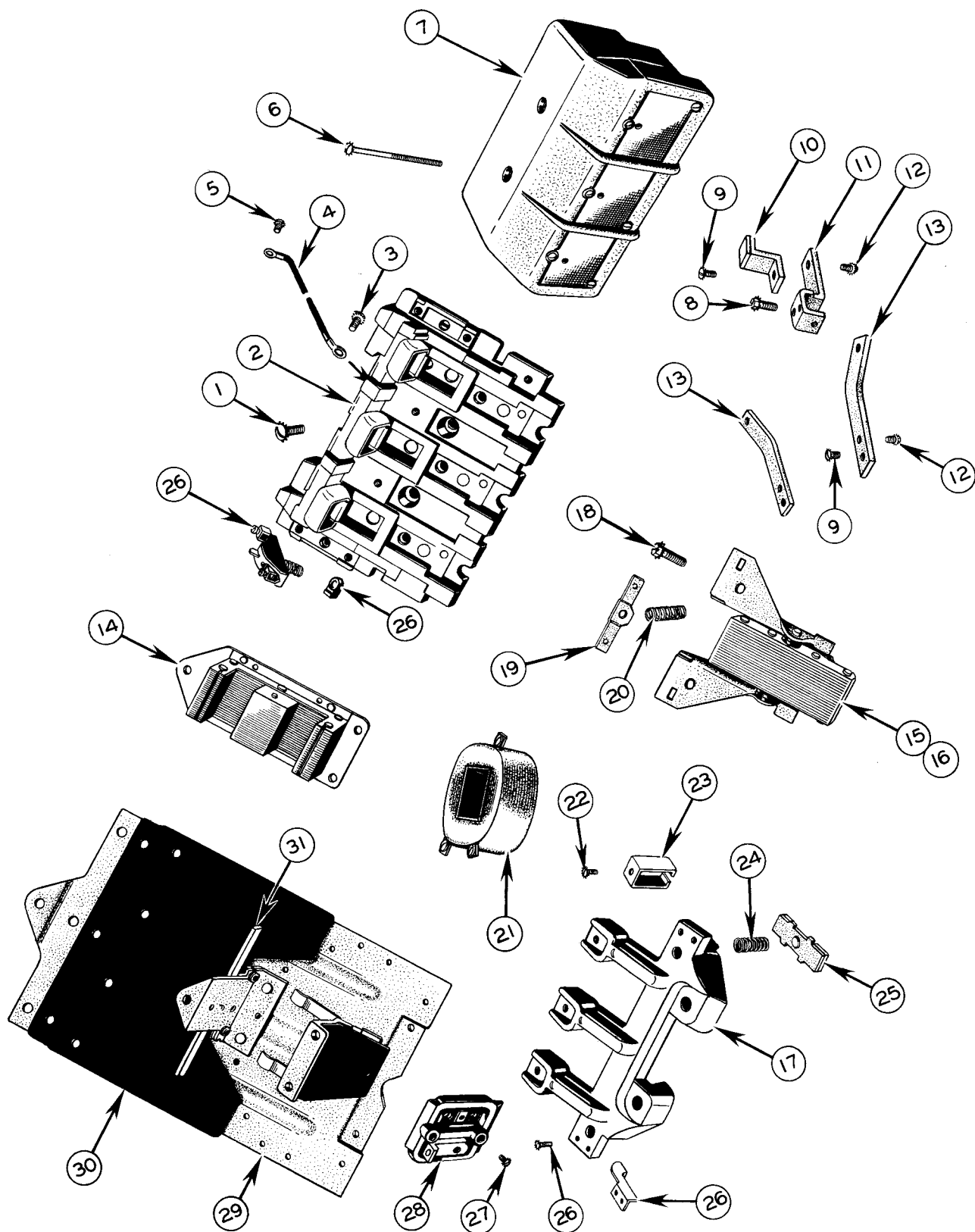


FIGURE 733
CONTACTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 733

D.C. BREAKER CONTACTOR ASSEMBLY TC-5577

Ref. No.	Part No.	Description	Qty.
1	SR-4028	SCREW - 1/4" NC x 1 5/16"	2
2	SR-4501	CONTACTOR BASE	1
3	TC-7836	CAPSCREW - 1/4" NC x 5/8"	1
4	TC-7832	TERMINAL MOUNT WIRE - CENTER	1
5	DC-3583	SCREW - 1/4" NC x 3/8"	1
	DC-3584	LOCKWASHER - 1/4"	1
6	SR-4027	SCREW & WASHER - #10-32 x 3"	2
7	SR-4006	ARC SNUFFER	1
	SV-2871	VENT PLATE, INSIDE	3
	SV-2869	VENT PLATE, OUTSIDE	3
	SV-5597	SCREW	6
8	SR-4042	SCREW - 1/4" NC x 3/8"	5
9	DC-3583	SCREW - 1/4" NC x 3/8"	6
	DC-3584	LOCKWASHER - 1/4"	6
10	DD-4980	CONTACT POINT - STATIONARY	6
11	SR-4015	TERMINAL MOUNT BAR - TOP	3
12	DF-4714	SCREW & WASHER - 1/4" NC x 1/2"	5
13	SR-4009	TERMINAL MOUNT BAR - OUTER	2
14	TC-7831	MAGNET	1
15	TC-7833	MAGNET & ARM ASSEMBLY	1
16		MAGNET & BRACKET (Not Serviced)	1
17	TC-5587	ARM	1
18	TC-7846	FASTENER	2
19	TC-7835	SUPPORT, SPRING	1
20	TC-5583	SPRING	1
21	TC-5579	COIL	1
22	DF-4713	SCREW & WASHER - #10-32 x 1/2"	3
23	DF-2729	CONTACT HOLDER	3
24	DF-2730	SPRING, CONTACT	3
25	DD-4983	CONTACT POINT - MOVING	3
26	TC-5581	INTERLOCK ASSEMBLY	1
27	TC-7847	SCREW - .164 x 3/8"	2
28	TC-5580	TERMINAL BLOCK	1
29	TC-7830	BASE PLATE	1
30	TC-5584	INSULATING SHEET	1
31	TC-7834	KEY	1
NOTE: SEE INDEX FOR D. C. BREAKER SWITCH BOX ASSEMBLY			
(EFFECTIVE WITH SERIAL SUFFIX BPF4-A THRU BPF4-M, BPA4 THRU BPA4-J.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

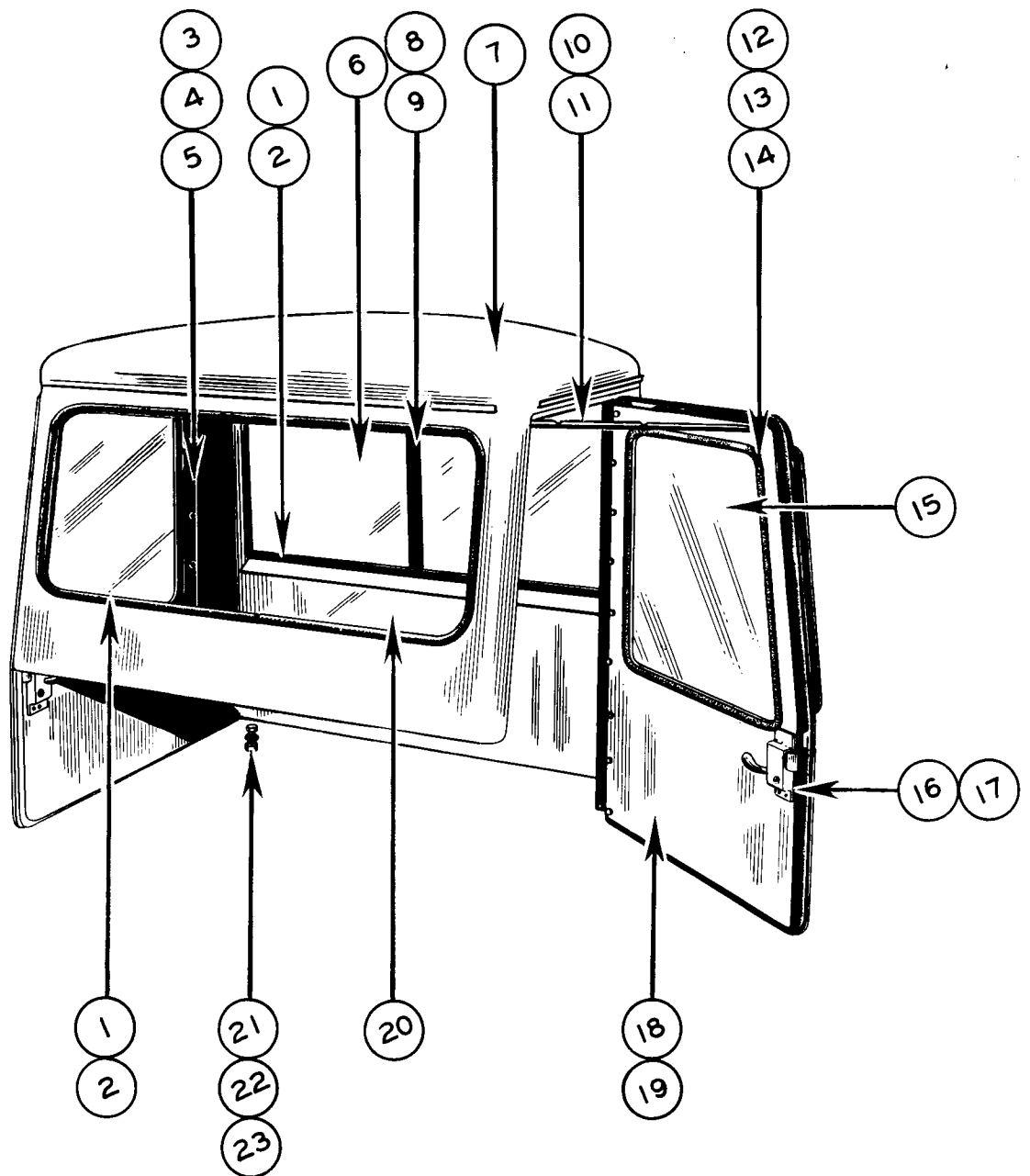


FIG. 57

CAB

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 57

CAB ASSEMBLY SV-9333

Ref. No.	Part No.	Description	Qty.
1	SF-9792	RUBBER STRIP	2
2	SF-9793	FILLER STRIP	2
3	SF-9490	SCREW	18
4	DC-3584	LOCKWASHER	18
5	SL-8395	NUT	18
6	SG-4234	GLASS - REAR	2
	SF-9467	GLASS - REAR (SOLID)	1
7	SG-1826	CAB	1
8	SG-4233	RUBBER STRIP	1
9	SG-4235	FILLER STRIP	1
10	SG-2733	STOP ROD	2
11	SG-1822	ROLL PIN	4
12	SG-1357	WEATHER STRIP	2
13	SG-4654	FILLER STRIP	2
14	SF-9469	RUBBER STRIP	2
15	SG-1642	GLASS	2
16	SG-263	DOOR LATCH	2
17	SF-7718	HANDLE ASSEMBLY	2
18	SG-4222	DOOR ASSEMBLY - RIGHT	1
	SG-1644	DOOR	1
19	SG-4223	DOOR ASSEMBLY - LEFT	1
	SG-1645	DOOR	1
20	SF-9060	WINDSHIELD	1
21	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	4
22	C-1541	LOCKWASHER - 5/8"	4
23	C-1525	NUT - 5/8" NC	4
		NOT SHOWN & NOT INCLUDED IN SV-9333 ASSEMBLY	
	CD-6616	REAR WINDOW GUARD	1
	SP-3846	BOLT PAD	6
	H-8136	CAPSCREW - 1/4" NC x 1/2"	6
	C-5774	LOCKWASHER - 1/4"	6

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 58 A

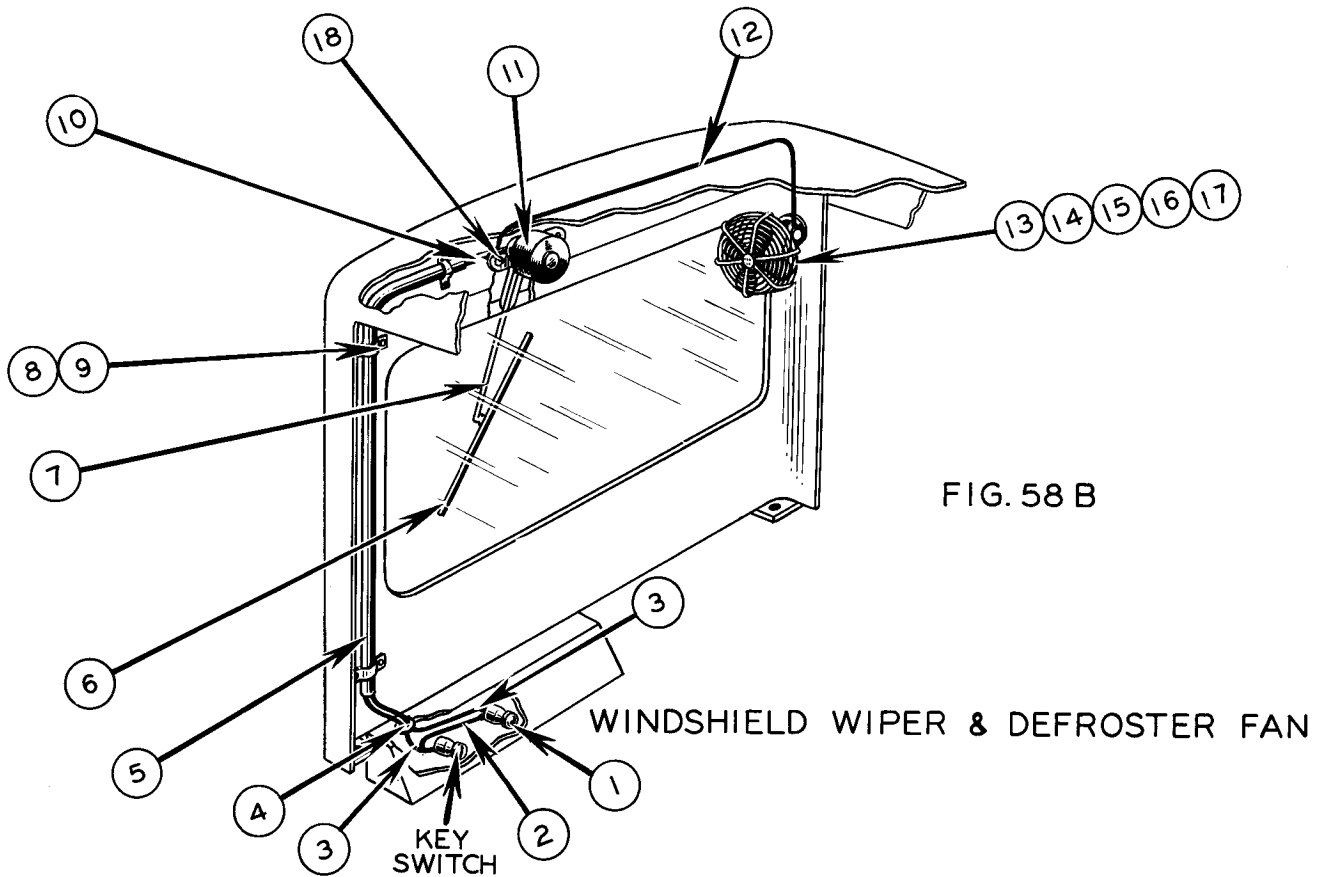
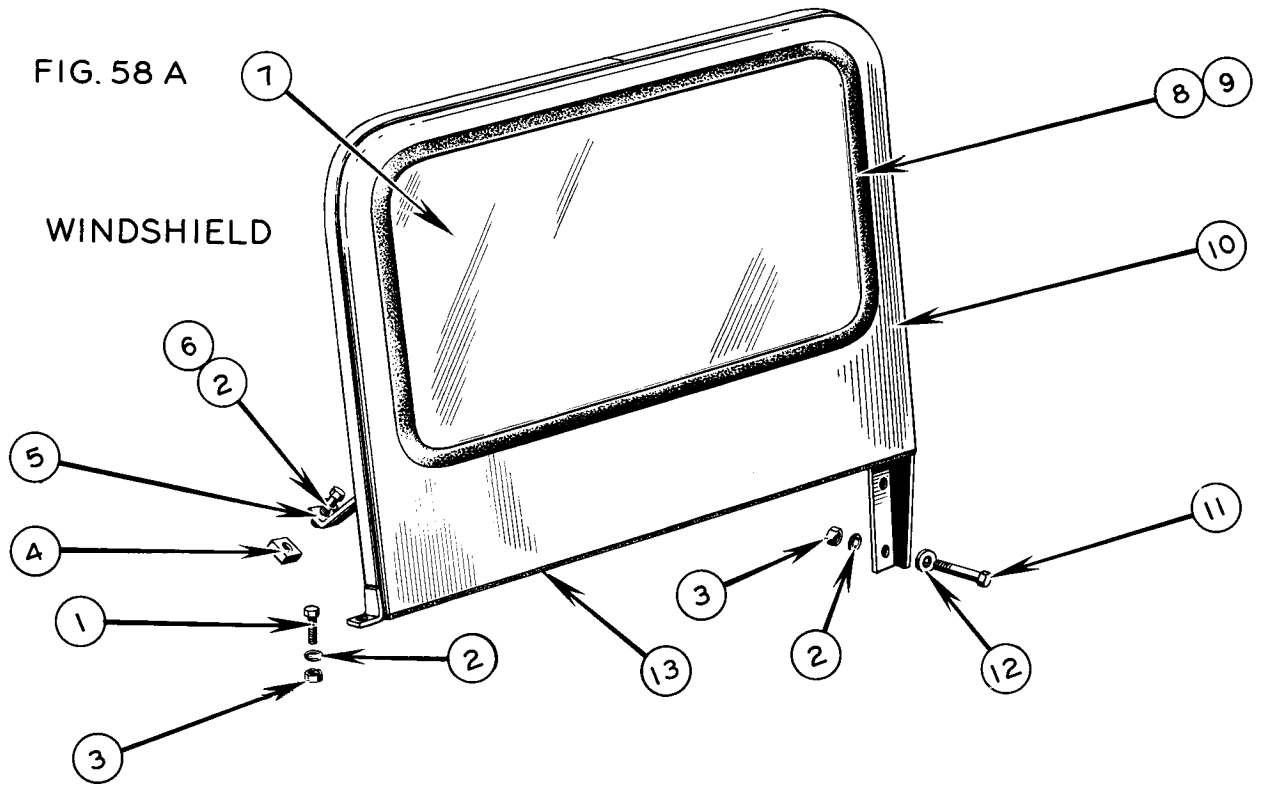


FIG. 58 B

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 58A

WINDSHIELD GROUP SV-4200

Ref. No.	Part No.	Description	Qty.
1	C-1602	CAPSCREW - 3/8" NC x 1"	1
	C-1605	CAPSCREW - 3/8" NC x 1 3/4"	1
2	C-312	LOCKWASHER - 3/8"	5
3	C-1521	NUT - 3/8" NC	4
4	SV-2499	BLOCK, TAPPED	1
5	SV-4201	BRACE	1
6	H-8524	CAPSCREW - 3/8" NC x 5/8"	1
7	SP-9258	GLASS	1
8	SG-1357	WEATHER STRIP	1
9	SG-4654	FILLER STRIP	1
10	SV-2497	FRAME	1
11	DD-4471	CAPSCREW - 3/8" NC x 3"	2
12	DF-3042	FLATWASHER - 3/8"	AR
13	SR-3929	SPONGE RUBBER	1
(OPTIONAL)			

FIGURE 58B

WINDSHIELD WIPER & DEFROSTER FAN

1	SH-681	SWITCH, WIPER	1
2	TC-4823	WIRE, JUMPER	1
3	SL-9412	WIRE	2
4	DC-4088	GROMMET	1
5	DF-179	CONDUIT	1
6	DF-854	WIPER BLADE	1
7	DF-855	WIPER ARM KIT	1
8	R-1709	JIFFY CLAMP - 1/8"	3
9	DC-5004	SCREW - #12-24 x 1/2"	3
10	SR-1137	WIRE, WIPER	1
11	SP-6497	WIPER MOTOR	1
12	SP-4129	WIRE, DEFROSTER	1
13	SP-4402	FAN ASSEMBLY (Includes Switch)	1
14	SL-8480	MOUNT PLATE	1
15	SC-730	SCREW - #10-24 x 3/8"	4
16	H-2643	LOCKWASHER - #10	4
17	SL-8483	HOSE - 7/16" O.D.	1
18	SG-1764	SCREW, SELF-TAPPING - #10-24	2
NOTE: SP-4351 DEFROSTER GROUP INCLUDES REF. NOS. 3, 8, 9, 12 THRU 17. SP-8147 OR TC-3520 WINDSHIELD WIPER GROUP INCLUDES REF. NOS. 1 THRU 11 & 18.			
(OPTIONAL)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

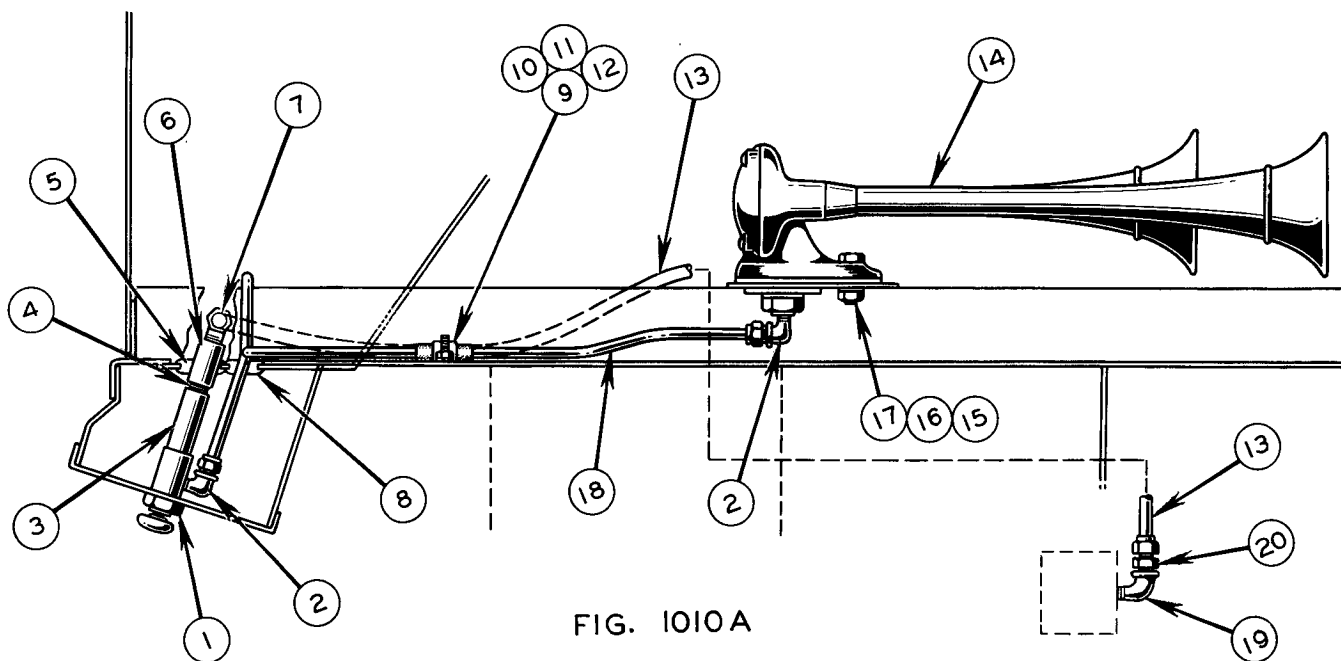


FIG. 1010 A

AIR HORN

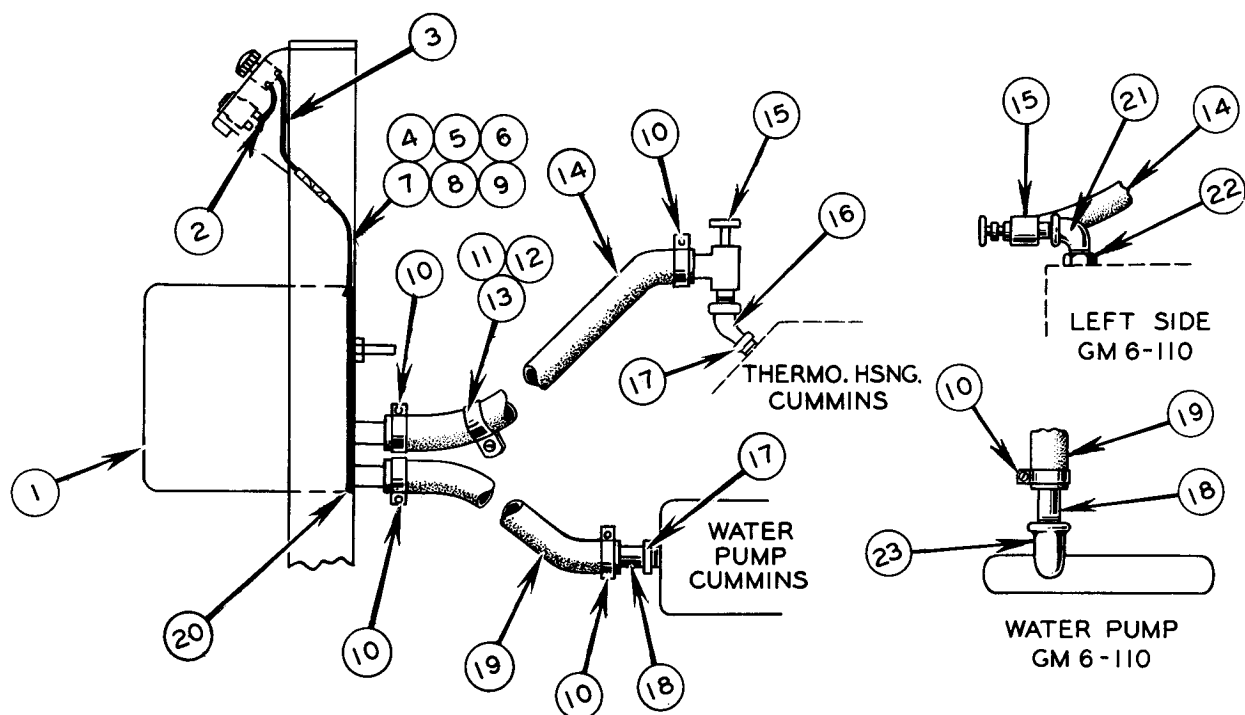


FIG. 1010 B

CAB HEATER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1010A

AIR HORN

Ref. No.	Part No.	Description	Qty.
1	TC-2916	NUT - 5/8" NF	1
2	SC-8897	FL. ELBOW	2
3	SV-9125	VALVE	1
4	R-2510	CLOSE NIPPLE - 1/4"	1
5	H-3043	GROMMET	1
6	R-1395	COUPLING - 1/4"	1
7	H-8549	FL. ELBOW	1
8	DC-4088	GROMMET	1
9	SV-6216	RUBBER SLEEVE	1
10	SG-5696	CLAMP	1
11	C-5774	LOCKWASHER - 1/4"	2
12	C-5780	NUT - 1/4" NC	2
13	TC-5403	TUBE ASSEMBLY - 3/8" x 36"	1
14	SV-3346	AIR HORN ASSEMBLY	1
15	C-1598	CAPSCREW - 5/16" NC x 1"	1
16	C-1538	LOCKWASHER - 5/16"	1
17	C-1520	NUT - 5/16" NC	1
18	TC-1447	TUBE ASSEMBLY - 1/4" x 33"	1
19	S-2916	STREET ELL - 1/4" x 90°	1
20	HC-2489	FL. CONNECTOR	1

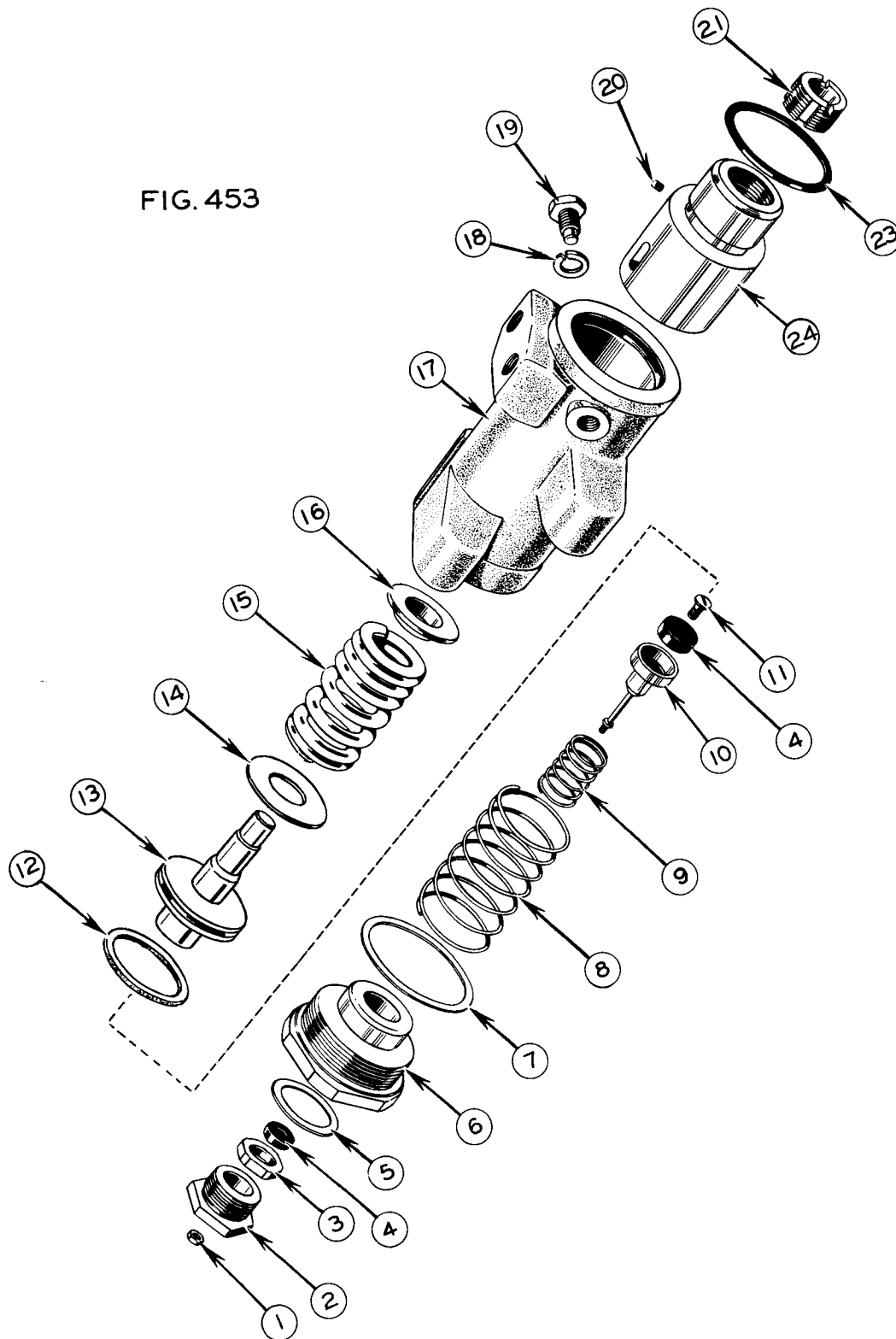
FIGURE 1010B

CAB HEATER GROUP

1	SP-4401	HEATER	1
2	SV-838	WIRE - KEY SWITCH TO HEATER SWITCH	1
3	SL-9412	WIRE - SWITCH TO KNIFE CONNECT	1
4	SP-4131	WIRE - KNIFE CONNECT TO HEATER	1
5	SP-4133	LOOM	1
6	SG-5696	JIFFY CLAMP	2
7	DC-5004	SCREW - #12-24 x 1/2"	2
8	R-8870	LOCKWASHER - #12	2
9	SF-9857	NUT - #12-24	2
10	CD-8419	HOSE CLAMP	4
11	DG-2527	CAT CLIP	4
12	C-5780	NUT - 1/4" NC	2
13	C-5774	LOCKWASHER - 1/4"	2
14	TC-3542	HOSE (Used with Cummins NHRBIS Engines)	1
	TC-3546	HOSE (Used with Cummins NRT Engines)	1
	TC-3544	HOSE (Used with GM 6-110 Engines)	1
15		SHUT- OFF VALVE - SUPPLIED WITH HEATER	1
16	SD-5163	ELBOW - 3/8" x 45°	1
17	SD-5209	BUSHING - 3/4" x 3/8"	2
18	DF-7314	NIPPLE	1
19	TC-3543	HOSE (Used with Cummins NHRBIS Engines)	1
	TC-3546	HOSE (Used with Cummins NRT Engines)	1
	TC-3545	HOSE (Used with GM 6-110 Engines)	1
20	SV-6475	SPACER	1
21	F-4037	ELBOW - 1/2"	1
22	H-3018	BUSHING - 1/2" x 3/8"	1
23	SC-3265	ELBOW - 3/8"	1
NOTE: TC-3526 HEATER GROUP USED WITH GM ENGINE. TC-3527 HEATER GROUP USED WITH CUMMINS NRT & NRTD ENGINE. TC-3528 HEATER GROUP USED WITH CUMMINS NHRBIS ENGINE.			
(OPTIONAL)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 453



AIR VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

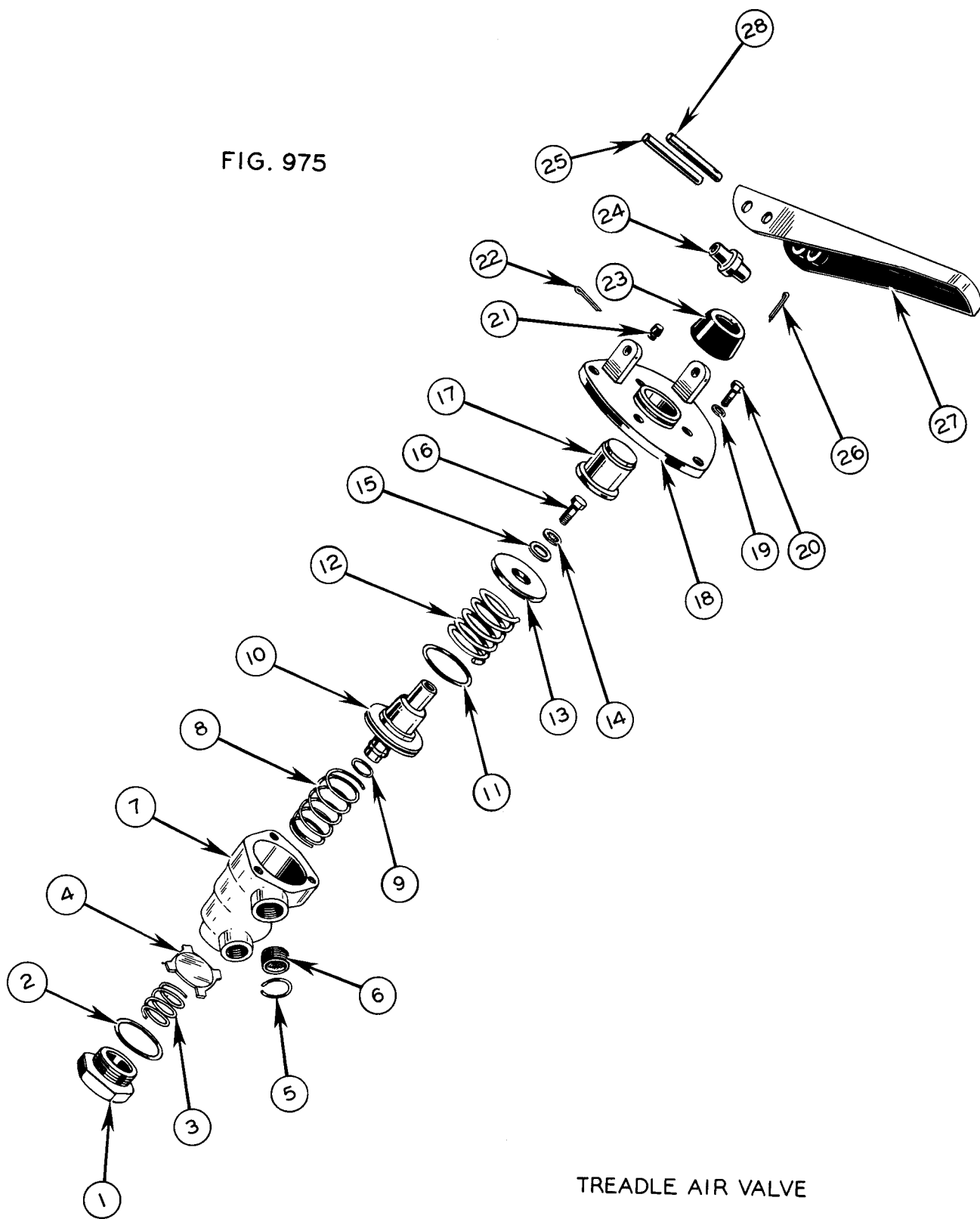
FIGURE 453

AIR VALVE ASSEMBLY DD-1155

Ref. No.	Part No.	Description	Qty.
1	R-2639	NUT - #6-32	1
2	SD-5439	PLUG	1
3	SD-5446	BODY	1
4	SD-6277	INSERT	2
5	SD-5440	GASKET	1
6	SD-5441	CAP	1
7	SD-5442	GASKET	1
8	SD-5443	SPRING	1
9	SD-5448	SPRING	1
10	SD-5447	STEM	1
11	DC-5003	SCREW - #6-32 x 5/16"	1
12	SV-4729	CUP	1
13	SV-4728	PISTON	1
14	SD-6282	WASHER	1
15	SD-6280	SPRING	1
16	SD-6281	RETAINER	1
17	SD-5444	HOUSING	1
18	CD-296	LOCKWASHER - 5/16"	2
19	SD-6287	PIN	2
20	SD-6289	SETSCREW	2
21	SD-6290	GUIDE	1
23	SD-6288	"O" RING	1
24	SD-6279	CAM	1
NOTE: SV-6830 REPAIR KIT INCLUDES REF. NOS. 3 THRU 5, 7, 10, 12, 13 & 23.			
(USED WITH SCRAPER HOIST CONTROL)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 975



TREADLE AIR VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 975

TREADLE AIR VALVE ASSEMBLY SL-9943

Ref. No.	Part No.	Description	Qty.
1	SR-8596	NUT, INLET	1
2	SR-7348	GROMMET - 1.412" O.D.	1
3	SR-8597	SPRING, INLET VALVE	1
4	SR-7347	VALVE, INLET	1
5	SR-7342	RING, RETAINING	1
6	SR-7343	SCREEN, FILTER	1
7	SR-7344	BODY	1
8	SR-8598	SPRING, PISTON RETURN	1
9	SR-7346	GROMMET - .691" O.D.	1
10	SR-7325	PISTON *	1
11	SR-7345	GROMMET - 2.062" O.D.	1
12	SR-7326	SPRING, GRADUATING *	1
13	SR-7327	SEAT, SPRING *	1
14	SR-7329	LOCKWASHER	1
15	SR-7328	WASHER *	1
16	SR-7330	CAPSCREW *	1
17	SR-7332	PLUNGER	1
18	SR-7331	PLATE, MOUNT	1
19	SG-1184	LOCKWASHER	3
20	SH-5979	CAPSCREW	3
21	SR-7341	STOP BUTTON	1
22	TD-7181	COTTER PIN - 3/32" x 5/8"	1
23	SR-7333	BOOT	1
24	SR-7335	ROLLER **	1
25	TD-7190	PIN, TREADLE	1
26	TD-7181	COTTER PIN - 3/32" x 5/8" **	1
27	SR-7338	TREADLE **	1
28	TD-7189	PIN, ROLLER **	1
NOT SHOWN & NOT INCLUDED IN ASSEMBLY			
	C-1598	CAPSCREW - 5/16" NC x 1" }	3
	C-1538	LOCKWASHER - 5/16" } (Mounting Hardware)	3
	C-1520	NUT - 5/16" NC	3
	SV-1325	REPAIR KIT (Includes Ref. Nos. 2 thru 4, 8 thru 13, 15, 16, 21 & 23.)	1
* INCLUDED IN SR-8599 PISTON & SPRING ASSEMBLY. ** INCLUDED IN SR-7334 TREADLE ASSEMBLY.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

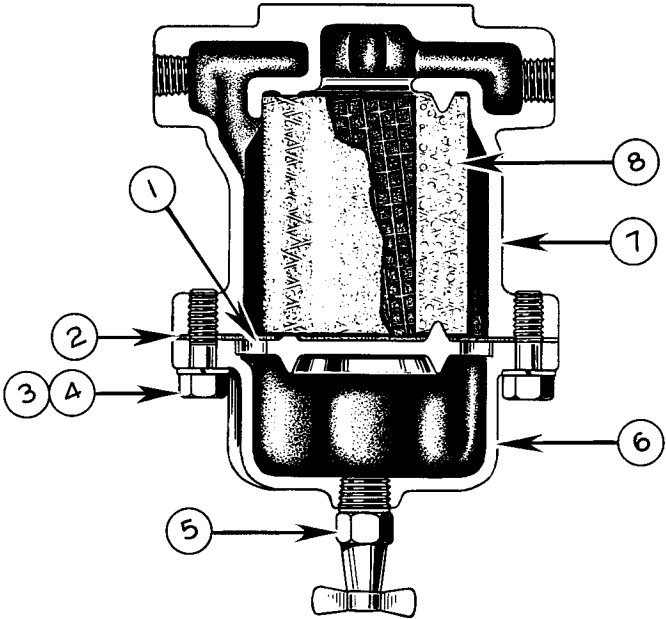


FIGURE 540 A

AIR LINE FILTER

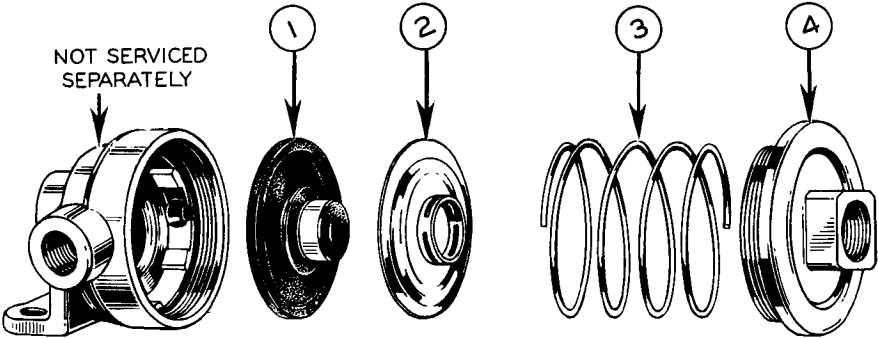


FIGURE 540 B

QUICK RELEASE VALVE

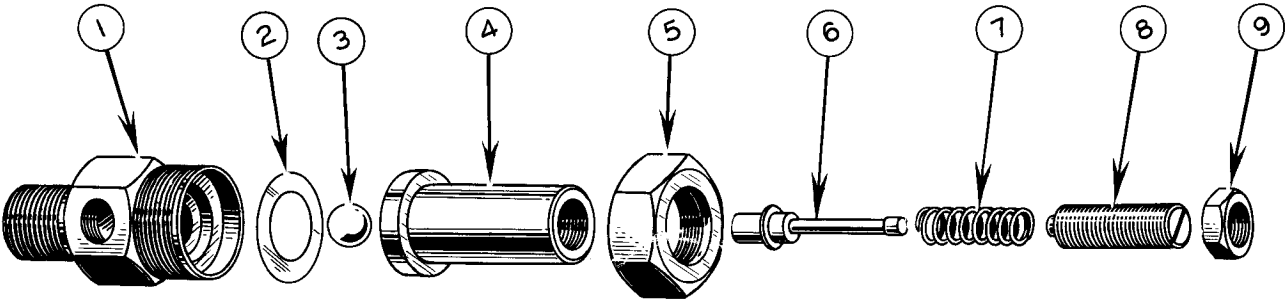


FIGURE 540 C

AIR COMPRESSOR UNLOADER VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 540A

AIR LINE FILTER ASSEMBLY HE-3974

Ref. No.	Part No.	Description	Qty.
1	SH-5981	SUPPORT, STRAINER	1
2	SH-5985	GASKET	1
3	SH-5979	CAPSCREW - 5/16" NC x 1"	4
4	C-1538	LOCKWASHER - 5/16"	4
5	HC-1851	DRAIN COCK (Not Included In Assembly)	1
6	SH-5984	COVER	1
7	SH-5983	BODY	1
8	SH-5982	FILTER	1
(USED WITH REAR DUMP EMERGENCY BRAKE SYSTEM)			

FIGURE 540B

QUICK RELEASE VALVE ASSEMBLY HD-3675

1	SP-1898	DIAPHRAGM	1
2	SP-1894	SPRING SEAT	1
3	SP-1896	SPRING	1
4	SP-1897	COVER	1
(USED WITH WHEEL BRAKES)			

FIGURE 540C

UNLOADER VALVE ASSEMBLY SL-3279
SP-2442

1	SL-2893	BODY	1
2	SL-2892	SHIM AS REQ'D.	
3	SL-2889	BALL	1
4	SL-2894	SLEEVE	1
5	SL-2895	COLLAR	1
6	SL-2897	PLUNGER	1
7	SL-2898	SPRING (Included In SL-3279 Assembly)	1
	SP-3259	SPRING (Included In SP-2442 Assembly)	1
8	SL-2896	SCREW, ADJUSTING	1
9	SL-2890	NUT	1
SL-3279 ASSEMBLY SET FOR 90# TO 120# AIR PRESSURE. SP-2442 ASSEMBLY SET FOR 130# TO 145# AIR PRESSURE.			
(USED WITH AIR COMPRESSOR & EMERGENCY BRAKE SYSTEM)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

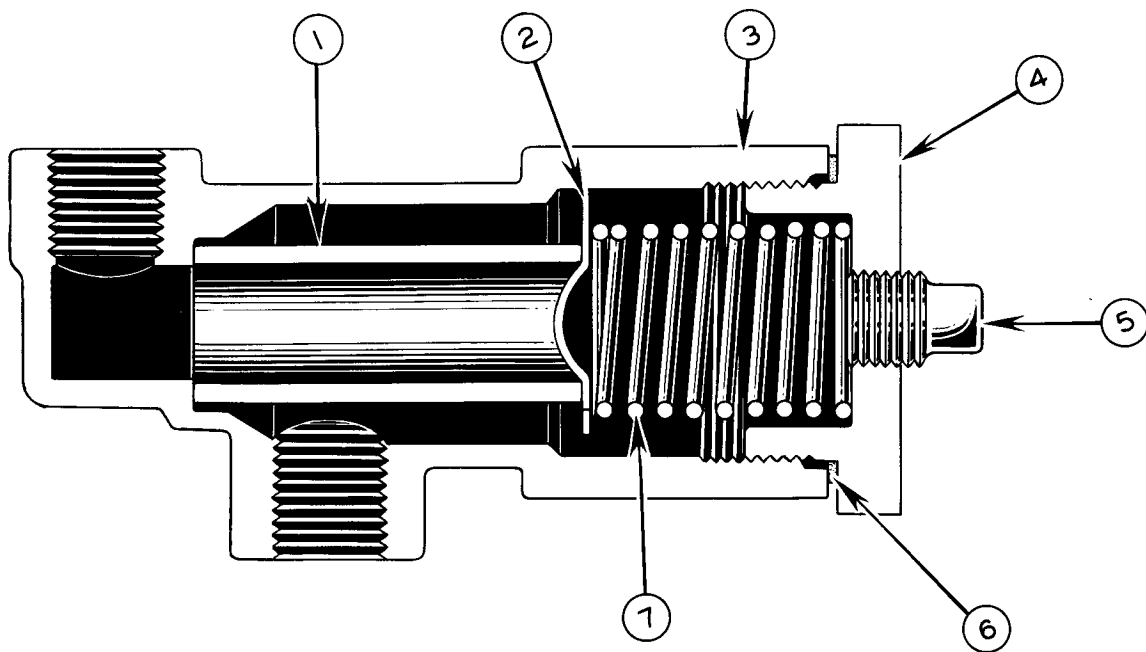


FIGURE 807 A
AIR CLEANER

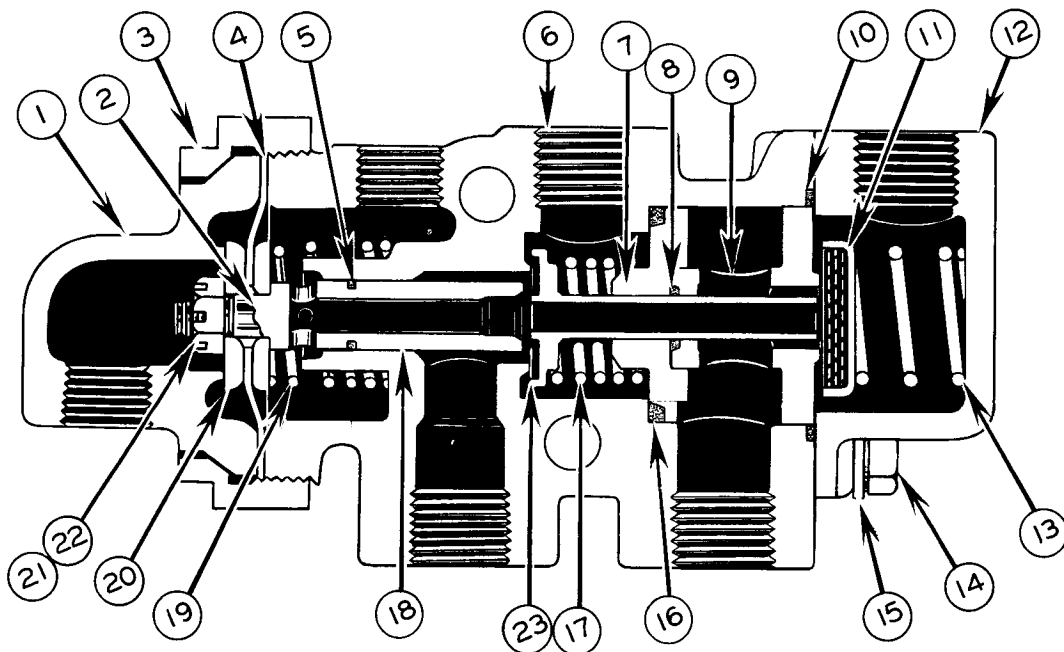


FIGURE 807 B

TRACTOR PROTECTION VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 807A

AIR CLEANER ASSEMBLY DH-5178

Ref. No.	Part No.	Description	Qty.
1	SR-1563	ELEMENT	1
2	SR-1564	WASHER	1
3	SR-1562	HOUSING	1
4	SR-1567	NUT	1
5	C-5768	PIPE PLUG - 1/8"	1
6	SR-1566	GASKET	1
7	SR-1565	SPRING	1
(USED WITH REAR DUMP EMERGENCY BRAKE SYSTEM)			

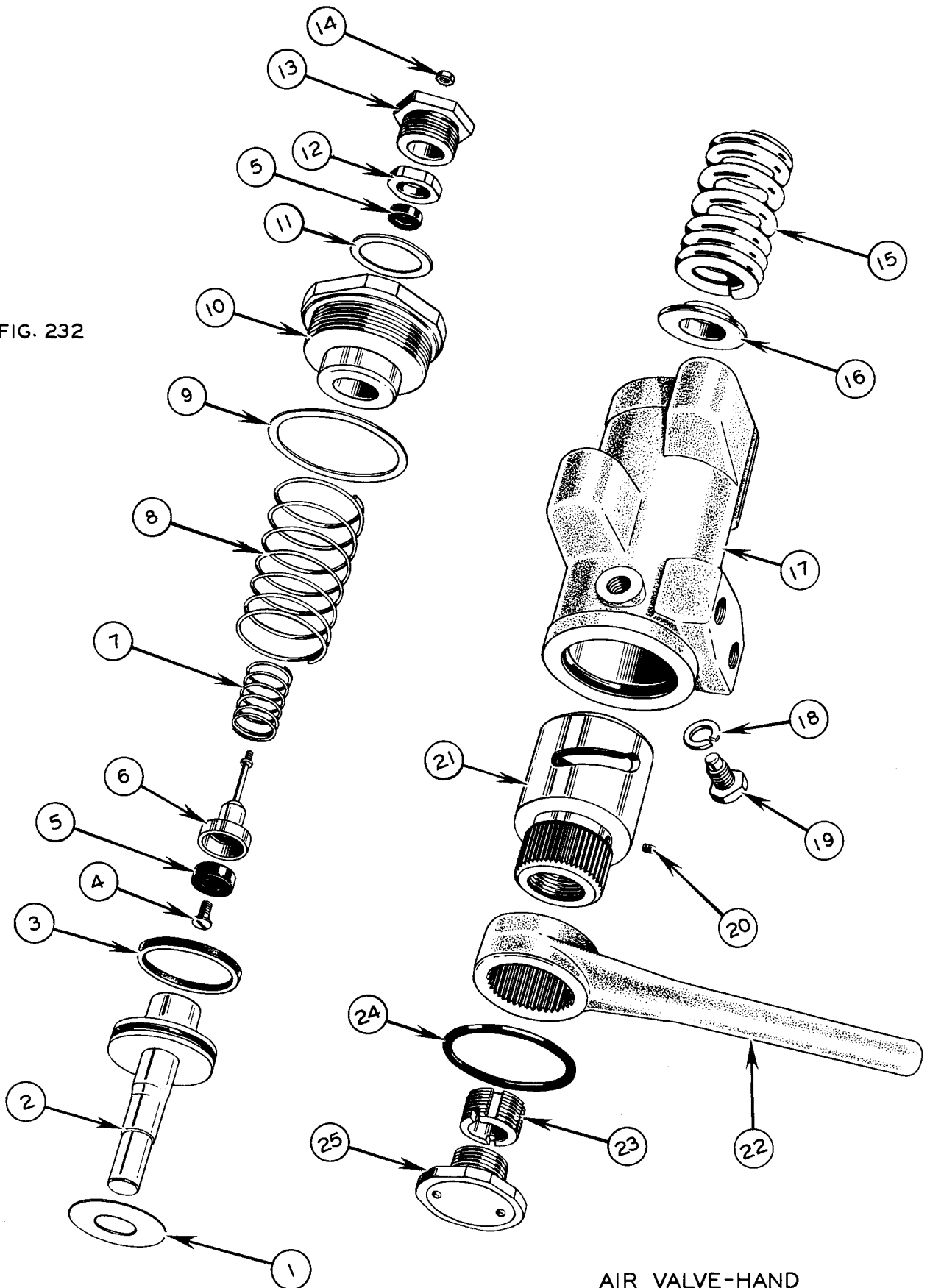
FIGURE 807B

TRACTOR PROTECTION VALVE ASSEMBLY SV-8852

1	SR-1586	CAP	1
2	SR-1583	GROMMET	1
3	SR-1587	CAP NUT	1
4	SR-1582	DIAPHRAGM	1
5	SR-1585	GROMMET	1
6	SV-6837	BODY	1
7	SV-6839	VALVE GUIDE	1
8	SP-9047	GROMMET	1
9	SV-6840	VALVE SEAT	1
10	SR-1574	BODY GROMMET	1
11	SR-1575	DISC VALVE	1
12	SV-6842	COVER	1
13	SV-6841	SPRING	1
14	SH-5979	CAPSCREW	4
15	SG-1184	LOCKWASHER	4
16	SR-1572	GROMMET	1
17	SR-1576	SPRING	1
18	SV-6845	PLUNGER	1
19	SV-6843	SPRING	1
20	SV-6846	FOLLOWER	2
21	SR-1584	NUT	1
22	SG-1177	COTTER PIN	1
23	SV-6838	VALVE	1
NOT SHOWN			
	SV-6847	PIPE PLUG	1
NOTE: SV-6844 EXHAUST VALVE PLUNGER ASSY. INCLUDES REF. NOS. 2, 4, 18 & 20 THRU 22.			
(USED WITH REAR DUMP EMERGENCY BRAKE SYSTEM)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 232



AIR VALVE-HAND

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 232

AIR VALVE ASSEMBLY CD-1633

Ref. No.	Part No.	Description	Qty.
1	SD-6282	WASHER	1
2	SV-4728	PISTON	1
3	SV-4729	CUP	1
4	DC-5003	SCREW - #6-32 x 5/16"	1
5	SD-6277	INSERT	2
6	SD-5447	STEM	1
7	SD-5448	SPRING	1
8	SD-5443	SPRING	1
9	SD-5442	GASKET	1
10	SD-5441	CAP	1
11	SD-5440	GASKET	1
12	SD-5446	BODY	1
13	SD-5439	PLUG	1
14	R-2639	NUT - #6-32	1
15	SD-6280	SPRING	1
16	SD-6281	RETAINER	1
17	SD-5444	HOUSING	1
18	CD-296	LOCKWASHER - 5/16"	2
19	SD-6287	PIN	2
20	SD-6289	SETSCREW	2
21	SR-1556	CAM	1
22	SH-4080	HANDLE	1
23	SD-6290	GUIDE	1
24	SD-6288	"O" RING	1
25	SH-4082	NUT	1
(USED WITH REAR DUMP)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

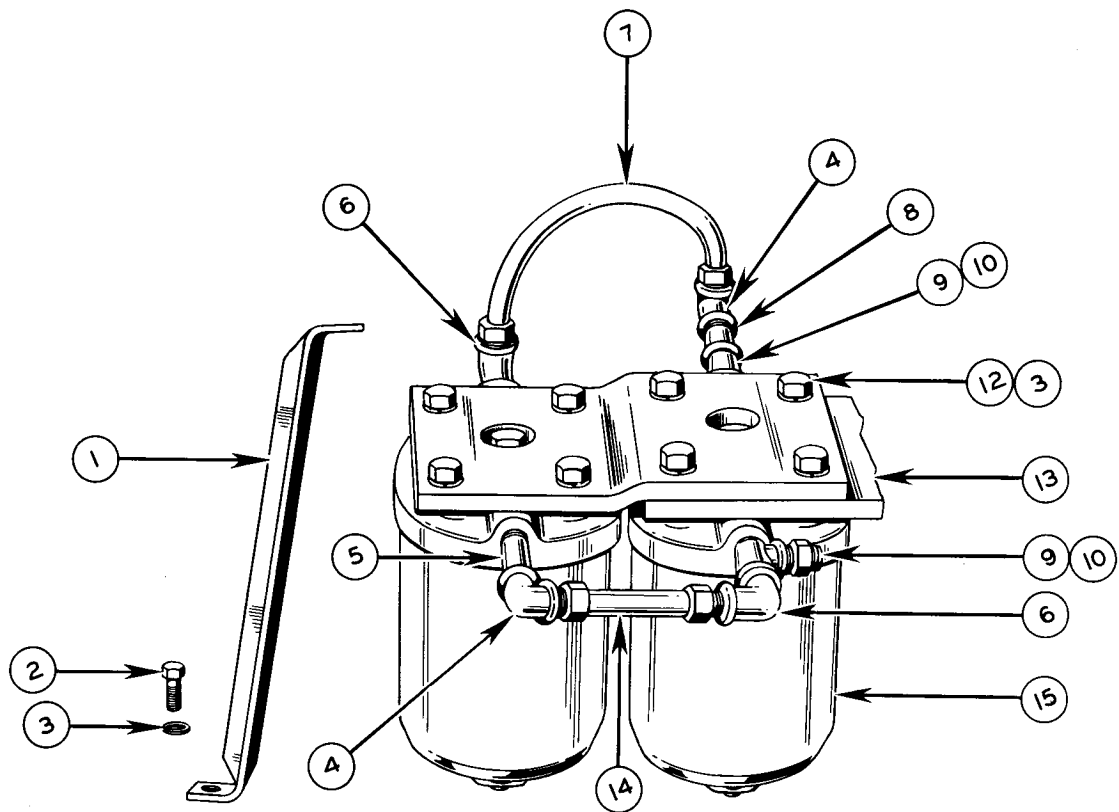


FIGURE 487 A

DOUBLE FUEL FILTER

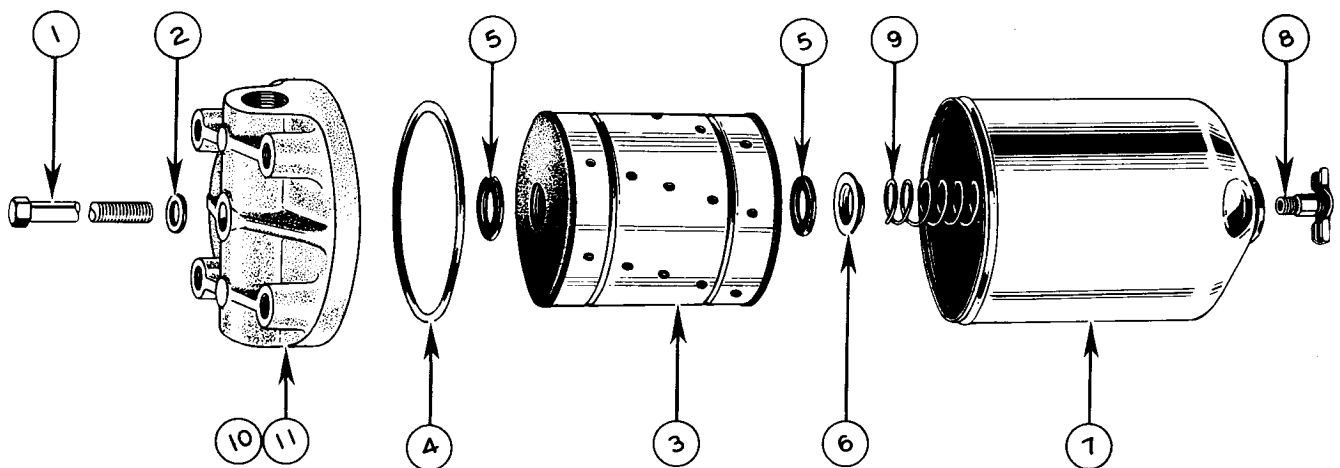


FIGURE 487 B

FUEL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 487A

DOUBLE FUEL FILTER

Ref. No.	Part No.	Description	Qty.
1	TC-1445	STABILIZER	1
2	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	1
3	C-312	LOCKWASHER - 3/8"	5
4	H-5817	#70 FLEX ELL ASSEMBLY	2
5	S-7198	PIPE NIPPLE - 1/2" x 3"	1
6	SC-4938	#69 FLEX ELL	2
7	TC-3712	TUBE - 5/8" x 18 1/4"	1
8	F-4820	PIPE NIPPLE - 1/2" x 1 1/2"	1
9	SP-9294	STREET TEE - 1/2"	2
10	HC-2487	#68 FLEX CONNECTOR	2
11	TC-1448	MOUNT PLATE	1
12	C-1605	CAPSCREW - 3/8" NC x 1 3/4"	4
13	TC-1444	MOUNT BRACKET (See Engine Miscellaneous)	1
14	SP-9291	TUBE - 5/8" x 2 15/16"	1
15	SP-9331	FUEL FILTER (See Below)	1
(OPTIONAL) (USED WITH CUMMINS ENGINES)			

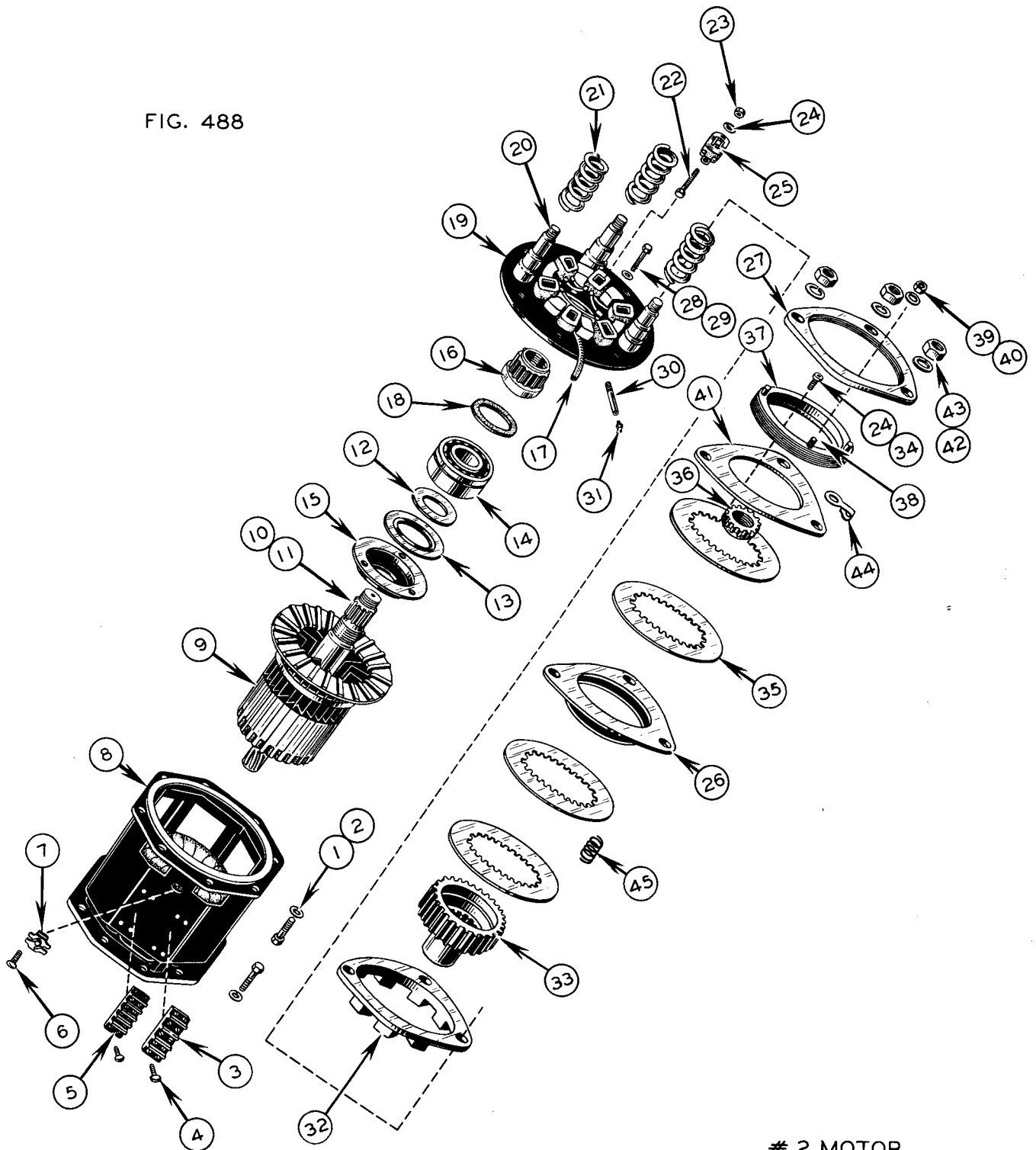
FIGURE 487B

FUEL FILTER ASSEMBLY SP-9331

1	SR-1592	BOLT	1
2	SR-1593	DYNA-SEAL	1
3	SR-1557	ELEMENT & GASKET ASSY.	1
4	SR-1595	GASKET	1
5	SR-1594	GASKET	2
6	SR-1598	WASHER	1
7	SR-1597	BODY	1
8	SH-9926	DRAIN COCK	1
9	SR-1596	SPRING	1
10	SR-1599	HEAD	1
11	SL-3072	SLEEVE	1
(USED WITH CUMMINS ENGINES)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 488



2 MOTOR

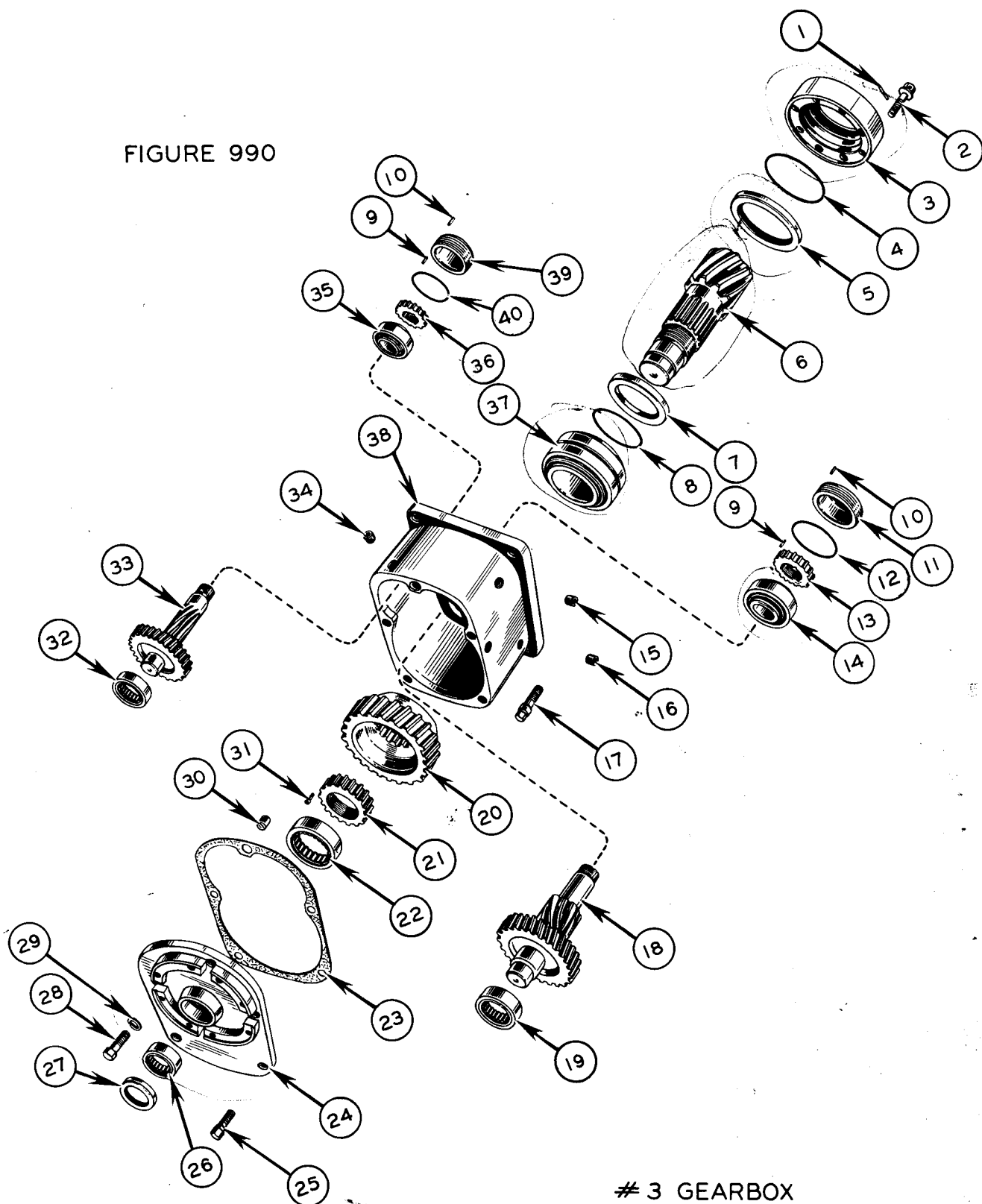
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 488 #2 MOTOR ASSEMBLIES SR-5333
DL-183 } 1800 R.P.M. TC-8914
DL-1695 } 2400 R.P.M.

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1609	Capscrew - 7/16" nc x 1 1/2" ...	16	27	SF-327	Plate	1
2	C-5775	Lockwasher - 7/16"	16	28	SF-1192	Capscrew - 3/8" nf x 2"	3
3	SC-3796	Terminal Strip *	1	29	C-312	Lockwasher - 3/8"	3
	SR-8241	Terminal Strip **	1	30	DD-7254	Grease Pipe	1
	SR-4540	Insulation Strip **	1	31	DC-35	Grease Fitting	1
4	DL-320	Screw - #8-32 x 7/8" ⊗	4	32	DL-1476	Plate	1
	HD-8578	Flatwasher - #8 ⊗	4	33	SF-1307	Hub	1
	SC-3544	Screw - #8-32 x 3/4"	8	34	R-3870	Capscrew - 5/16" nc x 1/2"	1
5	SC-3548	Terminal Strip *	1	35	TD-4400	Disc	4
	SR-8235	Terminal Strip **	1	36	DD-1851	Locknut	1
	DH-9868	Insulation Strip **	1	37	TC-9962	Adjusting Nut	1
6	SC-3545	Screw - #8-32 x 1/2"	2	38	TC-9963	Lockbolt	1
7	DC-2862	Switch, Overload	1	39	DL-1479	Nut - 1/2" nf	1
8	DL-2212	Stator Assembly ¢	1	40	C-1540	Lockwasher - 1/2"	1
	DL-2313	Stator Assembly %	1	41	SF-323	Plate	1
9	DL-2315	Rotor & Shaft Assembly ¢	1	42	C-1528	Nut - 3/4" nf	3
	DL-2314	Rotor & Shaft Assembly %	1	43	DD-1726	Lockwasher - 3/4"	3
	DL-2240	Rotor	1	44	SR-3983	Spring Clip	3
10	DD-7297	Pinion - 13 Tooth ¢	1	45	DH-6793	Spring	3
	DD-7264	Pinion - 10 Tooth %	1			Not Shown	
11	DD-7279	Key	1		DC-5604	Screw, Self-Tapping	4
12	DH-484	Seal Ring, Inner	1		DC-8163	Clamp - 3/8" Tube	2
13	DH-486	Seal Ring, Outer	1		H-3336	Capscrew - 1/4" nc x 3/8"	2
14	DG-7222	Bearing	1		DC-8164	Clamp - 1/4" Tube	1
15	DH-483	Retainer	1		DC-9353	Screw - #8-32 x 1/4"	1
16	SV-6247	Locknut	1		DF-1311	Grommet	1
17	DH-9784	Wire Harness	1		DF-1800	Capscrew - 1/4" nc x 3/4"	2
18	DD-2532	Felt Seal	1		DF-1577	Nut - 1/4" nc	2
19	DL-1475	End Bell	1			* Used with SR-5333 Assy.	
20	DD-1588	Stud	3			** Used with DL-183, TC-8914 & DL-1695 Assys.	
21	TD-8336	Spring	3			⊗ Used with SR-8241 Terminal Strip.	
22	DL-24	Capscrew - 5/16" nf x 2 1/2" ...	6			¢ Used with SR-5333 & DL-183 Assys.	
23	DD-7501	Nut - 5/16" nf	6			% Used with TC-8914 & DL-1695 Assys.	
24	C-1538	Lockwasher - 5/16"	7				
25	DL-1980	Coil Assembly	6				
26	DH-349	Spacer	1				

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 990



3 GEARBOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 990

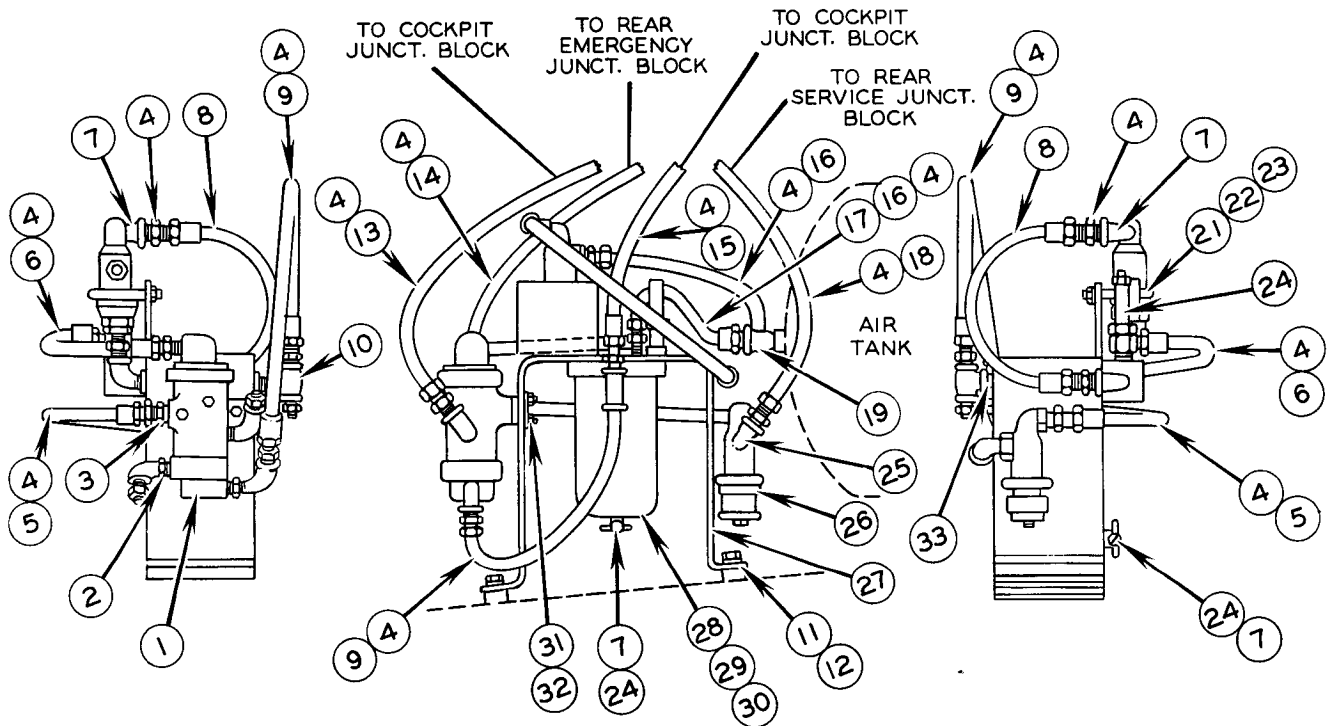
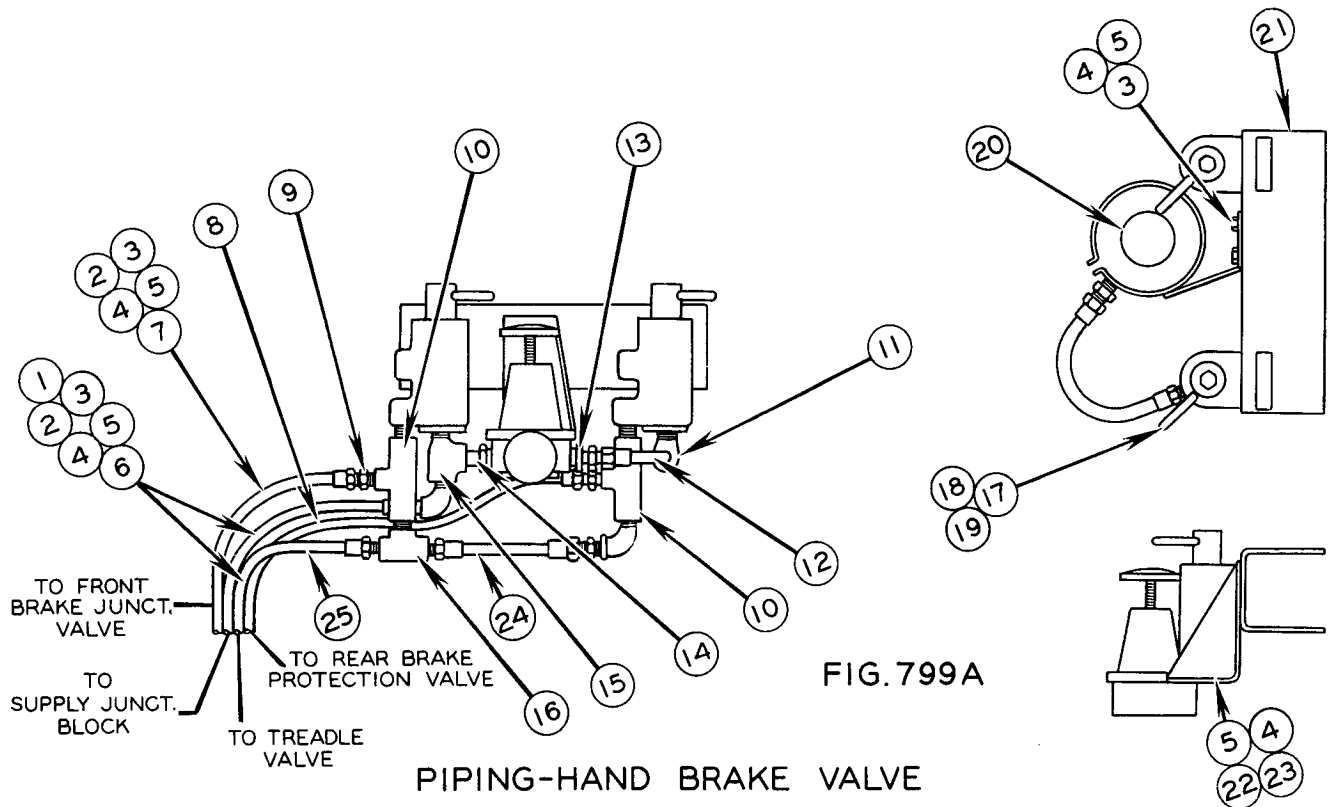
#3 GEAR BOX ASSEMBLIES

SP-8120 TC-7937

TC-7140 TD-8473 TF-5026

Ref. No.	Part No.	Description	Qty.
1	SL-490	ROLL PIN	8
2	SL-2335	CAPSCREW *	8
	TF-5023	CAPSCREW **	8
3	TF-5024	RETAINER **	1
	SL-2549	RETAINER *	1
4	SL-2546	GASKET *	1
	TF-5022	"O" RING **	1
5	SF-1708	OIL SEAL	1
6	SL-5039	SHAFT	1
7	SL-5024	BUSHING	1
8	DF-9188	"O" RING	1
9	SG-3840	PIPE PLUG - 1/16"	2
10	S-9652	SETSCREW, CUP POINT	2
11	TC-9764	RETAINER KIT	1
12	TC-8187	"O" RING	1
13	SG-4012	NUT	1
14	SG-2048	BEARING	1
15	F-2313	PLUG, VENT - 1/2"	1
16	R-4288	PIPE PLUG - 1/2"	3
17	CD-1038	CAPSCREW (Not Included in Assembly)	4
18	SG-4022	GEAR, 2nd REDUCTION	1
19	SG-2047	BEARING	1
20	SG-3750	BEAR, OUTPUT	1
21	SG-3753	LOCKNUT	1
22	SF-1515	BEARING	1
23	SL-495	GASKET	1
24	SP-8118	END BELL ☉	1
	SG-3550	END BELL ☉☉	1
25	R-1591	CAPSCREW	4
26	SF-1513	BEARING	1
27	DC-8157	OIL SEAL	1
28	C-1713	CAPSCREW - 3/4" NF x 3"	1
29	H-4428	WASHER, COPPER - 3/4"	1
30	SC-2999	DOWEL	1
31	DD-7250	CAPSCREW, SOCKET HEAD - 1/4" NC x 3/8"	1
32	SF-6626	BEARING	1
33	SG-4016	GEAR, 1st REDUCTION %	1
	SG-4019	GEAR, 1st REDUCTION @	1
34	SF-9435	PLUG, MAGNETIC - 1/2"	1
35	SG-2991	BEARING	1
36	SG-3828	NUT	1
37	CD-4800	BEARING	1
38	SL-2548	CASE	1
39	TC-9763	RETAINER KIT	1
40	TC-8186	"O" RING	1
NOT SHOWN			
	TD-3120	PLUG, OIL LEVEL - 1/2"	1
NOTES: * USED WITH SP-8120, TC-7140, TC-7937 & TD-8473 ASSYS. ** USED WITH TF-5026 ASSY. ☉ USED WITH SP-8120, TC-7140 & TC-7937 ASSYS. ☉☉ USED WITH TD-8473 & TF-5026. % USED WITH SP-8120 & TC-7140 ASSYS. @ USED WITH TC-7937, TD-8473 & TF-5026 ASSYS.			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 799A

PIPING - HAND BRAKE VALVE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SR-4231	Hose Assembly - 3/8" x 22"	1	14	R-2510	Close Nipple - 1/4"	2
	SR-4206	Hose Assembly - 3/8" x 6" *	1	15	SF-4602	Street Tee - 1/4"	1
2	H-3167	Jiffy Clamp - 3/8"	1	16	R-2508	Tee - 1/4"	1
3	H-8136	Capscrew - 1/4" nc x 1/2"	2	17	CD-1633	Valve (See Index)	2
4	C-5774	Lockwasher - 1/4"	AR	18	E-4538	Capscrew - 5/16" nc x 3/4" ...	4
5	C-5780	Nut - 1/4" nc	AR	19	C-1538	Lockwasher - 5/16"	4
6	H-4669	Cat Clip	1	20	SP-9314	Regulator **	1
7	SR-4231	Hose Assembly - 3/8" x 22"	1	21	SH-9907	Mount Bracket	1
	SR-4232	Hose Assembly - 3/8" x 27"	1	22	SP-3502	Mount Bracket	1
8	SR-4236	Hose Assembly - 3/8" x 33" *	1	23	CC-7201	Capscrew - 1/4" nc x 3/4" ...	1
	SR-4235	Hose Assembly - 3/8" x 30"	1	24	SR-4208	Hose Assembly - 3/8" x 7" ...	1
9	SL-5636	Adaptor, Male - 1/4"	4	25	SR-4230	Hose Assembly - 3/8" x 24" * ...	1
10	DD-9468	Check Valve	2			* Effective with Serial Suffix	
11	S-2916	Street Ell - 1/4" x 90°	3			BPF3 Only.	
12	SR-4218	Hose Assembly - 3/8" x 12"	1			** Includes SV-4748 Diaphragm	
13	R-86	Bushing - 3/8" x 1/4"	2			Note: Hose Lengths are less Fittings	

(USED WITH REAR DUMP)

(Effective thru Serial Suffix BPF3-B, BPF4-G & BPA4-C)

FIGURE 799B

PIPING - EMERGENCY BRAKE

1	SV-8852	Valve, Tractor Protection (See Index)	1	18	SR-4269	Hose Assembly - 3/8" x 114" ...	1
2	R-86	Bushing - 3/8" x 1/4"	4	19	SF-4602	Street Tee - 1/4"	1
3	R-5412	Capscrew - 5/16" nc x 3 1/4"	2	20	SP-6074	Clamp	2
4	SL-5636	Adaptor, Male - 1/4"	AR	21	C-5780	Nut - 1/4" nc	4
5	SR-4225	Hose Assy. - 3/8" x 18"	1	22	C-5774	Lockwasher - 1/4"	4
6	SR-4418	Hose Assy. - 1/4" x 12"	1	23	SL-3279	Valve, Unloader (See Index)	1
7	S-2916	Street Ell - 1/4" x 90°	6	24	HC-1851	Drain Cock	1
8	SR-4221	Hose Assy. - 3/8" x 14"	1	25	S-7182	Street Ell - 1/4" x 45°	1
9	SR-4223	Hose Assy. - 3/8" x 16"	1	26	DD-5178	Air Cleaner (See Index)	2
10	R-2508	Tee - 1/4"	1	27	SV-8044	Bracket	1
11	D-3994	Capscrew - 1/2" nf x 3/4"	4	28	HE-3974	Air Filter (See Index)	1
12	C-1540	Lockwasher - 1/2"	4	29	C-1602	Capscrew - 3/8" x 1"	2
13	SR-4257	Hose Assy. - 3/8" x 78"	1	30	C-312	Lockwasher - 3/8"	2
14	SR-4265	Hose Assy. - 3/8" x 102" *	1	31	C-1538	Lockwasher - 5/16"	2
	SR-4269	Hose Assy. - 3/8" x 114"	1	32	C-1520	Nut - 5/16" nc	2
15	SR-4253	Hose Assy. - 3/8" x 66" *	1	33	R-2510	Close Nipple - 1/4"	1
	SR-4255	Hose Assy. - 3/8" x 72"	1			* Effective with Serial Suffix	
16	SR-4275	Hose Assy. - 3/8" x 12' *	2			BPF3 Only.	
	SR-4208	Hose Assy. - 3/8" x 7"	1			Note: Hose Lengths are less Fittings	
17	SR-4219	Hose Assy. - 3/8" x 12" - (Tank to Moisture Trap)	1				

(USED WITH REAR DUMP)

(Effective thru Serial Suffix BPF3-B, BPF4-G & BPA4-C)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

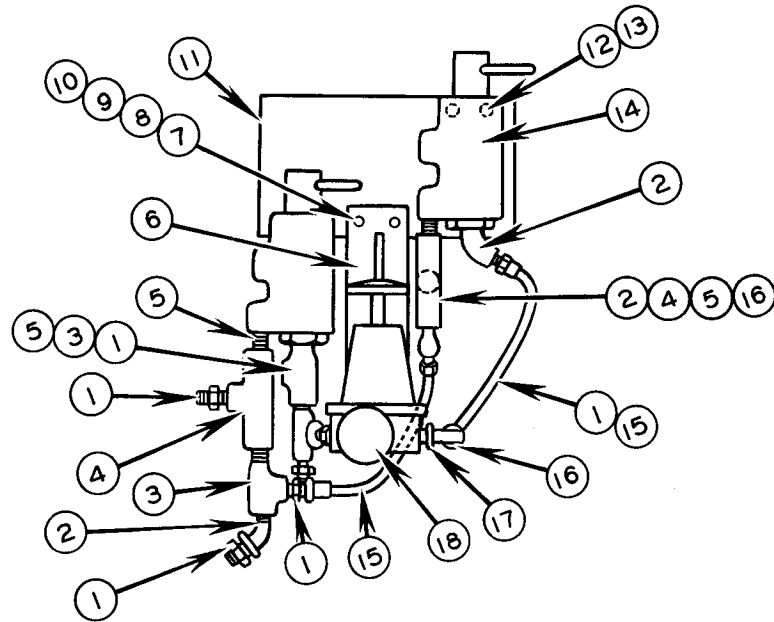


FIG. 1011A

PIPING-HAND BRAKE VALVE

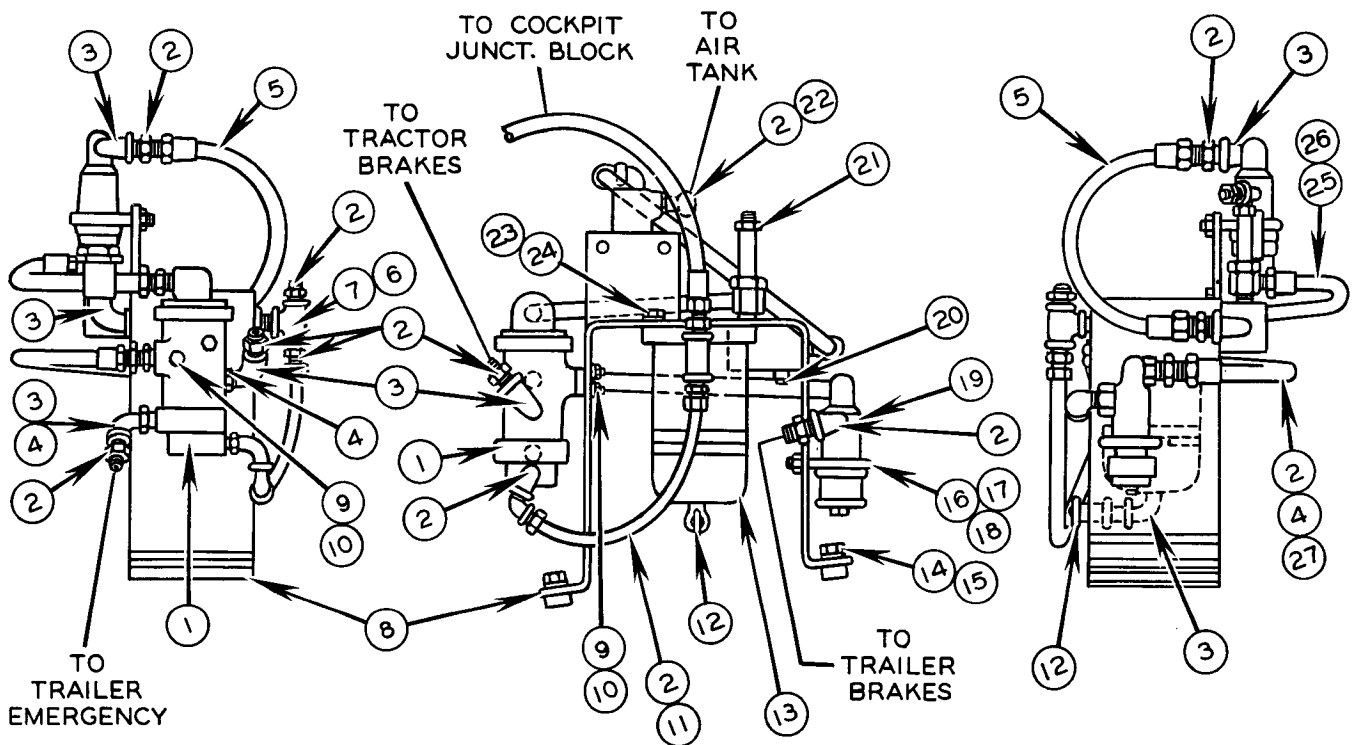


FIG. 1011B

PIPING-EMERGENCY BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1011A

PIPING - HAND BRAKE VALVE

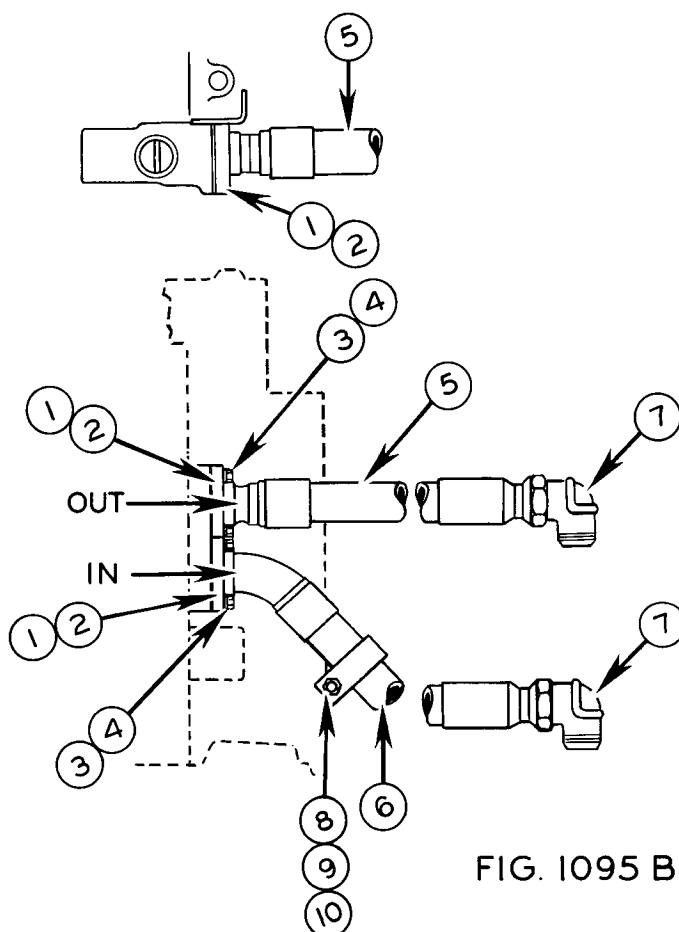
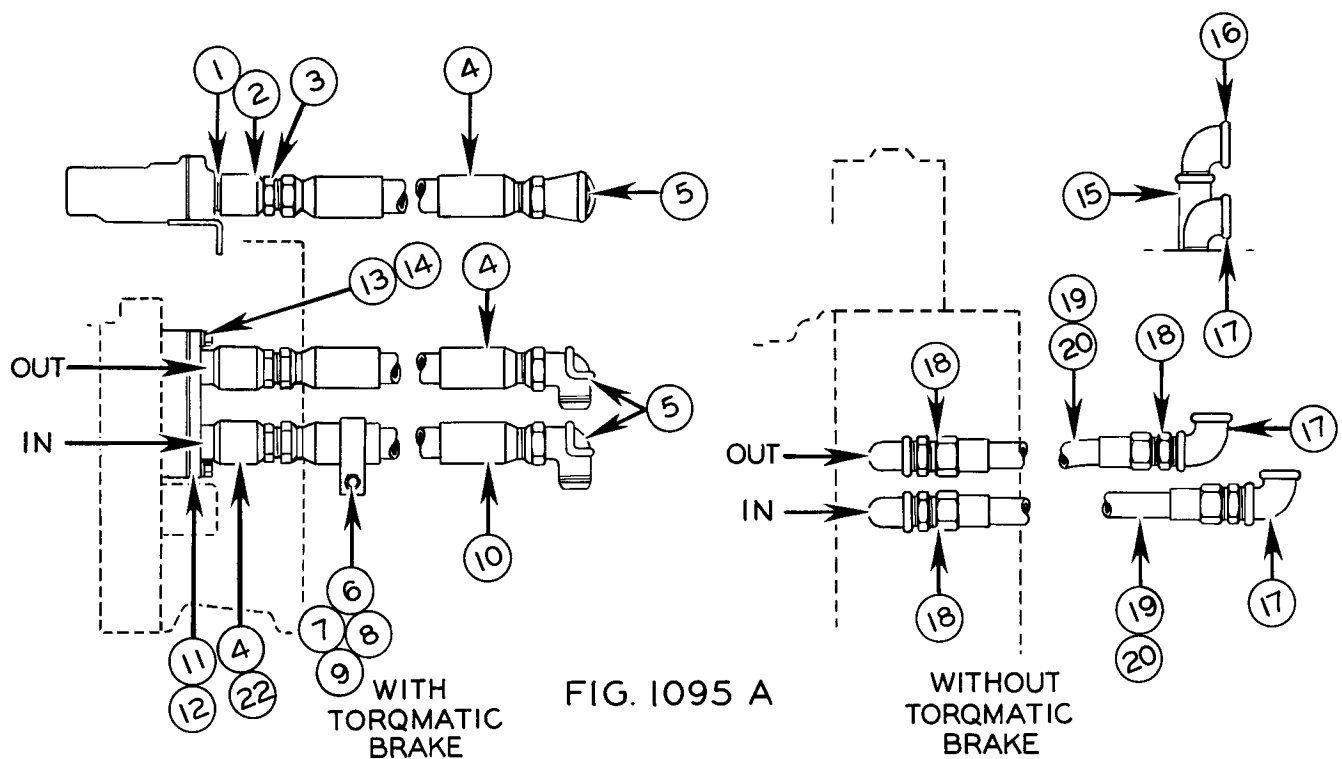
Ref. No.	Part No.	Description	Qty.
1	TD-9720	ADAPTOR, MALE	5
2	S-7182	STREET ELL - 1/4" x 45°	3
3	SF-4602	STREET TEE - 1/4"	3
4	DD-9468	CHECK VALVE	2
5	R-2510	CLOSE NIPPLE - 1/4"	3
6	TD-8775	BRACKET	1
7	H-8136	CAPSCREW - 1/4" NC x 1/2"	2
8	CC-7201	MACHINE SCREW - 1/4" NC x 3/4"	1
9	C-5774	LOCKWASHER - 1/4"	2
10	C-5780	NUT - 1/4" NC	3
11	TD-9684	BRACKET	1
12	R-3868	CAPSCREW - 5/16" NC x 1/2"	4
13	C-1538	LOCKWASHER - 5/16"	4
14	CD-1633	AIR VALVE (See Index)	2
15	TF-4210	AIR HOSE ASSEMBLY - 3/8" x 10"	2
16	TD-5556	ADAPTOR - 90°	2
17	R-86	BUSHING - 3/8" x 1/4"	2
18	SP-9314	REGULATOR	1
(USED WITH REAR DUMP) (EFFECTIVE WITH SERIAL SUFFIX BPF4-H & BPA4-D)			

FIGURE 1011 B

PIPING - EMERGENCY BRAKE

1	SV-8852	TRACTOR PROTECTION VALVE (See Index)	1
2	TD-9720	ADAPTOR, MALE	9
3	S-2916	STREET ELL - 1/4" x 90°	9
4	R-86	BUSHING - 3/8" x 1/4"	4
5	TF-4223	HOSE ASSEMBLY - 3/8" x 18"	1
6	R-2510	CLOSE NIPPLE - 1/4"	1
7	R-2508	TEE - 1/4"	1
8	SV-8044	BRACKET, VALVE	1
9	C-1520	NUT - 5/16" NC	2
10	C-1538	LOCKWASHER - 5/16"	2
11	TF-4208	HOSE ASSEMBLY - 3/8" x 9"	1
12	HC-1851	DRAIN COCK	1
13	HE-3974	AIR FILTER ASSEMBLY (See Index)	1
14	D-3994	CAPSCREW - 1/2" NF x 3/4"	4
15	C-1540	LOCKWASHER - 1/2"	4
16	SP-6074	"U" CLAMP	2
17	C-5774	LOCKWASHER - 1/4"	4
18	C-5780	NUT - 1/4" NC	4
19	DH-5178	AIR CLEANER	2
20	C-5769	PIPE PLUG - 1/4"	2
21	SL-3279	VALVE, COMPRESSOR UNLOADER (See Index)	1
22	S-7182	STREET ELL - 1/4" x 45°	1
23	C-1602	CAPSCREW - 3/8" NC x 1"	2
24	C-312	LOCKWASHER - 3/8"	2
25	TF-4418	HOSE ASSEMBLY - 1/4" x 14"	1
26	TD-9719	ADAPTOR, MALE	1
27	TF-4223	HOSE ASSEMBLY - 3/8" x 18"	1
(USED WITH REAR DUMP) (EFFECTIVE WITH SERIAL SUFFIX BPF4-H & BPA4-D)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



PIPING-ALLISON TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1095A

PIPING - ALLISON TRANSMISSION

Ref. No.	Part No.	Description	Qty.
1	SV-8013	CLOSE NIPPLE - 2"	2
2	HC-3865	COUPLING - 2"	2
3	SV-6653	ADAPTOR - 2"	2
4	TC-9209	HOSE ASSEMBLY (Cummins Engine)	1
	SV-6657	HOSE ASSEMBLY (GM Engine)	1
5	SV-6654	ELBOW, AEROQUIP - 2" x 90°	2
6	SV-5230	CLAMP - 2"	4
7	TC-1846	CLAMP, AEROQUIP	1
8	C-5774	LOCKWASHER - 1/4"	5
9	C-5780	NUT - 1/4" NC	5
10	TC-9208	HOSE ASSEMBLY (Cummins Engine)	1
	SV-8010	HOSE ASSEMBLY (GM Engine)	1
11	SV-6651	FLANGE	1
12	HC-557	"O" RING	2
13	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	8
14	C-1540	LOCKWASHER - 1/2"	8
15	HE-5120	NIPPLE - 1" x 4"	1
16	DC-3417	ELL - 1" x 90°	1
17	R-1362	STREET ELL - 1" x 90°	3
18	SV-2718	ADAPTOR	4
19	SV-4520	CLAMP	4
20	TC-5781	HOSE ASSEMBLY	1
21	TC-5783	HOSE ASSEMBLY	1
22	TC-6972	ELBOW - 2" x 45°	1
(EFFECTIVE WITH SERIAL SUFFIX BPA4 THRU BPA4-J.)			

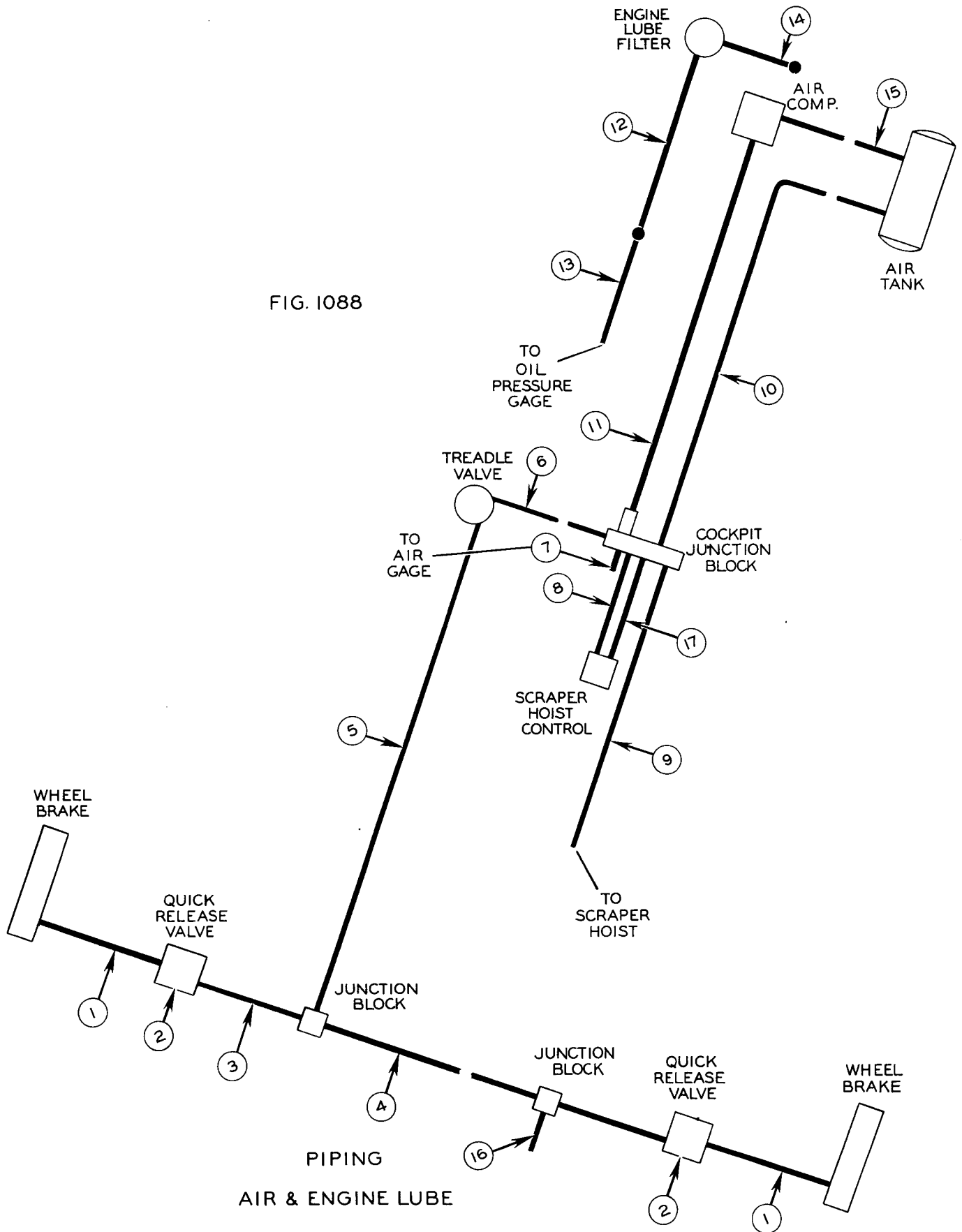
FIGURE 1095B

PIPING - ALLISON TRANSMISSION

1	TF-3232	"O" RING	2
2	TF-3231	FLANGE, SPLIT	4
3	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	8
4	C-1540	LOCKWASHER - 1/2"	8
5	TF-6385	HOSE ASSEMBLY (GM Engine)	1
	TF-8201	HOSE ASSEMBLY (Cummins Engine) } (To Heat Exchanger)	1
6	TF-6386	HOSE ASSEMBLY (GM Engine)	1
	TF-8202	HOSE ASSEMBLY (Cummins Engine) } (From Heat Exchanger)	1
7	TF-3234	ADAPTOR - 2" x 90°	2
8	TG-408	CLAMP - 2"	3
9	C-5780	NUT - 1/4" NC	3
10	C-5774	LOCKWASHER - 1/4"	3
(EFFECTIVE WITH SERIAL SUFFIX BPA4-K.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1088



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1088

PIPING - AIR & ENGINE LUBE

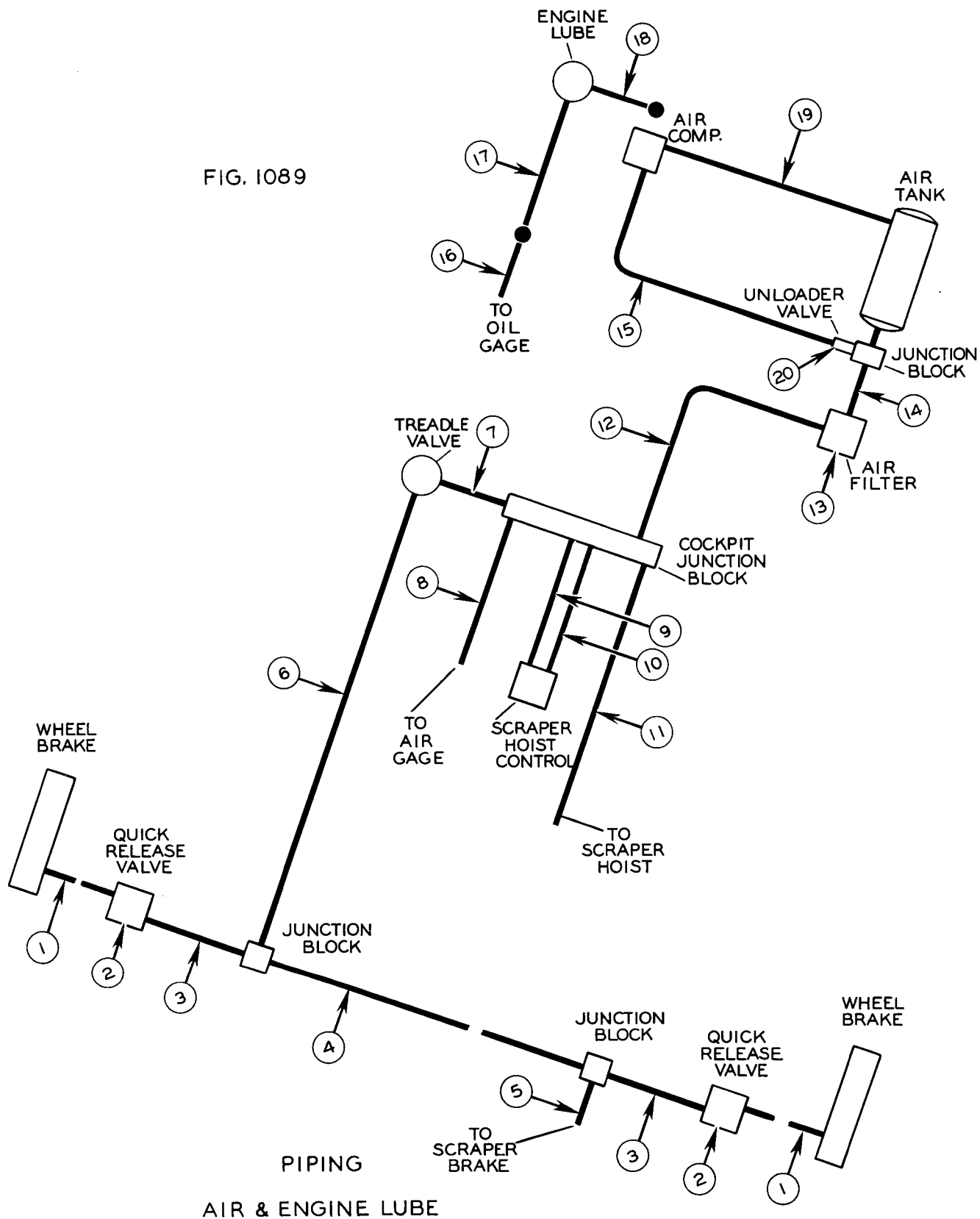
Ref. No.	Part No.	Description	Qty.
1	SR-4222	HOSE ASSY. - 3/8" x 18"	2
	TF-4222	HOSE ASSY. - 3/8" x 18" *	2
2	HD-3675	VALVE, QUICK RELEASE (See Index)	2
	C-3145	CAPSCREW - 1/4" nc x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
	SR-2574	COVER, VALVE	2
	H-8524	CAPSCREW - 3/8" nc x 5/8"	8
	C-312	LOCKWASHER - 3/8"	8
3	SR-4220	HOSE ASSY. - 3/8" x 16"	2
	TF-4214	HOSE ASSY. - 3/8" x 12" *	2
4	SR-4240	HOSE ASSY. - 3/8" x 42"	1
	TF-4230	HOSE ASSY. - 3/8" x 27" *	1
5	SR-4252	HOSE ASSY. - 3/8" x 66"	1
	TF-4254	HOSE ASSY. - 3/8" x 72" *	1
6	SR-4226	HOSE ASSY. - 3/8" x 22"	1
	TF-4226	HOSE ASSY. - 3/8" x 22" *	1
7	SR-4144	HOSE ASSY. - 1/4" x 48"	1
	TF-4142	HOSE ASSY. - 1/4" x 45" *	1
	SR-4130	HOSE ASSY. - 1/4" x 27" **	1
8	SR-4226	HOSE ASSY. - 3/8" x 22"	1
	TF-4226	HOSE ASSY. - 3/8" x 22" *	1
9	SR-4281	HOSE ASSY. - 3/8" x 180"	1
	TF-4281	HOSE ASSY. - 3/8" x 180" *	1
10	SR-4245	HOSE ASSY. - 3/8" x 48" **	1
	SR-4259	HOSE ASSY. - 3/8" x 84"	1
	TF-4255	HOSE ASSY. - 3/8" x 72" *	1
11	SR-4446	HOSE ASSY. - 1/4" x 51" - Cummins	1
	SR-4454	HOSE ASSY. - 1/4" x 72" - GM	1
	TF-4446	HOSE ASSY. - 1/4" x 51" - Cummins *	1
	TF-4454	HOSE ASSY. - 1/4" x 72" - GM *	1
12	SR-4236	HOSE ASSY. - 3/8" x 36"	1
	TF-4236	HOSE ASSY. - 3/8" x 36" *	1
13	SR-4450	HOSE ASSY. - 1/4" x 60"	1
	TF-4448	HOSE ASSY. - 1/4" x 48" *	1
14	SR-4228	HOSE ASSY. - 3/8" x 24"	1
	TF-4232	HOSE ASSY. - 3/8" x 30" *	1
15	TC-3700	TUBE ASSY. - 1/2" O.D. x 47"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
	TC-5738	TUBE ASSY. - 1/2" O.D. x 38"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
16	SR-4271	HOSE ASSY. - 3/8" x 120"	1
	TF-4271	HOSE ASSY. - 3/8" x 120" *	1
17	SR-4222	HOSE ASSY. - 3/8" x 18"	1
	TF-4222	HOSE ASSY. - 3/8" x 18" *	1
18	SL-3279	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1

* EFFECTIVE WITH SERIAL SUFFIX BPA4-D.
 ** EFFECTIVE THRU SERIAL SUFFIX BPF3-B.

(USED WITH SCRAPER)
 (EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-H & BPA4-F.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1089



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1089

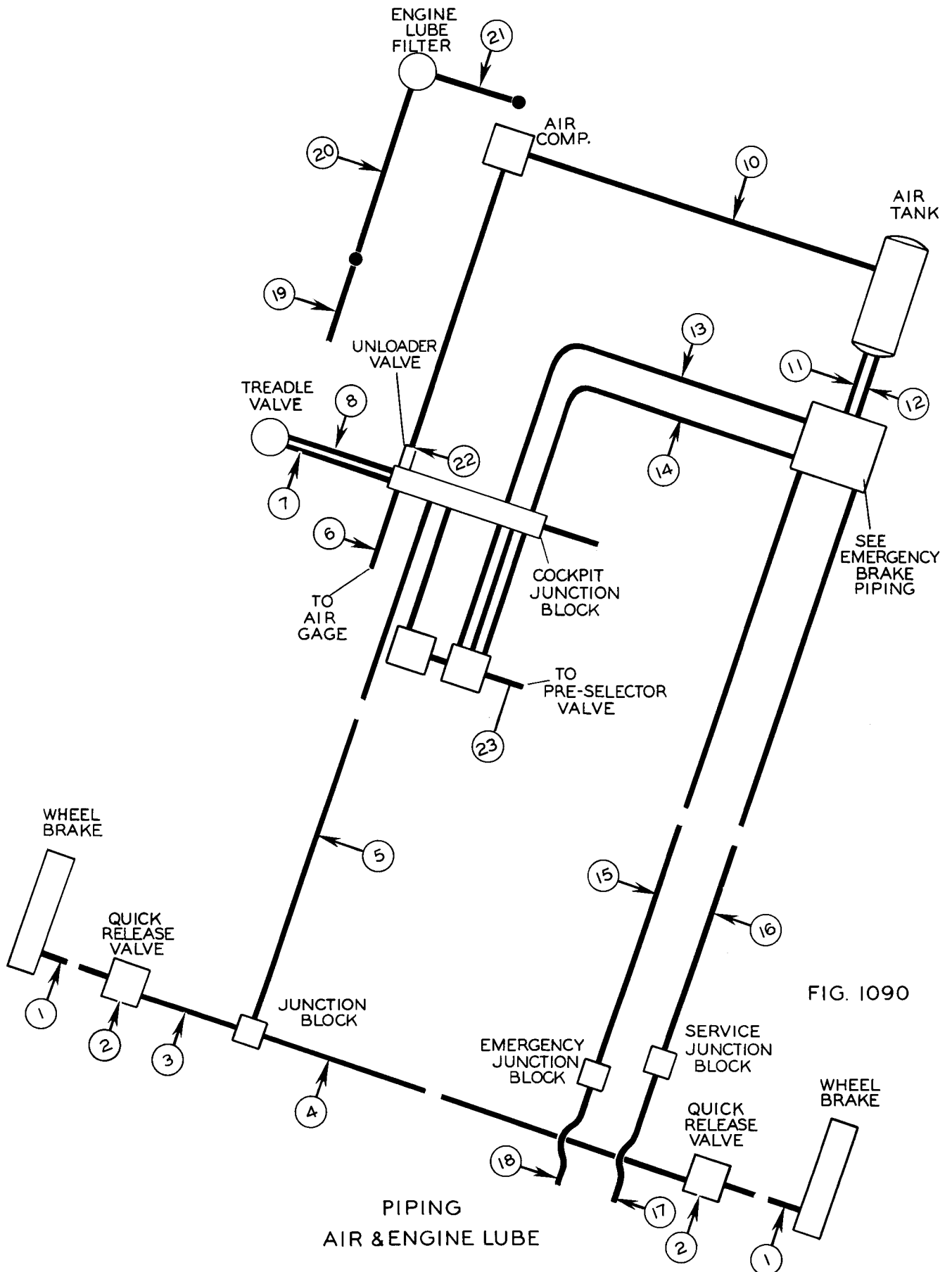
PIPING - AIR & ENGINE LUBE

Ref. No.	Part No.	Description	Qty.
1	TF-4222	HOSE ASSY. - 3/8" x 18" - Quick Release Valve to Wheel Brake	2
2	HD-3675	VALVE, QUICK RELEASE (See Index)	2
	C-3145	CAPSCREW - 1/4" NC x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
3	TF-4214	HOSE ASSY. - 3/8" x 12" *	2
	TF-4220	HOSE ASSY. - 3/8" x 16" **	2
4	TF-4234	HOSE ASSY. - 3/8" x 33" *	1
	TF-4230	HOSE ASSY. - 3/8" x 27" **	1
5	TF-4271	HOSE ASSY. - 3/8" x 120" - Rear Junct. Block to Scraper Brakes	1
6	TF-4254	HOSE ASSY. - 3/8" x 72" - Treadle Brake Valve to Rear Junct. Block	1
7	TF-4226	HOSE ASSY. - 3/8" x 22" - Treadle Brake Valve to Cockpit Junct. Block ..	1
8	TF-4142	HOSE ASSY. - 1/4" x 45" - Cockpit Junct. Block to Air Gage	1
9	TF-4226	HOSE ASSY. - 3/8" x 22" - Cockpit Junct. Block to Scraper Control	1
10	TF-4222	HOSE ASSY. - 3/8" x 18" - Cockpit Junct. Block to Scraper Control	1
11	TF-4281	HOSE ASSY. - 3/8" x 180" - Cockpit Junct. Block to Scraper Hoist	1
12	TF-4253	HOSE ASSY. - 3/8" x 66" *	1
	TF-4255	HOSE ASSY. - 3/8" x 72" **	1
13	HE-3974	AIR FILTER * (See Index)	1
	C-1602	CAPSCREW - 3/8" NC x 1" *	2
	C-312	LOCKWASHER - 3/8" *	4
	C-1601	CAPSCREW - 3/8" NC x 3/4" *	2
	TD-6533	BRACKET *	1
14	TF-4222	HOSE ASSY. - 3/8" x 18" * - Filter to Junct. Block	1
15	TF-4454	HOSE ASSY. - 1/4" x 72" - Cummins	1
	TF-4436	HOSE ASSY. - 1/4" x 36" - GM	1
16	TF-4448	HOSE ASSY. - 1/4" x 48" - Engine to Oil Press. Gage - Cummins	1
17	TF-4236	HOSE ASSY. - 3/8" x 36" - Lube Filter to Engine - Cummins	1
18	TF-4232	HOSE ASSY. - 3/8" x 30" - Lube Filter to Engine - Cummins	1
19	TC-5738	TUBE ASSY. - 1/2" O.D. x 38" ☉	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
	TF-1427	TUBE ASSY. - 5/8" O.D. x ☉☉	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
	TD-3435	TUBE ASSY. - 5/8" O.D. x 81" %	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
20	SL-3279	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1

* Used with Serial Suffix BPF4.
** Used with Serial Suffix BPA4.
☉ Used with Serial Suffix BPF4 & BPA4 - GM Engine Only.
☉☉ Eff. thru Serial Suffix BPA4-J & BPF4-N - Cummins Engine Only.
% Eff. with Serial Suffix BPA4-K & BPF4-P - Cummins Engine Only.

(USED WITH SCRAPER)
(EFFECTIVE WITH SERIAL SUFFIX BPF4-J & BPA4-G.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

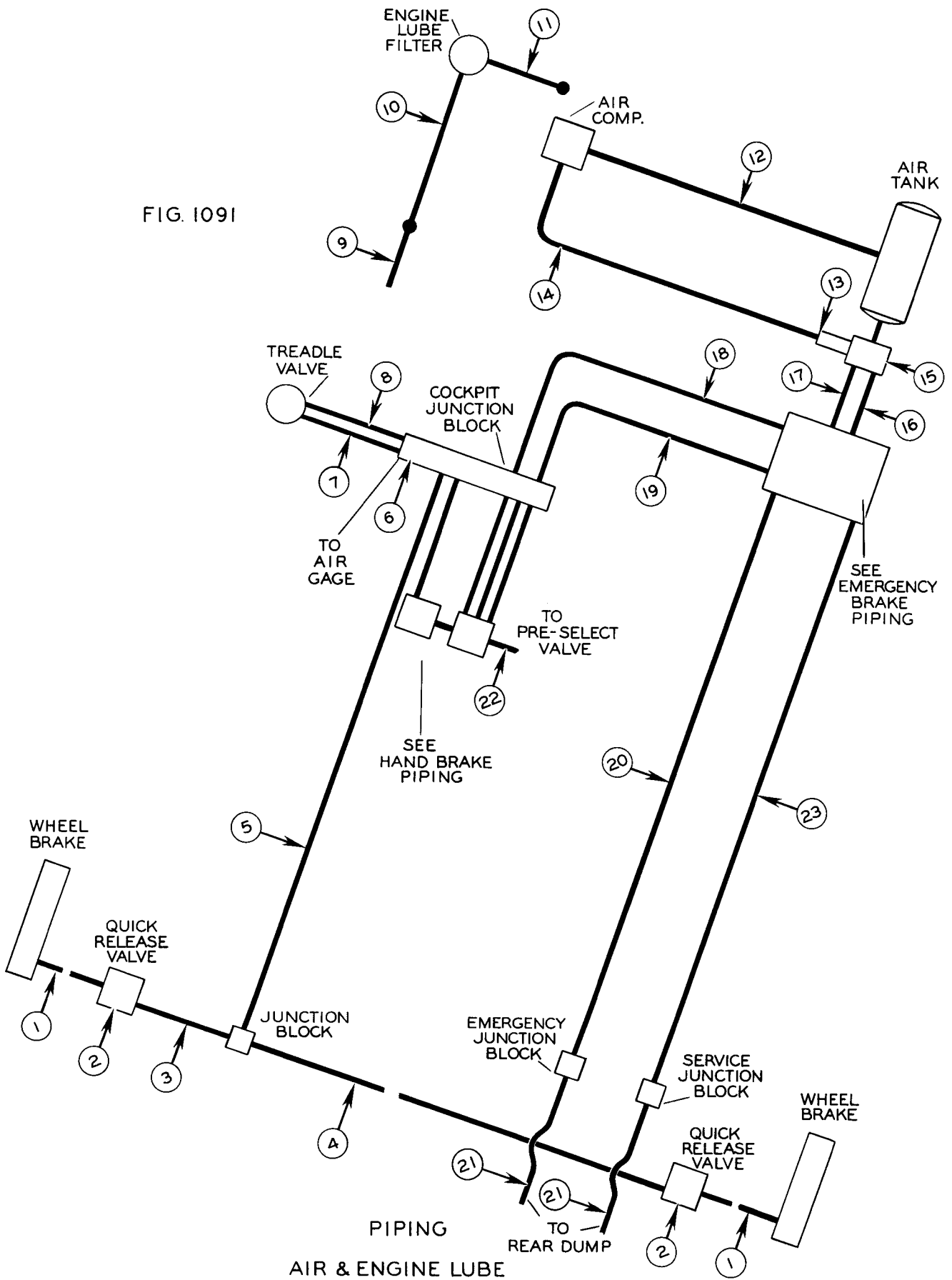
FIGURE 1090

PIPING - AIR & ENGINE LUBE

Ref. No.	Part No.	Description	Qty.
1	SR-4222	HOSE ASSY. - 3/8" x 18" *	2
	TF-4222	HOSE ASSY. - 3/8" x 18" **	2
2	HD-3675	VALVE, QUICK RELEASE (See Index)	2
	C-3145	CAPSCREW - 1/4" NC x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
	SR-2574	COVER, VALVE	2
	H-8524	CAPSCREW - 3/8" NC x 5/8"	8
	C-312	LOCKWASHER - 3/8"	8
3	SR-4220	HOSE ASSY. - 3/8" x 16" *	1
	TF-4220	HOSE ASSY. - 3/8" x 16" **	1
	SR-4214	HOSE ASSY. - 3/8" x 12" *	1
	TF-4214	HOSE ASSY. - 3/8" x 12" **	1
4	SR-4240	HOSE ASSY. - 3/8" x 39" *	1
	TF-4238	HOSE ASSY. - 3/8" x 39" **	1
5	SR-4255	HOSE ASSY. - 3/8" x 72" *	1
	TF-4255	HOSE ASSY. - 3/8" x 72" **	1
6	TF-4142	HOSE ASSY. - 1/4" x 45" - Cockpit	1
7	SR-4226	HOSE ASSY. - 3/8" x 22" *	1
	TF-4226	HOSE ASSY. - 3/8" x 22" **	1
8	SR-4231	HOSE ASSY. - 3/8" x 27" *	1
	TF-4231	HOSE ASSY. - 3/8" x 27" **	1
9	SR-4446	HOSE ASSY. - 1/4" x 51" - Cummins *	1
	TF-4446	HOSE ASSY. - 1/4" x 51" - Cummins **	1
	SR-4454	HOSE ASSY. - 1/4" x 72" - GM *	1
	TF-4454	HOSE ASSY. - 1/4" x 72" - GM **	1
10	TC-5738	TUBE ASSY. - 1/2" O.D. x 38"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
	TC-6161	TUBE ASSY. - 1/2" O.D. x 78"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
	TD-3435	TUBE ASSY. - 5/8" O.D. x 81"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
	TF-1427	TUBE ASSY. - 5/8" O.D. x 72"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
11	SR-4208	HOSE ASSY. - 3/8" x 9" *	1
	TF-4208	HOSE ASSY. - 3/8" x 9" **	1
12	SR-4222	HOSE ASSY. - 3/8" x 18" *	1
	TF-4222	HOSE ASSY. - 3/8" x 18" **	1
13	SR-4255	HOSE ASSY. - 3/8" x 72" *	1
	TF-4255	HOSE ASSY. - 3/8" x 72" **	1
14	SR-4257	HOSE ASSY. - 3/8" x 78" *	1
	TF-4257	HOSE ASSY. - 3/8" x 78" **	1
15	SR-4267	HOSE ASSY. - 3/8" x 108" *	1
	TF-4267	HOSE ASSY. - 3/8" x 108" **	1
16	SR-4269	HOSE ASSY. - 3/8" x 114" *	1
	TF-4269	HOSE ASSY. - 3/8" x 114" **	1
17	SR-4273	HOSE ASSY. - 3/8" x 132" *	1
	TF-4273	HOSE ASSY. - 3/8" x 132" **	1
18	SR-4273	HOSE ASSY. - 3/8" x 132" *	1
	TF-4273	HOSE ASSY. - 3/8" x 132" **	1
19	SR-4450	HOSE ASSY. - 1/4" x 60" *	1
	TF-4448	HOSE ASSY. - 1/4" x 48" **	1
20	SR-4236	HOSE ASSY. - 3/8" x 36" *	1
	TF-4236	HOSE ASSY. - 3/8" x 36" **	1
21	SR-4228	HOSE ASSY. - 3/8" x 24" *	1
	TF-4232	HOSE ASSY. - 3/8" x 30" **	1
22	SP-2442	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1
23	TF-4220	HOSE ASSY. - 3/8" x 16" - Hand Brake Control to Pre-Select Valve	1
		* Effective thru Serial Suffix BPF3-B, BPF4-G & BPA4-C.	
		** Effective with Serial Suffix BPA4-D & BPF4-H.	
		(USED WITH REAR DUMP)	
		(EFFECTIVE THRU SERIAL SUFFIX BPF3-B, BPF4-G & BPA4-F.)	

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1091



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

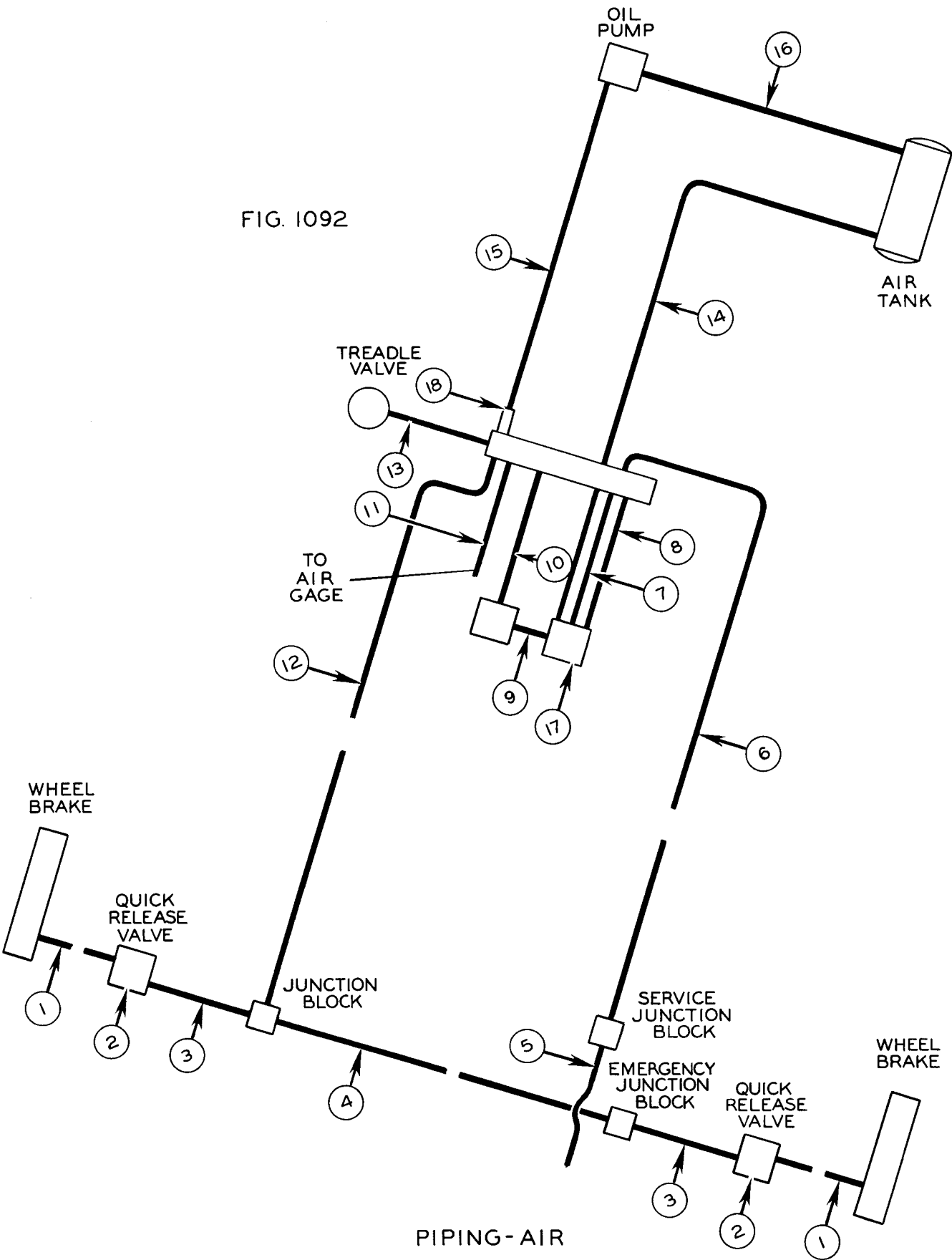
FIGURE 1091

PIPING - AIR & ENGINE LUBE

Ref. No.	Part No.	Description	Qty.
1	TF-4222	HOSE ASSY. - 3/8" x 18" - Quick Release Valve to Wheel Brake	2
2	HD-3675	VALVE, QUICK RELEASE (See Index)	2
	C-3145	CAPSCREW - 1/4" NC x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
3	TF-4214	HOSE ASSY. - 3/8" x 12" *	1
	TF-4220	HOSE ASSY. - 3/8" x 16" ** } Junct. Block to Quick Release Valve	1
4	TF-4238	HOSE ASSY. - 3/8" x 39" *	1
	TF-4240	HOSE ASSY. - 3/8" x 42" ** } Junct. Block to Right Quick Release	1
5	TF-4255	HOSE ASSY. - 3/8" x 72" - Junct. Block to Cockpit Junct. Block	1
6	TF-4142	HOSE ASSY. - 1/4" x 45" - Cockpit Junct. Block to Air Gage	1
7	TF-4226	HOSE ASSY. - 3/8" x 22"	1
8	TF-4231	HOSE ASSY. - 3/8" x 27" } Treadle Valve to Junct. Block	1
9	TF-4448	HOSE ASSY. - 1/4" x 48" - Engine to Oil Pressure Gage - Cummins	1
10	TF-4236	HOSE ASSY. - 3/8" x 36" - Engine to Lube Filter - Cummins	1
11	TF-4232	HOSE ASSY. - 3/8" x 30" - Lube Filter to Engine - Cummins	1
12	TC-5738	TUBE ASSY. - 1/2" O.D. x 38"	
	SD-4990	NUT	
	SD-4992	SLEEVE	
	TF-1427	TUBE ASSY. - 5/8" O.D. x 72"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
	TD-3435	TUBE ASSY. - 5/8" O.D. x 81"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
13	SP-2442	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1
14	TF-4454	HOSE ASSY. - 1/4" x 72" - Cummins } Air Comp. to Unloader Valve	1
	TF-4436	HOSE ASSY. - 1/4" x 36" - GM	1
15	TF-2398	JUNCTION BLOCK	1
16	TF-4208	HOSE ASSY. - 3/8" x 9"	1
17	TF-4222	HOSE ASSY. - 3/8" x 18" } Air Tank to Emergency Brake System	1
18	TF-4255	HOSE ASSY. - 3/8" x 72" - Air Supply - Emergency Brake System to Junction Block	1
19	TF-4257	HOSE ASSY. - 3/8" x 78" - Junct. Block to Emergency Brake System	1
20	TF-4267	HOSE ASSY. - 3/8" x 108" - Emergency Brake System to Junct. Block	1
21	TF-4273	HOSE ASSY. - 3/8" x 132" - Junct. Block to Rear Dump Brakes & Junct. Block to Emergency Brake System	2
22	TF-4220	HOSE ASSY. - 3/8" x 16" - Hand Brake Control to Pre-Select Valve	1
23	TF-4269	HOSE ASSY. - 3/8" x 114" - Air Cleaner to Junct. Block	1
		* Used with Serial Suffix BPF4.	
		** Used with Serial Suffix BPA4.	
		(USED WITH REAR DUMP)	
		(EFFECTIVE WITH SERIAL SUFFIX BPF4-H & BPA4-G.)	

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIG. 1092



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

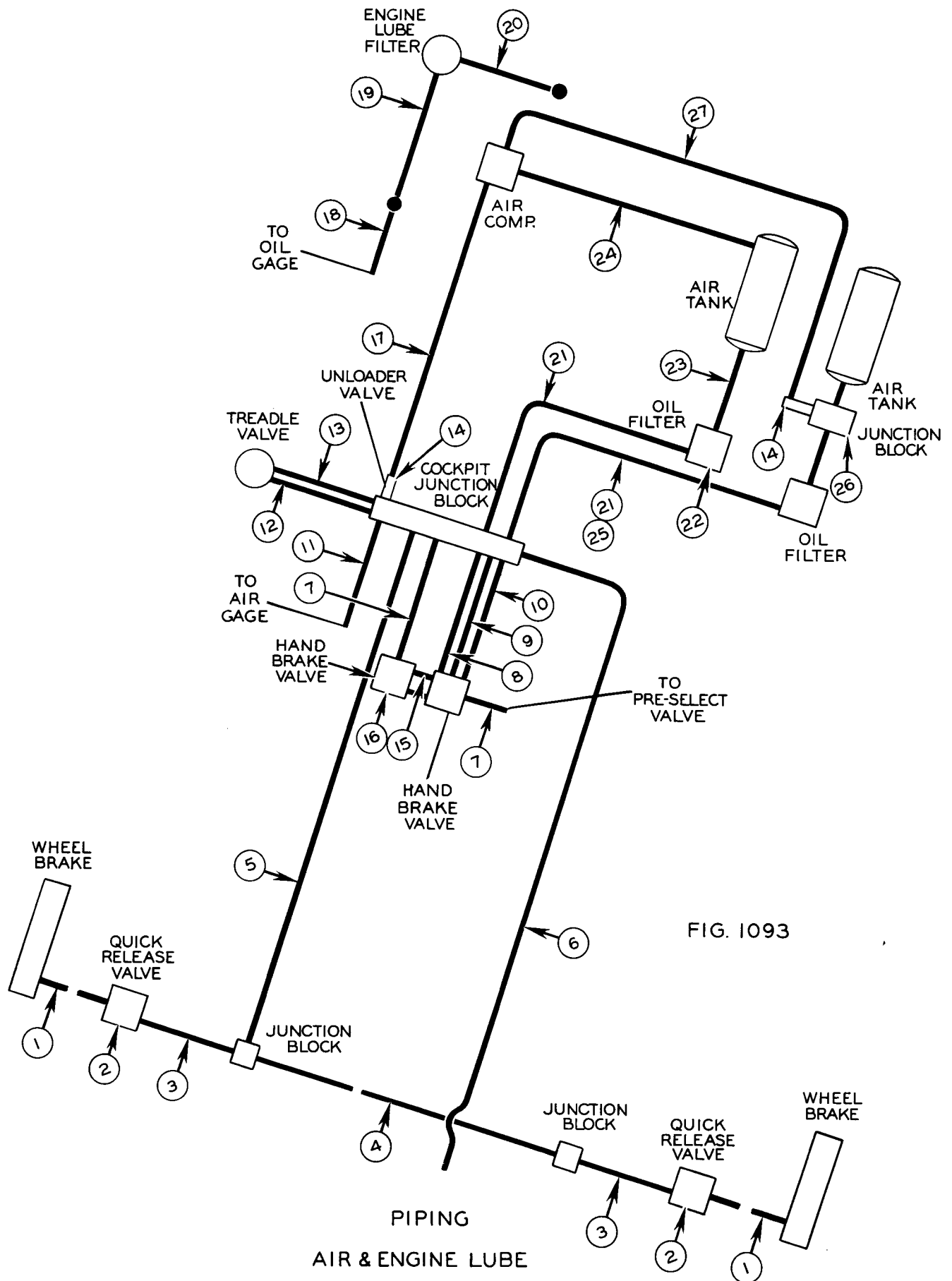
FIGURE 1092

PIPING - AIR & ENGINE LUBE

Ref. No.	Part No.	Description	Qty.
1	SR-4222	HOSE ASSY. - 3/8" x 18" - Quick Release Valve to Wheel Brake	2
2	HD-3675	VALVE, QUICK RELEASE (See Index)	2
	C-3145	CAPSCREW - 1/4" NC x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
	SR-2574	COVER, VALVE	2
	H-8524	CAPSCREW - 3/8" NC x 5/8" } Effective thru Serial Suffix BPF4-F.	8
	C-312	LOCKWASHER - 3/8"	8
3	SR-4214	HOSE ASSY. - 3/8" x 12" - Junct. Block to Quick Rel. Valve	2
4	SR-4240	HOSE ASSY. - 3/8" x 42" - Right to Left Rear Junct. Block	1
5	SR-4281	HOSE ASSY. - 3/8" x 180" - Service Junct. Block to Crane Brakes	1
6	SR-4253	HOSE ASSY. - 3/8" x 66" - Cockpit Junct. Block to Service Junct. Block .	1
7	SR-4227	HOSE ASSY. - 3/8" x 22" - Valve to Cockpit Junct. Block	2
8	SR-4229	HOSE ASSY. - 3/8" x 24" - Valve to Cockpit Junct. Block	1
9	SR-4208	HOSE ASSY. - 3/8" x 9" - Valve to Valve	1
10	SR-4235	HOSE ASSY. - 3/8" x 33" - Valve to Cockpit Junct. Block	1
11	SR-4144	HOSE ASSY. - 1/4" x 48" - Cockpit Junct. Block to Air Gage	1
12	SR-4254	HOSE ASSY. - 3/8" x 72" - Cockpit Junct. Block to Rear Junct. Block	1
13	SR-4233	HOSE ASSY. - 3/8" x 30" - Treadle Valve to Cockpit Junct. Block	1
14	SR-4259	HOSE ASSY. - 3/8" x 84" - Air Tank to Cockpit Junct. Block	1
15	SR-4454	HOSE ASSY. - 1/4" x 72" - Air Comp. to Unloader Valve	1
16	TC-5738	TUBE ASSY. - 1/2" O.D. x 38"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
17	CD-1633	VALVE, HAND BRAKE (See Index)	2
	R-3868	CAPSCREW - 5/16" NC x 1/2"	4
	C-1538	LOCKWASHER - 5/16"	4
	SH-9907	BRACKET, VALVE MOUNT	1
	SP-9314	REGULATOR	1
	SP-3502	BRACKET, REGULATOR MOUNT	1
	H-8136	CAPSCREW - 1/4" NC x 1 1/2"	4
	C-5774	LOCKWASHER - 1/4"	4
	C-5780	NUT - 1/4" NC	4
	DD-9468	VALVE, CHECK	2
18	SL-3279	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1

(USED WITH CRANE & GM ENGINE)
(EFFECTIVE THRU SERIAL SUFFIX BPF3-B & BPF4-G.)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



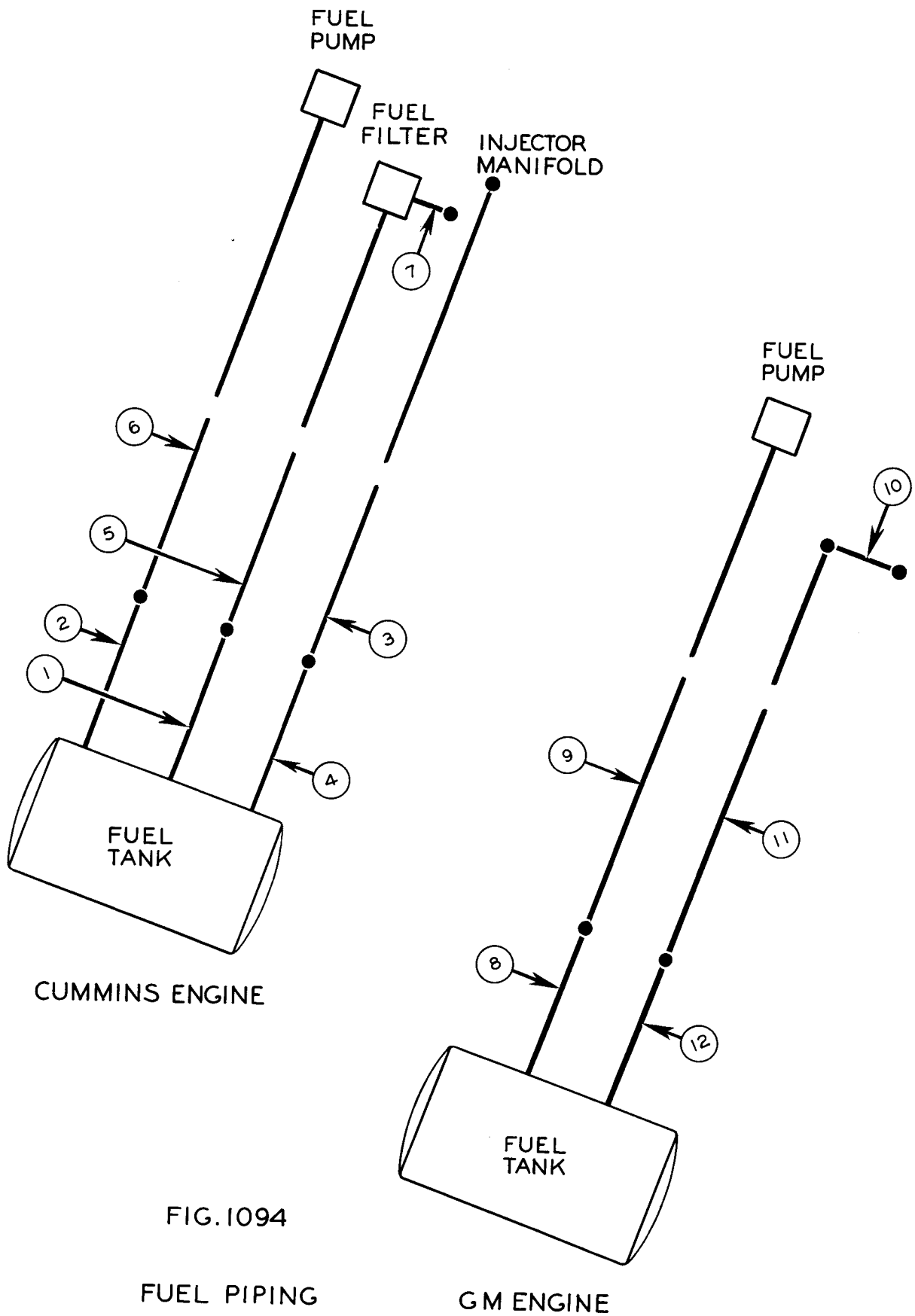
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1093

PIPING - AIR & ENGINE LUBE

Ref. No.	Part No.	Description	Qty.
1	TF-4222	HOSE ASSY. - 3/8" x 18" - Quick Release Valve to Wheel Brake	2
2	HD-3675	VALVE, Quick Release (See Index)	2
	C-3145	CAPSCREW - 1/4" NC x 5/8"	4
	C-5774	LOCKWASHER - 1/4"	4
3	TF-4214	HOSE ASSY. - 3/8" x 12" * - Quick Rel. Valve To Junct. Block	2
	TF-4220	HOSE ASSY. - 3/8" x 16" ** - Quick Rel. Valve to Junct. Block	2
4	TF-4234	HOSE ASSY. - 3/8" x 33" - Right to Left Rear Junct. Blocks	1
5	TF-4255	HOSE ASSY. - 3/8" x 72" - Cockpit Junct. Block to Junct. Block	1
6	TF-4281	HOSE ASSY. - 3/8" x 180" - Cockpit Junct. Block to Crane Brakes	1
7	TF-4218	HOSE ASSY. - 3/8" x 14" - Hand Valve to Pre-Select Valve & Hand Valve to Cockpit Junct. Block	2
8	TF-4224	HOSE ASSY. - 3/8" x 20" - Valve to Cockpit Junct. Block	1
9	TF-4226	HOSE ASSY. - 3/8" x 22" - Valve to Cockpit Junct. Block	1
10	TF-4230	HOSE ASSY. - 3/8" x 27" - Valve to Cockpit Junct. Block	1
11	TF-4142	HOSE ASSY. - 1/4" x 45" - Cockpit Junct. Block to Air Gage	1
12	TF-4226	HOSE ASSY. - 3/8" x 22" - Treadle Valve to Junct. Block	1
13	TF-4231	HOSE ASSY. - 3/8" x 27" - Treadle Valve to Junct. Block	1
14	SL-3279	VALVE, AIR COMPRESSOR UNLOADER (See Index)	1
15	TF-4210	HOSE ASSY. - 3/8" x 10" - Valve to Valve	2
16	CD-1633	VALVE, HAND BRAKE (See Index)	2
	DD-9468	VALVE, CHECK	2
	R-3868	CAPSCREW - 5/16" NC x 1/2"	4
	C-1538	LOCKWASHER - 5/16"	4
17	TF-4446	HOSE ASSY. - 1/4" x 51" - Cummins Air Comp. to Unloader Valve -	1
	TF-4454	HOSE ASSY. - 1/4" x 72" - GM Eff. thru Ser. Suf. BPF4-K & BPA4-J	1
18	TF-4448	HOSE ASSY. - 1/4" x 48" - Engine to Oil Pressure Gage - Cummins	1
19	TF-4236	HOSE ASSY. - 3/8" x 36" - Engine to Lube Filter - Cummins	1
20	TF-4232	HOSE ASSY. - 3/8" x 30" - Lube Filter to Engine - Cummins	1
21	TF-4253	HOSE ASSY. - 3/8" x 66" - Air Tank to Cockpit Junct. Block	1
22	HE-3974	FILTER, AIR (See Index)	1
	C-1602	CAPSCREW - 3/8" NC x 1"	2
	C-1601	CAPSCREW - 3/8" NC x 3/4"	2
	C-312	LOCKWASHER - 3/8"	4
	TD-6533	BRACKET	1
23	TF-4222	HOSE ASSY. - 3/8" x 18"	1
24	TF-1427	TUBE ASSY. 5/8" O.D. x	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
	TD-3435	TUBE ASSY. - 5/8" O.D. x 81"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
	TC-5738	TUBE ASSY. - 1/2" O.D. x 38"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
25	TF-4255	HOSE ASSY. - 3/8" x 72" - Air Tank to Cockpit Junct. Block - Effective with Serial Suffix BPA4-K.	1
26	TF-2398	JUNCTION BLOCK - Eff. with Serial Suffix BPA4-K & BPF4-P.	1
27	TF-4454	HOSE ASSY. - 1/4" x 72" - Cummins } Air Comp. to Unloader Valve - ..	1
	TF-4436	HOSE ASSY. - 1/4" x 36" - GM } Eff. with Ser. Suf. BPA4-K & BPF4-P.	1
* Used with Serial Suffix BPF4.			
** Used with Serial Suffix BPA4.			
(USED WITH CRANE)			
(EFF. WITH SERIAL SUFFIX BPF4-H & BPA4.)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1094

FUEL PIPING

Ref. No.	Part No.	Description	Qty.
1	SP-1988	TUBE ASSY. - 5/8" O.D. x 47"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
2	SP-6493	TUBE ASSY. - 3/8" O.D. x 55"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
3	SP-3584	TUBE ASSY. - 1/2" O.D. x 145"	1
	SD-4990	NUT - 13/16" - 18 Imp. #61 Fl.	1
	SP-1991	NUT - 3/4" - 16 Imp. #41 Fl. Union	1
	SD-4992	SLEEVE	1
4	SP-1990	TUBE ASSY. - 1/2" O.D. x 59"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
5	SR-1376	TUBE ASSY. - 5/8" O.D. x 144"	1
	SD-2596	NUT	2
	SD-2593	SLEEVE	2
6	SP-3580	TUBE ASSY. - 3/8" O.D. x 153"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
7	TC-3703	TUBE ASSY. - 5/8" O.D. x 9 5/8"	1
	SD-2593	NUT	2
	SD-2596	SLEEVE	2
	TC-9916	HOSE ASSY., AEROQUIP - 5/8" x 21" - Fuel Filter to Pump (Eff. with Serial Suffix BPF4-F & BPA4-B.)	1
8	SV-5157	TUBE ASSY. - 1/2" O.D. x 48"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
9	SV-5159	TUBE ASSY. - 1/2" O.D. x 143"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2
10	SV-5165	TUBE ASSY. - 5/16" O.D. x 24"	1
	SV-5164	NUT	2
11	SV-5161	TUBE ASSY. - 3/8" O.D. x 108"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
12	SV-5163	TUBE ASSY. - 3/8" O.D. x 60"	1
	SD-4990	NUT	2
	SD-4992	SLEEVE	2

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

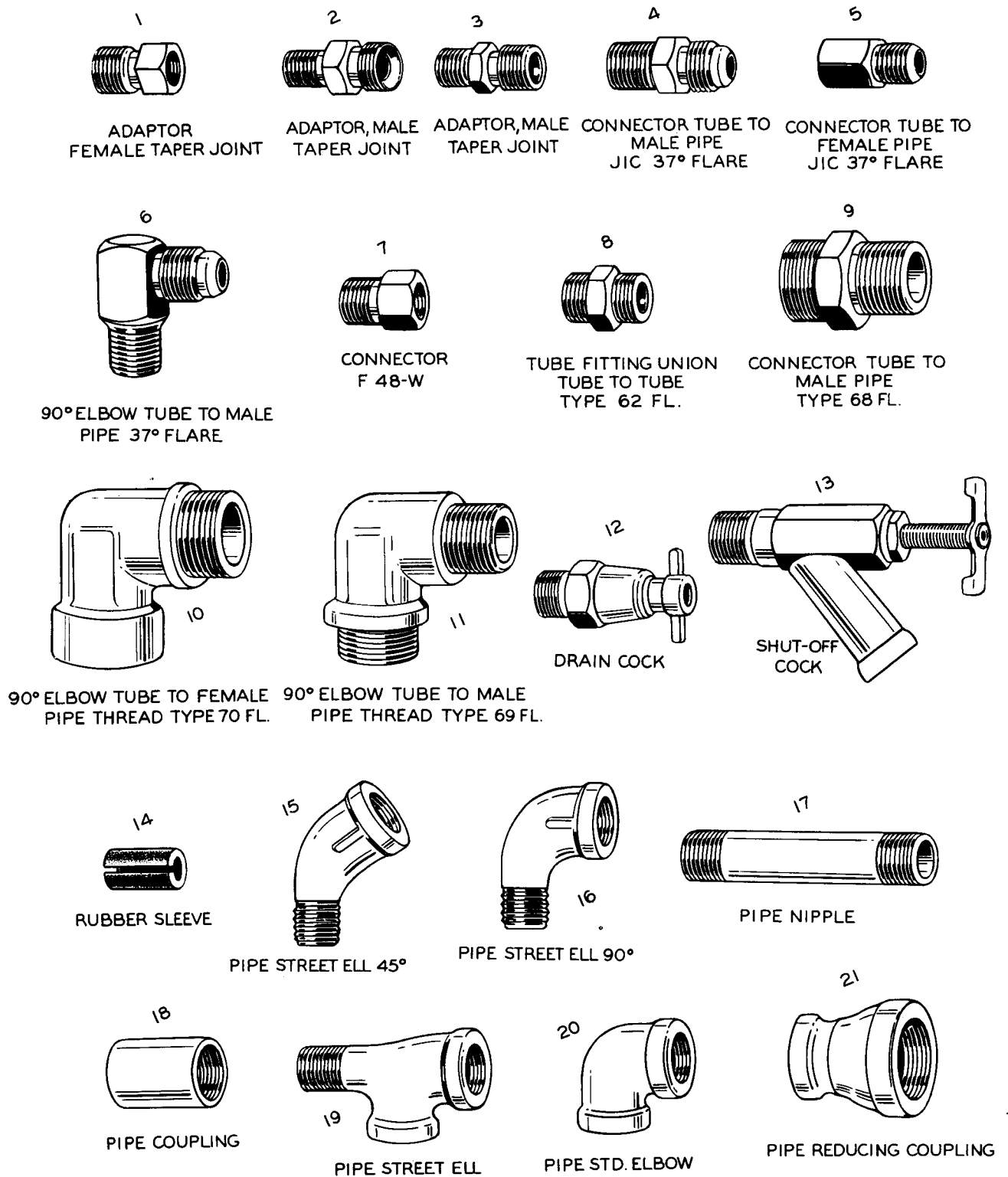


FIG. 1101

STANDARD PIPING HARDWARE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1101

STANDARD PIPING HARDWARE

Ref. No.	Part No.	Description	Qty.
1	SG-6076	1/4" NPS MALE x 1/8" NPT FEMALE	1
2	SP-2845	1/4" NPS MALE x 1/8" NPT MALE	3
3	SL-5636	1/4" NPS MALE x 1/4" NPT MALE	20
4	TD-9718	1/2" - 20 NF x 1/8" - 27 NPT FOR 5/16" O.D. TUBE	1
	TD-9720	9/16" - 18 NF x 1/4" - 18 NPT FOR 3/8" O.D. TUBE	15
5	TD-9723	1/2" - 20 NF MALE x 1/8" - 27 NPT FEMALE FOR 5/16" O.D. TUBE	1
6	TD-5557	9/16" - 18 NF x 3/8" - 18 NPTF FOR 3/8" O.D. TUBE	2
7	SV-5167	1/4" NPT MALE THREAD FOR 5/8" TUBE	1
8	SF-3946	5/8" - 24 FOR 3/8" O.D. TUBE	1
	SP-1992	1" - 18 FOR 5/8" O.D. TUBE	1
	SL-8576	13/16" - 18 FOR 1/2" O.D. TUBE	1
9	HC-2487	1" - 18 x 1/2" - 14 FOR 5/8" O.D. TUBE	1
	HC-2488	13/16" - 18 x 3/8" - 18 FOR 1/2" O.D. TUBE	1
	HC-2489	5/8" - 24 x 1/4" - 18 FOR 3/8" O.D. TUBE	1
10	SF-5249	1" - 18 MALE x 1/2" - 14 FEMALE FOR 5/8" O.D. TUBE	1
	SP-8127	13/16" - 18 MALE x 3/8" - 18 FEMALE FOR 1/2" O.D. TUBE	1
	SF-4810	5/8" - 24 MALE x 1/4" - 18" FEMALE FOR 3/8" O.D. TUBE	1
11	CC-6128	1" - 18 x 1/2" - 14 FOR 5/8" TUBE	1
	HC-2477	13/16" - 18 x 3/8" - 18 FOR 1/2" TUBE	1
	H-8549	5/8" - 24 x 1/4" - 18 FOR 3/8" TUBE	1
	CC-6280	ELBOW ASSEMBLY	1
	C-9806	BODY - 7/16" - 24 x 1/8" - 27 NPT	1
	SD-8659	SLEEVE - 23/64" O.D. x 5/32" I.D. x 7/32" LENGTH	1
	SD-8660	NUT - 7/16" - 24 x 15/32" LENGTH	1
12	HC-1851	1/4" NPT	1
13	TC-3706	3/8" NPT FOR 5/8" HOSE	1
14	SV-6216	7/16" O.D. x 3/16" I.D. x 7/8" LENGTH	1
15	S-7182	1/4" NPT x 45°	3
16	S-2916	1/4" NPT x 90°	10
	F-4037	1/2" NPT x 90°	1
	SC-3265	3/8" NPT x 90°	1
	R-900	1/8" NPT x 90°	1
17	DC-221	3/8" NPT x 1 1/2"	1
	SD-5190	3/8" NPT x 3"	1
18	C-3393	3/8" NPT	1
19	SF-4602	1/4" NPT	1
20	R-3188	1/4" NPT x 90°	1
	H-3374	3/8" NPT x 90°	1
21	SC-4948	1/2" NPT x 3/8" NPT	1

(QUANTITIES ARE APPROXIMATE PER MACHINE)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

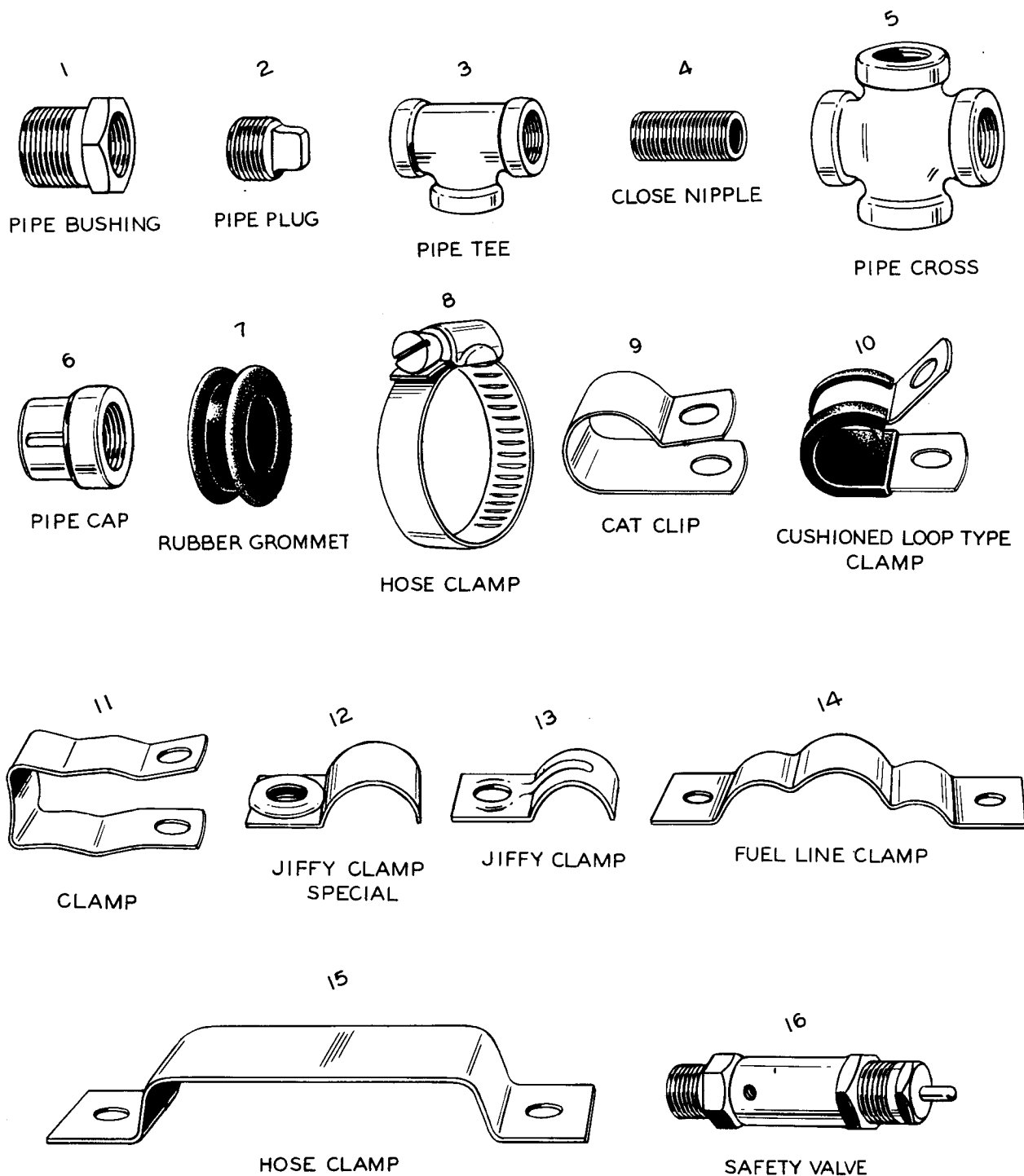


FIG. 1102

STANDARD PIPING HARDWARE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1102

STANDARD PIPING HARDWARE

Ref. No.	Part No.	Description	Qty.
1	R-86	1/4" NPT x 3/8" NPT	2
	S-5823	1/2" NPT x 1/4" NPT	2
2	R-2028	3/4" NPT	1
	C-5770	3/8" NPT	1
	C-5769	1/4" NPT	12
3	R-2404	1/8" NPT x 1/8" NPT x 1/8" NPT	1
4	R-2510	1/4" NPT	2
	DC-5608	1/8" NPT	1
	HC-1581	3/8" NPT	1
5	DF-4292	1/4" NPT	1
6	SD-5200	3/8" NPT	1
7	SL-7366	3/4" I.D. x 1 3/8" O.D. x 5/8" WIDE	1
	SL-8936	7/8" I.D. x 1 5/8" O.D. x 5/8" WIDE	4
8	CD-8419	3/4" I.D. FOR HOSE	2
9	H-3209	7/8" I.D. x 2"	2
	H-4669	1/2" I.D. x 1 7/8"	1
	SP-7815	3/4" I.D. x 1 35/64" - 13/32" DRILLED HOLE	2
	TC-2823	5/8" I.D. x 1 13/32"	1
	SV-4790	5/8" I.D. x 1 13/32"	1
	H-3208	3/4" I.D. x 1 7/8"	4
10	SP-7847	1/2" I.D. x 1 1/2"	1
11	SL-9079	13/16" I.D. x 3/4" WIDE x 1 7/8" LENGTH	2
12	SR-9594	3/4" I.D. x 1 1/2" SPECIAL	1
13	DC-5036	1/2" I.D. x 2"	6
	DC-8163	3/8" I.D. x 1 1/2"	5
	SG-5696	13/32" I.D. x 1 1/8"	1
	H-3167	23/32" I.D. x 1 11/16" x 17/64" DRILLED HOLE	5
	SP-6329	23/32" I.D. x 1 11/16" x 7/16" DRILLED HOLE	2
14	SP-2837	1 1/8" WIDE x 3 9/16" LENGTH - 9/32" DRILLED HOLES - 2	2
15	SP-2835	1" WIDE x 5 1/4" LENGTH - 5/16" DRILLED HOLES - 2	1
16	R-5035	1/4" NPT - MAXIMUM PRESSURE 150 LBS.	1
	SR-1606	1/4" NPT - MAXIMUM PRESSURE 175 LBS.	1
NOT SHOWN			
	C-5780	NUT - 1/4" NC	4
	C-5774	LOCKWASHER - 1/4"	12
	SC-4510	SCREW, BRASS - #12-24 x 5/8"	4
	SF-9857	NUT - #12-24	4
	SG-3230	CAPSCREW - 1/4" NC x 5/8"	3
(QUANTITIES ARE APPROXIMATE PER MACHINE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

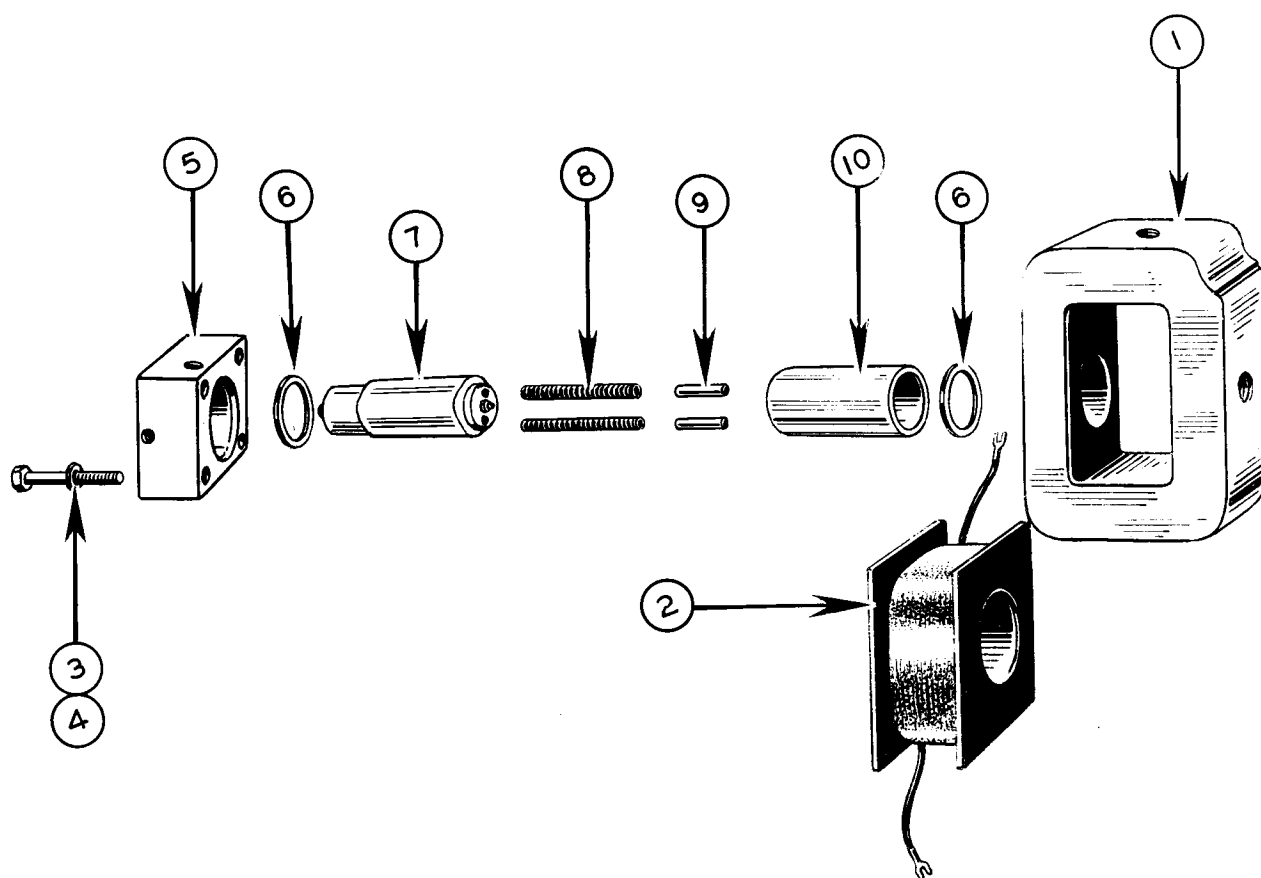


FIG. 1105

DC. CONTROL VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1105

D.C. CONTROL VALVE ASSEMBLY DH-691

Ref. No.	Part No.	Description	Qty.
1	HE-2073	BRACKET	1
2	HD-878	COIL	1
3	C-7563	CAPSCREW - 1/4" NF x 2"	4
4	C-5774	LOCKWASHER - 1/4"	4
5	DH-690	MANIFOLD	1
6	HD-612	GASKET	2
7	HE-2072	PISTON	1
8	HE-27	SPRING	2
9	HD-8351	PIN	2
10	HD-607	SLEEVE	1
		NOT SHOWN & NOT INCLUDED IN ASSEMBLY	
	TF-9438	BRACKET, MOUNT	1
	C-5752	CAPSCREW - 3/8" NC x 2 3/4"	2
	C-312	LOCKWASHER - 3/8"	2
(OPTIONAL - USED WITH SCRAPER APRON QUICK DROP) (EFFECTIVE WITH SERIAL SUFFIX BPF4-M & BPA4-K.)			