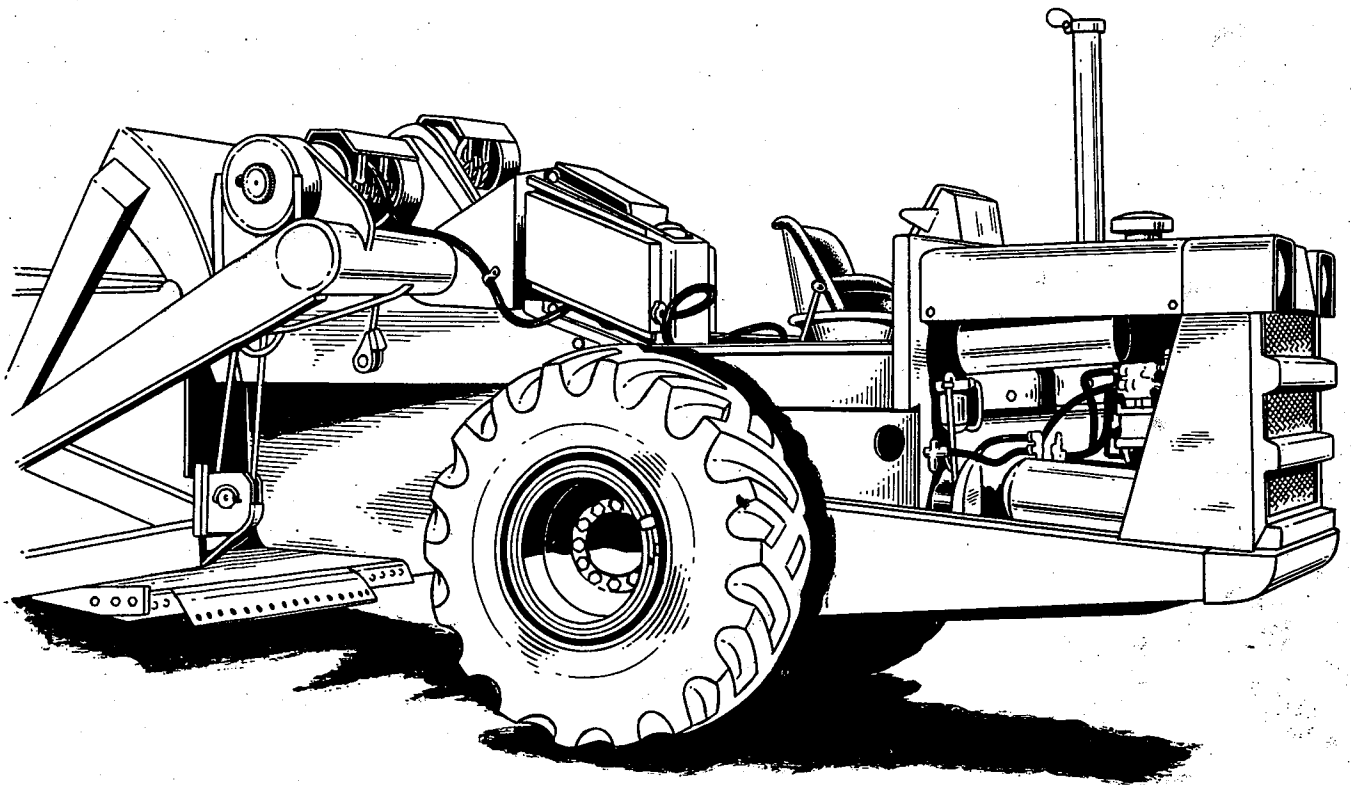




MODEL D' PULL

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- ENGINE	140A & 140B	- BRAKE, FOOT	62 & 64
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HEATER - CAB	114	WIRING - BATTERY BOX	98 thru 104
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		& Snowplow)	144 & 146
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		Units	106-108A & 146

FOR ENGINE PARTS SEE ENGINE CO. PARTS CATALOG

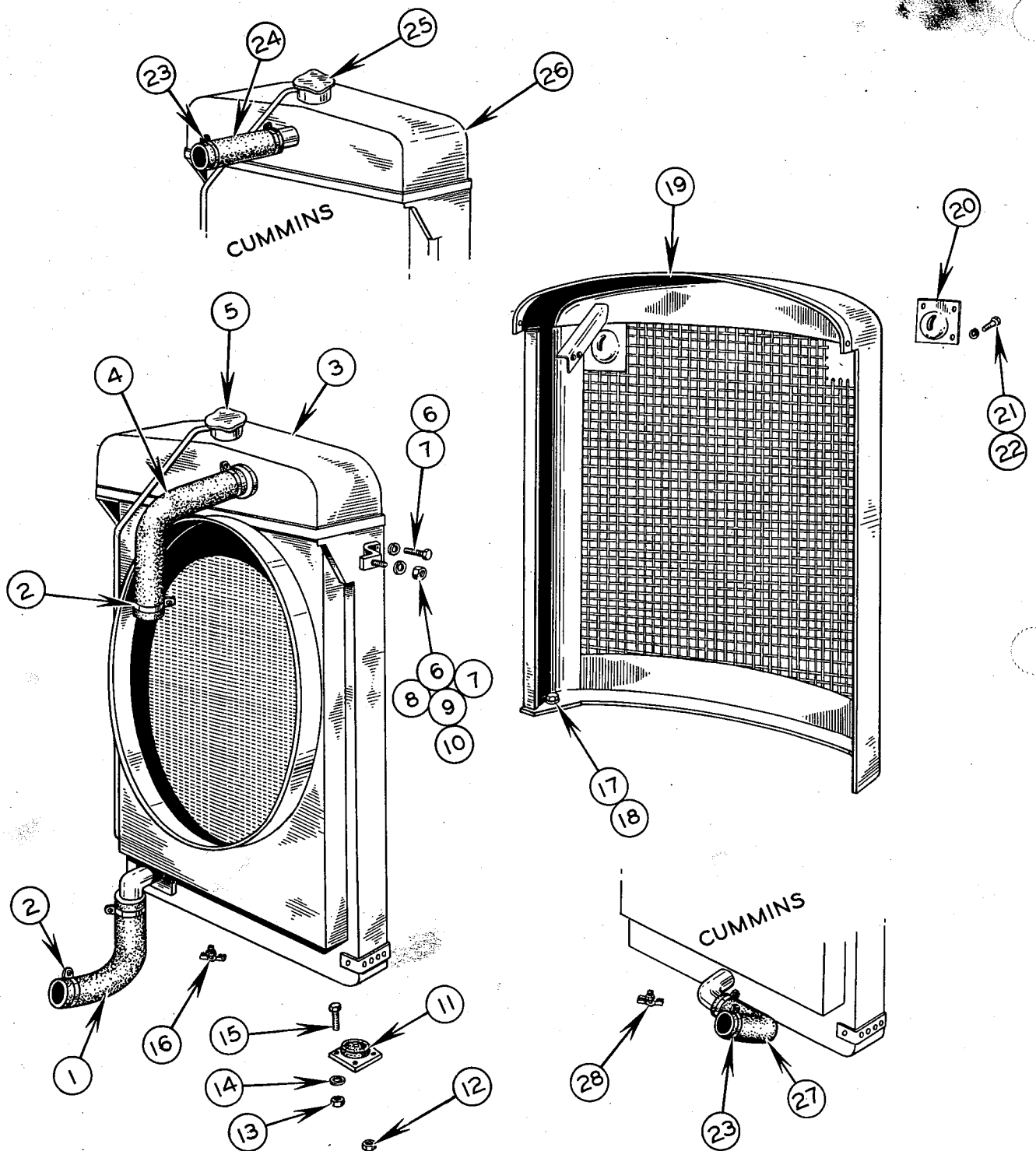


FIG. 414

RADIATOR

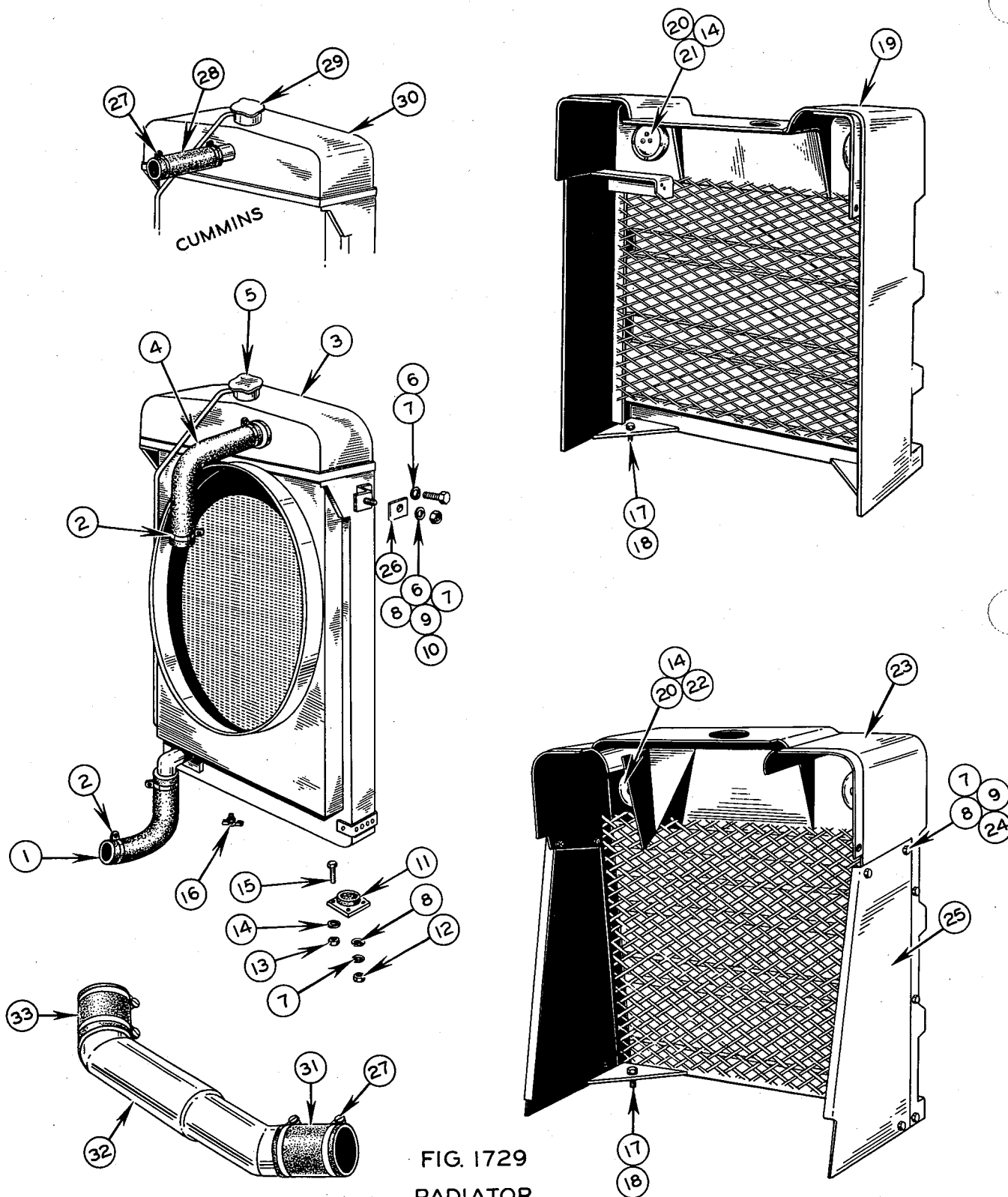
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 414

RADIATOR

Ref. No.	Part No.	Description	Qty.
1	SG-3406	HOSE - GM ENGINE	1
2	H-2676	CLAMP, HOSE	4
3	SG-3359	RADIATOR - GM ENGINE	1
4	SG-3406	HOSE - GM	1
5	DF-3923	CAP, RADIATOR - GM ENGINE	1
	DF-7576	GASKET	1
6	DC-7524	CAPSCREW	4
7	C-312	LOCKWASHER - 3/8"	2
8	C-1547	WASHER - 3/8" FLAT	4
9	C-1521	NUT - 3/8" NC	2
10	SH-9930	MOUNT, RUBBER	2
11	SG-842	MOUNT, RUBBER	2
12	C-1525	NUT - 5/8" NC	2
13	SG-3408	NUT - #10-24	8
14	H-2643	LOCKWASHER - 3/16"	8
15	SF-5813	CAPSCREW - #10-24 x 3/4"	8
16	SP-3494	COCK, DRAIN - GM ENGINE	1
17	C-7595	CAPSCREW - 5/8" NC x 1 1/4"	2
	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	2
18	C-1541	LOCKWASHER - 5/8"	2
19	SL-3533	SHELL (Effective thru Serial Suffix DP-P)	1
	TC-2114	SHELL (Effective with Serial Suffix DP-Q)	1
20	SL-5893	BRACKET, MOUNT	1
21	H-8136	CAPSCREW	3
22	C-5774	LOCKWASHER - 1/4"	3
23	H-2676	HOSE CLAMP	4
24	TC-2115	HOSE - UPPER	1
25	TF-1981	CAP, RADIATOR	1
	DF-7576	GASKET	1
26	TC-995	RADIATOR	1
27	TD-4779	HOSE - LOWER	1
28	TD-9130	COCK, DRAIN	1

(EFFECTIVE THRU SERIAL SUFFIX DP-Q, ALSO DPS.)



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1729

RADIATOR

Ref. No.	Part No.	Description	Qty.
1	SG-3406	HOSE	1
2	TC-7147	CLAMP, HOSE	4
3	SG-3359	RADIATOR *	1
	TR-3549	RADIATOR **	1
	TF-8234	RADIATOR #	1
	TR-3548	RADIATOR ##	1
4	SG-3406	HOSE	1
5	DF-3923	CAP */#	1
	DF-7576	GASKET */#	1
	TV-1085	CAP **/##	1
	TV-5751	CHAIN	1
6	DC-7524	CAPSCREW - 3/8" - 16NC x 7/8" π	4
	C-1602	CAPSCREW - 3/8" - 16NC x 1" ππ	2
	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4" ππ	2
	HC-543	CAPSCREW - 3/8" - 16NC x 1" πππ	2
	C-1604	CAPSCREW - 3/8" - 16NC x 1 1/2" πππ	2
7	C-312	LOCKWASHER - 3/8"	18
8	C-1547	FLATWASHER - 3/8"	18
9	C-1521	NUT - 3/8" - 16NC	6
10	SH-9930	MOUNT, RUBBER π	2
	TH-6476	MOUNT, RUBBER ç	2
11	SG-842	MOUNT, RUBBER	2
12	C-1525	NUT - 5/8" - 11NC	2
13	SG-3408	NUT - #10-24	8
14	H-2643	LOCKWASHER - #10	14
15	SP-5813	CAPSCREW - #10-24 x 3/4"	8
16	SP-3494	COCK, DRAIN	1
17	C-1629	CAPSCREW - 5/8" - 11NC x 1 3/4"	2
18	C-1541	LOCKWASHER - 5/8"	2
19	TG-601	GRILL π	1
20		LAMP ASSEMBLY (See Index)	2
21	SG-1764	SCREW, SELF-TAPPING - #10-24 x 1/2"	6
22		LAMP ASSEMBLY (See Index)	2
23	TG-8088	GRILL ç	1
24	TR-4921	CAPSCREW - 3/8" - 16NC x 3/4"	12
	TR-4919	NUT, FLANGE - 3/8" - 16NC	12
25	TG-8091	SHEET, SIDE - L.H. ç	1
	TH-9304	SHEET, SIDE - R.H. ç	1
	TR-6408	SHEET, SIDE - L.H. çç	1
	TR-4930	SHEET, SIDE - R.H. çç	1
26	TL-8686	PLATE, WASHER ççç	1
27	TC-7147	CLAMP, HOSE çç	6
28	TR-4940	HOSE - 2" I.D. x 12 1/4" çç	1
29	TF-1981	CAP çç	1
	DF-7576	GASKET çç	1
30	TC-995	RADIATOR çç	1
31	TR-4938	HOSE - 2" I.D. x 3" çç	1
32	TR-4937	PIPE, LOWER çç	1
33	TG-9700	HOSE - 2 1/4" I.D. x 3" çç	1
NOTES:			
* EFFECTIVE THRU SERIAL SUFFIX DPF2-H.			
** EFFECTIVE WITH SERIAL SUFFIX DPF2-J.			
# EFFECTIVE WITH SERIAL SUFFIX DPA2-F.			
## EFFECTIVE WITH SERIAL SUFFIX DPA2-G.			
π EFFECTIVE THRU SERIAL SUFFIX DPF2-A & DPA2-A.			
ππ EFFECTIVE WITH SERIAL SUFFIX DPF2-B THRU DPF2-C, DPA2-B THRU DPA2-C.			
πππ EFFECTIVE WITH SERIAL SUFFIX DPF2-D & DPA2-D.			
ç EFFECTIVE WITH SERIAL SUFFIX DPF2-B & DPA2-B.			
çç EFFECTIVE WITH SERIAL SUFFIX DPF2-D ONLY.			
ççç EFFECTIVE WITH SERIAL SUFFIX DPF2-D.			
(EFFECTIVE WITH SERIAL SUFFIX DPF2 & DPA2)			

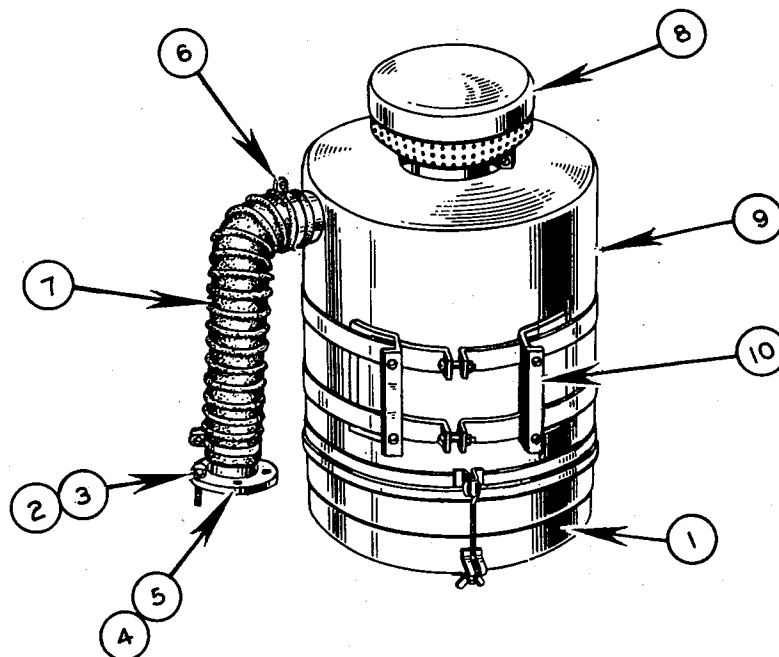


FIG. 383 A

AIR CLEANER

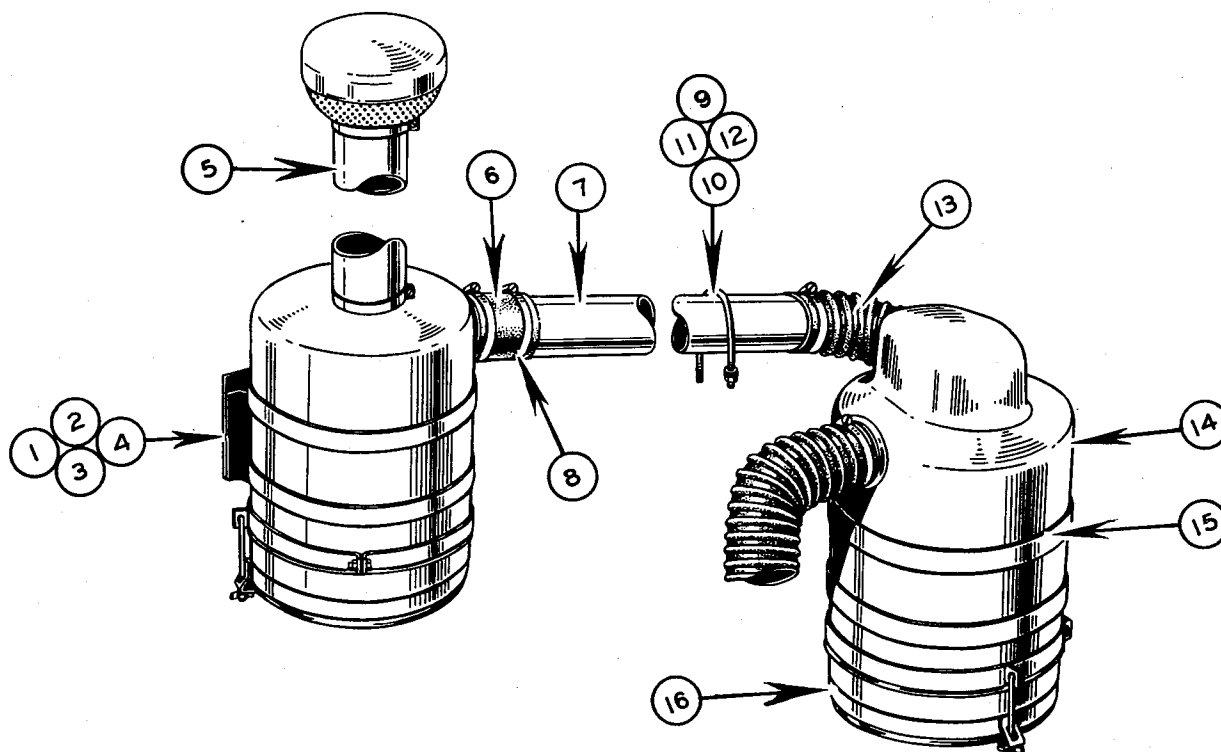


FIG. 383 B

SUPPLEMENTARY AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 383A

AIR CLEANER - STANDARD

Ref. No.	Part No.	Description	Qty.
1	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	4
3	C-312	LOCKWASHER - 3/8"	4
4	SG-3413	GASKET	1
5	SG-6068	FLANGE	1
6	H-2676	CLAMP	4
7	SV-6462	HOSE	1
8	HD-5487	CAP	1
9	SH-5534	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
10	HD-5488	SADDLE BRACKET	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
NOTE: HD-5486 AIR CLEANER INCLUDES REF. NOS. 1 & 9.			
(EFFECTIVE THRU SERIAL SUFFIX DP-F)			

FIGURE 383B

SUPPLEMENTARY AIR CLEANER SH-9901

1	SH-7792	MOUNT PLATE	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	4
3	C-312	LOCKWASHER - 3/8"	4
4	C-1521	NUT - 3/8" NC	4
5	SH-9908	EXTENSION PIPE	1
6	SH-9904	HOSE	1
7	SH-9903	TUBE	1
8	H-2676	HOSE CLAMP	8
9	SH-9906	U-BOLT	1
10	SC-3117	WASHER	2
11	H-2643	LOCKWASHER - 3/16"	2
12	SG-3408	NUT - #10-24	2
13	SV-6462	HOSE	1
14	SL-2878	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
15	HD-5488	MOUNT BRACKET	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
16	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
NOTE: SH-7798 AIR CLEANER INCLUDES REF. NOS. 14 & 16.			
OPTIONAL (EFFECTIVE THRU SERIAL SUFFIX DP-F)			

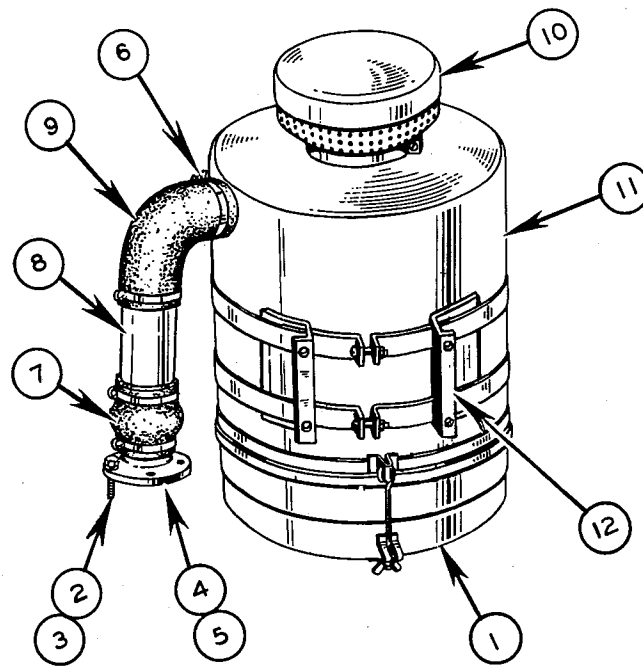


FIG. 384 A
AIR CLEANER

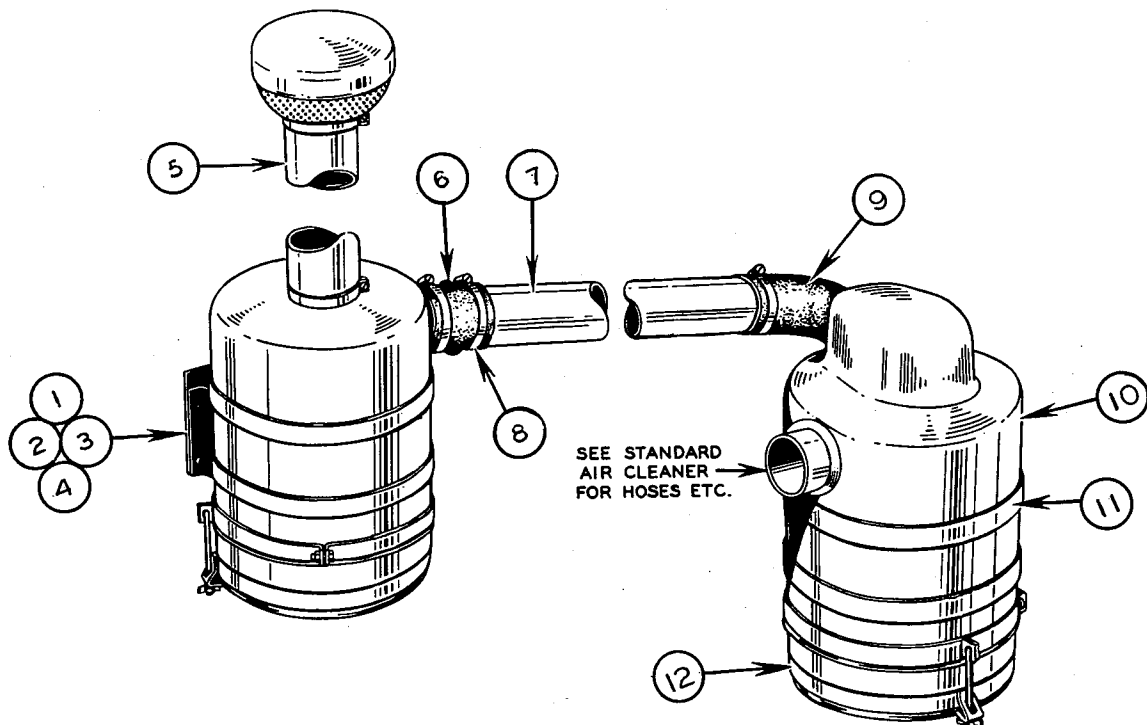


FIG. 384 B
SUPPLEMENTARY AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 384A

AIR CLEANER - STANDARD

Ref. No.	Part No.	Description	Qty.
1	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	4
3	C-312	LOCKWASHER - 3/8"	4
4	SG-6068	FLANGE	1
5	SG-3413	GASKET	1
6	HC-902	HOSE CLAMP	4
7	SV-361	HOSE	1
8	SV-369	TUBE	1
9	SV-362	HOSE	1
10	HD-5487	CAP	1
11	SH-5534	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
12	HD-5488	MOUNT BRACKET	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
NOTE: HD-5486 AIR CLEANER INCLUDES REF. NOS. 1 & 11.			
(USED WITH GM ENGINES)			
(EFFECTIVE WITH SERIAL SUFFIX DP-G THRU DP-J)			

FIGURE 384B

SUPPLEMENTARY AIR CLEANER SV-374

1	SH-7792	MOUNT PLATE	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	1
3	C-312	LOCKWASHER - 3/8"	1
4	C-1521	NUT - 3/8" NC	1
5	SH-9908	EXTENSION PIPE	1
6	SV-361	HOSE	1
7	SV-3266	TUBE	1
8	HC-902	HOSE CLAMP	8
9	SV-362	HOSE	1
10	SL-2878	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
11	HD-5488	MOUNT BRACKET	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
12	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
NOTE: SH-7798 AIR CLEANER INCLUDES REF. NOS. 10 THRU 12.			
(USED WITH GM ENGINES)			

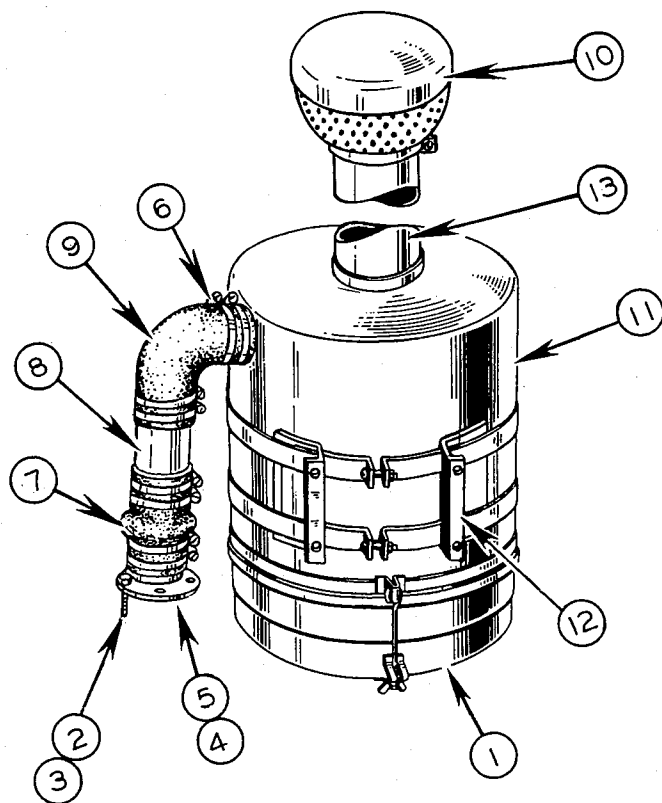


FIG. 1194 A
AIR CLEANER

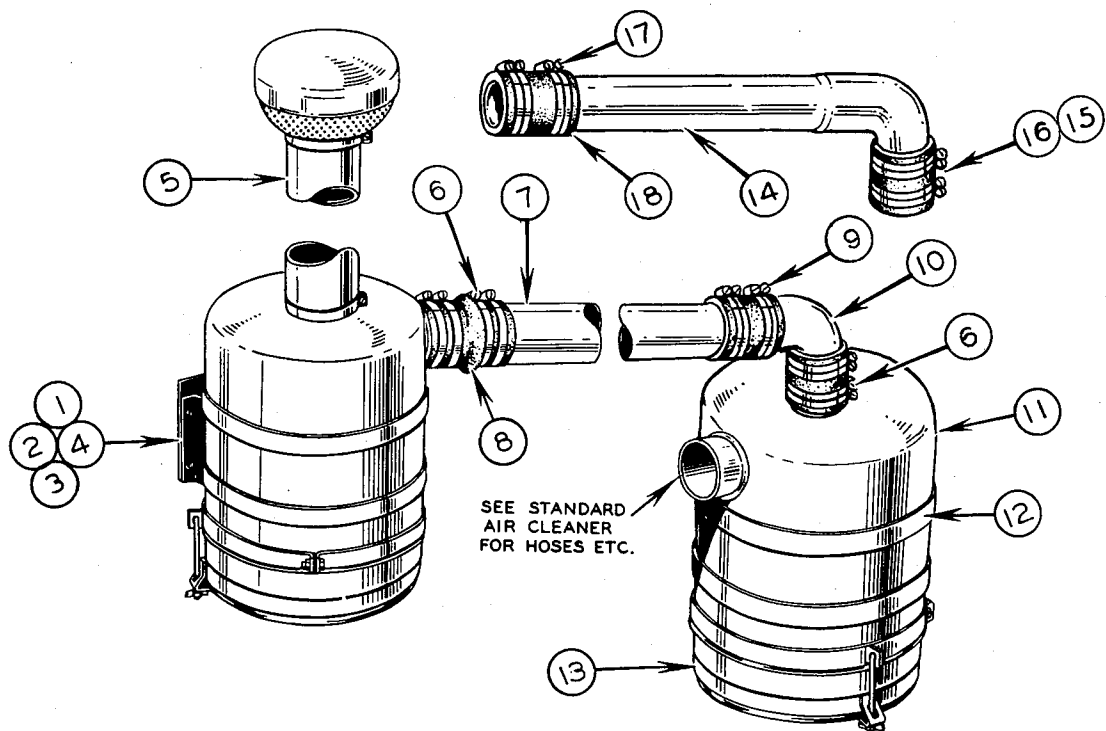


FIG. 1194 B
SUPPLEMENTARY AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1194A

AIR CLEANER - STANDARD

Ref. No.	Part No.	Description	Qty.
1	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	4
3	C-312	LOCKWASHER - 3/8"	4
4	SG-6068	FLANGE	1
5	SG-3413	GASKET	1
6	HC-902	CLAMP	4
7	SV-361	HOSE	1
8	SV-369	TUBE (Effective thru Serial Suffix DP-P)	1
	TC-5755	TUBE (Effective with Serial Suffix DP-Q)	1
9	SV-362	HOSE	1
10	HD-5487	CAP	1
11	SH-5534	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
12	HD-5488	BRACKET, SADDLE	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
13	TD-9693	EXTENSION	1

NOTE: HD-5486 AIR CLEANER ASSY. INCLUDES REF. NOS. 1 & 11.
(USED WITH GM ENGINES)
(EFFECTIVE WITH SERIAL SUFFIX DP-K THRU DP-R, ALSO DPS)

FIGURE 1194B SUPP. AIR CLEANER GROUP TC-2900 * TC-4533 **
TF-2184 ☉ TG-5033 ☉☉

1	SH-7792	MOUNT PLATE	1
	TG-1780	MOUNT PLATE ☉☉	1
2	C-1602	CAPSCREW - 3/8" NC x 1"	4
3	C-312	LOCKWASHER - 3/8"	4
4	C-1521	NUT - 3/8" NC	4
5	SH-9908	EXTENSION	1
6	HC-902	CLAMP */**	12
7	TC-2913	TUBE *	1
	TC-4534	TUBE **	1
8	SV-361	HOSE	1
9	TF-2188	ELBOW	1
10	DG-8902	HOSE */**	2
11	SH-5534	BODY ASSEMBLY	1
	SH-5535	PREFILTER	1
	SL-2884	GASKET	1
12	HD-5488	BRACKET, SADDLE	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
13	SL-2886	CUP ASSEMBLY	1
	SH-5537	CUP	1
	SL-2885	DISC	1
14	TF-2183	TUBE ☉/☉☉	1
15	DG-8902	HOSE ☉	1
16	TG-5037	HOSE ☉☉	4
17	HC-902	CLAMP ☉/☉☉	8
18	TG-5034	HOSE ☉☉	1

NOTE: HD-5486 AIR CLEANER ASSY. INCLUDES REF. NOS. 11 & 13.
(USED WITH GM ENGINES)

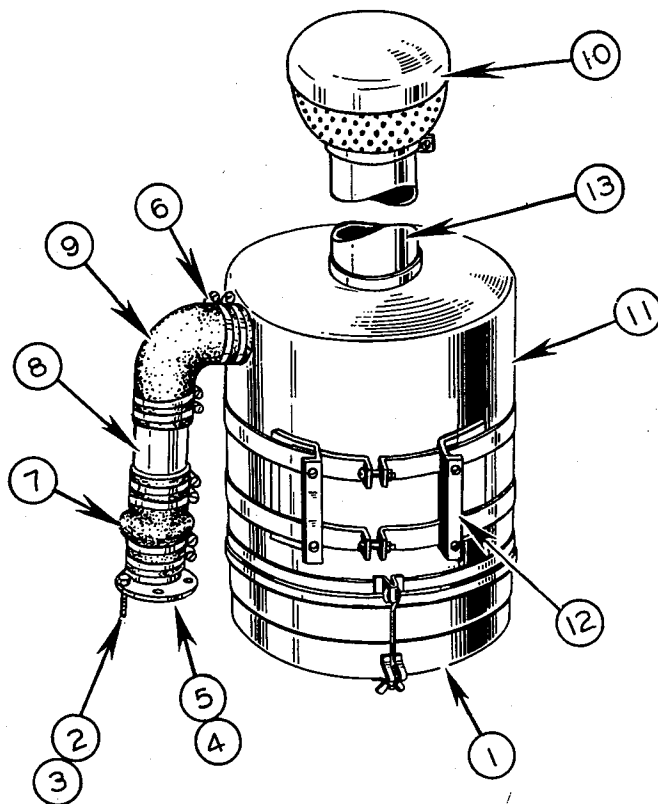


FIG. 1242 A
AIR CLEANER

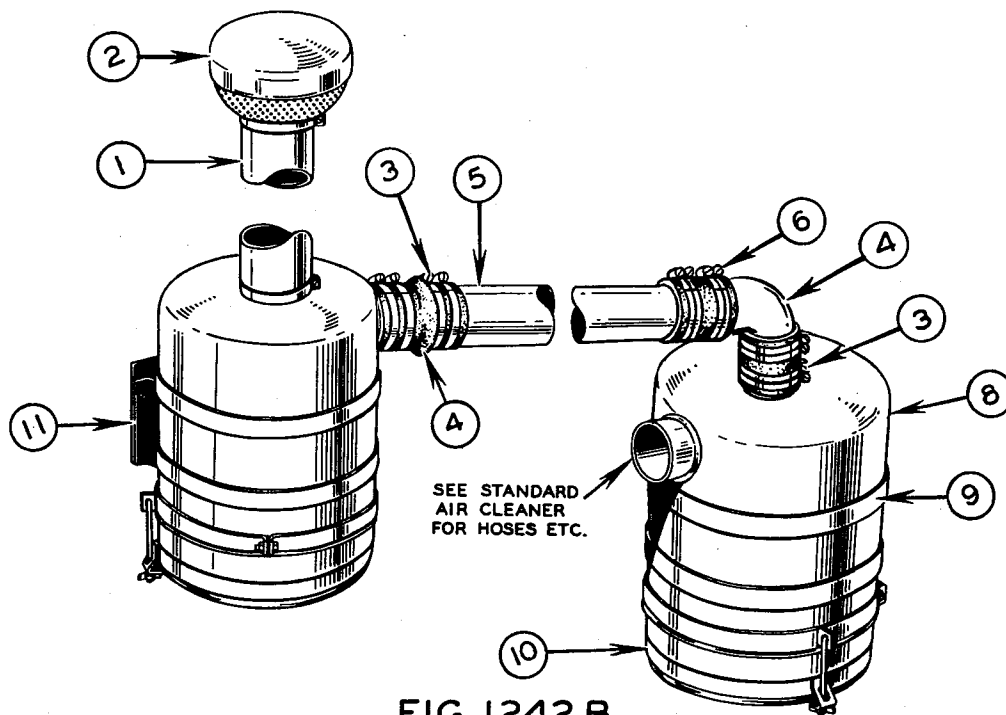


FIG. 1242 B
SUPPLEMENTARY AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1242A

AIR CLEANER - STANDARD

Ref. No.	Part No.	Description	Qty.
1	SP-1882	CUP ASSEMBLY	1
	SH-5542	CUP	1
	SL-2885	DISC	1
2	E-4538	CAPSCREW - 5/16" NC x 7/8"	4
3	C-1538	LOCKWASHER - 5/16"	4
4	TG-1373	FLANGE	1
5	TG-1376	GASKET	1
6	TC-9220	CLAMP	4
7	TF-5584	HOSE	1
8	TG-1532	TUBE	1
9	TC-2912	HOSE	1
10	HD-5487	CAP	1
11	TG-9970	BODY ASSEMBLY	1
	SH-5540	PREFILTER	1
	SP-1881	GASKET	1
12	TG-1379	BRACKET, SADDLE	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
13	TD-9693	EXTENSION	1
NOTE: TG-1378 AIR CLEANER ASSY. INCLUDES REF. NOS. 1 & 11.			
(USED WITH GM ENGINES)			
(EFFECTIVE WITH SERIAL SUFFIX DPF2 , DPF2-A & DPA2 ONLY.)			

FIGURE 1242B

SUPPLEMENTARY AIR CLEANER GROUP TF-2184

1	TD-9693	EXTENSION	1
2	HD-5487	INLET CAP	1
3	HC-902	CLAMP	12
4	TF-5584	HOSE	1
5	TG-1781	TUBE	1
6	DG-8902	HOSE	2
7	TF-2188	ELBOW	1
8	TG-9970	BODY ASSEMBLY	1
	SH-5540	PREFILTER	1
	SP-1881	GASKET	1
9	TG-1379	BRACKET, SADDLE	1
	C-1608	CAPSCREW - 7/16" NC x 1"	4
	C-5775	LOCKWASHER - 7/16"	4
	C-5572	NUT - 7/16" NC	4
10	SP-1882	CUP ASSEMBLY	1
	SH-5542	CUP	1
	SL-2885	DISC	1
NOTE: TG-1378 AIR CLEANER ASSY. INCLUDES REF. NOS. 8 & 10.			
(USED WITH GM ENGINES)			

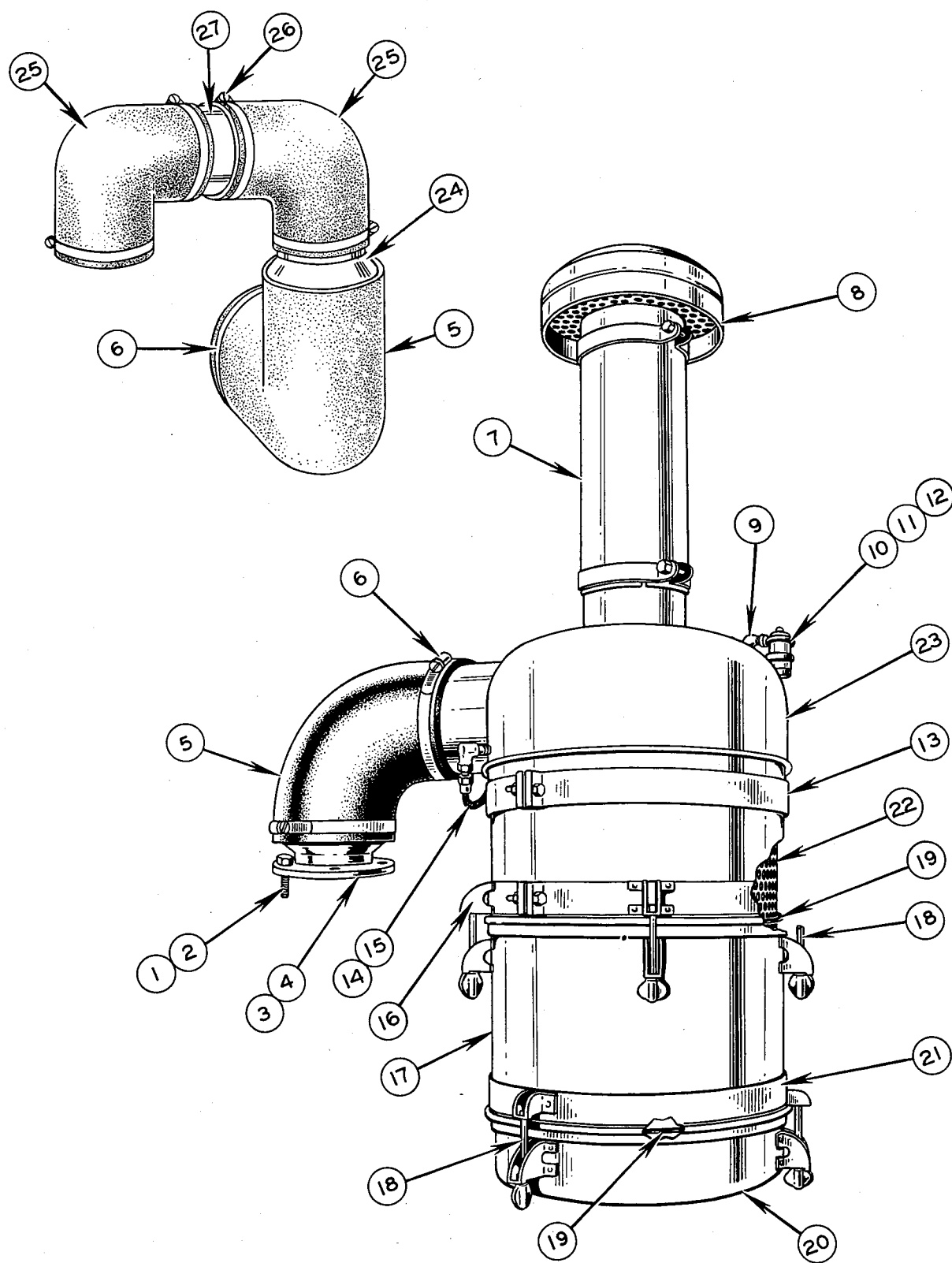


FIG. 1736

AIR CLEANER-ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1736

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	E-4538	CAPSCREW - 5/16" - 18NC x 7/8"	4
2	C-1538	LOCKWASHER - 5/16"	4
3	TH-7038	FLANGE, AIR INLET	1
4	TG-1376	GASKET	1
5	SR-3523	ELBOW, RUBBER	1
6	HE-5115	CLAMP, HOSE	2
7	TH-4347	EXTENSION	1
8	TH-5917	INLET	1
9	SF-8798	ELL, STREET - 1/8" NPT x 45°	1
10	TL-717	INDICATOR, SERVICE	1
11	DC-2726	SCREW, MACHINE - #8-32 x 3/8"	4
12	SD-2599	LOCKWASHER - #8	4
13	TH-9179	BAND ASSEMBLY	1
14	TF-4426	HOSE ASSEMBLY - 1/4" x 22"	1
15	TD-9736	ADAPTOR - 90°	1
	TH-4723	AIR CLEANER ASSEMBLY	1
16	TH-8589	BAND ASSEMBLY	1
17	TH-9178	DONACLONE ASSEMBLY	1
18	TH-3369	BOLT ASSEMBLIES	7
	SF-3014	NUT, WING	7
19	RK-1029	GASKET KIT	2
	TH-6758	GASKET	2
	TH-9205	GASKET	1
20	TH-6759	CUP ASSEMBLY	1
21	TH-6756	BAND ASSEMBLY	1
22	RK-1030	ELEMENT KIT	1
23	TH-9176	BODY ASSEMBLY	1
24	TR-4945	PIPE, REDUCING }	1
25	SV-362	ELBOW, RUBBER } Effective for Serial	2
26	HC-902	CLAMP, HOSE } Suffix DPF2-D Only	4
27	TR-6407	TUBE }	1
		NOT SHOWN	
	TH-9169	NUT, WING (Included in TH-4723 Assembly)	3
	DC-7524	CAPSCREW - 3/8" - 16NC x 7/8"	4
	C-312	LOCKWASHER - 3/8"	4
	C-1521	NUT - 3/8" - 16NC	4
(EFFECTIVE WITH SERIAL SUFFIX DPF2-B THRU DPF2-G, DPA2-A THRU DPA2-E, EX. DPF2-F, DPA2-D.)			

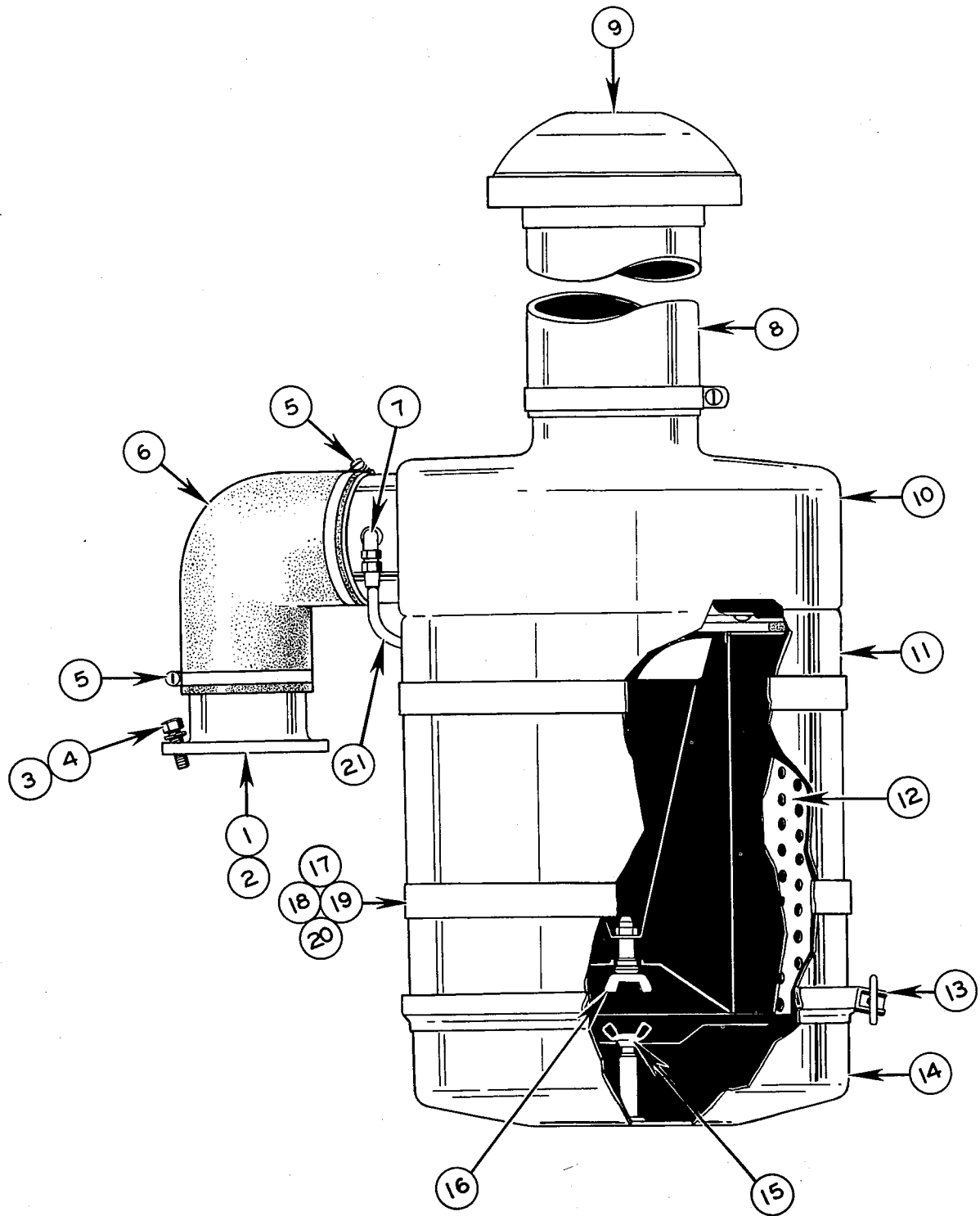


FIG. 1734

AIR CLEANER-ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1734

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	TR-4941	FLANGE, AIR INLET	1
2	TG-1376	GASKET	1
3	E-4538	CAPSCREW - 5/16" - 18NC x 7/8"	4
4	C-1538	LOCKWASHER - 5/16"	4
5	TC-9220	CLAMP, HOSE	2
6	TR-6420	ELBOW, RUBBER	1
7	TD-9736	ADAPTOR - 90°	1
8	TH-4347	STACK, EXTENSION	1
9	TH-5917	HOOD, INLET	1
10	TR-4922	AIR CLEANER ASSEMBLY	1
11	TR-7274	BODY	1
12	TR-7297	ELEMENT	1
13	TR-7298	CLAMP ASSEMBLY	1
14	TR-5850	CUP	1
15	TR-7299	BAFFLE & WING NUT	1
16	TH-9180	BOLT & GASKET ASSEMBLY	1
	TH-6753	BOLT	1
	TH-6755	WASHER, GASKET	1
17	TH-9179	BAND ASSEMBLY *	2
	VD-2728	BAND ASSEMBLY **	2
18	DC-7524	CAPSCREW - 3/8" - 16NC x 7/8" *	4
	SR-6311	CAPSCREW - 7/16" - 14NC x 7/8" **	4
19	C-312	LOCKWASHER - 3/8" *	4
	TD-795	LOCKWASHER - 7/16" **	4
20	C-1521	NUT - 3/8" - 16NC *	4
	C-5572	NUT - 7/16" - 14NC **	4
21	TF-4426	HOSE ASSEMBLY - 1/4" x 22"	1
NOT SHOWN			
	TL-717	INDICATOR, SERVICE *	1
	TV-275	INDICATOR, SERVICE **	1
	SH-7597	CAPSCREW - 1/2" - 13NC x 1/2" **	2
	SD-2583	LOCKWASHER, INT. TOOTH - 1/2" **	2
	TH-7238	RESTRICTOR **	1
	R-900	ELL, STREET - 1/8" NPT x 90° **	1
	DC-2726	SCREW, MACHINE - #8-32	4
	SD-2599	LOCKWASHER - #8	4
	SF-8798	ELL, STREET - 1/8" NPT x 45° *	1
NOTES: * EFFECTIVE THRU SERIAL SUFFIX DPF2-H & DPA2-F. ** EFFECTIVE WITH SERIAL SUFFIX DPF2-J & DPA2-G.			
(EFFECTIVE WITH SERIAL SUFFIX DPF2-F THRU DPF2-J & DPA2-D THRU DPA2-G EXCEPT DPF2-G & DPA2-E)			

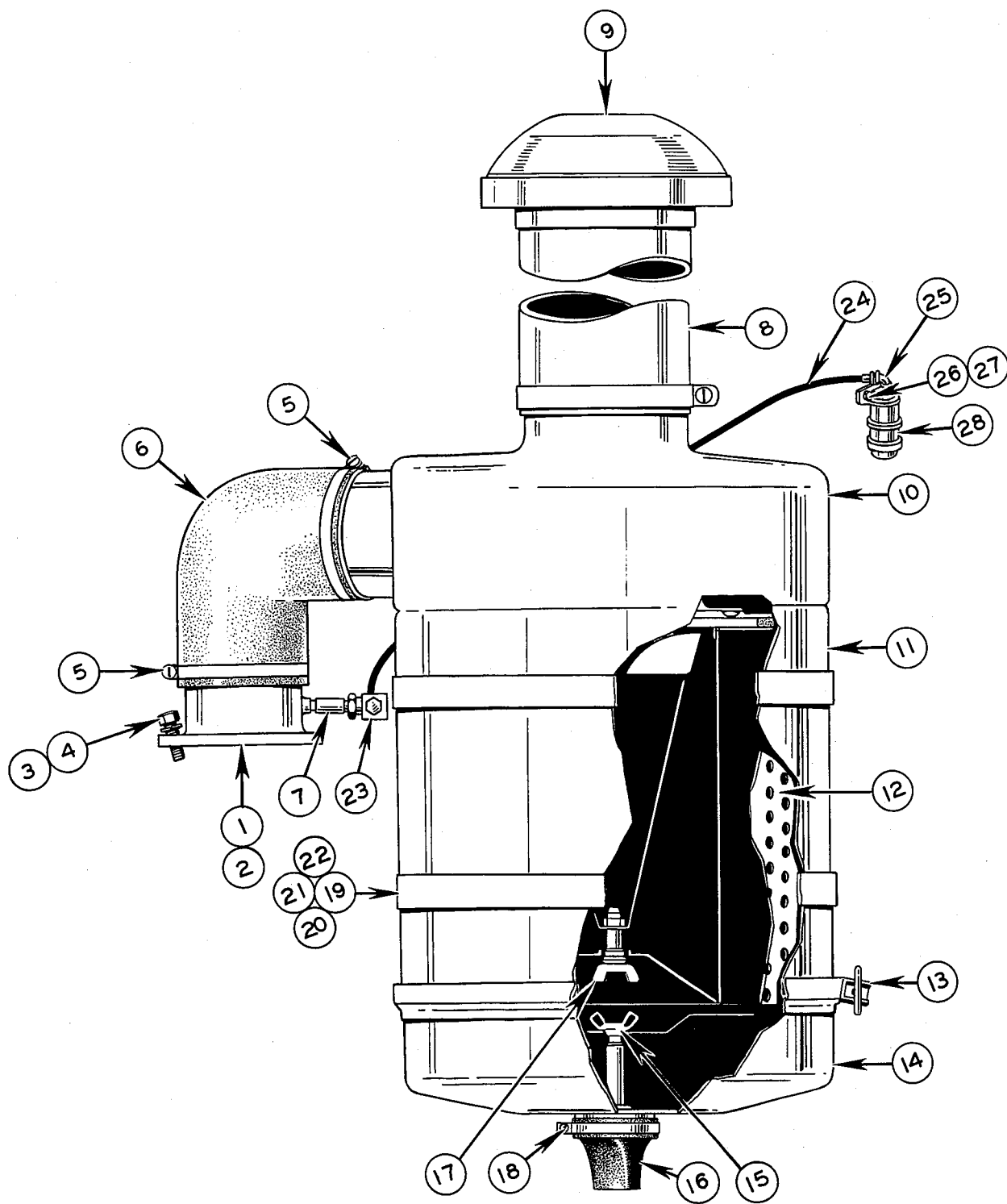


FIG. 2459

AIR CLEANER-ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

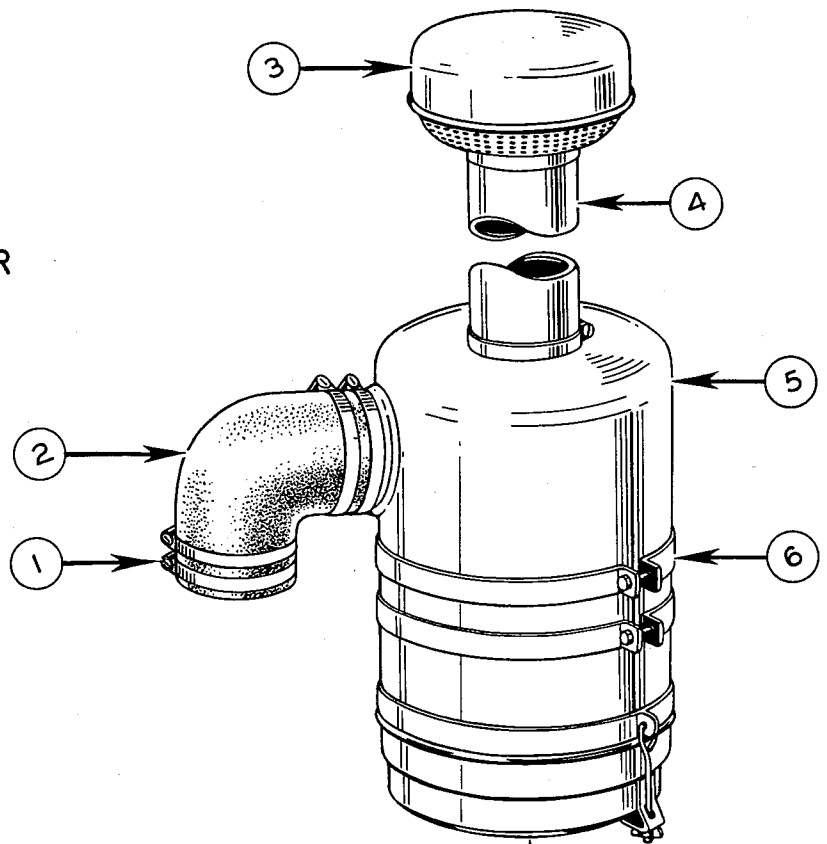
FIGURE 2459

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	TR-4941	FLANGE, AIR INLET	1
2	TG-1376	GASKET	1
3	E-4538	SCREW, CAP - 5/16" - 18NC x 7/8"	4
4	C-1538	WASHER, LOCK - 5/16"	4
5	TC-9220	CLAMP, HOSE	2
6	TR-6420	ELBOW, RUBBER	1
7	TH-7238	RESTRICTOR	1
8	TH-4347	STACK, EXTENSION	1
9	TH-5917	HOOD, INLET	1
10	VF-9084	AIR CLEANER ASSEMBLY	1
11	TR-7274	BODY	1
12	TR-7297	ELEMENT	1
13	TR-7298	CLAMP ASSEMBLY	1
14	VF-9085	CUP	1
15	TR-7299	BAFFLE & WING NUT	1
16	VF-9086	VALVE, RUBBER	1
17	TH-9180	BOLT & GASKET ASSEMBLY	1
	TH-6753	BOLT	1
	TH-6755	GASKET	1
18	VF-9092	CLAMP, WIRE	1
19	VD-2728	BAND ASSEMBLY	2
20	SR-6311	SCREW, CAP - 7/16" - 14NC x 7/8"	4
21	TD-795	WASHER, LOCK - 7/16"	4
22	C-5572	NUT - 7/16" - 14NC	4
23	TD-9736	ADAPTOR - 90°	1
24	TF-4426	HOSE ASSEMBLY - 1/4" x 22"	1
25	R-900	ELBOW, STREET - 1/8"NPT x 90°	1
26	SD-2583	WASHER, LOCK - 1/4"	2
27	SH-7597	SCREW, CAP - 1/4" - 20NC x 1/2"	2
28	TV-275	INDICATOR, SERVICE	1

(EFFECTIVE WITH SERIAL SUFFIX DPA2-H & DPF2-K)

FIG. 849 A
AIR CLEANER



SEE STANDARD
AIR CLEANER
FOR HOSES ETC.

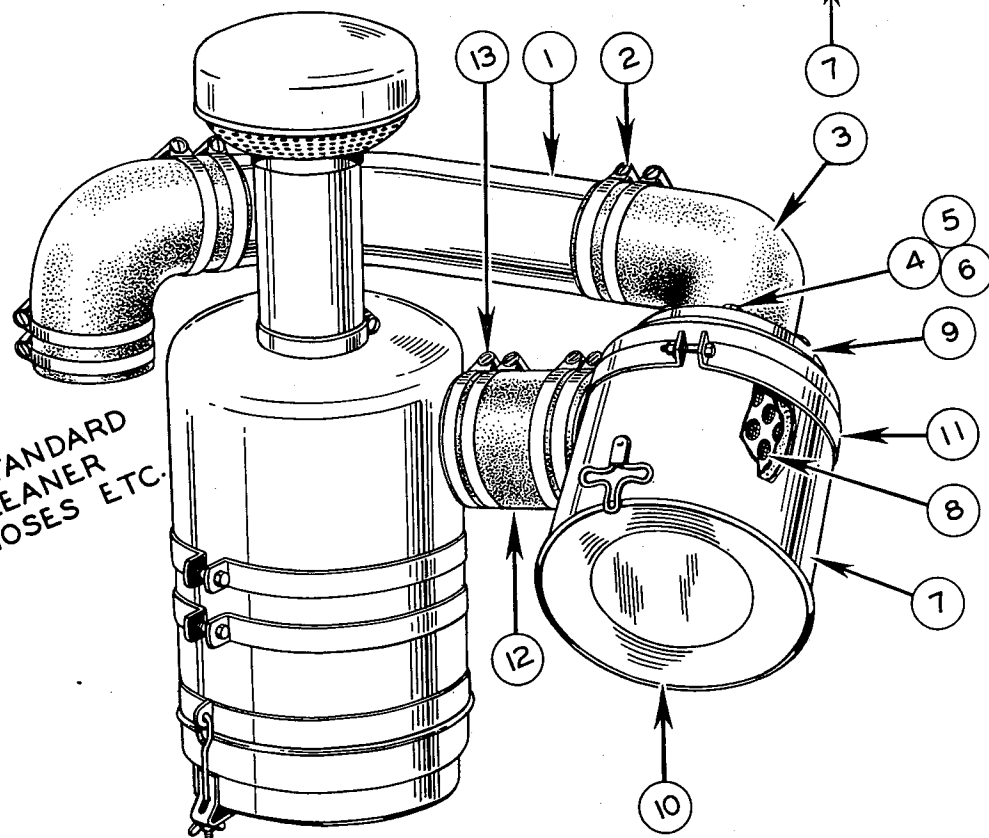


FIG. 849 B
SUPPLEMENTARY AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 849A

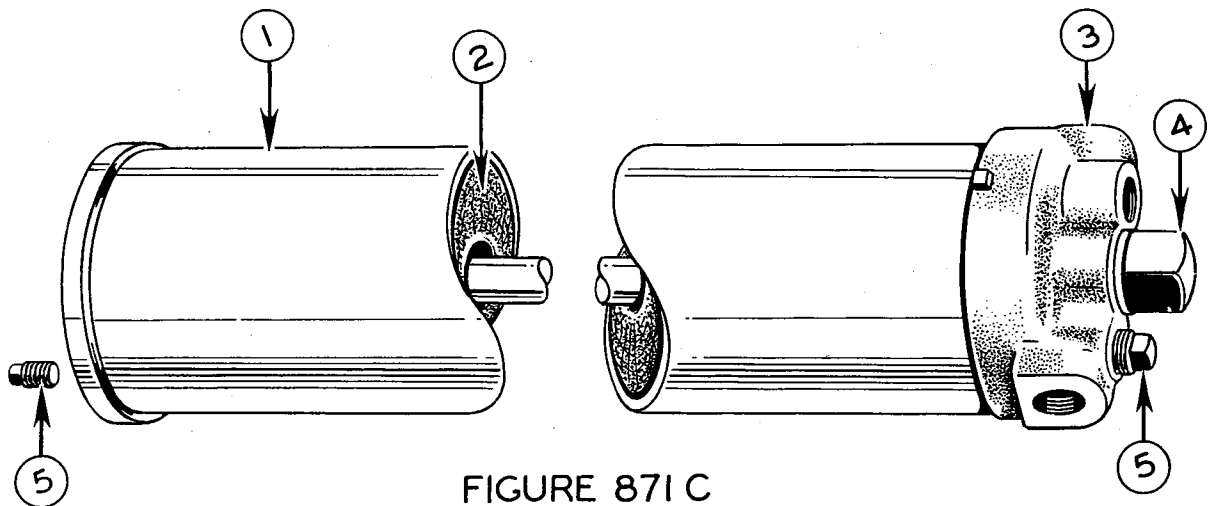
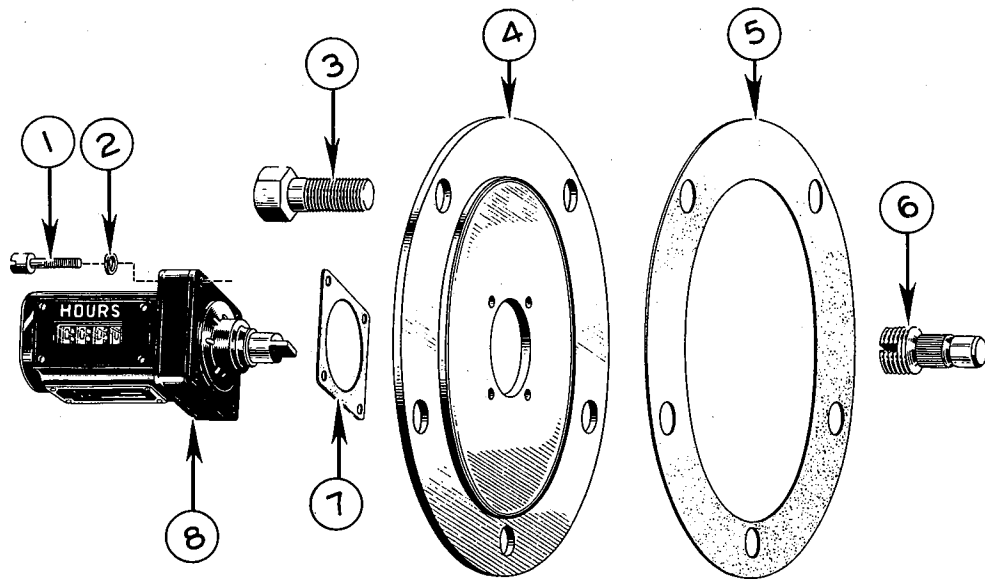
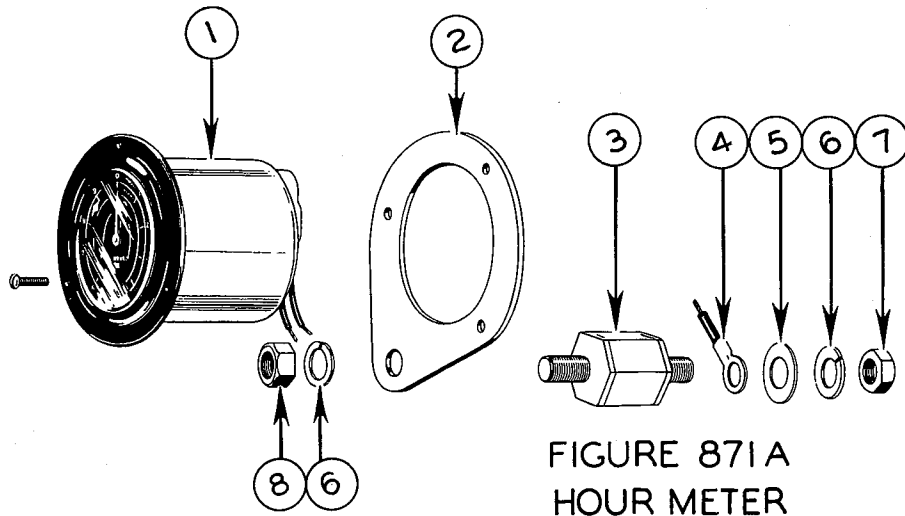
AIR CLEANER - STANDARD

Ref. No.	Part No.	Description	Qty.
1	HC-902	HOSE CLAMP	4
2	SV-362	ELBOW	1
3	SV-8571	INLET CAP	1
4	TC-3837	EXTENSION TUBE	1
5	TF-224	BODY ASSEMBLY	1
	TF-225	PREFILTER	1
6	TC-849	SADDLE BRACKET	1
7	TF-226	CUP ASSEMBLY	1
	TF-227	DISC	1
NOTE: TC-848 AIR CLEANER INCLUDES REF. NOS. 5 & 7.			
(USED WITH CUMMINS ENGINES)			

FIGURE 849B

SUPPLEMENTARY AIR CLEANER GROUP TD-6267

1	TC-2905	AIR CLEANER TUBE	1
2	HC-902	HOSE CLAMP	4
3	SV-362	ELBOW	1
4	TC-2910	REDUCER	1
5	R-3868	CAPSCREW - 5/16" NC x 1/2"	6
6	C-1538	LOCKWASHER - 5/16"	6
7	TC-844	AIR CLEANER ASSEMBLY	1
8	TF-223	CARTRIDGE ASSEMBLY	1
9	TF-238	BASE ASSEMBLY	1
		END PLATE	1
		MOUNTING RETAINER	1
		BOLT RING	1
		CLAMP ASSEMBLY	3
		GASKET	1
		GASKET	1
10	TF-214	COVER ASSEMBLY	1
		RETAINING RING	1
		GASKET	1
11	TC-845	MOUNT BRACKET ASSEMBLY	1
12	SL-6119	HOSE	1
13	TC-9220	HOSE CLAMP	4
(USED WITH CUMMINS ENGINES)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 871A

HOUR METER

Ref. No.	Part No.	Description	Qty.
1	SL-7833	HOUR METER	1
2	SP-1123	MOUNT PLATE	1
3	SP-1124	NEOPRENE MOUNTING	1
4	SG-8814	TERMINAL	1
5	C-1546	FLAT WASHER - 1/4"	1
6	C-1538	LOCKWASHER - 5/16"	2
7	C-9656	NUT - 5/16" NF	1
8	C-1520	NUT - 5/16" NC	1

(USED WITH CUMMINS ENGINES)

FIGURE 871B

HOUR METER

1	SL-6010	CAPSCREW - DRILLED	1
	SL-5613	CAPSCREW	3
2	H-2643	LOCKWASHER	4
3	SL-6008	CAPSCREW - DRILLED	1
	C-1612	CAPSCREW	4
4	SL-5122	PLATE	1
5	SL-5121	GASKET	1
6	SL-5119	DRIVE SHAFT	1
7	SL-5123	GASKET	1
8	SL-5124	HOUR METER	1

(USED WITH GM ENGINES)

FIGURE 871C

LUBE OIL FILTER HD-1004

1	SG-5861	SUMP ASSEMBLY (Includes Shell, Rod & Cover)	1
2	SL-3173	CARTRIDGE	2
3	SG-5869	HEAD	1
	HD-1565	GASKET	1
4	HD-1571	NUT	1
	HD-1570	GASKET	1
5	C-5770	PIPE PLUG	2
NOT SHOWN			
	SG-1392	MOUNT BRACKET	1
	DC-7524	CAPSCREW - 3/8" NC x 7/8"	2
	C-312	LOCKWASHER - 3/8"	4
	C-1675	CAPSCREW - 3/8" NF x 4"	2
	C-1547	WASHER - 3/8" FLAT	4

(EFFECTIVE THRU SERIAL SUFFIX DP-R, DPS, DPF2-A & DPA2.)

(USED WITH GM ENGINES)

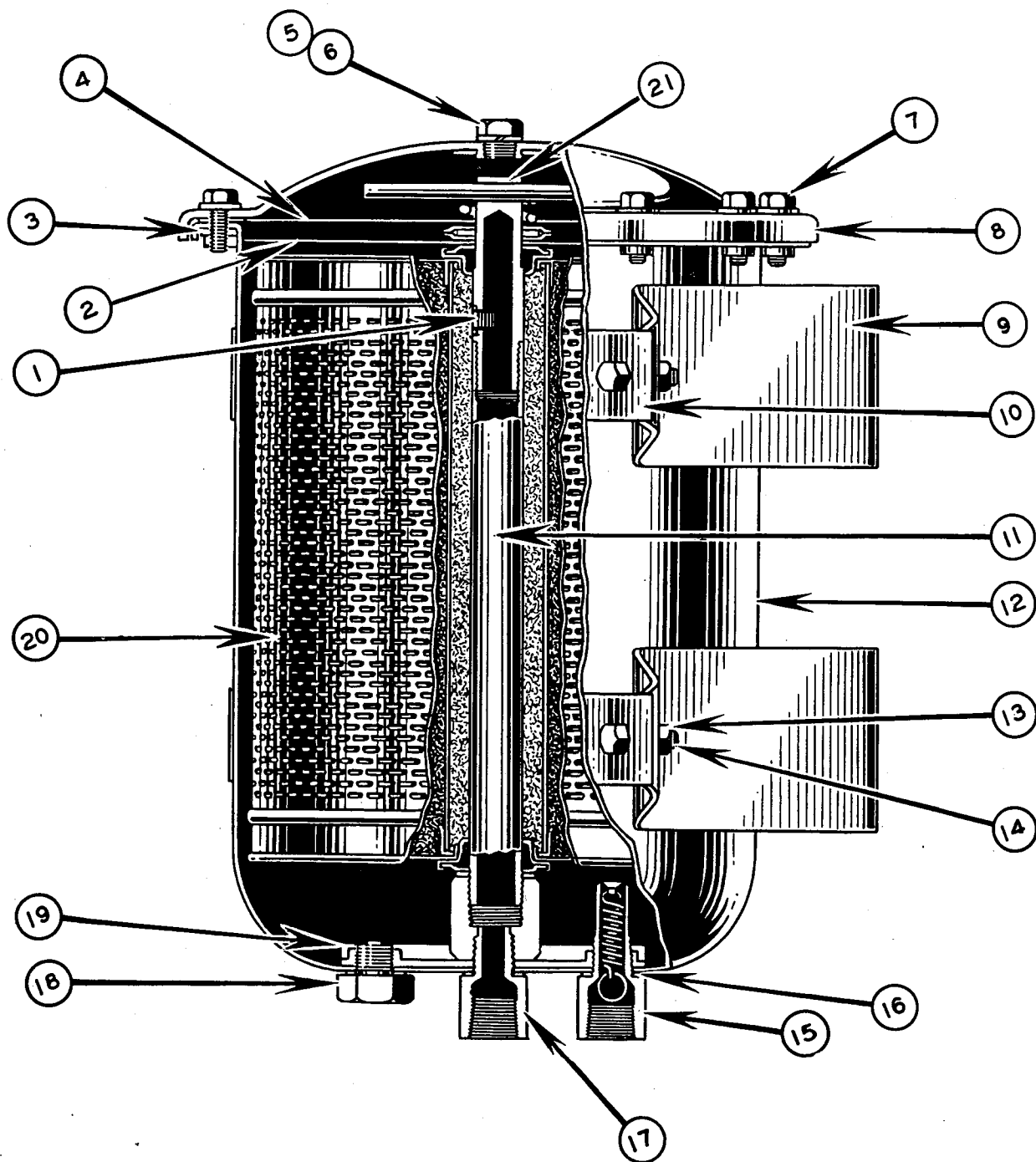


FIG. 386

LUBE OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 386

LUBE OIL FILTER SH-7796

Ref. No.	Part No.	Description	Qty.
1	SL-222	ORIFICE PLUG - 3/32"	1
2	SL-214	PACK CENTERING PLATE	1
3	SL-215	BOLT RING	1
4	SL-216	GASKET (Cover)	1
5	SL-3076	CAPSCREW	1
6	SL-3077	GASKET	1
7	SL-220	BOLT (With Washer)	12
8	SL-221	COVER	1
9	SL-206	MOUNT BRACKET	2
10	SL-207	BRACKET BAND	2
11	SL-209	OUTLET TUBE & NUT ASSEMBLY	1
12	SL-204	HOUSING	1
13	SG-165	JAM NUT - 5/16" NC	4
14	C-1598	CAPSCREW - 5/16" NC x 1"	4
15	SL-217	INLET CHECK VALVE ASSEMBLY	1
16	SL-210	GASKET	3
17	SL-211	HOLLOW BOLT	1
18	SL-224	CAPSCREW (Drain Plug)	1
19	SL-3073	SUPPORT	1
20	SH-8986	FILTER ELEMENT	1
21	SL-219	PACK TAKE-UP ASSEMBLY	1
	SL-228	PACK SCREW	1
	SL-229	SPRING	1
	SL-230	HANDLE	1
	SL-231	NEOPRENE GASKET	1
	SL-232	STEEL WASHER	1
NOT SHOWN & NOT INCLUDED			
	SH-7793	FILTER MOUNT PLATE	1
	S-5823	BUSHING - 1/2" x 1/4"	2
	C-1602	CAPSCREW - 3/8" NC x 1"	10
	C-312	LOCKWASHER - 3/8"	10
	C-1521	NUT - 3/8" NC	10
LUBERFINER MODEL 500B			
OPTIONAL			
(USED WITH GM ENGINES)			

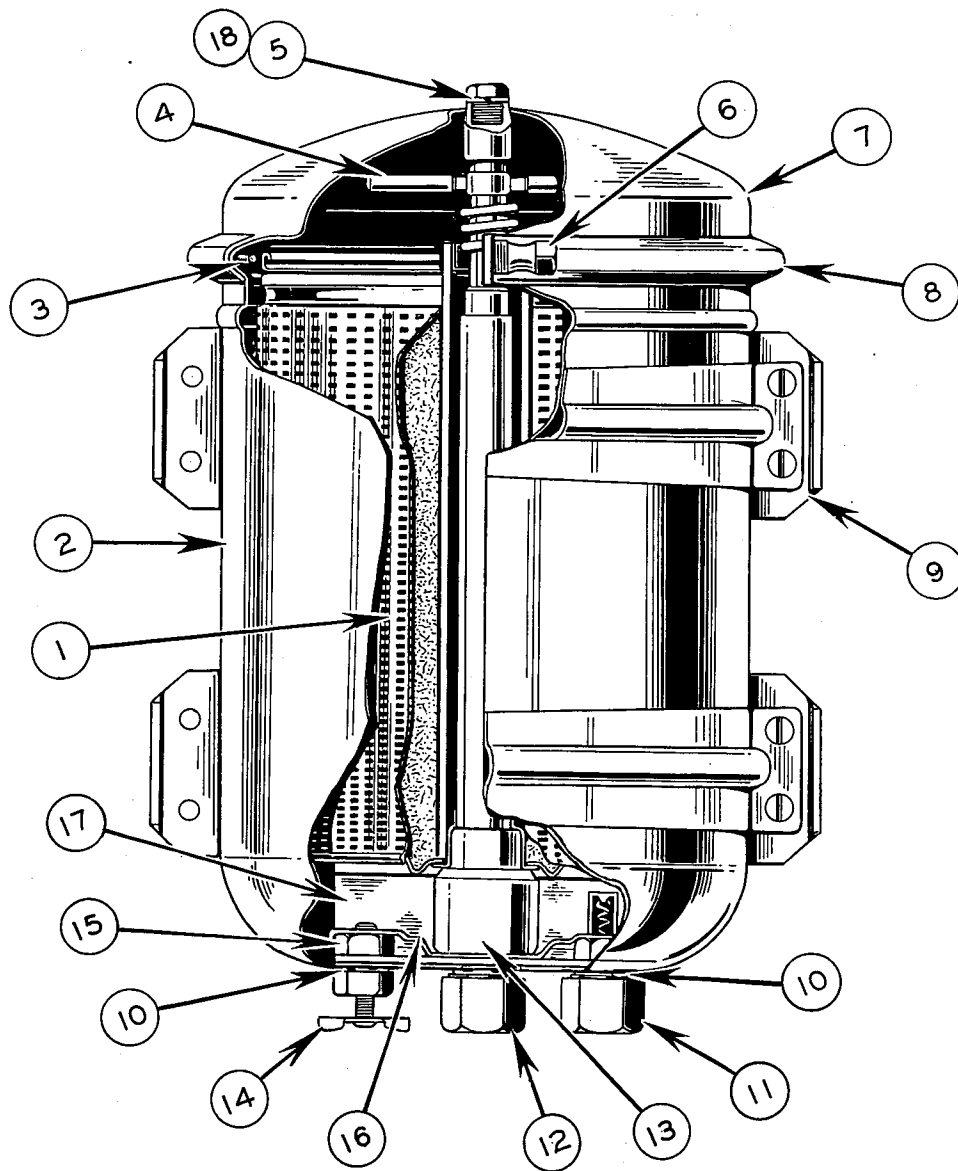


FIG. 866

FUEL OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 866

LUBE OIL FILTER GROUP SP-6800 TH-6148 * VF-3208π
TC-5752 TR-6417**

Ref. No.	Part No.	Description	Qty.
	SL-9331	FILTER ASSEMBLY	1
1	SH-8986	ELEMENT, FILTER	1
2	SL-9345	HOUSING	1
3	SL-9335	GASKET, COVER	1
4	SL-9337	PACK HOLD-DOWN ASSEMBLY	1
	SL-9348	STUD	1
	SL-9344	HANDLE	1
	SL-9338	SPRING	1
	SL-9340	WASHER, STEEL	3
	SL-9339	WASHER, NEOPRENE	1
5	SL-3076	CAPSCREW	1
6	SL-9336	BOLT	1
7	SL-9346	COVER	1
8	TF-9890	RING ASSEMBLY, CLAMPING	1
9	SL-9343	BRACKET ASSEMBLY, MOUNT	2
	SL-9342	BRACKET	2
	SL-9341	BAND, BRACKET	8
	SL-9329	SCREW	8
	SL-9330	NUT	8
10	SL-210	GASKET	3
11	SL-217	VALVE ASSEMBLY, CHECK	1
	SL-9332	BOLT, HOLLOW	1
12	SL-211	BOLT, HOLLOW	1
13	SL-209	TUBE & NUT ASSEMBLY	1
14	TC-7801	COCK, DRAIN	1
15	C-9771	NUT, - 5/8" - 18NF	2
16	TD-7199	RETAINER	1
17	TD-7198	SUPPORT, PACK	1
18	SL-3077	WASHER	1
NOT SHOWN			
	TH-6144	PLATE, MOUNT *	1
	SH-7793	PLATE, MOUNT	1
	VF-3209	PLATE, MOUNT π	1
	C-1602	CAPSCREW - 3/8" - 16NC x 1"	10
	C-312	LOCKWASHER - 3/8"	10
	C-1521	NUT - 3/8" - 16NC	10
	S-5823	BUSHING - 1/2" x 1/4" NPT	2
	TF-4118	HOSE ASSEMBLY - 1/4" x 14"	1
	TF-4122	HOSE ASSEMBLY - 1/4" x 22"	1
	TF-4143	HOSE ASSEMBLY - 1/4" x 45" *	1
	TF-4151	HOSE ASSEMBLY - 1/4" x 60" *	1
	TF-4249	HOSE ASSEMBLY - 3/8" x 54" **	1
	TF-4253	HOSE ASSEMBLY - 3/8" x 66" **	1
	TF-4144	HOSE ASSEMBLY - 1/4" x 48" π	1
	TF-4146	HOSE ASSEMBLY - 1/4" x 51" π	1
	TD-9719	ADAPTOR, STRAIGHT	2
	TD-9717	ADAPTOR, STRAIGHT-1/4"NPT x 1/2"-20NF π	2
	S-2916	ELL, STREET - 1/4" NPT x 90°	2
	TC-2832	CLAMP, HOSE *	3
	TD-9747	ELL, TUBE - 90° *	2
	TD-5556	ADAPTOR, MALE - 90° **	1
STANDARD FOR CUMMINS ENGINES - OPTIONAL FOR GM ENGINE.			
(LUBERFINER MODEL 500C)			

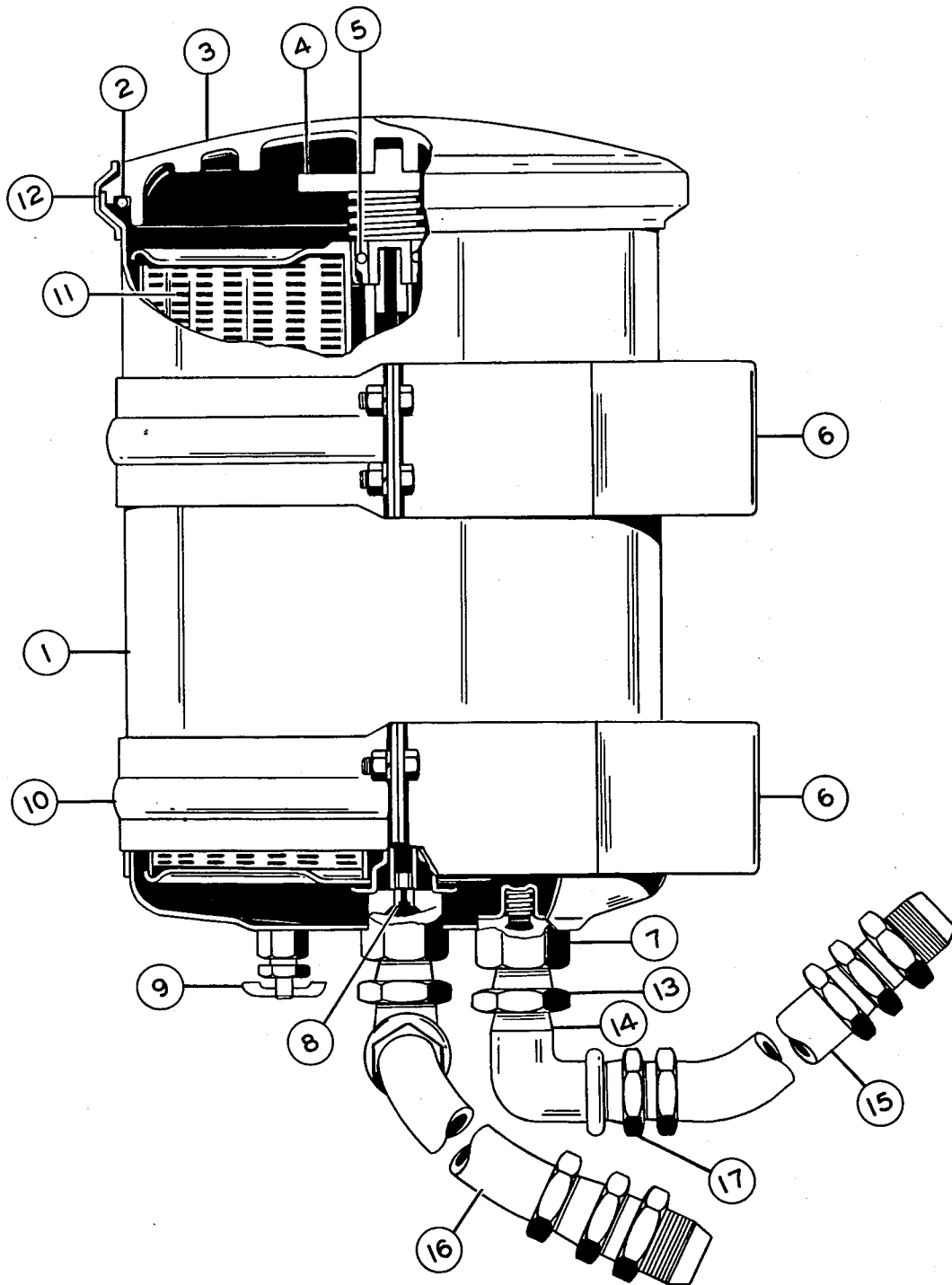


FIG. 2188
LUBE OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2188

LUBE OIL FILTER GROUP VF-3200
VF-3207 *

Ref. No.	Part No.	Description	Qty.
	VF-1575	FILTER ASSEMBLY	1
1		SHELL ASSEMBLY (Not Serviced)	1
2	VF-2422	"O" RING	1
3	VF-2421	COVER	1
4	VF-2426	SUPPORT ASSEMBLY, UPPER	1
5	VF-2427	"O" RING	1
6	VF-2432	BRACKET, MOUNT	2
7	VF-2428	VALVE ASSEMBLY, INLET	1
	VF-2429	GASKET	1
8	VF-2431	ORIFICE, FLOW RESTRICTION	1
9	VF-2430	COCK, DRAIN - 3/8" NPT	1
10	VF-2433	STRAP, MOUNT BRACKET	2
11	SH-8986	ELEMENT, FILTER	1
12	VF-2423	COUPLING, ASSEMBLY	1
13	S-5823	BUSHING - 1/2" x 1/4" NPT	2
14	S-2916	ELL, STREET - 1/4" NPT x 90°	2
15	TF-4118	HOSE ASSEMBLY - 1/4" x 14"	1
	TF-4146	HOSE ASSEMBLY - 1/4" x 51" *	1
16	TF-4122	HOSE ASSEMBLY - 1/4" x 18"	1
	TF-4144	HOSE ASSEMBLY - 1/4" x 48" *	1
17	TD-9719	ADAPTOR, STRAIGHT	2
	TD-9717	ADAPTOR, STRAIGHT *	2
NOT SHOWN			
	SH-7793	PLATE, FILTER MOUNT	1
	VF-3209	PLATE, FILTER MOUNT *	1
	C-1602	CAPSCREW - 3/8" - 16NC x 1"	10
	C-312	LOCKWASHER - 3/8"	10
	C-1521	NUT - 3/8" - 16NC	10
	H-3167	CLIP, JIFFY *	2
	C-5780	NUT - 1/4" - 20NC *	1
(WABCO MODEL 500)			

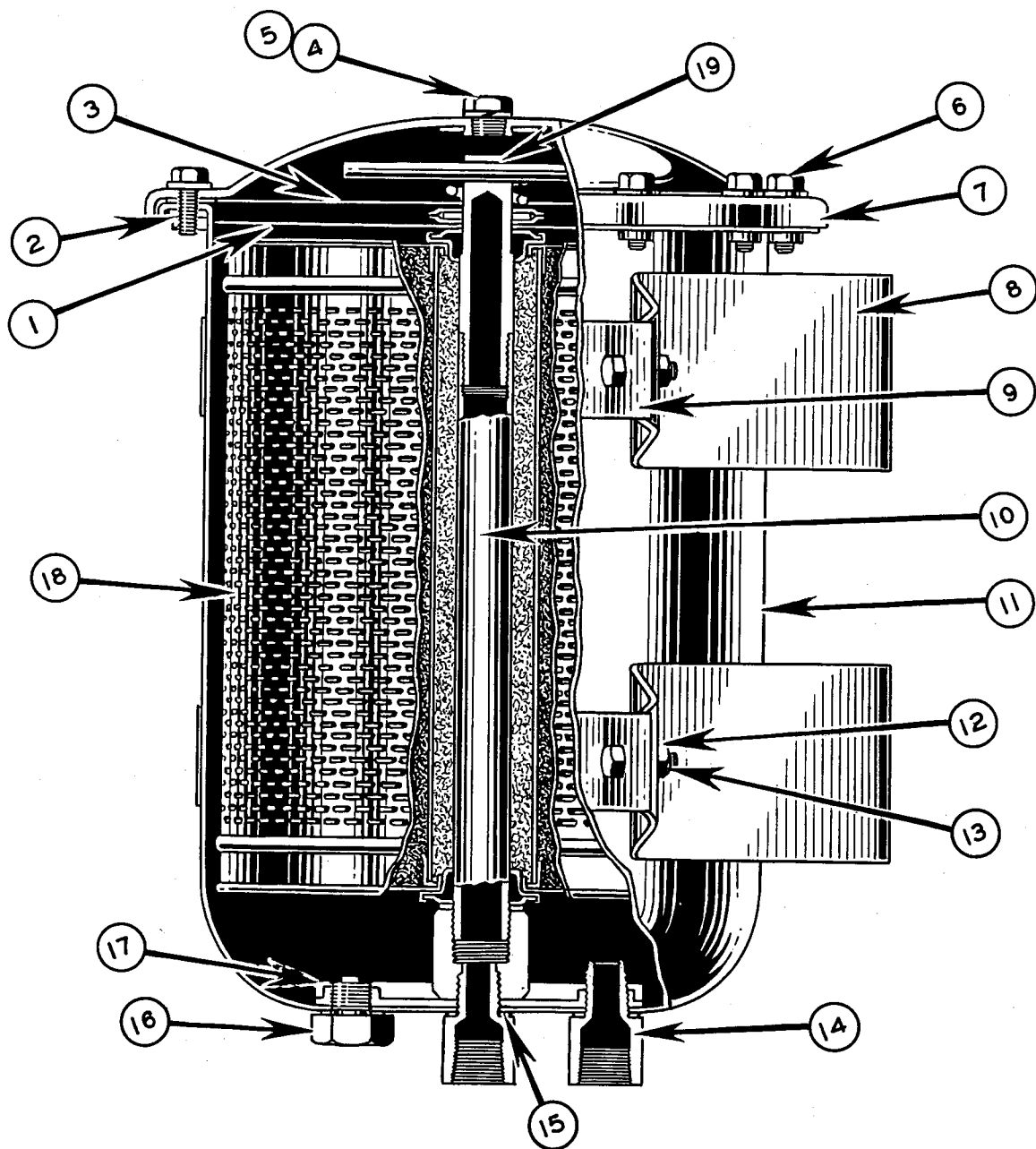


FIG. 388

FUEL OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 388

FUEL OIL FILTER SH-7797

Ref. No.	Part No.	Description	Qty.
1	SL-214	PACK CENTERING PLATE	1
2	SL-215	BOLT RING	1
3	SL-216	GASKET (Cover)	1
4	SL-3076	CAPSCREW	1
5	SL-3077	GASKET	1
6	SL-220	BOLT (With Washer)	12
7	SL-221	COVER	1
8	SL-206	MOUNT BRACKET	2
9	SL-207	BRACKET BAND	2
10	SL-209	TUBE & NUT ASSEMBLY	1
11	SL-204	HOUSING	1
12	SG-165	JAM NUT - 5/16" NC	4
13	C-1598	CAPSCREW - 5/16" NC x 1"	4
14	SL-211	HOLLOW BOLT	2
15	SL-210	GASKET	3
16	SL-224	CAPSCREW	1
17	SL-3073	REINFORCEMENT PLATE	1
18	SH-8986	FILTER ELEMENT	1
19	SL-219	PACK TAKE UP ASSEMBLY	1
	SL-228	PACK SCREW	1
	SL-229	SPRING	1
	SL-230	HANDLE	1
	SL-231	NEOPRENE GASKET	1
	SL-232	STEEL WASHER	1
NOT SHOWN & NOT INCLUDED			
	SH-9312	FILTER MOUNT PLATE	1
	DF-6841	DRAIN COCK	1
	S-5823	BUSHING - 1/2" x 1/4"	2
	HC-2489	CONNECTOR - 5/8" x 1/4"	2
	SG-673	GROMMET	2
	C-1602	CAPSCREW - 3/8" NC x 1"	9
	C-312	LOCKWASHER - 3/8"	9
	C-1521	NUT - 3/8" NC	9
	SL-6449	STRAINER TUBE ASSEMBLY	1
NOTE: SH-7797 FUEL FILTER ASSY. INCLUDES REF. NOS. 1 THRU 19.			
LUBERFINER MODEL 500B			
OPTIONAL			
(USED WITH GM ENGINES)			

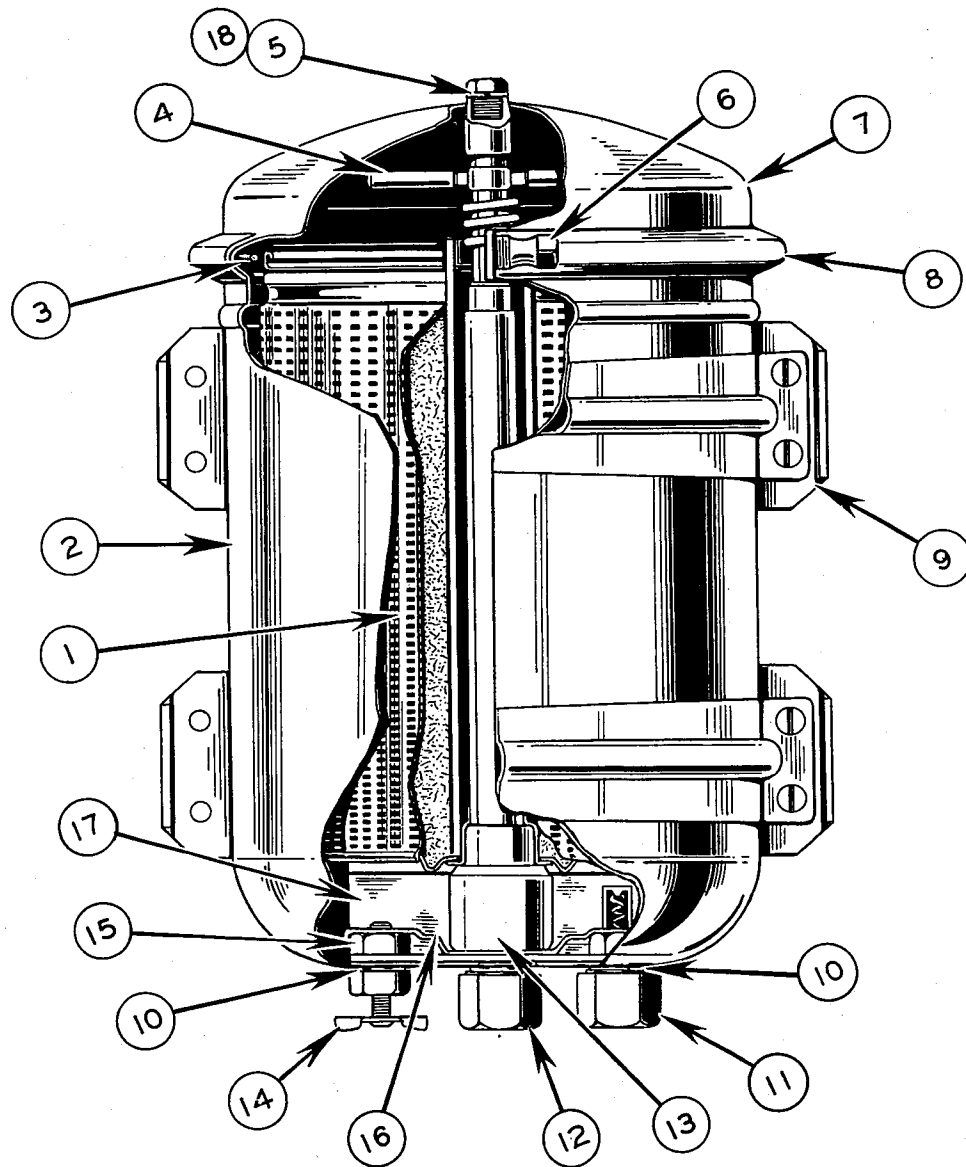


FIG. 866

LUBE OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 866

FUEL OIL FILTER GROUP SP-6802
TC-5753 TH-6147*

Ref. No.	Part No.	Description	Qty.
1	SH-8986	ELEMENT, FILTER	1
2	SL-9345	HOUSING	1
3	SL-9335	GASKET, COVER	1
4	SL-9347	PACK HOLD DOWN ASSEMBLY	1
	SL-9333	STUD	1
	SL-9344	HANDLE	1
	SL-9338	SPRING	1
	SL-9340	WASHER, STEEL	1
	SL-9339	WASHER, NEOPRENE	1
5	SL-3076	CAPSCREW	1
6	SL-9336	BOLT	1
7	SL-9346	COVER	1
8	TF-9890	CLAMPING RING ASSEMBLY	1
9	SL-9343	BRACKET, MOUNT	2
	SL-9342	BRACKET	2
	SL-9341	BAND, BRACKET	2
	SL-9329	SCREW	8
	SL-9330	NUT	8
10	SL-210	GASKET	3
11	SL-9332	BOLT, HOLLOW	1
12	SL-211	BOLT, HOLLOW	1
13	SL-209	TUBE & NUT ASSEMBLY	1
14	TC-7801	COCK, DRAIN	1
15	C-9771	NUT - 5/8" NF	2
16	TD-7199	RETAINER	1
17	TD-7198	SUPPORT, PACK	1
18	SL-3077	WASHER	1
NOT SHOWN			
	SH-9312	PLATE, MOUNT	1
	S-5823	BUSHING - 1/2" NPT x 1/4" NPT	2
	HC-2489	CONNECTOR - 5/8" NPT x 1/4" NPT	2
	SG-673	GROMMET	2
	C-1602	CAPSCREW - 3/8" NC x 1"	9
	C-312	LOCKWASHER - 3/8"	9
	C-1521	NUT - 3/8" NC	9
	DF-6841	COCK, DRAIN	1
	H-8549	ELL, TUBE - 90° *	1
	SL-6449	TUBE ASSEMBLY - 3/8" x 36"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
	TH-6143	TUBE ASSEMBLY - 3/8" x 16" *	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
NOTES: * USED WITH GAS CONDITIONER			
SL-9349 FUEL FILTER ASSY. INCLUDES REF. NOS. 1 THRU 18.			
(LUBERFINER MODEL 500C)			
(OPTIONAL)			
(USED WITH GM ENGINES)			

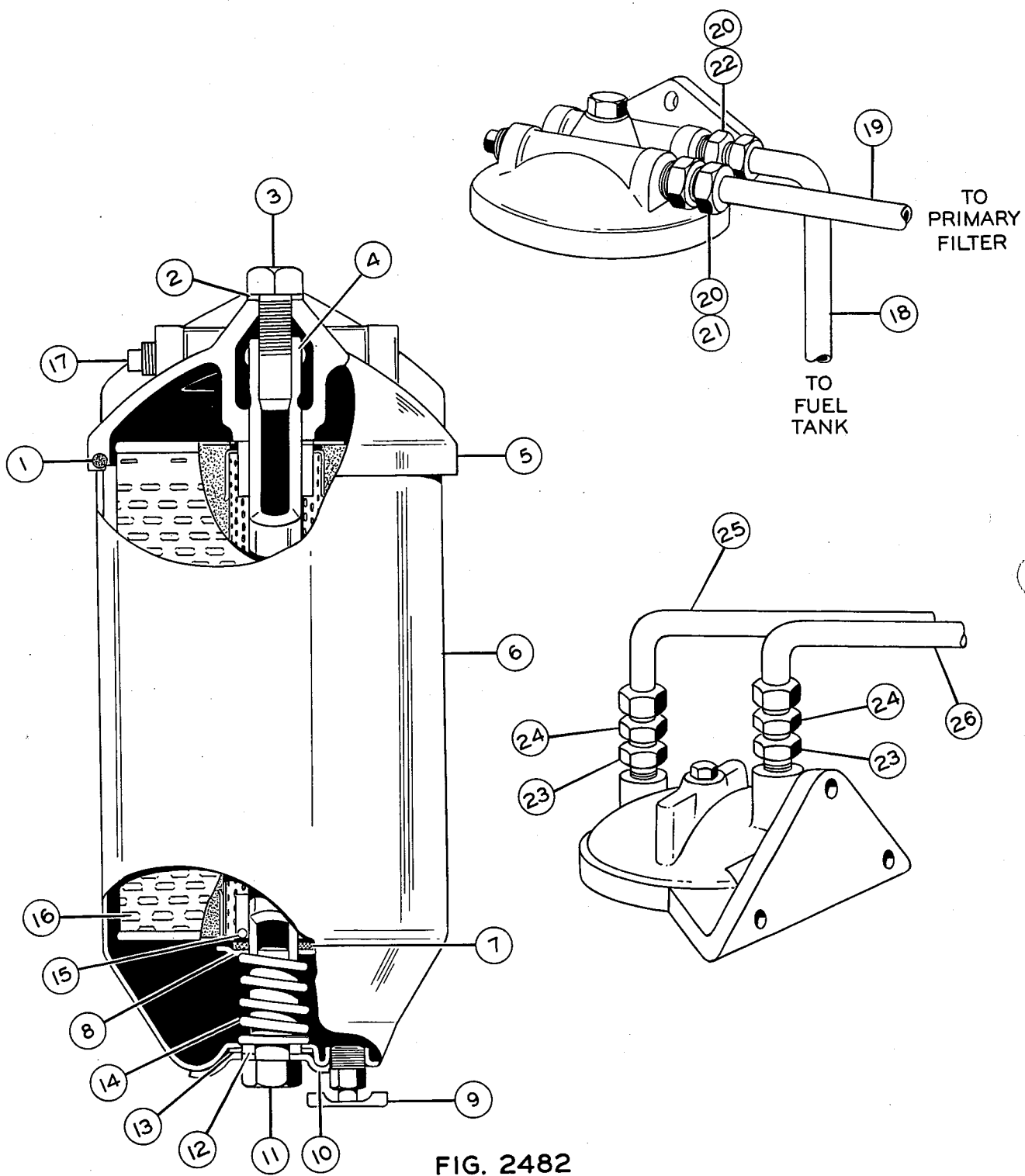


FIG. 2482
FUEL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2482

FUEL OIL FILTER GROUP

VD-7098

VD-7099 * VH-2346**

Ref. No.	Part No.	Description	Qty.
	VD-7090	FILTER ASSEMBLY	1
	VH-2345	FILTER ASSEMBLY **	1
1	VF-4982	"O" RING	1
2	VF-4981	SEAL, FIBER	1
3	VF-4980	SCREW	1
4	VF-4972	TUBE, OUTLET	1
5	VF-4979	COVER	1
		COVER **	1
6	VF-4971	HOUSING	1
7	SL-231	WASHER, NEOPRENE	1
8	VF-4977	WASHER, STEEL	1
9	VF-4975	COCK, DRAIN	1
10	VF-4973	CUP, REINFORCING	1
11	SL-224	SCREW - 5/8" - 18NF x 1"	1
12	SL-210	SEAL, ALUMINUM	1
13	VF-4974	GASKET, FIBER	1
14	VF-4976	SPRING, PACK	1
15	VF-4978	RING, RETAINING	1
16	VF-4983	ELEMENT, FILTER	1
17	C-5771	PLUG, PIPE - 1/2"NPT	2
18	VD-7093	TUBE ASSEMBLY - 3/8" x 96" - FROM FUEL TANK	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
19	VD-7094	TUBE ASSEMBLY - 3/8" x 46" - TO PRIMARY FILTER	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
20	S-5823	BUSHING - 1/2" x 1/4"NPT	2
21	HC-2489	REDUCER (For 3/8" Tube)	1
22	H-8549	ELL, TUBE - 1/4"NPT	1
23	H-3018	BUSHING, REDUCING **	2
24	TH-2245	CONNECTOR **	2
25	VH-2344	LINE ASSEMBLY FUEL - FROM TUBE UNION **	1
26	VH-2342	LINE ASSEMBLY FUEL - TO PRIMARY FILTER **	1
	VH-2348	LINE ASSEMBLY FUEL - TO PRIMARY FILTER (Use with Exhaust Gas Conditioner)	1
NOT SHOWN			
	VD-7091	PLATE, FILTER MOUNT	1
	VD-7096	PLATE, FILTER MOUNT *	1
	VD-7097	PLATE, FILTER SUPPORT *	1
	VG-3698	PLATE, FILTER SUPPORT **	1
	C-1523	NUT - 1/2" - 13NC *	3
	C-1613	CAPSCREW - 1/2" - 13NC x 1 1/4"	3
	C-1540	LOCKWASHER - 1/2"	3
	SG-5696	CLAMP, JIFFY **	2
	C-5746	SCREW, CAP - 1/4" - 20NC x 3/4" **	2
	C-5774	WASHER, LOCK - 1/4" **	2
	TD-2186	GROMMET	2
	SF-3946	CONNECTOR, TUBE **	1
(LUBERFINER MODEL F-155C)			

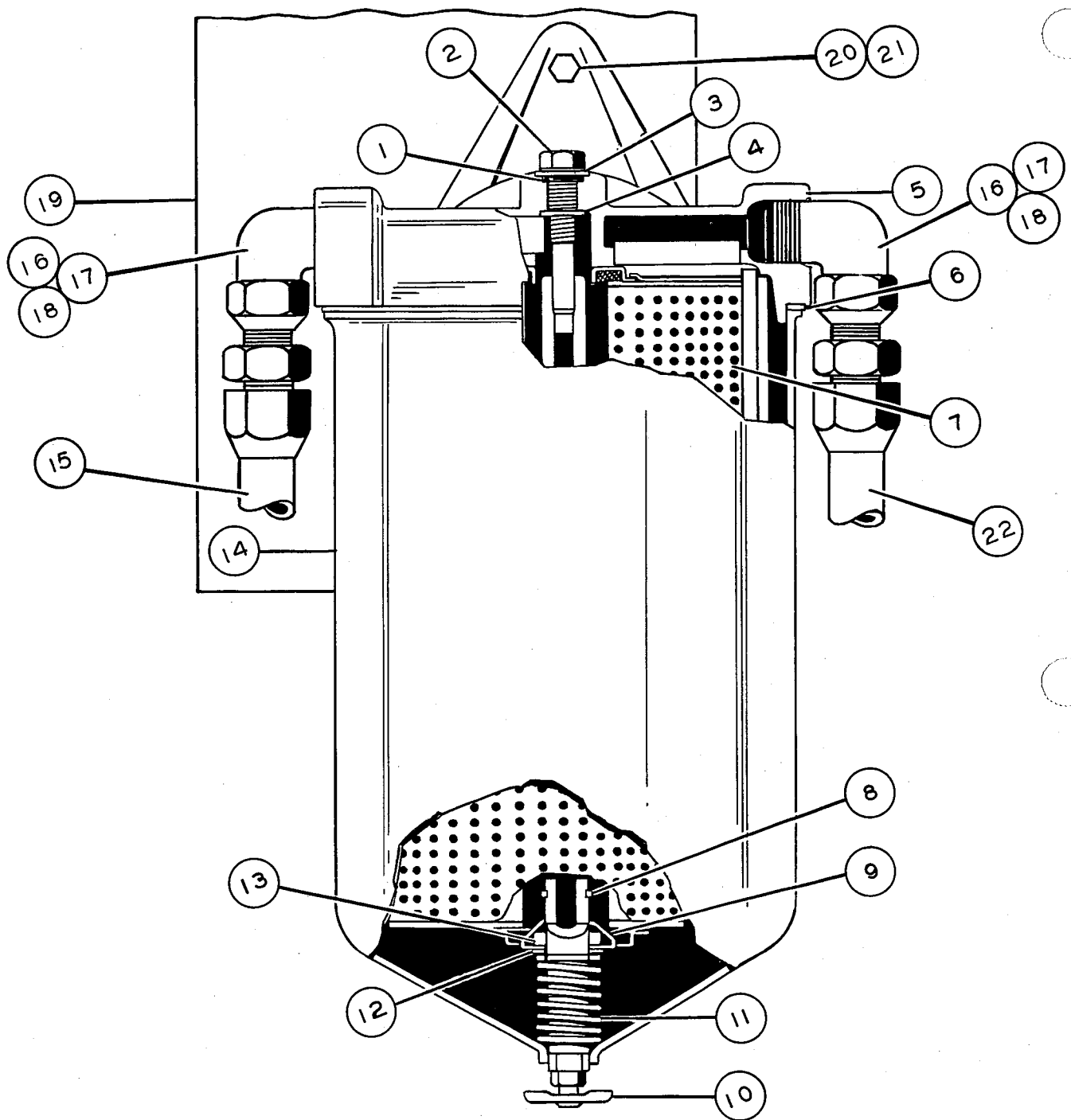


FIG. 2477

FUEL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2477

FUEL FILTER - VG-5173

Ref. No.	Part No.	Description	Qty.
	VF-1577	FUEL FILTER ASSEMBLY	1
1	VF-2439	"O" RING	1
2	VF-2437	CAPSCREW	1
3	VF-2438	WASHER	1
4	VF-2441	RING, GRIP	1
5	VF-2435	HEAD	1
6	VF-2440	GASKET	1
7	VC-8812	ELEMENT, FILTER	1
8	VF-2442	RING, GRIP	1
9	VF-2443	SUPPORT	1
10	VF-2447	COCK, DRAIN	1
11	VF-2446	SPRING	1
12	VF-2445	WASHER	1
13	VF-2444	SEAL, PILOT	1
14	VF-2436	SHELL ASSEMBLY	1
15	VG-5166	TUBE ASSEMBLY - FILTER TO STRAINER	1
	VG-5170	TUBE ASSEMBLY - FILTER TO STRAINER *	1
16	H-8549	ELBOW - 1/4"NPT x 3/8" - TUBE	2
17	VG-6160	ADAPTOR - 7/8" - 14NF x 1/4"NPT	2
18	TF-5195	"O" RING	2
19	VG-5162	PLATE, MOUNT	1
20	C-1603	SCREW, CAP - 3/8" - 16NC x 1 1/4"	3
21	C-312	WASHER, LOCK - 3/8"	3
22	VG-5164	TUBE ASSEMBLY - FILTER TO TUBE UNION	1
NOT SHOWN			
	VG-5156	TUBE ASSEMBLY - TUBE UNION TO FUEL TANK	1
	SG-5696	CLAMP, JIFFY	2
	C-5746	SCREW, CAP - 1/4" - 20NC x 3/4"	2
	C-5774	WASHER, LOCK - 1/4"	2
	TD-2186	GROMMET	2
* USED WITH EXHAUST GAS CONDITIONER ONLY.			
(OPTIONAL)			

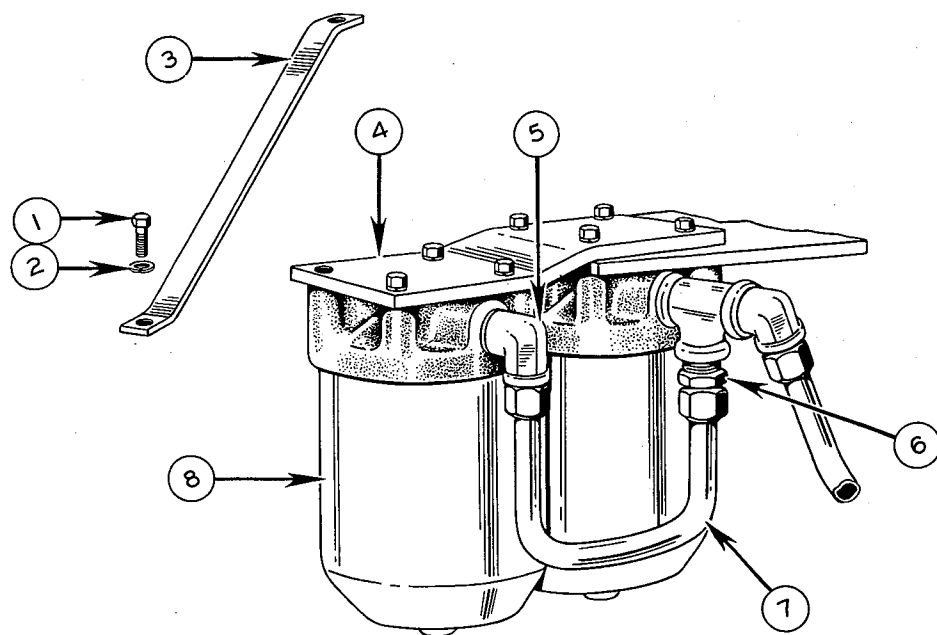


FIGURE 830 A
DOUBLE FUEL FILTER

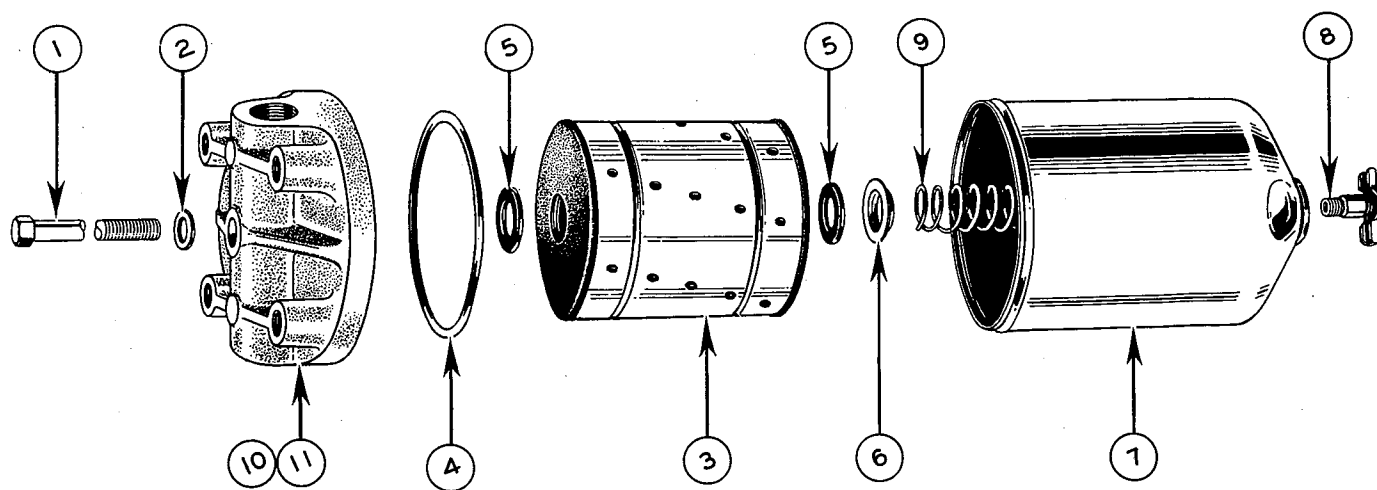


FIGURE 830 B
FUEL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 830A

DOUBLE FUEL FILTER GROUP TC-3849

Ref. No.	Part No.	Description	Qty.
1	C-1603	CAPSCREW	4
2	C-312	LOCKWASHER	4
3	TC-4372	STABILIZER BRACE	1
4	TC-1448	MOUNT PLATE	1
5	CC-6128	ELBOW	2
6	HC-2487	CONNECTOR	2
7	TC-4379	TUBE ASSEMBLY	2
8	SP-9331	FUEL FILTER - SEE INDEX	1
(USED WITH CUMMINS ENGINES)			

FIGURE 830B

FUEL FILTER SP-9331

1	SR-1592	BOLT	1
2	SR-1593	DYNA-SEAL	1
3	SR-1557	ELEMENT & GASKET ASSEMBLY	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)			

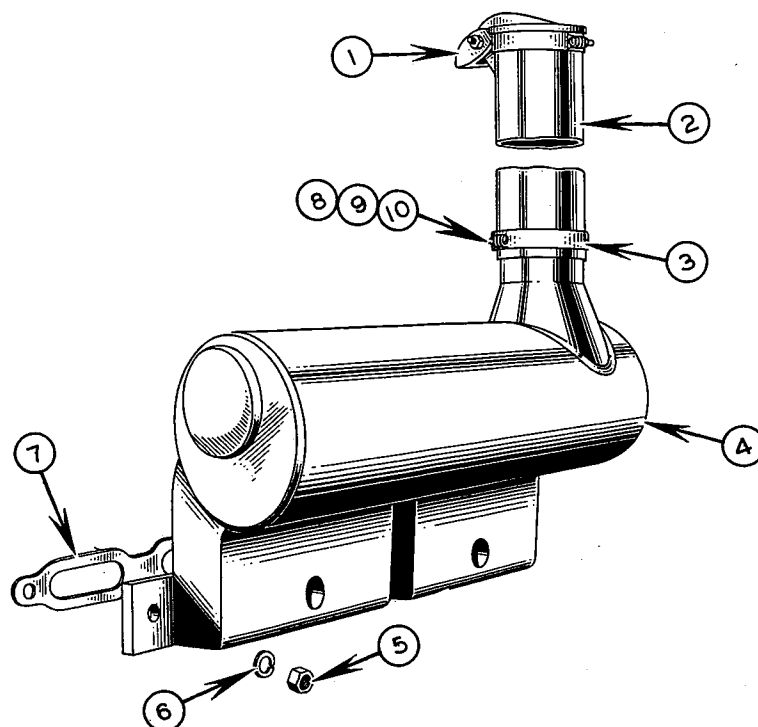


FIG. 389 A
EXHAUST MUFFLER

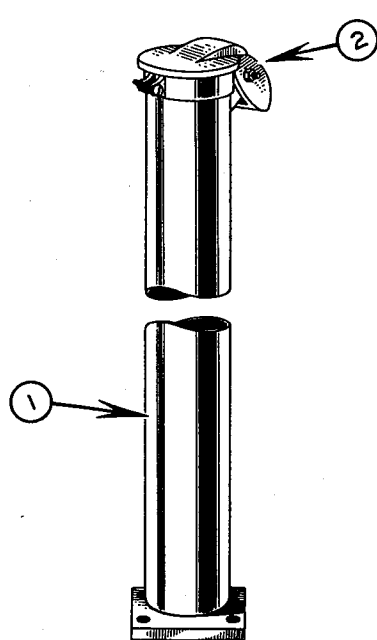


FIG. 389 B
EXHAUST

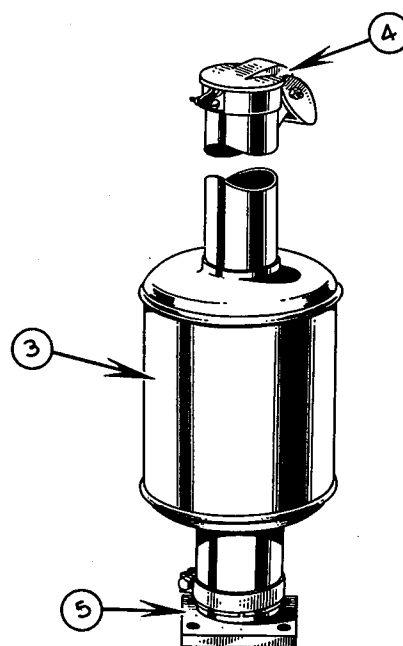


FIG. 389 C
EXHAUST MUFFLER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 389A

EXHAUST - MUFFLER

Ref. No.	Part No.	Description	Qty.
1	HD-8393	RAINCAP	1
2	DH-4082	EXHAUST PIPE (Effective thru Serial Suffix DP-R, DPS, DPF2)	1
	TD-9692	EXHAUST PIPE (Effective with Serial Suffix DPF2A, DPA2 & Up)	1
3	SC-4294	CLAMP	1
4	SL-9475	MUFFLER	1
5	DH-4775	NUT	4
6	DH-4774	WASHER	5
7	DH-4265	GASKET	2
8	C-1605	CAPSCREW	
9	C-312	LOCKWASHER - 3/8"	1
10	DC-4891	NUT - 3/8" NC - BRASS	1
STANDARD USED WITH GM ENGINES (EFFECTIVE WITH SERIAL SUFFIX DP-A THRU DP-R, DPS, DPF2 & DPA2)			

FIGURE 389B

EXHAUST

1	SG-7192	EXHAUST PIPE	1
2	SL-4401	RAINCAP (Optional)	1
STANDARD USED WITH GM ENGINES (EFFECTIVE WITH SERIAL SUFFIX DP ONLY)			

FIGURE 389C

EXHAUST - MUFFLER

3	SH-9917	MUFFLER	1
4	SL-4403	RAINCAP	1
5	SH-9916	FLANGE	1
OPTIONAL USED WITH GM ENGINES (EFFECTIVE WITH SERIAL SUFFIX DP ONLY)			

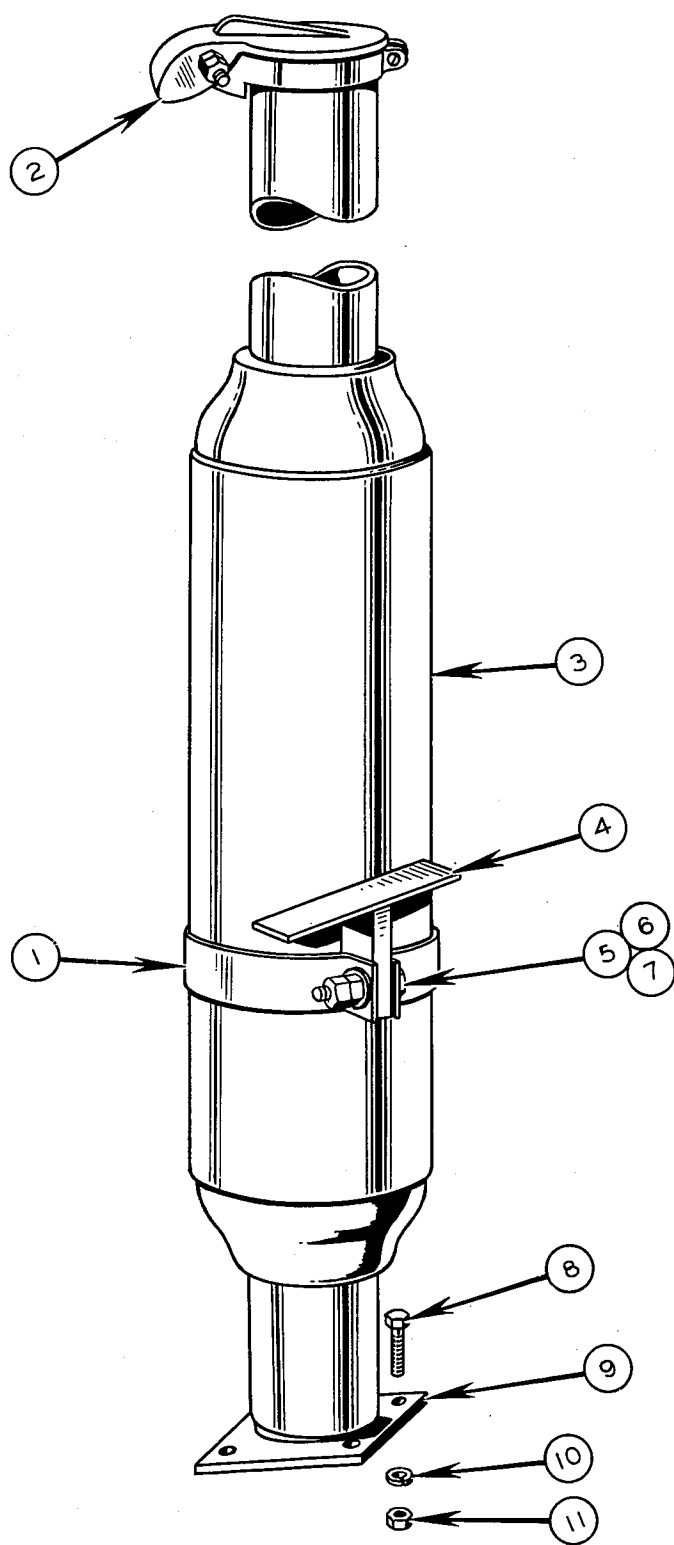


FIG. 850A

EXHAUST-MUFFLER

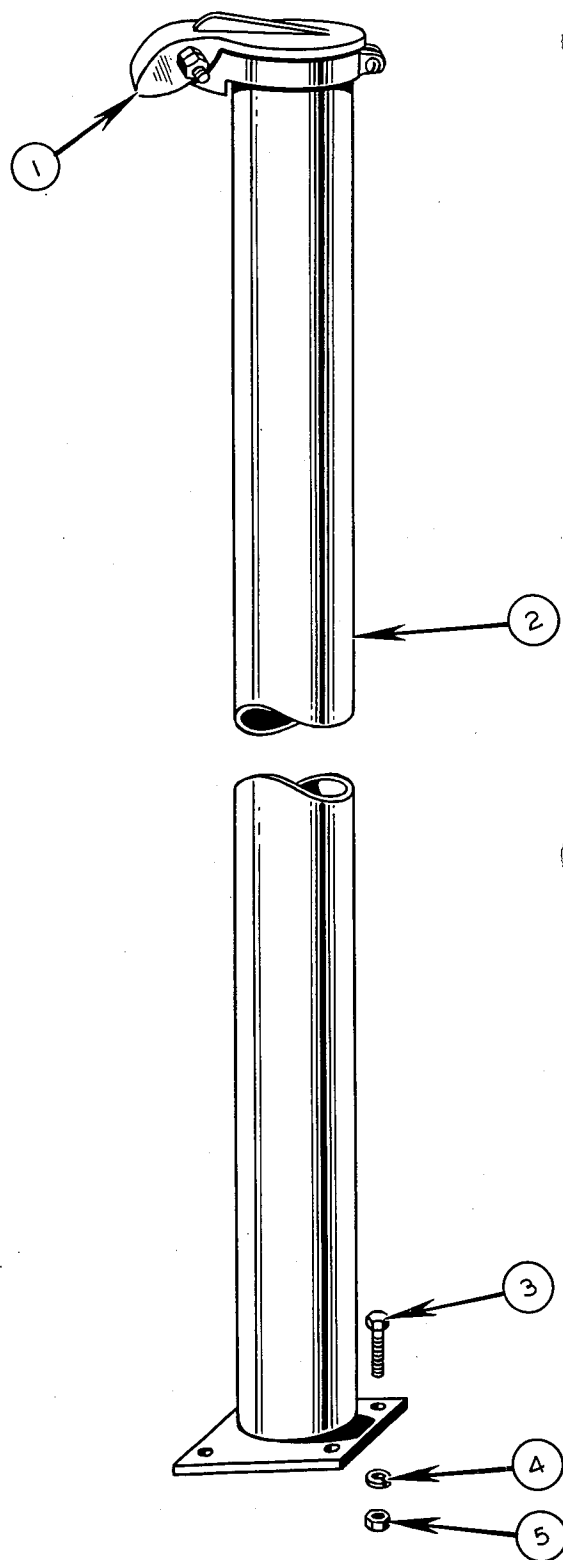


FIG. 850B

EXHAUST

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 850A

EXHAUST - MUFFLER GROUP TC-3844

Ref. No.	Part No.	Description	Qty.
1	TC-3841	MUFFLER CLAMP	2
2	TC-2937	RAIN CAP	1
3	TC-3840	MUFFLER	1
4	TC-3845	SUPPORT	2
5	SR-3525	CAPSCREW - SPECIAL	2
6	C-1549	WASHER - 1/2" FLAT	4
7	C-1523	NUT - 1/2" NC	4
8	C-1617	CAPSCREW - 1/2" NC x 2 1/4"	4
9	TC-3843	EXHAUST PIPE	1
10	C-1540	LOCKWASHER - 1/2"	4
11	H-6935	NUT - 1/2" NC BRASS	4
(USED WITH CUMMINS ENGINE)			
(OPTIONAL)			

FIGURE 850B

EXHAUST - STANDARD

1	TC-2937	RAIN CAP	1
2	TC-2936	EXHAUST PIPE	1
3	C-1617	CAPSCREW - 1/2" NC x 2 1/4"	4
4	C-1540	LOCKWASHER - 1/2"	4
5	H-6935	NUT - 1/2" NC BRASS	4
(USED WITH CUMMINS ENGINE)			

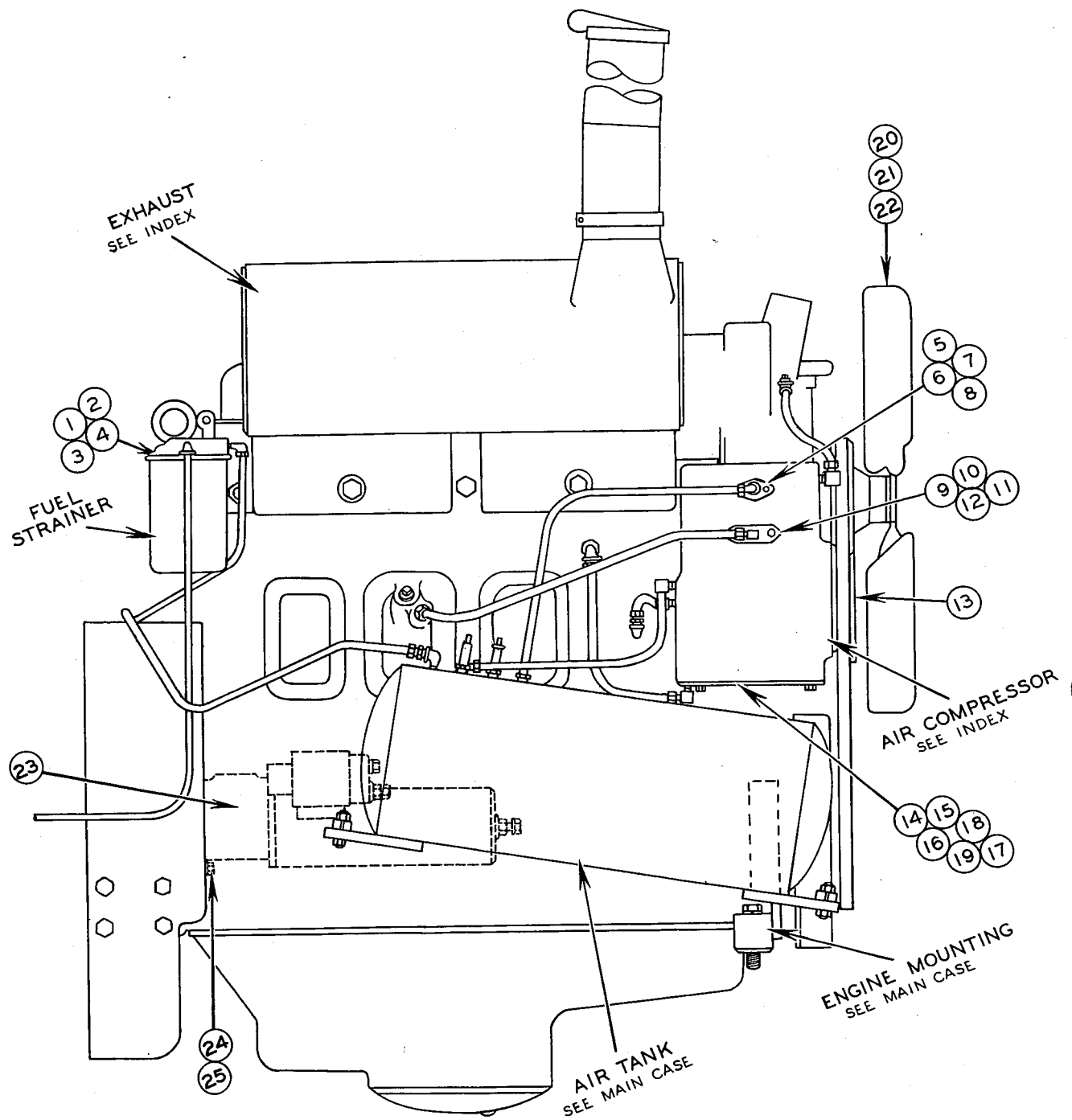


FIG. 2174

(GM)

ENGINE MISCELLANEOUS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2174

ENGINE MISCELLANEOUS - GM

Ref. No.	Part No.	Description	Qty.
1	SG-3212	BRACKET, FUEL FILTER	1
2	C-1602	CAPSCREW - 3/8" - 16NC x 1"	2
3	C-312	LOCKWASHER - 3/8"	4
4	C-1521	NUT - 3/8" - 16NC	2
5	SF-4802	FLANGE	1
6	SF-4803	GASKET	1
7	C-1598	CAPSCREW - 5/16" - 18NC x 1"	2
8	C-1538	LOCKWASHER - 5/16"	2
9	DF-8512	FLANGE (Used with SG-846 Air Compressor)	1
	SR-8368	FLANGE (Used with SR-8372 & VD-2735 Air Compressors)	1
10	HD-5899	GASKET (Used with SG-846 Air Compressor)	1
11	S-5716	CAPSCREW - 1/4" - 20NC x 7/8" (Used with SG-846 Air Compressor)	2
	E-4538	CAPSCREW - 5/16" - 18NC x 7/8" (Used with SR-8372 & VD-2735 Air Comp.)	2
12	SF-4553	LOCKWASHER - 1/4"	2
	C-1538	LOCKWASHER - 5/16"	2
13	SL-3186	PULLEY, COMPRESSOR	1
14	SL-5386	BRACKET, COMPRESSOR	1
15	DC-7524	CAPSCREW - 3/8" - 16NC x 7/8"	4
16	C-312	LOCKWASHER - 3/8"	4
17	C-1676	CAPSCREW - 7/16" - 20NF x 1 1/2"	4
18	C-5775	LOCKWASHER - 7/16"	4
19	HD-6365	NUT - 7/16" - 20NF BRASS	4
20	TH-6480	FAN, SUCKER - 22"	1
21	E-4538	CAPSCREW - 5/16" - 18NC x 7/8" } (Eff. with Serial Suffix DPF2-B, DPA2 ..	4
22	C-1538	LOCKWASHER - 5/16" } & Up)	4
23	TR-2122	MOTOR, CRANKING	1
24	C-1629	CAPSCREW - 5/8" - 11NC x 1 3/4"	3
25	C-1541	LOCKWASHER - 5/8"	3
NOT SHOWN			
	DL-6888	ADAPTOR, TACHOMETER } (Eff. with Serial Suffix DPA2-D & DPF2-D)	1
	SV-1468	CABLE, TACHOMETER }	1

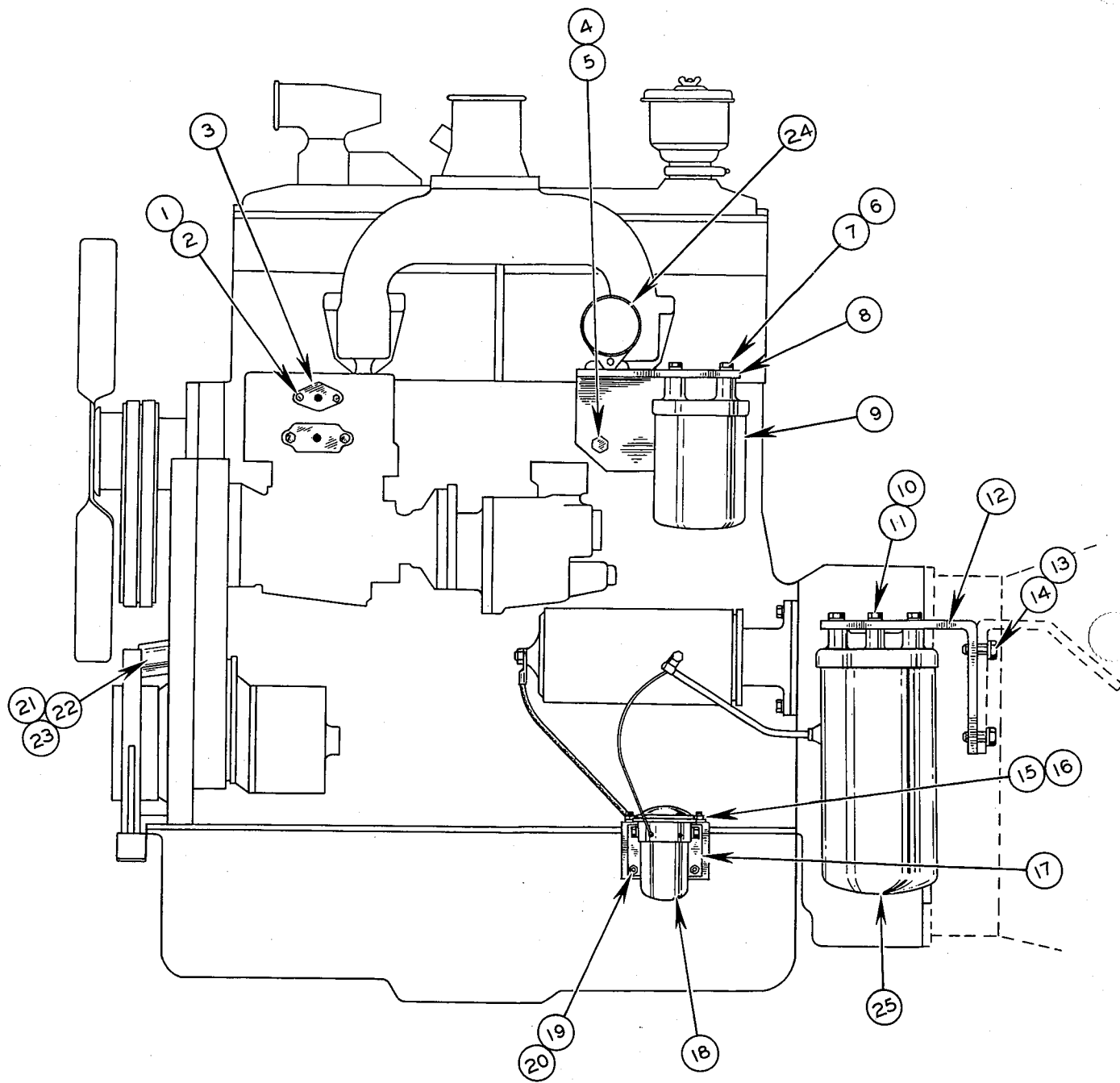


FIG. 881

(CUMMINS)
ENGINE MISCELLANEOUS

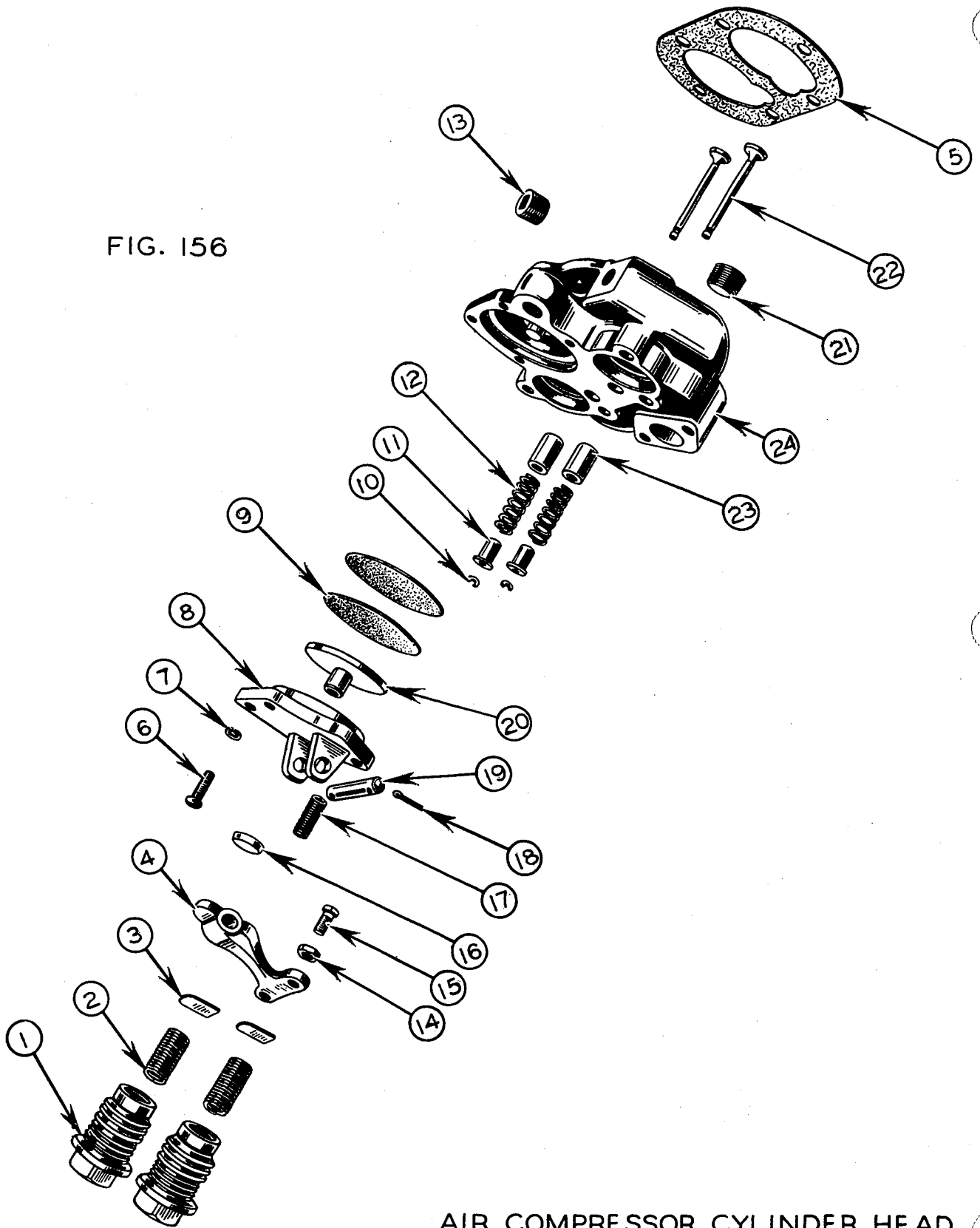
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 881

ENGINE MISCELLANEOUS - CUMMINS

Ref. No.	Part No.	Description	Qty.
1	C-1598	CAPSCREW - 5/16" NC x 1"	2
2	C-1538	LOCKWASHER - 5/16"	2
3	SF-4802	FLANGE	1
4	TC-4373	CAPSCREW - 9/16" NF x 2 1/4"	2
5	R-8148	LOCKWASHER - 9/16"	2
6	C-1602	CAPSCREW - 3/8" NC x 1"	4
7	C-312	LOCKWASHER - 3/8"	4
8	TC-4370	MOUNT PLATE	1
9	SP-9331	FUEL FILTER - SEE INDEX	1
10	H-594	CAPSCREW - 7/16" NC x 1 1/4"	4
11	C-5775	LOCKWASHER - 7/16"	4
12	TC-3817	MOUNT BRACKET	1
13	C-1613	CAPSCREW - 1/2" NC x 1 1/4"	4
14	C-1540	LOCKWASHER - 1/2"	4
15	DF-4179	CAPSCREW - 7/16" NF x 2"	2
16	C-5775	LOCKWASHER - 7/16"	2
17	TC-4366	SOLENOID MOUNT BRACKET	1
18	TC-3848	MAGNETIC SWITCH	1
19	H-8136	CAPSCREW - 1/4" NC x 1/2"	4
20	C-5774	LOCKWASHER - 1/4"	4
21	TD-4781	INLET FLANGE	1
22	H-5827	CAPSCREW - 7/16" NF x 1"	2
23	C-5775	LOCKWASHER - 7/16"	2
24	SL-7833	HOOR METER - SEE INDEX	1
25	SD-128	ELEMENT	1
	H-8095	BAG	1
	SF-9685	GASKET	1
		NOT SHOWN	
	TC-4368	TUBE MOUNT BRACKET	1
	SP-2837	CLAMP	2
	C-5780	NUT - 1/4" NC	4
		NOTE: SEE INDEX FOR AIR TANK, EXHAUST - MUFFLER, FILTER, HOOR METER, WIRING, PIPING & THROTTLE CONTROLS.	

FIG. 156



AIR COMPRESSOR CYLINDER HEAD

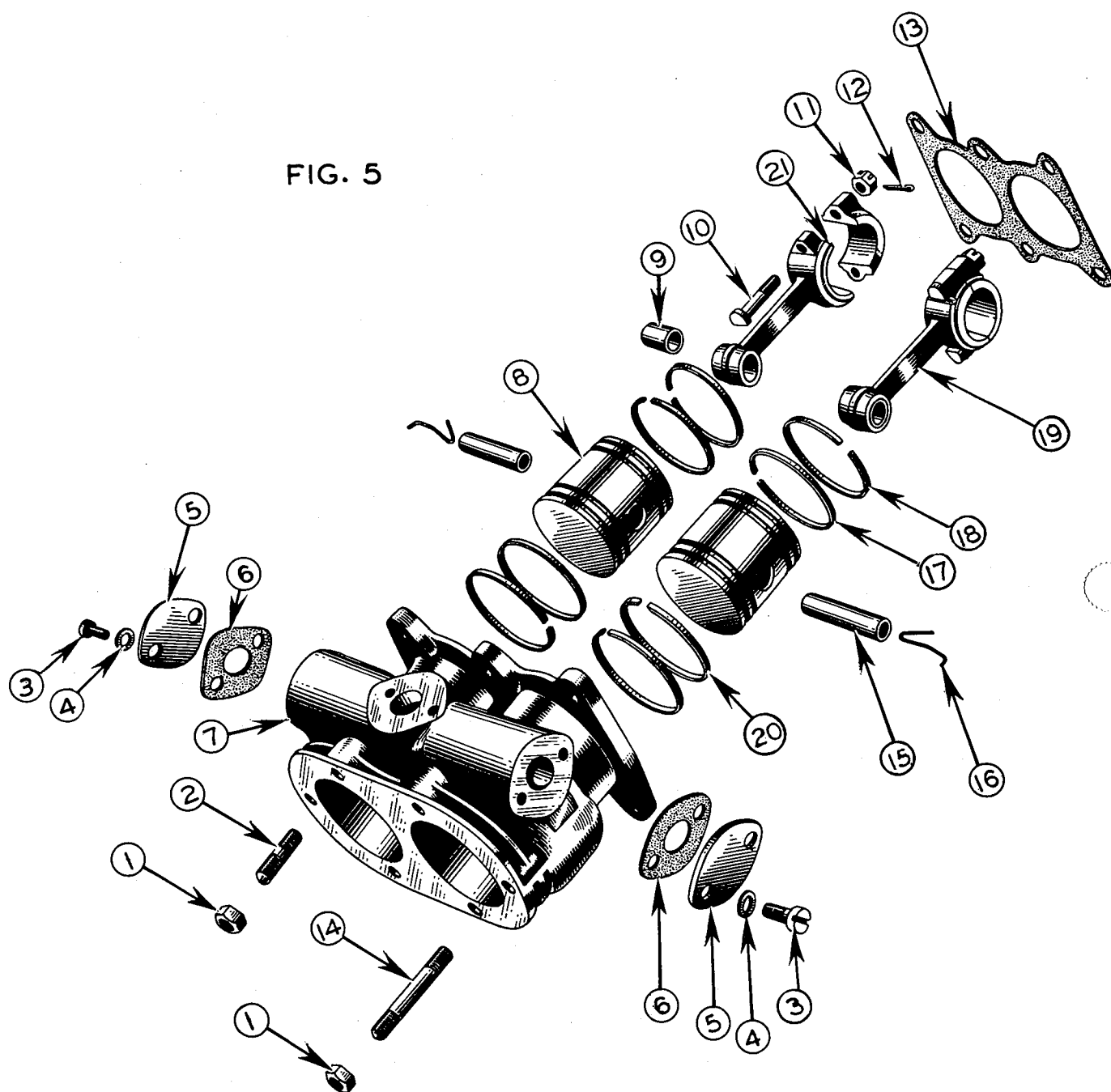
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 156

AIR COMPRESSOR CYLINDER HEAD

Ref. No.	Part No.	Description	Qty.
1	SG-6550	VALVE CAP NUT	2
2	SG-1271	DISCHARGE VALVE SPRING	2
3	SF-7251	DISCHARGE VALVE	2
4	SG-1196	LEVER	1
5	SF-7258	CYLINDER HEAD GASKET	1
6	SG-1194	SCREW	5
7	C-5774	LOCKWASHER - 1/4"	5
8	SG-1195	DIAPHRAGM BOX COVER	1
9	SF-7267	DIAPHRAGM	2
10	SG-1288	SPRING RETAINING RING	2
11	SG-1287	UNLOADER VALVE STOP	2
12	SF-7254	UNLOADER VALVE SPRING	2
13	SG-6560	PIPE PLUG - 1/4"	1
14	C-5780	NUT - 1/4" NC	2
15	SF-7256	ADJUSTING SCREW	2
16	SF-7269	DIAPHRAGM DUST GUARD	1
17	SF-7270	UNLOADER LEVER SPRING	1
18	SG-1177	COTTER PIN	2
19	SF-7257	LEVER PIN	1
20	SF-7268	DIAPHRAGM FOLLOWER	1
21	SH-1272	PIPE PLUG - 3/8"	1
22	SG-6562	UNLOADER VALVE	2
23	SG-6561	UNLOADER VALVE BUSHING	2
24	SH-5970	CYLINDER HEAD BODY	1
		NOT SHOWN	
	SF-4803	DISCHARGE FITTING GASKET	1
		NOTES: SG-846 (B.W. #221861) AIR COMPRESSOR COMPLETE INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE. SG-6572 CYLINDER HEAD BODY ASSEMBLY INCLUDES REF. NOS. 13, 21, 23 & 24.	

FIG. 5



CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 5

AIR COMPRESSOR CYLINDER BLOCK

Ref. No.	Part No.	Description	Qty.
1	C-9656	NUT	6
2	SG-5594	STUD	6
3	SG-1179	CAPSCREW	4
4	C-5774	LOCKWASHER	4
5	SG-1182	COVER	2
6	SF-7259	GASKET	2
7	SG-5597	CYLINDER BLOCK BODY	1
8	SG-6553	PISTON	2
9	SG-5593	WRIST PIN BUSHING	2
10	SG-1192	BOLT	4
11	SG-1191	NUT	4
12	SG-1177	COTTER PIN	4
13	SF-7260	CYLINDER BLOCK GASKET	1
14	SG-1173	STUD	4
15	SF-5798	WRIST PIN	2
16	SF-5799	LOCKWIRE	2
17	SG-6570	COMPRESSION RING	4
18	SG-6569	OIL RING	2
	SG-6564	EXPANDER RING	2
	SG-6566	SEGMENT RING	2
19	SG-6555	CONNECTING ROD & CAP ASSEMBLY	2
20	SG-6568	SCRAPER RING	2
	SG-6567	SEGMENT RING	2
	SG-6565	EXPANDER RING	2
21	SG-6563	BEARING INSERT	4
NOT SHOWN			
	H-2943	WELCH PLUG	1
	SG-6556	PIPE PLUG - 1/8"	1
	SG-1286	SETSCREW	1
	SG-1267	OIL SEAL GASKET	1
NOTES: SG-846 (B.W. #221861) AIR COMPRESSOR COMPLETE INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE. SG-6554 PISTON RING SET INCLUDES ITEMS UNDER REF. NOS. 17, 18 & 20. SG-6553 PISTON & WRIST PIN SET INCLUDES REF. NOS. 8 & 15.			

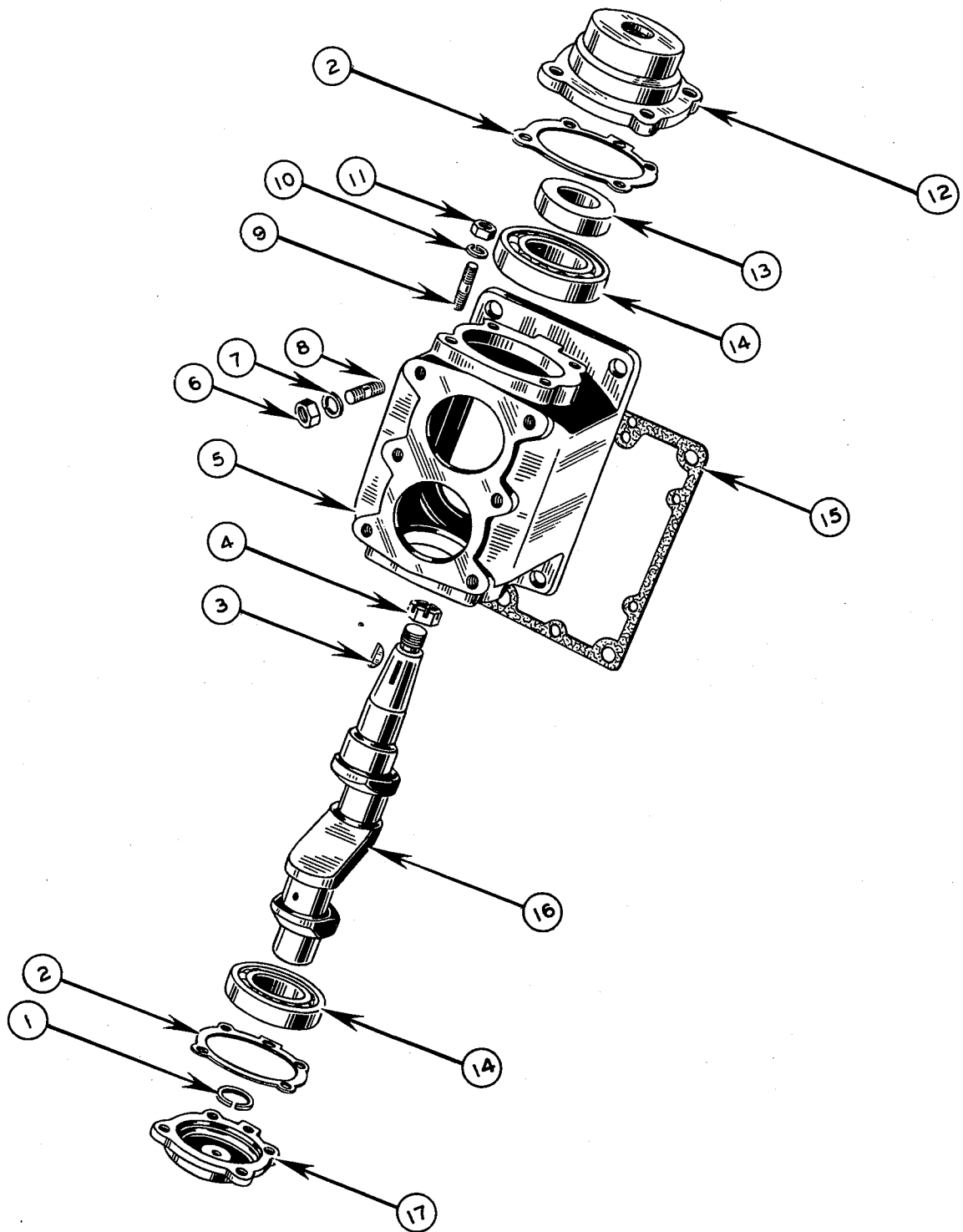


FIGURE 6
AIR COMPRESSOR CRANKCASE

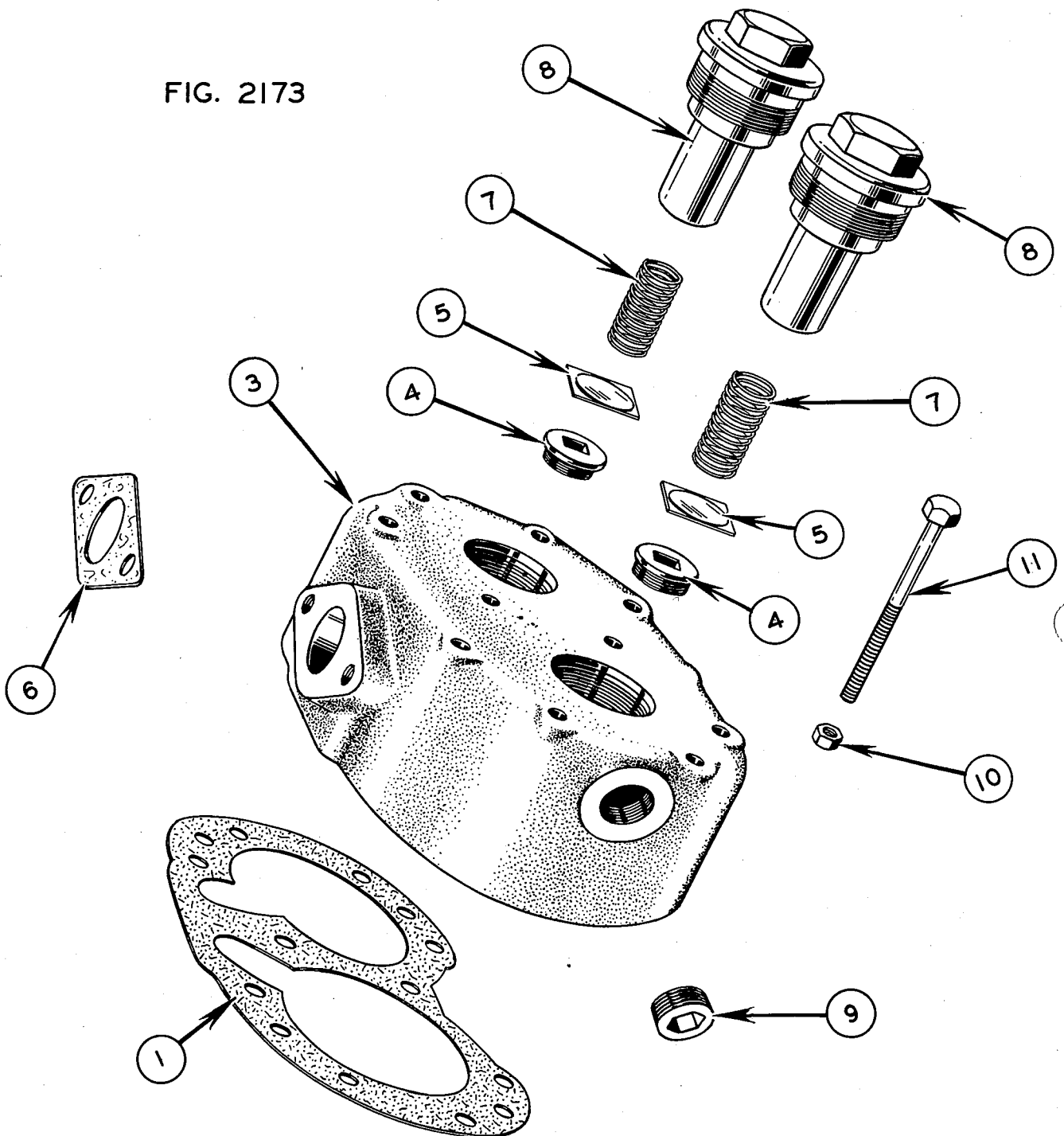
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 6

AIR COMPRESSOR CRANKCASE

Ref. No.	Part No.	Description	Qty.
1	SG-1251	OIL SEAL RING	1
2	SG-5596	END COVER GASKET	2
3	SG-1273	KEY	1
4	SG-1263	NUT - 3/4" SLOTTED	1
5	SG-5595	CRANKCASE BODY	1
6	SG-1183	NUT	6
7	SG-6575	LOCKWASHER - 3/8"	6
8	SG-1257	STUD	6
9	SG-5594	STUD	8
10	SG-1184	LOCKWASHER	8
11	C-9656	NUT	8
12	SG-6558	END COVER	1
13	SG-6552	OIL SEAL	1
14	R-6520	BALL BEARING	2
15	SG-1274	FLANGE GASKET	1
16	SG-6557	CRANKSHAFT	1
17	SG-6559	END COVER	1
NOTE: SG-846 (B.W. #221861) AIR COMPRESSOR COMPLETE INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE.			

FIG. 2173



AIR COMPRESSOR CYLINDER HEAD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

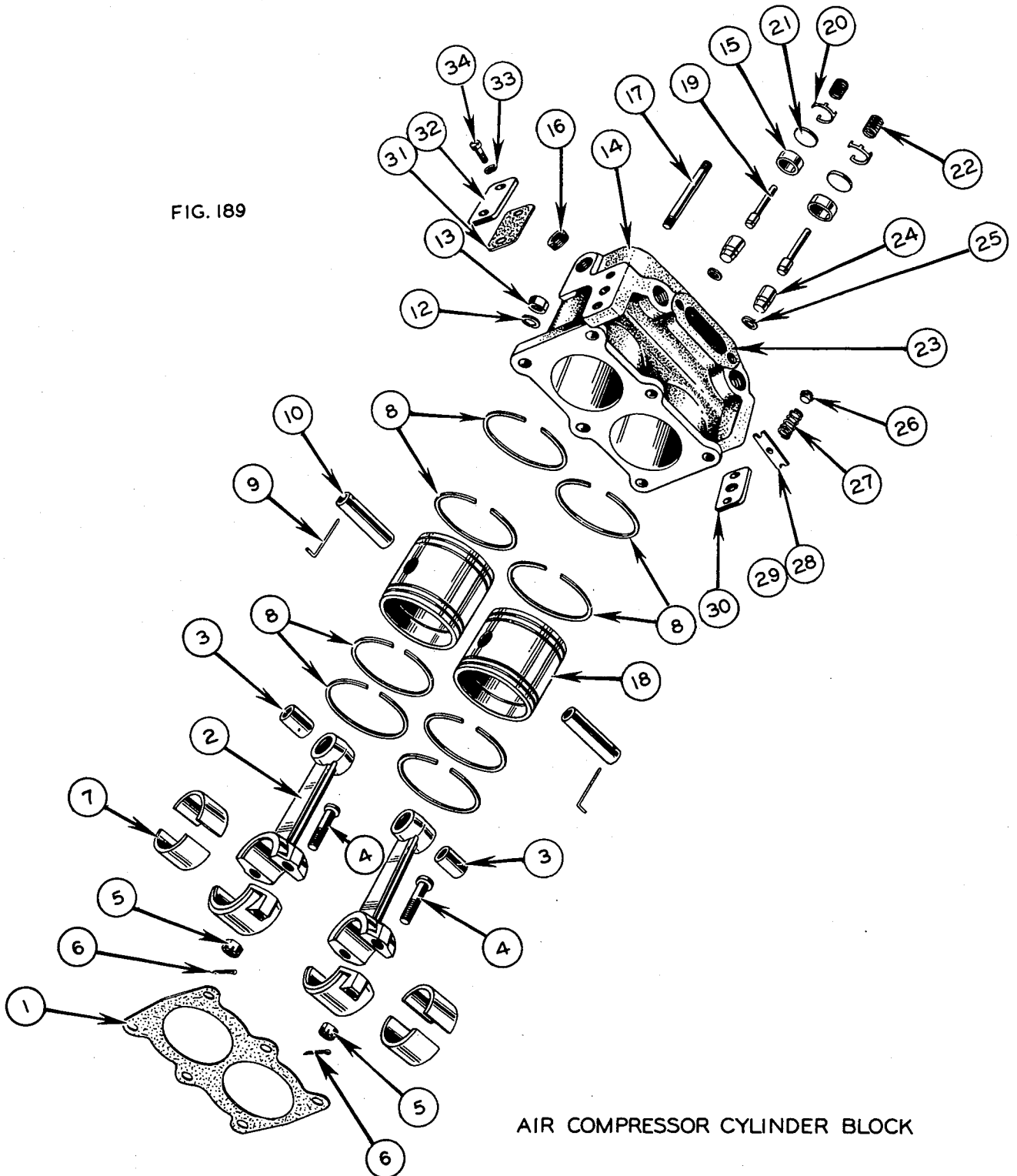
FIGURE 2173

AIR COMPRESSOR CYLINDER HEAD

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SL-3048	GASKET	1
2	SL-3054	HEAD, CYLINDER	1
3	SL-3056	STOP	2
4	SL-3053	SEAT, DISCHARGE VALVE	2
5	SF-7251	VALVE, DISCHARGE	2
6	SF-4803	GASKET	1
7	SG-1271	SPRING, VALVE	2
8	SG-6550	CAP NUT	2
9	SH-1272	PLUG, PIPE - 3/8"NPT	2
10	C-9656	NUT - 5/16" - 18NC *	8
11	SV-6831	CAPSCREW - 5/16" - 18NC **	8
NOTES: SP-9025 CYLINDER HEAD COMPLETE INCLUDES SP-9029 CYLINDER HEAD BODY PLUS REF. NOS. 2,3,4,5,7, 8 & 9. SP-9029 CYLINDER HEAD BODY INCLUDES REF.NOS.2,3, & 4. * INCLUDED IN SR-8372 (B.W. #227563) AIR COMPRESSOR ASSEMBLY. ** INCLUDED IN VD-2735 (B.W. #277252) & VH-5458 (B.W.#279310) AIR COMPRESSOR ASSEMBLIES.			

FIG. 189



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 189

AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SF-7260	GASKET	1
2	SG-6555	ROD, CONNECTING *	2
	TL-925	ROD, CONNECTING **/#	2
3	SG-5593	BUSHING	2
4	SG-1192	BOLT *	4
	TF-9887	BOLT **/#	4
5	SG-1191	NUT	4
6	SG-1177	PIN, COTTER *	4
7	SG-6563	INSERT *	4
	TL-926	INSERT **/#	4
8	SP-9036	RING, PISTON */#	8
	SV-6832	RING SET, PISTON **	1
9	SL-3044	LOCKWIRE	2
10		PIN, WRIST (Furnished with Piston only)	2
12	SG-6575	LOCKWASHER *	6
	SV-6828	LOCKWASHER **/#	6
13	SG-1183	NUT *	6
14		BLOCK, CYLINDER (Not Serviced)	1
15	SP-9048	SEAT, VALVE	2
16	SH-1272	PLUG, PIPE - 3/8"NPT	3
17	SP-9033	STUD *	8
18	SL-3046	PISTON & PIN ASSEMBLY */#	2
	TL-927	PISTON & PIN ASSEMBLY **	2
19		PLUNGER, UNLOADER π	2
20	SL-3038	GUIDE, INLET VALVE *	2
	TC-7817	GUIDE, INLET VALVE **/#	2
21	SL-3039	VALVE, INLET	2
22	SL-3040	SPRING, INLET VALVE	2
23	SL-3045	GASKET	1
24		PISTON ASSEMBLY, UNLOADER π	2
		RING, BACK-UPπ	2
		GROMMET π	2
25		SEAT, UNLOADER SPRING π	1
26		SPRING, UNLOADER π	1
27		SADDLE, UNLOADER SPRING π	1
28		SEAT, SPRING π	1
29		COVER, TAPPED *	1
30	SP-8087	GASKET *	2
31	SP-8085	COVER *	1
32	SV-1317	LOCKWASHER - 5/16" *	4
33	SV-1319	SCREW, MACHINE *	4
34	SP-8086	CAPSCREW - 3/8" - 16NC **/#	6
35	SV-6827		
		NOT SHOWN	
	SG-6560	PLUG, PIPE - 1/4"NPT	1
NOTES: * INCLUDED IN SR-8372 (B.W.#227563) AIR COMPRESSOR ASSEMBLY. ** INCLUDED IN VD-2735(B.W.#277252) AIR COMPRESSOR ASSEMBLY. # INCLUDED IN VH-5458(B.W.#279310)AIR COMPRESSOR. π INCLUDED IN SV-4389 KIT.ITEMS NOT SERVICED SEPARATELY. SV-6829* & VD-7027** CYLINDER BLOCK COMPLETE INCLUDES REF. NOS. 14 & 15. SF-5795* & VD-7034** CONNECTING ROD COMPLETE INCLUDES REF. NOS. 2 THRU 5,7.			

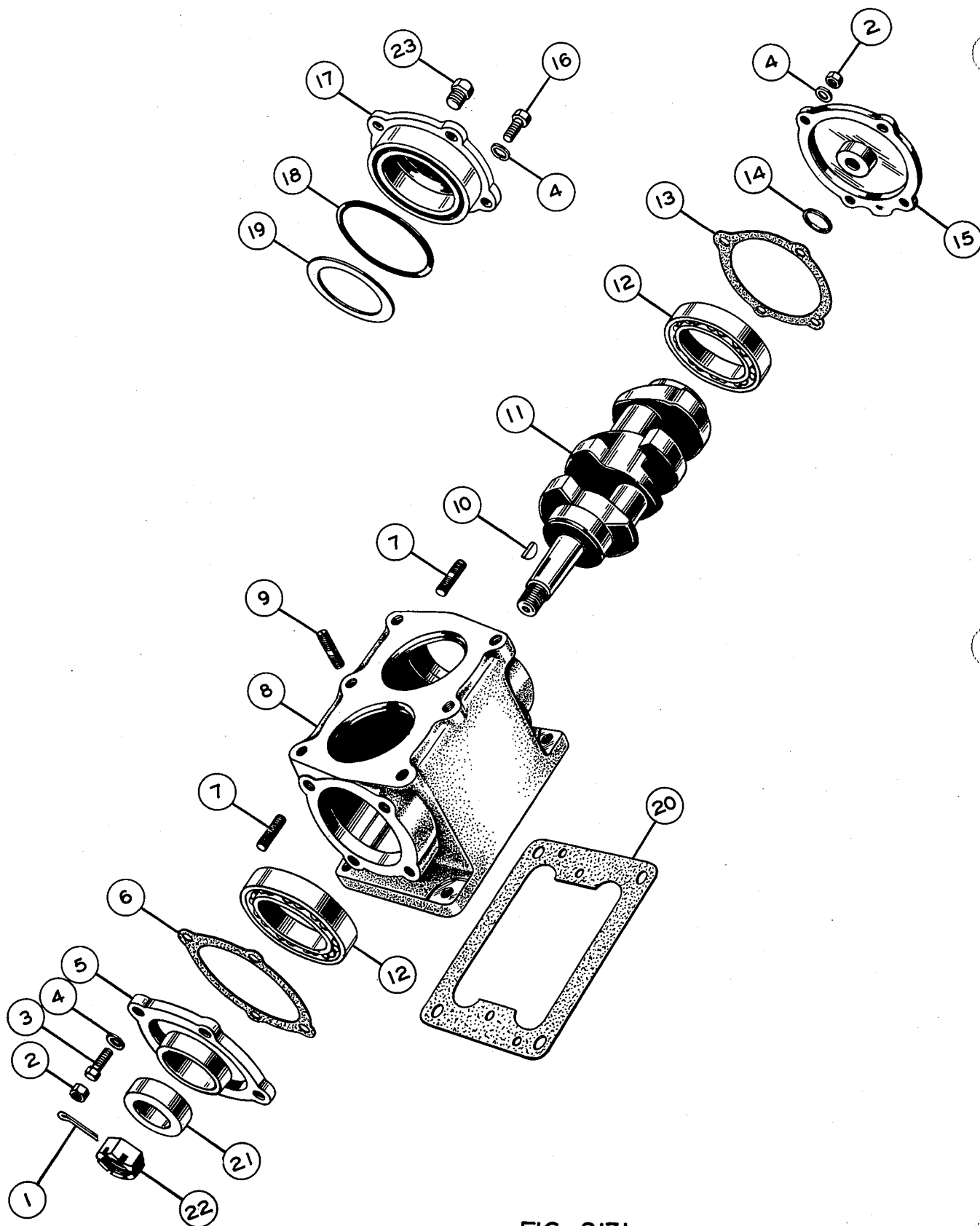


FIG. 2171

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2171

AIR COMPRESSOR CRANKCASE

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	R-194	PIN, COTTER - 5/16" x 1 1/2" *	1
2	C-9656	NUT - 5/16" - 18NC *	8
3	SV-4719	CAPSCREW - 5/16" - 18NC **	4
4	SG-1184	LOCKWASHER - 5/16" *	8
	SV-1319	LOCKWASHER - 5/16" **	8
5	SG-6558	COVER, FRONT	1
6	SG-5596	GASKET *	1
	VD-7033	GASKET **	1
7	SG-5594	STUD - 5/16" - 18NC x 1 1/4" *	8
8	SR-8576	CRANKCASE	1
9	SG-1257	STUD - 3/8" - 16NC x 1 3/8" *	6
10	SG-1273	KEY	1
11	SG-6557	CRANKSHAFT *	1
	VD-7028	CRANKSHAFT **	1
12	SL-3034	BEARING *(**Qty.1).....	2
13	SG-5596	GASKET *	1
14	SG-1251	RING, OIL SEAL *	1
15	SP-9030	COVER, REAR *	1
16	VD-7032	CAPSCREW - 5/16" - 18NC **	4
17	VD-7031	COVER, REAR **	1
18	VD-7030	"O" RING **	1
19	VD-7029	WASHER, THRUST **	1
20	SG-1274	GASKET	1
21	SG-6552	SEAL, OIL	1
22	SG-1263	NUT, LOCK *	1
	SG-1187	NUT, LOCK **	1
23	VD-7035	PLUG **	1
NOTE: * INCLUDED IN SR-8372(B.W.#227563) AIR COMPRESSOR ASSEMBLY. ** INCLUDED IN VD-2735 (B.W.#277252) & VH-5458 (B.W.#279310) AIR COMPRESSOR ASSEMBLIES.			

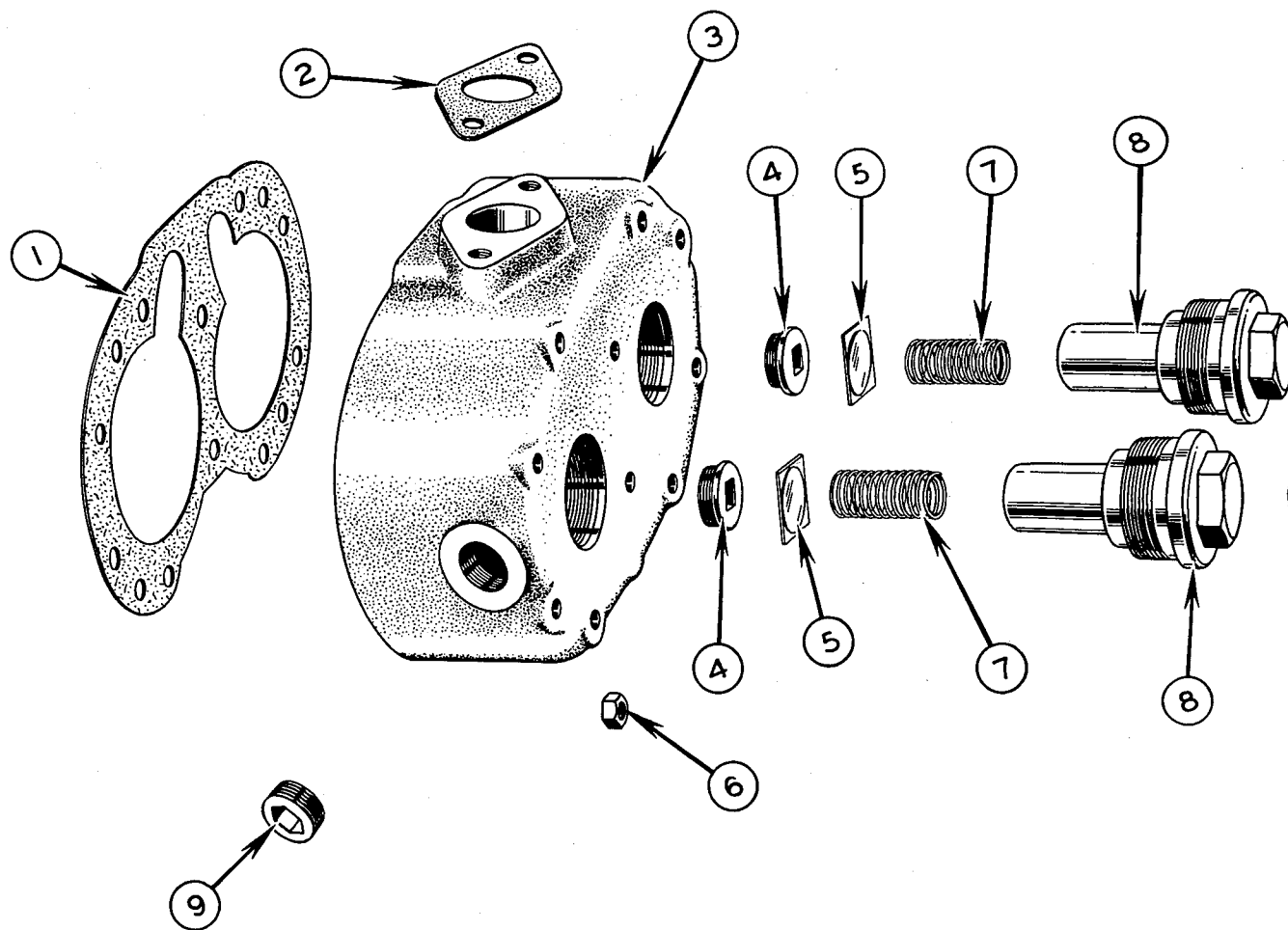


FIG. 875

AIR COMPRESSOR CYLINDER HEAD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

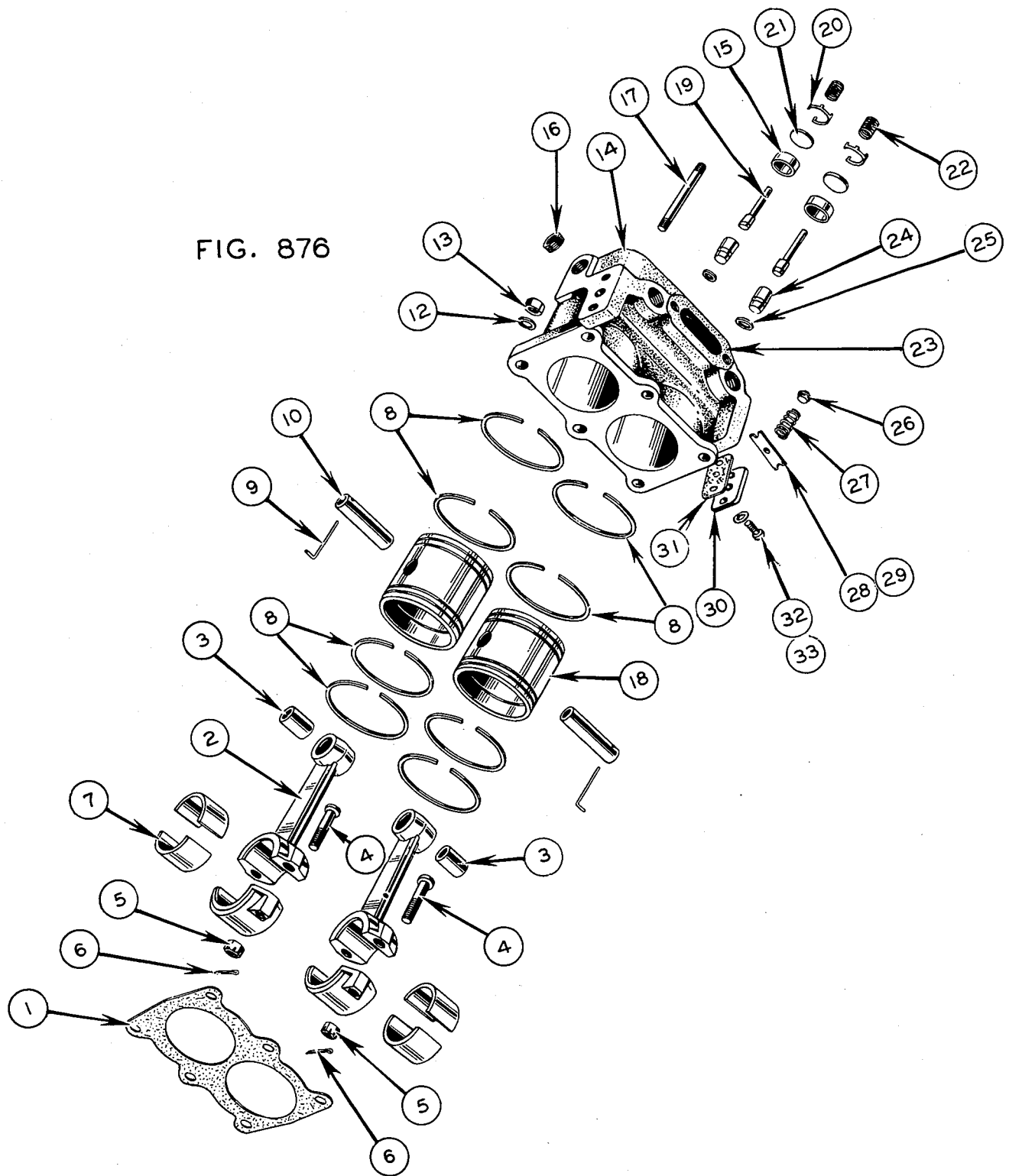
FIGURE 875

AIR COMPRESSOR CYLINDER HEAD

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SL-3048	GASKET	1
2	SF-4803	GASKET	1
3		CYLINDER HEAD (Not Serviced Separately)	1
4	SL-3053	DISCHARGE VALVE SEAT	2
5	SF-7251	DISCHARGE VALVE	2
6	C-9656	NUT - 5/16" NC	8
7	SG-1271	VALVE SPRING	2
8	SG-6550	CAP NUT	2
9	SH-1272	PIPE PLUG - 3/8"	2
NOTES: SP-9025 CYLINDER HEAD COMPLETE INCLUDES SP-9029 CYLINDER HEAD BODY PLUS REF. NOS. 3, 4, 5, 7, 8 & 9. SP-9029 CYLINDER HEAD BODY INCLUDES REF. NOS. 3 & 4. TC-7849 (B.W. #226532) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE GROUPS.			

FIG. 876



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 876

AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SF-7260	GASKET	1
2	SG-6555	CONNECTING ROD	2
3	SG-5593	BUSHING	2
4	SG-1192	BOOT	4
5	SG-1191	NUT	4
6	SG-1177	COTTER PIN	4
7	SG-6563	INSERT	2
8	SP-9036	PISTON RING	8
9	SL-3044	LOCKWIRE	2
10	SL-3047	WRIST PIN	2
12	SG-6575	LOCKWASHER	6
13	SG-1183	NUT	6
14		CYLINDER BLOCK (Not Serviced)	1
15	SP-9048	VALVE SEAT	2
16	SH-1272	PIPE PLUG - 3/8"	3
17	SP-9033	STUD	8
18	SL-3046	PISTON	2
19	SV-4392	UNLOADER PLUNGER	2
20	SL-3038	INLET VALVE GUIDE	2
21	SL-3039	INLET VALVE	2
22	SL-3040	INLET VALVE SPRING	2
23	SL-3045	GASKET	1
24	SR-7004	UNLOADER PISTON ASSEMBLY	2
	SR-7006	BACK-UP RING	2
25	SR-7005	GROMMET	2
26	SP-9040	UNLOADER SPRING SEAT	1
27	SL-3037	UNLOADER SPRING	1
28	SV-4391	UNLOADER SPRING SADDLE	1
29	SV-4393	SPRING SEAT	1
30	SP-8087	COVER - TAPPED	1
31	SP-8085	GASKET	1
32	SV-1319	LOCKWASHER - 5/16"	2
33	SP-8086	MACHINE SCREW	2
		NOT SHOWN	
	SG-6560	PIPE PLUG - 1/4"	1
		NOTES: TC-5948 CYLINDER BLOCK COMPLETE INCLUDES REF. NOS. 14 THRU 17.	
		SF-5795 CONNECTING ROD COMPLETE INCLUDES REF. NOS. 2 THRU 5 & 7.	
		SP-9020 UNLOADER SPRING SADDLE COMPLETE INCLUDES REF. NOS. 28 & 29.	
		TC-7849 (B.W. #226532) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE.	

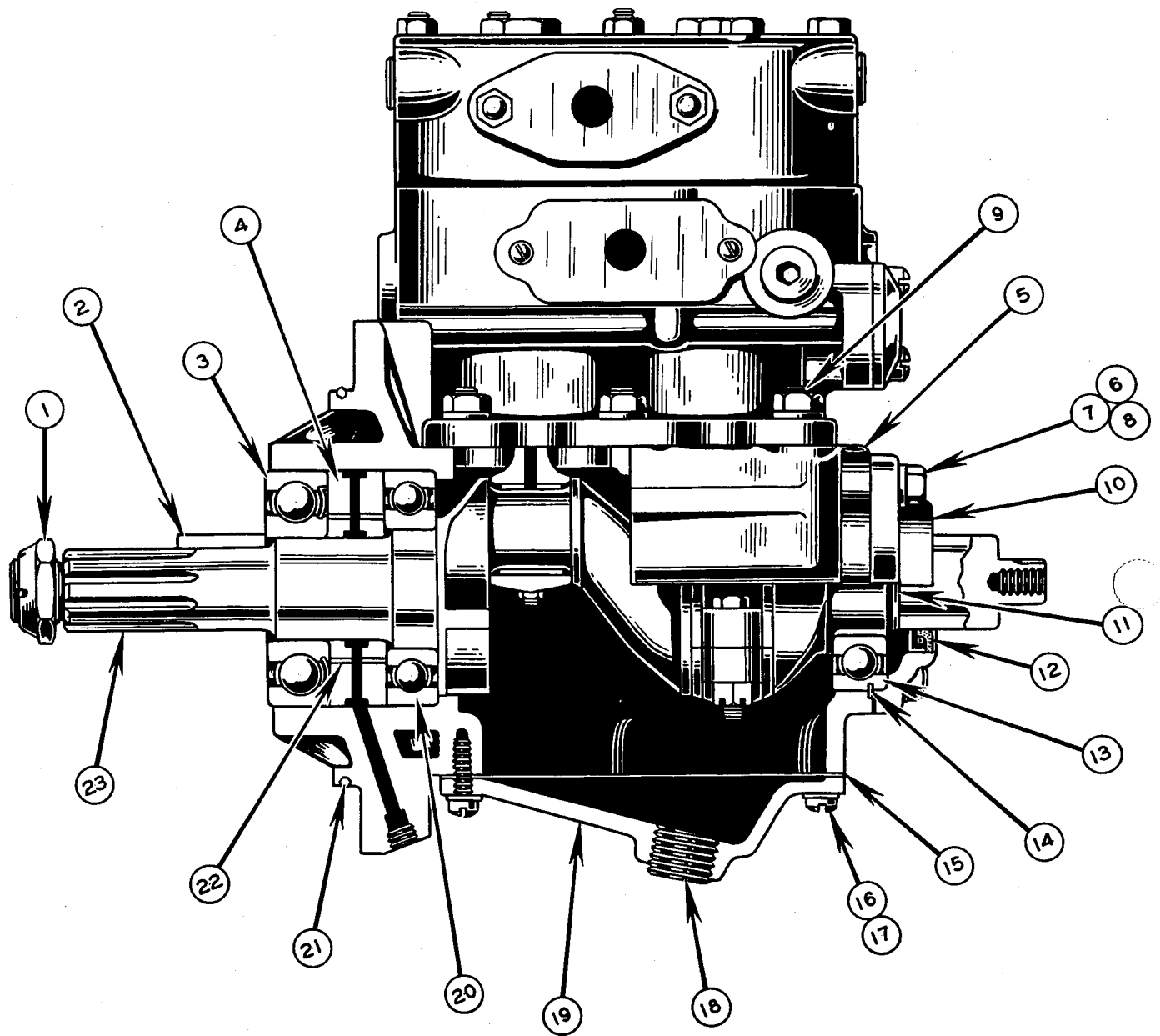


FIG. 874

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 874

AIR COMPRESSOR CRANKCASE

TU-FLO 400

Ref. No.	Part No.	Description	Qty.
1	SG-8034	NUT	1
2	SF-5793	KEY	1
3	TD-7168	BALL BEARING	1
4	SF-5789	OIL SEAL	1
5	SG-1181	CRANKCASE COMPLETE	1
6	SG-5594	STUD	4
7	SG-1184	LOCKWASHER	4
8	C-9656	NUT	4
9	SG-1257	STUD	6
10	TD-7165	REAR END COVER	1
11	TD-7169	RETAINING RING	1
12	SR-2197	OIL RETAINER	1
13	TD-7166	BEARING & SNAP RING	1
14	SF-7265	GASKET	1
15	SR-2199	GASKET	1
16	C-5774	LOCKWASHER	5
17	SG-8029	MACHINE SCREW	5
18	SR-6749	PIPE PLUG - 1/2"	1
19	SG-8033	CRANKCASE COVER	1
20	TD-7164	BALL BEARING	1
21	SP-8084	GROMMET	1
22	SF-5792	SPACER	1
23	TD-7163	CRANKSHAFT	1
NOTE: TC-7849 (B.W. #226532) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, BLOCK & CRANKCASE.			

SEE INDEX FOR—
SEAT
INST. PANEL
CONTROLS
BRAKE VALVE

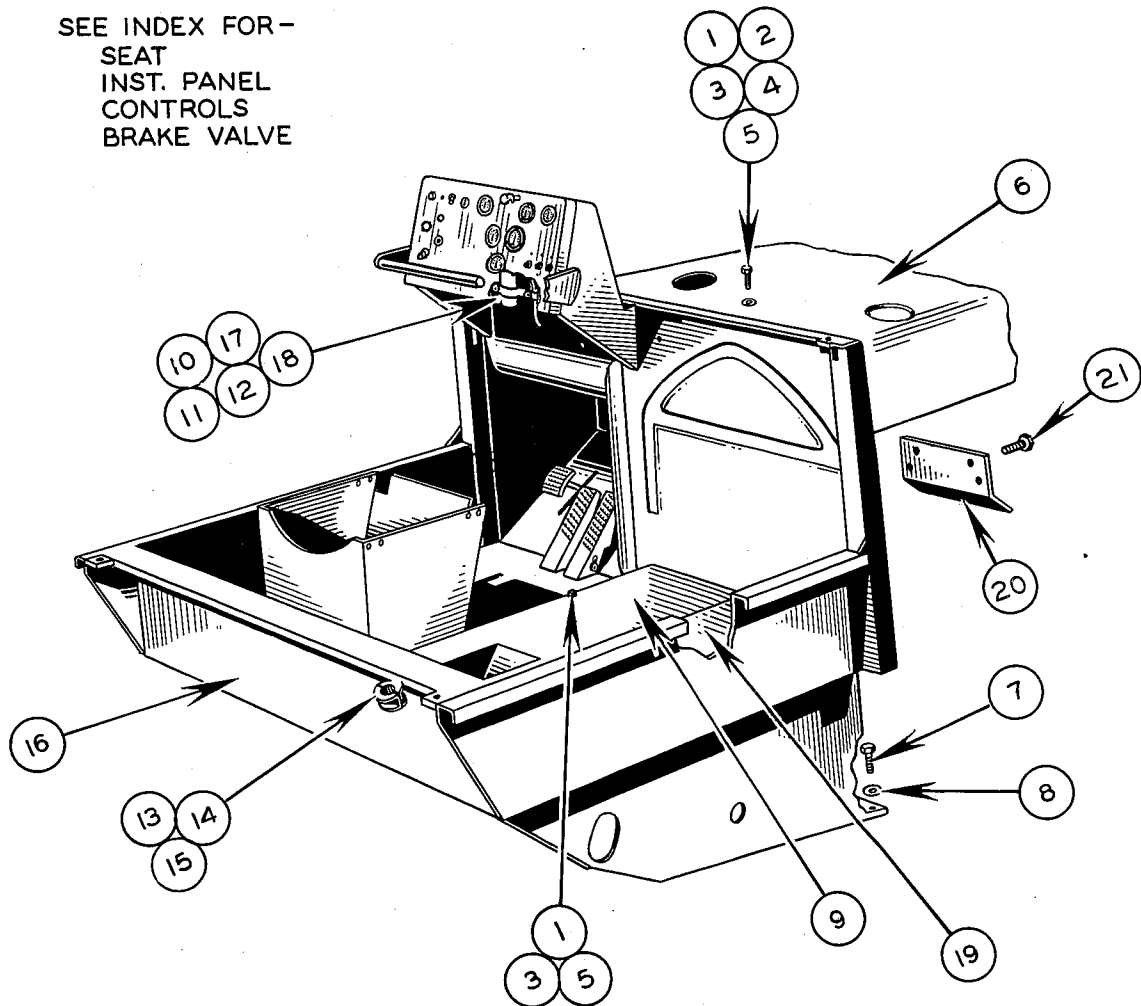


FIG. 2465

COCKPIT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2465

COCKPIT

Ref. No.	Part No.	Description	Qty.
1	C-1604	CAPSCREW - 3/8" - 16NC x 3/4"	15
	TC-1234	CAPSCREW - 3/8" - 16NC x 3/4" - CAD. PLATED *	13
	TR-4919	NUT, FLANGE - 3/8" - 16NC *	13
2	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4"	3
3	C-312	LOCKWASHER - 3/8"	18
4	C-1547	FLATWASHER - 3/8"	20
	TR-4436	FLATWASHER - 3/8" CAD. PLATED *	13
5	C-1521	NUT - 3/8" - 16NC	18
	TR-4919	NUT - 3/8" - 16NC CAD. PLATED *	13
6		HOOD (Order from Factory)	1
7	CE-2510	CAPSCREW - 5/8" - 16NC x 3/4" **	2
	C-7595	CAPSCREW - 5/8" - 16NC x 1 1/4" **	2
	C-7594	CAPSCREW - 5/8" - 16NC x 1" ***	4
8	C-1541	LOCKWASHER - 5/8"	4
9	SG-4983	PLATE, FLOOR #	1
	TC-432	PLATE, FLOOR ##	1
	TG-1668	PLATE, FLOOR ###	1
	TH-6453	PLATE, FLOOR π	1
	TR-3522	PLATE, FLOOR ππ	1
10	SG-3216	SCREW, MACHINE - 1/4" - 20NC x 5/8" **	2
11	SF-4553	LOCKWASHER - 1/4"	12
12	C-5780	NUT - 1/4" - 20NC	12
13	DF-1310	GROMMET, CABLE	1
14	DF-1578	SCREW, MACHINE - 1/4" - 20NC x 1"	2
15	DF-1577	NUT - 1/4" - 20NC	2
16		COCKPIT (Order from Factory)	1
17	SL-3825	CAPACITOR **	1
18	SL-3818	CLAMP **	1
19	TC-431	PLATE, FLOOR - R.H. ##/@@	1
	TG-3201	PLATE, FLOOR - R.H. ###	1
	TH-6450	PLATE, FLOOR - R.H. π	1
	TR-3541	PLATE, FLOOR - R.H. @	1
20	VD-9838	COVER, CONTACTOR @@@	1
21	SG-1375	SCREW, SELF TAPPING - #10-24 @@@	4
		NOT SHOWN	
	SG-2103	GROMMET, RUBBER	6
	DC-4088	GROMMET, RUBBER	3
	SG-5696	CLAMP - 1/8"	2
	SD-7388	CLAMP - 3/4"	1
	SG-5696	CLAMP - 1/8"	2
	SD-7389	CLAMP - 1"	6
	H-3167	CLAMP - 3/8"	8
	H-2640	SCREW, MACHINE - 1/4" - 20NC x 3/4"	3
	SF-5678	CHANNEL, RUBBER	1
	SG-4508	SCREW, MACHINE - #12-24 x 1/4"	6
	SF-5650	CLAMP, JIFFY - 3/4"	2
	SF-5676	SCREW, MACHINE - #12-24 x 3/8"	5
	SR-6271	CLAMP, CABLE πππ	1
	TR-8279	GROMMET @@@	1
	CC-6174	CLAMP, JIFFY @@@	2
		NOTES: * EFFECTIVE WITH SERIAL SUFFIX DPA2-D & DPF2-D.	
		** EFFECTIVE THRU SERIAL SUFFIX DPA2-F & DPF2-H.	
		*** EFFECTIVE WITH SERIAL SUFFIX DPA2-G & DPF2-J.	
		# EFFECTIVE THRU SERIAL SUFFIX DF-J, DP-L & DP-M.	
		## EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N.	
		### EFFECTIVE WITH SERIAL SUFFIX DPF2.	
		π EFFECTIVE WITH SERIAL SUFFIX DPA2 THRU DPA2-C.	
		ππ EFFECTIVE WITH SERIAL SUFFIX DPA2-D.	
		πππ EFFECTIVE WITH SERIAL SUFFIX DPS ONLY.	
		@ EFFECTIVE WITH SERIAL SUFFIX DPA2-D THRU DPA2-G.	
		@@ EFFECTIVE WITH SERIAL SUFFIX DPA2-H.	
		@@@ EFFECTIVE WITH SERIAL SUFFIX DPA2-H & DPF2-K.	

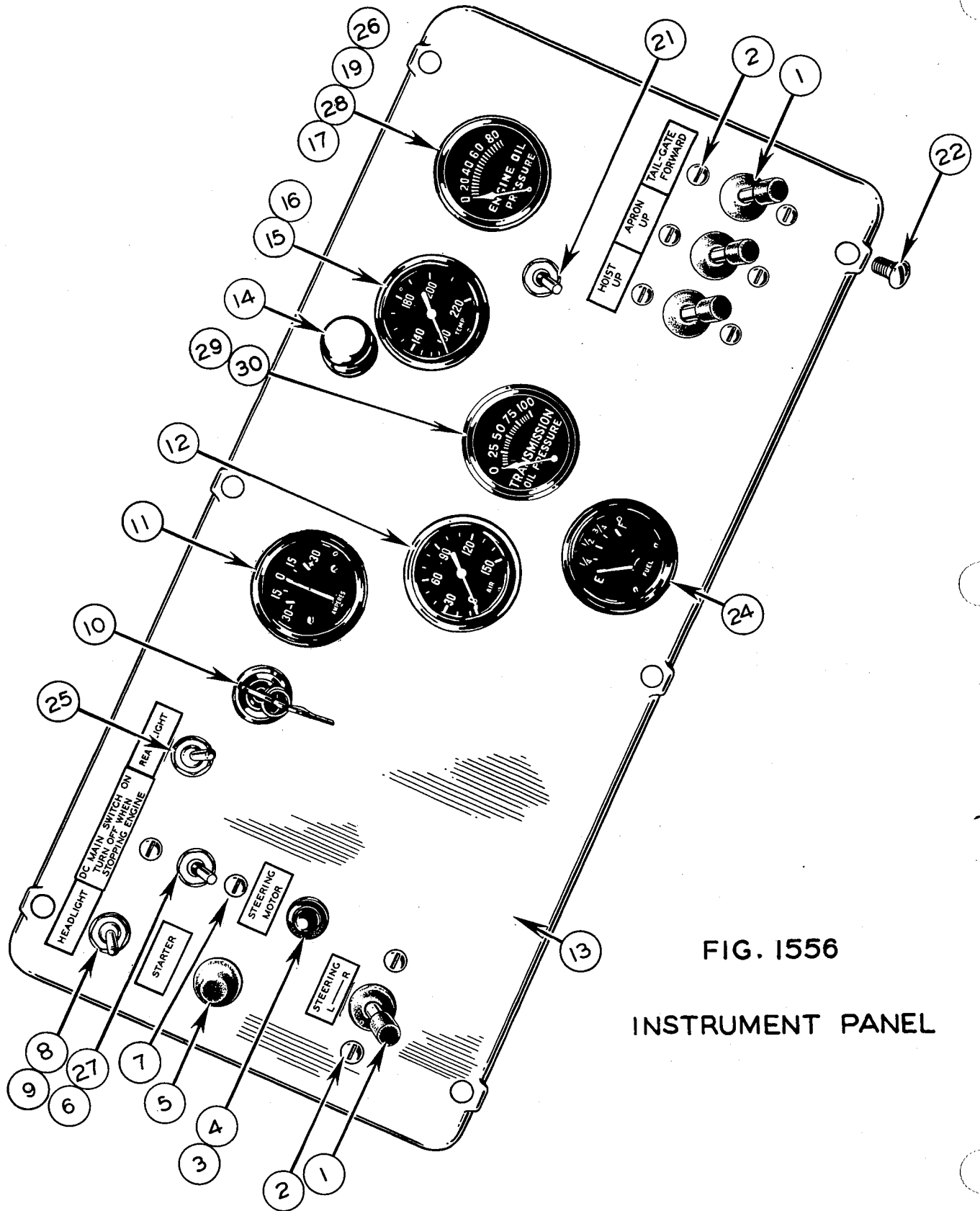


FIG. 1556
INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1556

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	TC-5004	SWITCH ASSEMBLY, CONTROL	4
	DF-5856	SWITCH ASSEMBLY	8
	DC-3591	TIP, RUBBER	4
2	DC-5004	SCREW, MACHINE - 12-24 x 1/2"	8
3	SH-7556	LIGHT, INDICATOR *	1
	TC-5519	LIGHT, INDICATOR **	1
4	SH-7557	BULB *	1
	SP-8443	BULB **	1
5	DC-5636	SWITCH, STARTER	1
6	DD-3622	SWITCH, D. C. MAIN	1
7	SG-2106	SCREW, SELF-TAPPING - #6 - 32 x 1/2"	2
8	SV-6749	SWITCH #	1
9	SR-8325	SWITCH ##	1
10	SP-6126	SWITCH, KEY	1
11	HC-8538	AMMETER	1
12	HC-8563	GAGE, AIR PRESSURE	1
13	SL-7664	PANEL ##	1
	SL-8833	PANEL %	1
	TF-5414	PANEL ç	1
14	HC-8190	LIGHT ASSEMBLY	1
	HC-6513	BULB *	1
	SL-7747	BULB **	1
	H-5304	WASHER	1
15	SF-8788	GAGE, WATER TEMPERATURE	1
16	DC-4088	BUSHING	1
17	TC-3317	GAGE, ENGINE OIL PRESSURE	1
18	SG-3290	SWITCH, OIL PRESSURE	1
19	C-1231	COUPLING - 1/8" NPT **	1
21	SV-6749	SWITCH (Used with D Logging Arch only)	1
22	SF-5676	SCREW, MACHINE - # 12-24 x 3/8"	5
24	HC-8539	GAGE, FUEL *	1
25	SR-8325	SWITCH	1
26	SF-8798	STREET ELL - 1/8" NPT x 45°	1
27	SP-8960	GASKET	1
28	D-9862	NIPPLE - 1/8" NPT x 3" **	1
29	TF-5410	GAGE, TRANSMISSION OIL PRESSURE ç	1
30	TD-9723	ADAPTOR ç	1

NOTE:

- * Effective thru Serial Suffix DP-Q.
- ** Effective with Serial Suffix DP-R, DPS, DPF2 & Up.
- # Effective with Serial Suffix DP-A, DPS, DPF2 & Up.
- ## Effective thru Serial Suffix DP only.
- % Effective with Serial Suffix DP-A, Also DPS.
- ç Effective with Serial Suffix DPF2 & DPF2-A.

(EFFECTIVE THRU SERIAL SUFFIX DP-R, DPF2 & DPF2-A)

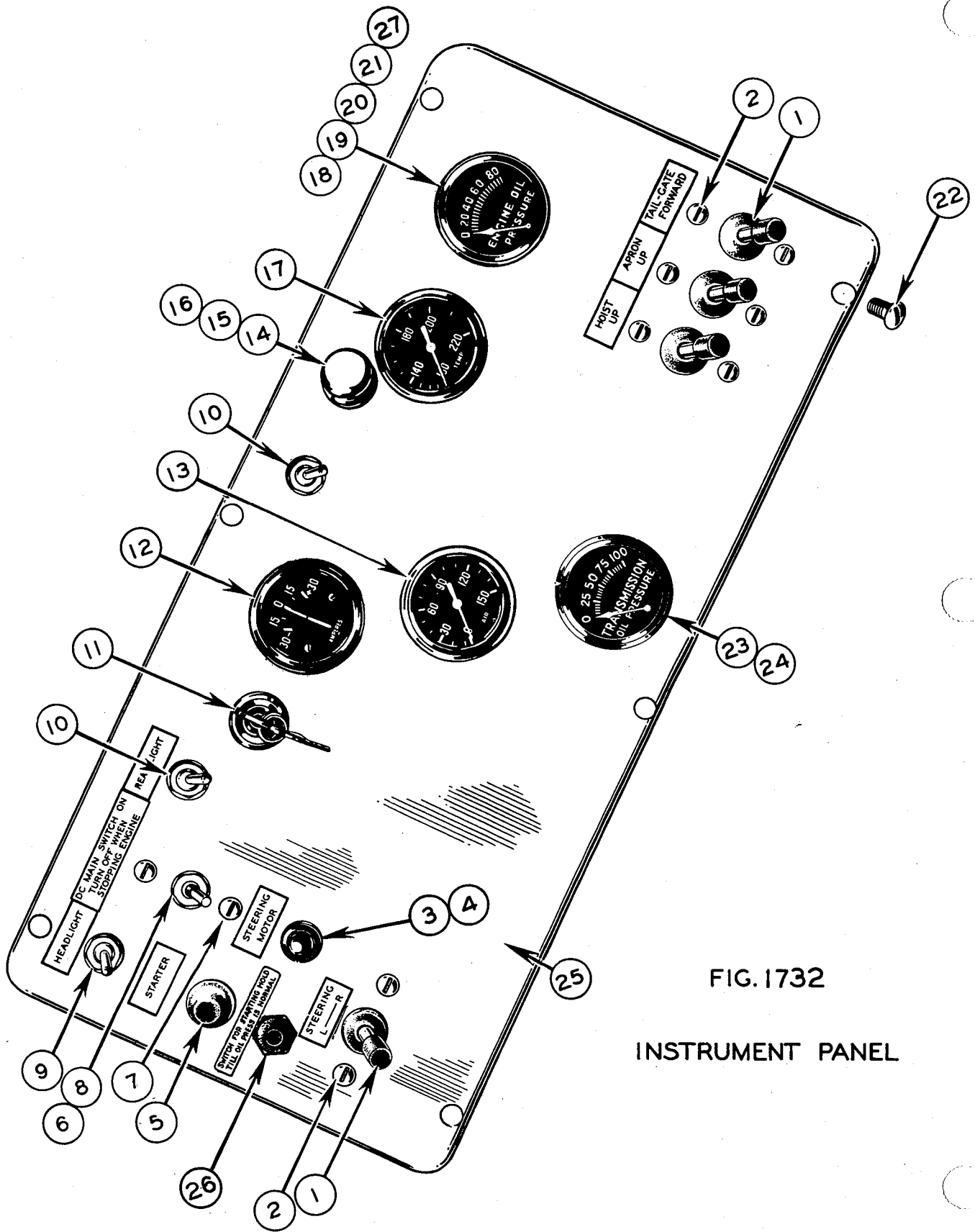


FIG. 1732

INSTRUMENT PANEL

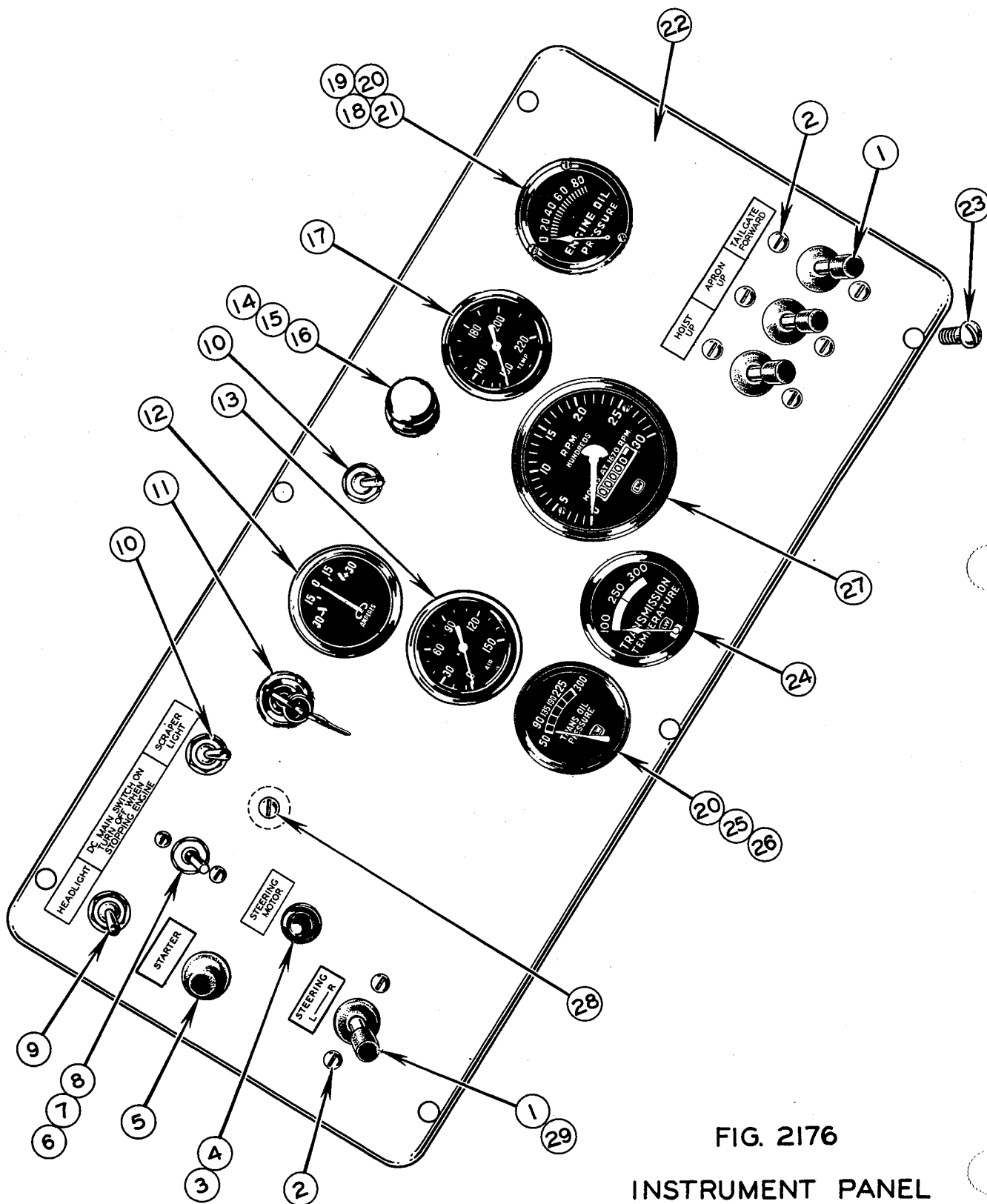
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1732

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	TC-5004	SWITCH ASSEMBLY	4
	DF-5856	SWITCH ASSEMBLY	8
	DC-3591	TIP, RUBBER	4
2	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
3	TG-1341	LIGHT, INDICATOR	1
	TL-3802	LENS	1
4	TG-1342	BULB	1
5	DC-5636	SWITCH, STARTER	1
	DH-4839	SWITCH, STARTER (Effective for Serial Suffix DPF 2- D Only)	1
6	DD-3622	SWITCH, D. C. MAIN	1
7	SG-2106	SCREW, SELF-TAPPING - #6-32 x 1/2"	2
8	SP-8960	GASKET	1
9	SV-6749	SWITCH, HEADLIGHT	1
10	SR-8325	SWITCH	2
11	SP-6126	SWITCH, KEY	1
12	HC-8538	AMMETER	1
13	HC-8563	GAGE, AIR PRESSURE	1
14	TF-6768	LIGHT ASSEMBLY, PANEL	1
15	D-2779	WASHER, INT. TOOTH - 3/8"	2
16	SP-8443	BULB	1
17	SF-8788	GAGE, WATER TEMPERATURE	1
18	HD-6483	GAGE, ENGINE OIL PRESSURE	1
19	SF-8798	STREET ELL - 1/8" NPT x 45°	1
20	C-1231	COUPLING - 1/8" NPT	1
	R-2404	TEE - 1/8" NPT (Effective for Serial Suffix DPF2-D Only)	1
21	D-9862	NIPPLE - 1/8" NPT x 3"	1
22	SF-5676	SCREW, MACHINE - #12-24 x 3/8"	5
23	TF-5410	GAGE, TRANSMISSION OIL PRESSURE	1
24	TD-9723	ADAPTOR	1
25	TH-7030	PANEL	1
	TR-4914	PANEL	1
26	DC-5636	BUTTON, STARTER } (Eff. for Serial Suffix DPF2-D Only)	1
27	SG-3290	SWITCH, OIL PRESSURE }	1

(EFFECTIVE WITH SERIAL SUFFIX DPF2-B THRU DPF2-E)



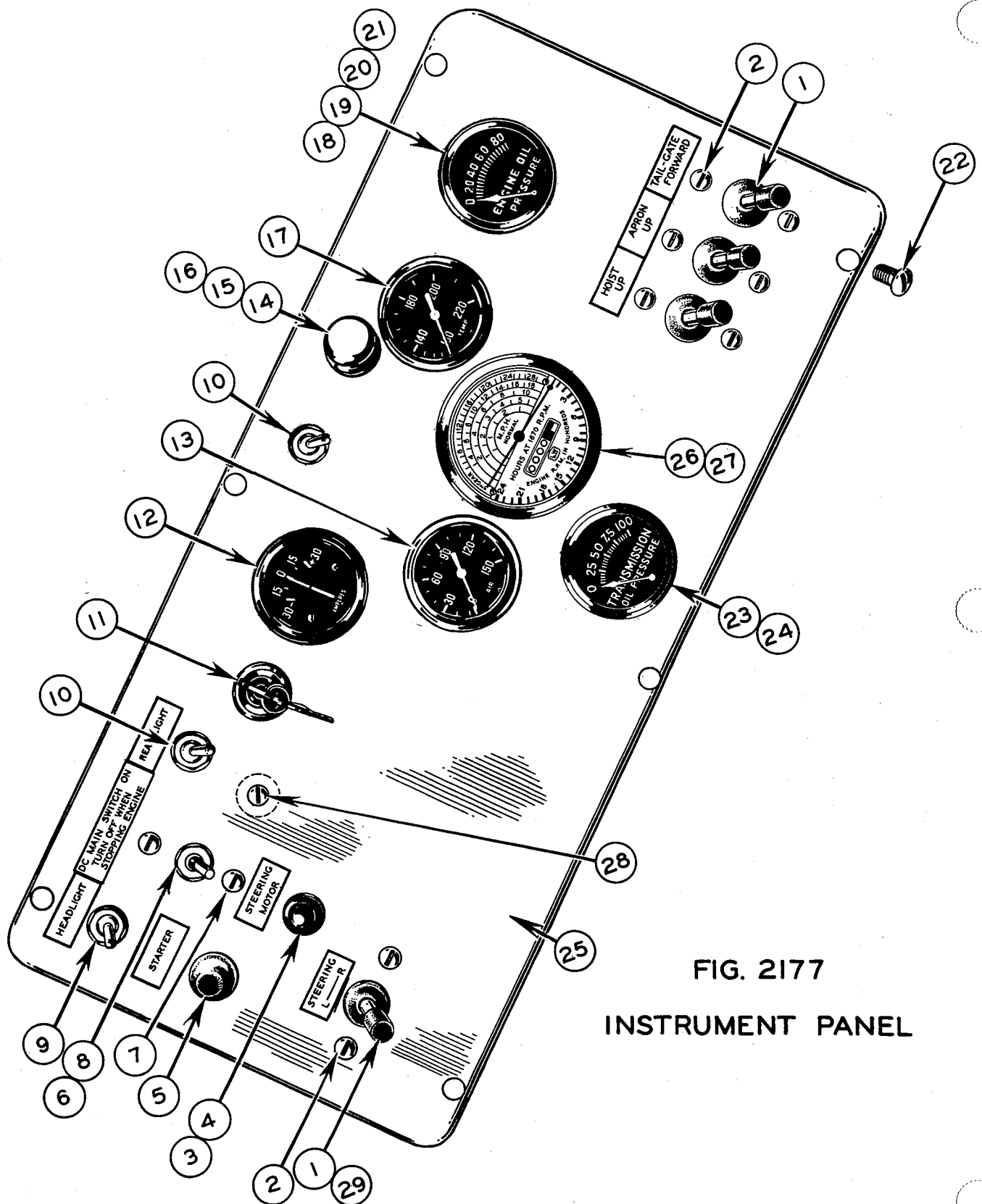
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2176

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	TC-5004	SWITCH ASSEMBLY (Effective with Serial Suffix DPA2-G, Qty. 3)	4
	DF-5856	SWITCH ASSEMBLY	8
	DC-3591	TIP, RUBBER	4
2	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
3	TG-1341	LIGHT, INDICATOR	1
	TL-3802	LENS	1
4	TG-1342	BULB	1
5	DC-5636	SWITCH, STARTER	1
6	DD-3622	SWITCH, D.C. MAIN	1
7	SP-8960	GASKET, RUBBER	1
8	DC-2354	SCREW, MACHINE - #8-32 x 5/16"	2
9	SV-6749	SWITCH, HEADLIGHT	1
10	SR-8325	SWITCH, REAR LIGHT & PANEL LIGHT	2
11	SP-6126	SWITCH, KEY	1
12	HC-8538	AMMETER	1
13	HC-8563	GAGE, AIR PRESSURE	1
14	TF-6768	LIGHT ASSEMBLY, PANEL	1
15	SP-8443	BULB	1
16	D-2779	LOCKWASHER	1
17	SF-8788	GAGE, WATER TEMPERATURE	1
18	HD-6483	GAGE, ENGINE OIL PRESSURE	1
19	SF-8798	ELL, STREET - 1/8" NPT x 45°	1
20	C-1231	COUPLING - 1/8" NPT	2
21	D-9862	NIPPLE - 1/8" NPT x 3"	1
22	TL-712	PANEL, INSTRUMENT	1
23	SF-5676	SCREW, MACHINE - #12-24 x 3/8"	5
24	SV-2708	GAGE, TRANSMISSION TEMPERATURE	1
25	SV-7053	ADAPTOR	1
26	TL-2157	GAGE, TRANSMISSION PRESSURE	1
27	SL-7257	TACHOMETER (Effective thru Serial Suffix DPA2-C)	1
	TR-2181	TACHOMETER, HOUR METER (Effective with Serial Suffix DPA2-D)	1
	TR-4923	TACHOMETER, ADAPTOR (Effective with Serial Suffix DPA2-D)	1
28	VC-2522	RESISTOR	1
	DH-2638	SCREW, MACHINE - #10-24 x 2 1/2" } (Eff. with Serial Suffix DPA2-H) ..	1
	DF-5206	WASHER, FIBER	1
	SC-3117	WASHER, FLAT - #10	1
	H-2643	LOCKWASHER - #10	1
	SG-3408	NUT - #10-24	1
29	VD-2738	SWITCH ASSEMBLY (Effective with Serial Suffix DPA2-G)	1
	DF-5856	SWITCH ASSEMBLY	2
	DC-3591	TIP, RUBBER	1

(USED WITH ALLISON TRANSMISSION)
(EFFECTIVE WITH SERIAL SUFFIX DPA2 THRU DPA2-G)



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2177

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	TC-5004	SWITCH ASSEMBLY (Eff. with Serial Suffix DPF2-J, Qty. 3)	4
	DF-5856	SWITCH ASSEMBLY	8
	DC-3591	TIP, RUBBER	4
2	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
3	TG-1341	LIGHT INDICATOR	1
	TL-3802	LENS	1
4	TG-1342	BULB	1
5	DC-5636	SWITCH STARTER	1
6	DD-3622	SWITCH, D.C. MAIN	1
7	SG-2106	SCREW, SELF-TAPPING - #6-32 x 1/2"	2
8	SP-8960	GASKET	1
9	SV-6749	SWITCH, HEADLIGHT	1
10	SR-8325	SWITCH	2
11	SP-6126	SWITCH, KEY	1
12	HC-8538	AMMETER	1
13	HC-8563	GAGE, AIR PRESSURE	1
14	TF-6768	LIGHT ASSEMBLY, PANEL	1
15	D-2779	WASHER, INT. TOOTH - 3/8"	2
16	SP-8443	BULB	1
17	SF-8788	GAGE, WATER TEMPERATURE	1
18	HD-6483	GAGE, ENGINE OIL PRESSURE	1
19	SF-8798	STREET ELL - 1/8" NPT x 45°	1
20	C-1231	COUPLING - 1/8" NPT	1
21	D-9862	NIPPLE - 1/8" NPT x 3"	1
22	SF-5676	SCREW, MACHINE - #12-24 x 3/8"	5
23	TF-5410	GAGE, TRANSMISSION OIL PRESSURE	1
24	TD-9723	ADAPTOR	1
25	TR-4902	PANEL	1
26	TR-4904	TACHOMETER, SPEEDOMETER, & HOUR METER	1
27	TR-4923	ADAPTOR, TACHOMETER	1
28	VC-2522	RESISTOR	1
	DH-2638	SCREW, MACHINE - #10-24 x 2 1/2"	1
	DF-5206	WASHER, FIBER	1
	SC-3117	WASHER, FLAT	1
	H-2643	LOCKWASHER - #10	1
	SG-3408	NUT - #10 - 24	1
29	VD-2738	SWITCH ASSEMBLY (Eff. with Serial Suffix DPF2-J)	1
	DF-5856	SWITCH ASSEMBLY	2
	DC-3591	TIP, RUBBER	1
(EFFECTIVE WITH SERIAL SUFFIX DPF2-F THRU DPF2-J)			

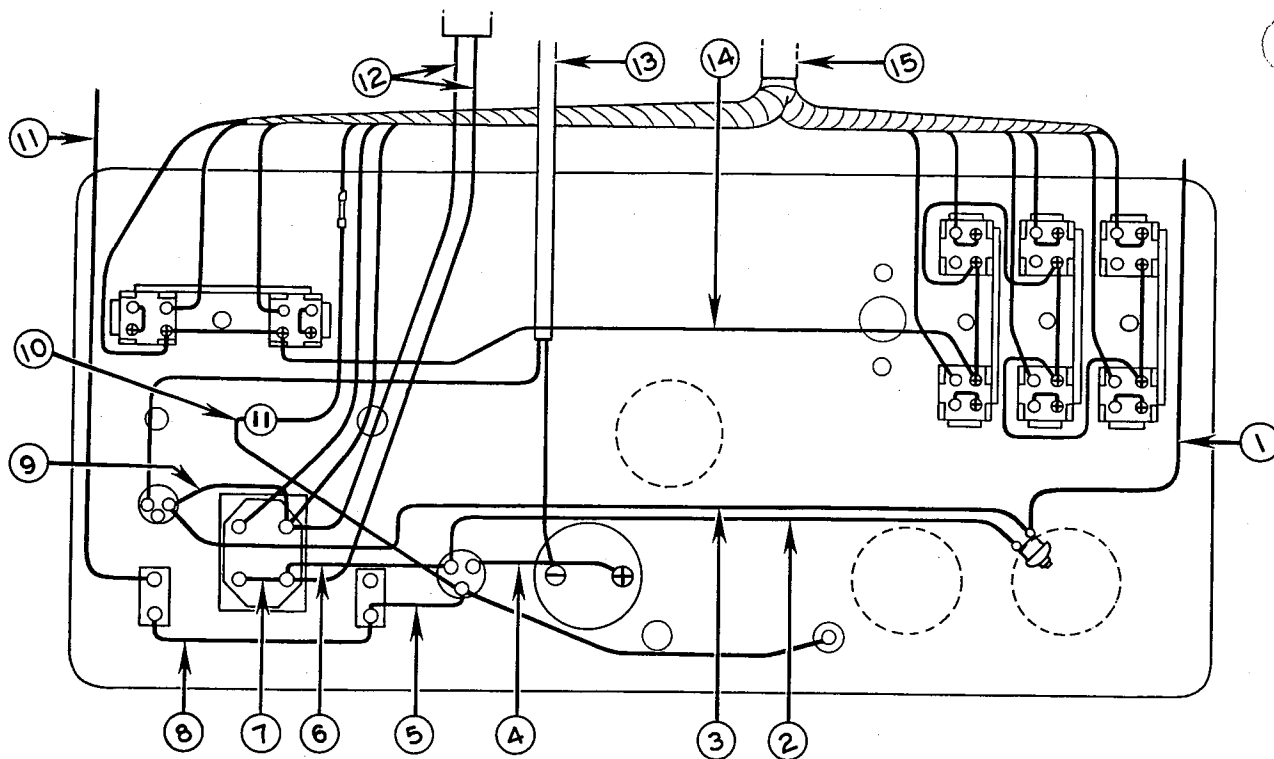


FIG. 2178 A

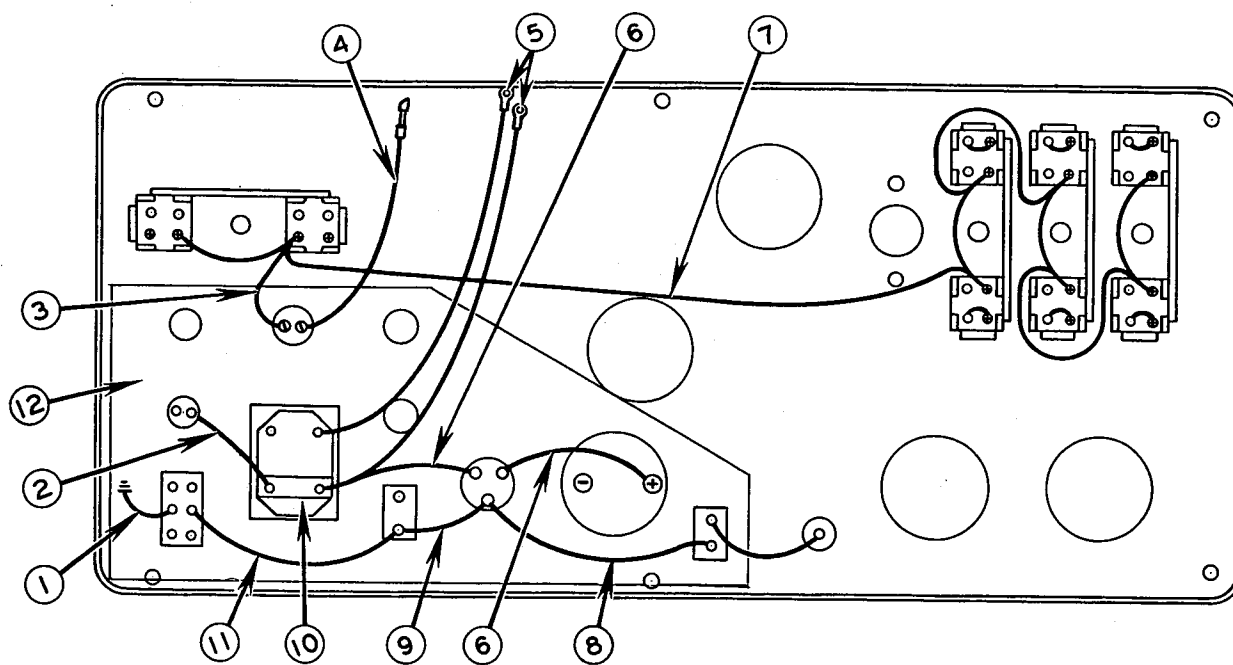


FIG. 2178 B

WIRING-INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2178A

WIRING - INSTRUMENT PANEL

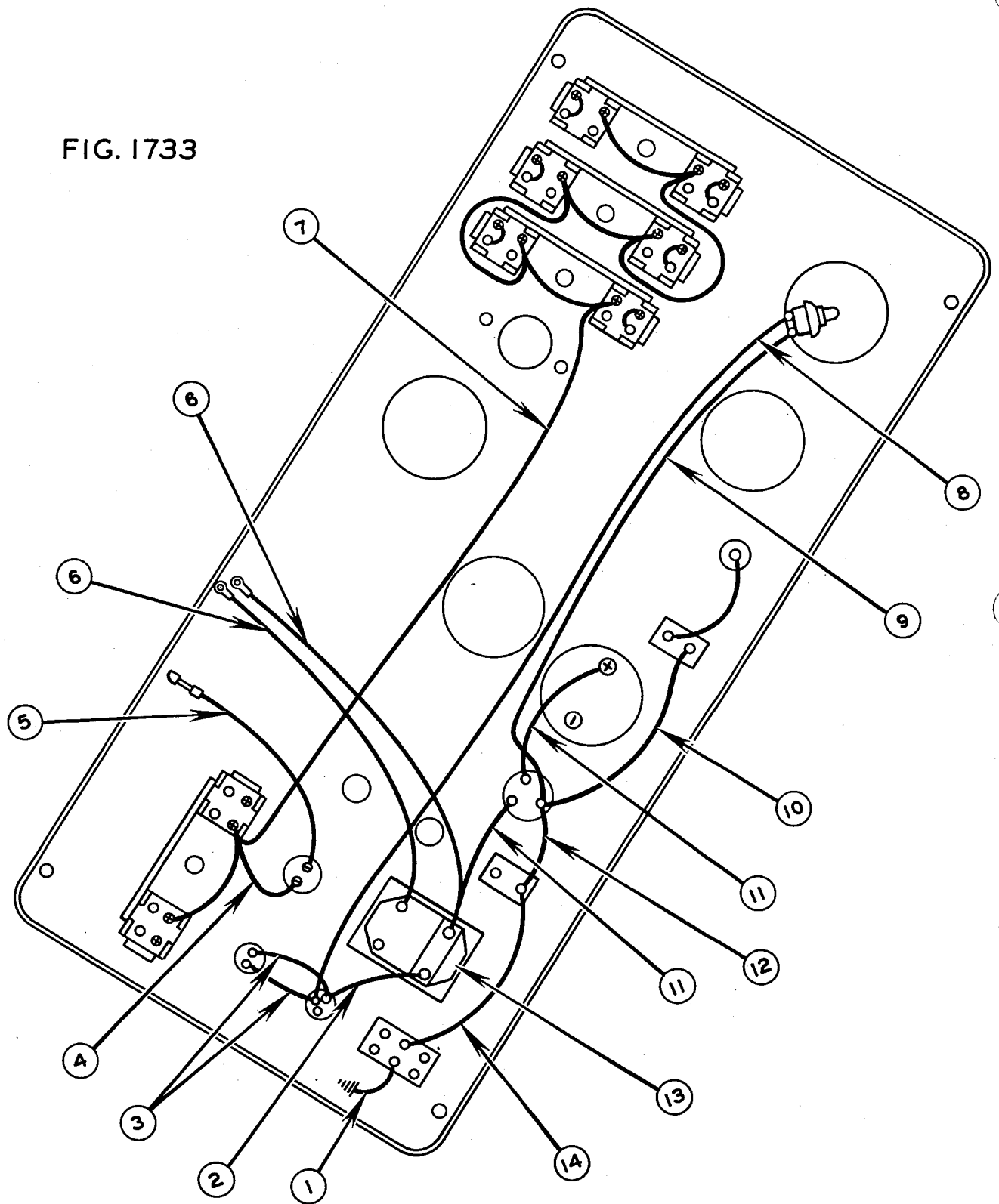
Ref. No.	Part No.	Description	Qty.
1	TC-5152	WIRE - OIL PRESSURE SWITCH TO P.T. PUMP SOLENOID-CUMMINS	1
2	SV-2358	WIRE - KEY SWITCH TO OIL PRESSURE SWITCH - CUMMINS	1
3	SV-2360	WIRE - STARTER SWITCH TO OIL PRESSURE SWITCH - CUMMINS	1
4	TC-5169	WIRE - KEY SWITCH TO AMMETER	1
5	TD-8740	WIRE - KEY SWITCH TO REAR LIGHT SWITCH	1
6	SL-2483	WIRE - KEY SWITCH TO D.C. MAIN SWITCH *	1
	TC-5169	WIRE - KEY SWITCH TO D.C. MAIN SWITCH **	1
7	TF-714	WIRE, JUMPER - D.C. MAIN SWITCH	1
8	SV-838	WIRE - REAR LIGHT SWITCH TO HEADLIGHT SWITCH	1
9	SL-2482	WIRE - D.C. MAIN SWITCH TO STARTER SWITCH *	1
	TD-8742	WIRE - D.C. MAIN SWITCH TO STARTER SWITCH **	1
10	TC-5519	WARNING LIGHT & WIRE, STEERING	1
11		WIRE - HEADLIGHT (See Index for Wiring - Headlight)	1
12	SV-2356	WIRE - TO CAPACITOR	1
13	TC-5156	CABLE, STARTER - CUMMINS	1
	SG-4290	CABLE, STARTER - GM	1
14	TC-5520	WIRE - TO CONTROL SWITCHES	1
15		CABLE, MAIN (See Index for For Wiring - General)	1
NOT SHOWN			
	SL-2481	WIRE - HEADLIGHT SWITCH GROUND #	1
	SL-2489	WIRE - AMMETER TO HEADLIGHT SWITCH *	1
NOTES: * EFF. THRU SERIAL SUFFIX DP-J, DP-L & DP-M.. ** EFF. WITH SERIAL SUFFIX DP-K, DP-N & UP. # EFF. WITH SERIAL SUFFIX DP-A thru DP-J,DP-L & DP-M.			
(EFFECTIVE THRU SERIAL SUFFIX DP-R, DPS,DPF2-A & DPA2-A)			

FIGURE 2178B

WIRING - INSTRUMENT PANEL

1	SV-8706	WIRE - HEADLIGHT SWITCH TO GROUND	1
2	TD-8742	WIRE - D.C. MAIN SWITCH TO STARTER SWITCH	1
3	SV-837	WIRE - STRG. WARNING LIGHT TO CONTROL SWITCH	1
4	TL-532	WIRE - STRG. WARNING LIGHT TO MAIN CABLE	1
5	SV-2356	WIRE - TO CAPACITOR	2
6	TC-5169	WIRE - KEY SWITCH TO AMMETER & D.C. MAIN SWITCH	2
7	TC-5520	WIRE - PHASE B, TO MOTOR CONTROL SWITCHES	1
8	TH-2293	WIRE - KEY SWITCH TO PANEL LIGHT SWITCH	1
9	TD-8740	WIRE - KEY SWITCH TO REAR LIGHT SWITCH	1
10	TF-714	WIRE, JUMPER - D.C. MAIN SWITCH	1
11	SV-838	WIRE - REAR LIGHT SWITCH TO HEADLIGHT SWITCH	1
12	VC-5358	UNDERLAY (Eff. with Serial Suffix DPF2-J & DPA2-G)	1
(EFFECTIVE WITH SERIAL SUFFIX DPF2-B THRU DPF2-J EXCEPT DPF2-D & WITH SERIAL SUFFIX DPA2-B THRU DPA2-G)			

FIG. 1733



WIRING-INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1733

WIRING - INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	SV-8706	WIRE - HEADLIGHT SWITCH TO GROUND	1
2	TD-8742	WIRE -MAIN SWITCH TO STARTER SWITCH	1
3	SV-2352	WIRE - STARTER BUTTON JUMPER	2
4	SV-837	WIRE - WARNING LIGHT TO CONTROL SWITCH	1
5	TL-532	WIRE - WARNING LIGHT TO MAIN CABLE	1
6	SV-2356	WIRE - CAPACITOR	2
7	TC-5520	WIRE - PHASE B, TO MOTOR CONTROL SWITCH	1
8	SV-2360	WIRE - STARTER BUTTON TO OIL PRESSURE SWITCH	1
9	SV-2358	WIRE - KEY SWITCH TO OIL PRESSURE SWITCH	1
10	TH-2293	WIRE - KEY SWITCH TO PANEL LIGHT SWITCH	1
11	TC-5169	WIRE - KEY SWITCH TO AMMETER AND D.C. MAIN SWITCH	2
12	TD-8740	WIRE - REAR LIGHT SWITCH TO KEY SWITCH	1
13	TF-714	WIRE, JUMPER - D.C. MAIN SWITCH	1
14	SV-838	WIRE - REAR LIGHT SWITCH TO HEADLIGHT SWITCH	1
(Effective with Serial Suffix DPF2-D Only)			

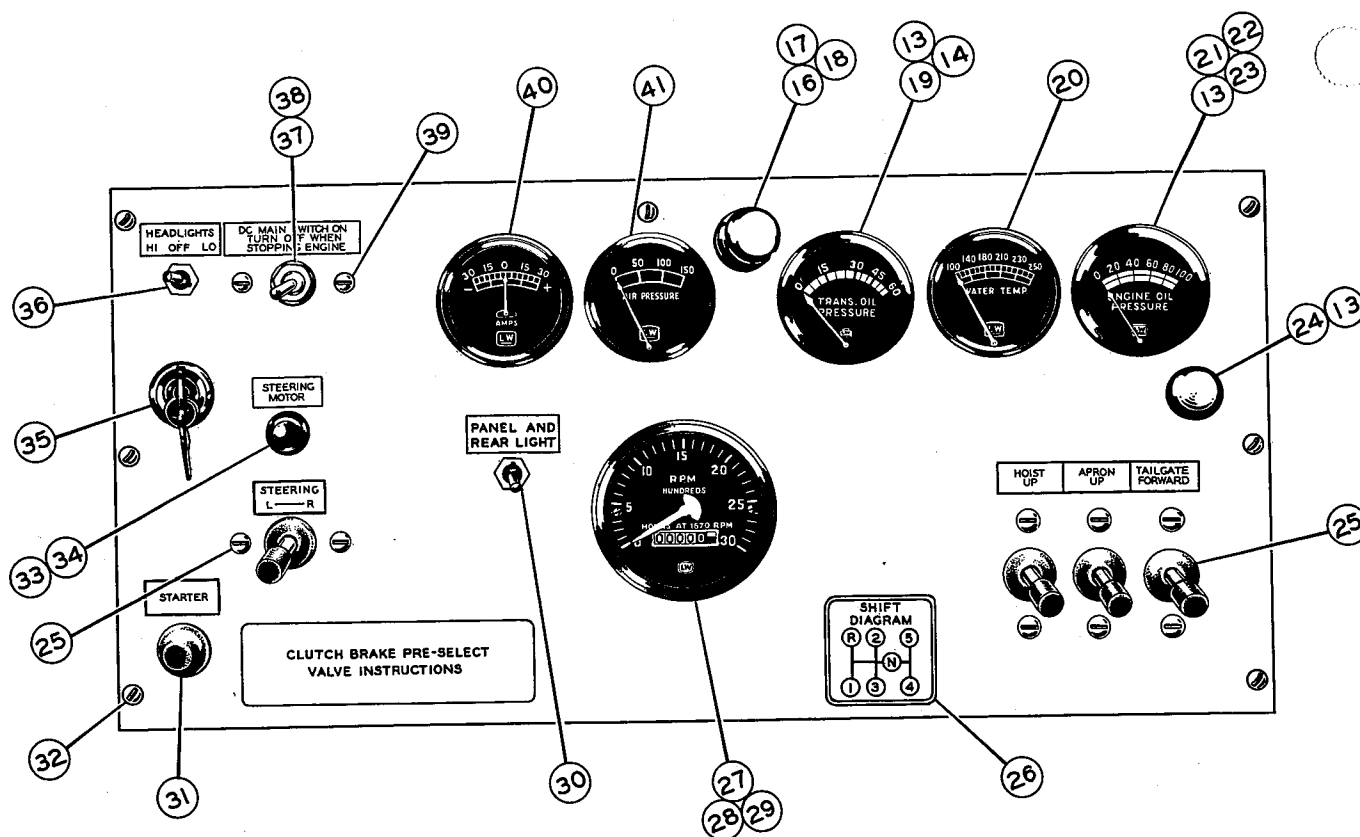
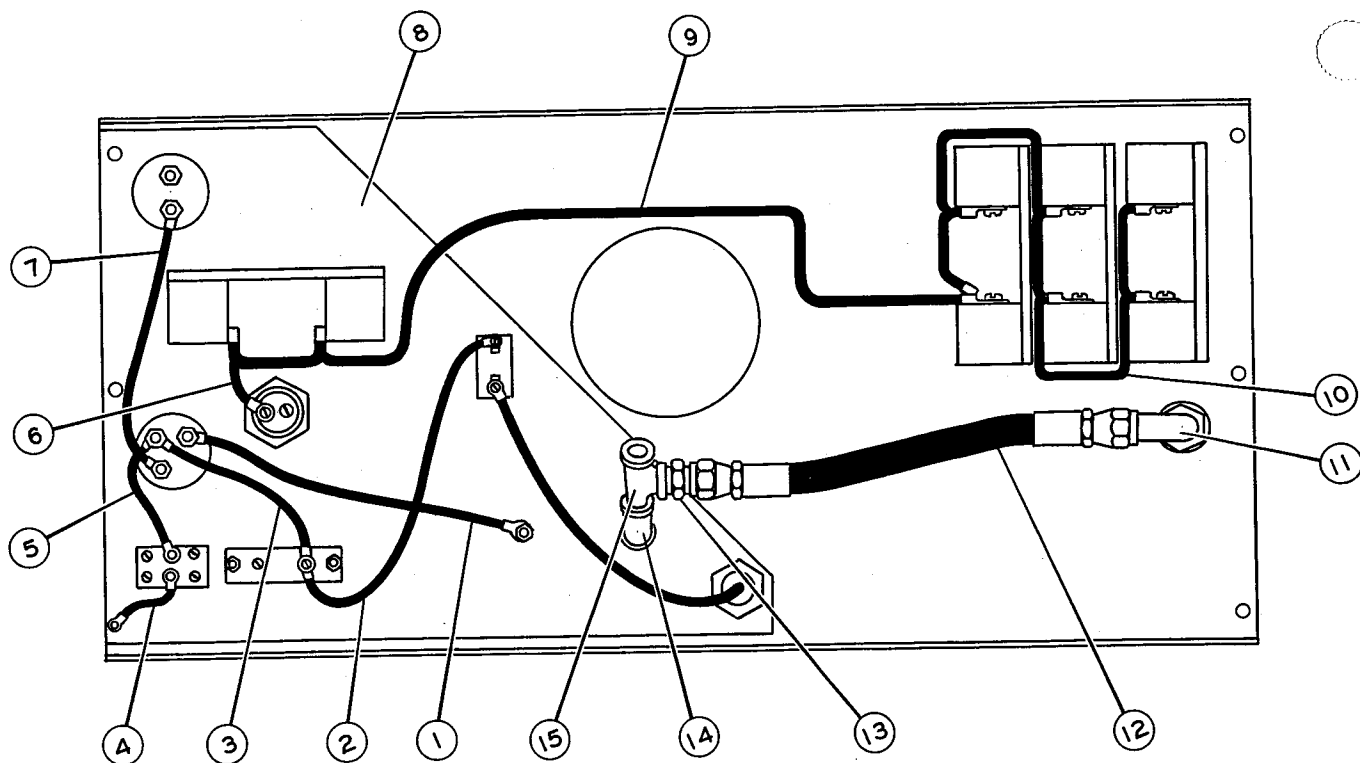


FIG. 2460
INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2460

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	VG-7572	WIRE, JUMPER - KEY SWITCH TO AMMETER	1
2	VF-9594	WIRE, JUMPER - PANEL LIGHT SWITCH TO DC MAIN SWITCH	1
3	VG-7573	WIRE, JUMPER - KEY SWITCH TO DC MAIN SWITCH	1
4	VF-9586	WIRE, HEADLIGHT SWITCH GROUND	1
5	VF-9587	WIRE, JUMPER - KEY SWITCH TO HEADLIGHT SWITCH	1
6	SV-840	WIRE, JUMPER - STEERING SWITCH TO WARNING LIGHT	1
7	VG-7574	WIRE, JUMPER - KEY SWITCH TO STARTER SWITCH	1
8	VF-7824	INSULATION, INSTRUMENT PANEL	1
9	VF-2182	WIRE, JUMPER - STEERING SWITCH TO HOIST SWITCH	1
10	VF-2183	WIRE, JUMPER - APRON & TAILGATE SWITCHES	1
11	TD-9747	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
12	TF-4107	HOSE ASSEMBLY - 1/4" x 8" - AIR PRESSURE GAGE TO HORN VALVE	1
13	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20NF	5
14	TD-9196	ELBOW - 1/8" x 45°	2
15	DD-4242	TEE, STREET - 1/8"NPT	1
16	TF-8463	LIGHT, INSTRUMENT PANEL	1
17	SP-8443	BULB, INSTRUMENT PANEL LIGHT	1
18	D-2779	WASHER, LOCK	2
19	VF-7813	GAGE, TRANSMISSION OIL PRESSURE	1
20	DL-4714	GAGE, WATER TEMPERATURE	1
21	HD-6483	GAGE, ENGINE OIL PRESSURE	1
22	SF-8798	ELBOW, STREET - 1/8"NPT x 45°	1
23	C-1231	COUPLING, PIPE - 1/8"NPT	1
24	SV-9125	VALVE, HORN	1
25	TC-5004	SWITCH, CONTROL (See Index)	4
	DC-5004	SCREW, MACHINE - #12 - 24NC x 1/2"	8
26	VF-7811	PANEL, INSTRUMENT	1
27	TR-2181	TACHOMETER, HOURMETER	1
	TR-4904	TACHOMETER, SPEEDOMETER (Optional)	1
28	TR-4923	ADAPTOR, TACHOMETER	1
29	SV-1468	CABLE, TACHOMETER	1
30	SR-8325	SWITCH, PANEL & REAR LIGHT	1
31	DC-5636	SWITCH, STARTER	1
32	SF-5676	SCREW, MACHINE - #12 - 24NC x 3/8"	7
33	VF-1691	LIGHT, WARNING	1
34	TG-1342	BULB, WARNING LIGHT	1
35	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	2
36	SV-6749	SWITCH, HEADLIGHT	1
37	HE-5710	SWITCH, D.C. MAIN	1
38	SP-8960	GASKET, RUBBER	1
39	SG-2106	SCREW - #6-32NC x 1/2"	2
40	HC-8538	AMMETER	1
41	HC-8563	GAGE, AIR PRESSURE	1

(EFFECTIVE WITH SERIAL SUFFIX DPF2-K)

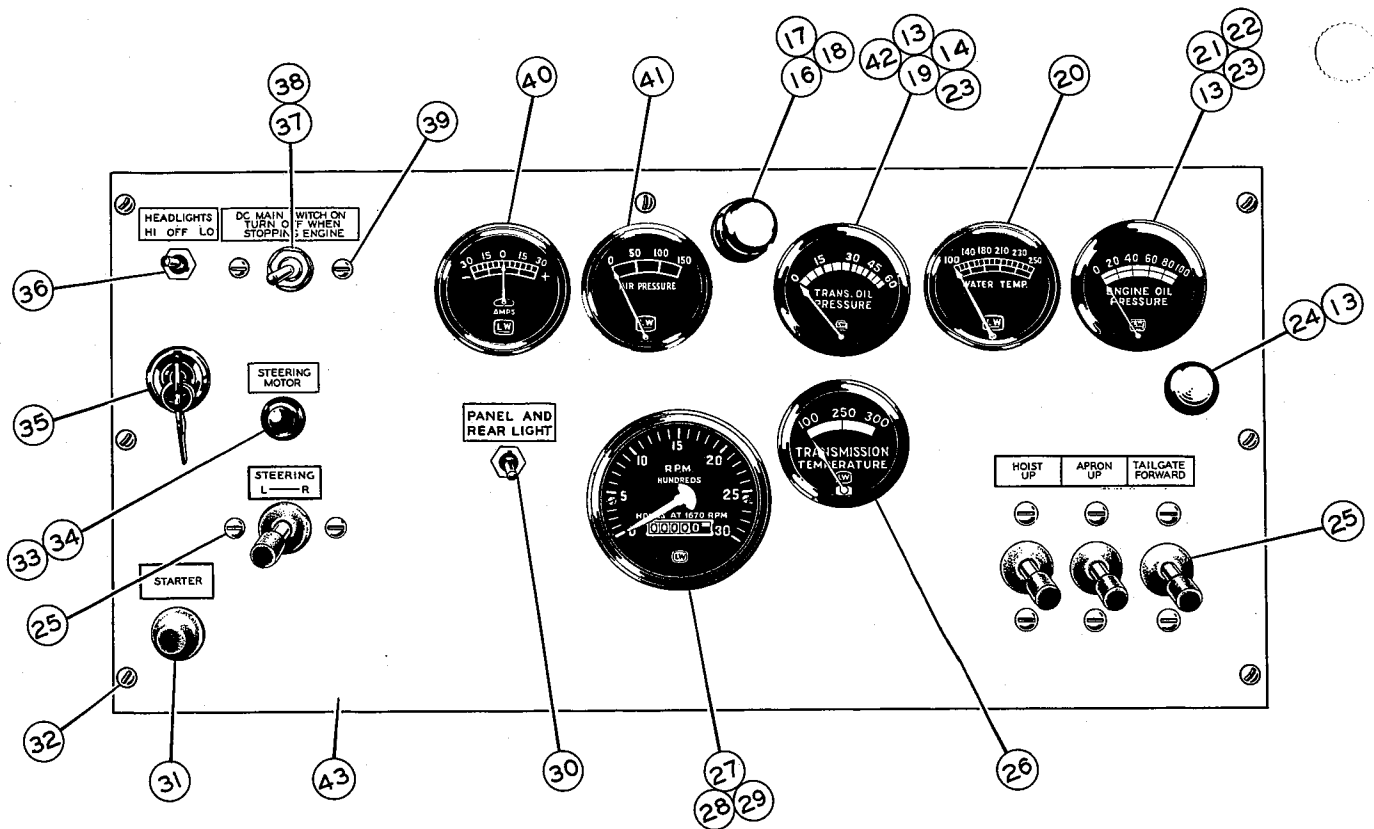
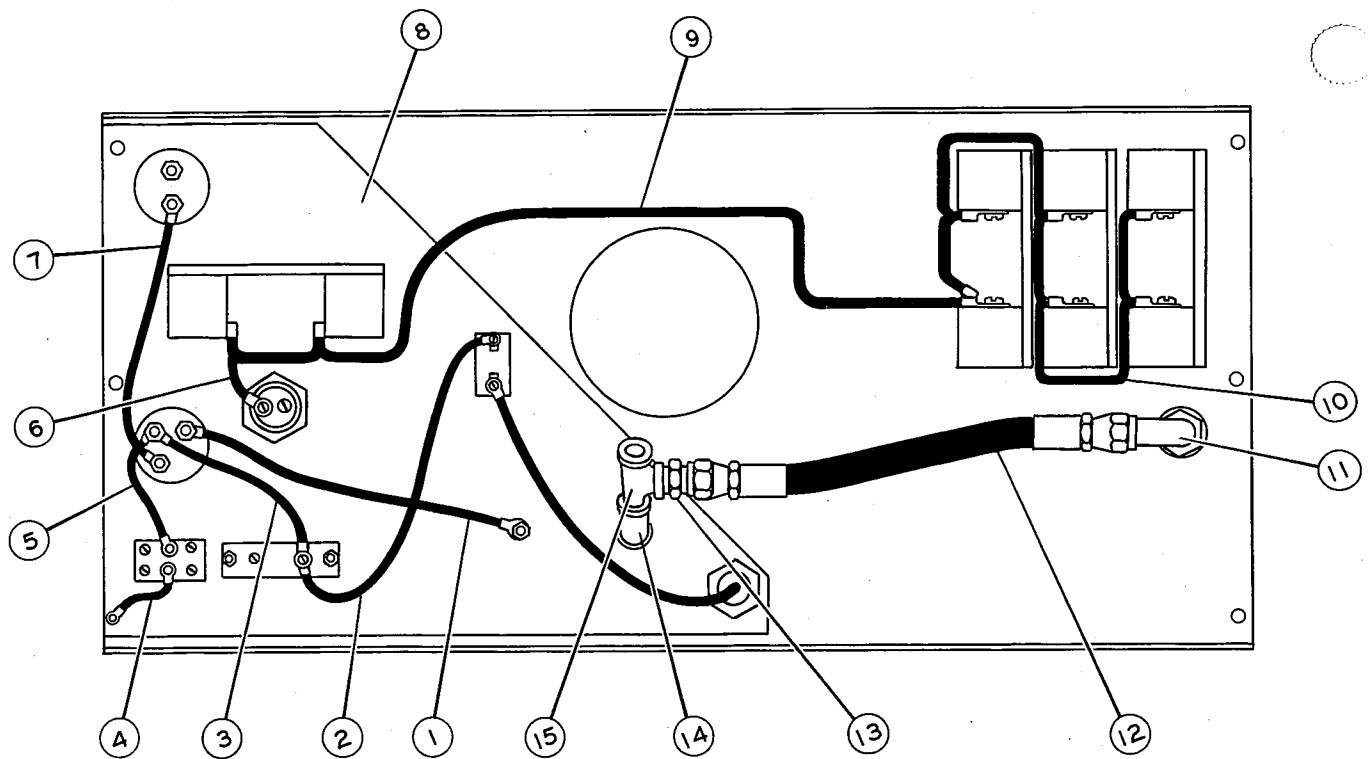


FIG. 2475
INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2475

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	VG-7572	WIRE, JUMPER - KEY SWITCH TO AMMETER	1
2	VF-9594	WIRE, JUMPER - PANEL LIGHT SWITCH TO DC MAIN SWITCH	1
3	VG-7573	WIRE, JUMPER - KEY SWITCH TO DC MAIN SWITCH	1
4	VF-9586	WIRE, HEADLIGHT SWITCH GROUND	1
5	VF-9587	WIRE, JUMPER - KEY SWITCH TO HEADLIGHT SWITCH	1
6	SV-840	WIRE, JUMPER - STEERING SWITCH TO WARNING LIGHT	1
7	VG-7574	WIRE, JUMPER - KEY SWITCH TO STARTER SWITCH	1
8	VF-7824	INSULATION, INSTRUMENT PANEL	1
9	VF-2182	WIRE, JUMPER - STEERING SWITCH TO HOIST SWITCH	1
10	VF-2183	WIRE, JUMPER - APRON & TAILGATE SWITCHES	1
11	TD-9747	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
12	TF-4107	HOSE ASSEMBLY - 1/4" x 8" - AIR PRESSURE GAGE TO HORN VALVE ..	1
13	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20NF	5
14	TD-9196	ELBOW - 1/8" x 45°	2
15	DD-4242	TEE, STREET - 1/8"NPT	1
16	TF-8463	LIGHT, INSTRUMENT PANEL	1
17	SP-8443	BULB, INSTRUMENT PANEL LIGHT	1
18	D-2779	WASHER, LOCK	2
19	TL-2157	GAGE, TRANSMISSION OIL PRESSURE	1
20	DL-4714	GAGE, WATER TEMPERATURE	1
21	HD-6483	GAGE, ENGINE OIL PRESSURE	1
22	SF-8798	ELBOW, STREET - 1/8"NPT x 45°	1
23	C-1231	COUPLING, PIPE - 1/8"NPT	2
24	SV-9125	VALVE, HORN	1
25	TC-5004	SWITCH, CONTROL (See Index)	4
	DC-5004	SCREW, MACHINE - #12-24NC x 1/2"	8
26	SV-2708	GAGE, TRANSMISSION TEMPERATURE	1
27	TR-2181	TACHOMETER, HOURMETER	1
	TR-4904	TACHOMETER, SPEEDOMETER (Optional)	1
28	TR-4923	ADAPTOR, TACHOMETER	1
29	SV-1468	CABLE, TACHOMETER	1
30	SR-8325	SWITCH, PANEL & REAR LIGHT	1
31	DC-5636	SWITCH, STARTER	1
32	SF-5676	SCREW, MACHINE - #12-24NC x 3/8"	7
33	VF-1691	LIGHT, WARNING	1
34	TG-1342	BULB, WARNING LIGHT	1
35	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	2
36	SV-6749	SWITCH, HEADLIGHT	1
37	HE-5710	SWITCH, D.C. MAIN	1
38	SP-8960	GASKET, RUBBER	1
39	SG-2106	SCREW - #6-32NC x 1/2"	2
40	HC-8538	AMMETER	1
41	HC-8563	GAGE, AIR PRESSURE	1
42	D-9862	NIPPLE, PIPE - 1/8"NPT	1
43	VF-7815	PANEL, INSTRUMENT	1

(EFFECTIVE WITH SERIAL SUFFIX DPA2-H)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 393

BRAKE & CLUTCH CONTROLS

Ref. No.	Part No.	Description	Qty.
1	SG-3404	LEVER	1
2	HC-1424	FOOT PEDAL	2
3	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	2
4	C-312	LOCKWASHER - 3/8"	2
5	C-1521	NUT - 3/8" NC	2
6	SG-3297	CLUTCH LEVER	1
7	C-5799	CAPSCREW - 3/8" NF x 3/4"	1
8	C-1547	WASHER - 3/8" FLAT	1
9	C-312	LOCKWASHER - 3/8"	1
10	SF-4224	SPRING	1
11	H-745	COTTER PIN - 3/32" x 3/4"	1
12	C-1549	WASHER - 1/2" FLAT	1
13	SF-4306	CLUTCH LEVER	1
14	SG-3400	PUSH ROD ASSEMBLY	1
	SG-3401	ROD	1
	D-5434	YOKE	1
15	HC-1096	BRAKE VALVE - SEE INDEX	1
16	SG-3298	PIN	1
17	C-7638	COTTER PIN - 1/8" x 1 1/2"	1
18	C-1596	GREASE FITTING	1
19	E-4162	PIN	1
20	H-745	COTTER PIN - 3/32" x 3/4"	1
		NOT SHOWN	
	C-5747	CAPSCREW - 5/16" NC x 3/4"	2
	C-1538	LOCKWASHER - 5/16"	2
EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-L & DP-M			

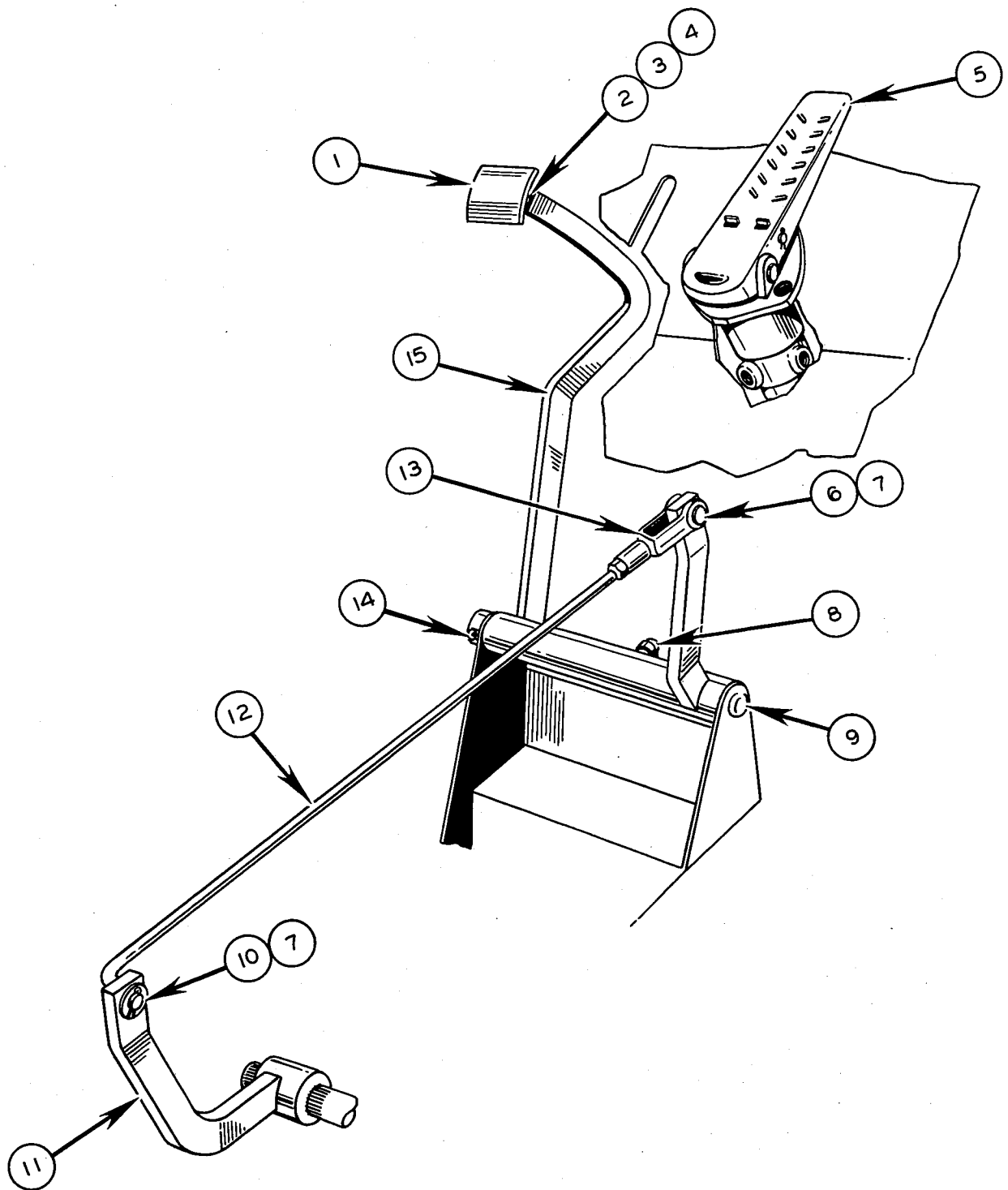


FIGURE 85I
BRAKE & CLUTCH CONTROLS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 851

BRAKE & CLUTCH CONTROLS

Ref. No.	Part No.	Description	Qty.
1	HC-1424	PLATE, FOOT	1
2	C-1604	CAPSCREW - 3/8"NC x 1 1/2"	1
	C-1603	CAPSCREW - 3/8"NC x 1 1/4"	1
3	C-312	LOCKWASHER - 3/8"	1
4	C-1521	NUT - 3/8"NC	1
5	SL-9943	VALVE, TREADLE (See Index) (Effective thru Serial Suffix DPF2-J)	1
	VF-6236	VALVE, TREADLE (See Index) (Effective with Serial Suffix DPF2-K)	1
	C-1598	CAPSCREW - 5/16"NC x 1"	3
	C-1538	LOCKWASHER - 5/16"	3
	C-1520	NUT - 5/16"NC	3
6	E-4162	PIN	1
7	D-4098	PIN, COTTER - 3/32" x 1"	2
8	C-1596	FITTING, GREASE	1
9	SG-3298	PIN (Effective thru Serial Suffix DP-R, DPS, DPF2-A)	1
	TG-8121	PIN (Effective with Serial Suffix DPF2-B & Up)	1
10	C-1549	WASHER - 1/2"	1
11	SF-4306	LEVER, CLUTCH (Effective thru Serial Suffix DP-R & DPS)	1
	TG-1298	LEVER, CLUTCH (Effective with Serial Suffix DPF2 & Up)	1
	TG-5005	SPACER (Effective with Serial Suffix DPS only)	1
12	TC-2102	ROD ASSEMBLY, PUSH	1
	TC-2103	PUSH ROD	1
13	D-5434	YOKE	1
14	C-2303	PIN, COTTER - 1/8" x 1" (Effective thru Serial Suffix DP-R, DPS, DPF2-A) ...	1
	D-1782	PIN, COTTER - 3/16" x 2" (Effective with Serial Suffix DPF2-B & Up)	1
15	TC-2104	LEVER (Effective thru Serial Suffix DP-R, DPS, DPF2-A)	1
	TH-5535	LEVER (Effective with Serial Suffix DPF2-B & Up)	1
(EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N thru DP-R, DPS, DPF2 & UP)			

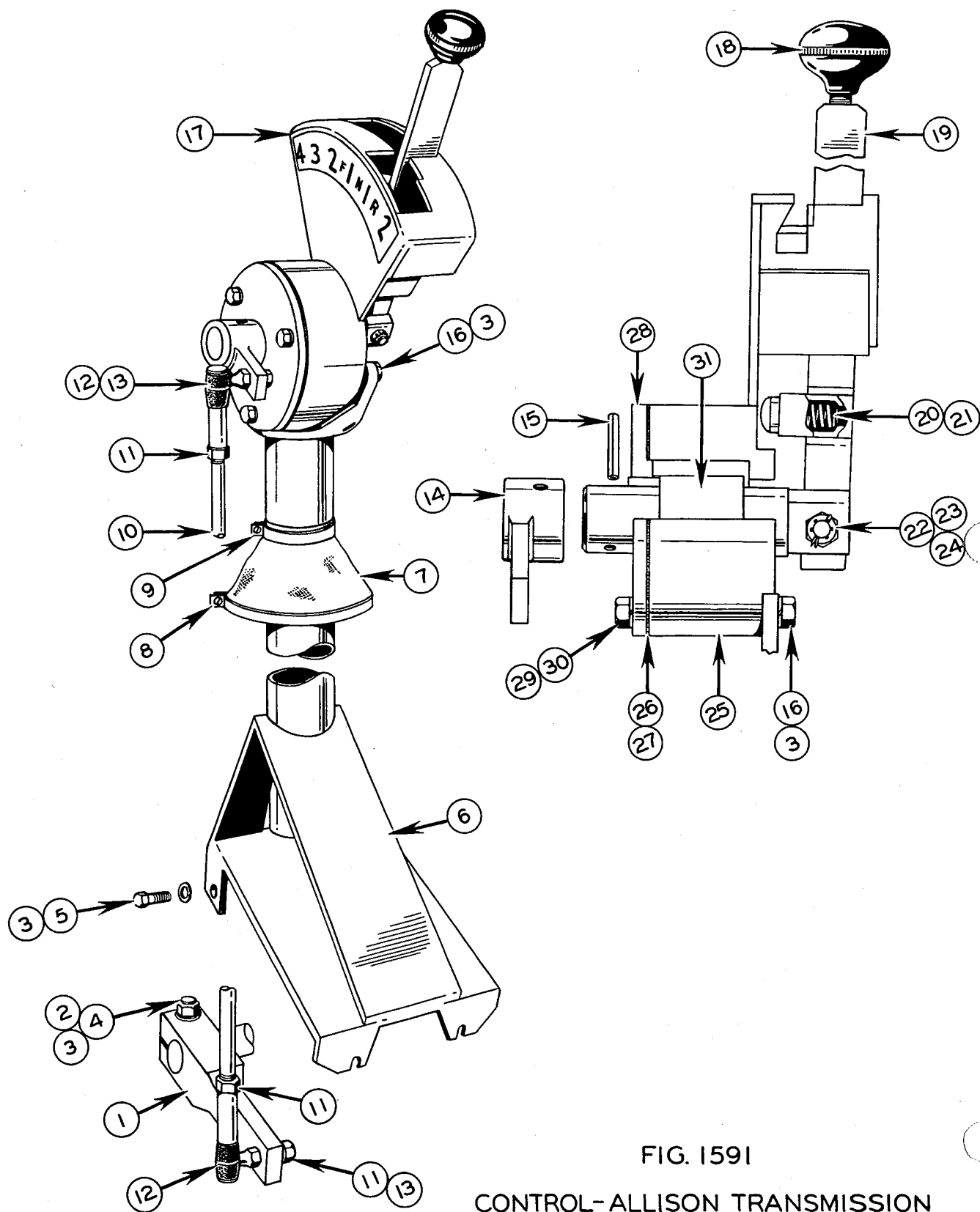


FIG. 1591
CONTROL-ALLISON TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1591

CONTROL - ALLISON TRANSMISSION

Ref. No.	Part No.	Description	Qty.
1	TF-9592	LEVER	1
2	H-595	CAPSCREW - 3/8" - 16 NC x 2 1/2"	1
3	C-312	LOCKWASHER - 3/8"	6
4	C-1521	NUT - 3/8" - 16 NC	1
5	DC-7524	CAPSCREW - 3/8" - 16 NC x 3/4"	2
6	TF-9208	TOWER	1
7	TD-4469	BOOT	1
8	HE-5115	CLAMP	1
9	HC-920	CLAMP	1
10	TH-4047	ROD	1
11	C-1524	NUT - 1/2" - 20 NF	4
12	TD-4474	BALL JOINT - 1/2"	2
13	C-1540	LOCKWASHER - 1/2"	2
14	TG-7452	LEVER	1
15	SV-3501	PIN, ROLL - 3/16" O.D. x 2"	1
16	C-1602	CAPSCREW - 3/8" - 16 NC x 1"	3
17	TH-4046	QUADRANT ASSEMBLY	1
18	SH-2327	BALL	1
19	TD-5601	LEVER	1
20	HC-1185	SPRING	1
21	TD-8798	PLUNGER	1
22	HC-1603	CPASCREW - 3/8" NF x 1 3/4" SPECIAL	1
23	H-5765	NUT, CASTLE - 3/8" NF	1
24	C-2303	PIN, COTTER - 1/8" x 1"	1
25	TH-4049	QUADRANT	1
26	SV-3506	SHIM - .007	AR
27	SV-3507	SHIM - .004	AR
28	SV-2642	COVER	1
29	C-1602	CAPSCREW - 3/8" - 16 x 1"	3
30	C-312	LOCKWASHER - 3/8"	3
31	SV-2636	ACTUATOR	1

(EFFECTIVE WITH SERIAL SUFFIX DPA2 & UP)

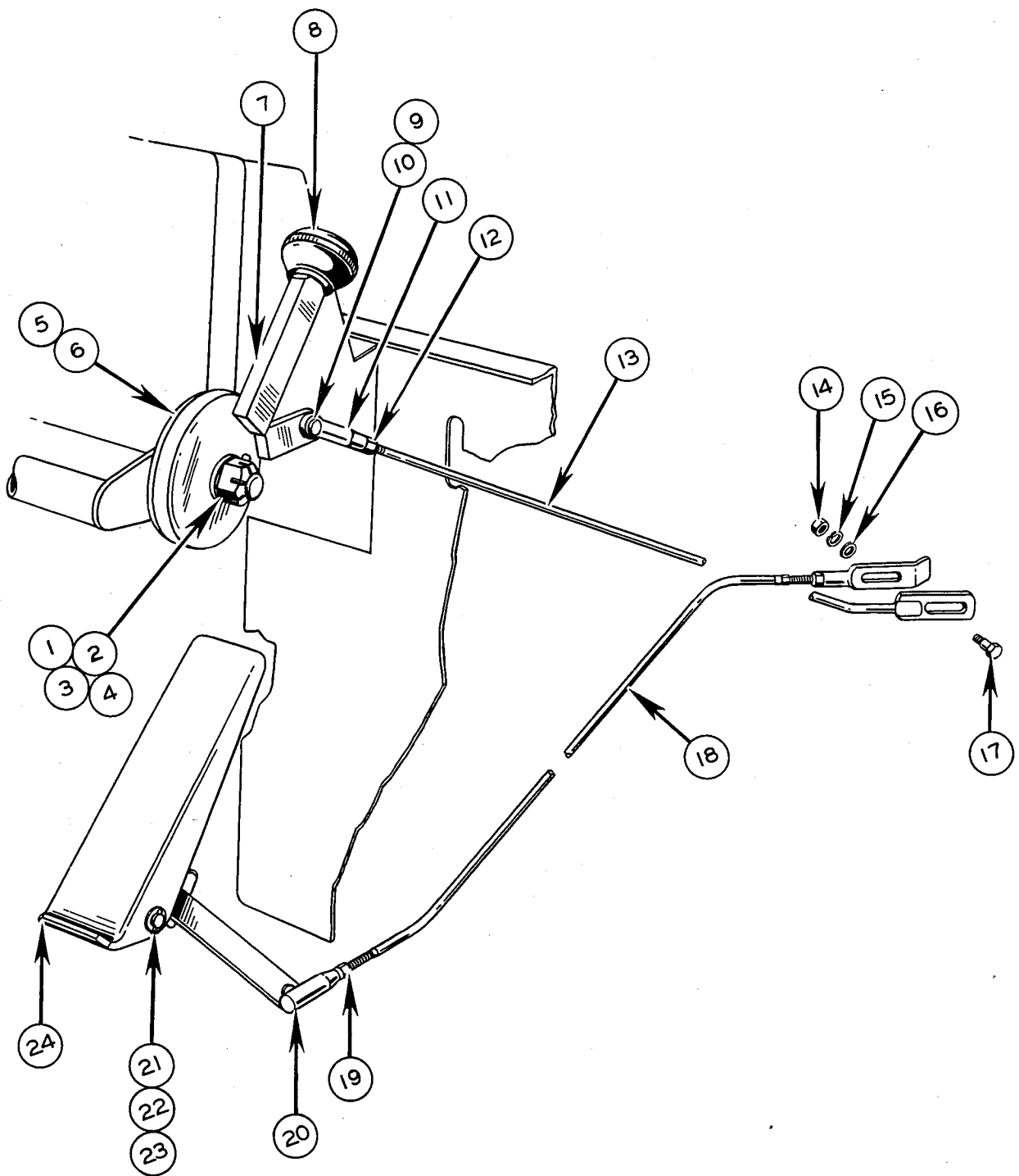


FIG. 831

THROTTLE CONTROLS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 831

THROTTLE CONTROLS

Ref. No.	Part No.	Description	Qty.
1	SG-7802	CAPSCREW	1
2	C-1540	LOCKWASHER - 1/2"	1
3	D-7832	NUT	1
4	C-7638	COTTER PIN - 1/8" x 1 1/2"	1
5	HC-1169	FRICTION DISC	1
6	HC-7546	ADAPTOR DISC	1
7	SG-6063	LEVER	1
8	HC-1170	KNOB	1
9	H-2220	PIN	1
10	D-4098	COTTER PIN - 3/32" x 1"	1
11	H-2224	CLEVIS	1
12	C-1522	NUT - 3/8" NF	1
13	SG-6067	ROD	1
	SP-8340	ROD (Effective with Serial Suffix DP-B Only)	1
14	C-9656	NUT - 5/16" NF	1
15	CD-296	LOCKWASHER - 5/16"	1
16	DF-3042	WASHER - 3/8" FLAT	2
17	SH-1710	BOLT	1
18	SG-3402	THROTTLE ROD	1
	SP-8338	THROTTLE ROD (Effective with Serial Suffix DP-B Only)	1
19	C-9656	NUT - 5/16" NF	1
20	S-1357	BALL & SOCKET	1
21	R-6888	PIN	1
22	C-1547	WASHER - 3/8"	3
23	H-745	COTTER PIN - 3/32" x 3/4"	1
24	SG-3299	PEDAL	1
NOTE: HAND THROTTLE ASSEMBLY INCLUDES REF. NOS. 1 THRU 17. OPTIONAL WITH SCRAPER AND STANDARD WITH CRANE, REAR DUMP & LOGGING ARCH.			
(EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-L & DP-M)			

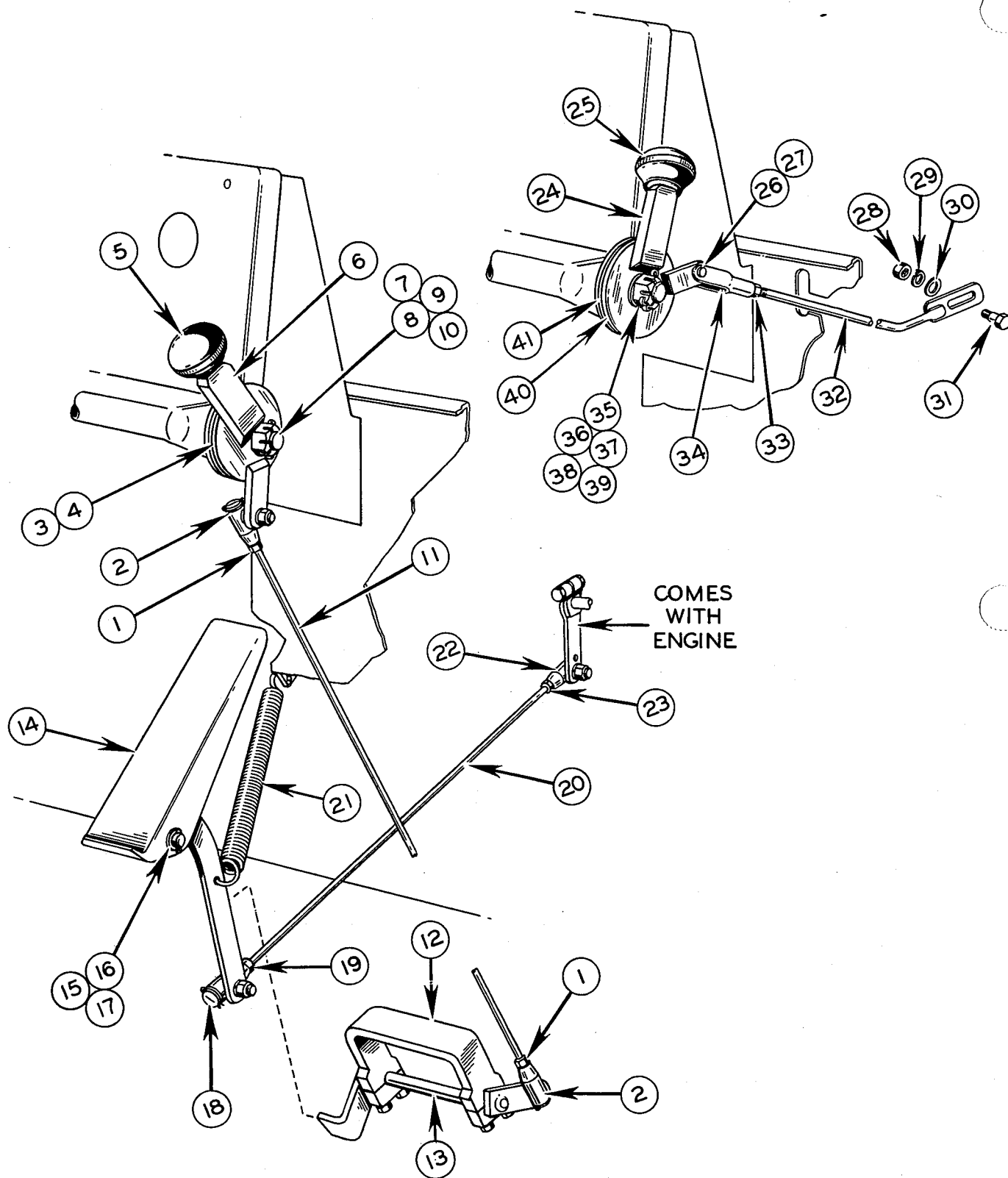


FIG. 382

THROTTLE CONTROLS

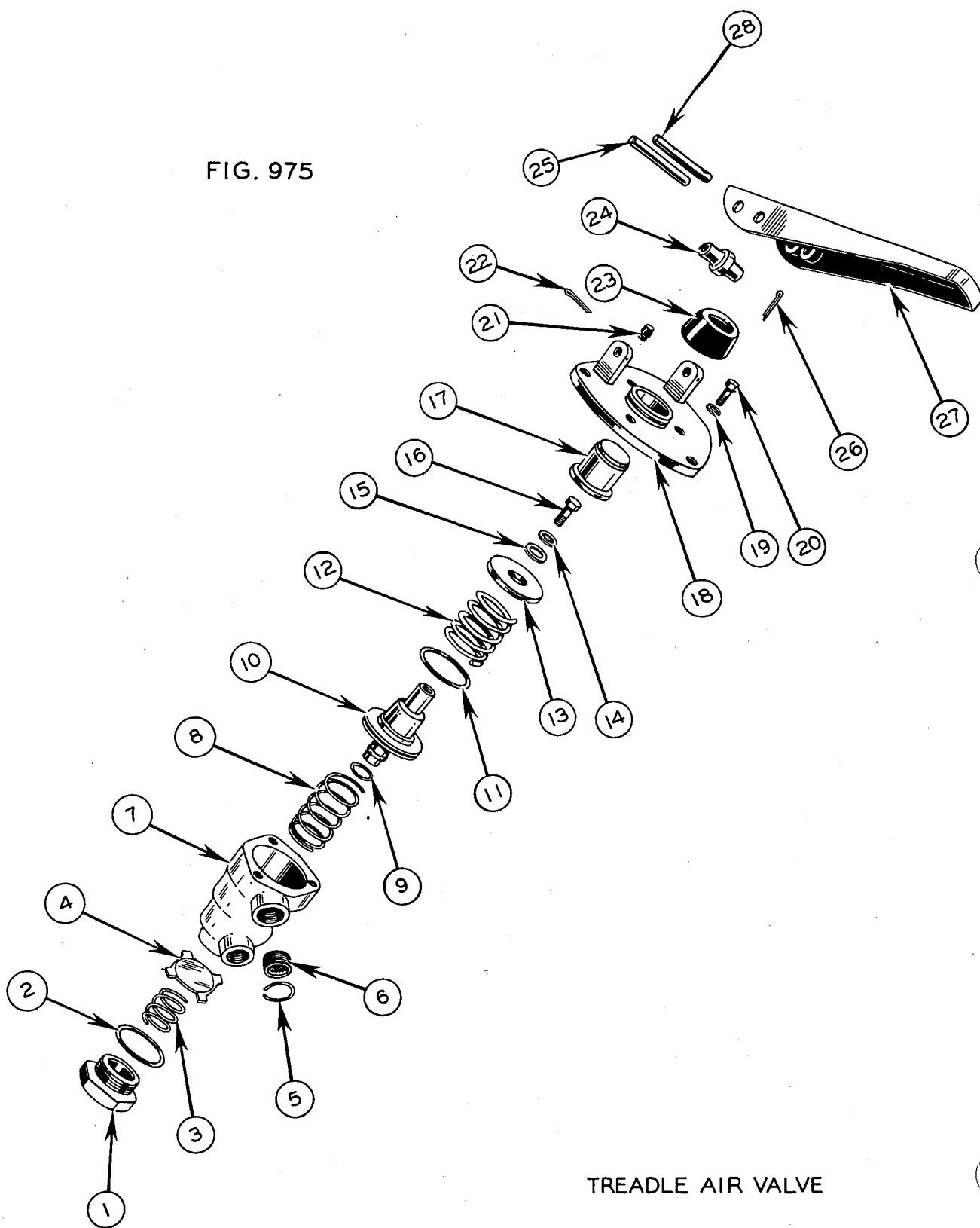
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 382

THROTTLE CONTROLS

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	SF-4358	Nut, Jam - 5/16" NF	2	21	C-71	Spring	2
	S-1357	Ball & Socket	2	22	S-1357	Ball & Socket	1
	C-1538	Lockwasher - 5/16"	2		C-1538	Lockwasher - 5/16"	1
	C-9656	Nut - 5/16" NF	2		C-9656	Nut - 5/16" nf	1
	HC-7546	Disc, Adaptor	1	23	SF-4358	Nut, Jam - 5/16" nf	1
	HC-1169	Disc, Friction	1	24	SG-6063	Arm, Throttle	1
	HC-1170	Ball	1	25	HC-1170	Ball	1
	TC-2921	Arm, Throttle	1	26	H-2220	Pin, Clevis	1
	SG-7802	Capscrew - 1/2" nc x 2" Drilled	1	27	H-745	Pin, Cotter - 3/32" x 3/4"	1
	C-1540	Lockwasher - 1/2"	1	28	C-9656	Nut - 5/16" nf	1
	D-7832	Nut - 1/2" nc Slotted	1	29	C-1538	Lockwasher - 5/16"	1
	C-7638	Pin, Cotter - 1/8" x 1 1/2"	1	30	DF-3042	Washer	2
	TC-999	Rod, Hand Throttle	1	31	SH-1710	Capscrew	1
	SP-4430	Bracket	1	32	TF-1405	Rod, Throttle - Hand #	1
	SP-4432	Crank	1		TG-625	Rod, Throttle - Hand %	1
	TC-2918	Pedal *	1		TH-5523	Rod, Throttle - Hand π	1
	TD-9169	Pedal **	1	33	C-1522	Nut - 3/8" nf	1
	TH-5526	Pedal ç	1	34	H-2224	Clevis	1
	R-6888	Pin	1	35	SG-7802	Capscrew #	1
	C-1547	Washer - 3/8" Flat	1	36	TL-5559	Capscrew ##	1
	D-4098	Pin, Cotter - 3/32" x 1"	1		C-1549	Washer	1
	S-1357	Ball & Socket	1	37	C-1540	Lockwasher - 1/2"	1
	C-1538	Lockwasher - 5/16"	1	38	D-7832	Nut, Slotted - 1/2" nc	1
	C-9656	Nut - 5/16" nf	1	39	C-7638	Pin, Cotter - 1/8" x 1 1/2"	1
	SF-4358	Nut, Jam - 5/16" nf	1	40	HC-1169	Disc, Friction	1
	TC-998	Rod, Throttle - GM	1	41	HC-7546	Disc, Adaptor	1
	TH-4324	Rod, Throttle - GM ππ	1			Not Shown	
	TC-2149	Rod, Throttle - Cummins	1		C-1618	Capscrew - 1/2" nc x 2 1/2"	1
	TF-8957	Rod, Throttle - Cummins çç	1		C-1523	Nut - 1/2" nc	1
Hand Throttle Ref. Nos. 1 Thru 13 Used With Cummins Engine. Hand Throttle Ref. Nos. 24 Thru 41 Used With GM Engine. * Effective With Serial Suffix DP-K, DP-N & DP-P. ** Effective With Serial Suffix DP-Q, Thru DP-R, DPS, DPF2 thru DPF2-A. ç Effective With Serial Suffix DPF2-B, DPA2 & Up. # Effective Thru Serial Suffix DPF2-A & DPA2-A. % Effective With Serial Suffix DPF2-B & Up. π Effective With Serial Suffix DPA2-B & Up. ## Effective With Serial Suffix DPF2-B & DPA2-B. çç Effective With Serial Suffix DPF2-D Only. ππ Effective With Serial Suffix DPA2-D & Up.							
(Effective with Serial Suffix DP-K, DP-N, DP-P thru DP-R, DPS, DPF2 & DPA2 & Up)							

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	PIN, COTTER - 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	PIN, COTTER - 3/32" x 5/8"	1
27	SR-7338	TREADLE	1
28	TD-7189	PIN, ROLLER	1
NOTES: SR-8599 PISTON & SPRING ASSEMBLY INCLUDES REF. NOS. 10 & 12 THRU 16. SR-7334 TREADLE ASSEMBLY INCLUDES REF. NOS. 24 & 26 THRU 28. RK-1015 REPAIR KIT INCLUDES REF. NOS. 2 THRU 4, 8 THRU 16, 21 & 23.			
(EFFECTIVE THRU SERIAL SUFFIX DPF2-J & DPA2-G)			

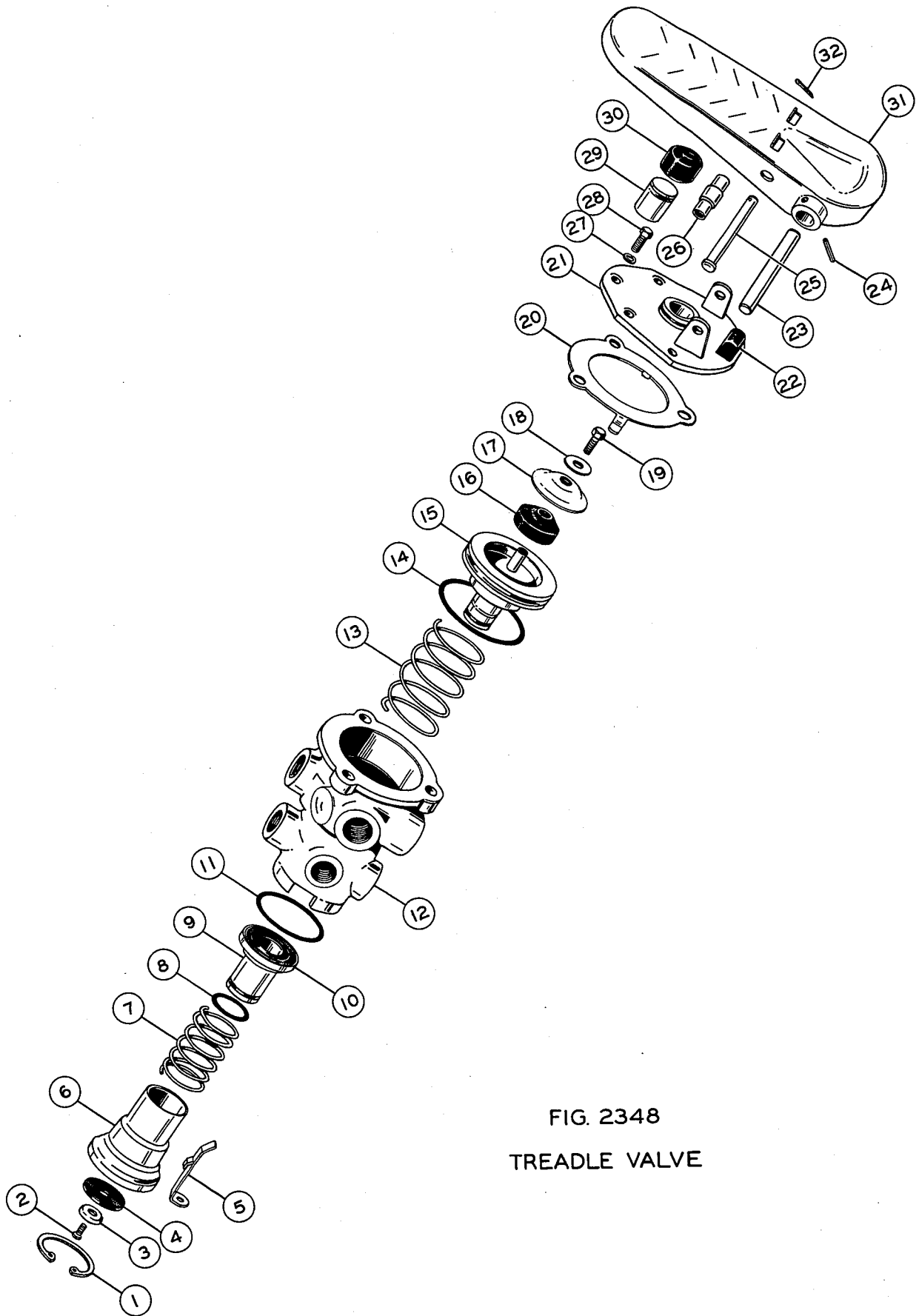


FIG. 2348
TREADLE VALVE

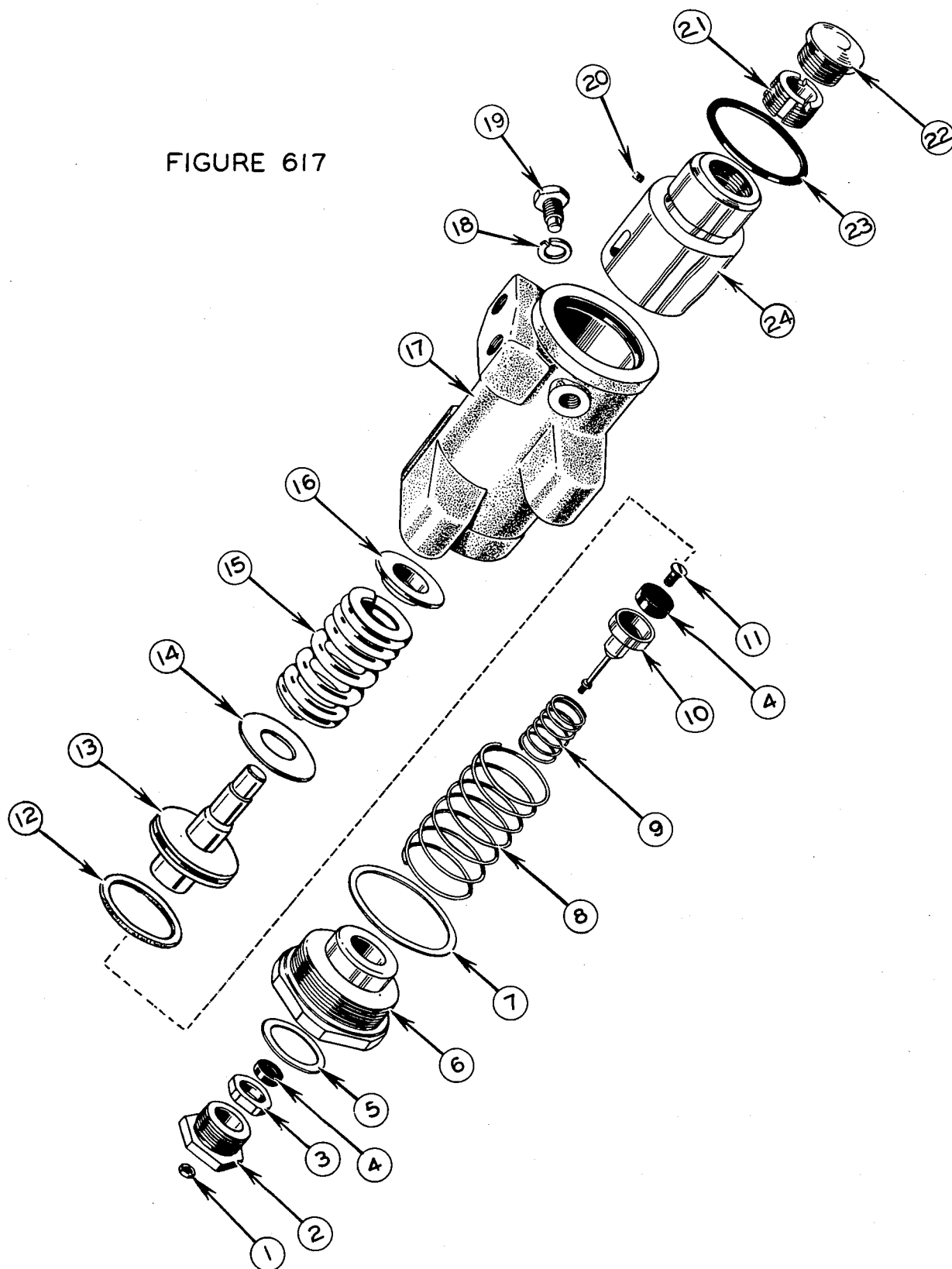
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2348

TREADLE VALVE VF-6236

Ref. No.	Part No.	Description	Qty.
1	VG-3750	VALVE, BASIC	1
	VG-3781	RING, RETAINER	1
	VG-3751	VALVE ASSEMBLY, INLET EXHAUST	1
2	VG-3780	SCREW - #8-32	1
3	VG-3779	WASHER, DIAPHRAGM	1
4	VG-3754	DIAPHRAGM	1
5	VG-3753	SPRING, INLET VALVE PRELOAD	1
6	VG-3752	SEAT, EXHAUST CHECK VALVE	1
7	VG-3758	SPRING, VALVE	1
8	TH-3883	GROMMET	1
9	VG-3756	VALVE, INLET & EXHAUST	1
10	VG-3757	RETAINER, VALVE	1
11	VG-3755	GROMMET	1
12	VG-3778	BODY	1
13	SR-8598	SPRING, RETURN	1
14	VG-3767	GROMMET, PISTON	1
	VG-3761	PISTON ASSEMBLY	1
15	VG-3762	PISTON	1
16	VG-3763	SPRING, RUBBER	1
17	VG-3764	SEAT, SPRING	1
18	VG-3765	WASHER, SPECIAL	1
19	VG-3766	CAPSCREW - 1/4" - 20NC	1
20	VG-3768	RETAINER	1
21	VG-3777	PLATE, MOUNT	1
22	VG-3770	BUTTON, STOP	1
23	VG-3775	PIN, FULCRUM	1
24	VG-3776	PIN, ROLL	1
25	VG-3774	PIN, ROLLER *	1
26	VG-3773	ROLLER *	1
27	SG-1184	LOCKWASHER - 5/16"	3
28	SH-5979	CAPSCREW - 5/16" - 18NC	3
29	VG-3771	PLUNGER	1
30	TF-9803	BOOT	1
31	VG-3772	TREADLE ASSEMBLY	1
32	TD-7181	PIN, COTTER - 3/32" *	1
NOT SHOWN & NOT INCLUDED IN ASSEMBLY			
	C-1598	CAPSCREW - 5/16" - 18NC x 1" } Mounting	3
	C-1538	LOCKWASHER - 5/16" } Hard-	3
	C-1520	NUT - 5/16" - 18NC } ware	3
* INCLUDED IN VG-3772 TREADLE ASSEMBLY. RK-1180 REPAIR KIT CONSISTS OF REF. NOS. 4, 5, 7 THRU 11, 14, 16 & 30.			
(EFFECTIVE WITH SERIAL SUFFIX DPA2-H & DPF2-K)			

FIGURE 617



AIR VALVE

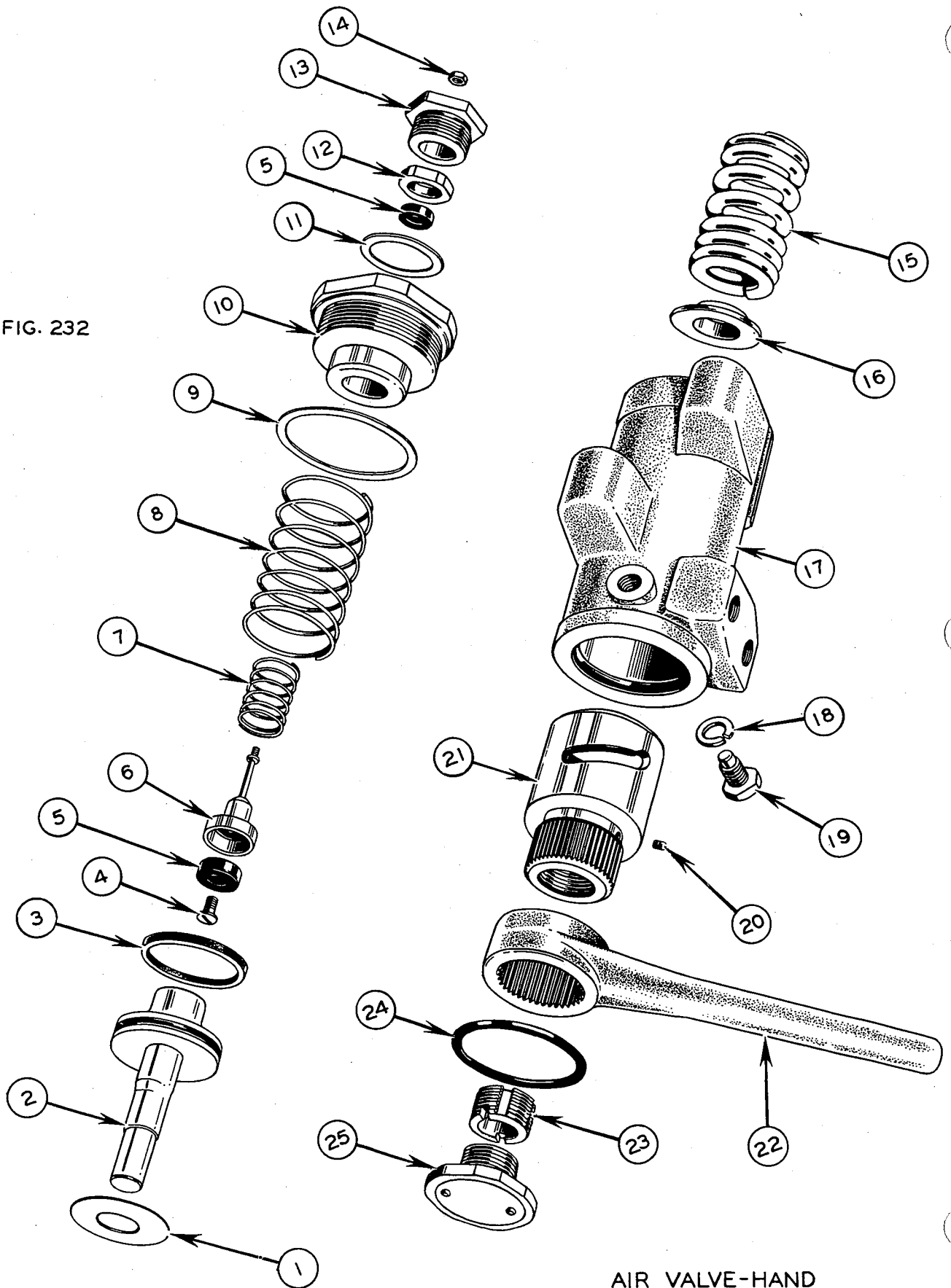
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 617

BRAKE AIR VALVE ASSEMBLY HC-1096

Ref. No.	Part No.	Description	Qty.
1	R-2639	NUT	1
2	SD-5439	PLUG	1
3	SD-5446	BODY	1
4	SD-6277	INSERT	1
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	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	2
19	SD-6287	PIN	2
20	SD-6289	SETSCREW	2
21	SD-6290	GUIDE	1
22	HC-1421	BUTTON	1
23	SD-6288	"O" RING	1
24	SD-6279	CAM	1
(EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-L & DP-M)			

FIG. 232



AIR VALVE-HAND

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 232

HAND AIR VALVE ASSEMBLY CD-1 633

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 & LOGGING ARCH)			

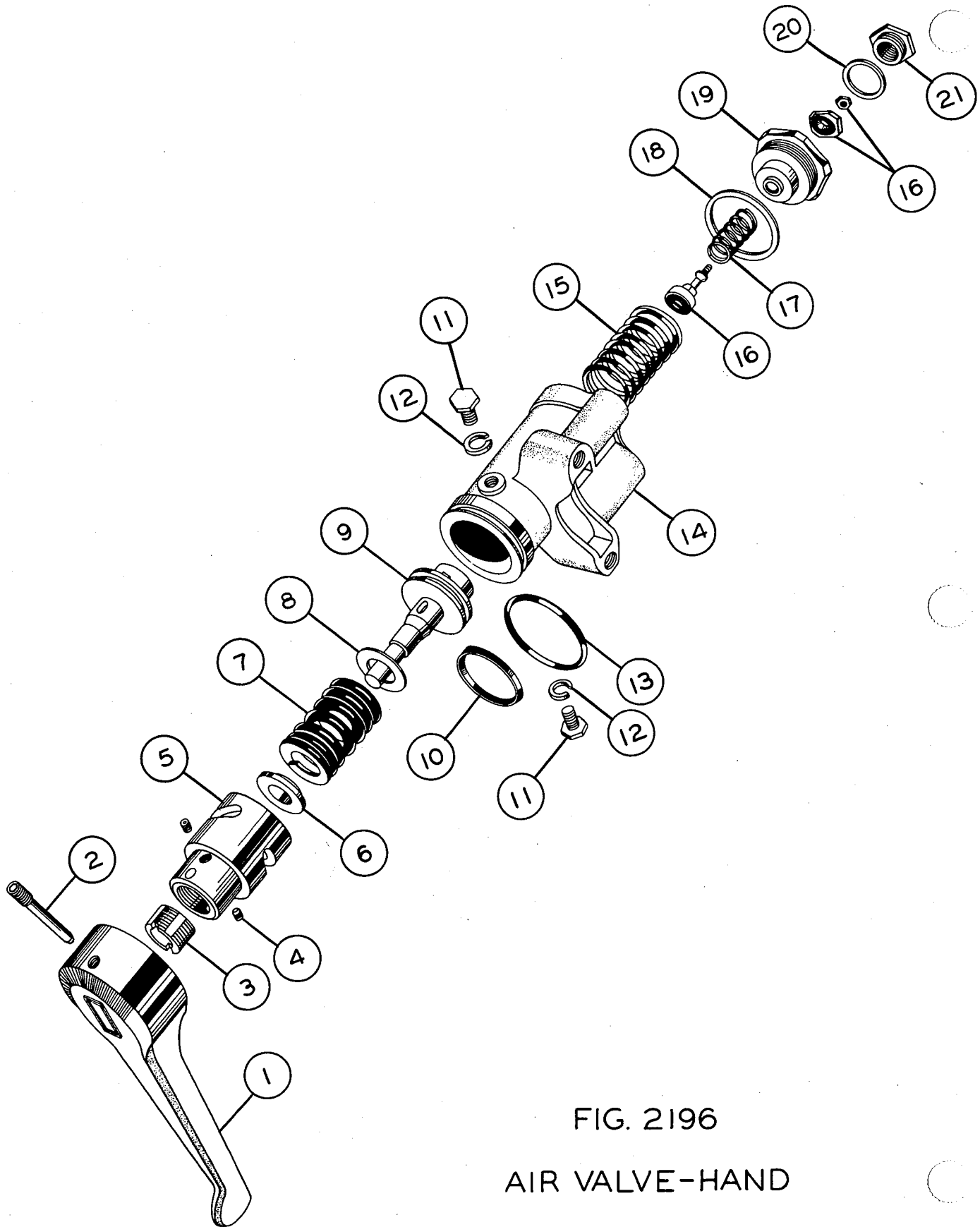


FIG. 2196
AIR VALVE-HAND

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2196

HAND AIR VALVE ASSEMBLY VD-8469

Ref. No.	Part No.	Description	Qty.
1	VF-5464	HANDLE	1
2	VF-5465	PIN	1
3	SD-6290	GUIDE	1
4	SD-6289	SETSCREW	2
5	VF-5463	CAM	1
6	SD-6281	RETAINER, SPRING	1
7	SD-6280	SPRING, METERING	1
8	SD-6282	WASHER	1
9	TH-4541	PISTON & CUP ASSEMBLY	1
10	SV-4729	CUP	1
11	VF-5462	PIN, CAM	2
12	C-1538	LOCKWASHER - 5/16"	2
13	TH-4546	"O" RING	1
14		HOUSING (Not Serviced)	1
15	SD-5443	SPRING, PISTON RETURN	1
16	TL-2586	VALVE, INLET & EXHAUST	1
17	SD-5448	SPRING	1
18	SD-5442	GASKET, VALVE BODY CAP	1
19	VF-5461	CAP, VALVE HOUSING	1
20	SD-5440	GASKET, INLET PORT CAP	1
21	VF-5459	CAP, INLET PORT	1
NOTE: TG-2520 REPAIR KIT INCLUDES REF. NOS. 10,13,16,18 & 20.			

FIG. 1560 A

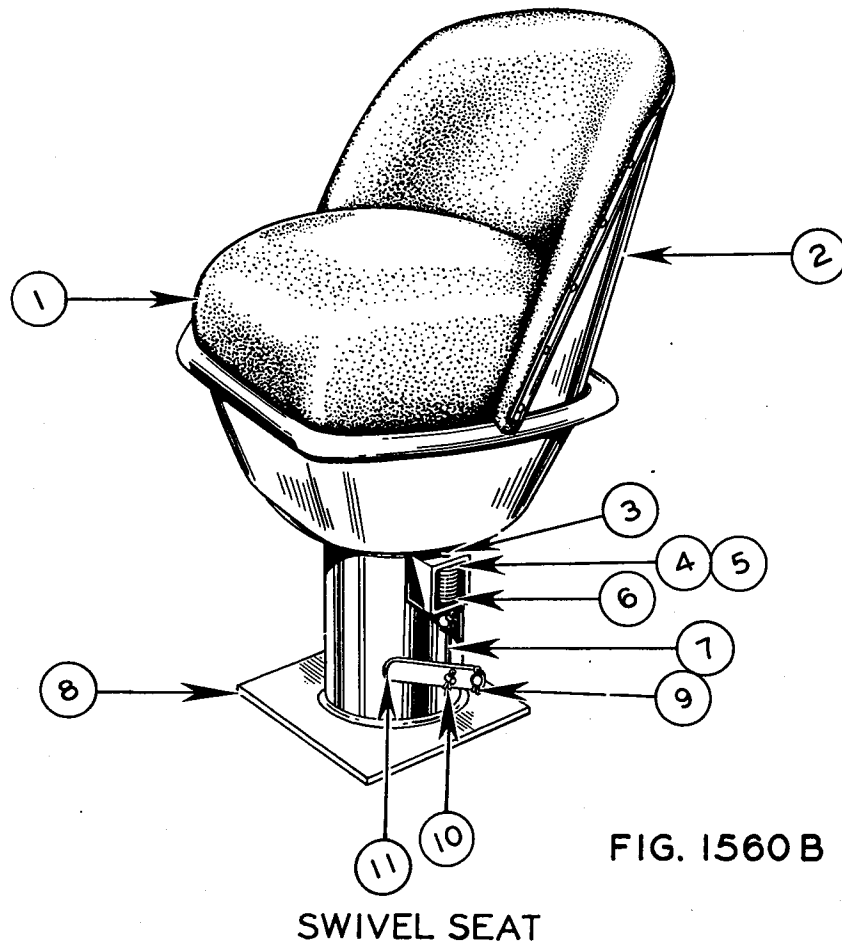
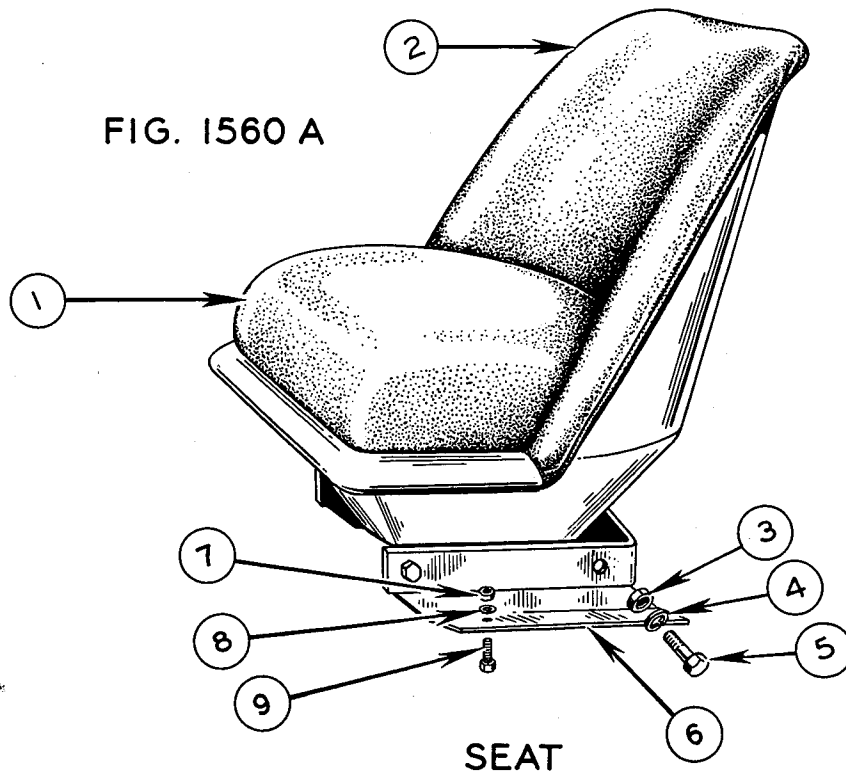


FIG. 1560 B

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1560A

SEAT ASSEMBLY SG-7177 VD-7088 *

Ref. No.	Part No.	Description	Qty.
1	SF-7849	CUSHION	1
2	SH-7720	SEAT	1
	VD-7083	SEAT, HOT WEATHER *	1
3	C-1523	NUT - 1/2"NC	4
4	C-1540	LOCKWASHER - 1/2"	4
5	C-1612	CAPSCREW - 1/2"NC x 1"	4
6	TH-1966	ANGLE, SUPPORT - L.H.	1
	TH-1967	ANGLE, SUPPORT - R.H.	1
7	C-1520	NUT - 5/16"NC } (Effective with Serial Suffix DPF2-B,	4
8	C-1538	LOCKWASHER - 5/16" } DPA2 & up)	4
9	C-5747	CAPSCREW-5/16"NC x 3/4" }	4
NOT SHOWN & NOT INCLUDED			
	VD-7081	COVER, SEAT - HOT WEATHER *	1
	SL-720	COVER, SEAT	1
* VD-7088 HOT WEATHER SEAT ASSEMBLY - OPTIONAL.			

FIGURE 1560B

SEAT ASSEMBLY SH-9201

1	SF-7849	CUSHION	1
2	SH-9220	SEAT	1
3	SH-8842	PIN	1
4	SG-8845	PIN	1
5	DD-5640	WASHER - 1/2"	1
6	SH-8447	SPRING	1
7	SH-8846	LINK	1
8	SH-8839	BASE	1
9	C-1555	PIN, COTTER - 5/32" x 1"	1
10	D-4097	PIN, COTTER - 1/16" x 1"	1
11	SH-8847	LEVER	1
NOT SHOWN			
	SL-720	COVER, SEAT	1
	SL-8838	SUPPORT - FRONT } (Not Included in	1
	SL-8841	SUPPORT - REAR } Assembly)	1
(OPTIONAL)			

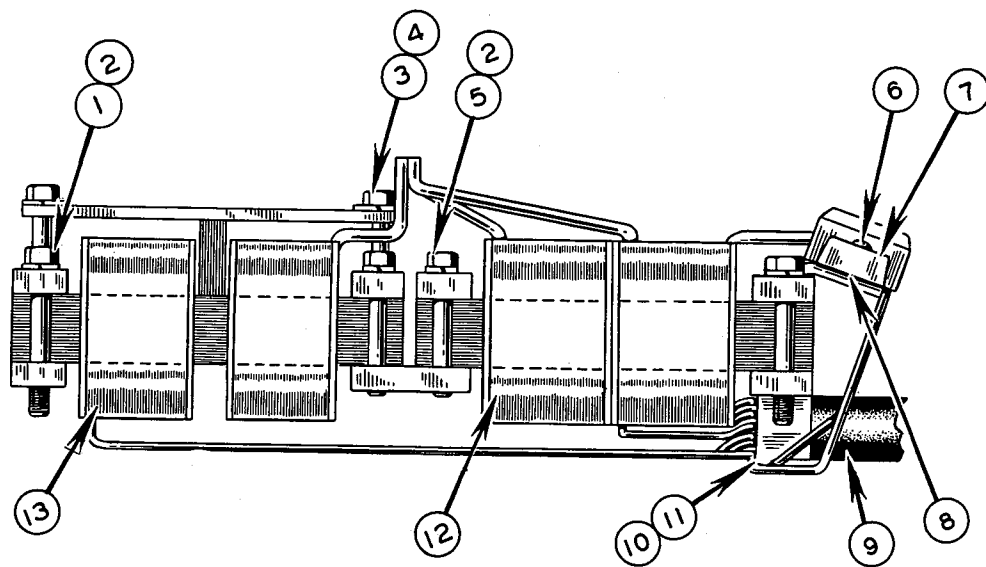


FIG. 394A
TRANSFORMER

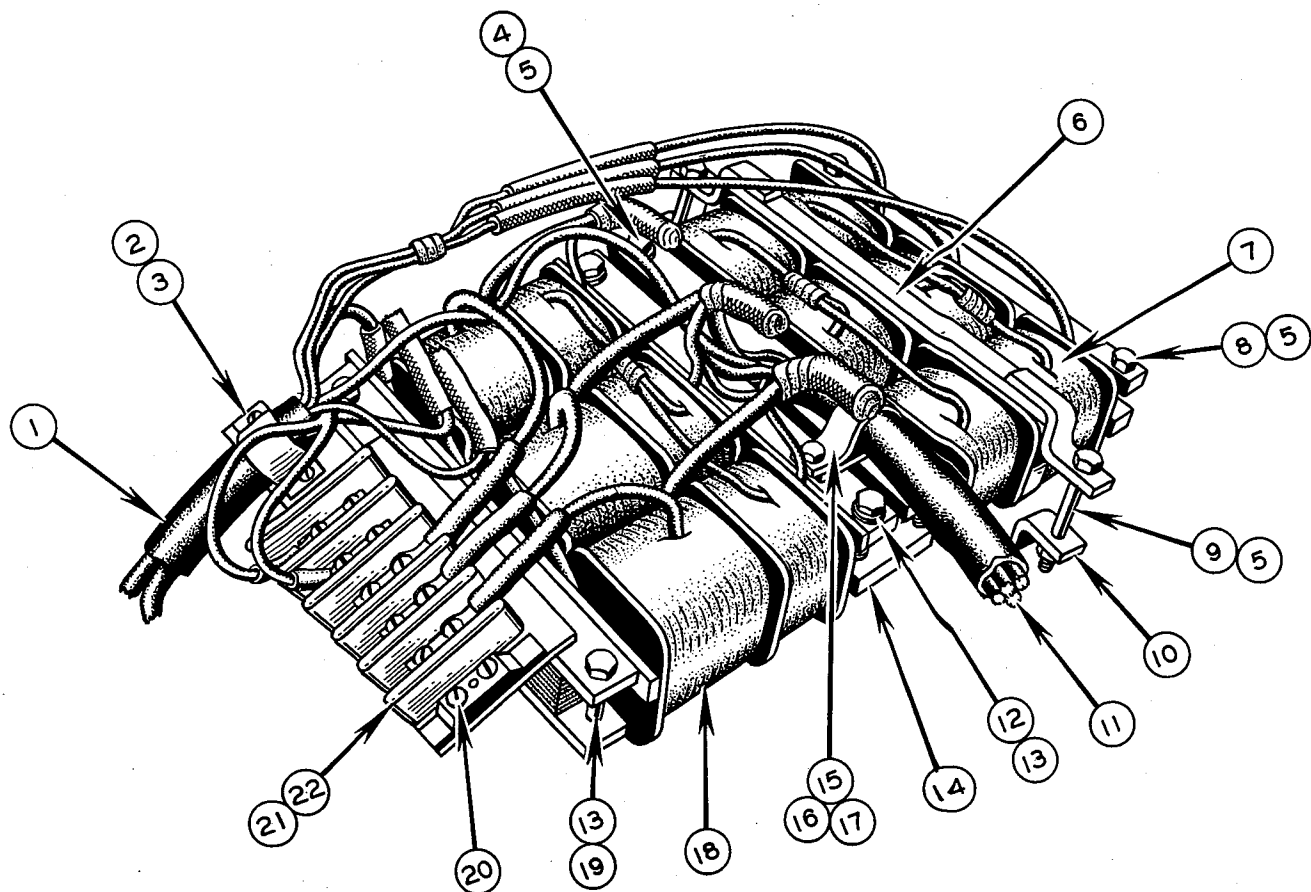


FIG. 394B
TRANSFORMER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 394A

TRANSFORMER ASSEMBLY DF-9431*
SR-4514**

Ref. No.	Part No.	Description	Qty.
1	SR-4506	CAPSCREW - 3/8" - 16NC x 3"	4
2	C-312	LOCKWASHER - 3/8"	8
3	C-1599	CAPSCREW	2
4	E-3735	WASHER	2
5	H-595	CAPSCREW - 3/8" - 16NC x 2 1/4" (Used with DF-9431 Transformer) ...	4
	C-5751	CAPSCREW - 3/8" - 16NC x 3" (Used with SR-4514 Transformer)	4
6	DC-1973	SCREW - #10-24 x 3/4"	2
7	DC-7890	STRIP, TERMINAL	1
8	DC-4084	STRIP, INSULATION	1
9	DF-9547	CABLE	1
10	DH-742	CLAMP	1
11	DC-5004	SCREW	2
12	DF-8958	TRANSFORMER, CONSTANT VOLTAGE	1
13	DF-8538	TRANSFORMER, MAIN (Used with DF-9431 Transformer)	1
	DF-8534	SHIM, BRIDGE	AR
	SR-4512	TRANSFORMER, MAIN (Used with SR-4514 Transformer)	1
	DL-1805	SHIM, BRIDGE	AR
* EFFECTIVE WITH SERIAL SUFFIX DP THRU DP-H.			
** EFFECTIVE WITH SERIAL SUFFIX DP-J THRU DP-P.			

FIGURE 394B

TRANSFORMER ASSEMBLY DL-1342*
TH-78**

1	DL-1972	CABLE - TRANSFORMER TO RECTIFIER *	1
	TH-76	CABLE - TRANSFORMER TO RECTIFIER **	1
2	DF-599	CLAMP	1
3	DF-4943	SCREW, MACHINE - #10-24 x 1/4"	2
4	C-5751	CAPSCREW - 3/8" - 16NC x 2 1/2"	2
5	C-312	LOCKWASHER - 3/8"	6
6	TD-9421	BRIDGE, FLUX - TOP	1
7	DL-1878	TRANSFORMER, MAIN - SEE NOTE	1
	DL-1805	SHIM, BRIDGE	AR
8	SR-4506	CAPSCREW - 3/8" - 16NC x 3"	2
9	SR-2056	CAPSCREW - 3/8" - 16NC x 3"	2
10	TD-9422	BRIDGE, FLUX - BOTTOM	1
11	DL-1970	CABLE	1
12	H-595	CAPSCREW - 3/8" - 16NC x 2 1/4"	2
13	C-312	LOCKWASHER - 3/8"	4
14	DF-8540	BAR, SPACER	1
15	DL-1977	BAR, SPACER	1
16	SD-7388	CLAMP	1
17	C-5746	CAPSCREW - 1/4" - 20NC x 3/4"	1
18	DL-1961	TRANSFORMER, CONSTANT VOLTAGE - SEE NOTE	1
19	DD-4471	CAPSCREW - 3/8" - 16NC x 3"	2
20	CC-7201	SCREW, MACHINE - 1/4" - 20NC x 3/4"	4
21	SR-8243	STRIP, TERMINAL	1
22	DL-1978	STRIP, INSULATION *	1
	VC-2543	STRIP, INSULATION **	1
NOTE: DL-1878 MAIN TRANSFORMER INCLUDES REF. NOS. 4, 5, 6, 8, 9, 10 & 14.			
DL-1961 CONSTANT VOLTAGE TRANSFORMER INCLUDES REF. NOS. 12, 13 & 19.			
* EFFECTIVE THRU SERIAL SUFFIX DP-R, DPS, DPF2 THRU DPF2-A.			
** EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2 & UP.			
(EFFECTIVE WITH SERIAL SUFFIX DP-Q THRU DP-R, DPS, DPF2, DPA2 & UP.)			

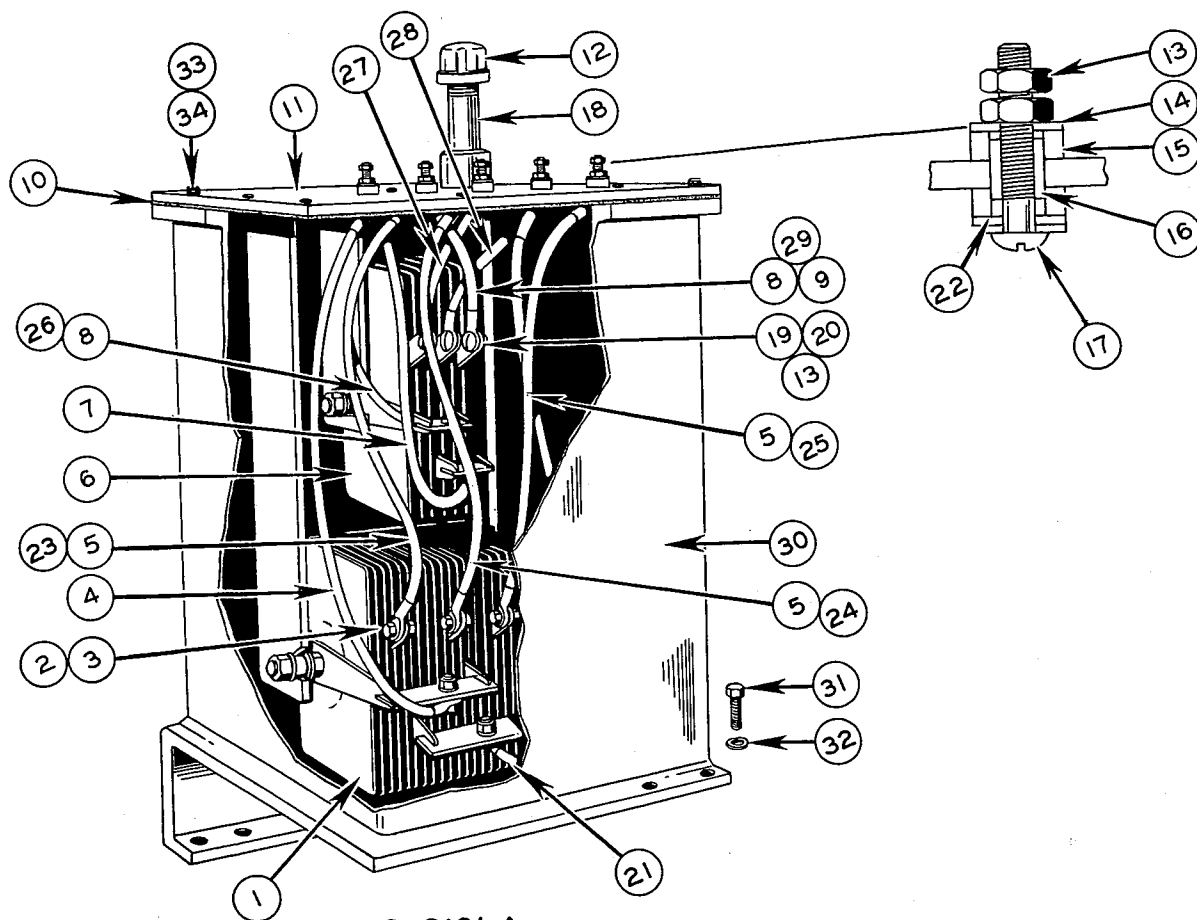


FIG. 2181 A

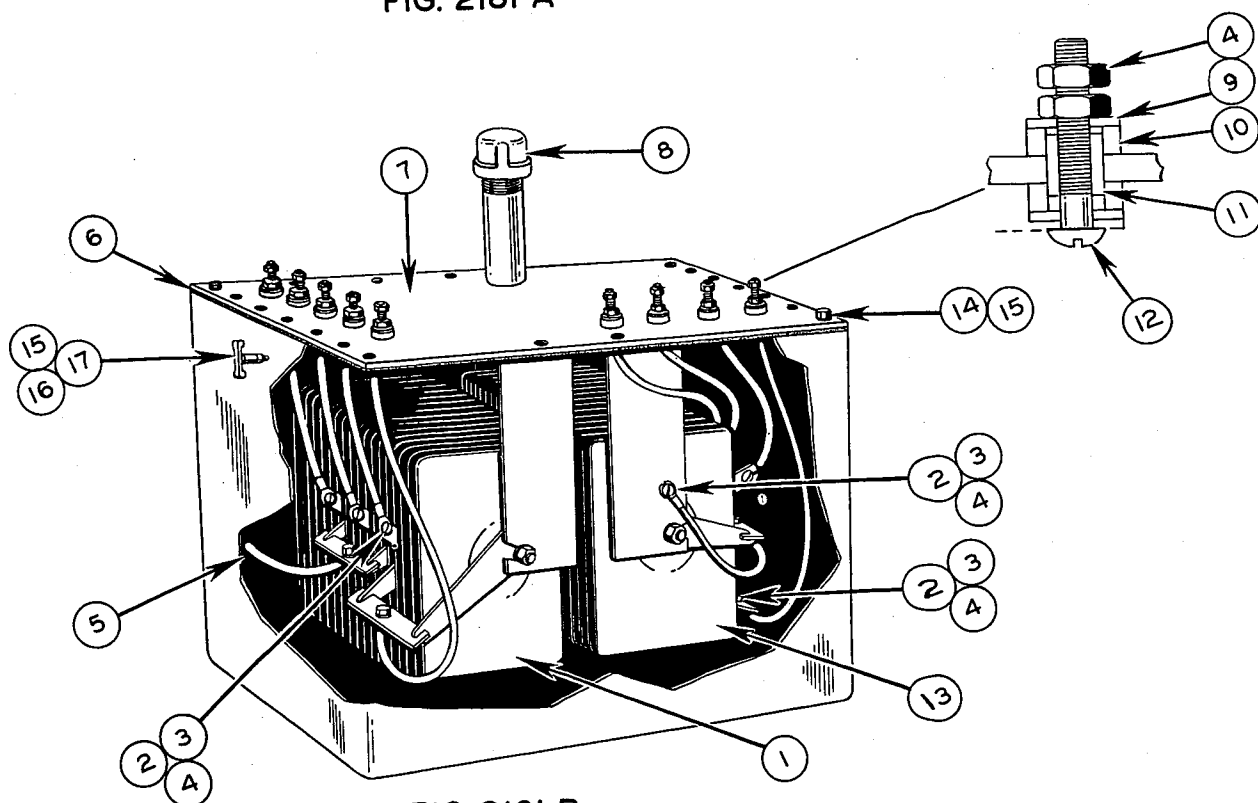


FIG. 2181 B
RECTIFIER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

GURE 2181A

RECTIFIER

f. n.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	VC-2539	Rectifier & Cover Assy. π ...	1		VC-2527	Tube, Insulating π	9
	TL-5570	Rectifier & Cover Assy. ** ...	1	17	SF-5814	Screw, Machine - #12-24 x 1 1/4"(πQty.10) ...	9
	TF-6795	Rectifier, Booster(24 Plate)** ..	1		TL-3661	Nipple - 3/4"npt x 2 1/2"	1
	VC-2730	Rectifier, Booster(24 Plate) π ..	1	18	SH-7597	Capscrew-1/4"-20nc x 1/2" ..	3
	SH-7597	Capscrew-1/4"-20nc x 1/2" ..	8	19	TF-8473	Nut, Flexloc-1/4"-20nc	3
	TF-8473	Nut, Flexloc - 1/4"-20nc ..	8	20	TG-8735	Cable-#8 x 15 1/2" **	1
	TG-8736	Cable - #8 x 14" **	1	21	R-8870	Lockwasher - #12 π	9
	VC-2535	Cable - #8 x 14" π	1	22	VC-2534	Cable - #8 x 11" π	1
	TL-510	Cable - #8 x 11" **	3	23	VC-2517	Cable - #8 x 11" π	1
	SV-8970	Rectifier, Bat. Charger(6 Plate)**	1	24	VC-2518	Cable - #8 x 11" π	1
	VC-2720	Rectifier, Bat. Charger(6 Plate)π	1	25	VC-2520	Cable - #8 x 7 1/2" π	1
	SF-7893	Cable - #8 x 8 1/2" ** ...	1	26	VC-2529	Cable π	1
	SF-7891	Cable - #8 x 5" **	2	27	VC-2531	Cable π	1
	TL-508	Cable - #8 x 3 1/2" ** ...	2	28	VC-2519	Cable - #8 x 6" π	1
	TG-8080	Gasket	1	29	TG-8074	Housing	1
	TG-8076	Cover **	1	30	TR-6401	Housing *	1
	VC-2528	Cover π	1		C-1612	Capscrew - 1/2" - 13nc x 1"	2
	SG-760	Cap, Pipe - 3/4" npt ...	1	31	C-1613	Capscrew-1/2"-13nc x 1 1/4"(*Qty.3)	2
	DC-9400	Nut - #12-24 ..(πQty.20) ...	18	32	C-1540	Lockwasher - 1/2"(*Qty.3) ...	4
	SF-5816	Washer, Flat ..(πQty.20) ...	18	33	C-1602	Capscrew - 3/8"-16nc x 1"	8
	SF-7886	Washer, Insulating	18	34	C-312	Lockwasher - 3/8"	8
	SF-7887	Tube, Insulating **	9				
Notes: * Effective with Serial Suffix DPF2-D Only ** Effective thru Serial Suffix DPF2-H & DPA2-F. π Effective with Serial Suffix DPF2-J & DPA2-G.							
(Effective with Serial Suffix DPF2-B & DPA2-B)							

GURE 2181B

RECTIFIER

	TF-2571	Rectifier & Cover Assy.	1	8	SG-760	Cap, Pipe - 3/4"npt	1
	TF-577	Rectifier, Booster(18 Plate) ..	1	9	SF-5816	Washer, Flat	18
	H-2969	Screw, Machine-#12-24 x 3/8" ..	11	10	SF-7886	Washer, Insulating	18
	R-8870	Lockwasher	11	11	SF-7887	Tube, Insulating	9
	DC-9400	Nut - #12-24	29	12	SF-5814	Screw, Mach.-#12-24 x 1 1/4" .	9
	SF-7891	Cable - #8 x 5"	5	13	SV-8970	Rectifier, Bat. Charger (6 Plate) .	1
	SF-7892	Cable - #8 x 7"	2	14	SF-5813	Capscrew - #10-24 x 3/4"	20
	SF-7893	Cable - #8 x 8 1/2"	3	15	SH-9926	Cock, Drain - 1/8"npt	1
	SF-7884	Gasket	1	16	H-2861	Nipple, Close - 1/8"npt	1
	SG-3366	Cover	1	17	C-1231	Coupling - 1/8"npt	1
(Effective thru Serial Suffix DP-R, DPS, DPF2-A & DPA2-A)							

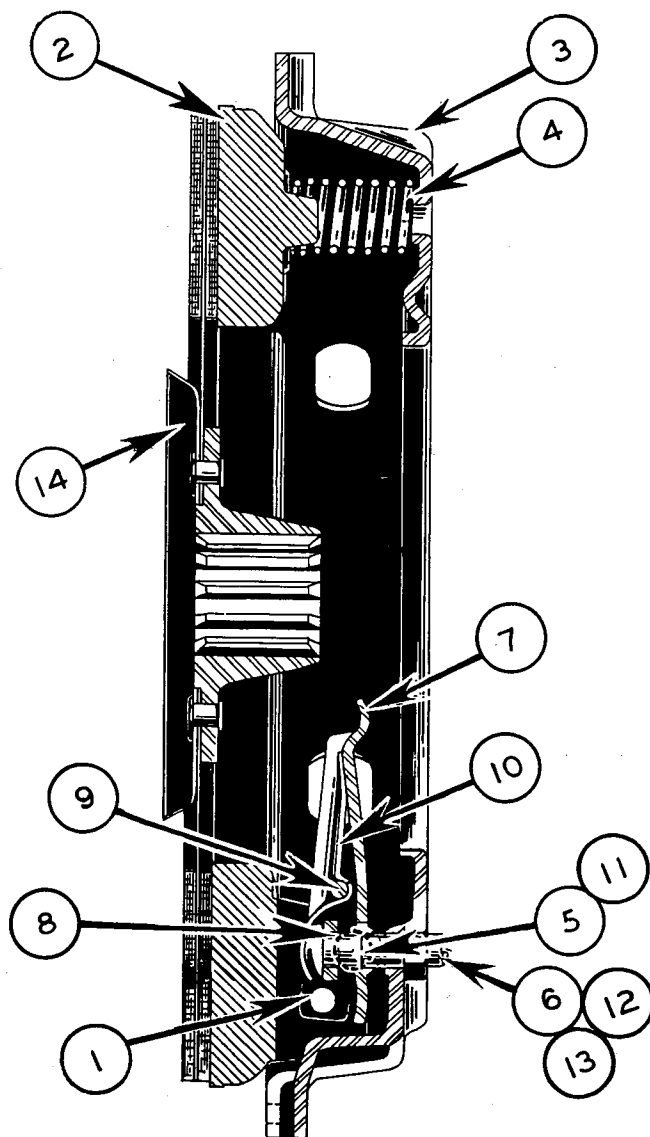


FIG. 396

CLUTCH ASSEMBLY

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 396

CLUTCH ASSEMBLY SF-4329

Ref. No.	Part No.	Description	Qty.
	SF-5327	COVER ASSEMBLY	1
1	SF-5331	PIN, LEVER	3
2	SF-5329	PLATE, PRESSURE	1
3	SF-5328	PLATE, BACKING	1
4	SF-5330	SPRING, PRESSURE	15
5	D-4098	PIN, COTTER - 3/32" x 1"	3
6	H-749	NUT, JAM - 1/2" - 20NF	3
7	SF-5332	LEVER ASSEMBLY	3
8	SF-5336	BLOCK, LEVER	3
9	SF-5338	PIN, SPRING	3
10	SF-5337	SPRING, LEVER	3
11	SF-5335	ROLLER, LEVER	6
12	SF-5334	CAP, ADJUSTING SCREW	3
13	SF-5333	SCREW, ADJUSTING	3
14	SF-5339	MEMBER ASSEMBLY, DRIVEN	1
NOTE: RK-1006 STANDARD ORGANIC LINING & RIVET KIT. RK-1098 OPTIONAL BI-METALLIC LINING & RIVET KIT.			
(EFFECTIVE THRU SERIAL SUFFIX DP-M.)			

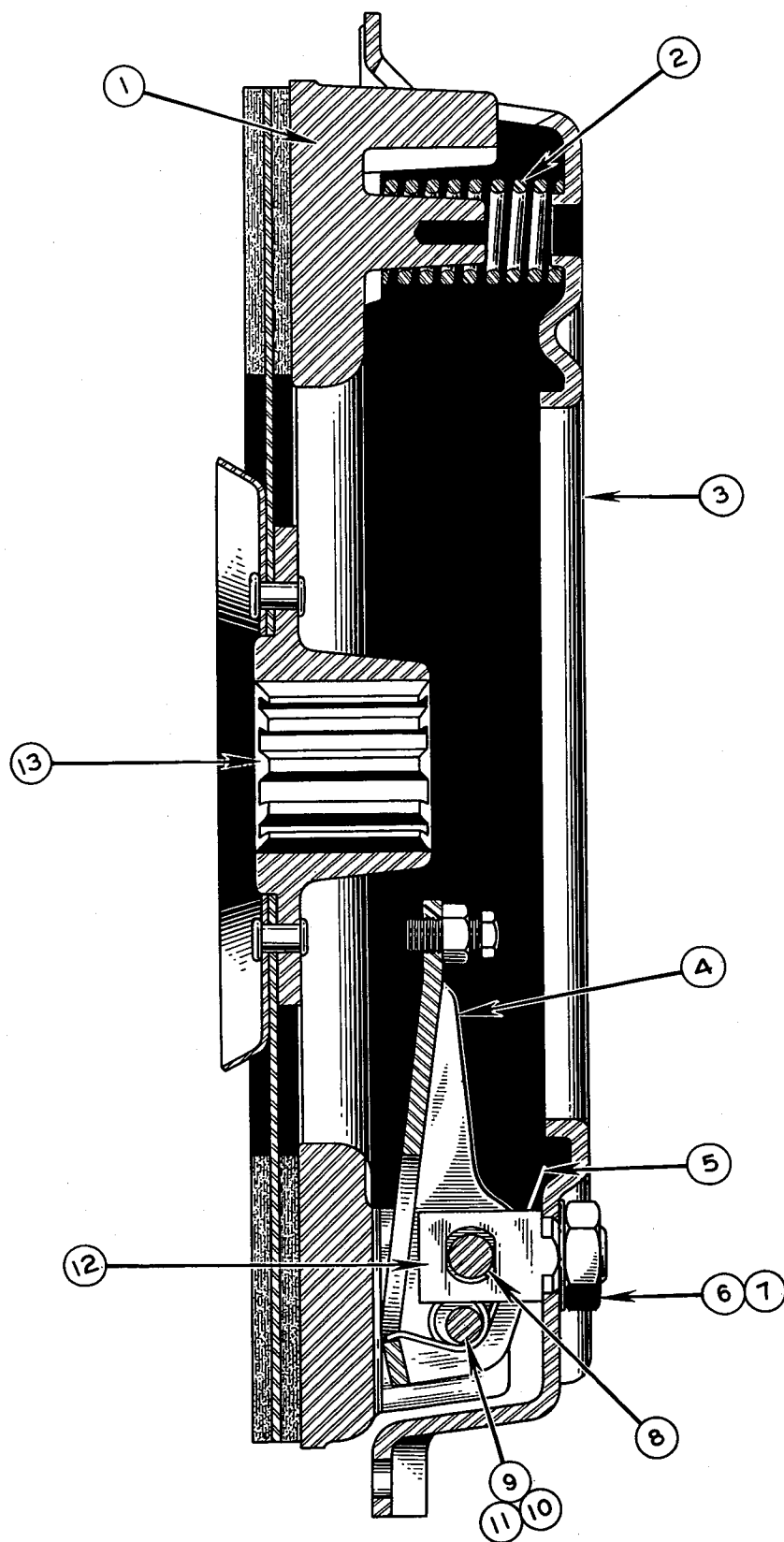


FIG. 852
14" CLUTCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 852

14" CLUTCH

Ref. No.	Part No.	Description	Qty.
1	TD-7192	PLATE, PRESSURE	1
2	SF-5330	SPRING	15
3	TD-7191	PLATE, BACKING	1
4	TC-1912	LEVER ASSEMBLY	3
	TG-2518	SCREW, ADJUSTING	3
	R-6864	NUT, JAM - 3/8" - 24NF	3
5	TD-7193	SPRING	3
6	SR-7010	NUT, JAM - 5/8" - 18NF	3
7	SR-7011	WASHER	3
8	TC-1913	PIN, PIVOT LEVER	3
9	TC-1914	PIN, LEVER	3
10	TC-1916	WASHER	3
11	D-4098	PIN, COTTER - 3/32" x 1"	3
12	TC-1915	BLOCK, PIVOT	3
13	SF-5339	MEMBER ASSEMBLY, DRIVEN	1
NOTE: TD-9157 COVER ASSEMBLY INCLUDES REF. NOS. 1 THRU 12. RK-1006 STANDARD ORGANIC LINING & RIVET KIT. RK-1098 OPTIONAL BI-METALIC LINING & RIVET KIT.			
(EFFECTIVE WITH SERIAL SUFFIX DP-P THRU DP-R, ALSO DPS.)			

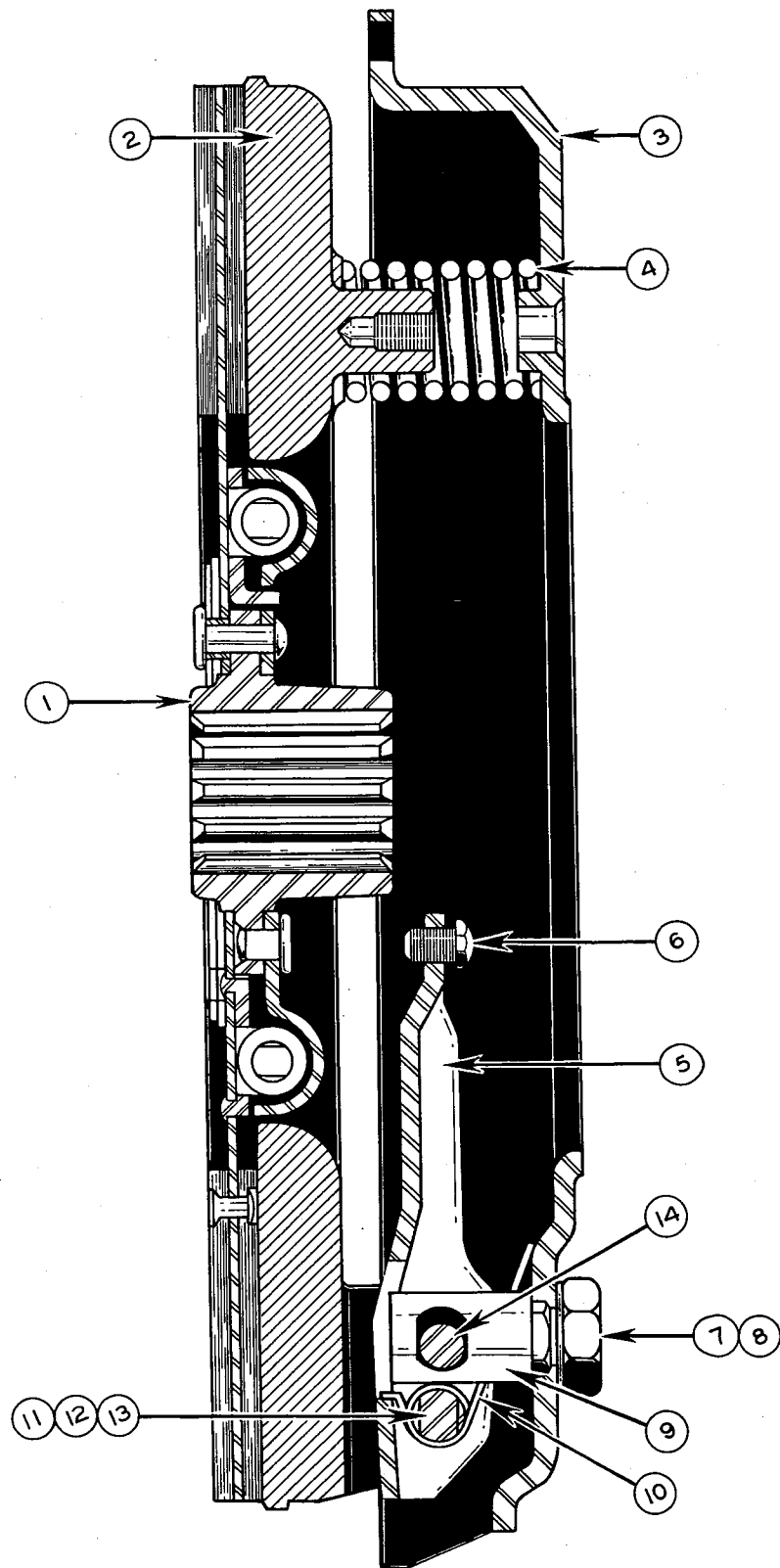


FIG. 1197
15" CLUTCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1197

15" CLUTCH ASSEMBLY - TV-9206

Ref. No.	Part No.	Description	Qty.
1	TF-9248	MEMBER ASSEMBLY, DRIVEN	1
	TF-9247	COVER ASSEMBLY	1
2	SR-7017	PLATE, PRESSURE	1
3	SR-7008	PLATE, BACKING	1
4	TG-7550	SPRING, PRESSURE	12
5	SR-7009	LEVER ASSEMBLY	3
6	TG-6049	SCREW, ADJUSTING	3
7	SR-7010	NUT, JAM - 5/8" - 18NF	3
8	SR-7011	WASHER, SHAKEPROOF	3
9	SR-7012	BLOCK, PIVOT	3
10	SR-7013	SPRING	3
11	CD-5565	PIN, LEVER	3
12	CD-5566	WASHER, LEVER PIN	3
13	C-2303	PIN, COTTER - 1/8" x 1"	3
14	SR-7015	PIVOT PIN, LEVER	3
NOTE: RK-1122 LINING & RIVET KIT.			
(EFFECTIVE WITH SERIAL SUFFIX DPF2 & UP)			

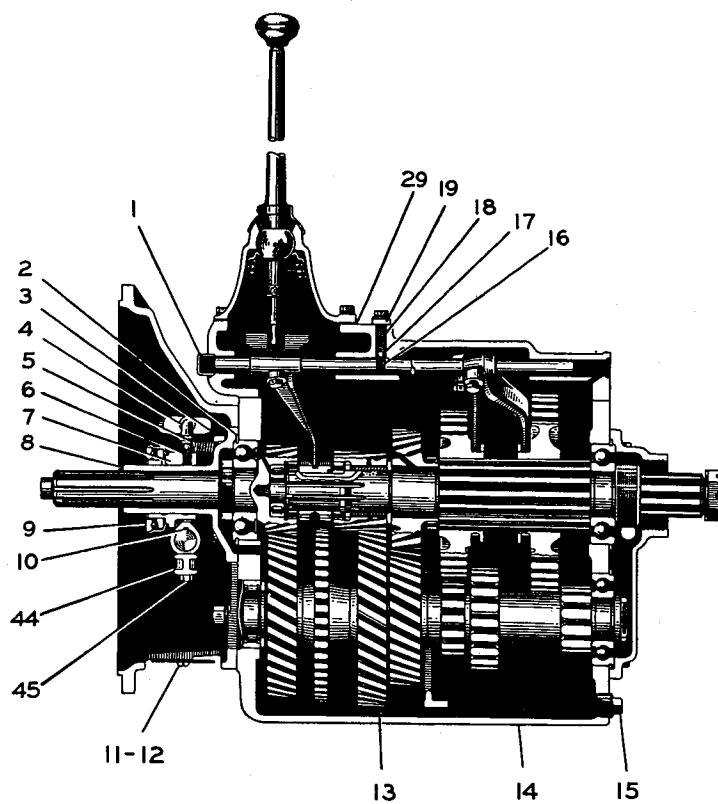
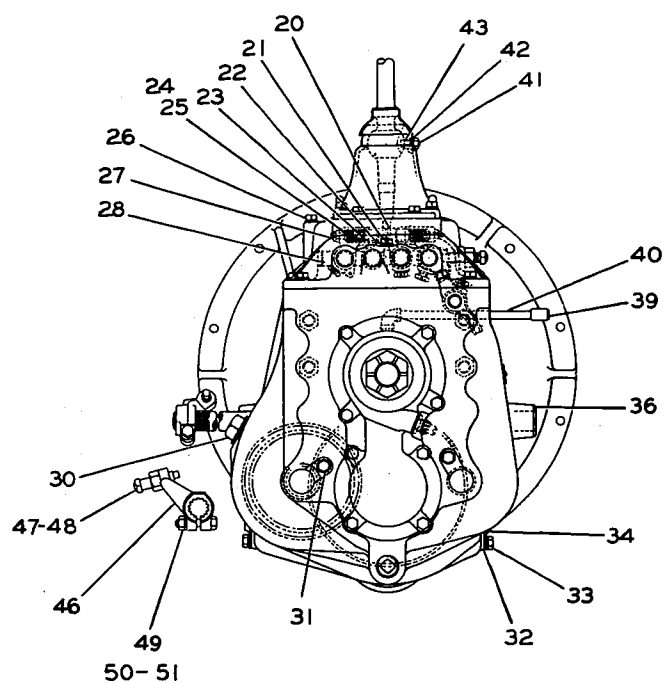


FIG. 839

TRANSMISSION SECTION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 839

FULLER 5A-650 TRANSMISSION

SF-723 5 SV-6240

SP-831 8 TF-647

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SF-3025	Thimble	1	22	SD-8907	Plunger - Rev. Stop	2
2	H-2924	Gasket *	1	23	SF-3029	Plunger Stop Spring	2
	SV-6824	Gasket **	1	24	SF-5756	Shift Block 1st & Rev.	1
3	H-2974	Capscrew	1	25	SF-5767	Nut	2
4	H-2862	Oil Pipe Elbow	1	26	SF-5769	Capscrew	3
5	H-2915	Spring	1	27	SD-1696	Cotter Pin	1
6	H-2861	Nipple	1	28	H-2899	Thimble	2
7	SG-5855	Bearing Carrier	1	29	H-2891	Housing Gasket	1
8	H-2923	Bearing Cover *	1	30	C-1034	Pipe Plug	1
	SV-6823	Bearing Cover **	1	31	H-2890	Lock	2
9	H-2987	Bearing	1	32	H-2892	PTO Gasket	2
10	H-2966	Key	1	33	H-8524	Capscrew	12
11	H-2970	Capscrew	2	34	H-2907	PTO Cover	1
12	SF-5761	Cover	1		DG-1930	Oil Filter Assembly ç	1
13	SF-497	Gear	1		SH-6116	Filter Element ç	1
14	SG-1492	Case & Clutch Housing *	1	36	H-2914	Clutch Pedal Shaft Short	1
	TC-7829	Case & Clutch Housing **	1	39	C-1231	Coupling	1
	SF-7625	Dowel Pin	2	40	D-940	Oil Pipe	1
	SF-7626	Stud (Front) *	6	41	C-9656	Nut	1
	SP-1866	Stud (Front) **	6	42	C-1538	Lockwasher	1
	SF-5778	Stud (Rear)	4	43	H-2903	Pivot Pin	2
	SF-7627	Expansion Plug	1	44	SG-5859	Clutch Rel. Yoke Assy.	1
	SF-7628	Snap Ring	1		SF-3021	Clutch Rel. Yoke	1
	H-2943	Expansion Plug	1	45	C-5800	Capscrew	1
	SF-7630	Clutch Housing *	1	46	H-2850	Clutch Pedal Adj. Arm Assy.	1
	SV-6821	Clutch Housing **	1		H-2851	Lever Arm	1
	SG-3877	Trans. Case *	1	47	H-2855	Set screw	1
	SV-6822	Trans. Case **	1	48	C-1523	Nut	1
	C-1526	Nut	10	49	H-2854	Capscrew	1
	SD-5126	Lockwasher	10	50	C-312	Lockwasher	1
15	R-2028	Pipe Plug	1	51	C-1522	Nut	1
16	H-2889	Cross Pin	2				
17	H-2980	1/2" Steel Ball	3			Not Shown	
18	SF-5762	Spring	3				
19	SR-3561	Spring Cover	1		H-2902	Clutch Pedal Shaft	1
	SR-3567	Gasket	1		CD-3705	Nipple - 1/8" x 1 1/2"	2
20	SF-5755	Shift Block 2nd & 3rd	1		C-1596	Grease Fitting - 1/8" x 67 1/2°	3
21	C-5752	Capscrew	1		C-1231	Coupling - 1/2"	2

Notes: Gasket Replacement Kit SH-4539 *

Gasket Replacement Kit SV-6833 **

* Used with SF-7235 & SP-8318 Transmission.

** Used with SV-6240 & TF-647 Transmission.

ç Used with SF-7235, SP-8318 & SV-6240 Transmission.

SF-7235 Transmission Effective with Serial Suffix DP, DP-C thru DP-G.

SP-8318 Transmission Effective with Serial Suffix DP-B only.

SV-6240 Transmission Effective with Serial Suffix DP-H thru DP-P.

TF-647 Transmission Effective with Serial Suffix DP-Q thru DP-R.

See Following Pages For Balance of Parts.

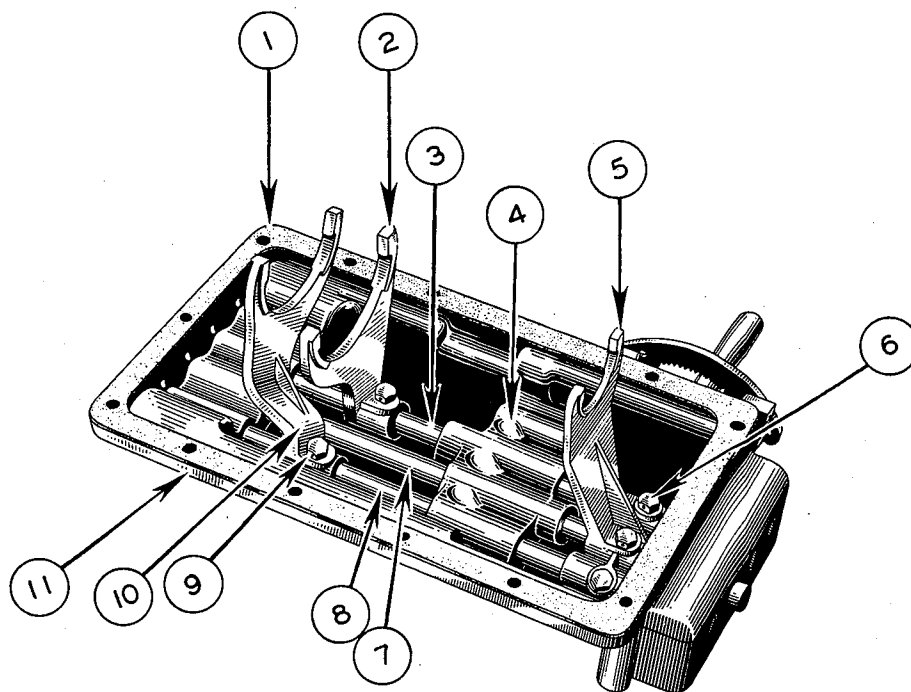


FIG. 840 A

COVER

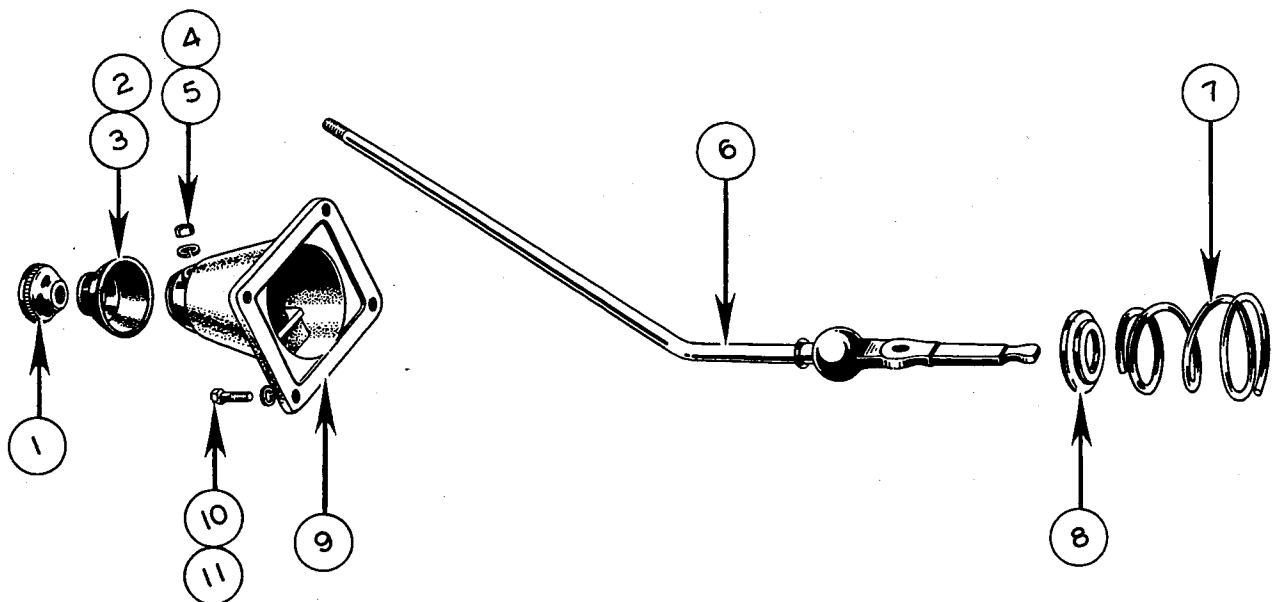


FIG. 840 B

SHIFT BAR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 840A

COVER

Ref. No.	Part No.	Description	Qty.
1	SF-3047	GASKET	1
2	SF-5750	SHIFTING YOKE	1
3	SF-5758	YOKE BAR	1
4	H-2981	STEEL BALL	2
5	SF-5751	SHIFTING YOKE	1
6	SF-3033	LOCKSCREW	3
7	SF-5763	YOKE BAR	1
8	SF-5759	YOKE BAR	1
9	H-2910	LOCKSCREW	4
10	SF-3049	SHIFTING YOKE	1
11	SF-3048	HOUSING	1
(FULLER 5A-650 TRANSMISSION)			

FIGURE 840B

SHIFT BAR

1	H-2885	BALL	1
2	H-2909	BELL	1
3	SG-2911	BOOT	1
4	H-2969	SCREW	1
5	C-5774	LOCKWASHER - 1/4"	1
6	SG-5550	SHIFT LEVER	1
	SP-8342	SHIFT LEVER (Effective with Serial Suffix DP-B Only)	1
7	H-2905	SPRING	1
8	H-2906	WASHER	1
9	SF-3028	HOUSING	1
10	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	4
11	C-312	LOCKWASHER - 3/8"	4
(FULLER 5A-650 TRANSMISSION)			

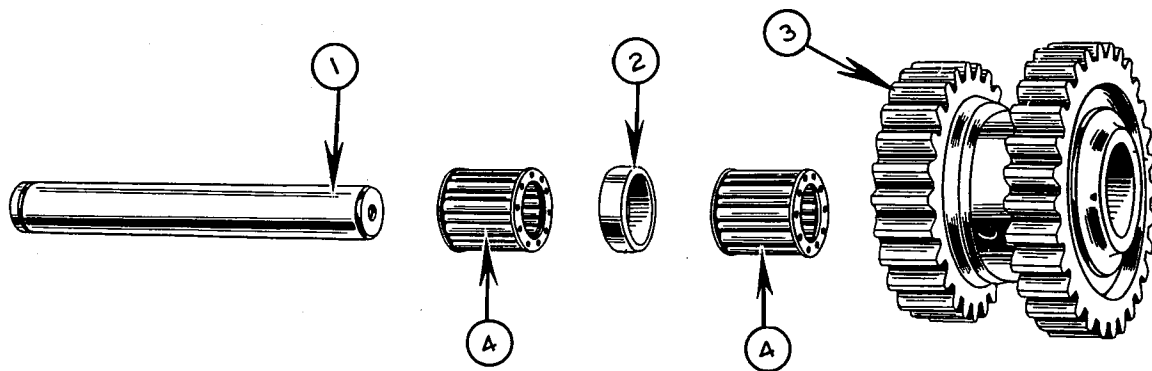


FIG. 84I A
IDLER SHAFT

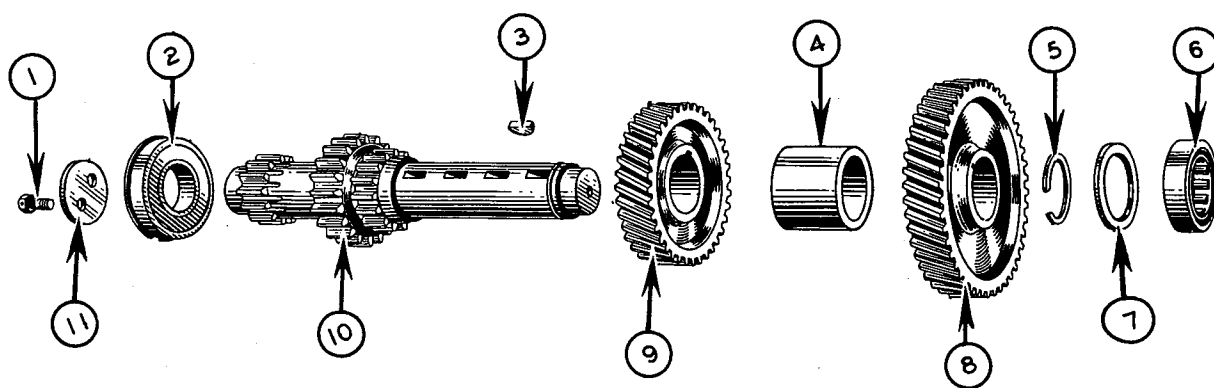


FIG. 84I B
COUNTERSHAFT

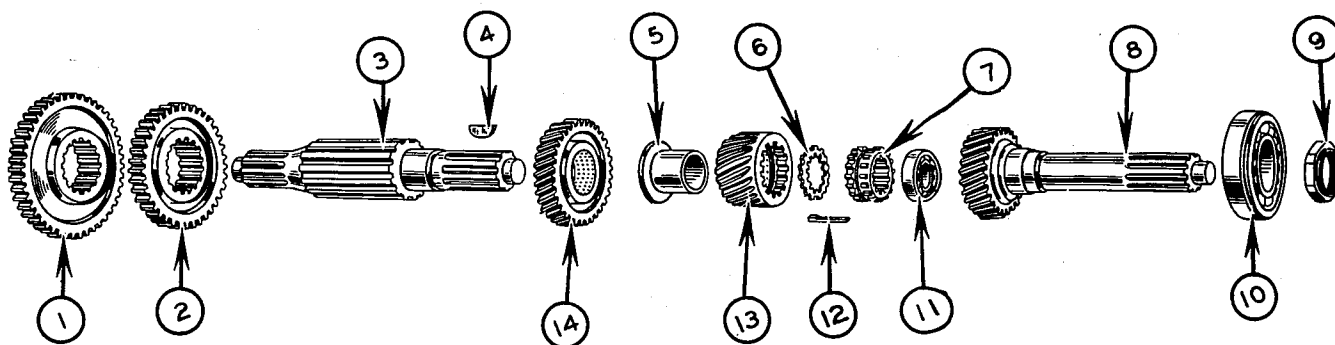


FIG. 84I C
MAINSHAFT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 841A

IDLER SHAFT

Ref. No.	Part No.	Description	Qty.
1	SF-3026	SHAFT	1
2	SF-3044	SPACER	1
3	SF-3043	GEAR	1
4	H-2985	BEARING	2
(FULLER 5A-650 TRANSMISSION)			

FIGURE 841B

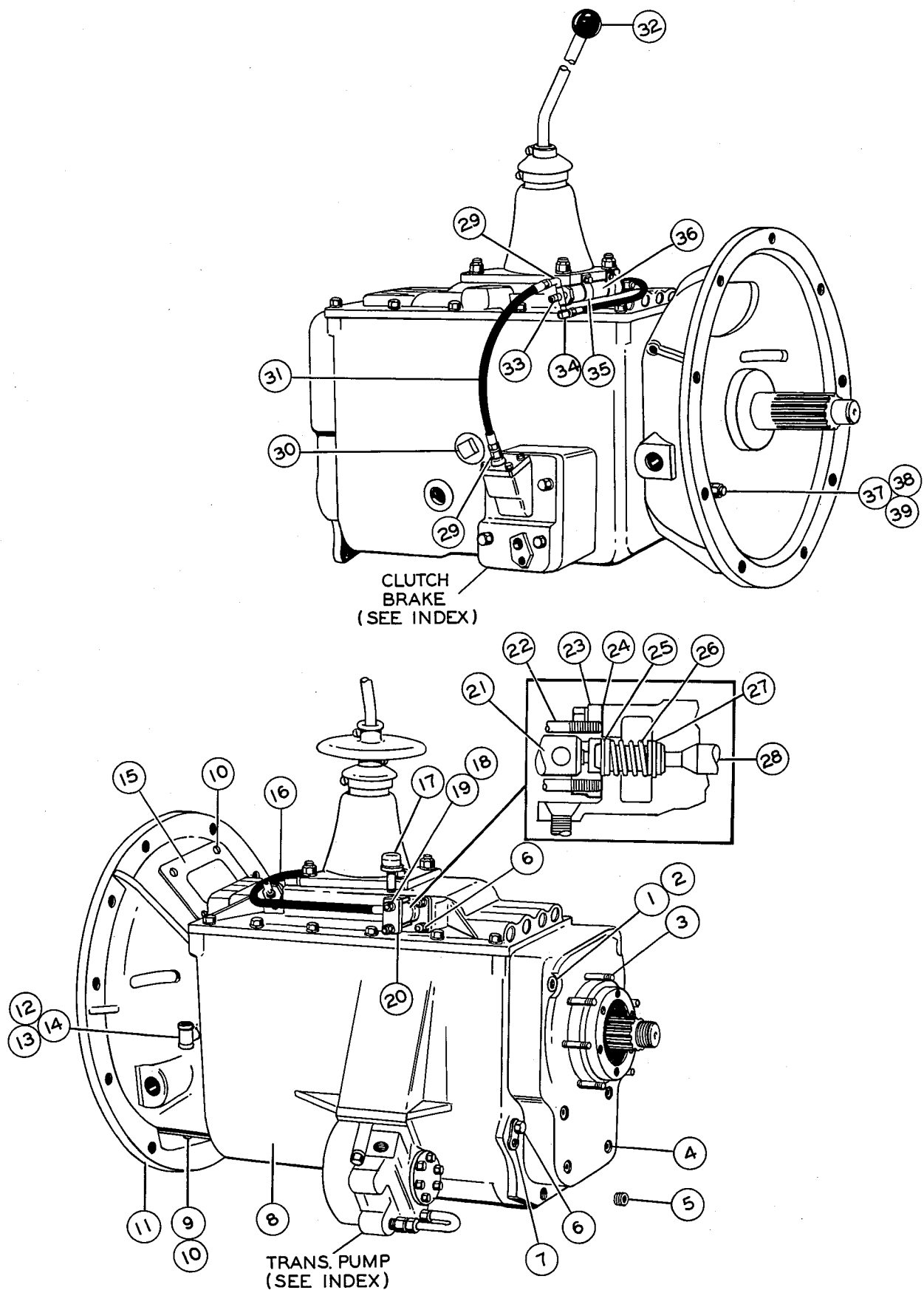
COUNTERSHAFT

1	SG-255	CAPSCREW	2
2	TF-1959	BEARING	1
3	D-7793	KEY	4
4	SH-7439	SPACER	1
	SF-5766	GEAR (Used with TF-647 Transmission only)	1
5	SF-3027	SNAP RING	1
6	SF-5771	BEARING	1
7	SF-3032	SPACER	1
8	SF-3038	GEAR	1
9	SF-3039	GEAR	1
10	SF-3042	SHAFT	1
11	SD-8929	RETAINER	1
(FULLER 5A-650 TRANSMISSION)			

FIGURE 841C

MAINSHAFT

1	SF-3041	GEAR	1
2	SF-3040	GEAR	1
3	SF-472	SHAFT	1
4	H-2965	KEY	1
5	SF-496	SLEEVE	1
6	SF-498	WASHER	1
7	SF-3034	CLUTCH	1
8	SF-3037	SHAFT	1
9	H-2916	NUT	1
10	H-2984	BEARING	1
11	SF-5772	BEARING	1
12	SF-3035	WASHER KEY	1
13	SF-494	GEAR & BUSHING	1
	SG-5850	BUSHING	1
14	SF-3022	GEAR & BUSHING	1
(FULLER 5A-650 TRANSMISSION)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2434

TRANSMISSION CASE & MISCELLANEOUS

Ref. No.	Part No.	Description	Qty.
1	TH-576	NUT, ELASTIC STOP - 5/16" - 18NC	4
2	TG-4638	STUD, TRANSMISSION CASE REAR	4
3	TG-5996	STUD, ADAPTOR	8
4	TG-6006	CAPSCREW, SOCKET HEAD - 7/16" - 14NC x 2 1/2" - NYLOK	4
5	TG-6008	PLUG, PIPE - 3/4" - MAGNETIZED	1
6	TF-1962	CAPSCREW - 3/8" - 16NC x 1"	5
7	H-2890	LOCK, REVERSE IDLER SHAFT	1
8	TG-4637	CASE, TRANSMISSION	1
9	H-2913	COVER, CLUTCH HOUSING - BOTTOM	1
10	H-2970	CAPSCREW - 5/16" - 18NC x 1/2" - ROUND HEAD	6
11	TG-4636	HOUSING, CLUTCH	1
12	R-2508	TEE, PIPE - 1/4"	1
13	TF-53	WASHER, FELT	2
14	TG-5988	NIPPLE, PIPE	1
15	H-2887	COVER, CLUTCH HOUSING	1
16	TG-7556	HOSE ASSEMBLY - 13 1/2" (Trigger Valve to Reservoir)	1
17	TH-7359	BREATHER	1
18	C-7590	CAPSCREW - 1/4" - 20NC x 1 3/4"	2
19	C-5774	LOCKWASHER - 1/4"	2
20	TF-7026	PLATE, TRIGGER VALVE	1
21	TF-7022	VALVE, TRIGGER	1
22	TF-7023	GASKET, TRIGGER VALVE	1
23	TG-5982	ADAPTOR, TRIGGER VALVE	1
24	TG-5981	GASKET, ADAPTOR	1
25	TG-5985	SNAP RING, PLUNGER	1
26	TG-5984	SPRING, PLUNGER	1
27	TG-6007	WASHER - 3/4" - SPECIAL	2
28	TG-5983	PLUNGER, TRIGGER VALVE ACTUATING	1
29	TF-196	ELL, STREET - 1/8" x 45°	2
30	C-1034	PLUG, PIPE - 1 1/4"	1
31	TL-3184	HOSE ASSEMBLY - 18" (Reservoir to Brake)	1
32	H-2885	BALL, GEAR SHIFT LEVER	1
33	TG-9996	TEE, PIPE	1
34	TF-22	ELL, STREET - 1/8"	1
35	TF-104	CLAMP, RESERVOIR	2
36	TF-18	RESERVOIR ASSEMBLY, AIR	1
37	SF-7626	STUD, CLUTCH HOUSING	6
38	SD-5126	LOCKWASHER - 5/8"	6
39	C-1526	NUT - 5/8" - 18NF	6
NOT SHOWN			
	H-2872	PIN, DOWEL	2
	RK-1063	GASKET KIT	1
(FULLER 5-G-720 TRANSMISSION) (COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)			

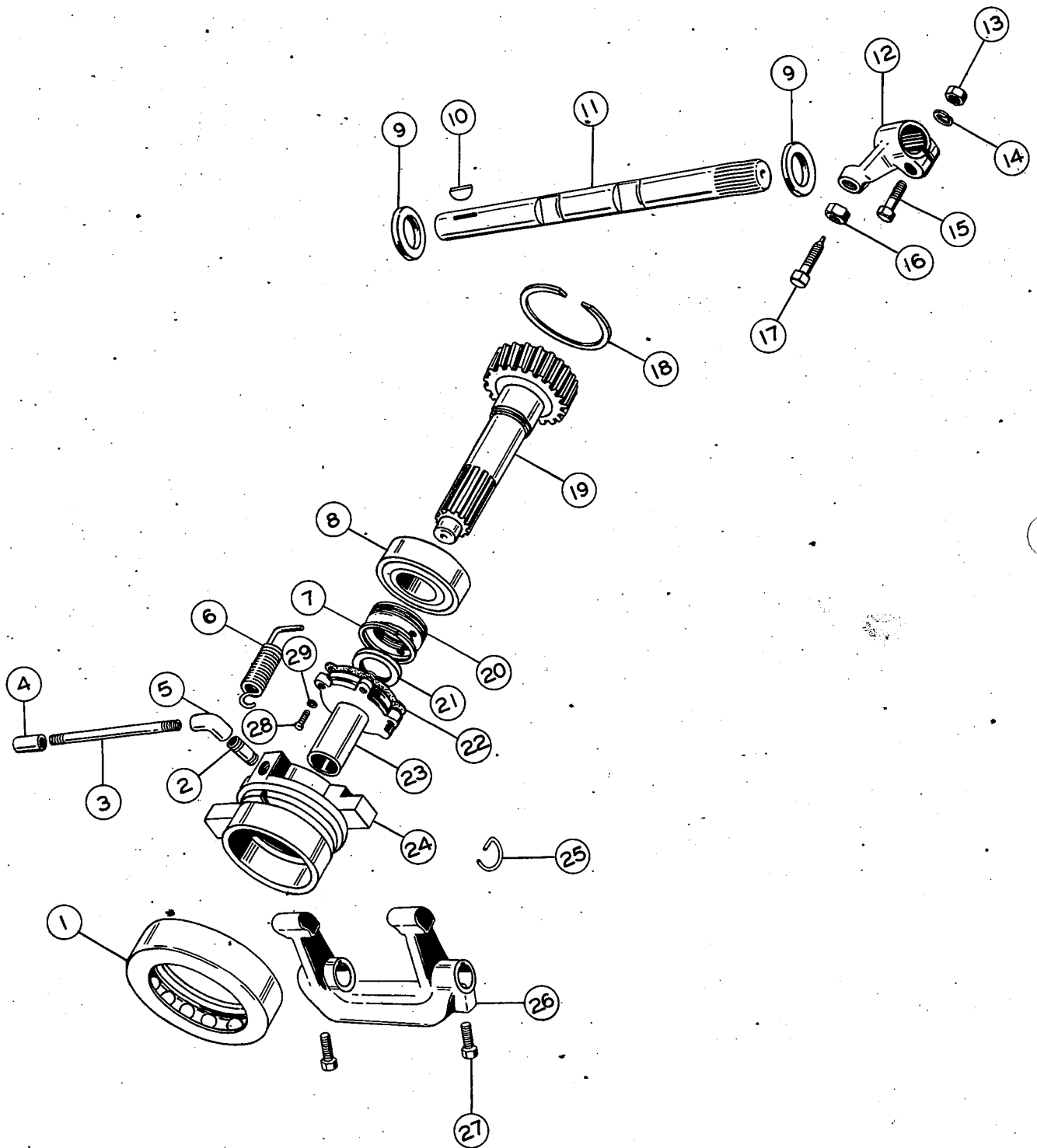


FIG. 2429
CLUTCH RELEASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2429

CLUTCH RELEASE

Ref. No.	Part No.	Description	Qty.
1	H-2987	BEARING, CLUTCH RELEASE	1
2	H-2861	NIPPLE, PIPE	1
3	D-940	PIPE, OIL	1
4	C-1231	COUPLING, PIPE	1
5	H-2862	ELBOW, PIPE	1
6	H-2915	SPRING	2
7	TG-5975	RING, OIL	2
8	TG-6009	BALL BEARING, DRIVE GEAR	1
9	TG-5987	SEAL, OIL	4
10	H-2966	KEY, WOODRUFF	2
11	TG-6002	SHAFT, CLUTCH	1
	H-2850	ADJUSTING ARM ASSEMBLY	1
12	H-2851	ARM, ADJUSTING	1
13	C-1522	NUT - 3/8" - 24NF	1
14	C-312	LOCKWASHER - 3/8"	1
15	H-2854	BOLT - 3/8" - 24NF x 1 3/4"	1
16	C-1523	NUT - 1/2" - 13NC	1
17	H-2855	SETSCREW, DOG POINT - 1/2" - 13NC	1
18	TD-3454	RING, SNAP	1
19	RK-1042	SHAFT & GEAR, CLUTCH	1
20	RK-1051	NUT, DRIVE GEAR BEARING	1
21	TG-5968	OIL SEAL	1
22	TR-2665	GASKET, FRONT BEARING COVER	1
23	TL-6239	COVER, FRONT BEARING	1
24	TG-5970	CARRIER, CLUTCH BEARING	1
25	TD-3498	SPRING, RETAINER	2
26	TC-7826	YOKE ASSEMBLY, CLUTCH RELEASE	1
27	H-2859	BOLT - 3/8" - 24NF x 1"	2
28	H-2974	CAPSCREW - 3/8" - 16NC x 1 1/2" - SPECIAL	2
	TF-1963	CAPSCREW - 3/8" - 16NC x 1 1/2"	2
29	C-312	LOCKWASHER - 3/8"	2

(FULLER 5-G-720 TRANSMISSION)
 (COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444, TL-5490
 TV-1344, VF-3215 & VH-1793)

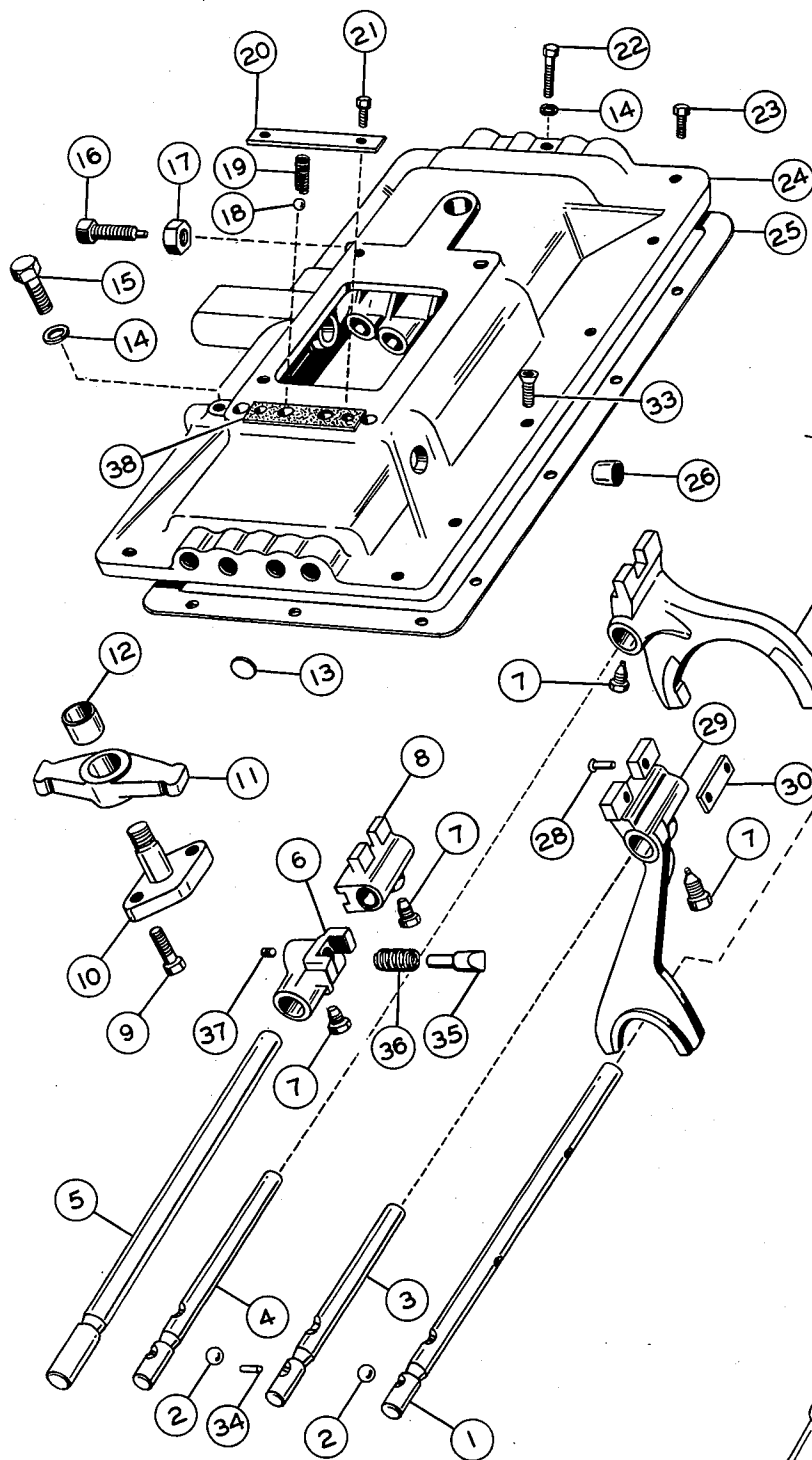


FIG. 2430 A

SHIFT BAR HOUSING

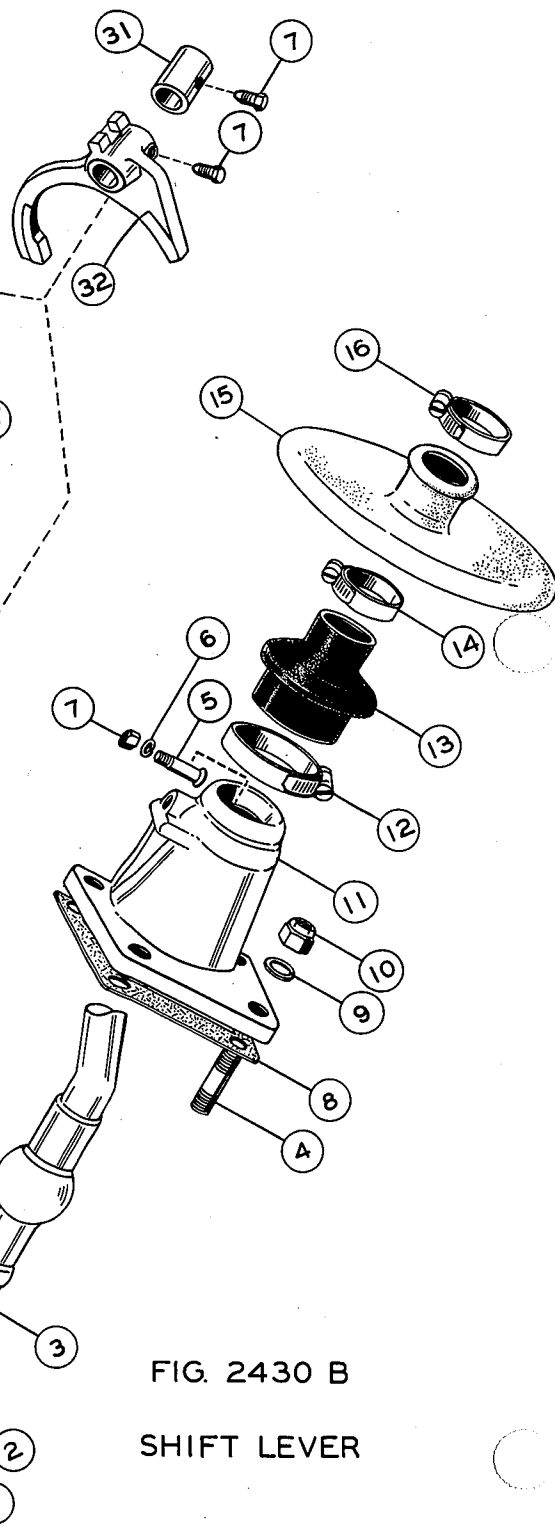


FIG. 2430 B

SHIFT LEVER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2430A

SHIFT BAR HOUSING

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TG-5966	Yoke, Bar-1st & Reverse-Lt. Side ..	1	20	SR-3561	Cover, Spring	1
2	H-2981	Ball, Steel - 3/4"	2	21	TF-1964	Capscrew-3/8"-16nc x 1 1/4"	2
3	TG-5986	Yoke Bar, Direct & Overdrive ..	1	22	SH-5509	Capscrew-3/8"-16nc x 2 1/4"*	2
4	TG-5967	Yoke Bar, 2nd & 3rd Speed ..	1	TR-2136	Capscrew-3/8"-16nc x 2 1/4"-Ny.**	2	2
5	TC-9788	Yoke Bar, 1st & Reverse-Rt. Side ..	1	23	TR-2135	Capscrew-3/8"-16nc x 1 1/4"-Ny. .	9
6	TD-3460	Shifting Block-1st & Reverse-Central	1	24	TG-5972	Housing, Shift Bar	1
7	H-2910	Locking Screw, Shift Yoke ..	6	25	TR-2663	Gasket, Shift Bar Housing	1
8	TC-9791	Shifting Block-1st & Reverse-Rear .	1	26	H-2899	Thimble, Oil Retaining	1
9	SH-5510	Capscrew-3/8"-16nc x 1"-Special	2	27	TD-3467	Yoke, Shifting-2nd & 3rd Speed ...	1
10	TC-7848	Pivot Pin & Plate, Cross Over ..	1	28	SG-5555	Rivet - 3/16" x 1/4"	2
1	TD-3453	Lever, Cross Over	1	29	TD-3466	Yoke, Shifting-Direct & Overdrive ..	1
2	TD-3474	Bearing, Needle	1	30	SG-5551	Plate, Shift Lever Stop	1
3	H-2943	Plug, Expansion	8	31	TD-3459	Stop, Block - 1st & Reverse	1
4	C-312	Lockwasher - 3/8"	15	32	TC-9789	Yoke, Shifting-1st & Reverse	1
5	SG-6814	Capscrew-3/8"-16nc x 1 3/4"* ..	2	33	TR-2138	Capscrew-Flat Hd.-3/8"-16nc x 1"Ny.	1
	TR-2137	Capscrew-3/8"-16nc x 1 3/4"-Ny.**	2	34	H-2889	Pin, Interlock Cross	1
6	H-2855	Setscrew, Dog Point-1/2"-13nc x 2	1	35	TD-3464	Plunger, Reverse Stop	1
7	C-1523	Nut - 1/2" - 13nc	1	36	SF-3029	Spring, Plunger	1
8	H-2980	Ball, Steel - 1/2"	4	37	TD-3461	Plug, Spring	1
9	TC-9786	Spring, Position Finder	4	38	SR-3567	Gasket, Position Finder Cover	1

* Included in TG-1295 & TH-1444 Transmission Assemblies.
 ** Included in TL-5490, TV-1344, VF-3215 & VH-1793 Transmission Assemblies.

(Fuller 5-G-720 Transmission)
 (Complete Transmission Assemblies TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)

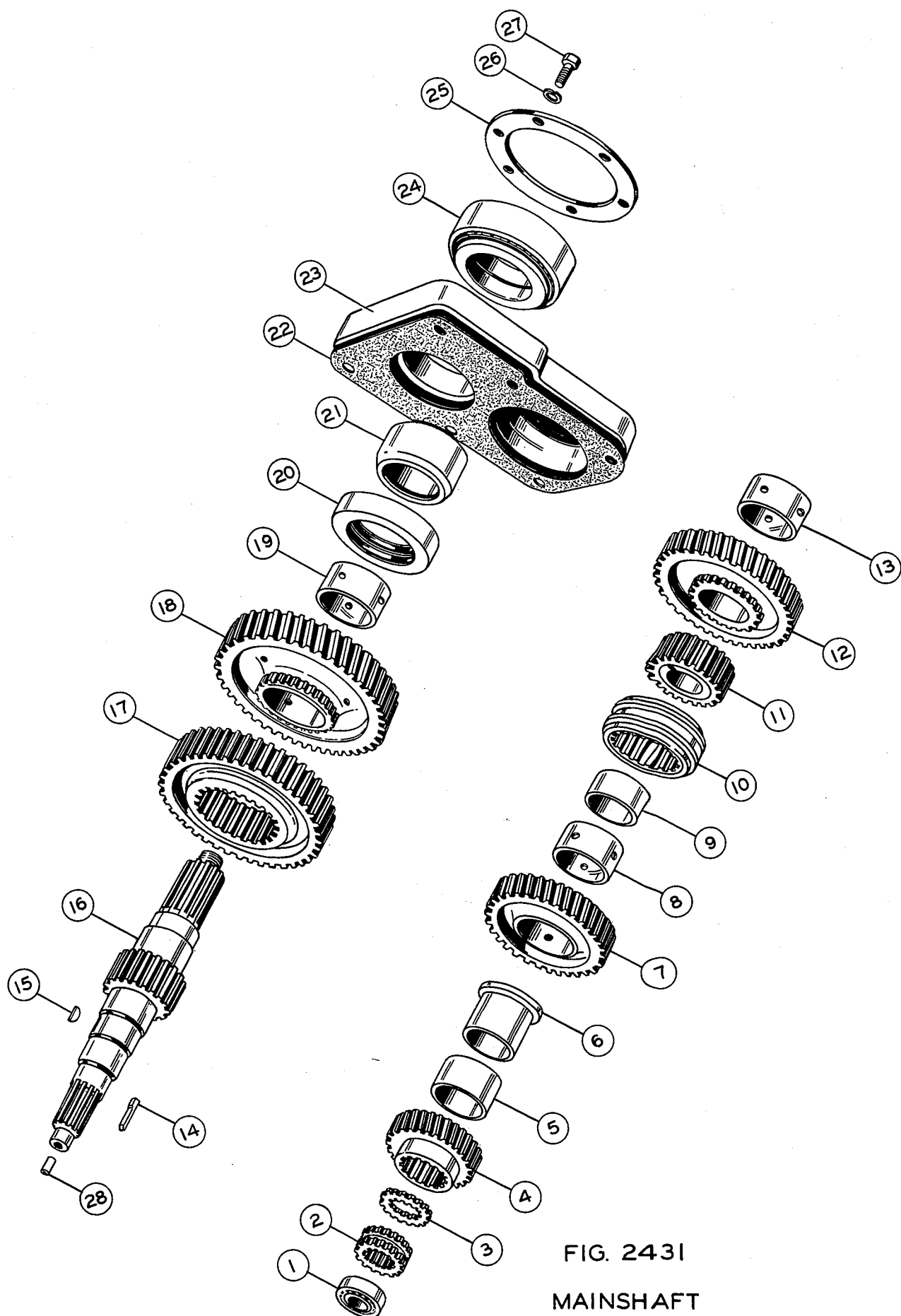
FIGURE 2430B

GEAR SHIFT LEVER

1	H-2905	Spring, Gear Shift Lever	1	11	SL-3065	Housing, Gear Shift Lever * ...	1
2	H-2906	Washer, Gear Shift Lever	1	TR-2131	Housing, Gear Shift Lever ** ...	1	1
3	TR-4901	Lever, Gear Shift	1	VF-4300	Housing, Gear Shift Lever *** ...	1	1
4	SD-8926	Stud, Gear Shift Lever Housing ..	2	12	VF-4304	Clamp, Boot ***	1
5	SL-3066	Pin, Gear Shift Lever Pivot */** ..	1	13	SG-2911	Boot, Gear Shift Lever *	1
	VF-4301	Pin, Gear Shift Lever Pivot *** ..	1	TL-5479	Boot, Gear Shift Lever **	1	1
6	E-3735	Lockwasher - 5/16" ***	1	VF-4302	Boot, Gear Shift Lever ***	1	1
7	VF-4305	Stop Nut - 5/16"-24nf *** ...	1	VG-9488	Boot, Gear Shift Lever π	1	1
8	TR-2662	Gasket, Gear Shift Lever Housing .	1	14	VF-4303	Clamp, Boot ***	1
9	TR-2134	Washer, Conical	4	15	VC-1397	Boot, Gear Shift Lever## Not Inc.in	1
0	TG-8622	Stop Nut - 3/8"-24nf	4	16	CD-8419	Clamp, Boot ## Trans.Assy.	1

* Included in TG-1295 & TH-1444 Transmission Assemblies.
 ** Included in TL-5490 & TV-1344 Transmission Assemblies.
 *** Included in VF-3215 Transmission Assembly.
 # Included in VH-1793 Transmission Assembly.
 ## Effective with Serial Suffix DPF2-J.

(Fuller 5-G-720 Transmission)
 (Complete Transmission Assemblies TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2431

MAINSHAFT

Ref. No.	Part No.	Description	Qty.
1	TG-6010	BEARING, ROLLER - MAINSHAFT PILOT	1
2	TD-3465	CLUTCH, SLIDING	1
3	SG-5856	WASHER, OVERDRIVE GEAR	1
4	TG-5953	GEAR & BUSHING - OVERDRIVE	1
5	TG-5954	BUSHING	1
6	TR-1015	SLEEVE - OVERDRIVE GEAR	1
7	TG-4639	GEAR & BUSHING - 3rd SPEED	1
8	TG-4640	BUSHING	1
9	TR-1014	SLEEVE - 3rd SPEED GEAR	1
10	VF-4306	COLLAR, CLUTCH - 2nd & 3rd SPEED	1
11	TD-3470	GEAR, CLUTCH - 2nd & 3rd SPEED	1
12	TG-4642	GEAR & BUSHING - 2nd SPEED	1
13	TG-4641	BUSHING	1
14	SF-3035	KEY, MAINSHAFT WASHER	1
15	D-7793	KEY, WOODRUFF	1
16	TG-5997	MAINSHAFT, SPLINED	1
17	TG-5999	GEAR, SLIDING - 1st & REVERSE	1
18	TG-5958	GEAR & BUSHING - 1st SPEED	1
19	TG-5959	BUSHING	1
20	SP-1870	SEAL, OIL - REAR BEARING ADAPTOR	1
21	TG-5991	SLEEVE	1
22	TR-2668	GASKET, REAR BEARING COVER	1
23	TL-5503	COVER & ADAPTOR - REAR BEARING	1
24	SG-5907	BEARING, ROLLER - REAR MAINSHAFT	1
25	SG-5904	RING, RETAINER	1
26	C-1538	LOCKWASHER - 5/16"	6
27	E-4538	CAPSCREW - 5/16" - 18NC x 7/8"	6
28	TR-1029	COUPLING, OIL TUBE	1
(FULLER 5-G-720) (COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)			

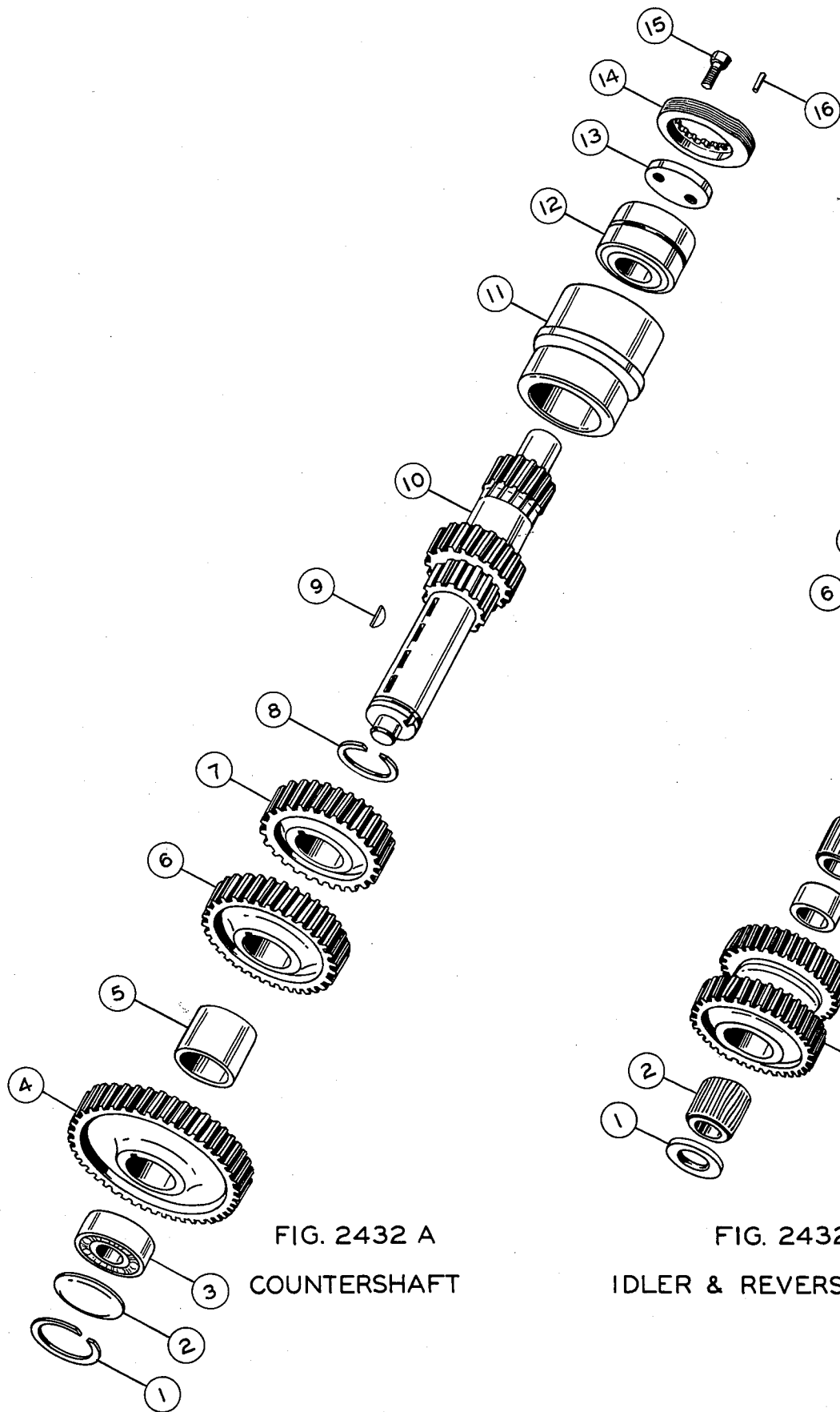


FIG. 2432 A
COUNTERSHAFT

FIG. 2432 B
IDLER & REVERSE SHAFT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2432A

COUNTERSHAFT

Ref. No.	Part No.	Description	Qty.
1	SF-7628	RING, SNAP	1
2	SF-7627	PLUG, EXPANSION	1
3	TD-3475	BEARING, ROLLER - COUNTERSHAFT FRONT	1
4	TG-5971	GEAR, DRIVE	1
5	TG-5965	SLEEVE	1
6	TG-5980	GEAR, OVERDRIVE	1
7	TG-5977	GEAR, 3RD SPEED	1
8	H-2939	RING, SNAP	1
9	D-7793	KEY, WOODRUFF	3
10	TG-5995	COUNTERSHAFT	1
11	TG-5992	ADAPTOR, REAR BEARING	1
12	TD-3476	BEARING, TAPERED ROLLER - COUNTERSHAFT REAR	1
13	SG-2920	PLATE, RETAINING	1
14	TG-6000	NUT, ADJUSTING	1
15	SG-255	CAPSCREW - 1/2" - 20NF x 1" - SPECIAL	2
16	TG-5994	PIN, BEARING RETAINER LOCK	1
(FULLER 5-G-720 TRANSMISSION)			
(COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)			

FIGURE 2432B

IDLER & REVERSE SHAFT

1	TR-2695	WASHER, THRUST	2
2	H-2985	BEARING, NEEDLE	2
3	TR-2687	GEAR, REVERSE IDLER	1
4	TR-2694	SPACER, BEARING	1
5	TC-9793	SHAFT, REVERSE IDLER	1
6	H-2890	LOCK, REVERSE IDLER SHAFT	1
7	TF-1962	CAPSCREW - 3/8" - 16NC x 1"	1
(FULLER 5-G-720 TRANSMISSION)			
(COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444, TL-5490, TV-1344, VF-3215 & VH-1793)			

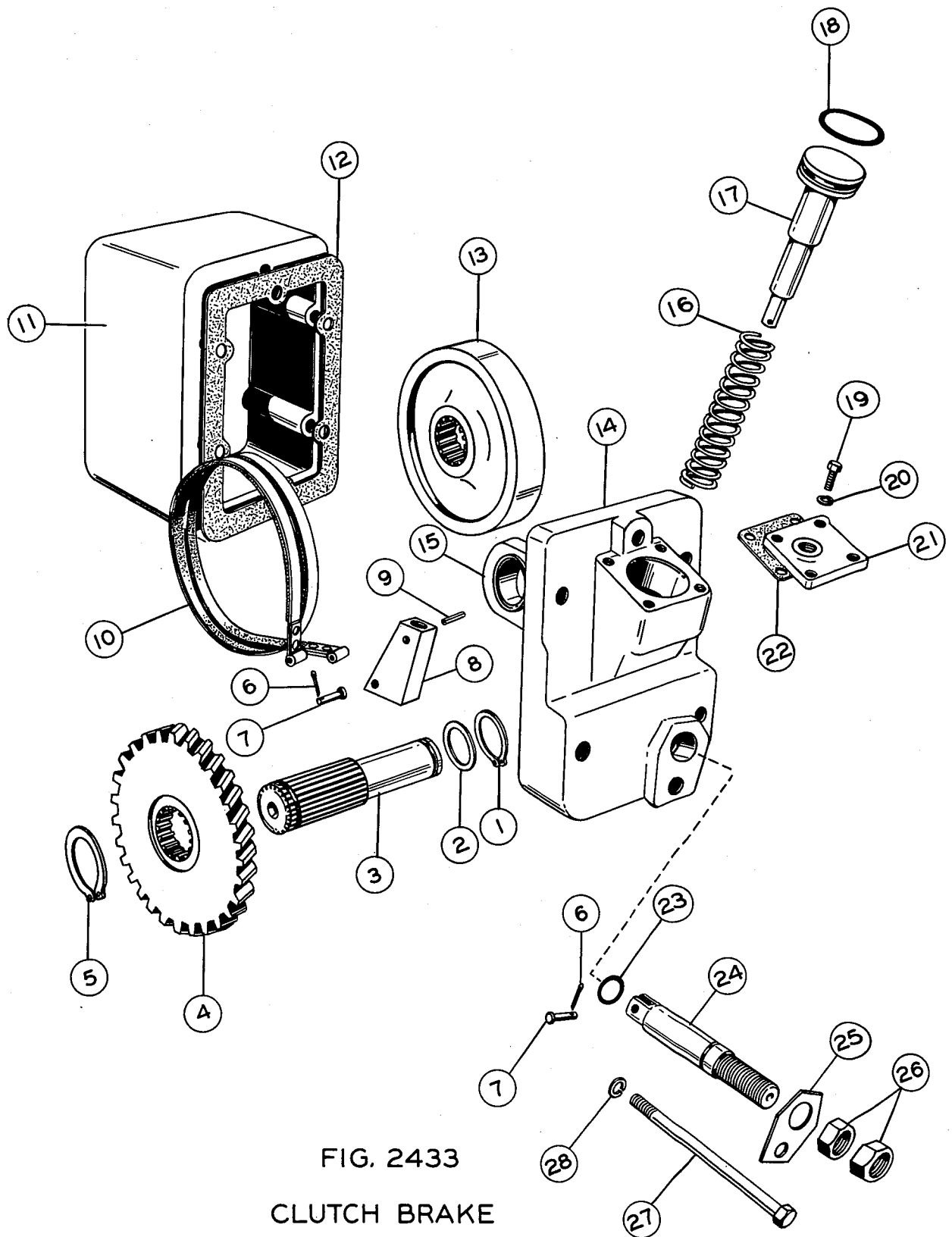


FIG. 2433
CLUTCH BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2433

CLUTCH BRAKE

Ref. No.	Part No.	Description	Qty.
1	TF-1999	RING, SNAP - FRONT	1
2	TF-3101	WASHER, DRIVE SHAFT	1
3	TF-3100	SHAFT, DRIVE	1
4	TG-5956	DRIVE GEAR, CLUTCH BRAKE	1
5	TF-1998	RING, SNAP - REAR	1
6	SD-1696	PIN, COTTER - 1/16" x 1/2"	2
7	TF-1993	PIN, ANCHOR	2
8	TF-1990	YOKE, PISTON	1
9	TG-5957	PIN, ROLL	1
10	TF-1997	BAND, BRAKE	1
11	TG-5960	BLOCK, FILLER	1
12	TR-2667	GASKET	2
13	TF-1994	DRUM, BRAKE	1
14	TF-1984	HOUSING, CLUTCH BRAKE	1
15	TF-1985	BUSHING - REAR	1
	TF-1986	BUSHING - FRONT	1
16	TF-1991	SPRING, PISTON RETURN	1
17	TF-1989	PISTON, CLUTCH BRAKE	1
18	TF-1992	"O" RING	1
19	TF-3105	CAPSCREW - 1/4" - 20NF x 5/8"	4
20	C-5774	LOCKWASHER - 1/4"	4
21	TF-1987	HEAD, CYLINDER	1
22	TF-1988	GASKET, CYLINDER HEAD	1
23	TF-3102	"O" RING	1
24	TL-6243	ROD, BRAKE ANCHOR	1
25	TH-8592	PLATE, LOCK	1
26	H-749	NUT, JAM - 1/2" - 20NF	2
27	C-5753	CAPSCREW - 3/8" - 16NC x 4"	2
	H-9918	CAPSCREW - 3/8" - 16NC x 4 1/2"	1
	TG-5963	CAPSCREW - 3/8" - 16NC x 4 3/8"	2
	C-5754	CAPSCREW - 3/8" - 16NC x 5 1/2"	1
28	C-312	LOCKWASHER - 3/8"	6

NOTE: TG-5955 CLUTCH BRAKE ASSEMBLY INCLUDES REF. NOS.
1 THRU 10, 12 THRU 16 & 18 THRU 26.

(FULLER 5-G-720 TRANSMISSION)
(COMPLETE TRANSMISSION ASSEMBLIES TG-1295, TH-1444,
TL-5490, TV-1344, VF-3215 & VH-1793)

FIG. 1593 A

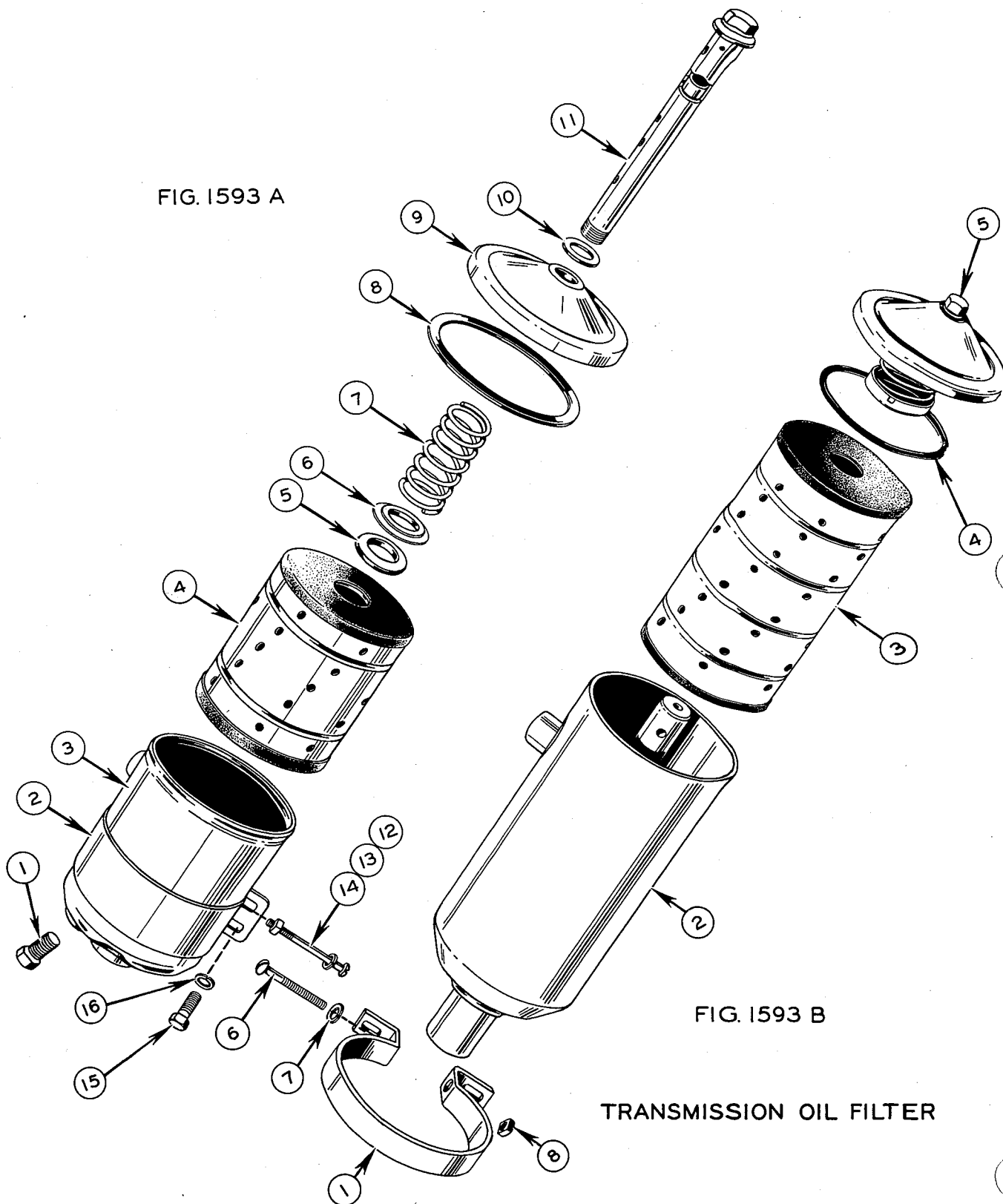


FIG. 1593 B

TRANSMISSION OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1593A

OIL FILTER ASSEMBLY TF-28

Ref. No.	Part No.	Description	Qty.
1	TF-1975	PLUG, DRAIN	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
12	TF-1973	SCREW, MACHINE - 1/4" - 20 NC x 3 1/4"	1
13	C-5774	LOCKWASHER - 1/4"	1
14	C-5780	NUT - 1/4" - 20 NC	1
NOT INCLUDED IN TF-28 FILTER ASSEMBLY			
15	H-8524	CAPSCREW - 3/8" NC x 5/8" } Used with TF-647 Fuller Trans. Assy. ...	4
16	C-312	LOCKWASHER - 3/8" }	4
15	C-5747	CAPSCREW - 5/16" NC x 3/4" } Used with TG-1295, TH-1444, TL-5490, &	4
16	C-1538	LOCKWASHER - 5/16" } TV-1344 Fuller & TF-5140 Spicer Trans. Assy.	4

FIGURE 1593B

OIL FILTER ASSEMBLY SV-8598

1	TC-6744	BRACKET	2
2	TC-6743	BODY ASSEMBLY	1
3	SV-6848	CARTRIDGE	1
4	TC-6742	GASKET, COVER	1
5	TC-6741	COVER ASSEMBLY	1
6	TC-6745	BOLT	2
7	TC-6746	LOCKWASHER	2
8	TC-6747	NUT	2
(USED WITH ALLISON TRANS. OIL PIPING)			

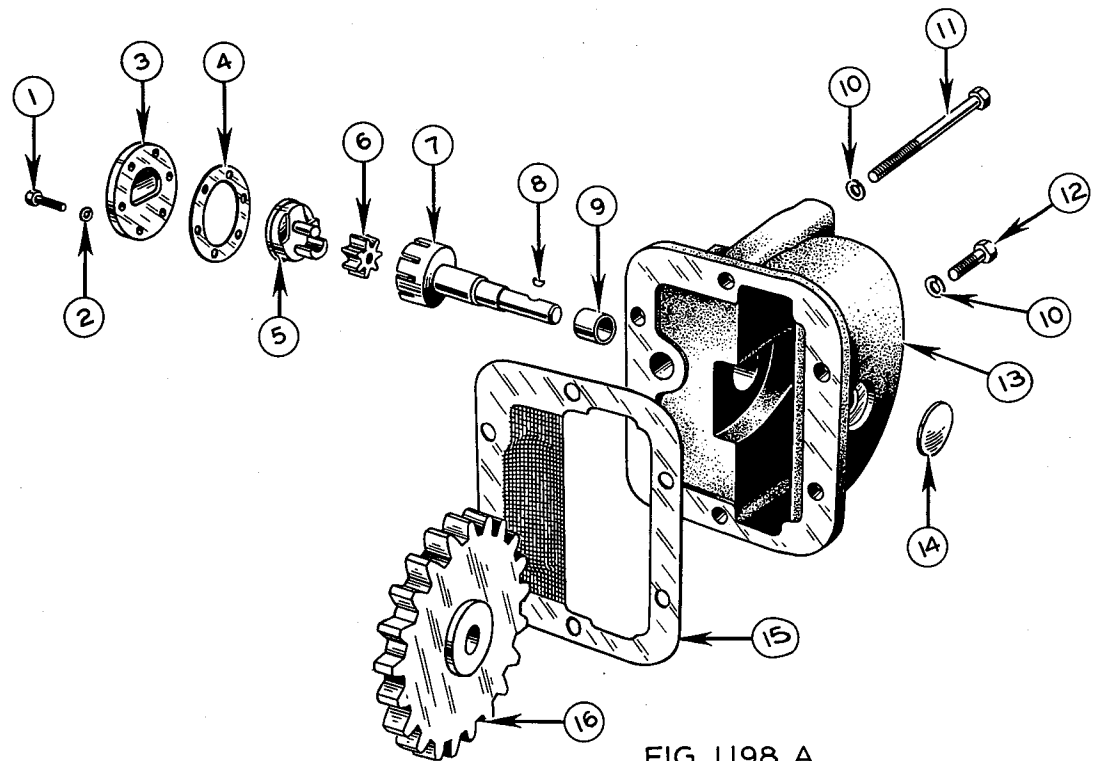


FIG. 1198 A

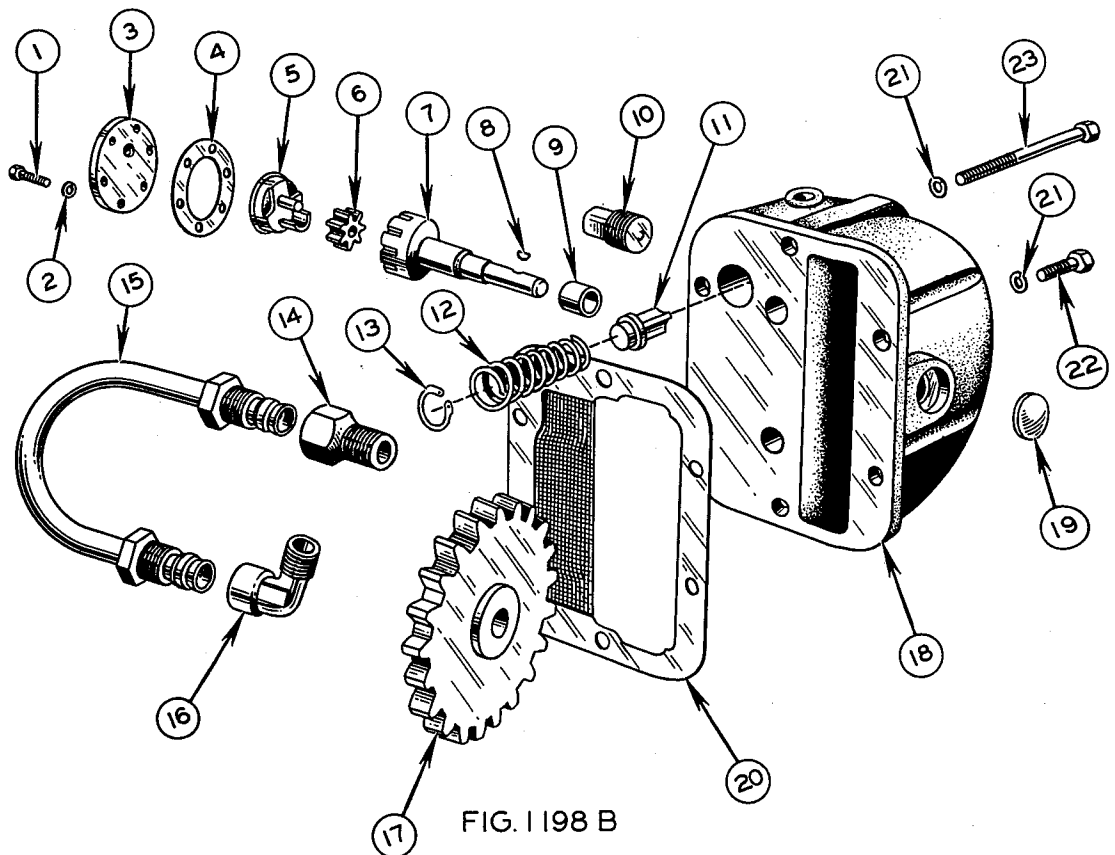


FIG. 1198 B

TRANSMISSION OIL PUMP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1198A

TRANSMISSION OIL PUMP ASSEMBLY

TF-1958 *
TF-2832 **

Ref. No.	Part No.	Description	Qty.
1	C-5746	CAPSCREW - 1/4" - 20 NC x 3/4"	6
2	C-5774	LOCKWASHER - 1/4"	6
3	TF-49	HEAD *	1
	TG-1458	HEAD **	1
4	TF-48	GASKET	1
5	TF-43	REVERSING HEAD ASSEMBLY	1
6	TF-47	GEAR, IDLER	1
7	TF-45	ROTOR	1
8	TF-51	KEY	1
9	TF-46	SPACER	1
10	C-312	LOCKWASHER - 3/8"	4
11	CC-8396	CAPSCREW - 3/8" - 16NC x 2 3/4"	2
	C-5753	CAPSCREW - 3/8" - 16NC x 4"	2
12	C-1602	CAPSCREW - 3/8" - 16NC x 1"	2
13	TF-40	HOUSING	1
	TF-41	BUSHING, MAIN	1
	TF-42	BUSHING, OUTBOARD	1
14	SD-8913	PLUG, EXPANSION	1
15	TF-3140	GASKET (Not Included in Pump Assy.)	1
16	TF-1983	GEAR, DRIVE	1

* INCLUDED IN TF-647 FULLER TRANSMISSION ASSY.
** USED WITH TF-5140 SPICER TRANSMISSION ASSY.

FIGURE 1198B

TRANSMISSION OIL PUMP ASSEMBLY

TG-4643
TV-2982 *

1	C-5746	CAPSCREW - 1/4" - 20NC x 3/4"	6
2	C-5774	LOCKWASHER - 1/4"	6
3	TG-1458	HEAD, OUTER	1
4	TF-48	GASKET	1
5	TF-43	REVERSING HEAD ASSEMBLY	1
6	TF-47	GEAR, IDLER	1
7	TF-45	ROTOR	1
8	TF-51	KEY	1
9	TF-46	SPACER	1
10	TF-9	PLUG, PIPE - 3/8" NPT	1
11	TG-4648	VALVE, BY PASS	1
12	TG-4646	SPRING	1
13	TG-4647	RING, SNAP	1
14	TG-5950	CONNECTOR	1
15	TH-1602	TUBE ASSEMBLY	1
16	TG-4649	ELL, STREET	1
17	TG-4644	GEAR, DRIVE	1
18	TG-4645	HOUSING	1
	TV-2993	HOUSING *	1
	TF-41	BUSHING, MAIN	1
	TF-42	BUSHING, OUTBOARD	1
19	SH-519	PLUG, EXPANSION	1
20	TG-5952	GASKET & SCREEN	1
21	C-312	LOCKWASHER - 3/8"	6
22	TF-1964	CAPSCREW - 3/8" - 16NC x 1 1/4"	2
23	SD-5157	CAPSCREW - 3/8" - 16NC x 3 1/4"	4

Not Included in Pump Assy.

(INCLUDED IN TH-1444, TL-5490 & TV-1344 FULLER TRANS. ASSY.)
(USED WITH TG-1295 FULLER TRANSMISSION ASSEMBLY)

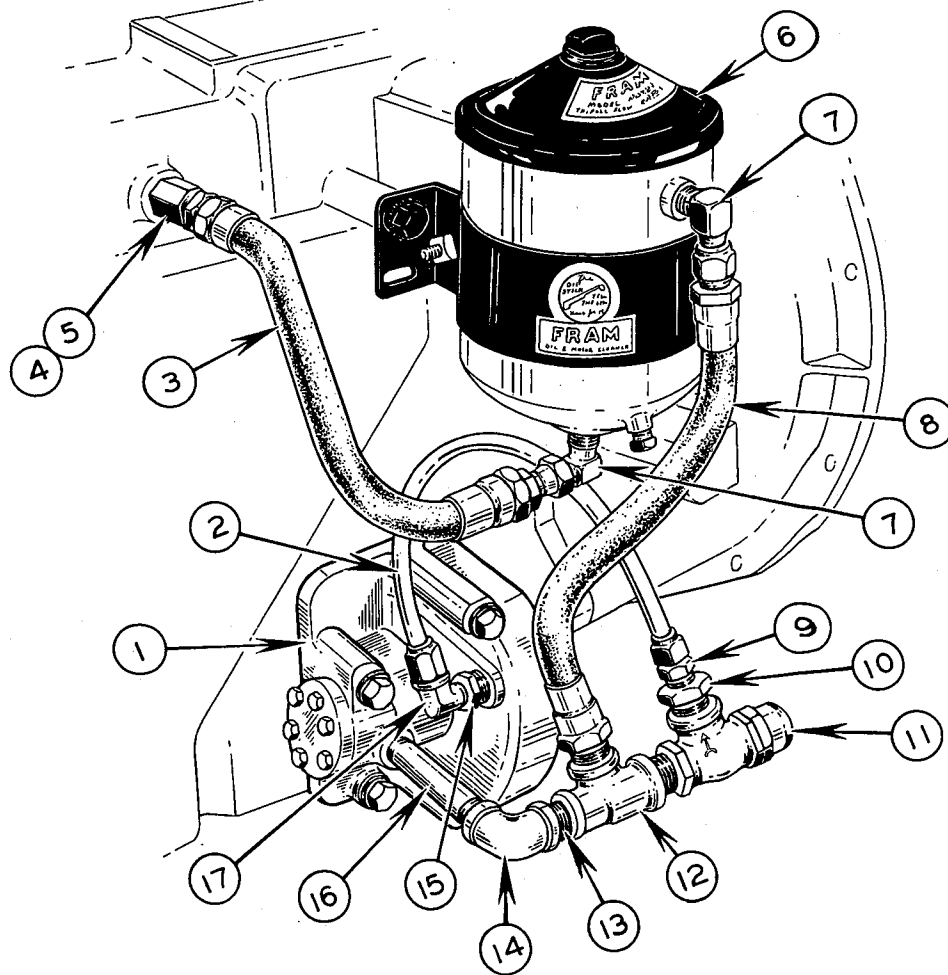


FIG. 1212

TRANSMISSION OIL PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1212

TRANSMISSION OIL PIPING

Ref. No.	Part No.	Description	Qty.
1	TF-1958	PUMP (See Index)	1
2	TF-463	TUBE ASSEMBLY - 3/8" x 12 3/8"	1
3	TF-4216	HOSE ASSEMBLY - 3/8" x 13"	1
4	TF-623	ADAPTOR	1
5	H-738	WASHER	1
6	TF-28	OIL FILTER (See Index)	1
7	TD-5557	ADAPTOR - 90°	2
8	TF-4415	HOSE ASSEMBLY - 3/8" x 12"	1
9	HC-2489	#68 FLEX CONNECTOR	1
10	S-5823	BUSHING - 1/2" x 1/4"	1
11	TD-8753	VALVE, BY-PASS	1
12	TF-624	TEE - 1/2" x 3/8" x 3/8"	1
13	HC-1581	NIPPLE - 3/8"	1
14	H-3374	ELBOW - 3/8"	1
15	R-86	BUSHING - 3/8" x 1/4"	1
16	SD-5190	NIPPLE - 3/8" x 3"	1
17	H-8549	#69 FLEX ELBOW	1
(USED WITH TF-647 FULLER 5A-650 TRANSMISSION ASSY.)			

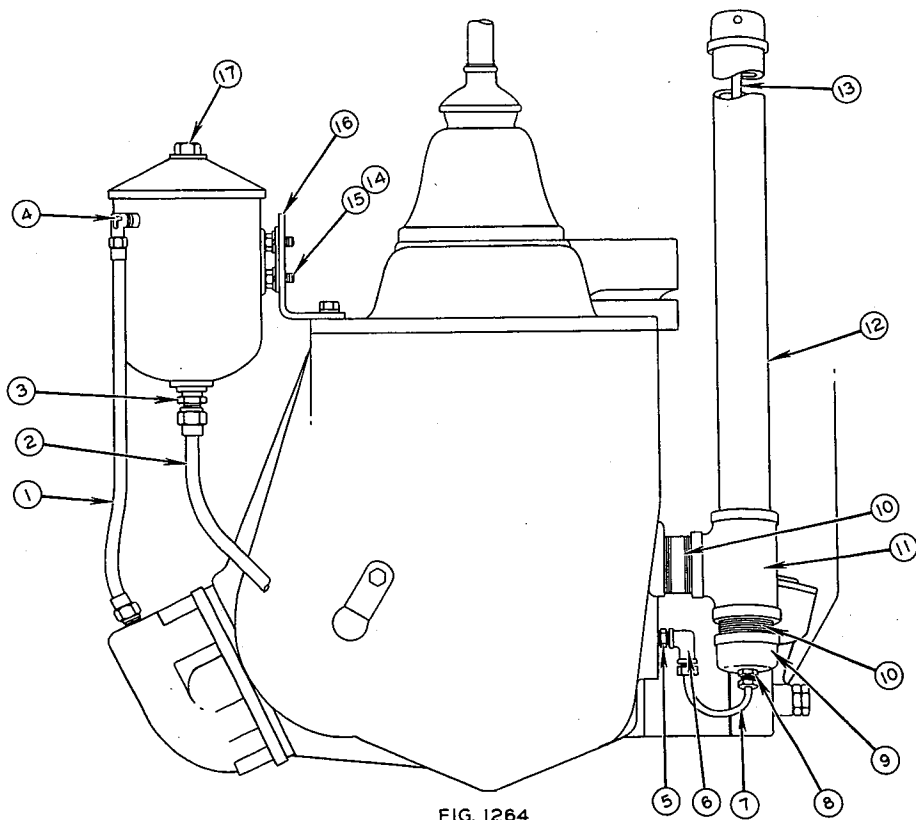
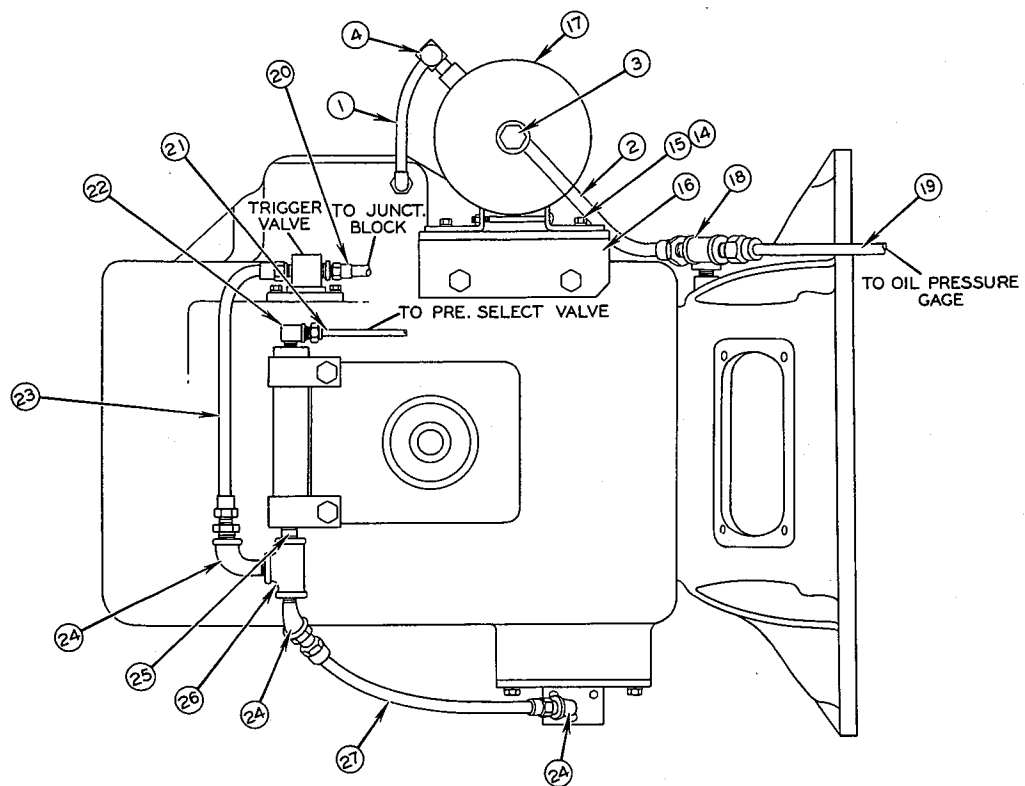


FIG. 1264

FULLER 5G-720
TRANSMISSION OIL & AIR PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1264

TRANSMISSION OIL & AIR PIPING

Ref. No.	Part No.	Description	Qty.
1	TF-4419	HOSE ASSY. - 3/8" x 14"	1
2	TF-4216	HOSE ASSY. - 3/8" x 13"	1
3	TD-9743	ADAPTOR, STRAIGHT - 3/8" NPT x 9/16" - 18 NF	1
4	TD-5557	ADAPTOR, 90° - 3/8" NPT x 9/16" - 18 NF	1
5	DC-3603	BUSHING - 1/8" x 1/4"	1
6	SC-8897	ELBOW - #69 FL.	1
7	TG-2610	TUBE ASSY. - 1/4" O.D. x 8"	1
	DC-3601	NUT	2
	HC-2483	SLEEVE	2
8	DC-3600	CONNECTOR - #68 FL.	1
9	TC-1004	PIPE CAP - 1 1/4" NPT	1
10	SD-5205	CLOSE NIPPLE - 1 1/4" NPT	2
11	SV-9138	PIPE TEE - 1 1/4" NPT	1
12	TG-3204	PIPE - 1 1/4" NPT x 23 7/8"	1
13	TG-3202	DIPSTICK & CAP	1
14	C-5747	CAPSCREW - 5/16" - 18 NC x 3/4"	4
15	C-1538	LOCKWASHER - 5/16"	4
16	TG-7483	MOUNT BRACKET, FILTER	1
17	TF-28	OIL FILTER (See Index)	1
18	R-2508	PIPE TEE - 1/4"	1
19	TF-4154	HOSE ASSY. - 1/4" x 72"	1
20	TF-4143	HOSE ASSY. - 1/4" x 45" - TO JUNCTION BLOCK	1
21	TG-2613	TUBE ASSY. - 3/16" O.D. x 72" - TO PRE-SELECT VALVE	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
22	C-9806	IMP. ELL - 90°	1
23	TG-6005	HOSE ASSY. (12 1/2")	1
24	TF-22	ELL, STREET	3
25	H-2861	NIPPLE, PIPE	1
26	R-2404	TEE, PIPE	1
27	TG-9995	HOSE ASSY. (22")	1

(USED WITH TG-1295 & TH-1444 FULLER 5G-720 TRANS.)

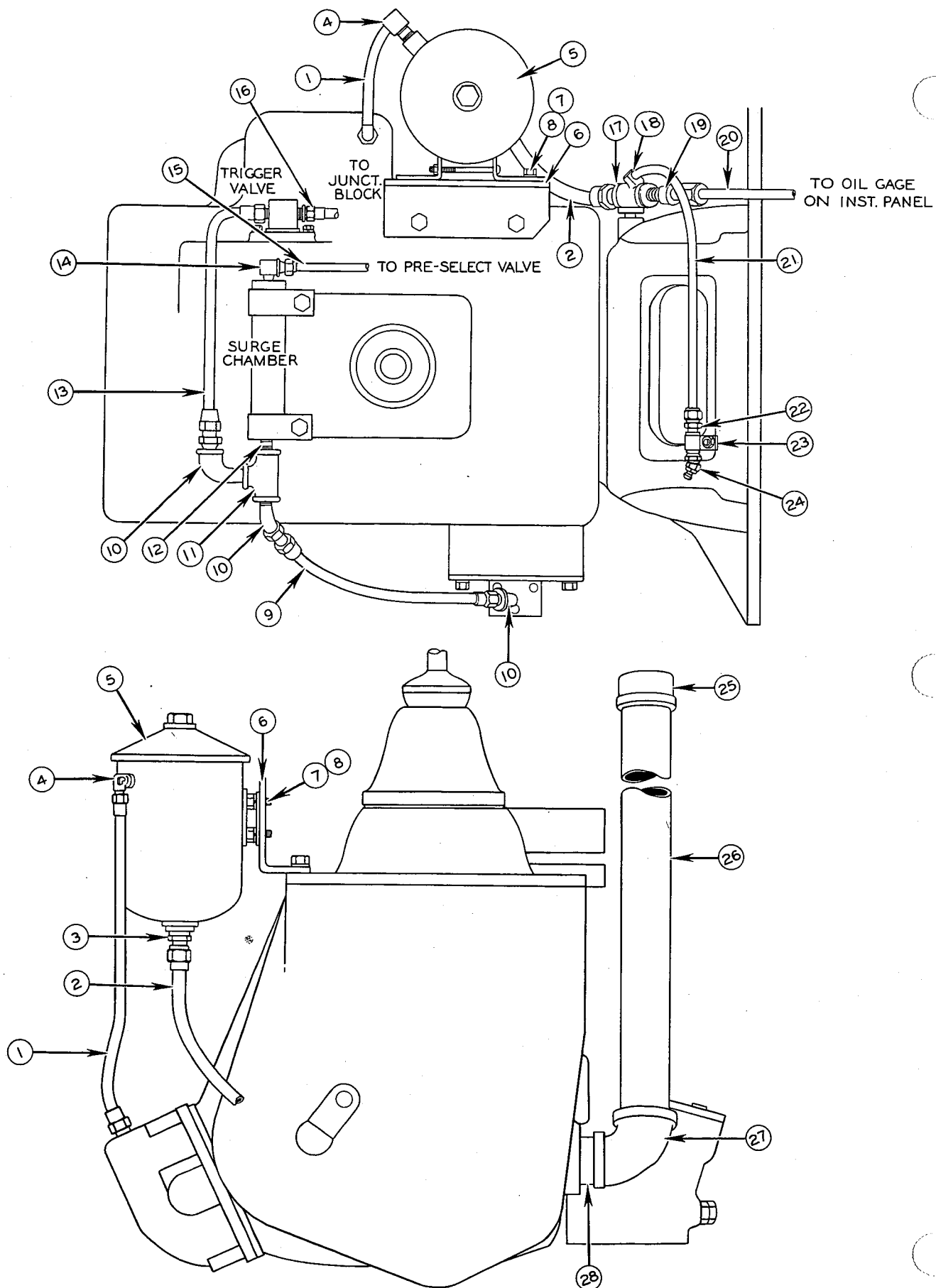


FIG. 1739
FULLER SG-720
TRANSMISSION OIL & AIR PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1739

TRANSMISSION OIL & AIR PIPING

Ref. No.	Part No.	Description	Qty.
1	TF-4419	HOSE ASSEMBLY - 3/8" x 14" (Effective thru Serial Suffix DPF2-J)	1
	VH-5956	HOSE ASSEMBLY - (Effective with Serial Suffix DPF2-K)	1
2	TF-4216	HOSE ASSEMBLY - 3/8" x 13" (Effective thru Serial Suffix DPF2-J)	1
	VH-5957	HOSE ASSEMBLY -(Effective with Serial Suffix DPF2-K)	1
3	TD-9743	ADAPTOR, STRAIGHT - 3/8"NPT x 9/16" NF	1
4	TD-5557	ADAPTOR - 90° - 3/8"NPT x 9/16"NF	1
5	TF-28	FILTER, TRANSMISSION OIL (See Index)	1
6	TG-7483	BRACKET, OIL FILTER MOUNT	1
7	C-5747	CAPSCREW - 5/16" - 18NC x 3/4"	4
8	C-1538	LOCKWASHER - 5/16"	4
9	TG-9995	HOSE ASSEMBLY	1
10	TF-22	ELL, STREET	3
11	R-2404	TEE, PIPE - 1/8"NPT	1
12	H-2861	NIPPLE, PIPE	1
13	TG-6005	HOSE ASSEMBLY (12 1/2")	1
14	C-9806	IMP. ELL - 90° (Effective thru Serial Suffix DPF2-J)	1
	TV-3609	IMP. ELL - 90° (Effective with Serial Suffix DPF2-K)	1
15	TG-2613	TUBE ASSEMBLY - 3/16" O.D. x 72" - TO PRE-SELECT VALVE	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
16	TF-4143	HOSE ASSEMBLY - 1/4" x 45" - TO JUNCTION BLOCK	1
17	R-2508	TEE, PIPE - 1/4"NPT	1
18	SC-8897	ELBOW, TUBE - 1/8"NPT x 1/2" - 24 x 90°	1
19	S-7182	ELL, STREET - 1/4"NPT x 45°	1
20	TF-4154	HOSE ASSEMBLY - 1/4" x 72" (Effective thru Serial Suffix DPF2-J)	1
	VH-5958	HOSE ASSEMBLY (Effective with Serial Suffix DPF2-K)	1
21	TL-8674	TUBE ASSEMBLY - 1/4" x 16 1/4"	1
	DC-3601	NUT	2
	HD-2483	SLEEVE	2
22	DC-3600	CONNECTOR, TUBE - 1/8"NPT x 1/2" - 24	1
23	SV-2616	CLAMP	1
24	C-1596	ZERK, GREASE - 1/8"NPT	1
25	TH-7026	DIPSTICK (Effective thru Serial Suffix DPF2-H)	1
	VC-1065	DIPSTICK (Effective with Serial Suffix DPF2-J)	1
26	TL-5492	PIPE - 1 1/4"NPT (Effective thru Serial Suffix DPF2-H)	1
	VC-1064	PIPE - 1 1/4"NPT (Effective with Serial Suffix DPF2-J)	1
27	TL-5491	ELBOW, PIPE - 1 1/4"NPT x 90° - GALV.	1
28	TH-7002	NIPPLE, CLOSE - 1 1/4"NPT	1
NOT SHOWN			
	TL-8688	CLAMP	1
	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	1
	C-312	LOCKWASHER - 3/8"	1
	SP-6234	GROMMET, CABLE	1
	DF-1800	SCREW, MACHINE - 1/4" - 20NC x 3/4"	2
	DF-1577	NUT - 1/4" - 20NC	2
	C-5774	LOCKWASHER - 1/4"	2
(USED WITH TL-5490 & TV-1344 -VF-3215 & VH-1793 FULLER 5G720 TRANS.)			

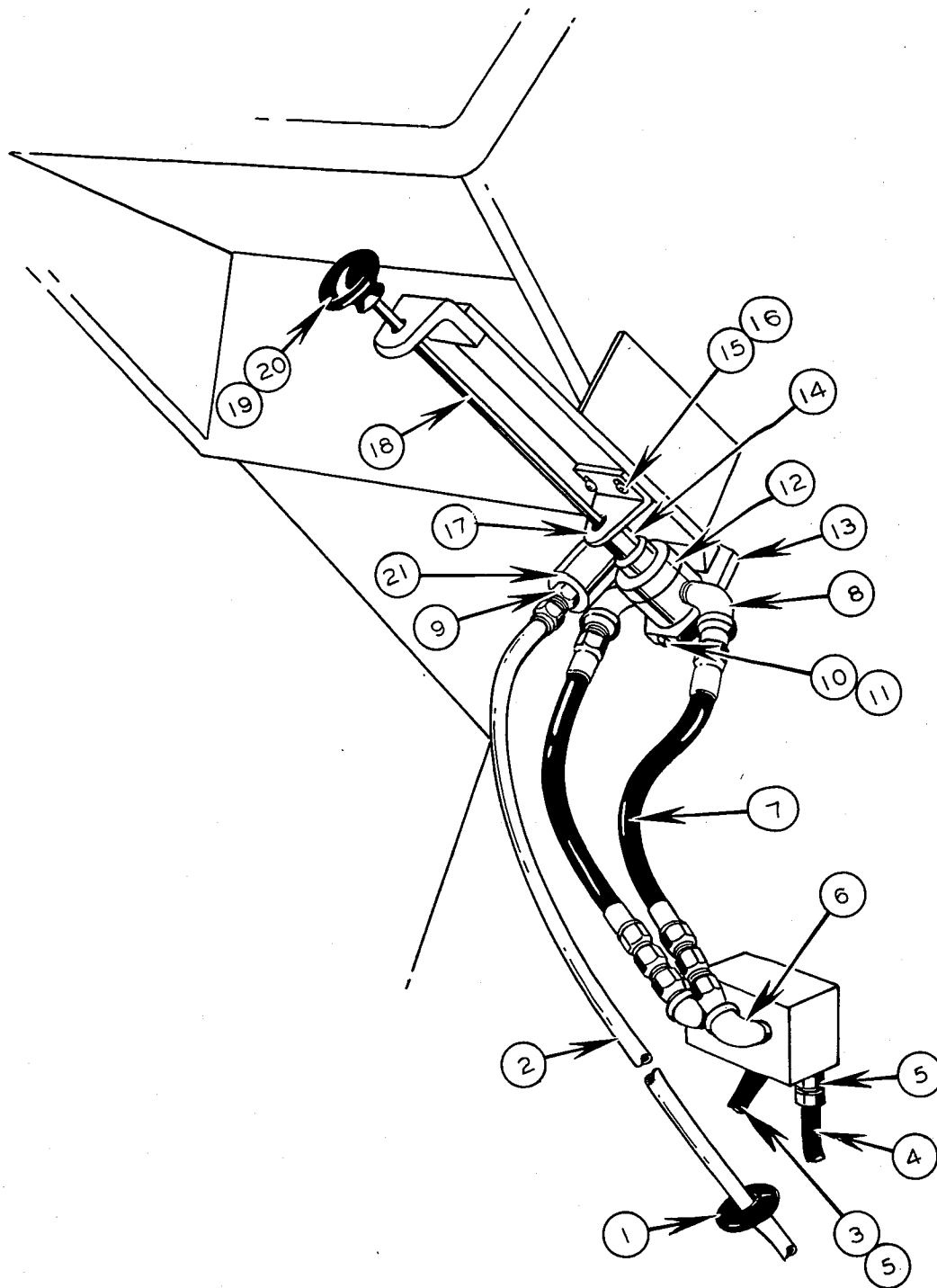


FIG. 1270

TRANSMISSION PRE-SELECT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1270

TRANSMISSION PRE-SELECT PIPING

Ref. No.	Part No.	Description	Qty.
1	DC-4088	GROMMET	1
2	TG-2613	TUBE ASSY. - 1/16" O.D. x 72" - TO SURGE CHAMBER	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
3	TF-4124	HOSE ASSY. - 1/4" x 20" - TO TREADLE VALVE	1
4	TF-4143	HOSE ASSY. - 1/4" x 45" - TO TRIGGER VALVE	1
5	TD-9719	ADAPTOR, STRAIGHT	2
6	S-2916	ELL, STREET - 1/4" x 90°	3
7	TF-4110	HOSE ASSY. - 1/4" x 10"	2
8	TD-9747	FL. ELL - 90°	2
9	SD-8661	ADAPTOR, STRAIGHT	1
10	SC-4506	SCREW, MACHINE - #6 NC x 3/8"	3
11	R-2641	LOCKWASHER - #6	3
12	TL-8760	VALVE, PRE-SELECT (Effective with Serial Suffix DPF2A & Up)	1
	TF-24	VALVE, PRE-SELECT	1
	TF-23	BUSHING } (Effective thru Serial Suffix DPF2)	1
13	TF-26	BASE, VALVE	1
14	TF-603	SLEEVE	1
15	H-2969	SCREW, MACHINE - #12-24 x 3/8"	2
16	R-8870	LOCKWASHER - #12	2
17	TF-609	BRACKET	1
18	TF-602	ROD, PUSH (Effective thru Serial Suffix DPF2)	1
	TH-1418	ROD, PUSH (Effective with Serial Suffix DPF2-A & Up)	1
19	SV-2738	KNOB	1
20	SF-9144	NUT, JAM - 1/4" NC	2
21	TF-25	VALVE, RETURN	1
NOT SHOWN			
	SV-6216	SLEEVE	2
	TD-9143	CLAMP, CAT	2
(USED WITH TG-1295 & TH-1444 FULLER 5G-720 TRANSMISSION)			

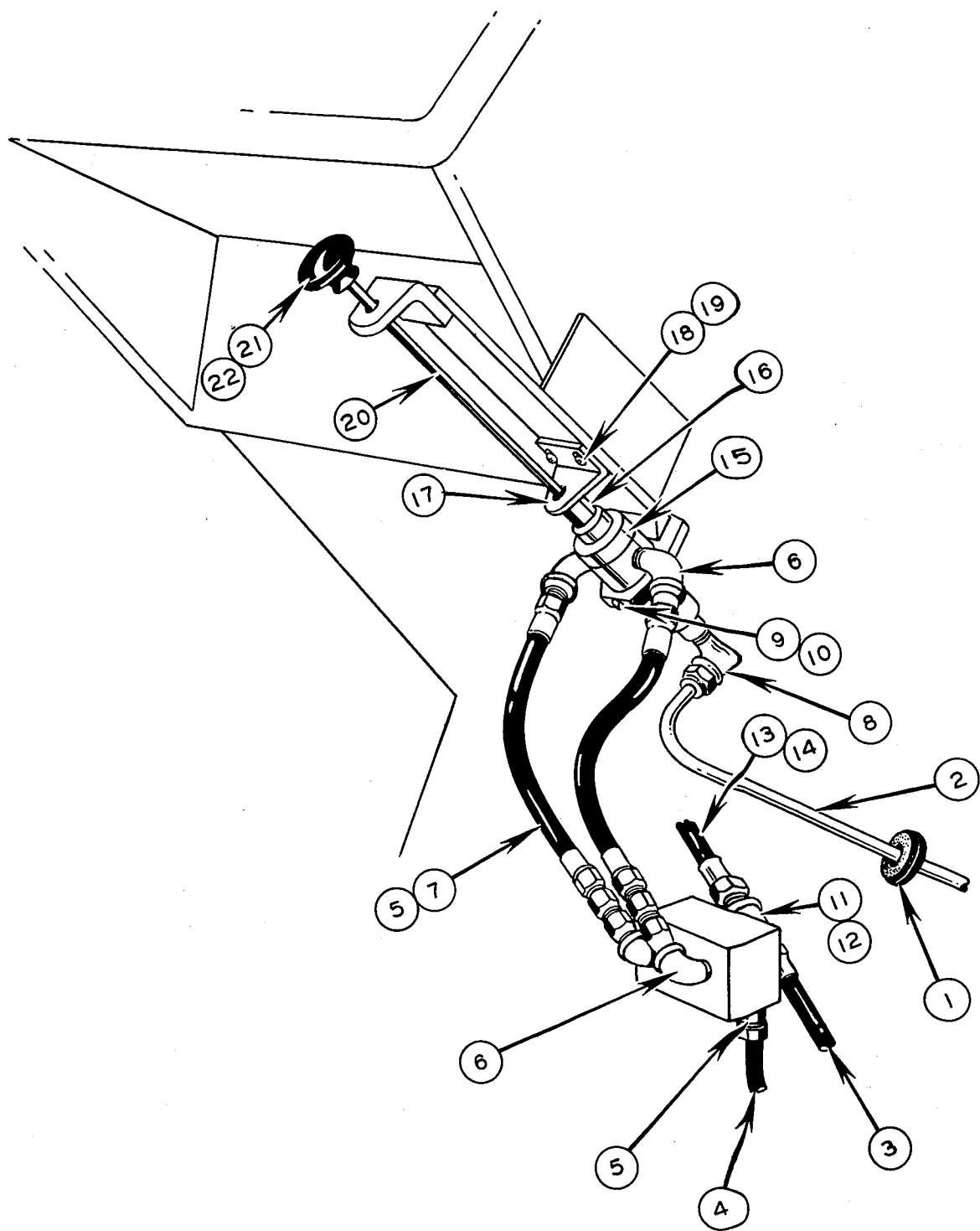


FIG. 1740

TRANSMISSION PRE-SELECT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1740

TRANSMISSION PRE-SELECT

Ref. No.	Part No.	Description	Qty.
1	DC-4088	GROMMET	1
2	TG-2613	TUBE ASSY. - 3/16" O.D. x 72" - TO SURGE CHAMBER	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
3	TF-4124	HOSE ASSEMBLY - 1/4" x 20" - TO JUNCTION BLOCK	1
4	TF-4143	HOSE ASSEMBLY - 1/4" x 45" - TO TRIGGER VALVE	1
5	TD-9719	ADAPTOR, STRAIGHT	4
6	S-2916	ELBOW, STREET - 1/4"	4
7	TF-4110	HOSE ASSEMBLY - 1/4" x 10"	2
8	C-9806	ADAPTOR - 90°	1
9	SC-4506	SCREW, MACHINE - #6 NC x 3/8"	3
10	R-2641	LOCKWASHER - #6	3
11	R-2508	TEE, PIPE - 1/4"	1
12	R-2510	NIPPLE, CLOSE - 1/4"	1
13	TF-4132	HOSE ASSEMBLY - 1/4" x 30"	1
14	TD-9723	ADAPTOR	1
15	TL-8760	VALVE, PRE-SELECT	1
16	TF-603	SLEEVE	1
17	TF-609	BENT ANGLE	1
18	H-2969	SCREW, MACHINE - #12 NC x 3/8"	2
19	SF-5816	WASHER, FLAT	2
20	TH-1418	ROD, PUSH	1
21	SF-9144	NUT, JAM - 1/4" NC	2
22	SV-2738	KNOB, PLASTIC	1
		NOT SHOWN	
	SV-6216	SLEEVE	2
	TD-9143	CLAMP, CAT	2
(EFFECTIVE WITH SERIAL SUFFIX DPF2-D ONLY.)			

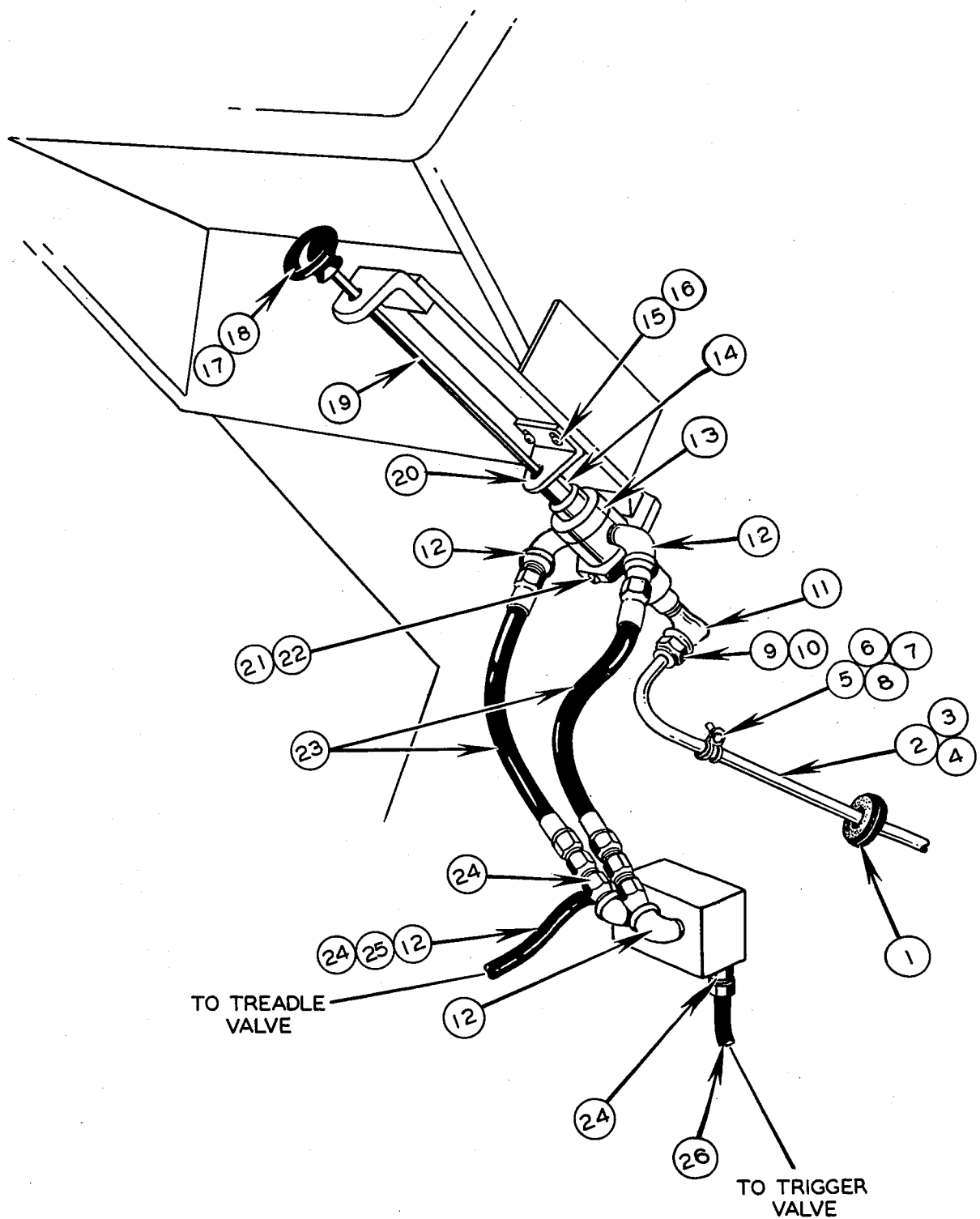


FIG. 2467

TRANSMISSION PRE-SELECT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2467

TRANSMISSION PRE-SELECT

Ref. No.	Part No.	Description	Qty.
1	DC-4088	GROMMET	1
2	SV-6216	SLEEVE	2
3	VF-9080	TUBE, NYLOFLOW	1
4	VF-9081	TUBE, PROTECTIVE	1
5	VF-9079	CLAMP, CUSHION TUBE	1
6	H-8136	SCREW, CAP - 1/4" - 20NC x 1/2"	1
7	C-5774	WASHER, LOCK - 1/4"	1
8	C-5780	NUT - 1/4" -20NC	1
9	TV-3607	SLEEVE, TUBE - #260	2
10	TV-3606	NUT, TUBE - #261	2
11	TV-3609	ELBOW, TUBE - #269	1
12	S-2916	ELL, STREET - 1/4" NPT	5
13	TL-8760	VALVE, PRE-SELECT	1
14	TF-603	SLEEVE	1
15	H-2969	SCREW, ROUND HEAD MACHINE - #12-24NC x 3/8"	2
16	SF-5816	WASHER, FLAT	1
17	SV-2738	KNOB, PLASTIC	1
18	SV-9144	NUT, JAM - 1/4" - 20NC	2
19	TH-1418	ROD, PUSH	1
20	TF-609	BENT ANGLE	1
21	SC-4506	SCREW, ROUND HEAD MACHINE - #6-32NC x 3/8"	3
22	R-2641	WASHER, LOCK - #6	3
23	TF-4110	HOSE ASSEMBLY - 1/4" x 10"	2
24	TD-9719	ADAPTOR - 1/4" NPT x 1/2" - 20NF	5
25	TF-4124	HOSE ASSEMBLY - 1/4" x 20"	1
26	TF-4143	HOSE ASSEMBLY - 1/4" x 45"	1
		NOT SHOWN	
	TD-9143	CLAMP, CAT	2

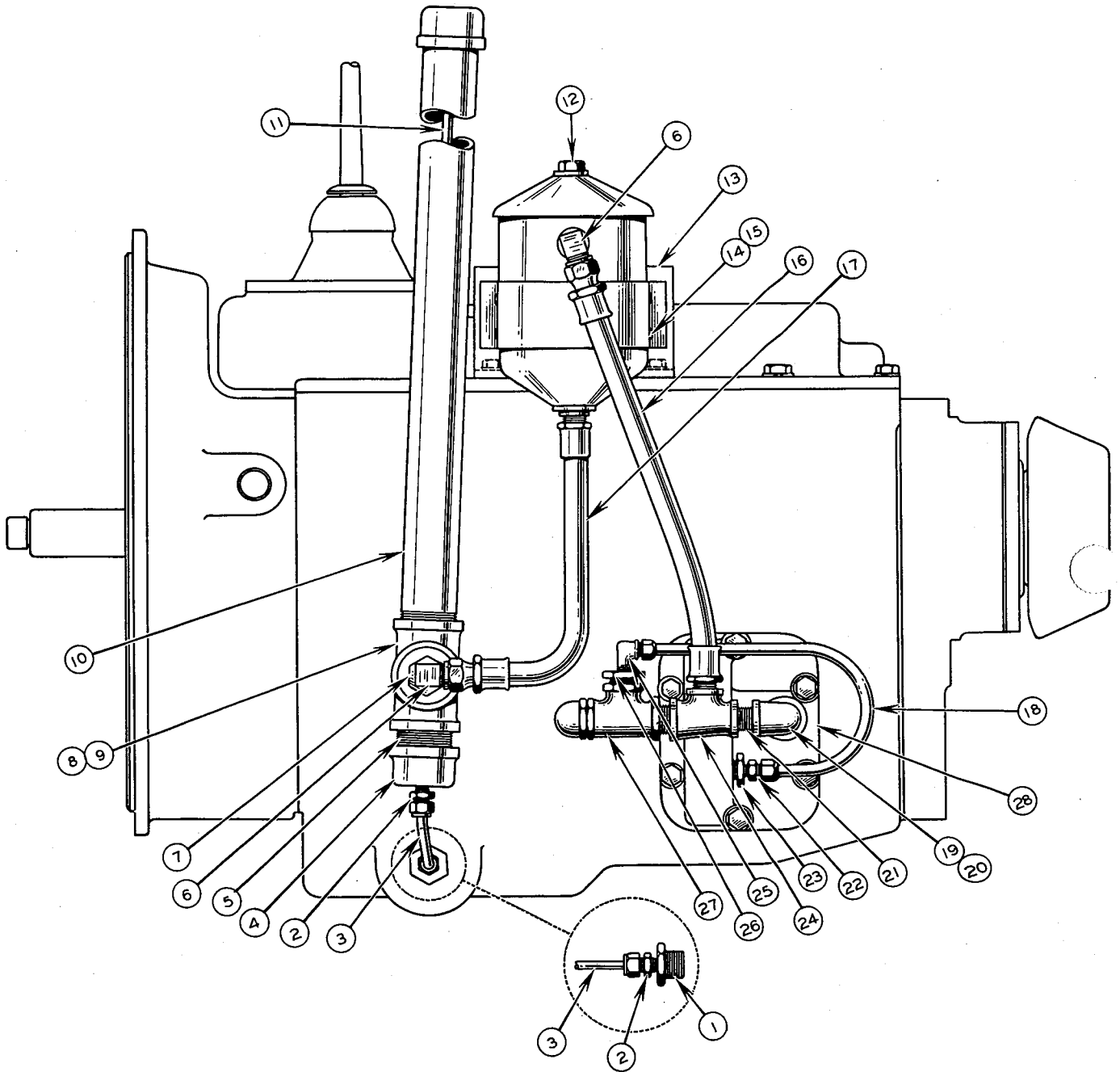


FIG. 1213

SPICER #6453
TRANSMISSION OIL PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1213

TRANSMISSION OIL PIPING

Ref. No.	Part No.	Description	Qty.
1	SD-5207	BUSHING - 3/4" x 1/8"	1
2	DC-3600	CONNECTOR - #68 FL.	2
3	TF-2828	TUBE ASSY. - 1/4" O.D. x 5 11/16"	1
	DC-3601	NUT	2
	HC-2483	SLEEVE	2
4	TC-1004	PIPE CAP, DRILLED - 1 1/4" NPT	1
5	SD-5205	CLOSE NIPPLE - 1 1/4" NPT	1
6	TD-5557	ADAPTOR - 90°	2
7	SV-9842	BUSHING - 1 1/4" x 3/8"	1
8	TF-2831	PIPE CROSS - 1 1/4" NPT	1
9	H-3458	NIPPLE - 1 1/4" NPT x 2 1/2"	1
10	TF-2830	PIPE - 1 1/4" NPT x 25"	1
11	TG-6180	DIPSTICK & CAP	1
12	TF-28	OIL FILTER (See Index)	1
13	TF-2829	MOUNT BRACKET, FILTER	1
14	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
15	C-1538	LOCKWASHER - 5/16"	4
16	TF-4419	HOSE ASSY. - 3/8" x 14"	1
17	TF-4415	HOSE ASSY. - 3/8" x 12"	1
18	TF-2825	TUBE ASSY. - 3/8" O.D. x 13 3/8"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
19	H-3374	PIPE ELBOW - 3/8" NPT x 90°	1
20	SD-5190	NIPPLE - 3/8" NPT x 3"	1
21	HC-1851	CLOSE NIPPLE - 3/8" NPT	1
22	HC-2489	CONNECTOR - #68 FL.	1
23	R-86	BUSHING - 3/8" x 1/4"	1
24	TF-624	PIPE TEE - 1/2" x 3/8" x 3/8"	1
25	H-8549	ELBOW - #69 FL.	1
26	S-5823	BUSHING - 1/2" x 1/4"	1
27	TD-8753	VALVE, BY-PASS	1
28	TF-2832	PUMP (See Index)	1
(USED WITH SPICER 6453 TRANSMISSION ASSY.)			

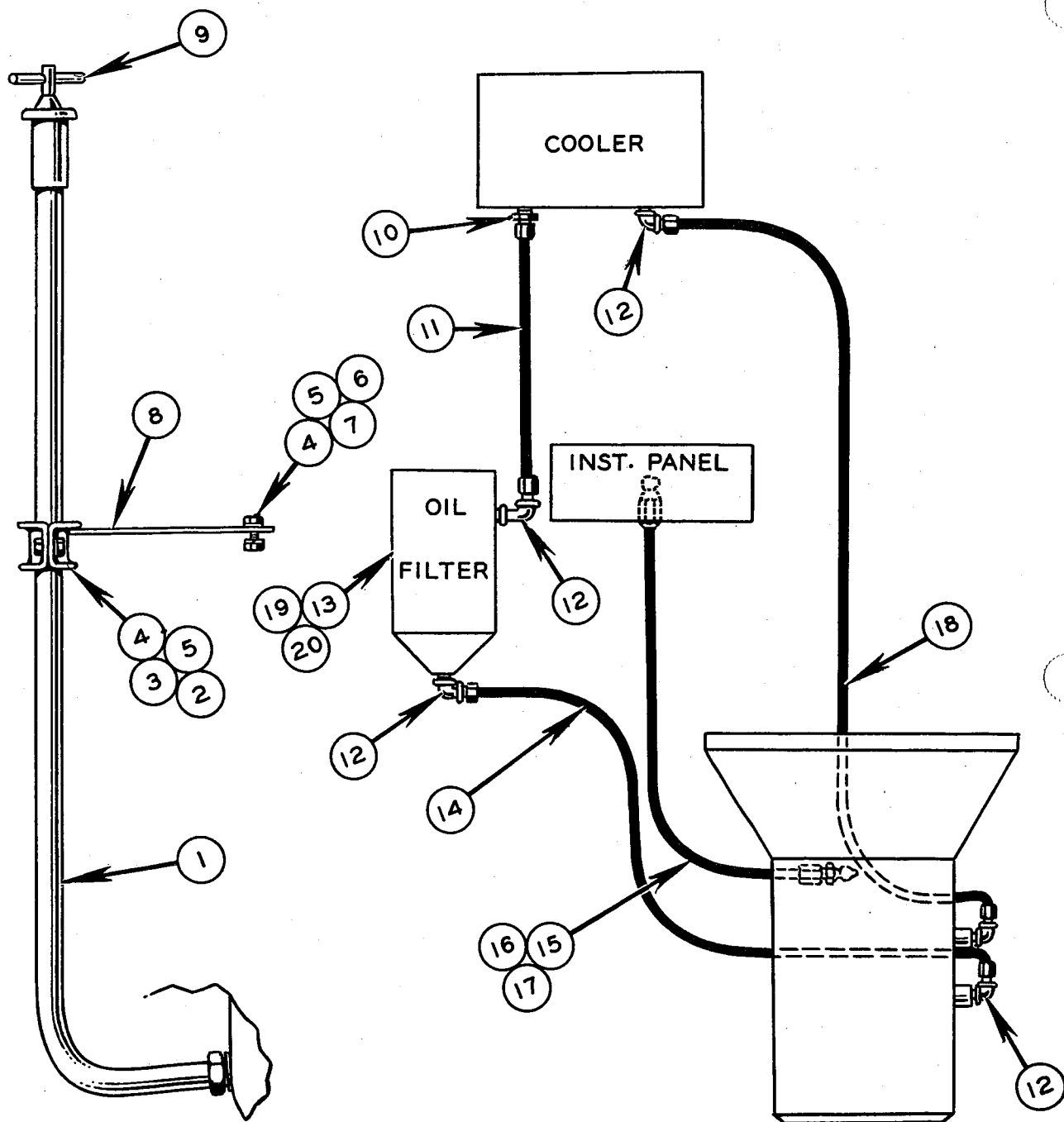


FIG. 1592

PIPING-ALLISON TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1592

PIPING - ALLISON TRANSMISSION

Ref. No.	Part No.	Description	Qty.
1	TH-4331	PIPE, TRANSMISSION FILL	1
2	DF-1311	GROMMET	1
3	H-8136	CAPSCREW - 1/4" - 20 NC x 1/2"	2
4	C-5774	LOCKWASHER - 1/4"	10
5	C-5780	NUT - 1/4" NC	10
6	C-7588	CAPSCREW - 1/4" - 20 NC x 1"	2
7	SF-5816	FLATWASHER - 1/4"	2
8	TH-4328	BRACKET, FILL PIPE SUPPORT	1
9	TH-4330	DIPSTICK	1
10	TD-9722	ADAPTOR	1
11	TF-4536	HOSE ASSY. - 3/4" x 36"	1
12	TD-9749	ELBOW - 90°	5
13	SV-8598	FILTER ASSEMBLY (See Index)	1
14	TF-4549	HOSE ASSY. - 3/4" x 54"	1
15	TH-6457	HOSE ASSY. - 90° - CLUTCH OIL PRESSURE	1
16	SV-7053	ADAPTOR	1
17	R-900	ELL, STREET - 1/8" x 90°	1
18	TF-4557	HOSE ASSY. - 3/4" x 78"	1
19	R-3869	CAPSCREW - 5/16" NC x 5/8"	4
20	C-1538	LOCKWASHER - 5/16"	4
		NOT SHOWN	
	TG-3871	CLIP, CAT	1
	DC-5036	CLIP, JIFFY	3
	SD-7389	CLIP, JIFFY	3
	SP-7847	CLIP, CAT	1
(EFFECTIVE WITH SERIAL SUFFIX DPA-2 THRU DPA2-C)			

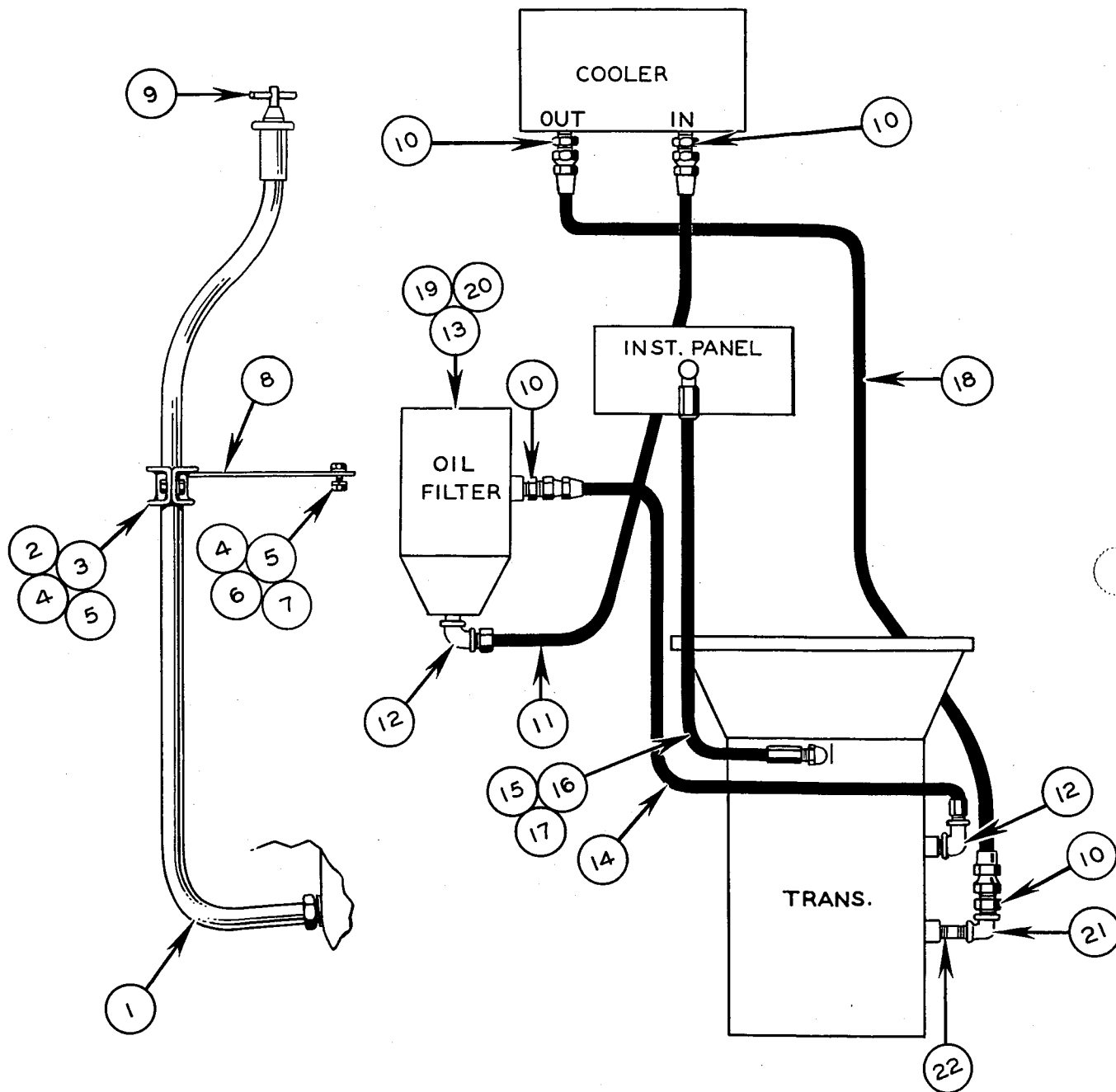


FIG. 1994

PIPING-ALLISON TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1994

PIPING - ALLISON TRANSMISSION

Ref. No.	Part No.	Description	Qty.
1	TR-3518	PIPE, TRANSMISSION FILL	1
2	DF-1311	GROMMET	1
3	H-8136	CAPSCREW - 1/4" - 20 NC x 1/2"	2
4	C-5774	LOCKWASHER - 1/4"	10
5	C-5780	NUT - 1/4" - 20 NC	10
6	C-7588	CAPSCREW - 1/4" - 20 NC x 1"	2
7	SF-5816	FLATWASHER - 1/4"	2
8	TH-4328	BRACKET, FILL PIPE SUPPORT	1
9	TR-3519	DIPSTICK	1
10	TD-9722	ADAPTOR	4
11	TF-4536	HOSE ASSY. - 3/4" x 36"	1
12	TD-9749	ELBOW - 90°	2
13	SV-8598	FILTER ASSEMBLY (See Index)	1
14	TF-4549	HOSE ASSY. - 3/4" x 54"	1
15	TH-6457	HOSE ASSY. - 90" - CLUTCH OIL PRESSURE	1
16	SV-7053	ADAPTOR	1
17	R-900	ELL, STREET - 1/8" NPT x 90°	1
18	TF-4557	HOSE ASSY. - 3/4" x 78"	1
19	R-3869	CAPSCREW - 5/16" - 18NC x 5/8"	4
20	C-1538	LOCKWASHER - 5/16"	4
21	DC-4976	ELBOW - 3/4" NPT x 90°	1
22	TF-5435	NIPPLE, PIPE - 3/4" NPT x 2 1/2"	1
NOT SHOWN			
	TG-3871	CLIP, CAT	1
	DC-5036	CLIP, JIFFY	3
	SD-7389	CLIP, JIFFY	2
	SP-7847	CLIP, CAT	1
(EFFECTIVE WITH SERIAL SUFFIX DPA2-D)			

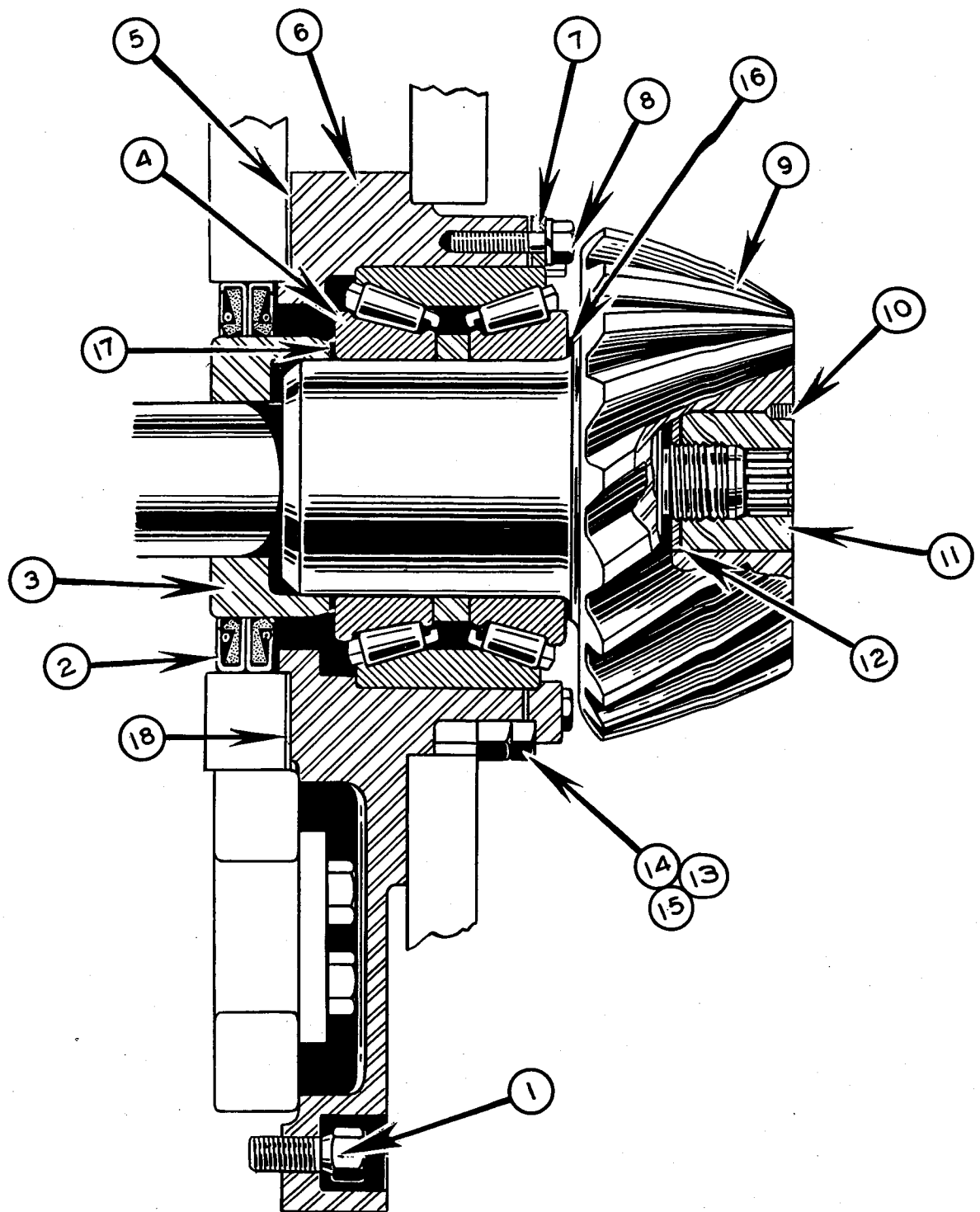


FIG. 1265

TRANSMISSION ADAPTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1265

TRANSMISSION ADAPTOR

Ref. No.	Part No.	Description	Qty.
1	SG-3819	CAPSCREW, TAPERHEAD *	4
	DC-6166	CAPSCREW, TAPERHEAD ç	4
2	SP-2439	SEAL, OIL */ç	2
	SP-1870	SEAL, OIL #/**	2
3	SG-5903	BUSHING	1
	TG-5991	BUSHING #	1
4	SG-5907	BEARING	1
5	SF-3385	GASKET */**	1
	TR-2668	GASKET #	1
	TF-8027	GASKET ç	1
6	SG-5902	ADAPTOR *	1
	TL-5503	ADAPTOR **	1
	TG-5990	ADAPTOR #	1
	TF-8021	ADAPTOR ç	1
7	SG-5904	RETAINER	1
8	C-7568	CAPSCREW - 5/16" - 24NF x 1"	6
	C-1538	LOCKWASHER - 5/16"	6
9	SG-7870	RING GEAR & PINION SET (Sold in Sets Only) */ç	1
	TG-1294	RING GEAR & PINION SET (Sold in Sets Only) #/**	1
10	SG-3840	SETSCREW - 1/16" NPT	1
11	SG-7867	LOCKNUT */**/#	1
	TF-8019	LOCKNUT ç	1
12	SF-6834	SPACER */**/#	1
	TF-8020	SPACER ç	1
13	H-749	NUT, JAM - 1/2" NF */ç	8
14	SF-5699	STUD */# /ç	8
	TG-5996	STUD **	8
15	C-1524	NUT - 1/2" - 20NF */ç	8
	TG-7496	NUT - 1/2" - 20NF #/**	8
16	SP-6832	SHIM	AR
17	TG-5213	SHIM ç	AR
NOT SHOWN			
	SG-3818	COLLAR */**/ç	4
	C-1602	CAPSCREW - 3/8" - 16NC x 1"	4
	C-312	LOCKWASHER - 3/8"	4
	SG-4252	NUT - 5/8" - 18NF */ç	4
	TH-576	NUT, TAPER - 5/8" - 18NF **	4
	TG-5993	NUT - 5/8" - 18NF #	4
NOTES: * USED WITH TF-647 FULLER 5A-650 TRANSMISSION ASSY. # USED WITH TG-1295 FULLER 5G-720 TRANSMISSION ASSY. ** USED WITH TH-1444 & TL-5490 FULLER 5G-720 TRANSMISSION ASSY. ç USED WITH TF-5140 SPICER 6453 TRANSMISSION ASSY.			
(USED WITH FULLER & SPICER TRANSMISSION ASSYS.)			

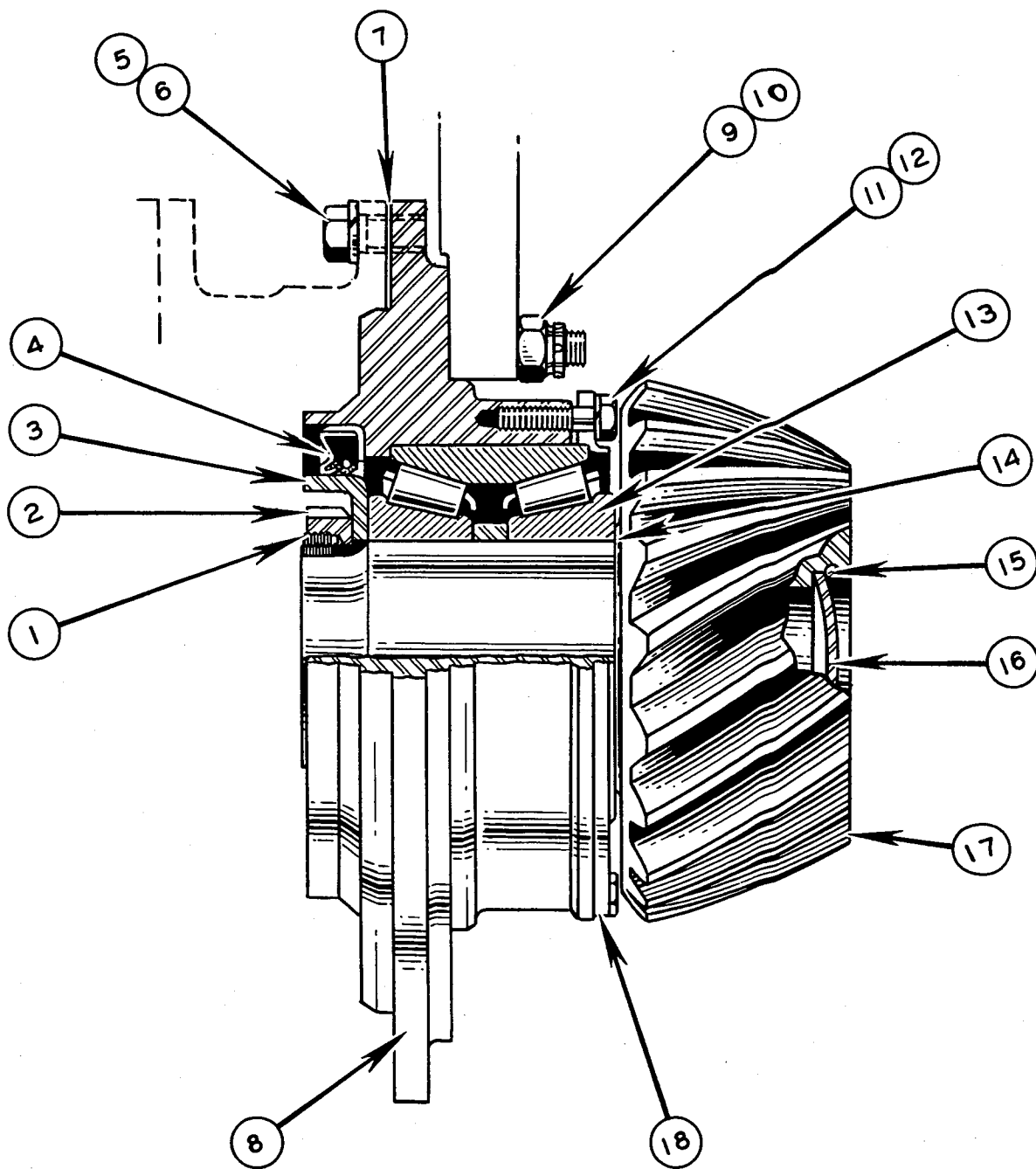


FIG. 1562

TRANSMISSION ADAPTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1562

TRANSMISSION ADAPTOR

Ref. No.	Part No.	Description	Qty.
1	SG-3840	PLUG, PIPE - 1/16" NPT	1
2	TF-3546	NUT, LOCK	1
3	TF-2194	RETAINER, OIL SEAL	1
4	TF-3803	SEAL, OIL	1
5	C-1608	CAPSCREW - 7/16" - 14NC x 1"	15
6	C-5775	LOCKWASHER - 7/16"	15
7	TF-5630	GASKET	1
8	TF-2196	ADAPTOR *	1
	DL-8246	ADAPTOR **	1
9	SF-5699	STUD - 1/2" - 20NF *	8
	DL-8251	STUD - 1/2" - 13NC **	8
10	TG-7496	NUT, LOCK - 1/2" - 20NF *	8
	DF-3500	NUT, LOCK - 1/2" - 13NC **	8
11	C-7568	CAPSCREW - 5/16" - 24NF x 1" *	6
	C-1598	CAPSCREW - 5/16" - 18NC x 1" **	6
12	C-1538	LOCKWASHER - 5/16"	6
13	SG-5907	BEARING ASSEMBLY	1
14	SP-6832	SHIM	AR
15	SR-8405	RING, SNAP	1
16	DG-3242	PLUG	1
17	TF-3545	RING GEAR & PINION SET	1
18	SG-5904	RETAINER, BEARING	1
NOTE:			
* EFFECTIVE THRU SERIAL SUFFIX DPA2-F.			
** EFFECTIVE WITH SERIAL SUFFIX DPA2-G.			
(USED WITH ALLISON TRANSMISSION)			

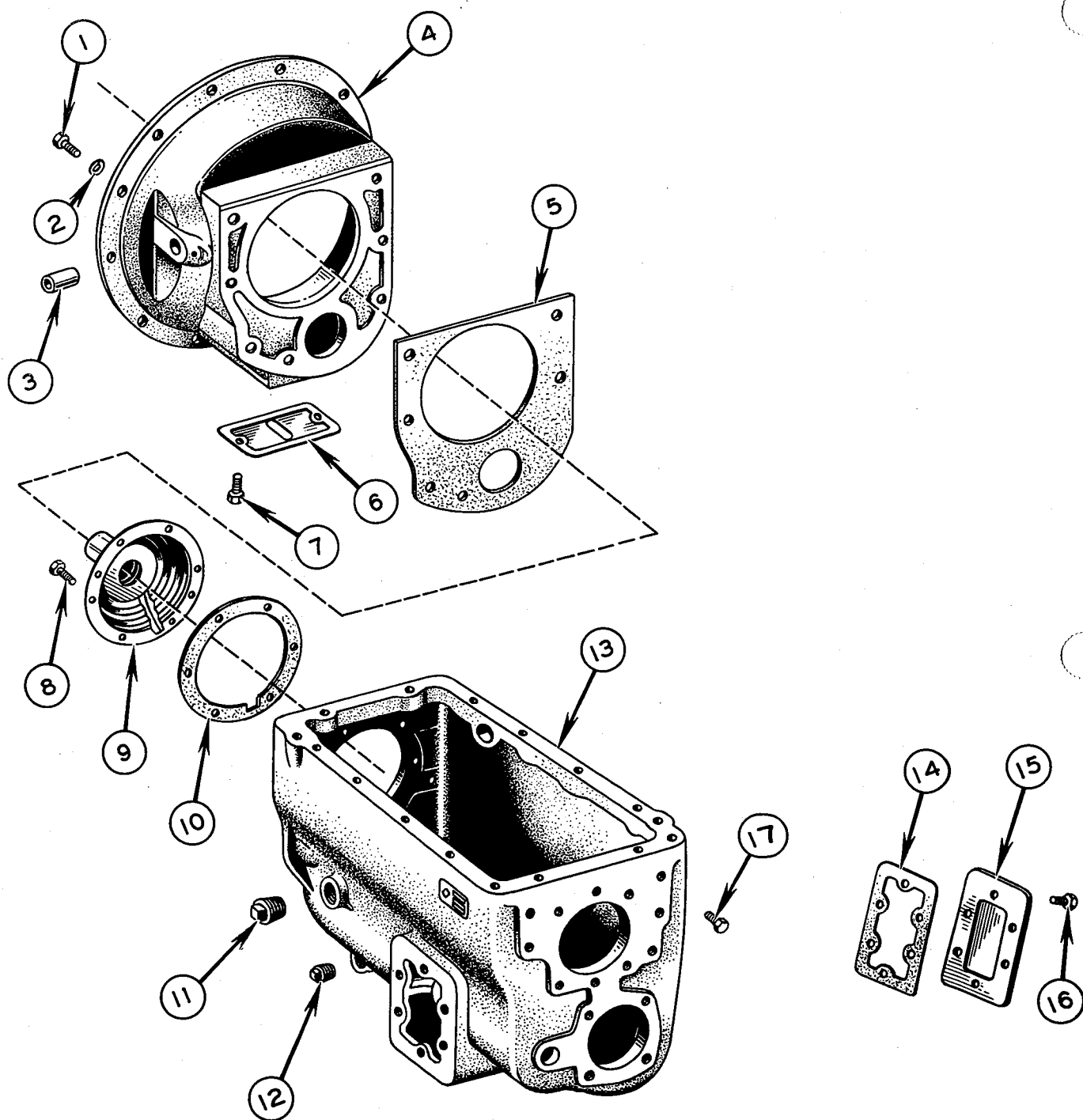


FIG. 1563

TRANSMISSION CASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1563

TRANSMISSION CASE

Ref. No.	Part No.	Description	Qty.
		(SPICER 6453)	
1	TF-9756	SCREW - 5/8" - 11 x 1 3/8"	7
2	TF-9769	WASHER - 3/8"	7
3	SH-575	BUSHING	2
4	TF-9790	HOUSING, CLUTCH	1
5	TF-9191	GASKET	1
6	TF-9173	COVER, HAND HOLE	1
7	TF-9195	SCREW & WASHER - 5/16" - 18 x 1"	2
8	TF-9751	SCREW & WASHER - 3/8" - 16 x 1 1/4"	6
9	TF-9162	CAP, BEARING	1
10	TF-9176	GASKET	1
11	TF-9785	PLUG, OIL FILLER - 1 1/4"	1
12	TF-9786	PLUG, OIL DRAIN - 3/4"	1
13	TF-9779	CASE	1
14	SH-509	GASKET, PTO	1
15	TF-9750	SCREW & WASHER - 3/8" - 16 x 1"	6
16	SH-508	COVER, PTO	1
17	TF-9753	SCREW - 5/8" - 11 x 5/8"	1
NOTE: TF-5140 SPICER TRANSMISSION ASSY. (Spicer Model No. 6453) INCLUDES ITEMS ON THIS AND FOLLOWING SIX PAGES.			
(EFFECTIVE WITH SERIAL SUFFIX DPS ONLY)			

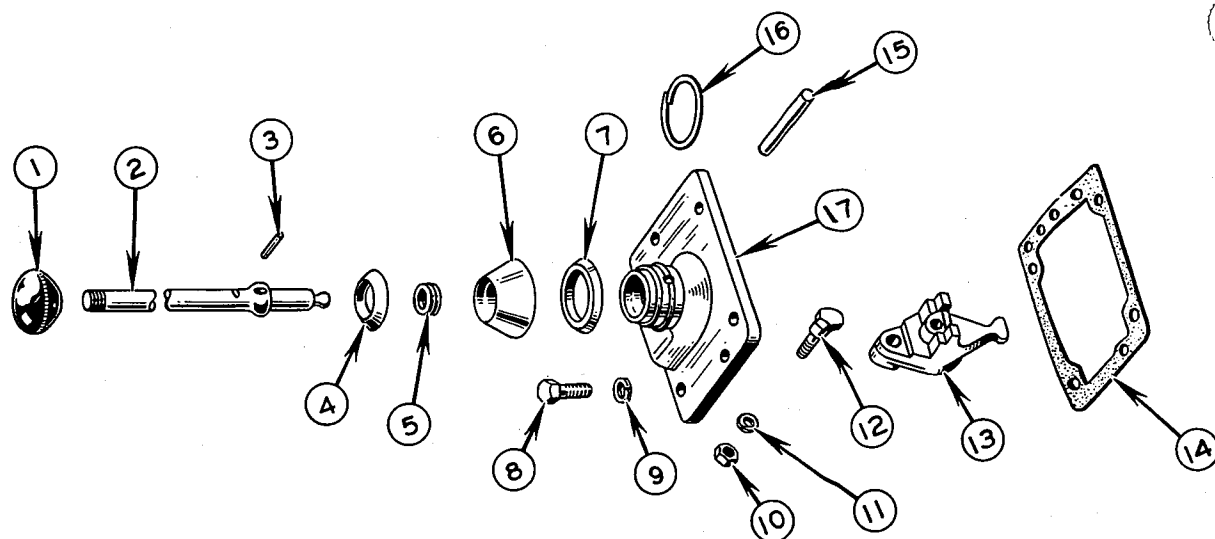


FIG. I564 A

TRANSMISSION SHIFT LEVER

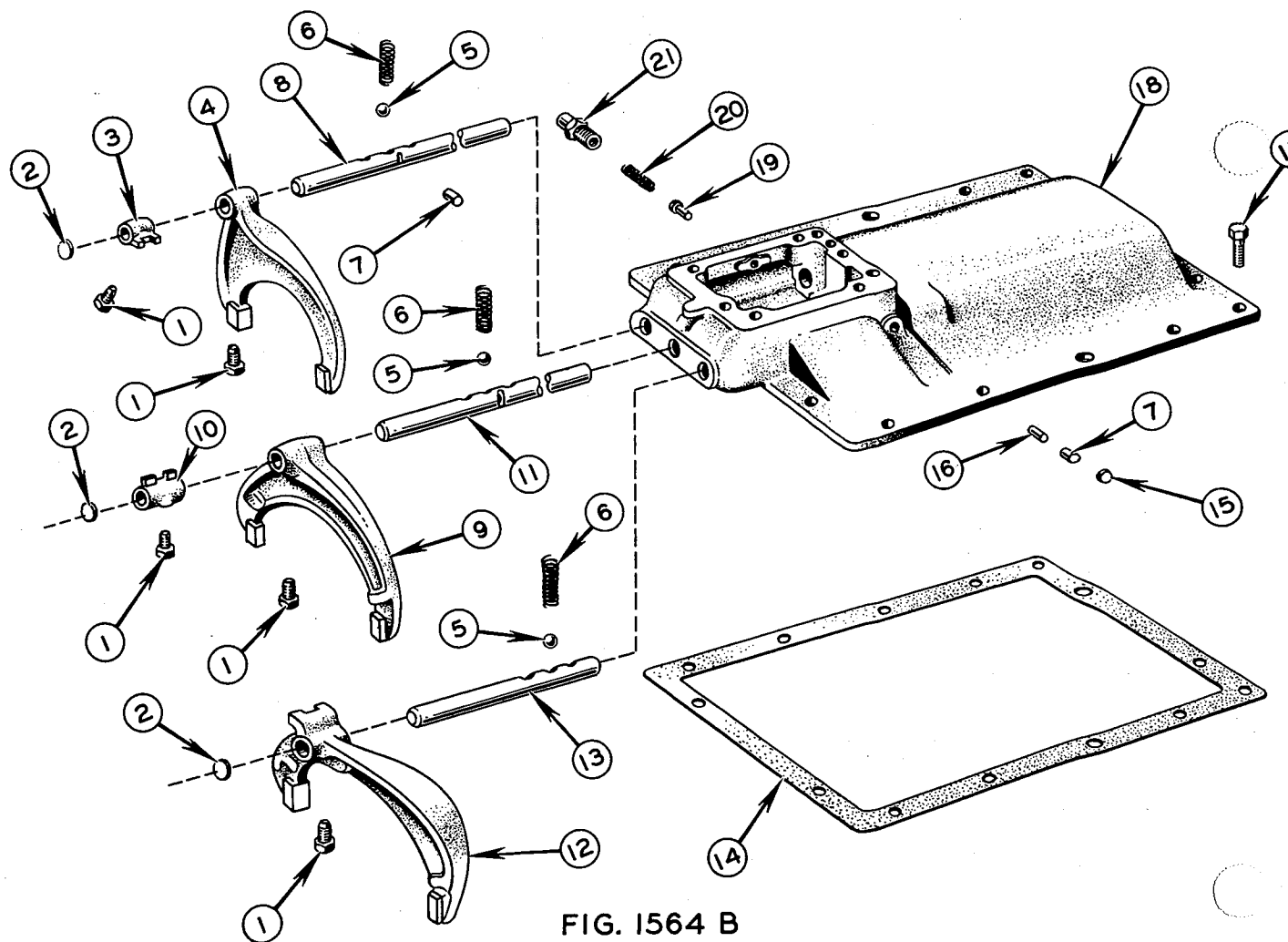


FIG. I564 B

TRANSMISSION SHIFT BAR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1564A

TRANSMISSION SHIFT LEVER

Ref. No.	Part No.	Description	Qty.
(SPICER 6453)			
1	SH-616	HANDLE, SHIFT LEVER	1
2	TF-9165	LEVER ASSEMBLY (Includes Ref. Nos. 1, 3 thru 7)	1
3	SH-582	PIN	1
4	SH-620	COLLAR	1
5	SH-621	SPRING	1
6	SH-618	CUP	1
7	SH-622	WASHER	1
8	H-594	SCREW - 7/16" - 14 x 1 1/4"	6
9	TF-9765	WASHER - 7/16"	6
10	TF-9760	NUT - 1/2" - 20	1
11	TF-9766	WASHER - 1/2"	1
12	TF-9755	STUD	1
13	TF-9777	FINGER	1
14	TF-9174	GASKET	1
15	SH-617	SHAFT, ROCK	1
16	SH-512	RING, SNAP	1
17	TF-9781	HOUSING	1
(INCLUDED IN TF-5140 SPICER TRANSMISSION ASSEMBLY)			

FIGURE 1564B

TRANSMISSION SHIFT BAR

(SPICER 6453)			
1	TF-9754	SCREW	5
2	TF-9788	PLUG	3
3	TF-9179	SHIFT BLOCK, 1st & REVERSE SPEEDS	1
4	TF-9197	SHIFT YOKE, 1st & REVERSE SPEEDS	1
5	SV-959	BALL	3
6	TF-9775	SPRING	3
7	TF-9778	INTERLOCK	2
8	TF-9196	SHIFT ROD, 1st & REVERSE SPEEDS	1
9	TF-9198	SHIFT YOKE, 2nd & 3rd SPEEDS	1
10	TF-9178	SHIFT BLOCK, 2nd & 3rd SPEEDS	1
11	TF-9763	SHIFT ROD, 2nd & 3rd SPEEDS	1
12	TF-9199	SHIFT YOKE, 4th & 5th SPEEDS	1
13	TF-9764	SHIFT ROD, 4th & 5th SPEEDS	1
14	TF-9175	GASKET	1
15	TF-9787	PLUG	1
16	TF-9761	INTERLOCK	1
17	TF-9751	SCREW & WASHER - 3/8" - 16 x 1 1/4"	14
18	TF-9780	HOUSING	1
19	TF-9186	PIN, 1st & REVERSE SHIFT FINGER PLUNGER	2
20	SH-511	SPRING	1
21	TF-9192	RETAINER	1
(INCLUDED IN TF-5140 SPICER TRANSMISSION ASSEMBLY)			

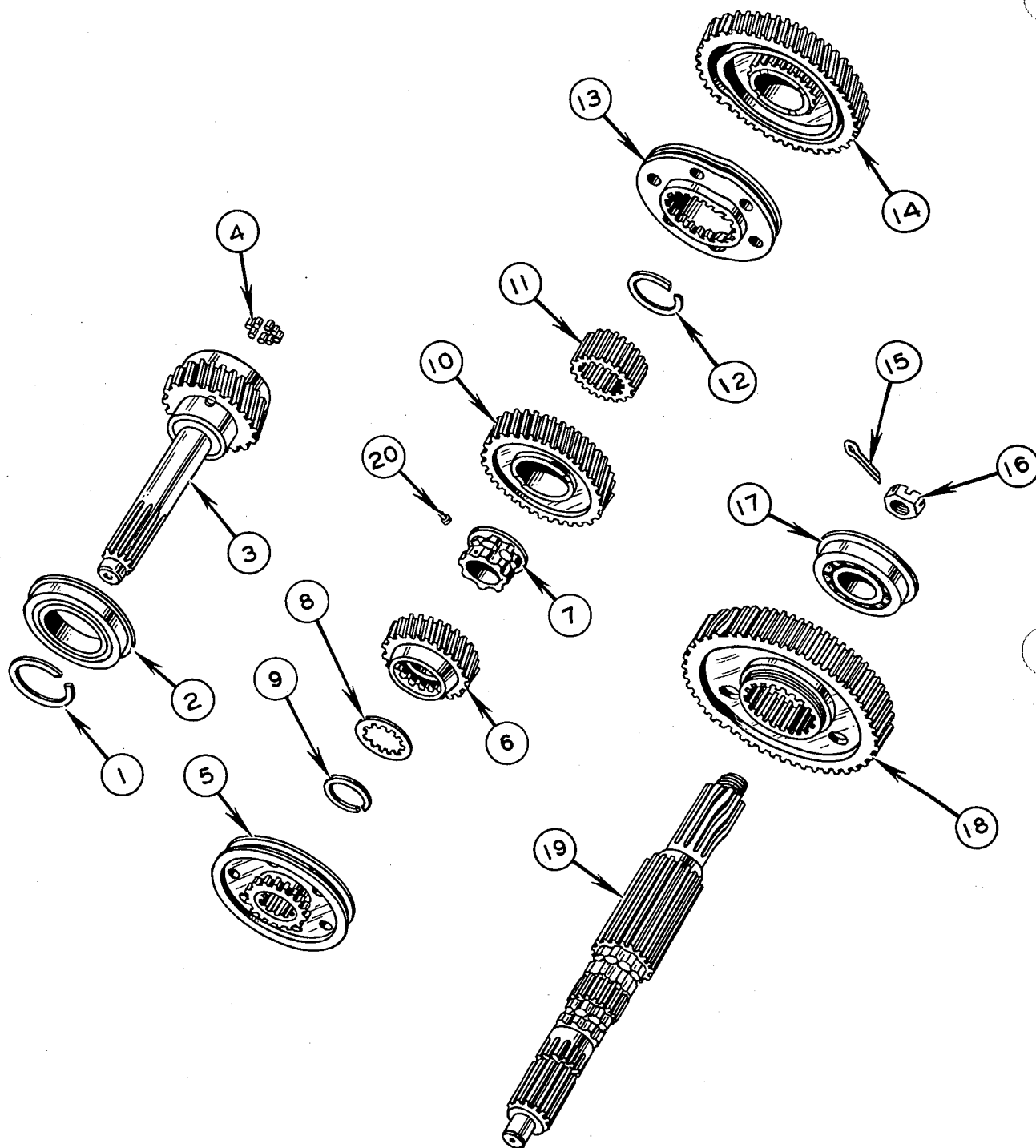


FIG. 1565

TRANSMISSION DRIVE & MAINSHAFT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1565

TRANSMISSION DRIVE & MAINSHAFT

Ref. No.	Part No.	Description	Qty.
		(SPICER 6453)	
1	TF-9181	RING, SNAP	1
2	TF-9771	BEARING	1
3	TF-9164	SHAFT	1
4	TF-9879	BEARING (package of 14)	1
5	TF-9189	COLLAR, CLUTCH - 4th & 5th SPEED	1
6	TF-9161	GEAR, 5th SPEED	1
7	TF-9783	SLEEVE, 4th & 5th GEAR	1
8	TF-9770	WASHER, THRUST - 4th & 5th GEAR	1
9	TF-9182	RING, SNAP	1
10	TF-9160	GEAR, 3rd SPEED	1
11	TF-9187	GEAR, 2nd & 3rd CLUTCH	1
12	TF-9185	RING, SNAP	1
13	TF-9188	COLLAR, CLUTCH - 2nd & 3rd SPEED	1
14	TF-9159	GEAR, 2nd SPEED	1
15	TF-9757	PIN, COTTER - 1/8"	1
16	SH-604	NUT - 1 1/4" - 18 x 2 1/8"	1
17	TF-9773	BEARING	1
18	TF-9158	GEAR, 1st & REVERSE	1
19	TF-9180	MAINSHAFT	1
20	TF-9762	PIN, 4th GEAR SLEEVE	1

TRANSMISSION
COUNTERSHAFT

FIG. 1229 A

FIG. 1229 B

IDLER & REVERSE
SHAFT

The image contains two exploded view diagrams of mechanical shaft assemblies. The top diagram, labeled 'TRANSMISSION COUNTERSHAFT' and 'FIG. 1229 A', shows a central shaft (9) with several gears (8, 6, 5, 3) and a pinion (11) mounted on it. A key (13) is shown at the top. The bottom diagram, labeled 'IDLER & REVERSE SHAFT' and 'FIG. 1229 B', shows a shaft (1) with gears (2, 3) and a pinion (11) mounted on it. A key (13) is also shown at the top. The diagrams are numbered 1 through 13, indicating the sequence of assembly.

FIG. 1229A

IDLER & REVERSE SHAFT

FIG. 1229 B

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1229A

TRANSMISSION COUNTERSHAFT

Ref. No.	Part No.	Description	Qty.
(SPICER 6453)			
1	TF-9774	BEARING	1
2	TF-9184	RING, SNAP	1
3	TF-9156	GEAR, DRIVE	1
4	TF-9183	RING, SNAP	1
5	TF-9168	GEAR, 5th SPEED	1
6	TF-9167	GEAR, 3rd SPEED	1
7	TF-9784	SPACER	1
8	TF-9166	GEAR, 2nd SPEED	1
9	TF-9163	COUNTERSHAFT	1
10	SH-501	KEY, WOODRUFF #29	4
11	TF-1959	BEARING	1
12	TF-9759	NUT	1
13	TF-9757	COTTER PIN - 1/8" x 2"	1
(INCLUDED IN TF-5140 SPICER TRANSMISSION ASSEMBLY)			

FIGURE 1229B

TRANSMISSION IDLER & REVERSE SHAFT

(SPICER 6453)			
1	TF-9789	SHAFT, REVERSE IDLER	1
2	TF-9776	BEARING	2
3	TF-9157	GEAR	1
(INCLUDED IN TF-5140 SPICER TRANSMISSION ASSEMBLY)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1256

CLUTCH RELEASE

Ref. No.	Part No.	Description	Qty.
1	TF-9170	SHAFT - SHORT	1
2	SH-500	WASHER KEY	2
3	TF-9169	SHAFT - LONG	1
4	SH-573	YOKE, CLUTCH RELEASE	1
5	SP-3239	LOCKWASHER	2
6	SP-3237	CAPSCREW	2
7	SP-3208	LEVER ASSEMBLY	1
8	SP-3248	ADJUSTING SCREW	1
9	SP-3243	ADJUSTING NUT	1
10	SP-3246	SCREW	1
11	SP-3241	LOCKWASHER	1
12	SP-3242	NUT	1
13	TD-4718	CAPSCREW, DRILLED HEAD - 3/8" NC x 1 1/4"	2
14	H-2915	SPRING	2
15	SF-8798	ELBOW - 1/8" x 45°	1
16	TF-141	HOSE ASSEMBLY	1
	DF-5576	RELEASE BEARING & CARRIER ASSEMBLY	1
17	SL-5499	SPRING	2
18	SL-6950	PAD	2
19	S-9862	LOCKWASHER - #10	4
20	DF-31	MACHINE SCREW - #10-24 x 1/2"	4
21	SL-6955	BEARING	1
22	SL-6951	CARRIER	1
23	C-5768	PIPE PLUG - 1/8"	1
		NOT SHOWN	
	C-1596	GREASE FITTING	1
NOTE: ITEMS 1 THRU 12 INCLUDED IN TF-5140 (SPICER 6453) TRANSMISSION.			
(USED WITH SPICER TRANSMISSION)			

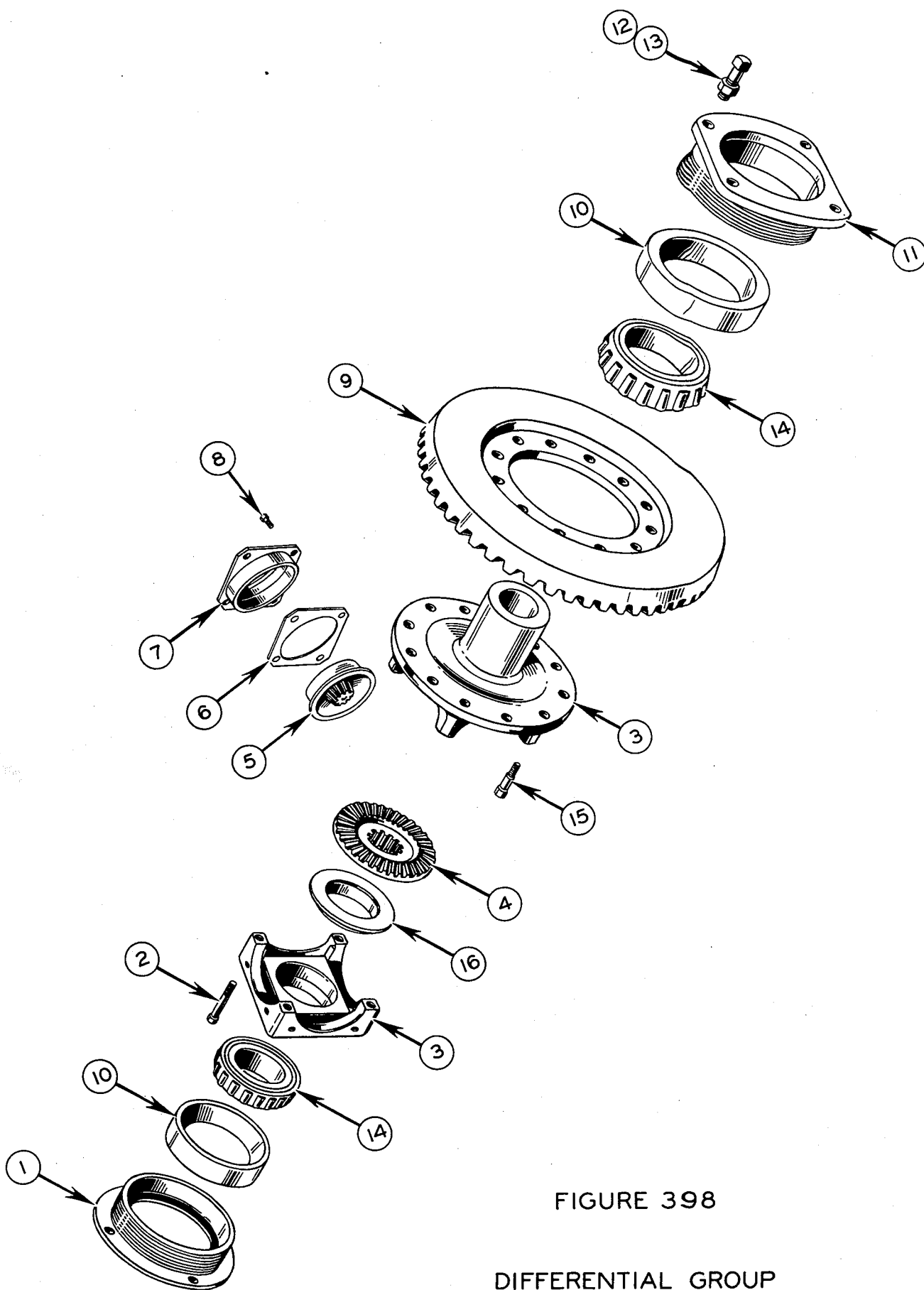


FIGURE 398

DIFFERENTIAL GROUP

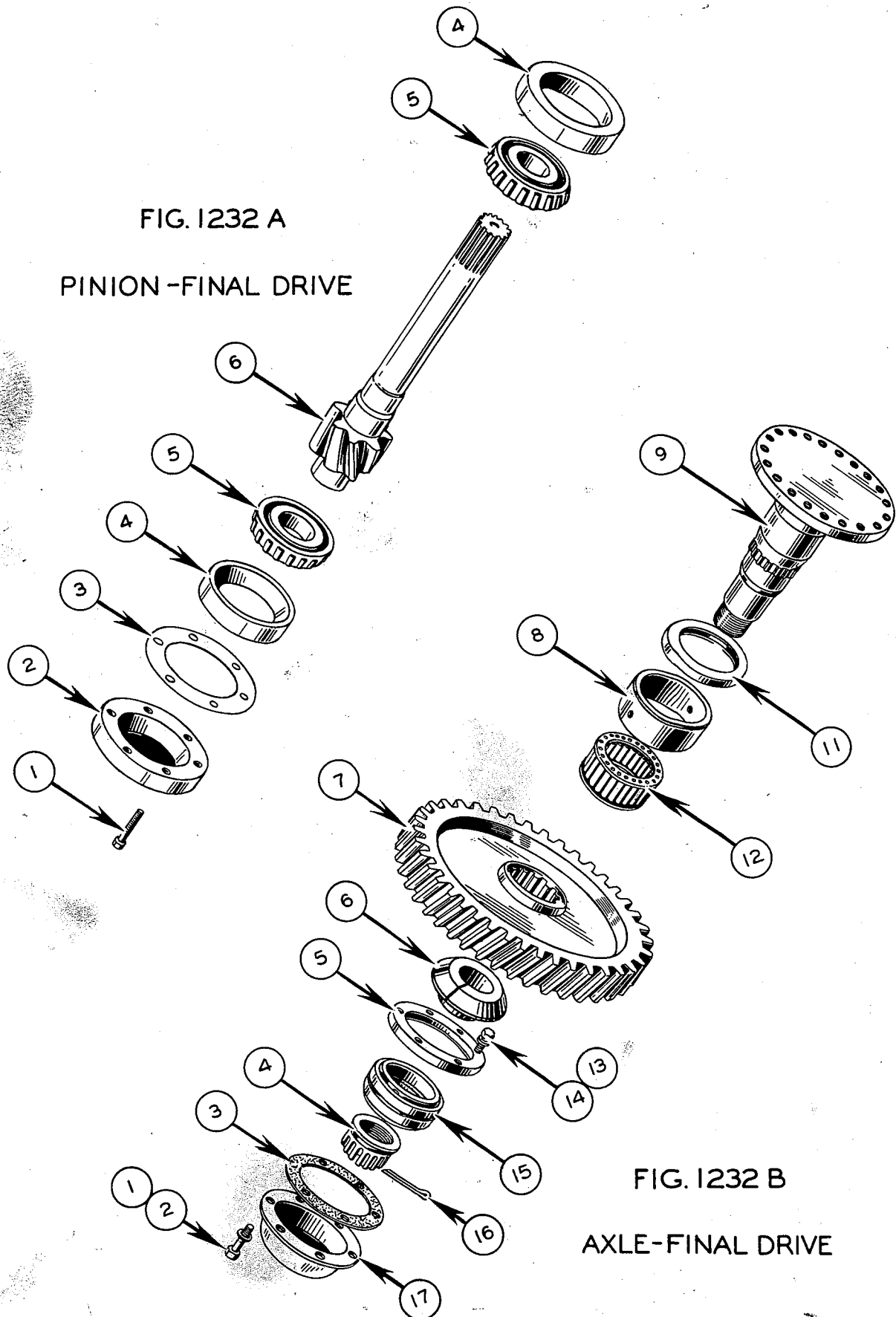
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 398

DIFFERENTIAL

Ref. No.	Part No.	Description	Qty.
1	SF-4081	CAGE	1
2	DC-630	CAPSCREW	4
3	SG-4268	CAGE ASSEMBLY	1
4	SF-1428	GEAR, IDLER	2
5	TD-6299	PINION	4
6	SF-3110	SHIM - .004	AR
7	TR-5272	BUSHING	4
8	H-5090	CAPSCREW	16
9		RING GEAR & PINION - SEE INDEX	1
10	C-320	CUP, BEARING	2
11	SG-8800	CAGE	1
12	SF-3693	SETSCREW - 1/2" - 13NC x 1 1/4"	4
13	H-8508	JAM NUT - 1/2" - 13NC	4
14	C-11	CONE, BEARING	2
15	SG-4940	CAPSCREW	12
16	SF-694	BUSHING	2
NOTES: RING GEAR & PINION SOLD IN MATCHED SETS ONLY. SG-4268 CAGE ASSEMBLY INCLUDES REF. NOS. 2 & 3.			

FIG. 1232 A
PINION-FINAL DRIVE



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1232A

PINION - FINAL DRIVE

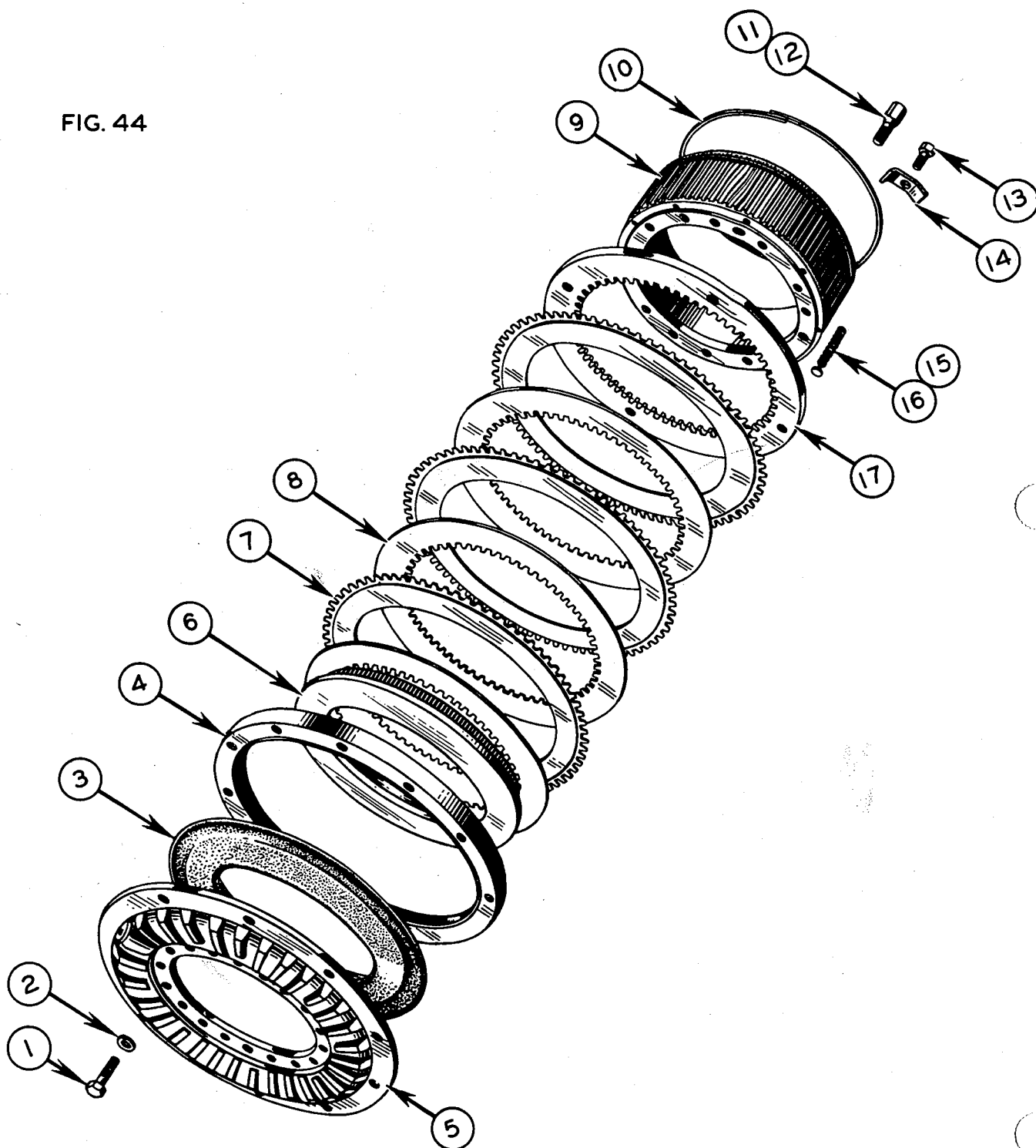
Ref. No.	Part No.	Description	Qty.
1	SF-2046	CAPSCREW - TAPERHEAD (Eff. thru Serial Suffix DPF2-G, DPA2-E)	16
	C-1694	CAPSCREW - 5/8" - 18NF x 1 3/4" } (Effective with	8
	C-1541	LOCKWASHER - 5/8" } Serial Suffix	8
2	VC-1055	CAP DPF2-H, DPA2-F)	2
	SG-5785	CAP (Eff. thru Serial Suffix DPF2-G, DPA2-E)	2
3	SG-5952	SHIM - .004	AR
	SG-5953	SHIM - .007	AR
4	SG-5956	CAP	2
5	SG-5955	CONE	2
6	SG-5780	PINION, RIGHT	1
	SH-3393	PINION, LEFT	1
QUANTITIES FOR RIGHT & LEFT			

FIGURE 1232B

AXLE - FINAL DRIVE

1	C-5799	CAPSCREW - 3/8" - 24NF x 3/4"	12
2	R-7206	WASHER, COPPER - 3/8"	24
3	SF-6174	GASKET	2
4	SG-5782	LOCKNUT	2
5	SH-9920	RETAINER	2
6	SG-5783	COLLAR	2
7	SF-9462	GEAR, RIGHT	1
	SH-3389	GEAR, LEFT	1
8	H-5029	BEARING - OUTER RACE	2
9	SG-5779	AXLE	2
11	SF-2848	SEAL, OIL	2
12	H-5028	BEARING	2
13	SH-9937	CAPSCREW	12
14	C-1540	LOCKWASHER - 1/2"	12
15	SG-6107	BEARING	2
16	R-496	PIN, COTTER - 5/16" x 4"	2
17	SF-5594	CAP	2
QUANTITIES FOR RIGHT & LEFT			

FIG. 44



AIR BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 44

AIR BRAKE ASSEMBLY SV-4754

Ref. No.	Part No.	Description	Qty.
1	C-5801	CAPSCREW - 3/8" NF x 1 1/4"	12
2	C-312	LOCKWASHER - 3/8"	12
3	SV-249	DIAPHRAGM	1
4	SG-6005	RETAINER	1
5	SR-5480	PLATE	1
6	SR-9553	PRESSURE PLATE	1
7	DC-9048	DISC	3
8	DC-4208	DISC	3
9	SG-5684	HUB	1
10	CD-4282	SNAP RING	2
11	SF-6833	CAPSCREW	4
12	SG-1354	CAPSCREW (Not Included in Assembly)	16
13	C-318	CAPSCREW	4
14	SG-771	RING GUARD	4
15	SR-9364	SPRING	8
16	DD-1913	RETAINER	8
17	CD-4459	BACKING PLATE	1
(EFFECTIVE THRU SERIAL SUFFIX DP-R & DPS.)			

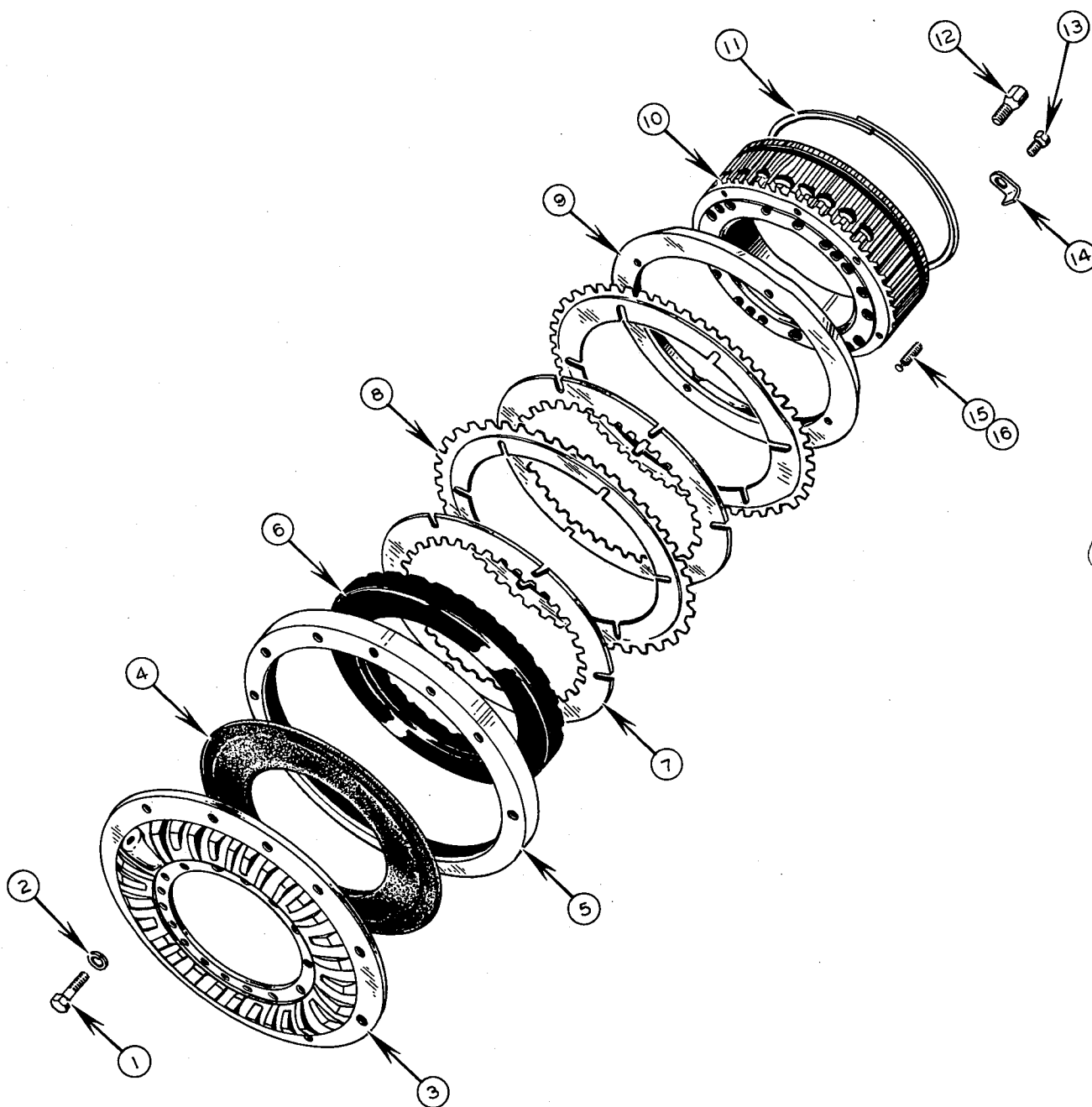


FIG. 1234
AIR BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1234

AIR BRAKE ASSEMBLY TG-4685*
TH-5938**

Ref. No.	Part No.	Description	Qty.
1	C-5801	CAPSCREW - 3/8" NF x 1 1/4"	12
2	C-312	LOCKWASHER - 3/8"	12
3	SR-5480	PLATE, DIAPHRAGM BACKING	1
4	SV-249	DIAPHRAGM	1
5	SG-6005	PLATE	1
6	TF-7088	PLATE, PRESSURE	1
7	TG-5075	DISC, INTERNAL TEETH *	5
	DC-4208	DISC, INTERNAL TEETH **	6
8	SR-9369	DISC, EXTERNAL TEETH *	3
	DC-9048	DISC, EXTERNAL TEETH **	3
9	TG-5092	PLATE, BACKING	1
10	SG-5684	HUB *	1
	TH-5926	HUB **	1
11	TF-5206	RING, LOCK	1
12	SF-6833	CAPSCREW *	4
	TG-4650	CAPSCREW **	4
	SG-1354	CAPSCREW (Not Included in Assembly)	16
13	E-2728	CAPSCREW - 1/2" NC x 1"	4
14	TG-1505	GUARD, RING	4
15	SR-9364	SPRING *	8
	TH-2781	SPRING **	16
16	DD-1913	RETAINER (Not Serviced) (**Qty. 16)	8
NOTE: * TG-4685 BRAKE ASSEMBLY EFFECTIVE WITH SERIAL SUFFIX DPF2 THRU DPF2-A, DPA2. ** TH-5938 BRAKE ASSEMBLY EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2-A & UP. (EFFECTIVE WITH SERIAL SUFFIX DPF2, DPA2 & UP)			

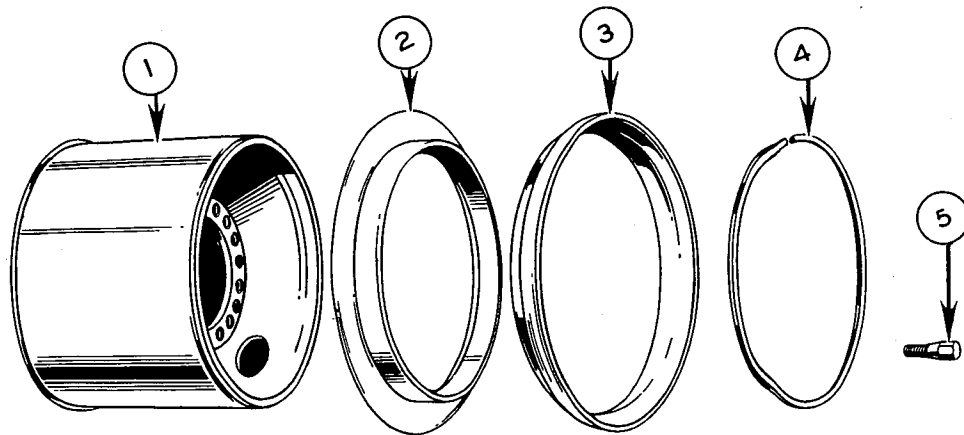


FIG. 879 A

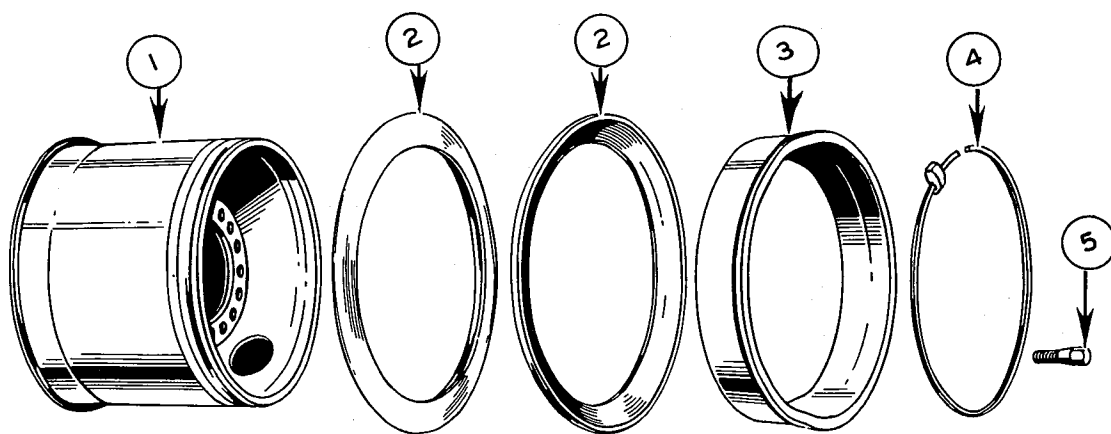


FIG. 879 B

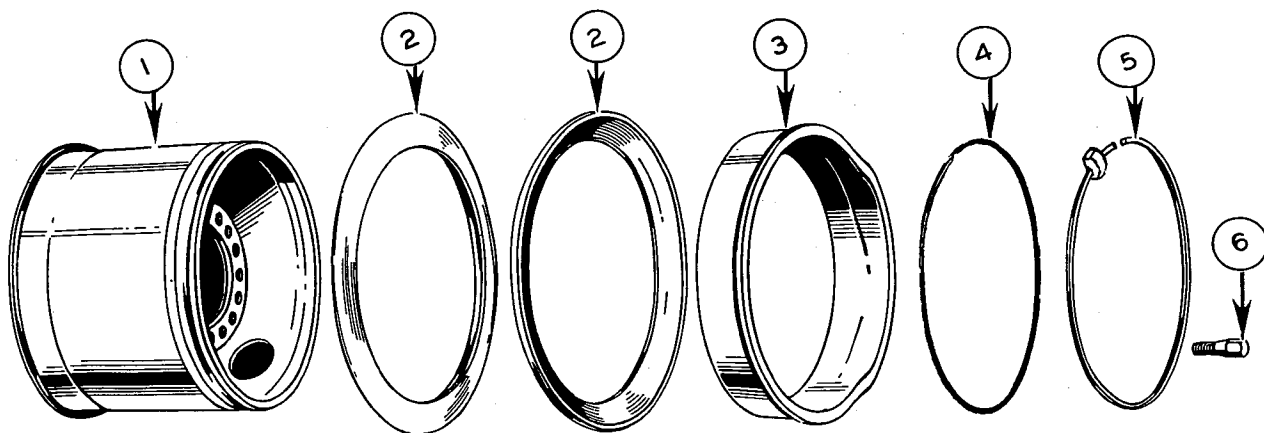


FIG. 879 C
WHEELS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 879A

18 x 25 WHEEL ASSEMBLY SL-6022

Ref. No.	Part No.	Description	Qty.
1	SL-6019	WHEEL	1
2	SG-5228	SLIDING RING - INNER	1
3	SH-9335	SLIDING RING - OUTER	1
4	C-1277	LOCK RING	1
5	DD-1319	CAPSCREW (Not Included in Assembly)	10
(2 WHEELS REQUIRED)			

FIGURE 879B

16 x 25 WHEEL ASSEMBLY SP-8551

1	SP-8552	WHEEL	1
2	SP-8556	FLANGE	2
3	SP-8554	BEAD SEAT BAND	1
4	SP-8553	LOCK RING	1
5	DD-4145	CAPSCREW (Not Included in Assembly)	10
NOT SHOWN & NOT INCLUDED			
	SP-7845	BRAKE DRUM	1
(2 WHEELS REQUIRED)			

FIGURE 879B

18 x 25 WHEEL ASSEMBLY TC-660*
VG-8809**

1	TC-659	WHEEL *	1
	VG-8806	WHEEL **	1
2	SV-8185	FLANGE	2
3	SV-8184	BEAD SEAT BAND	1
4	SV-8186	LOCK RING	1
5	DD-1319	CAPSCREW (Not Included in Assembly)	10
NOT SHOWN			
	R-3529	PLUG, EXPANSION **	1
(2 WHEELS REQUIRED)			

FIGURE 879B

18 x 25 WHEEL ASSEMBLY SV-4228

1	SV-4227	WHEEL	1
2	SP-6432	FLANGE	2
3	SP-6433	BEAD SEAT BAND	1
4	SP-6434	LOCK RING	1
5	DD-1319	CAPSCREW (Not Included in Assembly)	10
(2 WHEELS REQUIRED)			

FIGURE 879C

16 x 25 WHEEL ASSEMBLY TC-7907

1	TC-7906	WHEEL	1
2	TC-2580	FLANGE	2
3	SV-8184	BEAD SEAT BAND	1
4	SR-6498	"O" RING	1
5	SV-8186	LOCK RING	1
6	DD-1319	CAPSCREW (Not Included in Assembly)	10
NS	SV-5721	VALVE STEM	1
(2 WHEELS REQUIRED)			

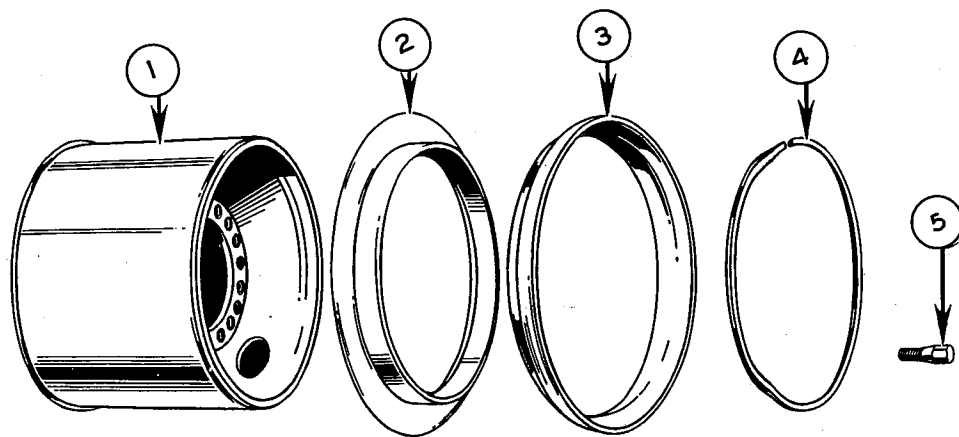


FIG. 879 A

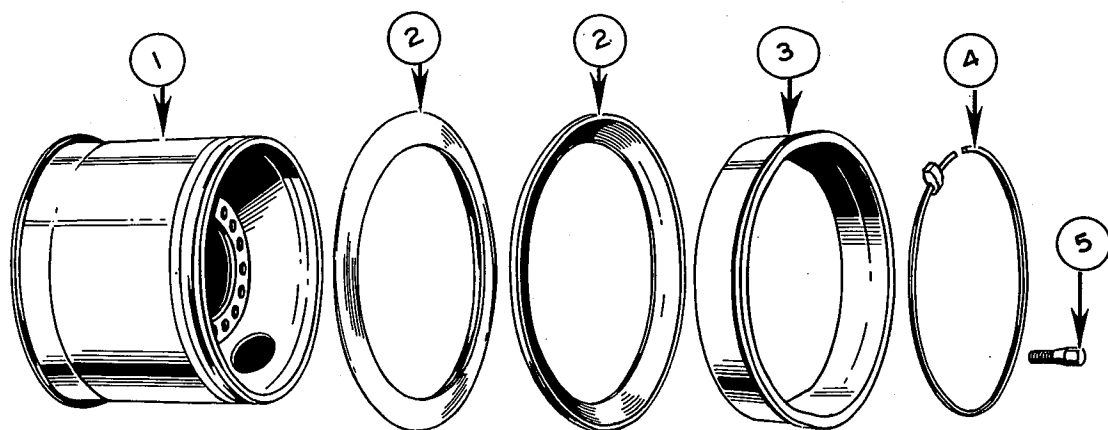


FIG. 879 B

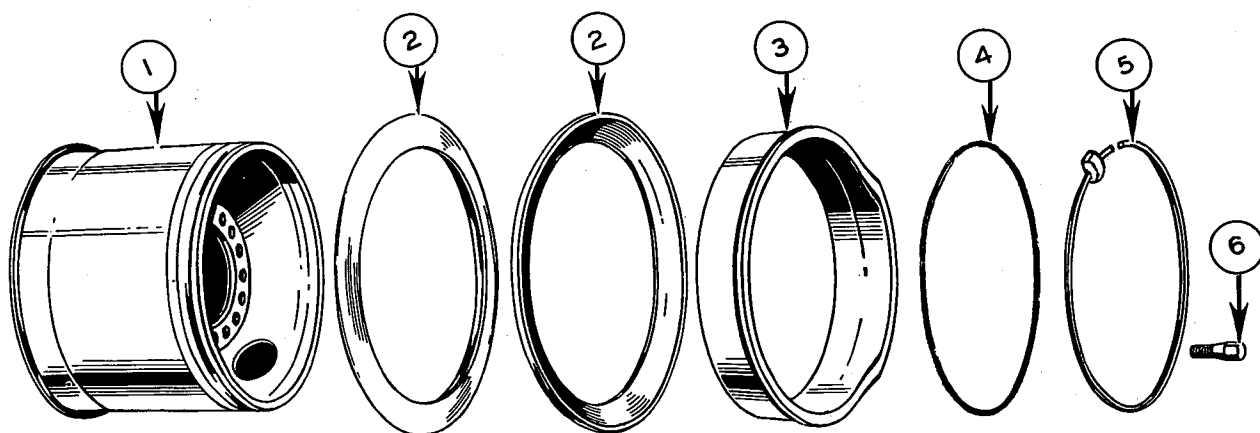


FIG. 879 C
WHEELS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 879A

65" WHEEL ASSEMBLY SL-5625

Ref. No.	Part No.	Description	Qty.
1	SL-5609	WHEEL	1
2	SG-3501	FLANGE - INNER	1
3	SG-3502	FLANGE - OUTER	1
4	SG-2858	LOCK RING	1
5	DD-4145	CAPSCREW (Not Included in Assembly)	10
		NOT SHOWN & NOT INCLUDED IN ASSEMBLY	
	SP-7845	BRAKE DRUM	1
		(2 WHEELS REQUIRED)	

FIGURE 879B

23.5 x 25 WHEEL ASSEMBLIES TC-664 *
SV-4238 **

1	TC-663	WHEEL *	1
	TC-664	WHEEL **	1
2	SV-8185	FLANGE *	1
	SP-6432	FLANGE **	1
3	SV-8190	BEAD SEAT BAND *	1
	SV-4234	BEAD SEAT BAND **	1
4	SV-8186	LOCK RING *	1
	SV-4233	LOCK RING **	1
5	DD-1319	CAPSCREW (Not Included in Assemblies)	10
		(2 WHEELS REQUIRED)	

FIGURE 879B

16 x 25 WHEEL ASSEMBLY TG-4661

1	TG-4663	WHEEL	1
2	TC-2580	FLANGE	2
3	SV-8184	BEAD SEAT BAND	1
4	SV-8186	LOCK RING	1
5	DD-1319	CAPSCREW (Not Included in Assembly)	10
		(2 WHEELS REQUIRED)	

FIGURE 879C

18 x 25 WHEEL ASSEMBLY TC-658* - VF-9359**

1	TC-657	WHEEL *	1
	VF-9356	WHEEL **	1
2	SV-8185	FLANGE	2
3	SV-8184	BEAD SEAT BAND	1
4	SR-6498	"O" RING	1
5	SV-8186	LOCK RING	1
6	DD-1319	CAPSCREW (Not Included in Assembly)	10
	SV-5721	VALVE STEM (Not Shown & Not Included in Assembly)	1
		(2 WHEELS REQUIRED)	

FIGURE 879C

23.5 x 25 WHEEL ASSEMBLY TC-662

1	TC-661	WHEEL	1
2	SV-8185	FLANGE	2
3	SV-8190	BEAD SEAT BAND	1
4	SR-6498	"O" RING	1
5	SV-8186	LOCK RING	1
6	DD-1319	CAPSCREW (Not Included in Assembly)	10
	SV-5721	VALVE STEM (Not Shown & Not Included in Assembly)	1
		(2 WHEELS REQUIRED)	

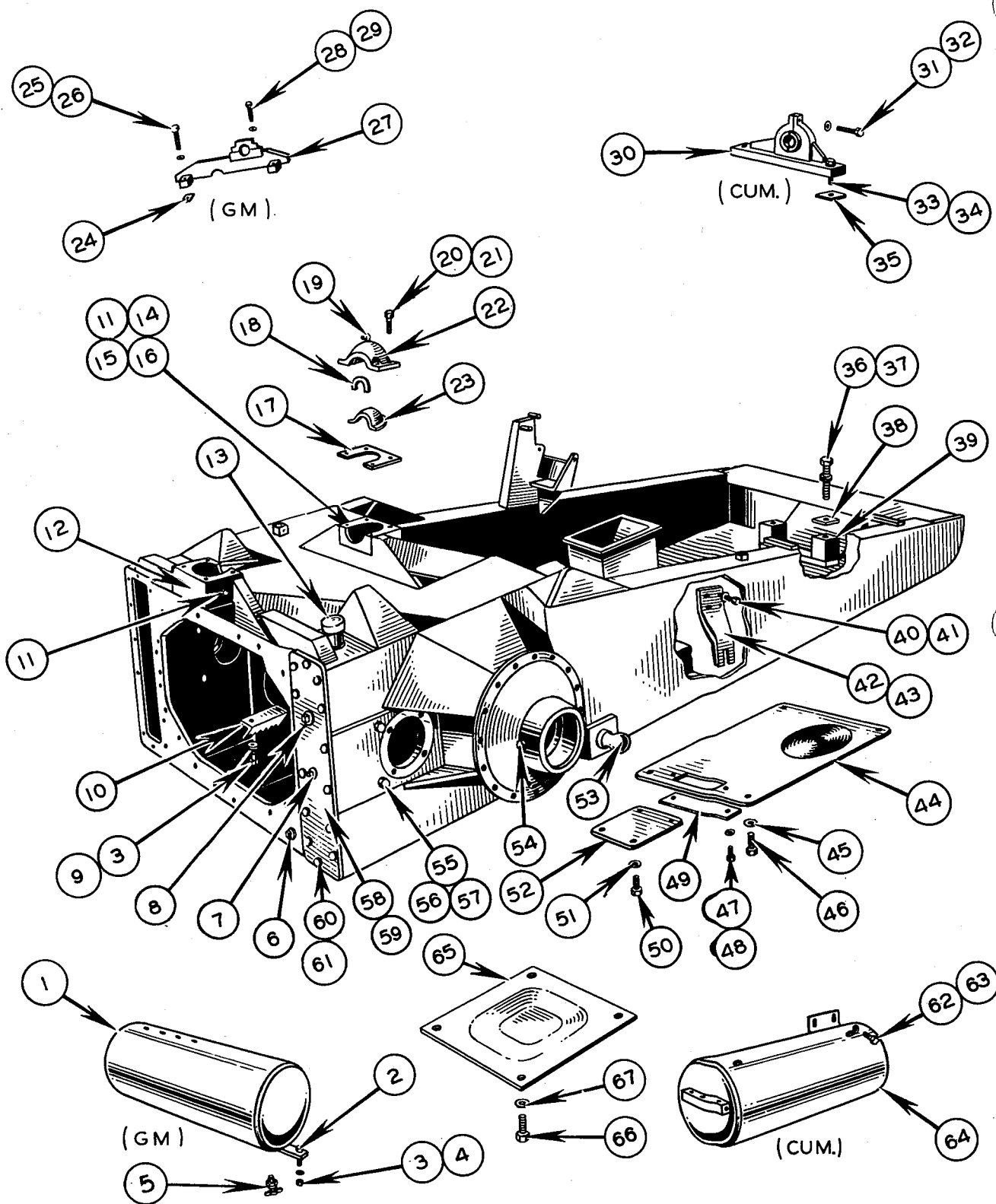


FIG. 1723
MAIN CASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1723

MAIN CASE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TC-5757	Tank, Air *	1	40	C-1614	Capscrew - 1/2"-13nc x 1 1/2"	8
2	C-1604	Capscrew-3/8"-16nc x 1 1/2" *	2		C-5762	Capscrew-5/8"-11nc x 1 1/2"	8
3	C-312	Lockwasher - 3/8" *	2	41	C-1540	Lockwasher - 1/2"	8
4	C-1521	Nut - 3/8" - 16nc *	2		C-1541	Lockwasher - 5/8"	8
5	HC-1851	Cock, Drain */##	1	42	SL-6041	Mount, Engine-GM - L.H.	1
	TR-948	Cock, Drain ##/*	1		TC-2128	Mount, Engine-Cum. L.H.	1
6	R-2028	Plug, Pipe - 3/4"npt	1	43	SL-3936	Mount, Engine - GM - R.H.	1
7	C-5769	Plug, Pipe - 1/4"npt	2		TC-2129	Mount, Engine - Cum. - R.H.	1
8	D-1423	Plug, Pipe - 1 1/4"npt	2	44	SL-6042	Plate, Belly ç	1
9	S-9555	Capscrew	2		SV-308	Plate, Belly çç	1
10	SF-3804	Lube Comb	1		TC-3812	Plate, Belly ççç	1
11	C-1596	Fitting, Grease	2		TG-1667	Plate, Belly %	1
12	SG-4949	Socket, Ball - Front	2		TH-5521	Plate, Belly #	1
13	D-5832	Cap, Breather	1		TR-4926	Plate, Belly π	1
14	R-900	Ell, Street - 1/8"npt	1	45	C-312	Lockwasher - 3/8"	4
15	DC-5608	Nipple, Close-1/8"npt x 3/4" ...	1	46	C-1602	Capscrew - 3/8" - 16nc x 1"	4
16	C-1231	Coupling - 1/8"npt	1	47	C-312	Lockwasher - 3/8"	2
17	SG-4946	Shim - .004	AR		C-5774	Lockwasher - 1/4"	2
	SG-4947	Shim - .007	AR	48	C-1601	Capscrew - 3/8" - 16nc x 3/4"	2
18	SG-6007	Seal	4		C-5746	Capscrew - 1/4" - 20nc x 3/4"	2
19	C-5768	Plug, Pipe - 1/8"npt	2	49	TC-3814	Cover, Drain **/π	1
20	SH-7708	Capscrew @@@	8		TF-8030	Cover, Drain **/%	1
	TH-1412	Capscrew &	8		TC-3815	Cover, Drain */ççç	1
21	F-883	Lockwasher @@@	8		TF-9656	Cover, Drain */%	1
22	SG-4943	Cap, Ball	2	50	C-1601	Capscrew-3/8"-16nc x 3/4"	4
23	SG-6006	Bushing	4	51	C-312	Lockwasher - 3/8"	4
24	SR-3308	Shim - .0598 ççç/*	AR	52	SF-5154	Plate %%	1
	SR-3309	Shim - .0083 ççç/*	AR		TF-8029	Plate %	1
	SR-3310	Shim - .003 ççç/*	AR	53	DC-6745	Ball	2
25	C-1634	Capscrew-5/8"-11nc x 3" ççç/* ..	2	54	SF-7926	Lockbolt	2
26	C-1541	Lockwasher - 5/8" ççç/*	2	55	SH-3685	Spacer @	4
27	TC-5759	Mount Assembly ççç/*	1	56	H-4428	Washer @	4
28	C-1632	Capscrew - 5/8" - 11nc x 2 1/2" ççç/*	2		HC-9059	Washer @@	4
29	C-1541	Lockwasher - 5/8" ççç/*	2	57	SH-3703	Capscrew @	4
30	TC-2118	Support, Engine **/ççç	1		VC-1051	Staybolt @@	4
31	C-1615	Capscrew-1/2"-13nc x 1 3/4"*/ççç	1	58	SG-6419	Plate, Cover	2
32	C-1540	Lockwasher - 1/2" **/ççç	1	59	SF-5994	Gasket	2
33	C-1632	Capscrew-5/8"-11nc x 2 1/2"*/ççç	2	60	C-1601	Capscrew - 3/8" - 16nc x 3/4"	28
34	C-1541	Lockwasher - 5/8" **/ççç	2	61	C-312	Lockwasher - 3/8"	28
35	SR-3308	Shim - .0598 **/ççç	AR	62	TC-4365	Capscrew **	4
	SR-3309	Shim - .0083 **/ççç	AR		C-1613	Capscrew - 1/2" - 13nc x 1 1/4" ..	4
	SR-3310	Shim - .003 **/ççç	AR	63	R-8148	Lockwasher **	4
36	C-1640	Capscrew-5/8"-11nc x 4 1/4"*/***	2		C-1540	Lockwasher - 1/2"	4
37	C-1541	Lockwasher - 5/8" */***	2	64	TC-2136	Tank, Air **	1
38	SG-3411	Shim - 34 Gage */***	AR		TR-6412	Tank, Air πππ	1
	SG-3412	Shim - 16 Gage */***	AR	65	TL-8650	Pan, Belly ###	1
39	SG-9907	Spacer */***	2	66	C-7595	Capscrew-5/8"-11nc x 1 1/4" ###	4
				67	C-1541	Lockwasher - 5/8" ###	4

* Used with GM Engine.

** Used with Cummins Engine.

*** Effective thru Serial Suffix DP-J, DP-L & DP-M.

ç Effective thru Serial Suffix DP-C.

çç Effective with Serial Suffix DP-D thru DP-J, DP-L & DP-M.

ççç Effective with Serial Suffix DP-K, DP-N & Up.

% Effective with Serial Suffix DP-R, DPS, DPF2 thru DPF2-B.

%% Effective thru Serial Suffix DP-Q.

Effective with Serial Suffix DPA2 & Up.

Effective thru Serial Suffix DPA2-C & DPF2-C.

Effective with Serial Suffix DPA2-D & Up & DPF2-E & Up.

π Effective with Serial Suffix DP-K, DP-N & Up & DPF2-D.

ππ Effective with Serial Suffix DPF2-D Only.

@ Effective thru Serial Suffix DPF2-G & DPA2-E.

@@ Effective with Serial Suffix DPF2-H & DPA2-F.

@@@ Effective thru Serial Suffix DPF2-J & DPA2-G.

& Effective with Serial Suffix DPF2-K & DPA2-H.

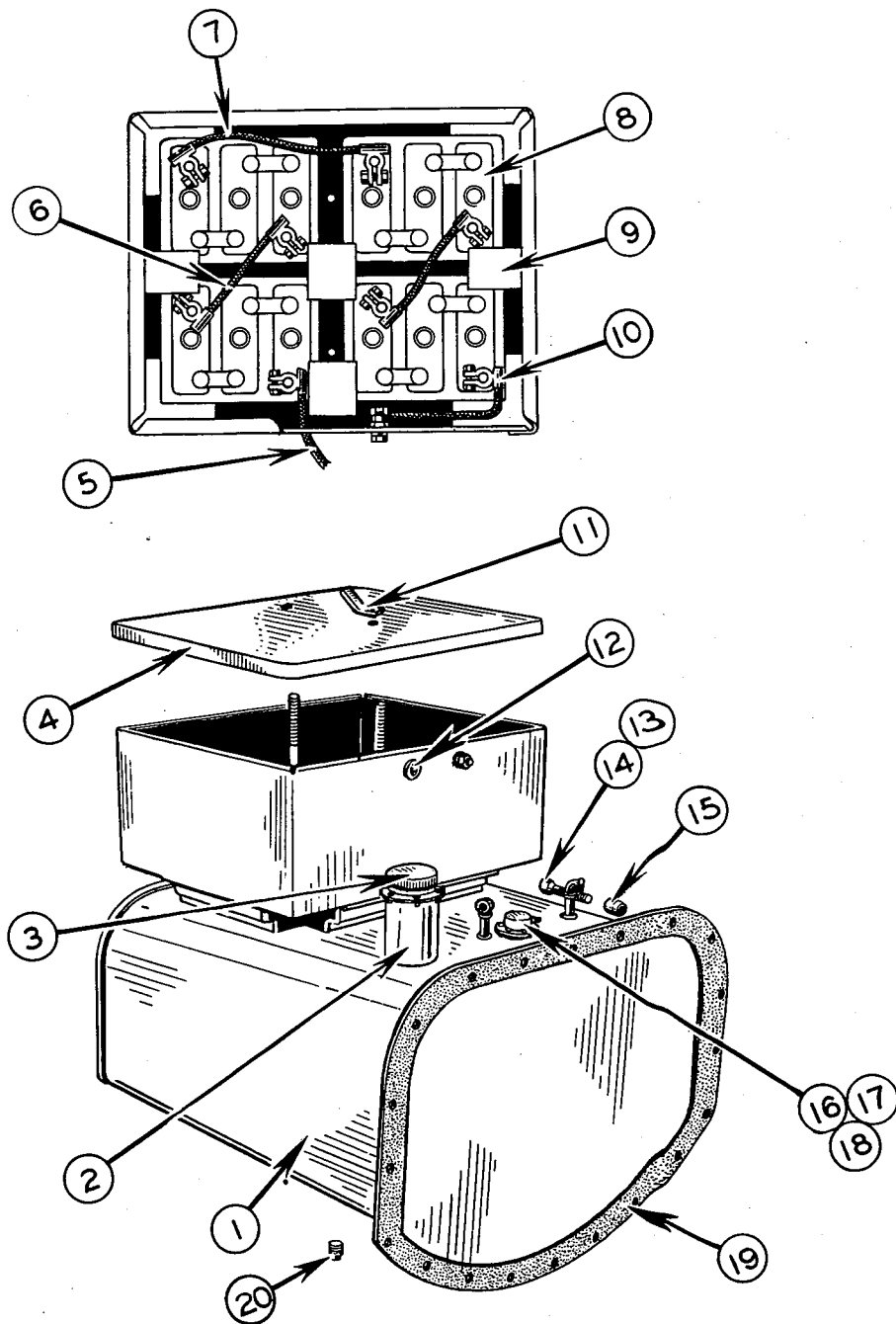


FIG. 401

FUEL TANK & BATTERY BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 401

FUEL TANK - BATTERY BOX

Ref. No.	Part No.	Description	Qty.
1	SG-4963	FUEL TANK	1
2	SF-4318	FILLER NECK ASSEMBLY	1
	R-5507	FILLER NECK	1
	SF-4319	FILLER TUBE	1
	R-5449	GASKET	2
	SG-1375	SCREW	6
3	R-6605	CAP	1
4	SG-4954	COVER	1
5	SG-1408	STARTER CABLE	1
6	SG-1402	JUMPER CABLE	2
7	SG-1404	JUMPER CABLE	1
8		BATTERY - 6 VOLT	4
9	SG-4953	BLOCK	4
10	SG-1400	GROUND CABLE	1
11	SH-3568	WING NUT	2
12	H-3043	GROMMET	1
13	C-1614	CAPSCREW	15
14	C-1616	CAPSCREW	5
15	SG-4690	SPACER	5
16	SG-4684	FLOAT UNIT	1
17	SG-1935	GASKET	1
18	SG-1375	SCREW	5
19	SF-5153	GASKET	1
20	R-2028	PIPE PLUG	1
(EFFECTIVE WITH SERIAL SUFFIX DP ONLY)			

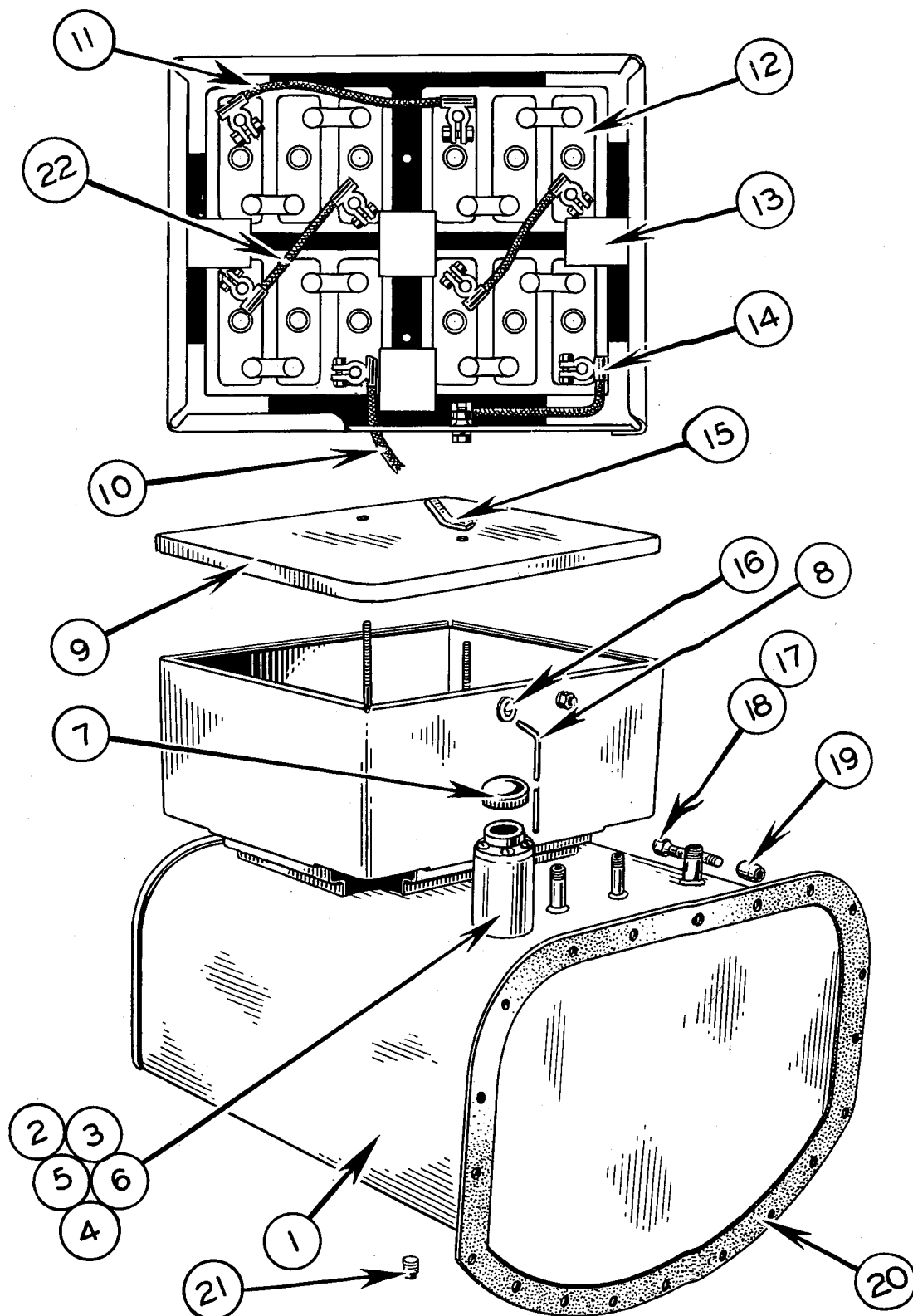


FIG. 402
FUEL TANK & BATTERY BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 402

FUEL TANK & BATTERY BOX

Ref. No.	Part No.	Description	Qty.
1	SP-1480	TANK, FUEL *	1
	TC-3201	TANK, FUEL **	1
	VC-1729	TANK, FUEL ***	1
	TH-5511	TANK, FUEL π	1
	VC-1946	TANK, FUEL ππ	1
	VF-9064	TANK, FUEL ##	1
2	DH-2293	STRAINER, FUEL πππ	1
	TH-9275	STRAINER, FUEL #	1
3	H-2642	SCREW, MACHINE - #10-24 x 1/2" πππ	6
4	R-2634	WASHER - #10 πππ	6
5	R-5507	NECK, FILLER πππ	1
6	R-5449	GASKET πππ	2
7	R-6605	CAP, FILLER πππ	1
	TH-9286	CAP, FILLER #	1
8	SL-8822	DIPSTICK πππ	1
	VC-1730	DIPSTICK #	1
	DH-4768	DIPSTICK ##	1
9	SG-4954	COVER	1
10	SL-3743	CABLE, STARTER - GM *	1
	SG-1408	CABLE, STARTER - GM	1
	TC-5158	CABLE, STARTER - CUMMINS	1
11	SG-1404	CABLE, JUMPER	4
12		BATTERY - 6 VOLT	4
13	SG-4953	BLOCK, SPACER	1
14	SG-1400	CABLE, GROUND	1
15	SH-3568	NUT, WING	2
16	H-3043	GROMMET	1
17	C-1614	CAPSCREW - 1/2" - 13NC x 1 1/2"	15
18	C-1616	CAPSCREW - 1/2" - 13NC x 2"	5
	C-1540	LOCKWASHER - 1/2"	20
19	SG-4690	SPACER	5
20	SF-5153	GASKET	1
21	R-2028	PLUG, PIPE - 3/4"NPT	1
	C-5770	PLUG, PIPE - 3/8"NPT	1
22	SG-1402	CABLE, JUMPER	2
		NOT SHOWN	
	SP-1488	WIRE - BATTERY TO OIL PRESSURE GAGE - CUMMINS	1
	VF-9066	FASTENER, CLIP ##	4
		NOTE: * EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-I & DP-M. ** EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N THRU DP-2, DPF2 THRU DPF2-H. *** EFFECTIVE WITH SERIAL SUFFIX DPF2-F THRU DPF2-J. π EFFECTIVE WITH SERIAL SUFFIX DPA2 THRU DPA2-F. ππ EFFECTIVE WITH SERIAL SUFFIX DPA2-G ONLY. πππ EFFECTIVE THRU SERIAL SUFFIX DPF2-H & DPA2-F. # EFFECTIVE WITH SERIAL SUFFIX DPF2-J & DPA2-G. ## EFFECTIVE WITH SERIAL SUFFIX DPF2-K & DPA2-H.	
		(EFFECTIVE WITH SERIAL SUFFIX DP-A, DPF2, DPA2 & UP)	

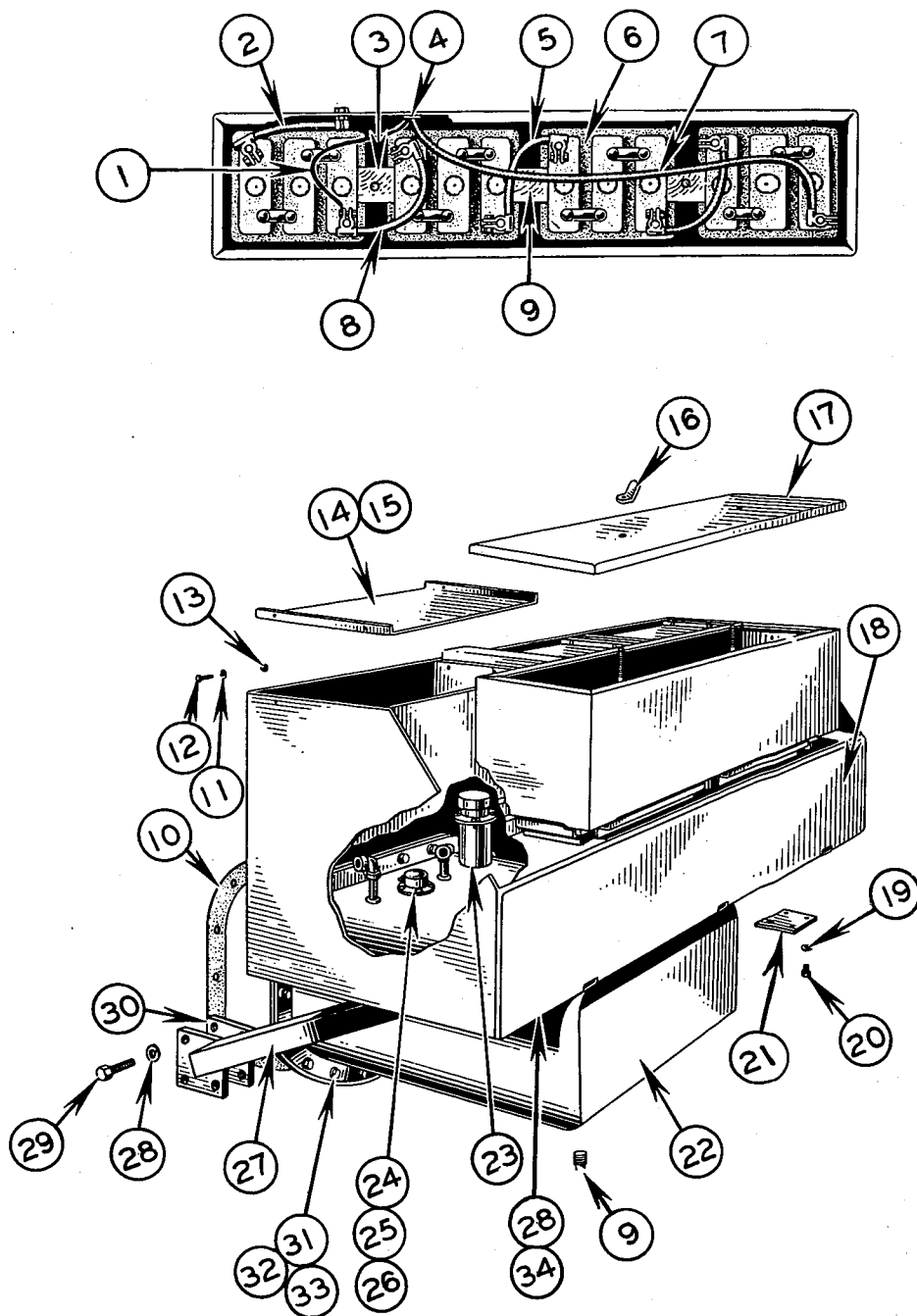


FIG. 403

FUEL TANK - BALLAST - BATTERY BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 403

FUEL TANK - BALLAST - BATTERY BOX

Ref. No.	Part No.	Description	Qty.
1	SL-4157	WIRE - 6 VOLT FUEL LEVEL	1
2	SG-1400	GROUND CABLE	1
3	SL-3487	BLOCK	3
4	H-3043	GROMMET	1
5	SG-1406	JUMPER CABLE	1
6		BATTERY - 6-VOLT	4
7	SL-3743	STARTER CABLE	1
8	SG-1404	JUMPER CABLE	2
9	R-2028	PLUG - 3/4"	1
10	SF-5153	GASKET	1
11	C-5774	LOCKWASHER - 1/4"	8
12	C-7588	CAPSCREW - 1/4" NC x 1"	8
13	C-5780	NUT - 1/4" NC	8
14	SL-5366	COVER - END	2
15	SL-5367	COVER - CENTER	1
16	SH-3568	WING NUT	2
17	SL-3484	BATTERY BOX COVER	1
18	SL-3476	BALLAST - BATTERY BOX	1
19	C-5774	LOCKWASHER - 1/4"	12
20	C-3145	CAPSCREW - 1/4" NC x 5/8"	12
21	SL-3913	COVER PLATE	3
22	SL-3490	FUEL TANK	1
23	SF-4318	FUEL STRAINER ASSEMBLY	1
	R-5449	GASKET	2
	R-5507	FILLER NECK	1
	SF-4319	FUEL FILTER	1
	SG-1375	SCREW	6
24	SG-4684	FLOAT	1
25	SG-1935	GASKET	1
26	SG-1375	SCREW	5
27	SL-5190	BRACE - LEFT	1
	SL-5180	BRACE - RIGHT	1
28	C-1542	LOCKWASHER - 3/4"	10
29	D-312	CAPSCREW - 3/4" NC x 1 1/4"	6
30	SL-5198	BOLT PLATE	2
31	SG-4690	SPACER	5
32	C-1616	CAPSCREW - 1/2" NC x 2"	5
33	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	15
34	C-1709	CAPSCREW - 3/4" NF x 2"	5
(EFFECTIVE WITH SERIAL SUFFIX DP ONLY)			

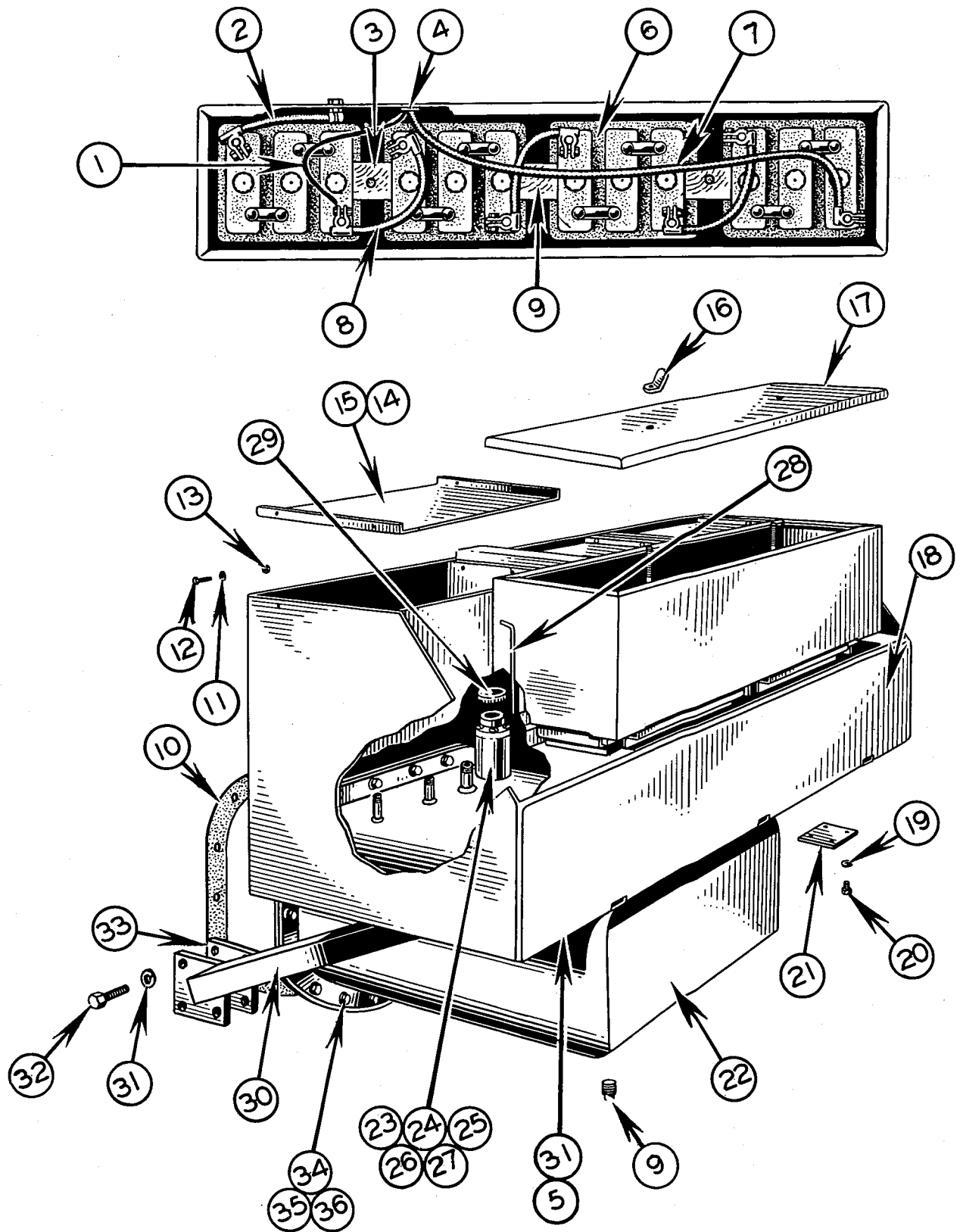


FIG. 404

FUEL TANK-BALLAST-BATTERY BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 404

FUEL TANK - BALLAST BOX - BATTERY BOX

Ref. No.	Part No.	Description	Qty.
1	SP-1483	WIRE - TO OIL PRESSURE SWITCH	1
2	SG-1400	GROUND CABLE	1
3	SL-3487	BLOCK	3
4	H-3043	GROMMET	1
5	C-1709	CAPSCREW - 3/4" NF x 2"	4
6		BATTERY - 6 - VOLT	4
7	SL-3743	STARTER CABLE - GM	1
	TC-5158	STARTER CABLE - CUMMINS	1
8	SG-1404	JUMPER CABLE	3
9	R-2028	PLUG	1
10	SF-5153	GASKET	1
11	C-5774	LOCKWASHER - 1/4"	8
12	C-7588	CAPSCREW - 1/4" NC x 1"	8
13	C-5780	NUT - 1/4" NC	8
14	SL-5366	COVER - END	2
15	SL-5367	COVER - CENTER	1
16	SH-3568	WINGNUT	2
17	SL-3484	BATTERY BOX COVER	1
18	SL-3476	BATTERY & BALLAST BOX	1
19	C-5774	LOCKWASHER - 1/4"	12
20	C-3145	CAPSCREW - 1/4" NC x 5/8"	12
21	SL-3913	COVER PLATE	3
22	SP-1486	FUEL TANK (Effective thru Serial Suffix DP-J, DP-L & DP-M)	1
	TC-3803	FUEL TANK (Effective with Serial Suffix DP-K, DP-N & Up)	1
23	DH-2293	FUEL STRAINER	1
24	SG-1375	SCREW - #10-24 NC x 1/2" CAD.	6
25	R-2634	WASHER - #10	6
26	R-5507	FILLER NECK	1
27	R-5449	GASKET	2
28	SL-8822	GAGE	1
29	R-6605	CAP	1
30	SL-5190	BRACE - LEFT	1
	SL-5180	BRACE - RIGHT	1
31	C-1542	LOCKWASHER - 3/4"	10
32	D-312	CAPSCREW - 3/4" NC x 1 1/4"	6
33	SL-5198	BOLT PLATE	2
34	SG-4690	SPACER	5
35	C-1616	CAPSCREW - 1/2" NC x 2"	5
36	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	15

(USED WITH D LOGGING ARCH)

(EFFECTIVE WITH SERIAL SUFFIX DP-A, DPF2, DPA2 & UP)

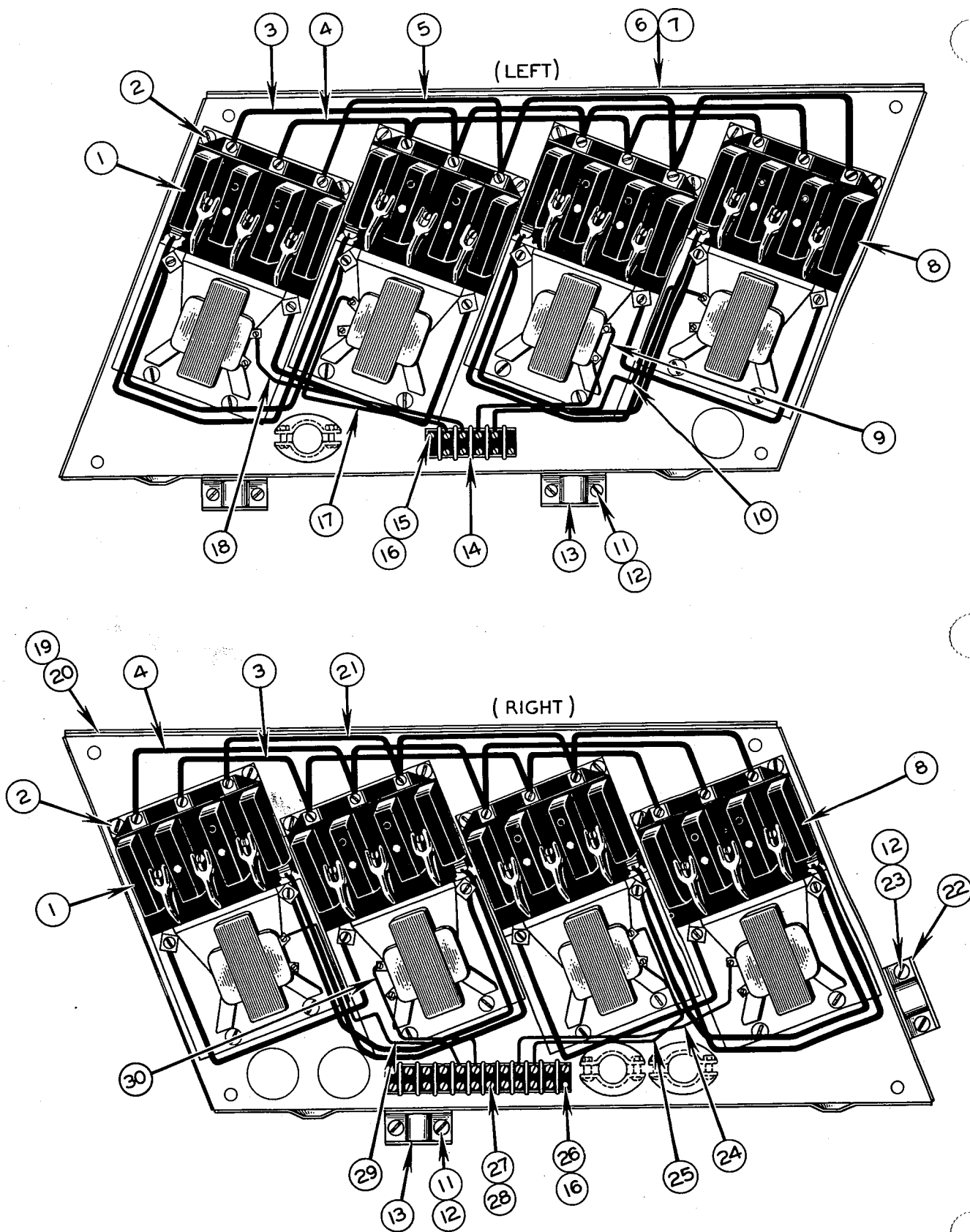
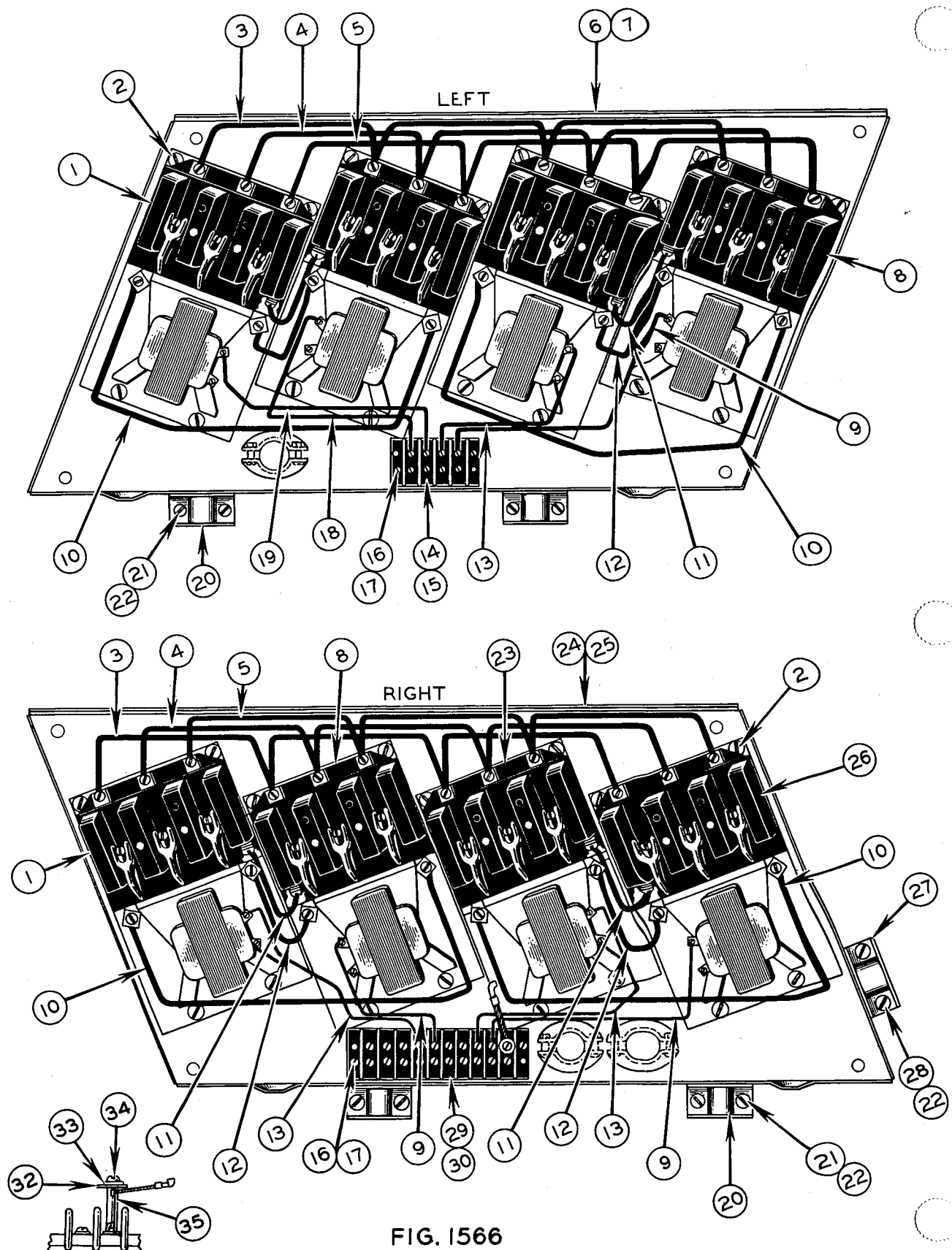


FIGURE 872
RIGHT & LEFT MAIN SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 872 RIGHT & LEFT MAIN SWITCH BOX ASSEMBLY DF-3785-LEFT
DF-3786-RIGHT

Ref. No.	Part No.	Description	Qty.
1	TC-9535	CONTACTOR - RIGHT HAND	4
2	SR-4042	CAPSCREW - 1/4" NC x 3/8"	32
3	DF-3774	JUMPER WIRE	6
4	DF-3773	JUMPER WIRE	6
5	DF-3776	JUMPER WIRE	3
6	TC-8923	SWITCH BOX - LEFT	1
7	SG-1387	COVER - LEFT	1
8	TC-9536	CONTACTOR - LEFT HAND	4
9	DF-3763	CONTROL WIRE	1
10	DF-3762	CONTROL WIRE	1
11	DF-1800	CAPSCREW - 1/4" NC x 3/4"	12
12	DF-1577	NUT - 1/4" NC SQUARE	14
13	DF-1311	GROMMET	6
14	SC-3548	TERMINAL STRIP	1
15	SC-731	SCREW - #10 NC x 5/8"	2
16	H-2644	NUT - 3/16"	4
17	DF-3765	CONTROL WIRE	1
18	DF-3764	CONTROL WIRE	1
19	TC-8924	SWITCH BOX - RIGHT	1
20	SG-1386	COVER - RIGHT	1
21	DF-3775	JUMPER WIRE	3
22	DF-1310	GROMMET	1
23	DF-1578	SCREW - 1/4" NC x 1"	2
24	DF-3768	CONTROL WIRE	1
25	DF-3769	CONTROL WIRE	1
26	H-2639	SCREW	2
27	SR-8237	TERMINAL STRIP	1
28	DL-441	INSULATOR	1
29	DF-3767	CONTROL WIRE	1
30	DF-3766	CONTROL WIRE	1
NOTE: QUANTITIES FOR LEFT & RIGHT SWITCH BOX ASSEMBLIES.			
(EFFECTIVE THRU SERIAL SUFFIX DP-P)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1566

SWITCH BOX ASSEMBLY

TL-531-R.H. TC-8928-L.H.
TD-4410-R.H. TC-8927-R.H.

Ref. No.	Part No.	Description	Qty.
1	TC-9535	CONTACTOR - RIGHT HAND	3
2	SR-4042	CAPSCREW - 1/4" NC x 3/8"	32
3	TC-9952	WIRE, JUMPER (Red)	6
4	TC-9951	WIRE, JUMPER (White)	6
5	TC-9549	WIRE, JUMPER (Black)	6
6	TC-8923	BOX, SWITCH - LEFT	1
7	DF-3414	COVER, BOX	1
8	TC-9536	CONTACTOR - LEFT HAND	3
9	TC-9960	WIRE, CONTROL	2
10	TF-704	WIRE, JUMPER	4
11	TC-9955	WIRE, JUMPER	4
12	TC-9953	WIRE, JUMPER	4
13	TC-9548	WIRE, CONTROL	2
14	SR-8235	STRIP, TERMINAL - 4 POINT	1
15	DH-9868	INSULATOR	1
16	DC-1973	SCREW - #10-24 x 3/4"	4
17	H-2644	NUT - #10-24	4
18	TC-8929	WIRE, CONTROL	1
19	TC-8931	WIRE, CONTROL	1
20	DF-1311	GROMMET	4
21	DF-1800	SCREW - 1/4" NC x 3/4"	6
22	DF-1577	NUT - 1/4" NC	10
23	TC-9535	CONTACTOR - RIGHT HAND	1
24	TD-4409	BOX, SWITCH - RIGHT HAND	1
25	DF-3415	COVER, BOX	1
26	TC-9536	CONTACTOR - LEFT HAND	1
27	DF-1310	GROMMET	1
28	DF-1578	CAPSCREW - 1/4" NC x 1"	4
29	SR-8237	STRIP, TERMINAL	1
30	DL-441	INSULATOR	1
31	DL-4176	RESISTOR	1
32	TG-1337	WASHER, MICA	1
33	HD-8578	FLATWASHER - #8	1
34	SD-5372	SCREW, MACHINE - #8-32 x 1 1/2"	1
NOTE: QUANTITIES FOR LEFT & RIGHT SWITCH BOX ASSEMBLIES			
TD-4410 SWITCH BOX ASSY. EFFECTIVE THRU SERIAL SUFFIX DP-R, DPS, DPF2 THRU DPF2-A, DPA2 THRU DPA2-A.			
TL-531 SWITCH BOX ASSY. EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2-B & UP.			
(EFFECTIVE WITH SERIAL SUFFIX DP-Q, DP-R, DPF2 THRU DPF2-H, DPA2 THRU DPA2-F)			

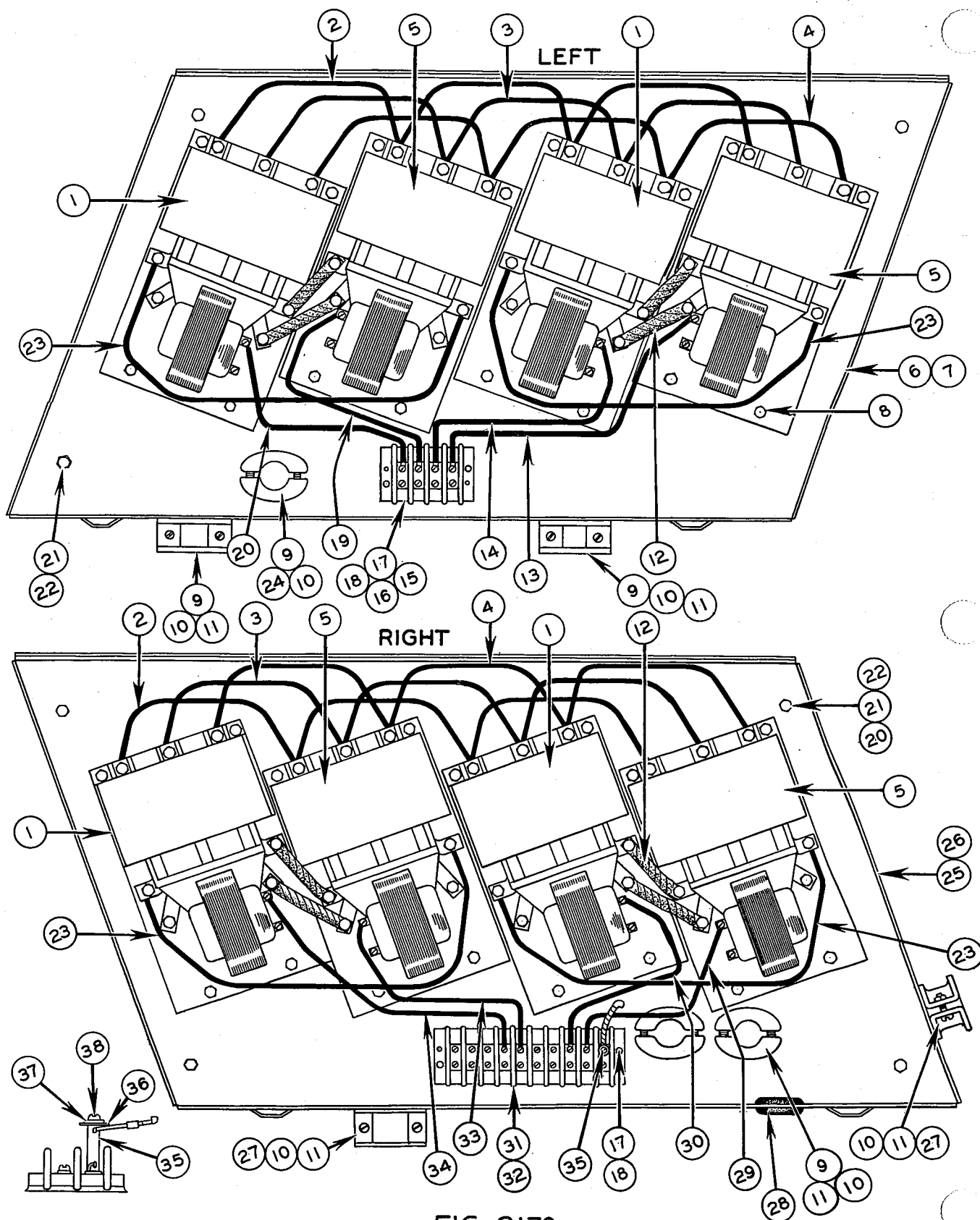


FIG. 2179

LEFT & RIGHT MAIN SWITCH BOX

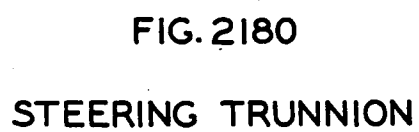
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2179

SWITCH BOX ASSEMBLY VC-5382 - R.H.
VC-5381 - L.H.

Ref. No.	Part No.	Description	Qty.
1	TC-9535	CONTACTOR - R.H. (See Index)	4
2	VC-5375	WIRE, JUMPER (Red)	6
3	VC-5376	WIRE, JUMPER (White)	6
4	VC-5377	WIRE, JUMPER (Black)	6
5	TC-9536	CONTACTOR - L.H. (See Index)	4
6	TC-8923	BOX, SWITCH - L.H.	1
7	SG-1387	COVER - L.H.	1
8	SR-4042	CAPSCREW - 1/4" - 20NC x 3/8"	32
9	DF-1311	GROMMET, CABLE	6
10	DF-1577	NUT - 1/4" - 20NC	12
11	DF-1800	SCREW, MACHINE - 1/4" - 20NC x 3/4"	10
12	TH-3760	BAR, BUS	8
13	DL-832	WIRE, CONTROL	1
14	DL-831	WIRE, CONTROL	1
15	SR-8235	STRIP, TERMINAL	1
16	DH-9868	INSULATOR	1
17	H-2644	NUT - #10-24	4
18	H-2639	SCREW, MACHINE - #10-24 x 1"	4
19	DL-828	WIRE, CONTROL	1
20	DL-827	WIRE, CONTROL	1
21	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4"	6
22	C-312	LOCKWASHER - 3/8"	6
23	VC-5378	WIRE, JUMPER	4
24	DF 1578	SCREW, MACHINE - 1/4" - 20NC x 1"	4
25	TD-4409	BOX, SWITCH - R.H.	1
26	SG-1386	COVER - R.H.	1
27	DF-1310	GROMMET, CABLE	1
28	SG-2103	GROMMET, RUBBER	1
29	DL-6570	WIRE, CONTROL	1
30	DL-6569	WIRE, CONTROL	1
31	SR-8327	STRIP, TERMINAL	1
32	DL-441	INSULATION	1
33	DL-6571	WIRE, CONTROL	1
34	DL-6572	WIRE, CONTROL	1
35	DL-4176	RESISTOR	1
36	TG-1337	WASHER, MICA	1
37	HD-8578	WASHER, FLAT	1
38	SD-5372	SCREW, MACHINE - #8-32 x 1 1/2"	1

(EFFECTIVE WITH SERIAL SUFFIX DPF2-J, DPA2-G.)



STEERING TRUNNION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2180

STEERING TRUNNION

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SG-7841	Cone, Bearing	1	30	TC-7850	Plate, Clamp - Top	2
2	R-1472	Cup, Bearing	1	31	DF-7354	Plate, Clamp - Bottom	2
3	HD-6566	Capscrew	11	32	H-8136	Capscrew - 1/4"-20nc x 1/2"	3
4	C-1708	Capscrew	7	33	C-5774	Lockwasher - 1/4"	3
5	SL-5145	Collar	7	34	C-1531	Nut - 1" - 18nc	1
6	TH-7049	Band, Retaining **	1	35	R-3408	Nut	1
7	SD-5191	Nipple - 1/2"npt x 4" ** ...	1	36	C-1681	Capscrew - 1/2" - 20nf x 2"	1
3	SC-4970	Ell, Street - 1/2"npt x 90° ** ...	4	37	C-1524	Nut - 1/2" - 20nf	1
7	SF-5350	Bolt, Hitch - Lower	2	38	C-320	Cup, Bearing	1
1	SF-5354	Nut, Hitch	2	39	C-11	Cone, Bearing	1
1	F-4820	Nipple - 1/2"npt x 1 1/2" ...	2	40	L-8	Seal, Oil	1
2	E-2579	Nipple, Close - 1/2"npt	1	41	SH-7705	Kingpin	1
3	TH-7027	Pipe, Fill	1		SH-7702	Ball Slab	1
4	SF-5357	Bolt, Hitch - Upper	2	42	SG-7161	Housing ç	1
5	SF-5351	Nut, Hitch	2		TD-7770	Housing çç	1
5	SF-7528	Cover, Steering Tube	1		TH-7036	Housing **	1
7	DG-6249	Cap, Drilled - 1/2"npt	1		VC-1073	Housing π	1
3	R-2642	Fastener	1	43	SG-7159	Member, Sealing *	1
7	SC-4161	Screw, Mach. - #8-32 x 5/8" ...	2		TH-8701	Member, Sealing **	1
1	SD-2599	Lockwasher - #8	2	44	SF-2854	Gear *	1
1	DF-7355	Cam, Limit	1		TL-702	Gear **	1
2	SF-6461	Cover	1	45	TG-1993	Nipple - 1/2" npt **	1
3	SF-6719	Gasket	1	46	S-5188	Cap, Pipe - 1/2" npt	1
4	DF-5856	Switch Assembly	2	47	C-1644	Capscrew-3/4"-10nc x 2" π ..	2
5	R-2638	Capscrew - #6-32 x 1/2" # ...	4	48	C-6865	Setscrew-3/4"-10nc x 2" π	2
5	SV-8991	Capscrew - #6-32 x 1 1/4" ## ..	4	49	E-5222	Nut, Jam-3/4"-10nc π	4
5	C-1546	Washer, Flat - 1/4"	4			Not Shown	
7	DH-321	Nut - #6-32	4				
3	C-5746	Capscrew - 1/4"-20nc x 3/4" # ...	4		D-5832	Cap, Breather *	1
3	C-7588	Capscrew - 1/4"-20nc x 1" ## ...	4		R-7013	Sleeve, Grease ç	1
7	TC-7851	Panel, Insulating - Top	2		DD-4902	Bushing ç	1
	TC-7852	Panel, Insulating - Bottom ...	2				

- * Effective thru Serial Suffix DP-R, DPS, DPF2-A & DPA2-A.
- ** Effective with Serial Suffix DPF2-B & DPA2-B.
- # Effective thru Serial Suffix DP-J.
- ## Effective with Serial Suffix DP-K thru DP-P, DPS, DPF2, DPA2 & Up.
- ç Effective thru Serial Suffix DP-P.
- çç Effective with Serial Suffix DP-Q thru DP-R, DPS, DPF2 thru DPF2-A, DPA2 thru DPA2-A.
- π Effective with Serial Suffix DPF2-G & DPA2-J.

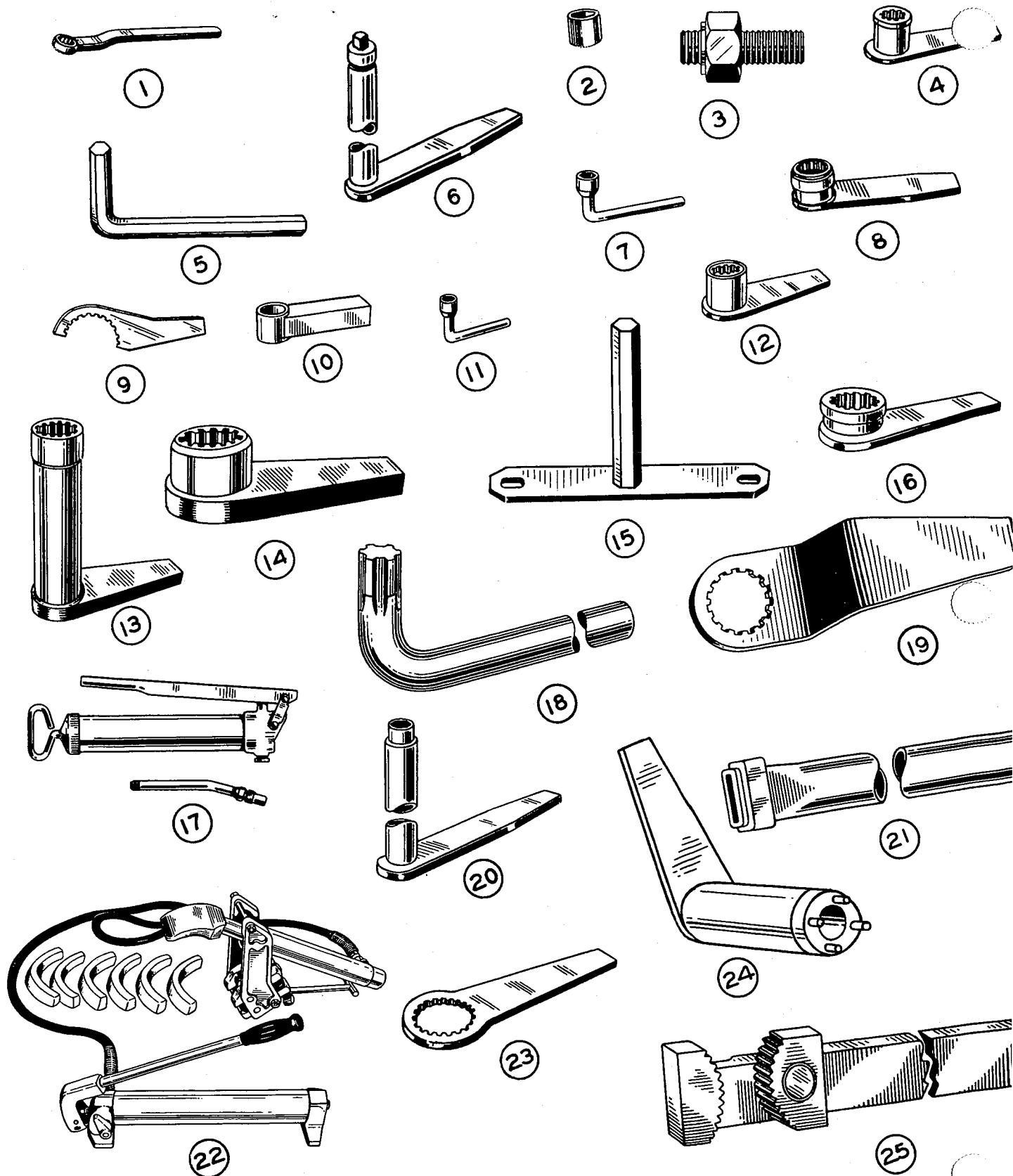


FIG. 1742
TOOLS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1742

TOOLS

Ref. No.	Part No.	Description	Qty.
1	SF-6903	WRENCH - CLUTCH TO FLYWHEEL	1
2	DD-49	SOCKET - 1 5/16"	1
3	SF-5817	ADAPTOR, VALVE STEM	1
4	SF-3969	WRENCH - GENERATOR SHAFT	1
5	D-6058	ALLEN WRENCH-1/2" (Optional)	1
6	DH-3370	WRENCH - WHEEL CAPSCREW	1
7	DD-1181	WRENCH - MOTOR BRAKE - 1 1/2" (Optional)	1
8	HC-1457	WRENCH	1
9	HC-1940	WRENCH - MOTOR BRAKE HUB	1
10A	SG-6115	WRENCH - 18 x 25 WHEEL	1
B	SH-3979	WRENCH SUPPORT - 56" WHEEL (Optional)	1
C	SH-3977	WRENCH SUPPORT - 65" WHEEL	1
11	H-8220	WRENCH - GREASE FITTING (Optional)	1
12	SF-4221	WRENCH - OUTPUT SHAFT	1
13	SG-3800	WRENCH	1
14A	SF-9061	WRENCH - HITCH BOLT	1
B	HD-8418	WRENCH - PINION RETAINER NUT	1
15	TC-9992	WRENCH - MOTOR BRAKE	1
16	SG-7859	WRENCH - GEARBOX 2ND RED. GEAR LOCKNUT	1
17	R-4372	GREASE GUN (Optional)	1
18	SF-6469	WRENCH - PINION RETAINER NUT	1
19	DF-422	WRENCH - 16 TOOTH (Optional)	1
20	DD-1343	WRENCH - WHEEL CAPSCREW	1
21	SG-6117	EXTENSION	1
22A	TC-775	TIRE REMOVAL TOOL - (OPTIONAL FOR TUBE TYPE TIRES)	1
B	TC-774	TIRE REMOVAL TOOL - (OPTIONAL FOR TUBELESS TIRES)	1
23	SF-5583	WRENCH	1
24	TL-3580	WRENCH, SPANNER - (USED WITH FULLER 5G-720 TRANSMISSION)	1
25	SF-9450	WRENCH, DIFFERENTIAL ADJ. NUT (Optional)	1
SG-7858 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 6, 8 THRU 10A, 12 THRU 14A, 15, 16, 18, 20, 21, 23 & 24. SP-9470 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 6, 8, 9, 10C, 12 THRU 14A, 15, 18, 20, 21 & 24. SP-9473 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 5, 6, 7, 10A, 10C, 12 THRU 14A, 15, 16, 18, 20, 21, 23 & 24. TH-1437 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 8, THRU 10A, 12 THRU 16, 20, 21 & 23. TH-1438 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 6, 8, 9, 10C, 12, 13, 14B, 15, 18, 20, 21 & 24. TH-1439 TOOL GROUP INCLUDES ITEMS 1 THRU 4, 6, 8 THRU 10A, 10C, 12, 13, 14B, 15, 16, 18, 20, 21 & 23.			
(OPTIONAL)			

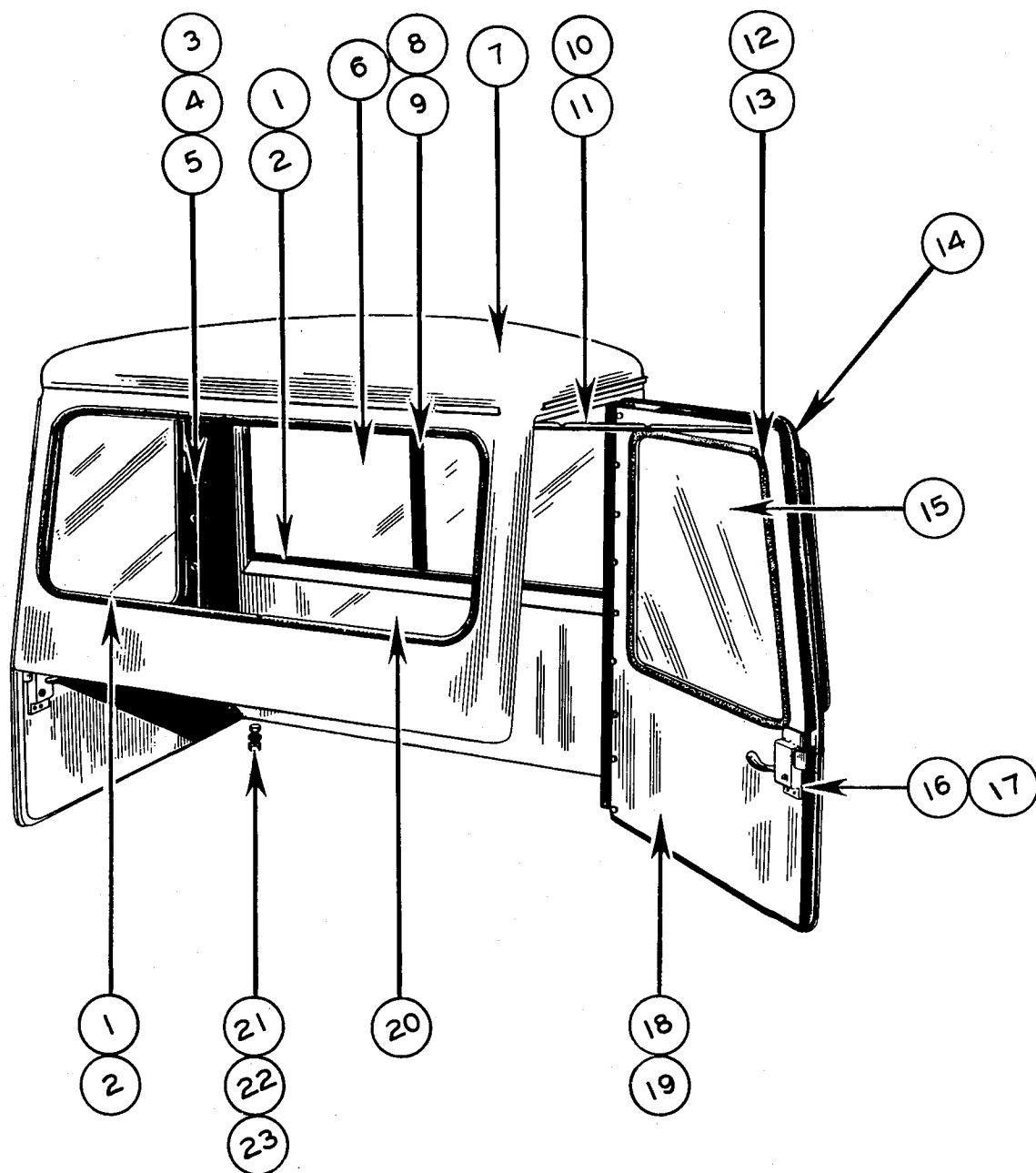


FIG. 1590

CAB

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1590

CAB ASSEMBLY SG-2734

Ref. No.	Part No.	Description	Qty.
1	SF-9792	STRIP, RUBBER	2
2	SF-9793	STRIP, FILLER	2
3	SF-9490	SCREW - 1/4" NC x 1 3/4"	18
4	DC-3584	LOCKWASHER	18
5	SL-8395	NUT	18
6	SG-4234	GLASS - REAR	2
7	SG-1826	CAB	1
8	SG-4233	STRIP, RUBBER	1
9	SG-4235	STRIP, FILLER	2
10	SG-2733	ROD, STOP	2
11	SG-1822	PIN, ROLL	4
12	SG-1357	STRIP, WEATHER - GLASS	2
13	SG-4654	STRIP, FILLER - GLASS	2
14	SF-9469	STRIP, RUBBER - DOOR	2
15	SG-1642	GLASS - DOOR	2
16	SF-7715	LATCH - RIGHT	1
	SF-7716	LATCH - LEFT	1
17	SF-7718	HANDLE	2
18	SG-4222	DOOR ASSY. - RIGHT	1
19	SG-4223	DOOR ASSY. - LEFT	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			
	SH-9950	WINDSHIELD WIPER KIT - GM (- 6 Volt)	1
	TC-8761	WINDSHIELD WIPER KIT - GM & CUMMINS (-24 Volt)	1
	SH-9955	DEFROSTER KIT - GM	1
	TC-8763	DEFROSTER KIT - GM	1
	SG-7821	HEATER KIT - GM	1
	TC-8766	HEATER KIT - GM	1
	TC-8764	HEATER KIT - CUMMINS	1
NOT SHOWN - OPTIONAL			
	SP-3845	REAR WINDOW GUARD GROUP	1
	CD-6616	REAR WINDOW GUARD	1
	SP-3846	BOLT PAD	6
	C-5774	LOCKWASHER - 1/4"	6
	H-8136	CAPSCREW - 1/4" NC x 1/2"	6

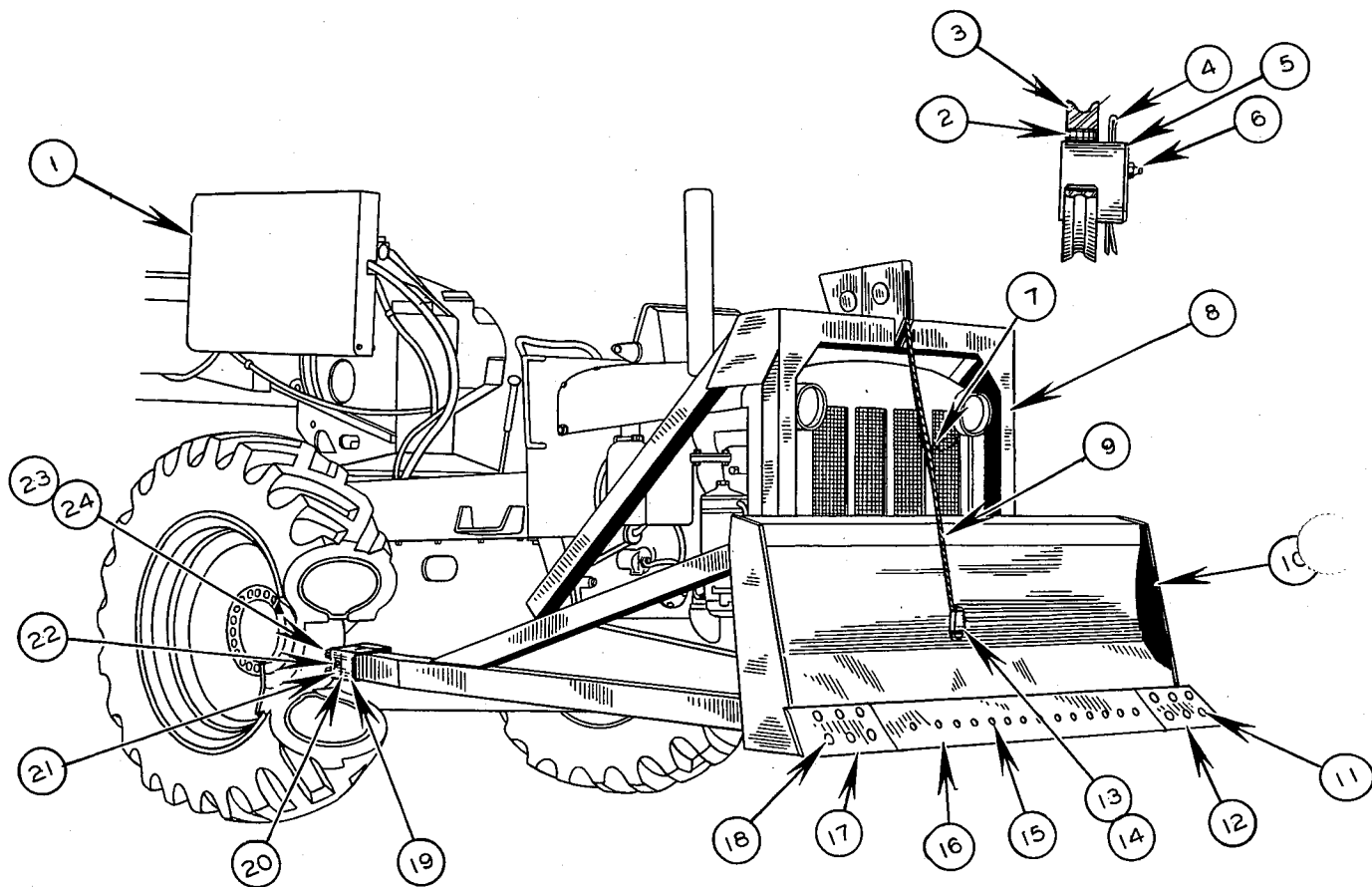


FIG. 406

BULLDOZER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 406

BULLDOZER

Ref. No.	Part No.	Description	Qty.
1		SWITCH BOX ASSEMBLY - SEE INDEX	1
2	H-225	BEARING	2
3	DC-6046	SHEAVE	2
4	C-1051	COTTER PIN - 3/8" x 5"	2
5	R-826	SHEAVE PIN	2
6	C-315	GREASE FITTING	2
7	SG-3959	LOOP - WIRE ROPE	1
8	SG-3598	A - FRAME (Used with Narrow Radiator Shell)	1
	SG-7838	A - FRAME (Used with Snowplow)	1
	TF-2043	A - FRAME (Used with Wide Radiator Shell)	1
9	H-9545	WIRE ROPE - 5/8" - 6 x 19 x 17'	1
10	SH-1570	BOWL	1
11	C-2483	PLOWBOLT & NUT	6
12	SG-131	BLADE - LEFT HAND	1
13	C-504	SOCKET	1
14	C-445	WEDGE - WIRE ROPE	1
15	C-2604	PLOWBOLT & NUT	18
16	C-2299	BLADE - CENTER	1
17	SG-130	BLADE - RIGHT HAND	1
18	C-2145	CAPSCREW	6
19	DC-6747	BALL SOCKET	2
20	SH-7765	SHIM - .035	AR
	DC-9574	SHIM - .007	AR
21	DC-4708	BALL CAP	2
22	R-6366	GREASE FITTING	2
23	C-1713	CAPSCREW - 3/4" NF x 3"	8
24	C-1542	LOCKWASHER - 3/4"	8
NOT SHOWN			
	DG-6451	LIMIT SWITCH - SEE INDEX	1
	SV-90	LIMIT SWITCH - SEE INDEX	1
	SL-3172	LIMIT SWITCH CABLE	1
	SH-2230	CABLE (Generator to Switch Box)	1
	SG-4702	CABLE (Switch Box to Motor)	1
	SL-6430	CONDUIT	1
	DC-6745	BALL	2
	TC-5522	WIRE FOR CONTROL SWITCH	1
	TD-7293	CABLE - MAIN SWITCH BOX TO MOTOR *	1
	TD-7298	CABLE - INSTRUMENT PANEL TO SWITCH BOX *	1
	TD-7296	CABLE - TRANSFORMER TO SWITCH BOX *	1
	SF-8728	GUARD, WIRE ROPE DRUM	1
	SF-9287	DRUM, WIRE ROPE	1
	SG-1926	NUT, WIRE ROPE DRUM	1
	SC-1129	SETSCREW - 7/8" NC x 1"	1
	H-7486	SETSCREW - 1/4" NC x 1/2"	2
	C-1601	CAPSCREW - 3/8" NC x 3/4"	4
	C-312	LOCKWASHER - 3/8"	4
* USED WITH TD-9191, TD-9192 & TF-2042 BULLDOZER GROUPS.			

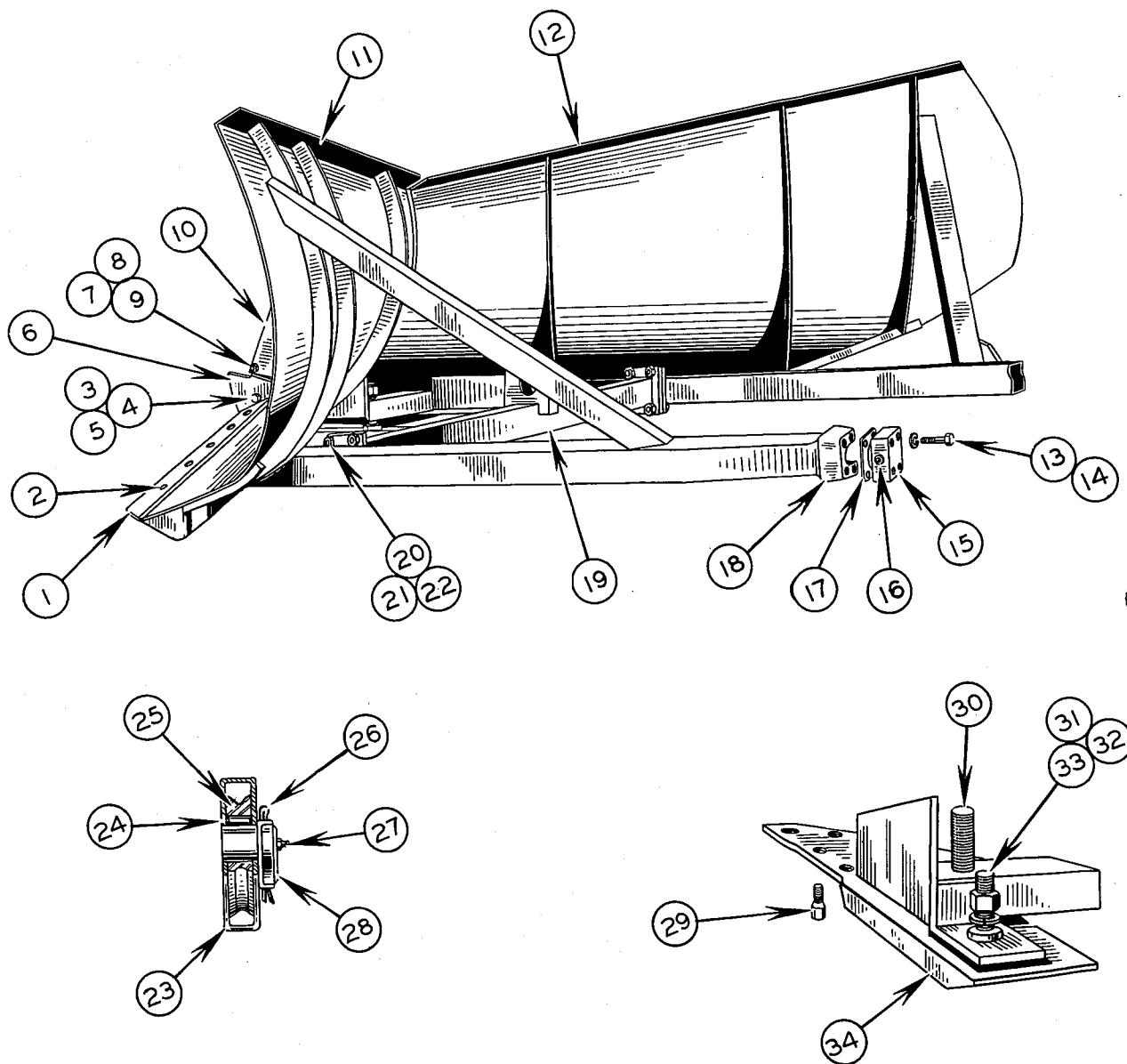


FIG. 407

SNOWPLOW

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 407

SNOWPLOW

Ref. No.	Part No.	Description	Qty.
1	SG-2460	BLADE	2
2	C-2604	BOLT & NUT	16
3	C-1630	CAPSCREW - 5/8" NC x 2"	1
4	C-1541	LOCKWASHER - 5/8"	1
5	C-1525	NUT - 5/8" NC	1
6	SG-4727	STRIKER PLATE	1
7	C-1615	CAPSCREW - 1/2" NC x 1 3/4"	11
8	C-1540	LOCKWASHER - 1/2"	11
9	C-1523	NUT - 1/2" NC	11
10	SG-4722	PROW	1
11	SG-4471	BOWL L. H.	1
12	SG-2488	BOWL R. H.	1
13	C-1713	CAPSCREW - 3/4" NF x 3"	8
14	C-1542	LOCKWASHER - 3/4"	8
15	DC-4708	BALL CAP	2
16	R-6366	GREASE FITTING	2
17	SH-7765	SHIM - .035	AS REQ'D
	DC-9574	SHIM - .007	AS REQ'D
18	DC-6747	BALL SOCKET	2
19	SG-2465	CROSS BEAM	1
20	C-1630	CAPSCREW - 5/8" NC x 2"	8
21	C-1541	LOCKWASHER - 5/8"	8
22	C-1525	NUT - 5/8" NC	8
23	SG-2463	HOUSING	1
24	H-225	BEARING	1
25	DC-6046	SHEAVE WHEEL	1
26	C-1051	COTTER PIN - 3/8" x 5"	1
27	C-315	GREASE FITTING - 1/8" STRAIGHT	1
28	S-646	SHEAVE PIN	1
29	SD-4299	CAPSCREW	7
30	SG-2458	BOLT	1
31	SG-4928	CAPSCREW	1
32	C-1553	WASHER - 1"	1
33	C-1531	NUT - 1" NC	1
34	SG-2457	DEPTH SHOE	1
NOT SHOWN			
	DC-6745	BALL	2
	C-1612	CAPSCREW - 1/2" NC x 1"	4
	C-312	LOCKWASHER - 3/8"	4
	C-1601	CAPSCREW - 3/8" NC x 3/4"	4
	H-7486	CAPSCREW - 1/4" NC x 1/2"	2
	SC-584	WIRE ROPE - 1/2" - 6 x 19 x 25'	1
	SH-5292	LIMIT SWITCH CAM	1
	SG-3959	WIRE ROPE LOOP	1
	SG-4937	STOP PLATE	1
	SF-7103	SETSCREW - 7/8" NC x 1 1/4"	1

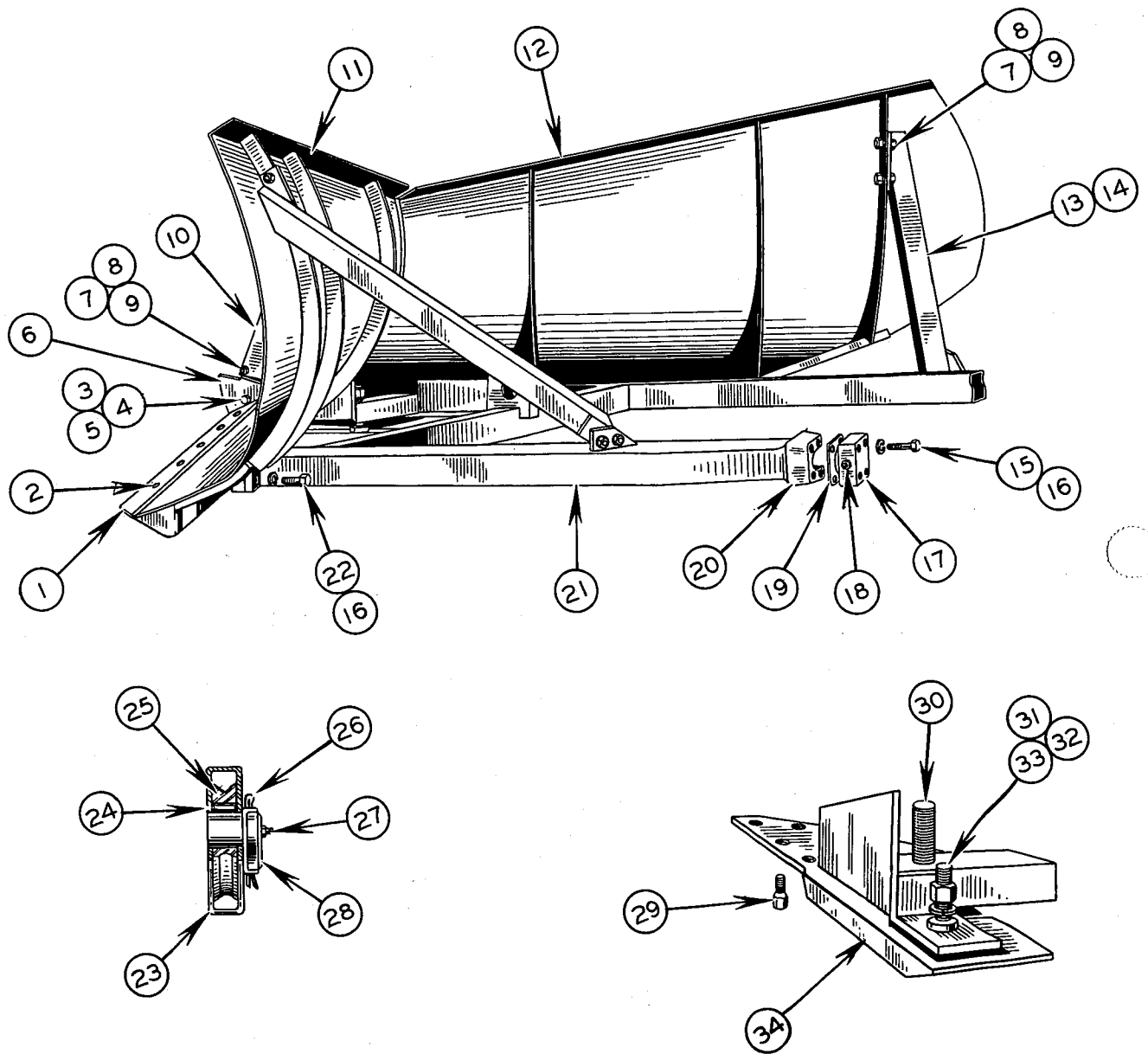


FIG. 408

(KNOCK DOWN)
SNOWPLOW

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 408

SNOWPLOW (KNOCKDOWN)

Ref. No.	Part No.	Description	Qty.
1	SG-2460	BLADE	2
2	C-2604	PLOWBOLT & NUT	16
3	C-1630	CAPSCREW - 5/8" NC x 2"	1
4	C-1541	LOCKWASHER - 5/8"	1
5	C-1525	NUT - 5/8" NC	1
6	SG-4727	STRIKER PLATE	1
7	C-1615	CAPSCREW - 1/2" NC x 1 3/4"	11
8	C-1540	LOCKWASHER - 1/2"	15
9	C-1523	NUT - 1/2" NC	15
10	SG-4722	PROW	1
11	SG-4917	BOWL - L.H.	1
12	SG-4918	BOWL - R.H.	1
13	SG-4933	BRACE - L.H.	1
14	SG-4934	BRACE - R.H.	1
15	C-1713	CAPSCREW - 3/4" NF x 3"	8
16	C-1542	LOCKWASHER - 3/4"	8
17	DC-4708	BALL CAP	2
18	R-6366	GREASE FITTING	2
19	SH-7765	SHIM - .035	AS REQ'D
	DC-9574	SHIM - .007	AS REQ'D
20	DC-6747	SOCKET	2
21	SG-4935	YOKE	1
22	C-1643	CAPSCREW - 3/4" NC x 1 3/4"	8
23	SG-2463	HOUSING	1
24	H-225	BEARING	3
25	DC-6046	SHEAVE WHEEL	3
26	C-1051	COTTER PIN - 3/8" x 5"	3
27	C-315	GREASE FITTING - 1/8" STRAIGHT	3
28	R-826	SHEAVE PIN	3
29	SD-4299	CAPSCREW	7
30	SG-2458	BOLT	1
31	SG-4928	CAPSCREW	1
32	C-1553	WASHER - 1"	1
33	C-1531	NUT - 1" NC	1
34	SG-2457	DEPTH SHOE	1
NOT SHOWN			
	DC-6745	BALL	2
	C-1612	CAPSCREW - 1/2" NC x 1"	4
	C-1601	CAPSCREW - 3/8" NC x 3/4"	4
	C-312	LOCKWASHER - 3/8"	4
	H-7486	CAPSCREW - 1/4" NC x 1/2"	2
	SC-584	WIRE ROPE	1
	SH-5292	SWITCH CAM	1
	SG-3959	WIRE ROPE LOOP	1
	SG-4937	STOP PLATE	1
	SF-7103	SETSCREW - 7/8" NC x 1 1/4"	2

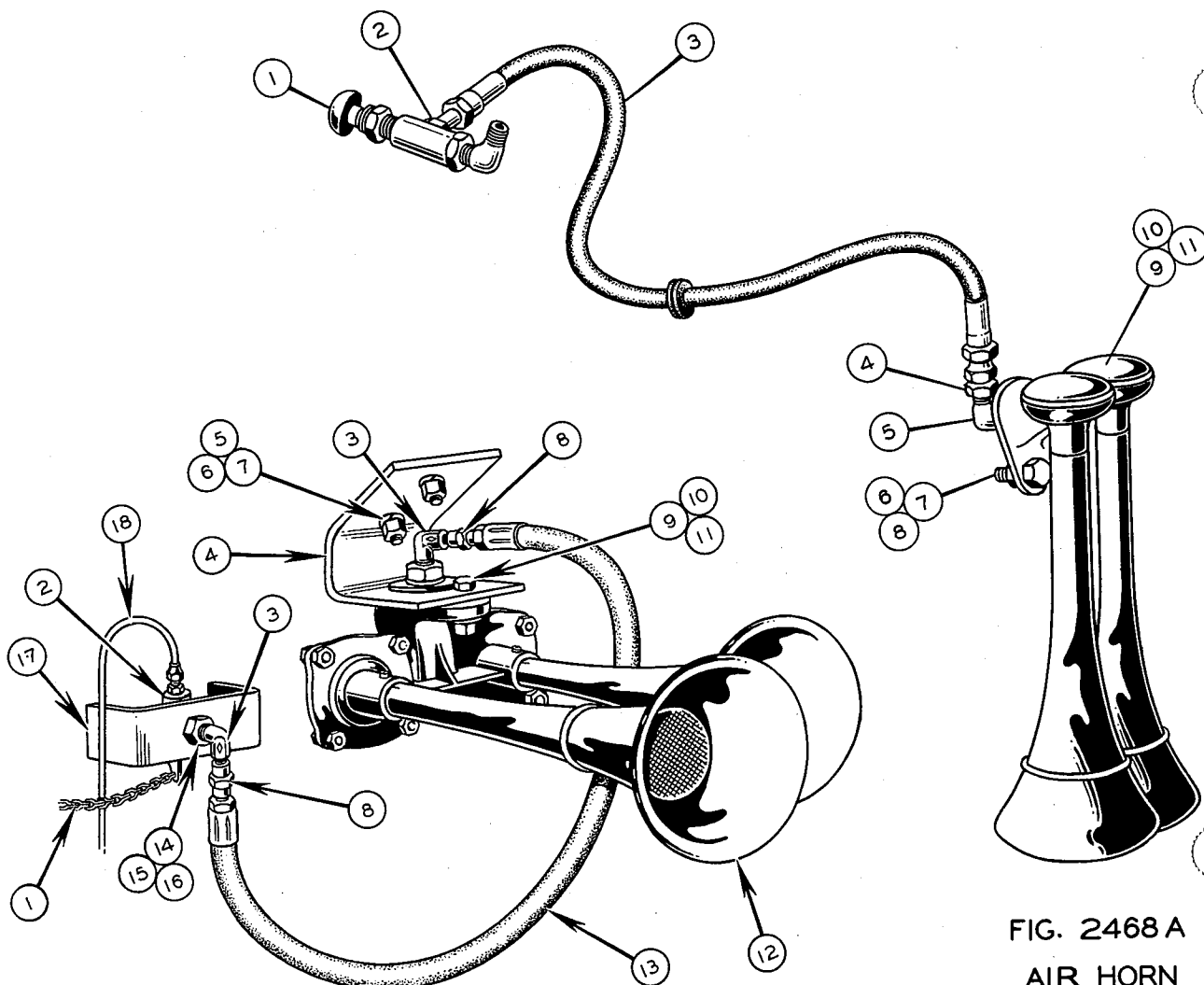


FIG. 2468 B
AIR HORN

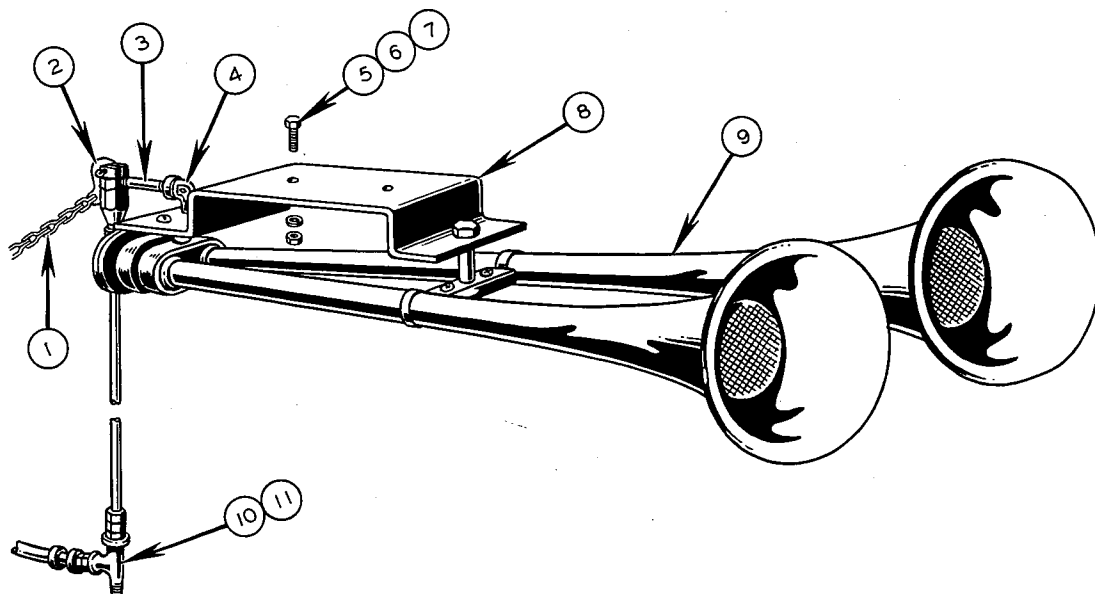


FIG. 2468 C
AIR HORN

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2468A

AIR HORN - VF-9083

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SV-9125	Valve, Horn	1	7	C-1538	Washer, Lock - 5/16"	1
2	TD-9718	Adaptor-1/8"npt x 1/2"-20nf	1	8	C-1520	Nut - 5/16" - 18nc	1
3	TF-4139	Hose Assembly - 1/4" x 39"	1	9	TL-1520	Horn, Air	1
4	TD-9723	Adaptor	1	10	TR-2434	Gasket, Mount	1
5	TR-2436	Stem, Mount	1	11	TR-2435	Washer, Tension	1
6	C-1598	Screw, Cap-5/16"-18nc x 1"	1				
(Effective with Serial Suffix DPA2-H & DPF2-K)							

FIGURE 2468B

AIR HORN TG-624 *
TV-9367 **

1	SG-4254	Chain	1		TR-2435	Washer, Stem	1
2	SV-4955	Horn Valve	1		TR-2434	Gasket, Mounting	1
3	TD-9723	Adaptor, Female - 1/8"npt x 1/2"-10 (Incl. in TV-9367 Air Hn. Assy)	1	13	TF-4125	Hose Assembly-1/4"x 20"	1
	TD-9746	Adaptor - 90° Male	1	14	C-1526	Nut - 5/8" - 18nf	1
4	TD-3807	Bracket, Horn	1	15	D-2779	Lockwasher - 5/8"	1
5	H-7730	Screw, Mach-3/8" - 16nc x 3/4"	1	16	C-1550	Washer - 5/8"	1
6	C-312	Lockwasher-3/8"	2	17	TC-1087	Mount Plate (Included in TG-624 Air Horn Group)	1
7	C-1521	Nut - 3/8" - 16nc	2	18	TD-3808	Tube	1
8	TD-9746	Adaptor-90° Male	1			Not Shown	
9	C-1598	Capscrew-5/16"-18nc x 1"	1				
10	C-1538	Lockwasher - 5/16"	1		SG-5696	Clamp, Jiffy	1
11	C-1520	Nut - 5/16" - 18nc	1		C-5774	Lockwasher - 1/4"	1
12	SV-3346	Horn, Air (Included in TG-624 Air Horn Group)	1		C-5780	Nut - 1/4" - 20nc	1
	TL-1520	Horn, Air	1		SV-6216	Sleeve (Rubber)	1
	TR-2436	Stem, Mounting	1		CC-6124	Elbow	1
					HC-1580	Bushing - 1/4" x 1/8"npt	1
Note: * TG-624 Air Horn Group Optional. ** TV-9367 Air Horn Group Effective thru Serial Suffix DPA2-G & DPF2-J.							

FIGURE 2468C

AIR HORN SP-6807

1	SG-4254	Chain	1	8	SP-6804	Bracket, Mount	1
2	HD-2713	Valve, Control	1	9	SP-6803	Horn Kit	1
3	CC-6284	Nipple, Pipe - 1/8"npt	1	10	SF-4602	Tee, Street - 1/4"npt	1
4	S-9937	Ell, Street-1/8"npt	1	11	HC-1580	Bushing - 1/8" x 1/4"npt	1
5	SG-3230	Screw, Machine-1/4"-20nc x 5/8"	3			Not Shown	
6	C-5774	Lockwasher - 1/4"	3		SP-7846	Clamp, Loop	1
7	C-5780	Nut - 1/4" - 20nc	3		SC-4939	Connector - #68	1
Note: SP-6803 Horn Kit Includes Mounting Hardware & Tubing. (Optional)							

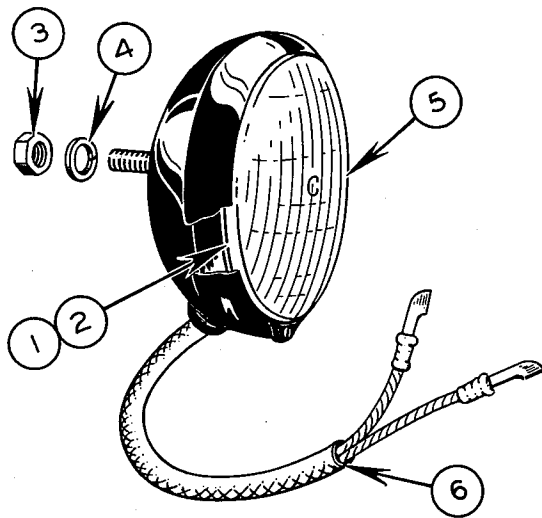


FIG. 2183 A

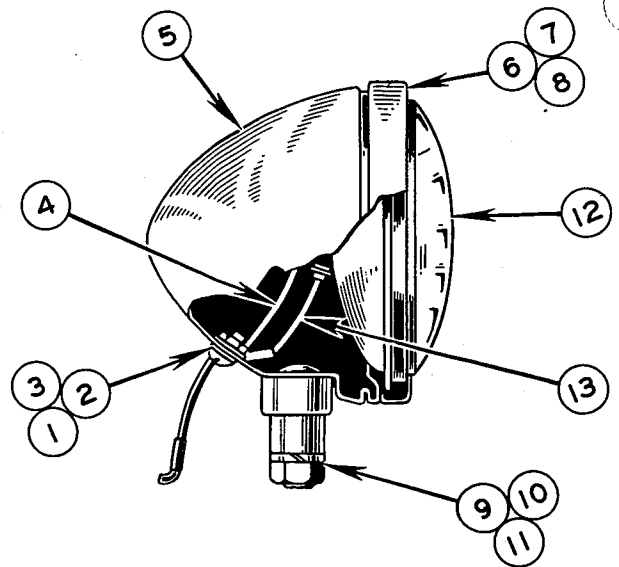


FIG. 2183 B

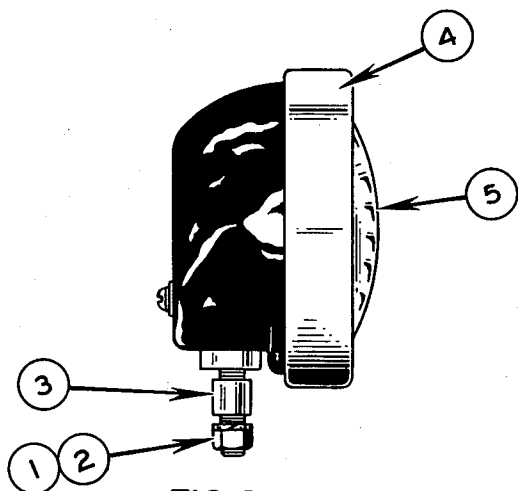


FIG. 2183 C

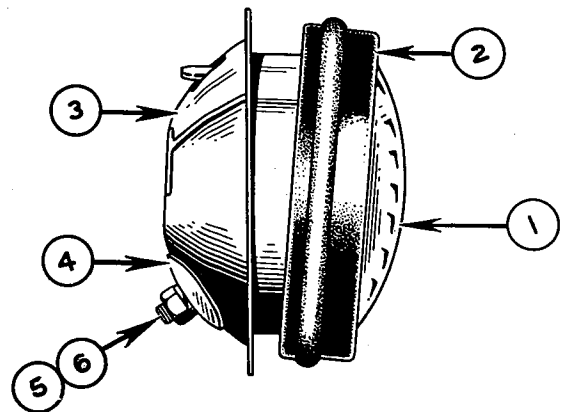


FIG. 2183 E

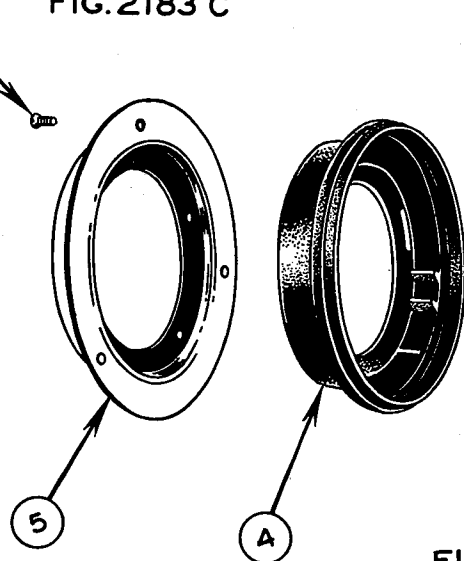
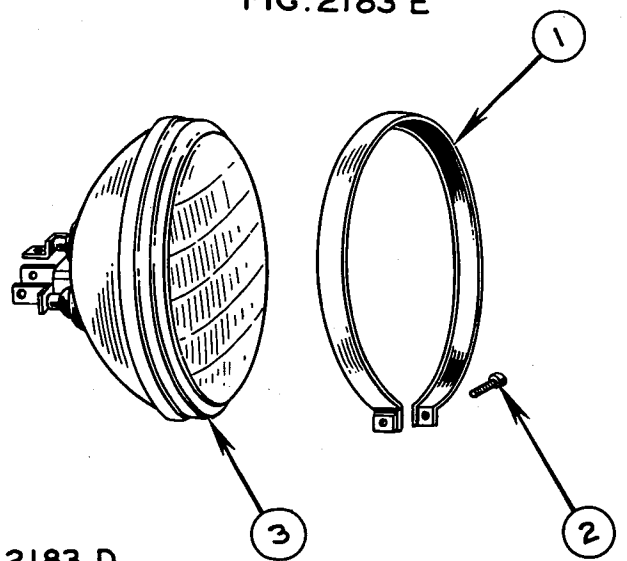


FIG. 2183 D

LIGHT



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2183A

HEAD LIGHT ASSEMBLY SL-4170

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SL-9306	Ring, Inner	1	4	C-312	Lockwasher - 3/8"	1
2	SL-9305	Clip	3	5	SL-9303	Lamp, Seal Beam	1
3	C-1522	Nut - 3/8" - 24nf	1	6	SL-9304	Harness, Wire	1
(EFFECTIVE THRU SERIAL SUFFIX DP-Q)							

FIGURE 2183B

REAR LIGHT ASSEMBLY SG-1446

1	DC-2726	Screw, Machine-#8-32 x 3/8" ...	1	9	TG-4632	Bolt, Carriage	1
2	CC-6591	Lockwasher - #8	1	10	C-312	Lockwasher - 3/8"	1
3	R-4948	Nut - #8-32	1	11	C-1521	Nut - 3/8" - 16nc	1
4	SG-1417	Wire	1		TG-4630	Bushing (Small)	1
5	HC-1151	Receptacle	1		TG-4631	Bushing (Large)	1
6	TG-4629	Door	1		TG-4635	Grommet	1
7	TG-4633	Screw (Door Clip)	1	12	CC-5726	Lamp, Seal Beam	1
8	TG-4634	Nut (Door Clip)	1	13	SV-838	Wire, Ground	1
(EFFECTIVE WITH SERIAL SUFFIX DPF2, DPF2A, DPA2, DPA2-A ONLY)							

FIGURE 2183C

REAR LIGHT ASSEMBLY TH-3750

1	C-1521	Nut - 3/8" - 16nc	1	4	TH-5660	Ring, Rubber Retaining	1
2	C-312	Lockwasher - 3/8"	1	5	CC-5726	Lamp, Seal Beam	1
3	TH-3754	Bushing	1				
(OPTIONAL)							
(EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2-B & UP)							

FIGURE 2183D

HEAD LIGHT ASSEMBLY TD-9000

1	TF-3122	Ring, Clamp	1	4	TF-3120	Dampener	1
2	DL-1496	Screw, Machine-#10-24 x 1" ..	1	5	TF-3119	Adaptor	1
3	TD-4465	Lamp, Seal Beam	1	6	TF-3117	Screw	4
(EFFECTIVE WITH SERIAL SUFFIX DP-R, DPS, DPF2 THRU DPF2-B & DPA2 THRU DPA2-B)							

FIGURE 2183E

HEAD LIGHT ASSEMBLY TL-1888

1	TD-4465	Sealed Beam Unit	1	4	TL-8796	Washer	1
2	TL-8797	Ring, Retainer	1	5	C-1521	Nut - 3/8" - 16nc	1
3	TL-8798	Ring, Mount	1	6	C-312	Lockwasher - 3/8"	1
(EFFECTIVE WITH SERIAL SUFFIX DPF2-C & DPA2-C)							

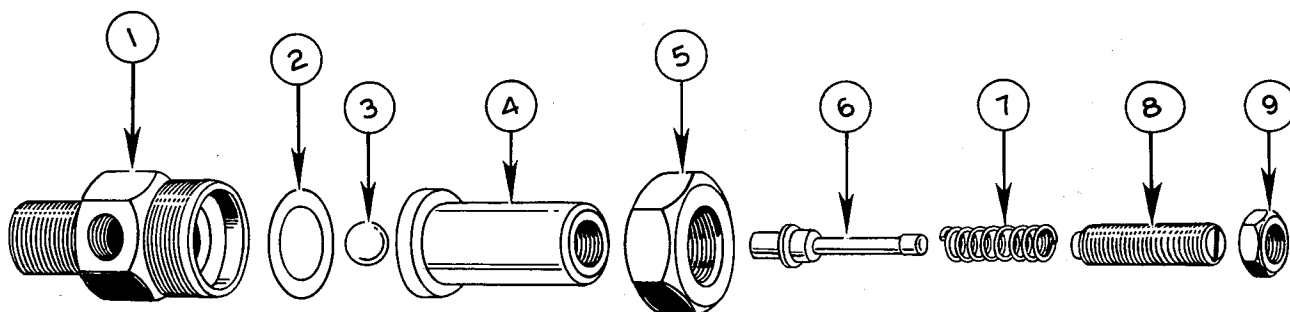


FIG. 1995 A
COMPRESSOR UNLOADER VALVE

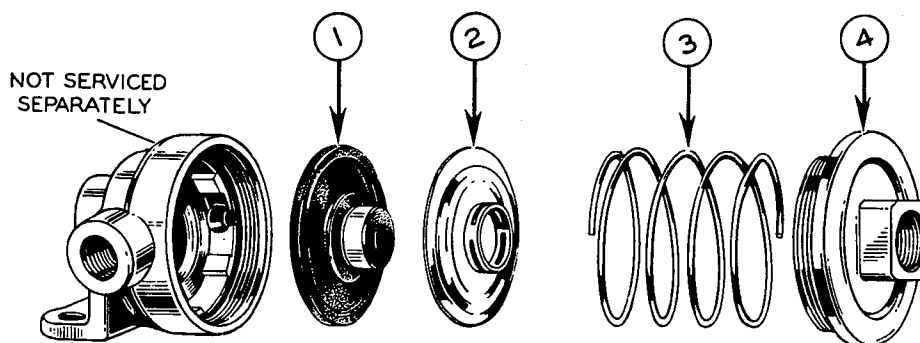


FIG. 1995 B
QUICK RELEASE VALVE

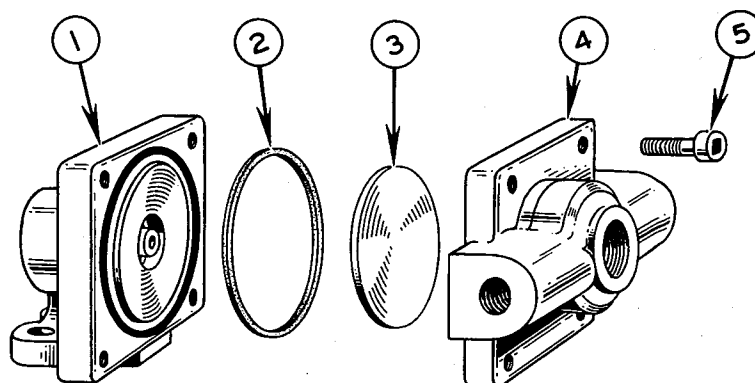


FIG. 1995 C
QUICK RELEASE VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1995A

COMPRESSOR UNLOADER VALVE ASSEMBLY SL-3279

Ref. No.	Part No.	Description	Qty.
1	SL-2893	BODY	1
2	SL-2892	SHIM	AR
3	SL-2889	BALL	1
4	SL-2894	SLEEVE	1
5	SL-2895	COLLAR	1
6	SL-2897	PLUNGER	1
7	SL-2898	SPRING	1
8	SL-2896	SCREW, ADJUSTING	1
9	SL-2890	NUT	1

FIGURE 1995B

QUICK RELEASE VALVE ASSEMBLY HD-3675 (BW 505000)

1	SP-1898	DIAPHRAGM	1
2	SP-1894	SEAT SPRING	1
3	SP-1896	SPRING	1
4	SP-1897	COVER	1
(EFFECTIVE THRU SERIAL SUFFIX DPF2-G, DPA2-E)			

FIGURE 1995C

QUICK RELEASE VALVE ASSEMBLY TR-5274 (BW 229813)

1		BODY (Not Serviced)	1
2	TV-39	GASKET	1
3	TV-40	DIAPHRAGM	1
4	TV-38	COVER	1
5	TV-41	CAPSCREW	4
(EFFECTIVE WITH SERIAL SUFFIX DPF2-H, DPA2-F)			

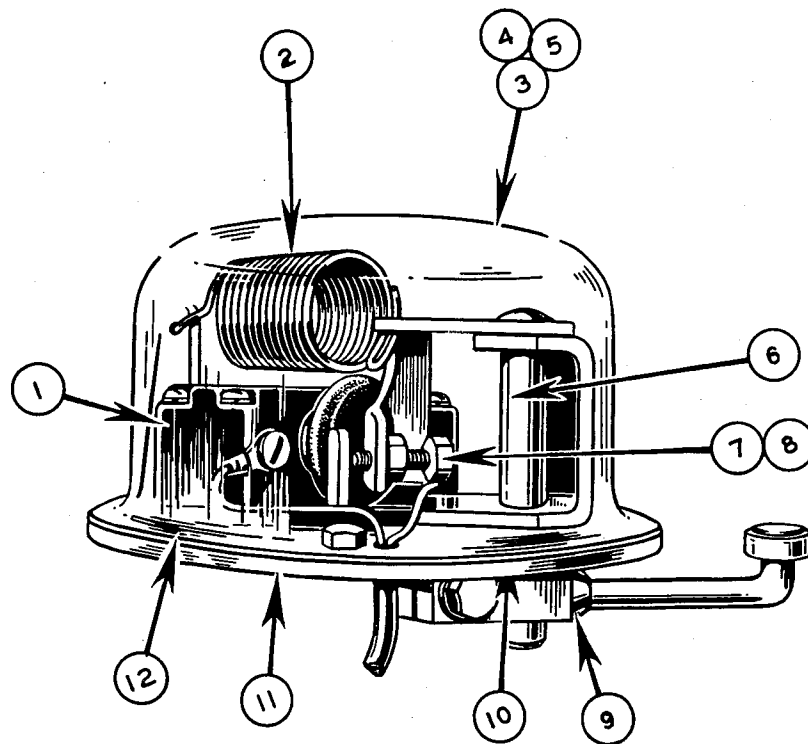


FIG. 930A

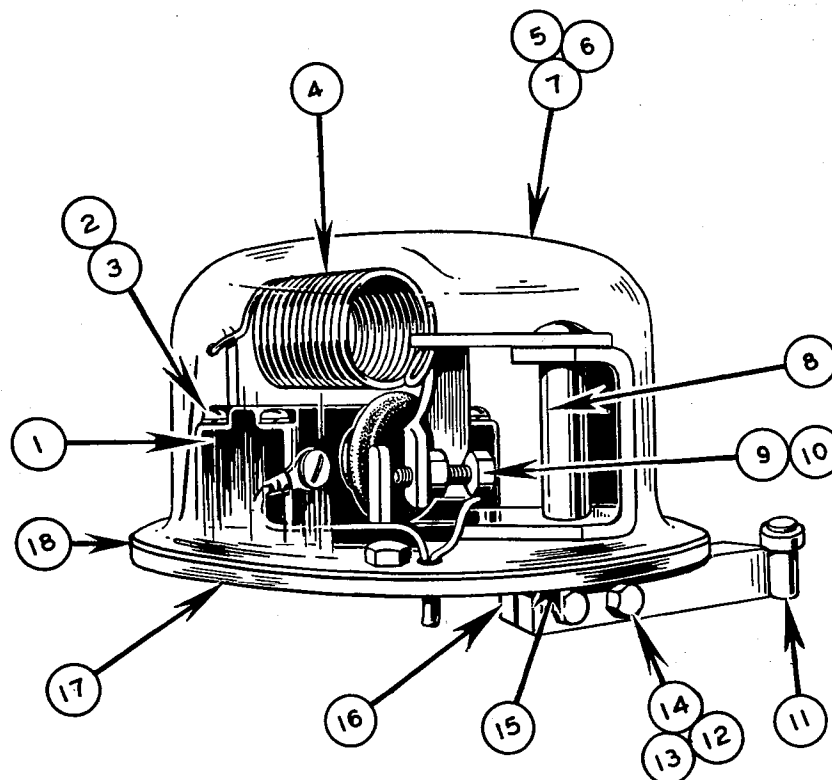


FIG. 930B

LIMIT SWITCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 930A

LIMIT SWITCH ASSEMBLY DG-6451

Ref. No.	Part No.	Description	Qty.
1	TD-4968	SWITCH ASSEMBLY	1
2	DG-6392	SPRING	1
3	DG-6397	COVER	1
4	C-1600	CAPSCREW - 3/8" NC x 1/2"	2
5	C-312	LOCKWASHER - 3/8"	2
6	DG-6371	ACTUATOR	1
7	C-5746	CAPSCREW - 1/4" NC x 3/4"	1
8	SF-9144	JAM NUT - 1/4" NC	1
9	DG-6298	ROLLER ARM ASSEMBLY	1
	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	1
	C-312	LOCKWASHER - 3/8"	1
10	L-145	OIL SEAL	1
11	DG-6452	BASE	1
12	DG-6949	GASKET	1
(USED WITH BULLDOZER & SNOWPLOW)			

FIGURE 930B

LIMIT SWITCH ASSEMBLY SV-90

1	TD-4968	SWITCH ASSEMBLY	1
	TC-8944	INSULATOR STRIP	1
2	TC-8942	SCREW - #6-32 x 1 3/16"	2
3	DH-321	SPACER NUT	2
4	DG-6392	SPRING	1
5	DG-6397	COVER	1
6	C-1600	CAPSCREW - 3/8" NC x 1/2"	2
7	C-312	LOCKWASHER - 3/8"	2
8	SV-69	ACTUATOR	1
9	C-5746	CAPSCREW - 1/4" NC x 3/4"	1
10	SF-9144	JAM NUT - 1/4" NC	1
11	SR-7976	ROLLER ARM ASSEMBLY	1
12	C-1673	CAPSCREW - 3/8" NF x 1 3/4"	2
13	C-312	LOCKWASHER - 3/8"	2
14	C-1522	NUT - 3/8" NF	2
15	L-145	OIL SEAL	1
16	SR-7971	CLAMP BLOCK	1
17	DG-6452	BASE	1
18	DG-6949	GASKET	1
(USED WITH BULLDOZER & SNOWPLOW)			

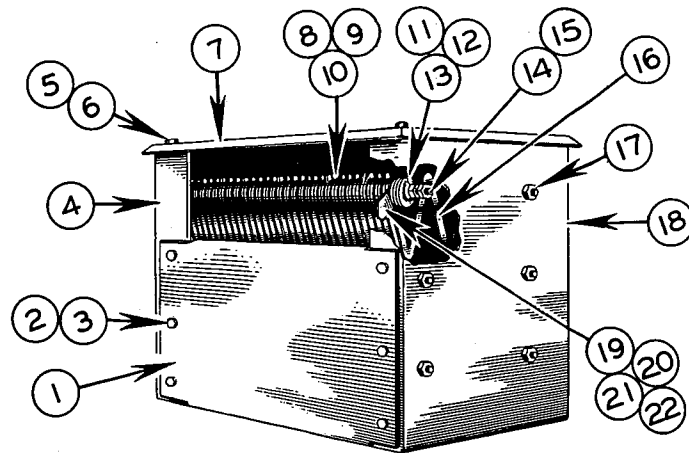


FIGURE 878 A
ELECTROTARDER

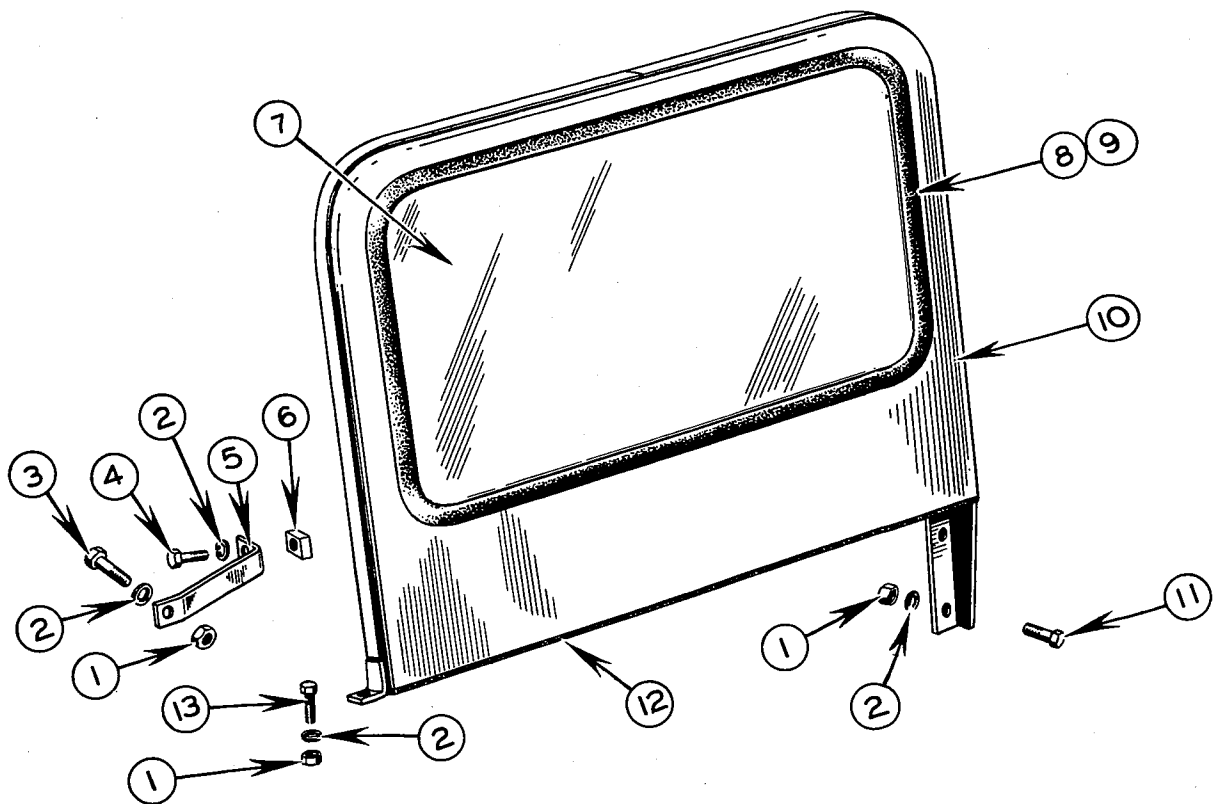


FIGURE 878 B
WINDSHIELD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 878A

ELECTROTARDER DF-6446

Ref. No.	Part No.	Description	Qty.
1	DF-6448	PLATE, COVER	1
2	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	8
3	C-312	LOCKWASHER - 3/8"	10
4	DF-3055	SUPPORT - REAR	1
5	C-1602	CAPSCREW - 3/8" - 16NC x 1"	4
6	C-1521	NUT - 3/8" - 16NC	4
7	DF-6447	COVER	1
8	DF-6433	INSULATOR	4
9	HD-1609	SPACER, STEEL	166
10	DF-6898	SPACER, MICA	61
11	DF-5480	SPACER, STEEL	73
12	C-1549	WASHER - 1/2" FLAT	4
13	C-1523	NUT - 1/2" - 13NC	4
14	DF-6430	ROD, SUPPORT	2
15	DF-6432	TUBE, MICA	2
16	CD-3426	PLATE, GRID	58
17	C-1523	NUT - 1/2" NC	12
18	DF-3054	SUPPORT - FRONT	1
19	HC-8278	LUG, TERMINAL	2
20	DF-2962	SCREW - 1/4" - 20NC x 1/2"	2
21	DC-3584	LOCKWASHER - 1/4"	2
22	H-2641	NUT - 1/4" - 20NC	2
NOT SHOWN & NOT INCLUDED			
	SL-6871	PLATE, MOUNT	1
	SL-6868	ANGLE, MOUNT	1
	C-7595	CAPSCREW - 5/8" - 11NC x 1 1/4"	4
	C-1541	LOCKWASHER - 5/8"	4
	C-1525	NUT - 5/8" - 11NC	4
	SL-6869	CHANNEL, SUPPORT (Effective with Serial Suffix DP Only)	1
	SP-7806	CHANNEL, SUPPORT	1
	SV-2889	CHANNEL, SUPPORT	1
	SR-4860	BAR, BUS } (Used with Single Switch Box Assy.)	1
NOTE: DF-6434 GRID ASSEMBLY INCLUDES REF. NOS. 8 THRU 17 & 19 THRU 22.			

FIGURE 878B

WINDSHIELD TD-8098

1	C-1521	NUT - 3/8" - 16NC	4
2	C-312	LOCKWASHER - 3/8"	5
3	C-1605	CAPSCREW - 3/8" - 16NC x 1 3/4"	1
4	H-8524	CAPSCREW	1
5	TF-1913	BRACE	1
6	SV-2499	PAD, TAPPED	1
7	SP-9258	GLASS	1
8	SG-1357	STRIP	1
9	SG-4654	STRIP	1
10	SV-2497	WINDSHIELD	1
11	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	2
12	SR-3929	STRIP, RUBBER	1
13	C-1602	CAPSCREW - 3/8" - 16NC x 1"	1

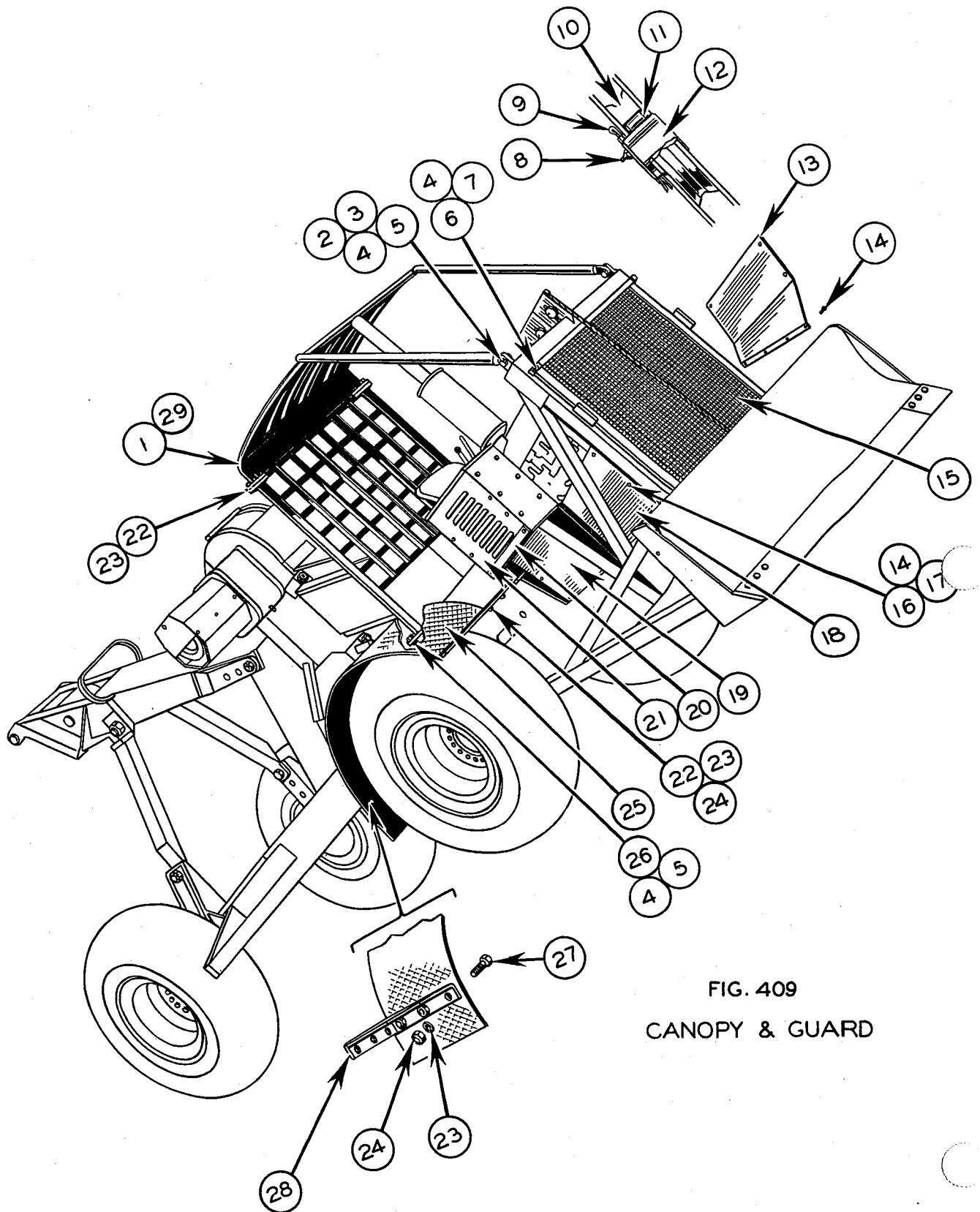


FIG. 409
CANOPY & GUARD

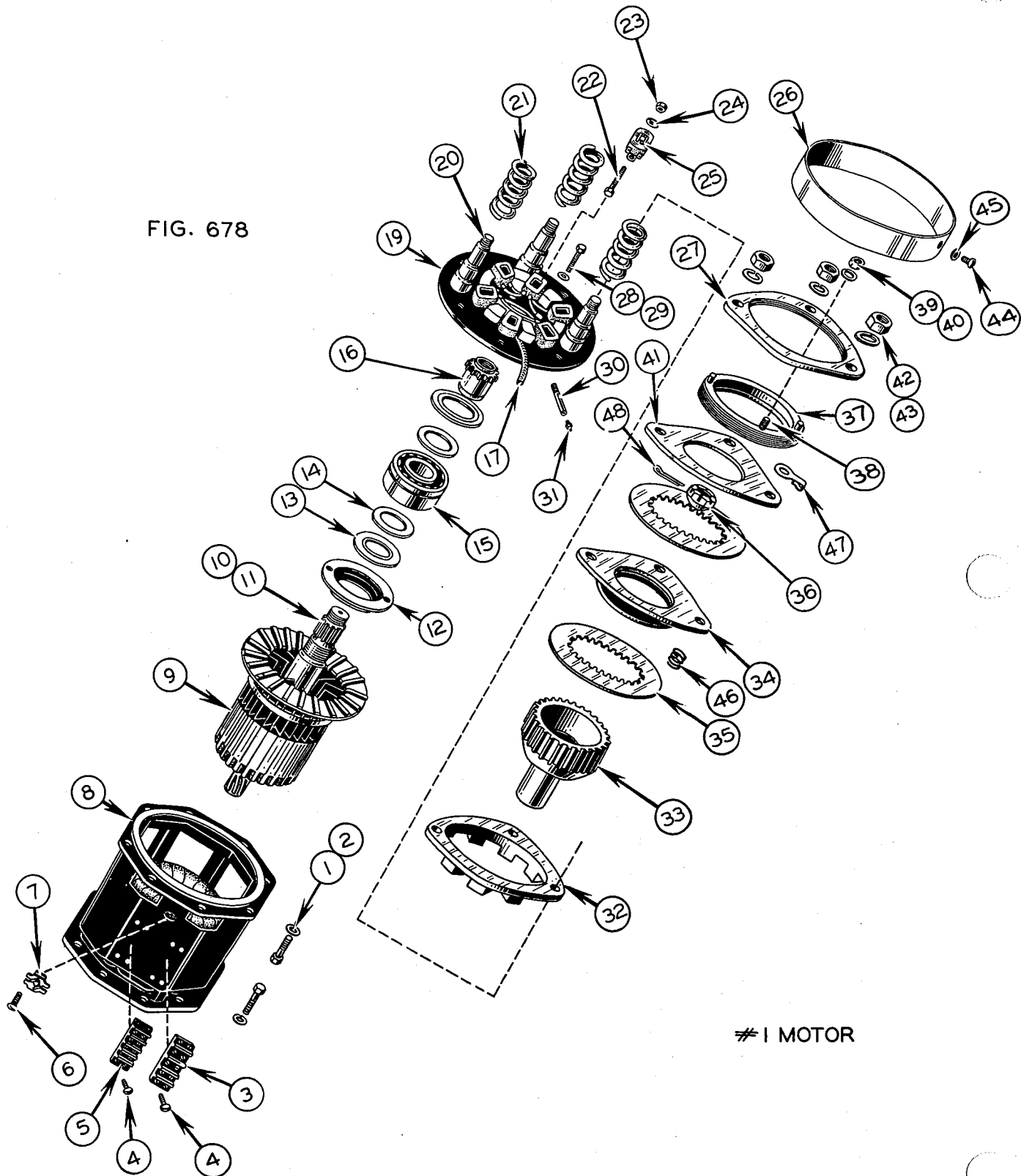
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 409

CANOPY & GUARD

Ref. No.	Part No.	Description	Qty.
1	SL-8810	CANOPY	1
2	SL-5174	MOUNTING EAR	2
3	C-1630	CAPSCREW - 5/8" NC x 2"	2
4	C-1541	LOCKWASHER - 5/8"	8
5	C-1525	NUT - 5/8" NC	4
6	C-7595	CAPSCREW - 5/8" NC x 1 1/4"	4
7	SL-4037	TAPPED BLOCK	4
8	C-315	GREASE FITTING - 1/8" STRAIGHT	2
9	C-1051	COTTER PIN - 3/8" x 5"	2
10	DC-6046	SHEAVE WHEEL	2
11	H-225	BEARING	2
12	R-826	SHEAVE PIN	2
13	SL-6459	MOTOR SHIELD	1
14	DC-5604	CAPSCREW - 1/4" - 20 x 1/2"	20
15	SL-4028	GUARD	1
16	C-1546	LOCKWASHER - 1/4"	3
17	C-5780	NUT - 1/4" NC	3
18	SL-6458	COMPRESSOR SHIELD	1
19	SL-6872	ENGINE SHIELD	1
20	SL-5222	REINFORCEMENT BAR - L. BRACE BAR	1
21	SL-5221	VENTED SHIELD	1
22	C-1613	CAPSCREW - 1/2" NC x 1 1/4"	18
23	HC-5989	LOCKWASHER - 1/2"	30
24	C-1523	NUT - 1/2" NC	24
25	SL-6440	FENDER - LEFT	1
	SL-6445	FENDER - RIGHT	1
26	C-1629	CAPSCREW - 5/8" NC x 1 3/4"	2
27	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	12
28	SL-5195	FENDER BRACKET - LEFT	1
	SL-5160	FENDER BRACKET - RIGHT	1
29	SL-8805	SUPPORT	1
OPTIONAL USED WITH D LOGGING ARCH			

FIG. 678



≠ I MOTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

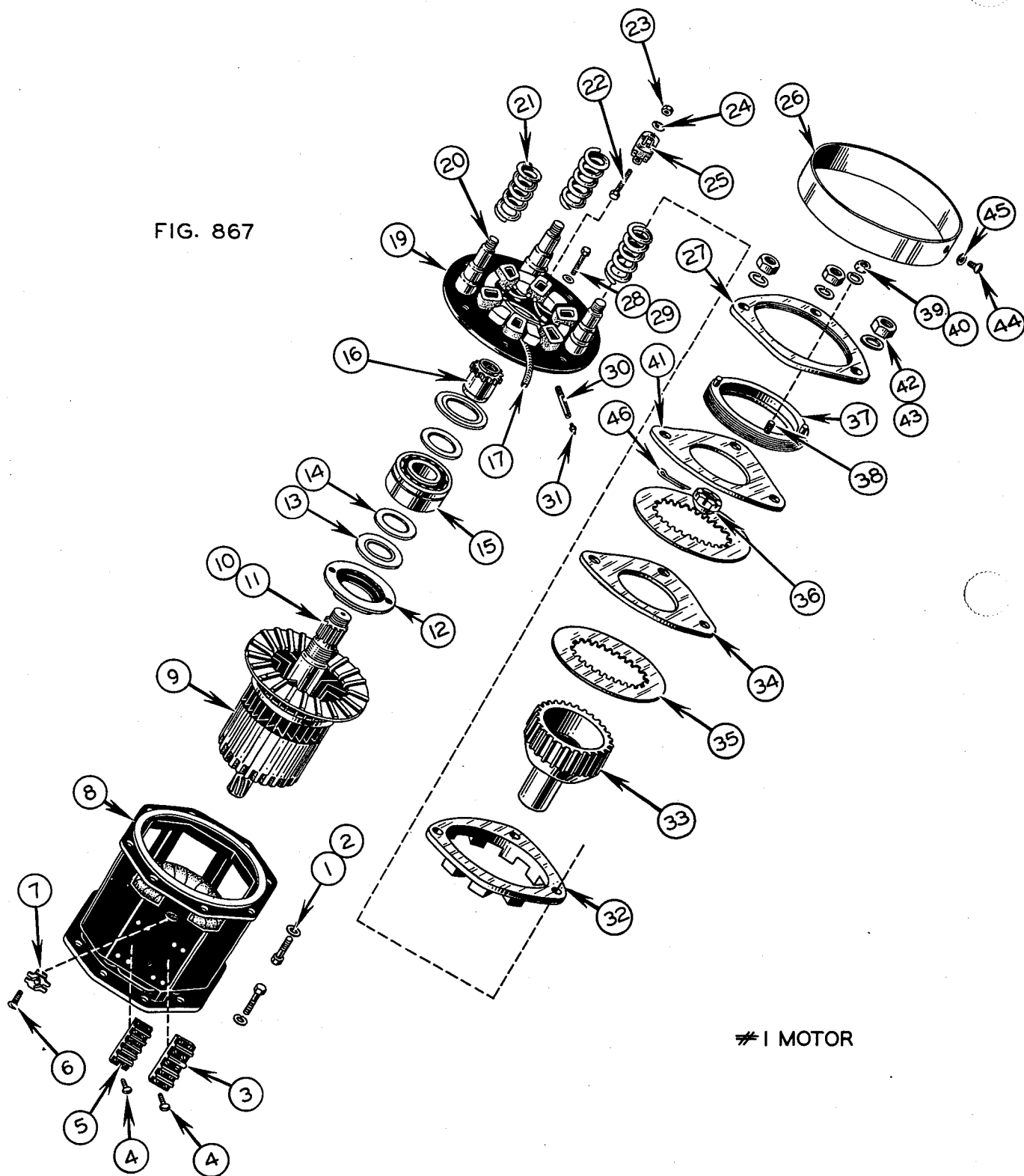
FIGURE 678

#1 MOTOR ASSEMBLY DH-991
DH-7102

1800 R.P.M.

Ref. No.	Part No.	Description	Qty.
1	C-1609	CAPSCREW - 7/16" NC x 1 1/2"	16
2	C-5775	LOCKWASHER - 7/16"	16
3	SC-3548	STRIP, TERMINAL	1
4	SC-3544	SCREW, MACHINE - #8-32 x 3/4"	4
5	SC-3796	STRIP, TERMINAL	1
6	SC-3545	SCREW, MACHINE - #8-32 x 1/2"	2
7	DC-2862	SWITCH, OVERLOAD	1
8	DD-6562	STATOR ASSEMBLY	1
9	DH-993	ROTOR & SHAFT ASSEMBLY	1
	DH-475	ROTOR	1
10	DF-3060	PINION - 8 TOOTH	1
11	DD-8524	KEY	1
12	DH-478	RETAINER	1
13	DH-477	RING, SEAL - OUTER	2
14	DH-476	RING, SEAL - INNER	2
15	DG-7221	BEARING	1
16	SV-8956	LOCKNUT	1
17	DG-9015	HARNESS, WIRING (Inc. in DH-991 Motor)	1
	DH-6949	HARNESS, WIRING (Inc. in DH-7102 Motor)	1
19	DD-8532	BELL, END (Inc. in DH-991 Motor)	1
	DL-1395	BELL, END (Inc. in DH-7102 Motor)	1
20	DD-1588	STUD	3
21	DD-1751	SPRING	3
22	SF-1523	CAPSCREW - 5/16" NF x 2" (Inc. in DH-991 Motor)	6
	DH-7155	CAPSCREW - 5/16" NF x 2 1/4" (Inc. in DH-7102 Motor)	6
23	DD-7501	NUT	6
24	C-1538	LOCKWASHER - 5/16"	7
25	DG-7630	COIL ASSEMBLY (Inc. in DH-991 Motor)	6
	TC-6471	COIL ASSEMBLY (Inc. in DH-7102 Motor)	6
26	DD-7253	BAND, COVER (Inc. in DH-991 Motor)	1
	SP-7753	BAND, COVER (Inc. in DH-7102 Motor)	1
27	SF-327	PLATE, BRAKE	1
28	DF-3091	CAPSCREW - 3/8" NF x 2 1/2"	2
29	C-312	LOCKWASHER - 3/8"	2
30	DD-8530	PIPE, GREASE	1
31	DC-35	FITTING, GREASE - 1/8" NPT	1
32	DD-1568	PLATE, FLOATING BRAKE (Inc. in DH-991 Motor)	1
	DL-1476	PLATE, FLOATING BRAKE (Inc. in DH-7102 Motor)	1
33	DD-1531	HUB	1
34	DD-4635	PLATE, STATIONARY BRAKE	1
35	TD-4400	DISC, BRAKE	2
36	DD-1114	LOCKNUT	1
37	TF-6223	PLATE, ADJUSTING	1
38	TC-9963	LOCKBOLT	1
39	C-1540	LOCKWASHER - 1/2"	1
40	DL-1479	NUT	1
41	SF-323	PLATE	1
42	DD-1726	LOCKWASHER - 3/4"	3
43	C-1528	NUT - 3/4" NF	3
44	DC-3583	SCREW, MACHINE - 1/4" NC x 3/8"	3
45	DC-3584	LOCKWASHER - 1/4"	3
46	DD-7882	SPRING	3
47	SR-3983	CLIP	3
48	C-7638	PIN, COTTER - 1/8" x 1 1/2"	1
		NOT SHOWN	
	DC-8163	CLAMP - 3/8"	1
	H-3336	CAPSCREW - 1/4" NC x 3/8"	1
	R-1709	CLAMP - 1/4"	1

FIG. 867



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 867

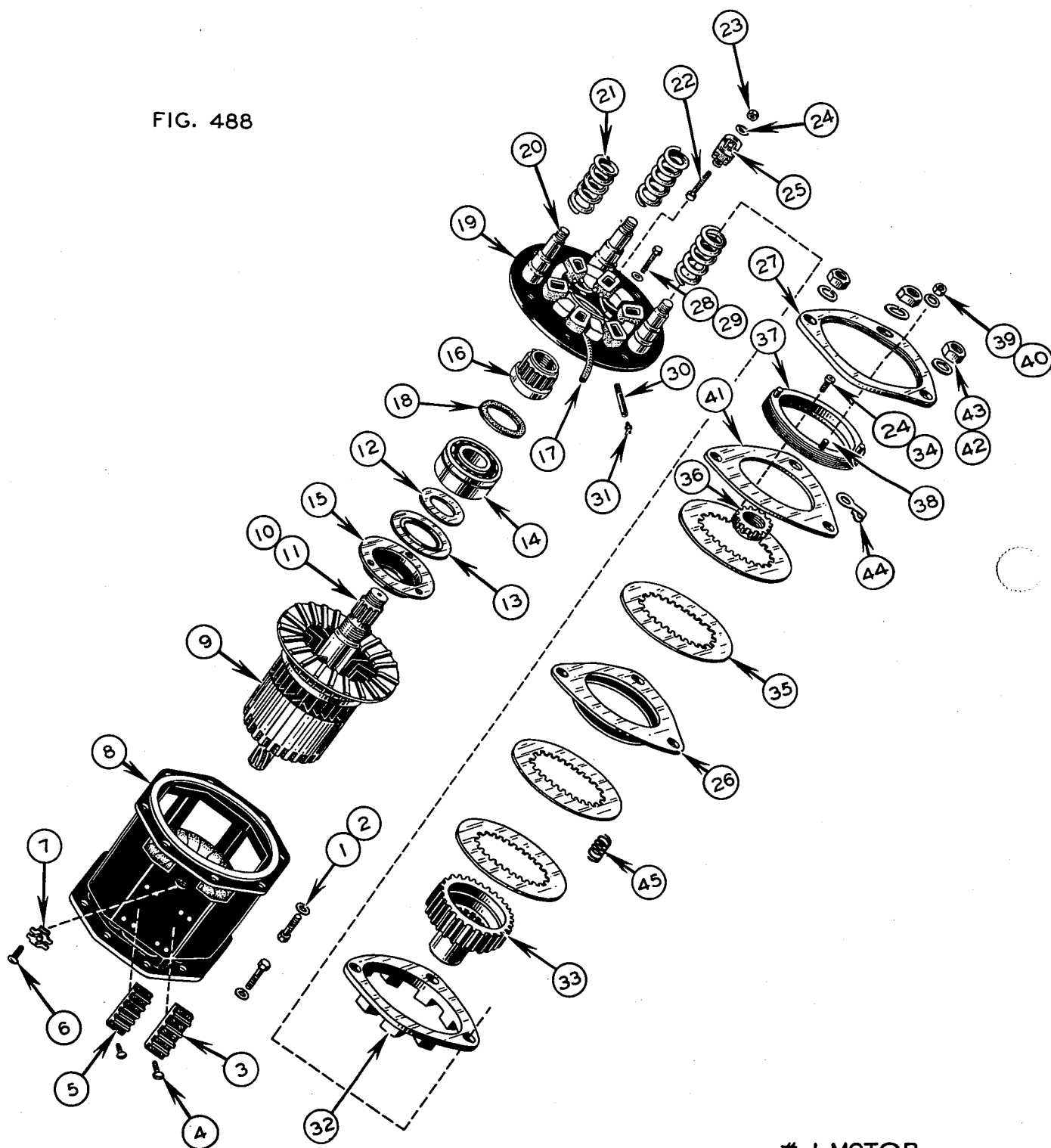
#1 MOTOR ASSEMBLY

DH-994
DH-7103

1800 R.P.M.

Ref. No.	Part No.	Description	Qty.
1	C-1609	CAPSCREW - 7/16" NC x 1 1/2"	16
2	C-5775	LOCKWASHER - 7/16"	16
3	SC-3548	STRIP, TERMINAL	1
4	SC-3544	SCREW, MACHINE - #8-32 x 3/4"	4
5	SC-3796	STRIP, TERMINAL	1
6	SC-3545	SCREW, MACHINE - #8-32 x 1/2"	2
7	DC-2862	SWITCH, OVERLOAD	1
8	DD-6562	STATOR ASSEMBLY	1
9	DH-988	ROTOR & SHAFT ASSEMBLY	1
	DH-475	ROTOR	1
10	DD-8535	PINION - 8 TOOTH	1
11	DD-8524	KEY	1
12	DH-478	RETAINER	1
13	DH-477	RING, SEAL - OUTER	2
14	DH-476	RING, SEAL - INNER	
15	DG-7221	BEARING	1
16	SV-8956	LOCKNUT	1
17	DG-9015	HARNESS, WIRING (Inc. in DH-994 Motor)	1
	DH-6949	HARNESS, WIRING (Inc. in DH-7103 Motor)	1
19	DD-8532	BELL, END (Inc. in DH-994 Motor)	
	DL-1395	BELL, END (Inc. in DH-7103 Motor)	1
20	DD-3570	STUD	3
21	DD-1751	SPRING	3
22	SF-1523	CAPSCREW - 5/16" NF x 2" (Inc. in DH-994 Motor)	6
	DH-7155	CAPSCREW - 5/16" NF x 2 1/4" (Inc. in DH-7103 Motor)	6
23	DD-7501	NUT	6
24	C-1538	LOCKWASHER - 5/16"	7
25	DG-7630	COIL ASSEMBLY (Inc. in DH-994 Motor)	6
	TC-6471	COIL ASSEMBLY (Inc. in DH-7103 Motor)	6
26	DD-7253	BAND, COVER (Inc. in DH-994 Motor)	1
	SP-7753	BAND, COVER (Inc. in DH-7103 Motor)	1
27	SF-327	PLATE, BRAKE	1
28	DF-3091	CAPSCREW - 3/8" NF x 2 1/2"	2
29	C-312	LOCKWASHER - 3/8"	2
30	DD-8530	PIPE, GREASE	1
31	DC-35	FITTING, GREASE	1
32	DD-1568	PLATE, FLOATING BRAKE (Inc. in DH-994 Motor)	1
	DL-1476	PLATE, FLOATING BRAKE (Inc. in DH-7103 Motor)	1
33	DD-1531	HUB	1
34	SF-323	PLATE, STATIONARY BRAKE	1
35	TD-4400	DISC, BRAKE	1
36	DD-1114	LOCKNUT	1
37	TF-6223	PLATE, ADJUSTING	1
38	TC-9963	LOCKBOLT	1
39	C-1540	LOCKWASHER - 1/2"	1
40	DL-1479	NUT	1
41	SF-323	PLATE	1
42	DD-1726	LOCKWASHER - 3/4"	3
43	C-1528	NUT - 3/4" NF	3
44	DC-3483	SCREW, MACHINE - 1/4" NC x 3/8"	3
45	DC-3584	LOCKWASHER - 1/4"	3
46	C-7638	PIN, COTTER - 1/8" x 1/2"	3
		NOT SHOWN	
	DC-8163	CLAMP - 3/8"	1
	H-3336	CAPSCREW - 1/4" NC x 3/8"	1
	R-1709	CLAMP - 1/4"	1

FIG. 488



1 MOTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 488

#1 MOTOR ASSEMBLY

TF-937

TL-6271 * TL-8700**

1800 R.P.M.

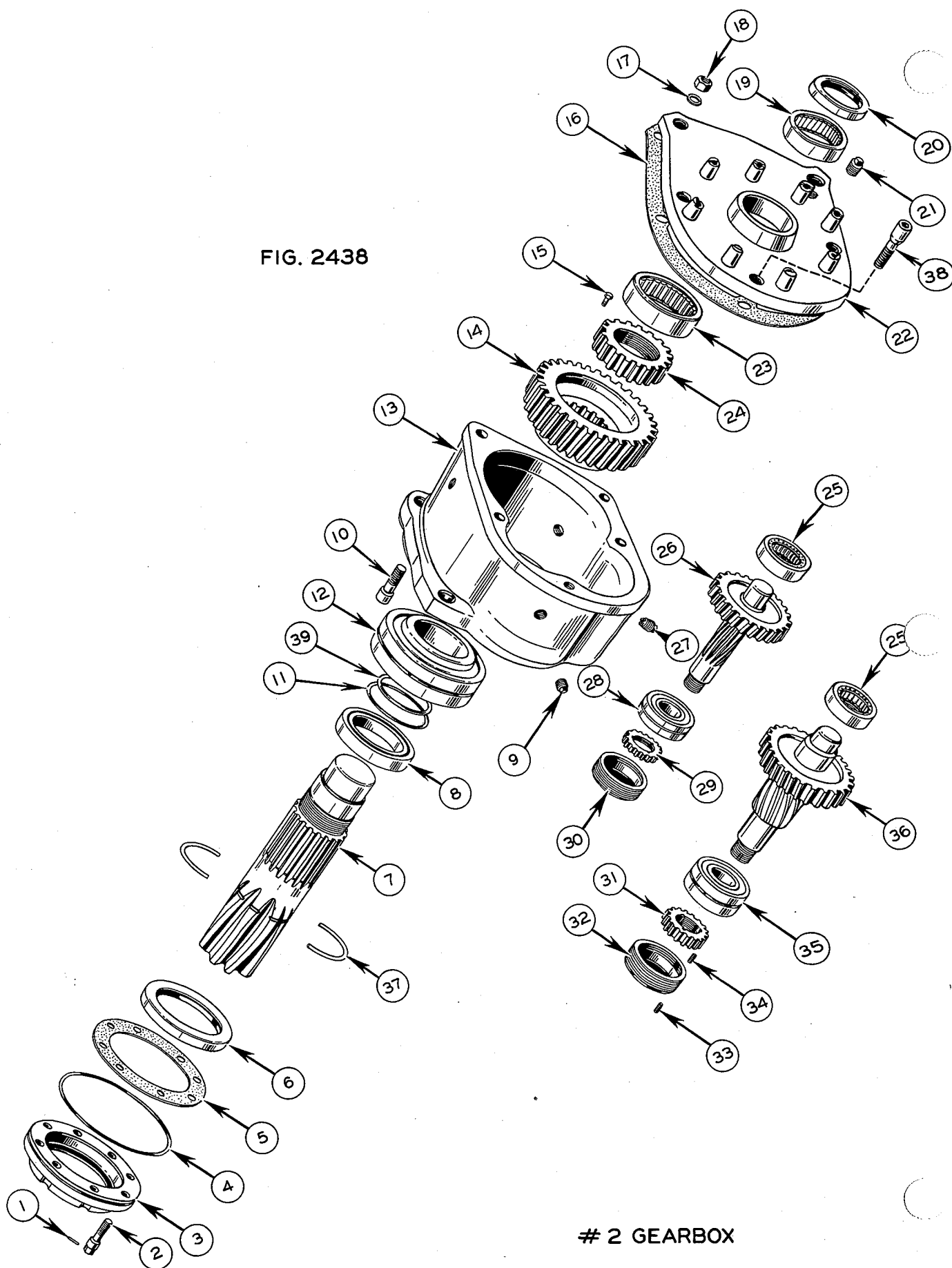
3600 R.P.M.

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1609	Capscrew-7/16"-14nc x 1 1/2" ...	16	20	DD-1588	Stud	3
2	C-5775	Lockwasher - 7/16"	16	21	TD-8335	Spring	3
3	SV-5570	Strip, Terminal	1	22	DL-24	Capscrew - 5/16" - 24nf x 2 1/2" ..	6
	SV-5571	Strip, Terminal **	1	23	DD-7501	Nut - 5/16" - 24nf	6
	DH-9471	Strip, Insulation	1	24	C-1538	Lockwasher - 5/16"	7
	DH-9473	Strip, Insulation **	1	25	TC-6471	Coil Assembly	6
4	SC-3544	Screw - #8-32 x 3/4"	4	26	DD-4635	Spacer	1
	TD-7526	Screw - #8-32 x 1" **	4	27	SF-327	Plate, Brake	1
	HD-8578	Flatwasher - #8 **	4	28	SF-1192	Capscrew - 3/8" - 24nf x 2"	3
5	TG-2512	Strip, Terminal	1	29	C-312	Lockwasher - 3/8"	3
	DH-9868	Strip, Insulation	1	30	DD-7254	Pipe, Grease	1
6	SC-3545	Screw - #8-32 x 1/2"	2		DD-8530	Pipe, Grease **	1
7	DH-9868	Switch, Overload	1	31	DC-35	Fitting, Grease - 1/8" npt	1
8	TF-936	Stator Assembly	1	32	DL-1476	Plate, Floating Brake	1
	DL-1042	Stator Assembly *	1	33	SF-1307	Hub	1
9	TF-928	Rotor & Shaft Assembly	1	34	R-3870	Capscrew - 5/16" - 18nc x 1/2"....	1
	TF-929	Rotor & Shaft Assembly *	1	35	TD-4400	Disc, Brake	2
	TF-926	Rotor	1	36	DD-1851	Nut	1
10	TF-918	Pinion - 8 Tooth	1	37	TF-6223	Plate, Adjusting	1
	DL-1083	Pinion - 8 Tooth *	1	38	TC-9963	Lockbolt	1
	TL-8702	Pinion - 8 Tooth **	1	39	C-1540	Lockwasher - 1/2"	1
11	DL-1084	Key	1	40	DL-1479	Nut - 1/2" - 20nc	1
12	DH-484	Ring, Seal - Inner	1	41	SF-323	Disc	1
13	DH-486	Ring, Seal - Outer	1	42	DD-1726	Lockwasher - 3/4"	3
14	DG-7222	Bearing	1	43	C-1528	Nut - 3/4" - 16nf	3
15	DH-483	Retainer	1	44	SR-3983	Clip, Spring	3
16	SV-6247	Locknut	1	45	DD-7882	Spring	3
17	DH-6949	Harness, Wiring	1			Not Shown	
18	DD-2532	Seal, Felt	1		DC-8163	Clamp - 3/8"	1
19	DL-1475	Bell, End	1		H-3336	Capscrew - 1/4" - 20nc x 3/8"	1
	TC-8907	Bell, End *	1		DC-5604	Capscrew - 1/4" - 20nc x 1/2" * ..	1

NOTES: TL-6271 & TL-8700 Motor Assemblies Used with Hancock Scraper.
Ref. Nos. 20 thru 27, 32 thru 45 not used.

** Used with SV-5570 Strip.

FIG. 2438



2 GEARBOX

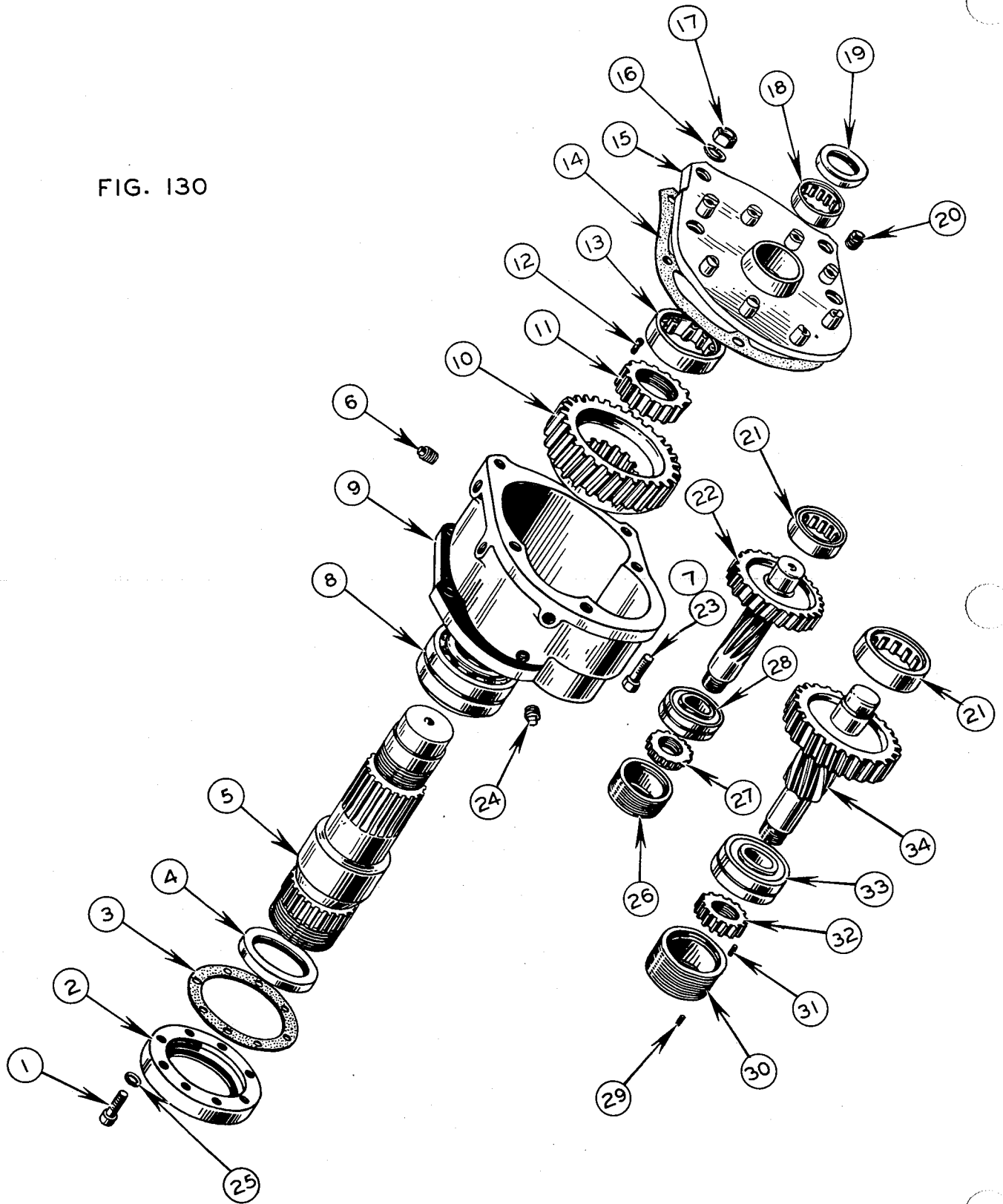
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2438

#2 GEARBOX ASSEMBLY SL-1490, VG-6776

Ref. No.	Part No.	Description	Qty.
1	SL-490	PIN, ROLL	8
2	TF-5023	CAPSCREW	8
3	TC-783	RETAINER	1
4	TC-784	"O" RING	1
5	SL-2545	GASKET	1
6	SG-4349	SEAL, OIL	1
7	SG-6127	SHAFT, OUTPUT	1
8	SL-5026	RING, SEAL	1
9	F-2313	PLUG, PIPE	1
10	R-787	CAPSCREW - 5/8" NF x 2 1/2"	4
	DC-6203	CAPSCREW - 5/8" NF x 3" *	1
	VF-5056	CAPSCREW - SOCKET HEAD **	1
11	SL-5023	"O" RING	1
12	SH-7770	BEARING *	1
	VG-3634	BEARING **	1
13	SL-2543	CASE *	1
	VC-8572	CASE **	1
14	SG-3688	GEAR	1
15	DD-7250	CAPSCREW - 1/4"NC x 3/8"	1
16	SC-1433	GASKET	1
17	C-1541	LOCKWASHER - 5/8"	5
18	C-1526	NUT - 5/8"NF	5
19	SF-1513	BEARING	1
20	DC-8157	SEAL, OIL	1
21	C-5771	PLUG, PIPE - 1/2"	2
	TD-3120	PLUG, PIPE - 1/2"	1
22	SG-8825	PLATE, FACE	1
23	SC-2503	BEARING	1
24	SG-3690	NUT	1
25	SF-1514	BEARING	2
26	SG-3843	GEAR, 1ST REDUCTION	1
27	SF-9435	PLUG, PIPE	1
28	SG-2992	BEARING	1
29	SG-3828	NUT	1
30	SG-3386	PLUG	1
31	SG-3829	NUT	1
32	SG-3385	PLUG	1
33	S-9652	SETSCREW - 1/4"NF x 1/4"	2
34	SG-3840	SETSCREW	2
35	SG-2032	BEARING	1
36	SG-3845	GEAR, 2ND REDUCTION	1
37	SG-6130	SNAP RING	2
38	VF-5056	CAPSCREW, SOCKET HEAD - 5/8" - 11NC x 3" **	1
39	TR-2951	"O" RING **	1
NOT SHOWN & NOT INCLUDED			
	SL-3670	CAPSCREW	4
* INCLUDED IN SL-1490 #2 GEARBOX ASSEMBLY.			
** INCLUDED IN VG-6776 #2 GEARBOX ASSEMBLY.			

FIG. 130



2 GEARBOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

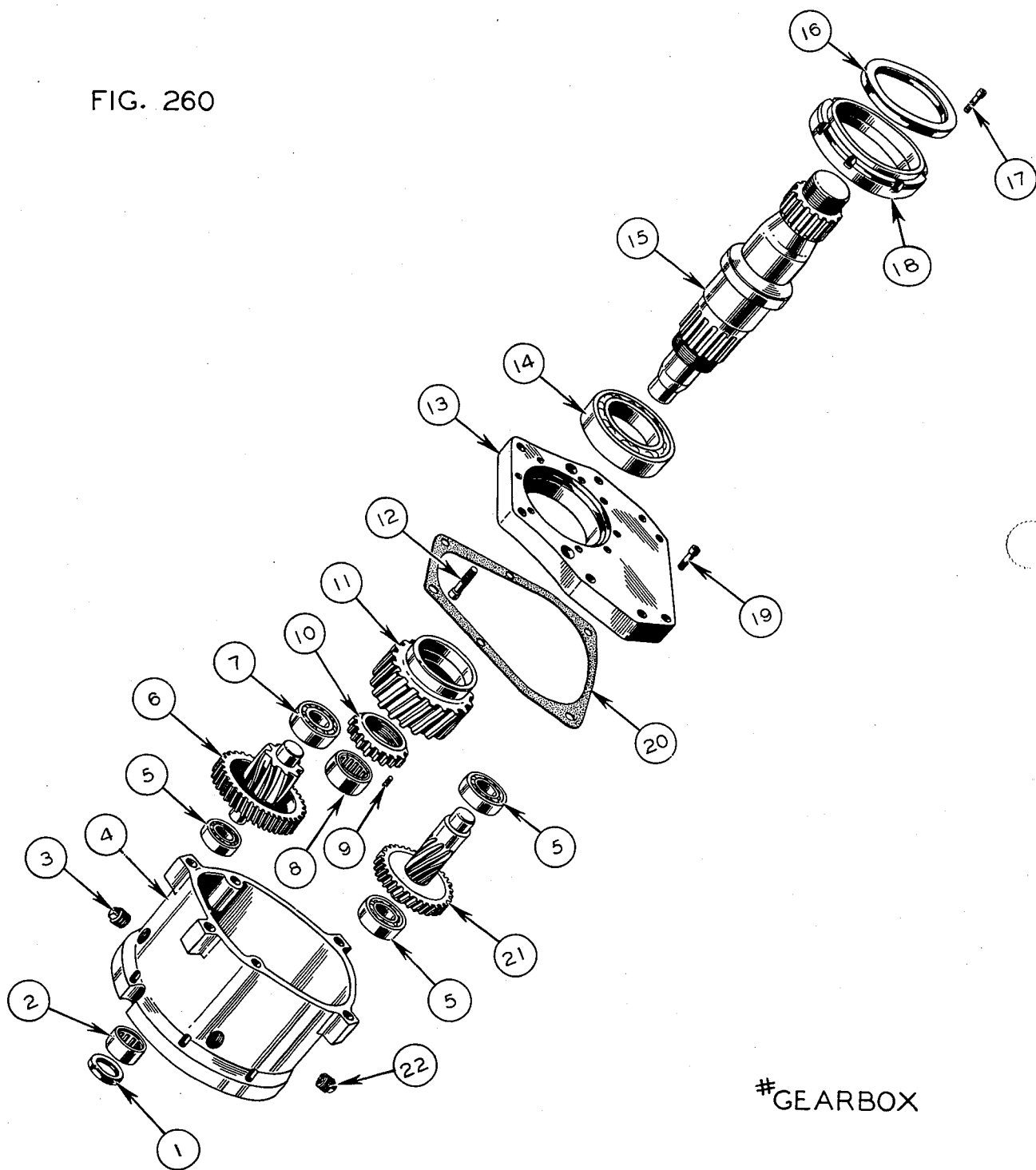
FIGURE 130

#2 GEAR BOX ASSEMBLY

SG-4561
VC-1558*

Ref. No.	Part No.	Description	Qty.
1	D-4587	CAPSCREW, SOCKETHEAD - 1/2" - 24NF x 2"	8
2	SG-4325	RETAINER, BEARING	1
3	SL-2545	GASKET	1
4	SF-1707	SEAL, OIL	1
5	SG-3687	SHAFT, OUTPUT	1
6	F-2313	PLUG, PIPE - 1/2" NPT	1
7	DC-6203	CAPSCREW, SOCKETHEAD - 5/8" - 18NF x 3"	1
8	SH-7770	BEARING	1
9	SG-3825	CASE	1
10	SG-3688	GEAR, OUTPUT	1
11	SG-3690	NUT	1
12	DD-7250	CAPSCREW, ALLENHEAD - 1/4" - 20NC x 3/8"	1
13	SC-2503	BEARING	1
14	SC-1433	GASKET	1
15	SG-8825	BELL, END	1
	VC-1559	BELL, END *	1
16	C-1541	LOCKWASHER - 5/8"	5
17	C-1526	NUT - 5/8" - 18NF	5
18	SF-1513	BEARING	1
19	DC-8157	SEAL, OIL	1
20	C-5771	PLUG, PIPE - 1/2" NPT	1
	VC-1557	PLUG, VENT - 1/2" NPT *	1
	C-2303	PIN, COTTER - 1/8" x 1" *	1
21	SF-1514	BEARING	1
22	SG-3843	GEAR, 1st REDUCTION	1
23	R-787	CAPSCREW, SOCKETHEAD - 5/8" - 18NF x 2 1/2"	4
24	SF-9435	PLUG, MAGNETIC - 1/2" NPT	1
25	H-5890	WASHER, COPPER - 1/2"	8
26	SG-3386	PLUG	1
27	SG-3828	NUT	1
28	SG-2992	BEARING	2
29	S-9652	SETSCREW - 1/4" - 28NF x 1/4"	2
30	SG-3385	PLUG	1
31	SG-3840	PLUG, PIPE - 1/16" NPT x 5/16"	2
32	SG-3829	NUT	1
33	SG-2032	BEARING	1
34	SG-3845	GEAR, 2nd REDUCTION	1
(USED WITH HANCOCK SCRAPER.)			

FIG. 260



#GEARBOX

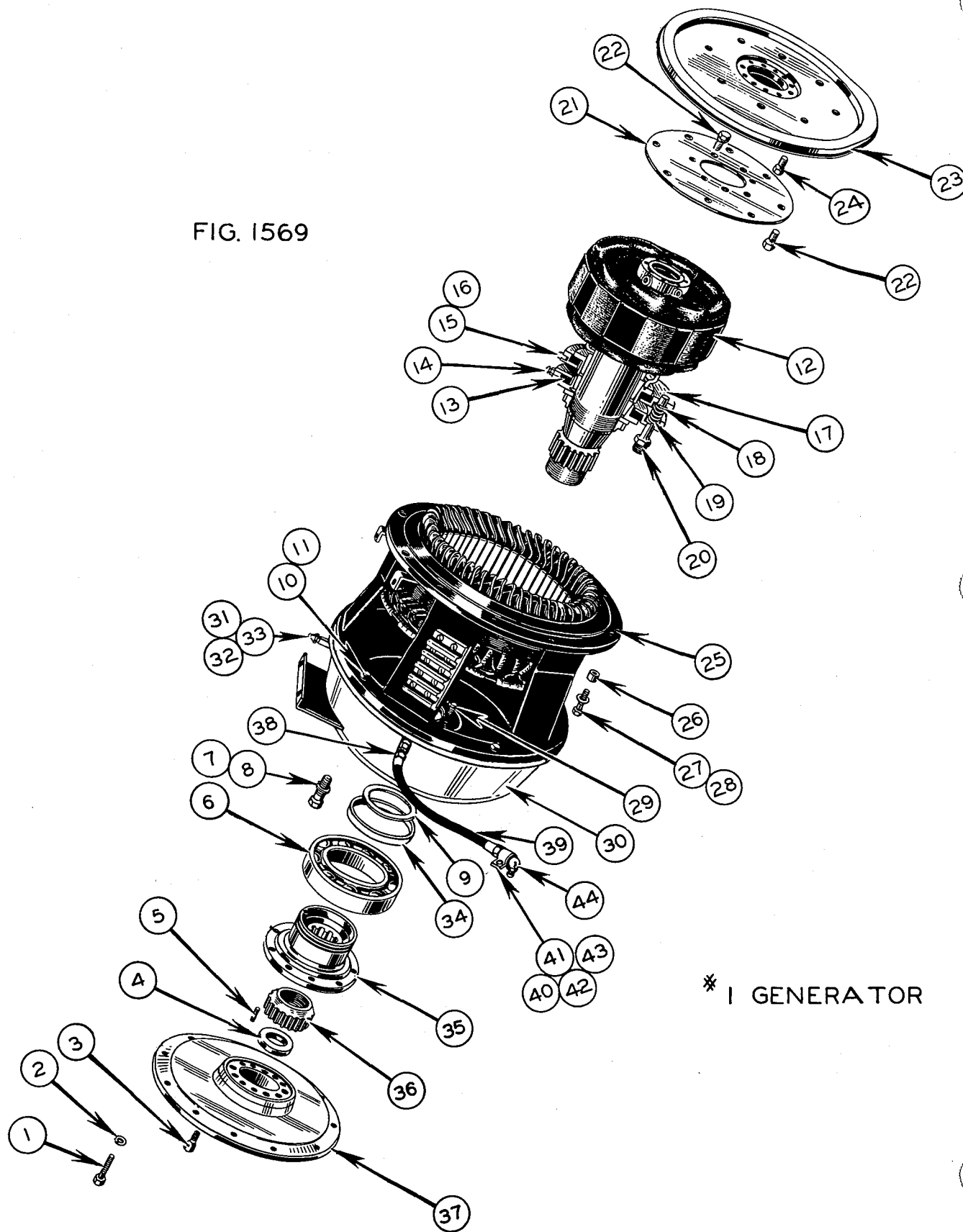
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 260

#1 GEARBOX ASSEMBLY SG-7153

Ref. No.	Part No.	Description	Qty.
1	SF-4150	OIL SEAL	1
2	SF-3546	BEARING	1
3	R-2029	PIPE PLUG	1
4	SG-7152	CASE	1
5	S-8009	BEARING	3
6	SF-3632	GEAR - 2nd REDUCTION	1
7	R-7804	BEARING	1
8	SF-4151	BEARING	1
9	SF-9054	SETSCREW - 1/4" NF x 5/8"	1
10	SF-4155	LOCKNUT	1
11	SF-3631	MAIN GEAR	1
12	R-787	CAPSCREW - 5/8" NF x 2 1/2"	2
13	SH-3999	FACE PLATE	1
14	D-3334	BEARING	1
15	SF-4152	OUTPUT SHAFT	1
16	SF-7544	OIL SEAL	1
17	D-7961	CAPSCREW	8
18	SF-4154	RETAINER	1
19	DC-1156	DOWEL BOLT	2
20	SF-4168	GASKET	1
21	SF-3633	GEAR - 1st REDUCTION	1
22	SF-9442	PIPE PLUG - MAGNETIC	1
NOT SHOWN & NOT INCLUDED			
	H-4784	CAPSCREW - 3/4" NF x 2 1/4"	2
	DD-5010	CAPSCREW - 5/8" NF x 3 1/2"	2
	SG-4286	CAPSCREW - 3/4" NF x 2"	2
	SF-9287	WIRE ROPE DRUM	1
	SF-8728	GUARD - WIRE ROPE DRUM	1
	SG-1926	LOCKNUT	1
	SC-1129	SETSCREW - 7/8" NC x 1"	1
	H-7486	SETSCREW - 1/4" NC x 1/2"	1

FIG. 1569



* I GENERATOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

GURE 1569

#1 A. C. GENERATOR DG-8365 SR-4524 DL-3675
DH-7061 DL-1343 TH-714

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1602	Capscrew - 3/8" nc x 1"	12	27	C-1603	Capscrew - 3/8" nc x 1 1/4"	12
2	C-312	Lockwasher - 3/8"	12		H-594	Capscrew - 7/16" nc x 1 1/4" ..	12
3	DD-2752	Capscrew	12	28	C-312	Lockwasher - 3/8"	12
4	DC-1623	Bearing ***	1		C-5775	Lockwasher - 7/16"	12
	TF-3947	Bearing %	1	29	E-5251	Plug	2
5	DC-1850	Setcrew - 1/4" nc x 3/8"	1	30	SH-3680	Bell, End	1
6	TC-9976	Bearing	1		TG-2376	Bell, End *	1
7	C-1603	Capscrew - 3/8" nc x 1 1/4"	12		TH-740	Bell, End **	1
8	C-312	Lockwasher - 3/8"	12	31	C-315	Fitting, Grease - 1/8" npt	1
9	DD-3567	Ring, Piston	2	32	C-1231	Coupling - 1/8" npt	1
10	C-1604	Capscrew - 3/8" nc x 1 1/2"	13	33	SF-8466	Pipe, Grease	1
11	C-312	Lockwasher - 3/8"	13	34	SH-3684	Retainer	1
12	DL-2109	Rotor, Winding & Brush Assy.	1	35	DD-5768	Adaptor	1
	DL-3674	Rotor, Winding & Brush Assy.*	1	36	SF-2875	Locknut	1
	DL-3684	Rotor, Winding & Brush Assy.** .	1	37	DD-6214	Flywheel, Secondary π	1
13	DD-7952	Brush	2		TF-9209	Flywheel, Secondary ππ	1
14	H-2640	Screw - 1/4" nc x 3/4"	2		TG-1541	Flywheel, Secondary #	1
	H-2641	Nut - 1/4" nc	2	38	TD-9723	Adaptor **	1
15	DC-4570	Screw	2	39	TF-4414	Hose Assy. - 1/4" x 12" **	1
16	C-1546	Washer	2	40	SV-2616	Coupling **	1
17	DD-8968	Holder, Brush	2	41	C-5746	Capscrew - 1/4 nc x 3/4" **	1
18	HE-9583	Insulator	2	42	C-5774	Lockwasher - 1/4" **	1
19	DD-7991	Spring	2	43	C-5780	Nut - 1/4" nc **	1
20	DF-103	Stud	2	44	C-1596	Fitting, Grease - 1/8" npt x 67 1/2° ** ..	1
21	DD-572	Plate, Coupling	1			Not Shown	
22	DD-2752	Capscrew	20				
23	DF-3150	Flywheel ç	1		R-1709	Clamp	1
	DD-2617	Flywheel ##	1		SG-1764	Screw	4
24	DD-9486	Capscrew ç	6		C-1521	Nut - 3/8" nc	1
	DD-2752	Capscrew ##	6		DD-1300	Clamp, Cable *	1
25	DL-1450	Stator & Winding Assy.	1		C-7588	Capscrew - 1/4" nc x 1" *	1
	DL-3672	Stator & Winding Assy. *	1		DH-2629	Wire - Brush to Ground *	1
	DL-3686	Stator & Winding Assy. **	1		DH-2628	Wire - Brush to Terminal Strip * .	1
26	SV-325	Sleeve (Used with 3/8" Capscrew) .	12				

NOTES:

Generator Not Serviced As Assembly.

Order Component Parts

* Included in DL-3675 Generator Assy.

** Included in Th-714 Generator Assy.

*** Used with DD-6214 Flywheel.

% Used with TF-9209 & TG-1541 Flywheel.

ç Used with GM Engine.

Used with Cummins Engine.

π Effective thru Serial Suffix DP-R.

ππ Effective with Serial Suffix DPS Only.

Effective with Serial Suffix DPF2 & Up.

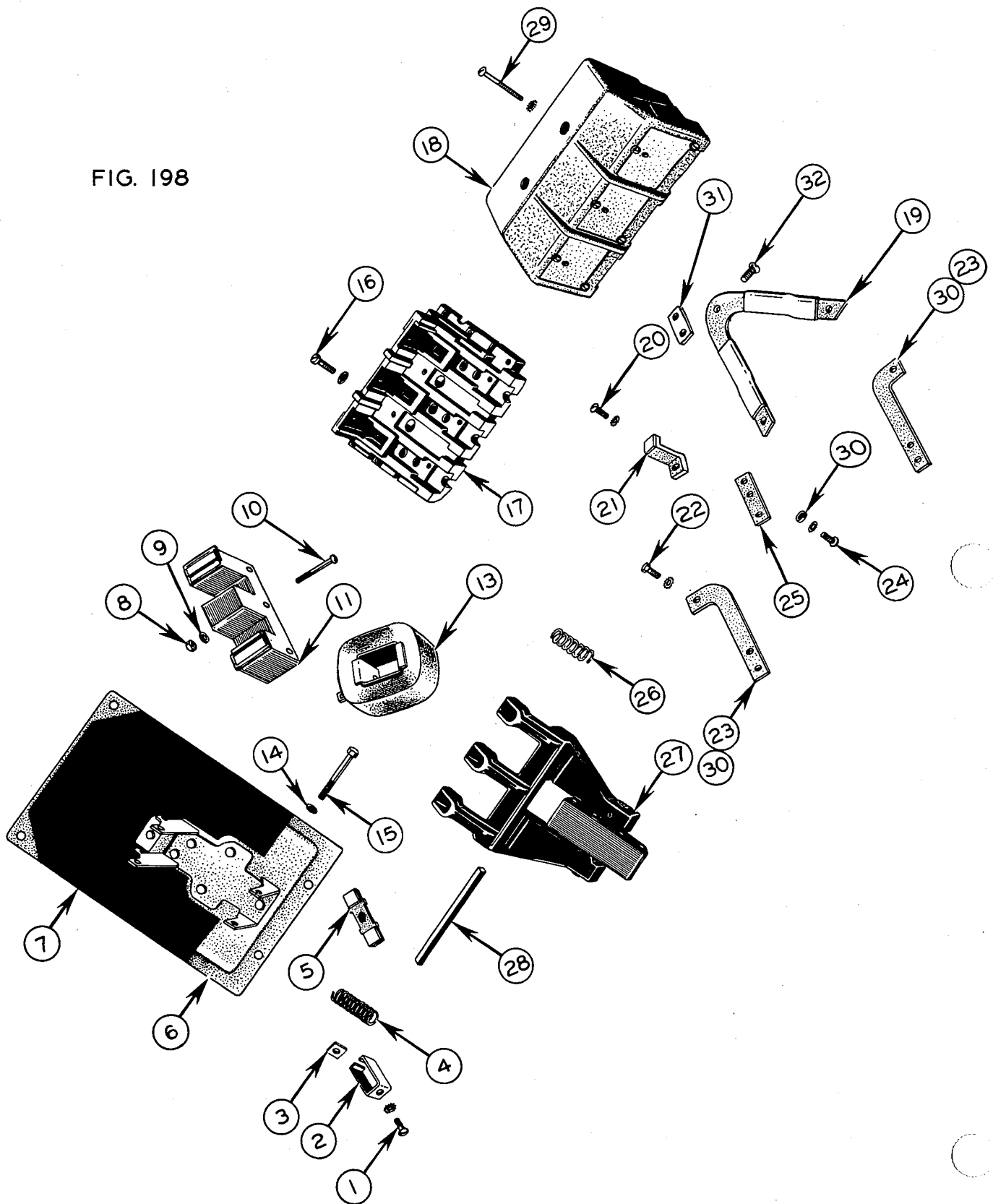
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1999

#1 GENERATOR ASSEMBLY TH-1440
TL-706

Ref. No.	Part No.	Description	Qty.
1	DC-1850	SETSCREW - 1/4" - 20 NC x 3/8"	1
2	SF-2875	NUT, LOCK	1
3	TH-4308	ADAPTOR	1
4	TC-9976	BEARING	1
6	TD-9723	ADAPTOR	1
7	TD-5652	PLATE, COVER	1
8	TD-5654	GASKET	1
9	H-8524	CAPSCREW - 3/8" - 16 NC x 5/8"	8
10	C-312	LOCKWASHER - 3/8"	34
11	DL-3684	ROTOR & BRUSH ASSEMBLY	1
12	SR-4032	SCREW & WASHER - 1/4" - 20NC x 3/8"	2
13	DD-7952	BRUSH	2
14	DD-8968	HOLDER, BRUSH	2
15	DF-103	STUD	2
16	HE-9583	INSULATOR	2
17	DD-7991	SPRING	2
18	DD-2752	CAPSCREW	14
19	DD-572	PLATE, COUPLING	1
20	DF-3150	FLYWHEEL, ENGINE	1
21	DD-9486	CAPSCREW	6
22	DL-3686	STATOR & WINDING ASSEMBLY	1
23	SR-8242	STRIP, TERMINAL	1
24	DH-9562	SPACER, TERMINAL	1
25	SR-4028	SCREW, SELF-TAPPING - 1/4" - 20 NC	4
26	H-594	CAPSCREW - 7/16" - 14NC x 1 1/4"	12
27	C-5775	LOCKWASHER - 7/16"	12
28	SV-1616	PLATE, COVER	1
29	SV-1617	GASKET	1
30	C-1604	CAPSCREW - 3/8" - 16NC x 1 1/2"	14
31	TH-4318	BELL, END	1
32	SV-2616	COUPLING ASSEMBLY	1
33	C-5746	CAPSCREW - 1/4" - 20NC x 3/4"	1
34	C-5774	LOCKWASHER - 1/4"	1
35	C-5780	NUT - 1/4" - 20NC	1
36	TF-4414	HOSE ASSY. - 1/4" x 12"	1
37	DD-3567	RING	2
38	SH-3684	GUIDE, RING	1
39	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4"	12
40	SV-2744	PIPE, GREASE	1
41	DD-1300	CLAMP, CABLE	1
42	C-7588	CAPSCREW - 1/4" - 20NC x 1"	1
43	SV-1619	DISC, FLYWHEEL HUB	1
		NOT SHOWN	
	DH-2629	WIRE - BRUSH TO GROUND	1
	DH-2628	WIRE - BRUSH TO TERMINAL STRIP	1
	TL-2189	WASHER	12
		NOTE: GENERATOR NOT SERVICED AS AN ASSEMBLY.	
		ORDER COMPONENT PARTS	

FIG. 198



CONTACTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 198

CONTACTOR ASSEMBLIES

TC-9535 - R.H.
TC-9536 - L.H.

Ref. No.	Part No.	Description	Qty.
1	DF-4713	SCREW & LOCKWASHER - #10-32 x 1/2"	3
2	DF-2729	HOLDER, CONTACT - MOVING	3
3	DG-6051	SHIM	AR
4	DF-2730	SPRING	3
5	DD-4983	POINT, CONTACT - MOVING	3
6	SR-4030	PLATE, BASE	1
7	SR-4031	SHEET, INSULATING	1
8	TD-9403	NUT - #10-32	1
9	SC-3117	FLATWASHER - #10	1
10	TD-9402	SCREW, MACHINE - #10-32 x 2 1/4"	1
11	DG-6090	MAGNET	1
13	DL-1919	COIL	1
14	DC-3584	LOCKWASHER - 1/4"	2
15	DF-2966	CAPSCREW - 1/4" - 28NF x 1 3/4"	2
16	SR-4028	SCREW, MACHINE - 1/4" - 20NC x 7/8"	2
17	SR-4502	BASE, CONTACTOR	1
18	SR-4006	SNUFFER, ARC	1
	SV-2871	PLATE, VENT - INSIDE	3
	SV-2869	PLATE, VENT - OUTSIDE	3
	SV-5597	SCREW	6
19	DL-4692	BAR, TERMINAL - CENTER	1
20	SR-4032	SCREW, MACHINE - 1/4" - 20NC x 3/8"	6
21	DD-4980	POINT, CONTACT - STATIONARY	6
22	DH-4691	SCREW & LOCKWASHER - 1/4" - 20NC x 1/2"	6
23	SR-4009	BAR, TERMINAL - TOP	2
24	DF-4714	SCREW & LOCKWASHER - 1/4" - 20NC x 1/2"	5
25	SR-4015	BAR, TERMINAL - TOP	3
26	DF-3073	SPRING	1
27	TC-3581	MAGNET & ARM	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 & LOCKWASHER - 1/4" - 20 NC x 3/4"	1
		NOT SHOWN	
	DF-2731	CLIP, TERMINAL	6
	TC-9965	WIRE, JUMPER	1
	TC-9967	WIRE, JUMPER	1

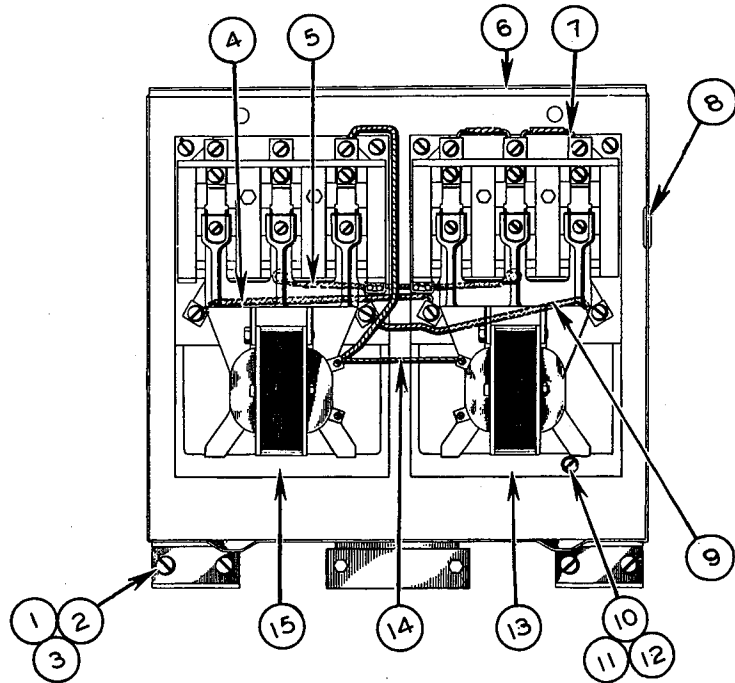


FIG. 864 A

SWITCH BOX ASSEMBLY

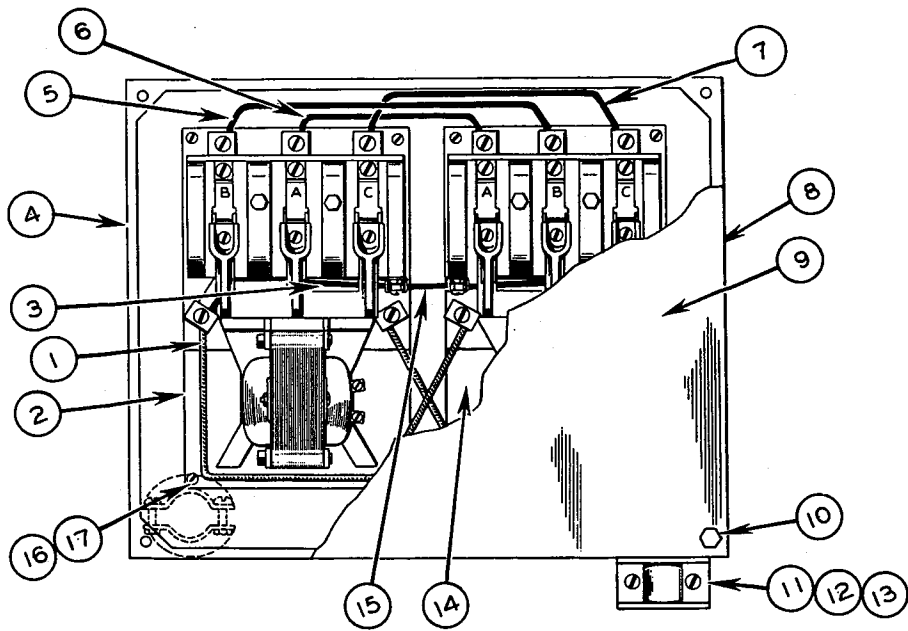


FIG. 864 B

SWITCH BOX ASSEMBLY

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 864A

SWITCH BOX ASSEMBLY DF-3079

Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
DF-1311	Grommet	3		SP-7811	Cable - Lo Tap	1
DF-1800	Screw - 1/4" nc x 3/4"	6		SL-6466	Cable - Hi Tap (Effective with Serial Suffix DP only) ...	1
DF-1577	Nut - 1/4" nc	6		SP-7803	Cable - Hi Tap	1
DF-5341	Wire	1		SL-4159	Wire - Inst. Panel (Effective with Serial Suffix DP only)	1
DF-6348	Wire	1		SP-7802	Wire - Inst. Panel	1
DF-3077	Box	1		SL-6463	Cable - Transformer (Effective with Serial Suffix DP Only) ...	1
DF-3076	Cover	1		SP-7804	Cable - Transformer	1
DF-6349	Wire	1		SV-6749	Switch	1
DF-3428	Bushing	1		C-1603	Capscrew - 3/8" nc x 1 1/4"	4
DF-5342	Wire	1		C-312	Lockwasher - 3/8"	4
DD-2286	Screw - 1/4" nc x 9/16"	8		C-1521	Nut - 3/8" nc	4
DC-3584	Lockwasher - 1/4"	8		SL-8936	Grommet	3
DD-2464	Nut - 1/4" nc	8		DD-1300	Clamp	1
TC-9536	Contactor - Left Hand	1		H-2640	Screw, Machine - 1/4" nc x 3/4" .	1
DF-6500	Wire	1		C-5774	Lockwasher - 1/4"	1
TC-9535	Contactor - Right Hand	1		C-5780	Nut - 1/4" nc	1
	Not Shown					
SL-4161	Cable - Lo Tap (Effective with Serial Suffix DP Only) ..	1				

(USED WITH ELECTROTARDER)

FIGURE 864B

SWITCH BOX ASSEMBLY SG-3143 TD-7291
SL-5250 TD-9190

DC-8423	Wire, Jumper *	2	12	DF-1577	Nut - 1/4" nc	4
TC-9954	Wire, Jumper **	1	13	DF-1800	Screw - 1/4" nc x 3/4"	4
TC-9535	Contactor - Right Hand *	1	14	TC-9536	Contactor - Left Hand *	1
SL-2475	Wire Jumper *	2	15	DF-6349	Wire, Jumper *	1
TD-7290	Wire, Jumper **	1		TD-7288	Wire, Jumper **	1
SL-5251	Box, Switch (Used with SL-5250 & TD-9190)	1	16	SR-4042	Capscrew - 1/4" nc x 3/8"	8
HD-4896	Box, Switch (Used with SG-3143 & TD-7291)	1	17	DC-3584	Lockwasher - 1/4"	8
DC-8420	Wire, Jumper *	1			Not Shown	
TC-9952	Wire, Jumper **	1		C-1612	Capscrew - 1/2" nc x 1"	4
DC-8421	Wire, Jumper *	1		C-1540	Lockwasher - 1/2"	4
TC-9951	Wire, Jumper **	1		C-1523	Nut - 1/2" nc	4
DC-8422	Wire, Jumper *	1				
TC-9549	Wire, Jumper **	1				
DC-3552	Gasket	1				
HD-3604	Cover	1				
C-5748	Capscrew - 5/16" nc x 3"	4				
DF-1311	Grommet	2				

* Used with SG-3143 & SL-5250
Switch Box Assemblies.
** Used with TD-9190 & TD-7291
Switch Box Assemblies.

(USED WITH BULLDOZER & SNOWPLOW)

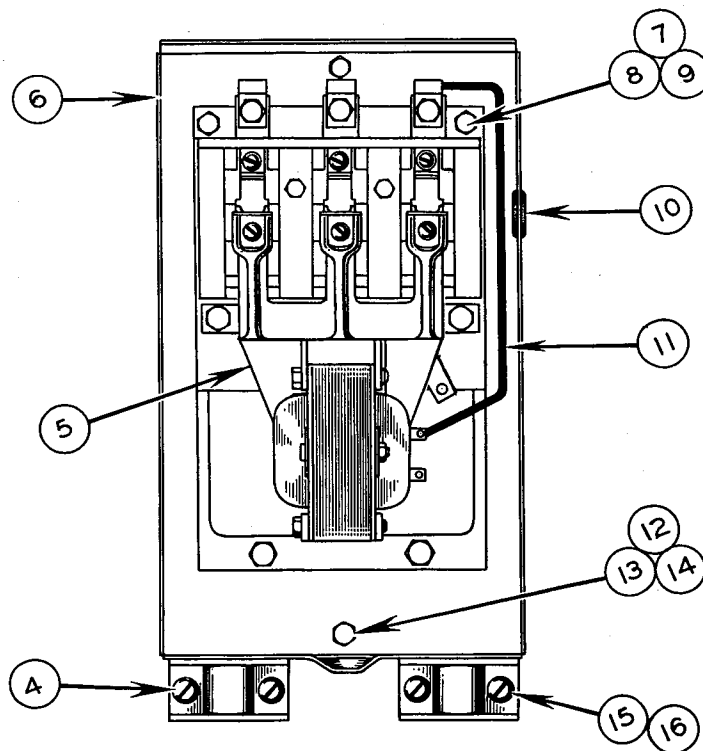
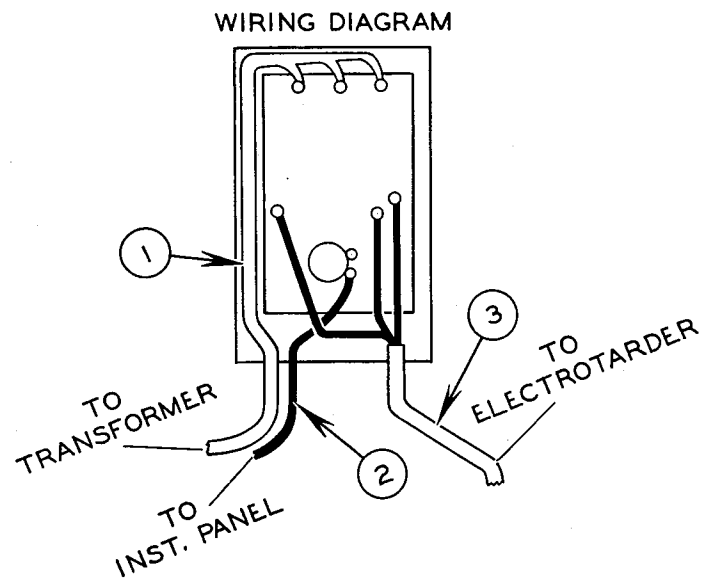


FIG. 854

SWITCH BOX & WIRING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 854

SWITCH BOX & WIRING

Ref. No.	Part No.	Description	Qty.
1	SP-7804	CABLE	1
2	SP-7802	WIRE	1
3	SP-7803	CABLE	1
4	DF-1311	GROMMET	2
5	TC-9535	CONTACTOR - R.H.	1
6	SR-9276	BOX	1
7	H-8136	CAPSCREW - 1/4" - 20 NC x 1/2"	4
8	C-5774	LOCKWASHER - 1/4"	4
9	H-2641	NUT - 1/4" - 20NC	4
10	DF-3428	BUSHING	1
11	SR-9278	WIRE, JUMPER	1
12	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4"	2
13	C-312	LOCKWASHER - 3/8"	2
14	C-1521	NUT - 3/8" - 16NC	2
15	DF-1800	SCREW - 1/4" - 20 NC x 3/4"	4
16	DF-1577	NUT - 1/4" - 20NC	4
NOT SHOWN			
	DG-3971	COVER, BOX	1
	DF-1311	GROMMET	1
	DF-1800	SCREW - 1/4" - 20NC x 3/4"	2
	DF-1577	NUT - 1/4" - 20 NC	2
	DD-1300	CLAMP	1
	H-2640	SCREW - 1/4" - 20 NC x 3/4"	1
	C-5774	LOCKWASHER - 1/4"	1
	C-5780	NUT - 1/4" - 20NC	1
(USED WITH ELECTROTARDER)			

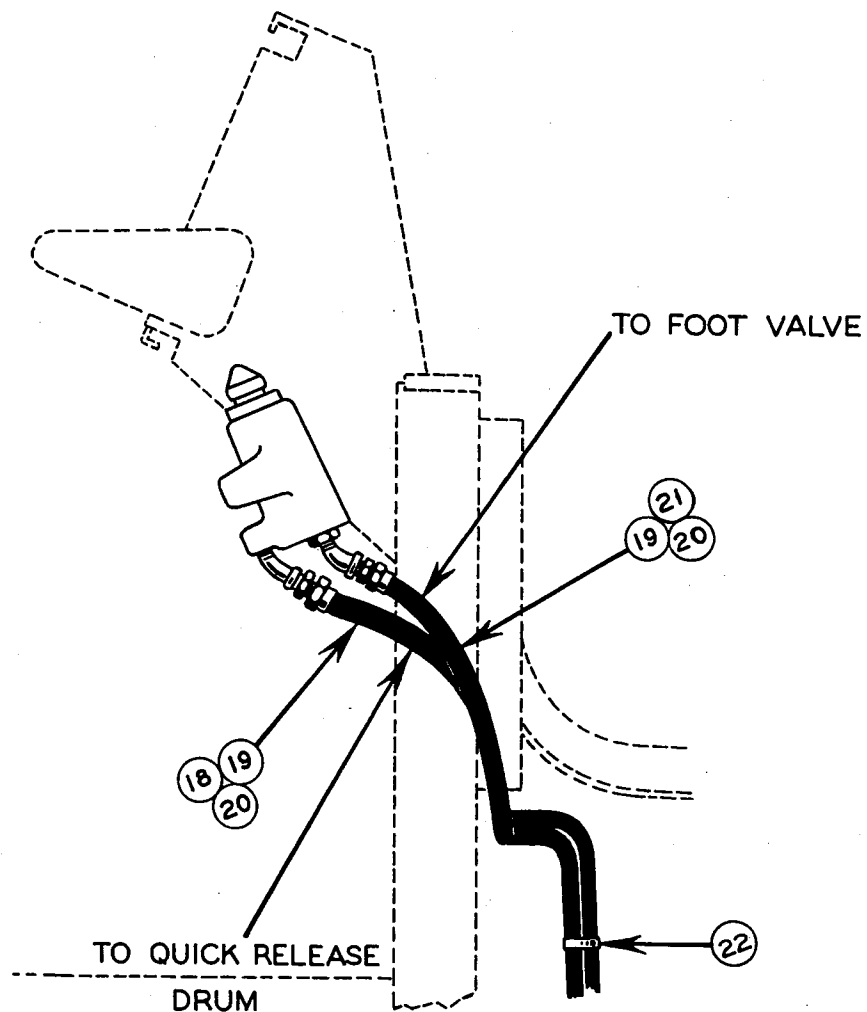
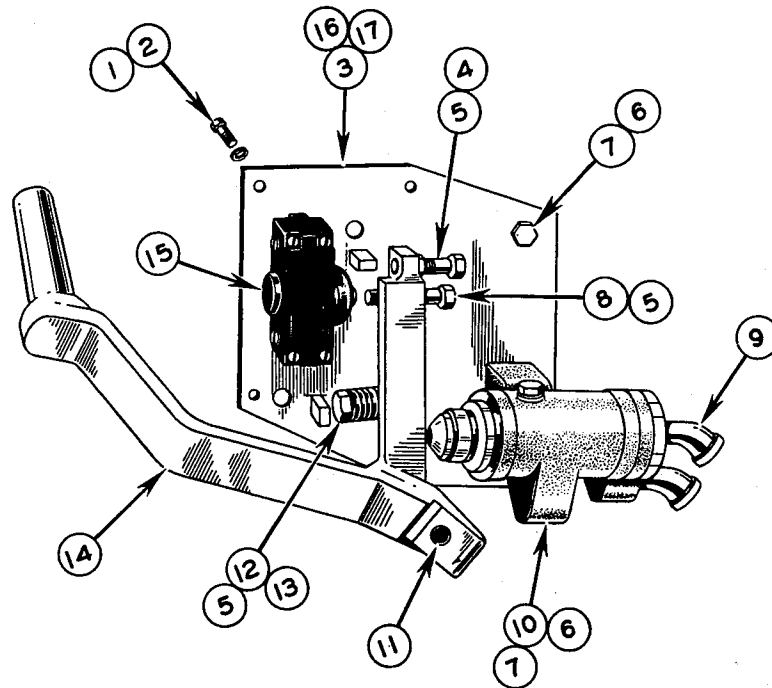


FIG. 412
QUICK RELEASE DRUM CONTROL & PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 412 QUICK RELEASE CABLE DRUM CONTROL & PIPING

Ref. No.	Part No.	Description	Qty.
1	S-9861	SCREW - #10-32 x 3/8"	3
2	H-2643	LOCKWASHER - 3/16"	3
3	SP-6226	BASE	1
4	SP-6244	CAPSCREW	1
5	R-6864	NUT - 3/8" NF JAM	4
6	R-3869	CAPSCREW - 5/16" NC x 5/8"	6
7	C-1538	LOCKWASHER - 5/16"	6
8	DD-5620	CAPSCREW	1
9	S-7182	STREET ELL - 1/4" x 45°	2
10	HC-1096	VALVE - SEE INDEX	1
11	SG-8999	ROLL PIN	1
12	SP-6459	CAPSCREW	1
13	SP-6458	SPRING	1
14	SV-1181	HANDLE	1
15	DF-5856	SWITCH	1
16	SR-6597	MOUNT PLATE	1
17	SP-6221	COVER PLATE	1
18	SR-4293	HOSE ASSEMBLY - 3/8" x 252"	1
19	SL-5636	ADAPTOR - 1/4" MALE	4
20	SG-2103	GROMMET	2
21	SR-4243	HOSE ASSEMBLY - 3/8" x 42"	1
22	H-3167	JIFFY CLAMP - 3/8"	6
		NOT SHOWN	
	SF-4602	STREET TEE - 1/4"	1
	SP-6245	CLAMP - 1/8"	1
	C-5746	CAPSCREW - 1/4" NC x 3/4"	3
	C-5774	LOCKWASHER - 1/4"	3
	C-5780	NUT - 1/4" NC	3

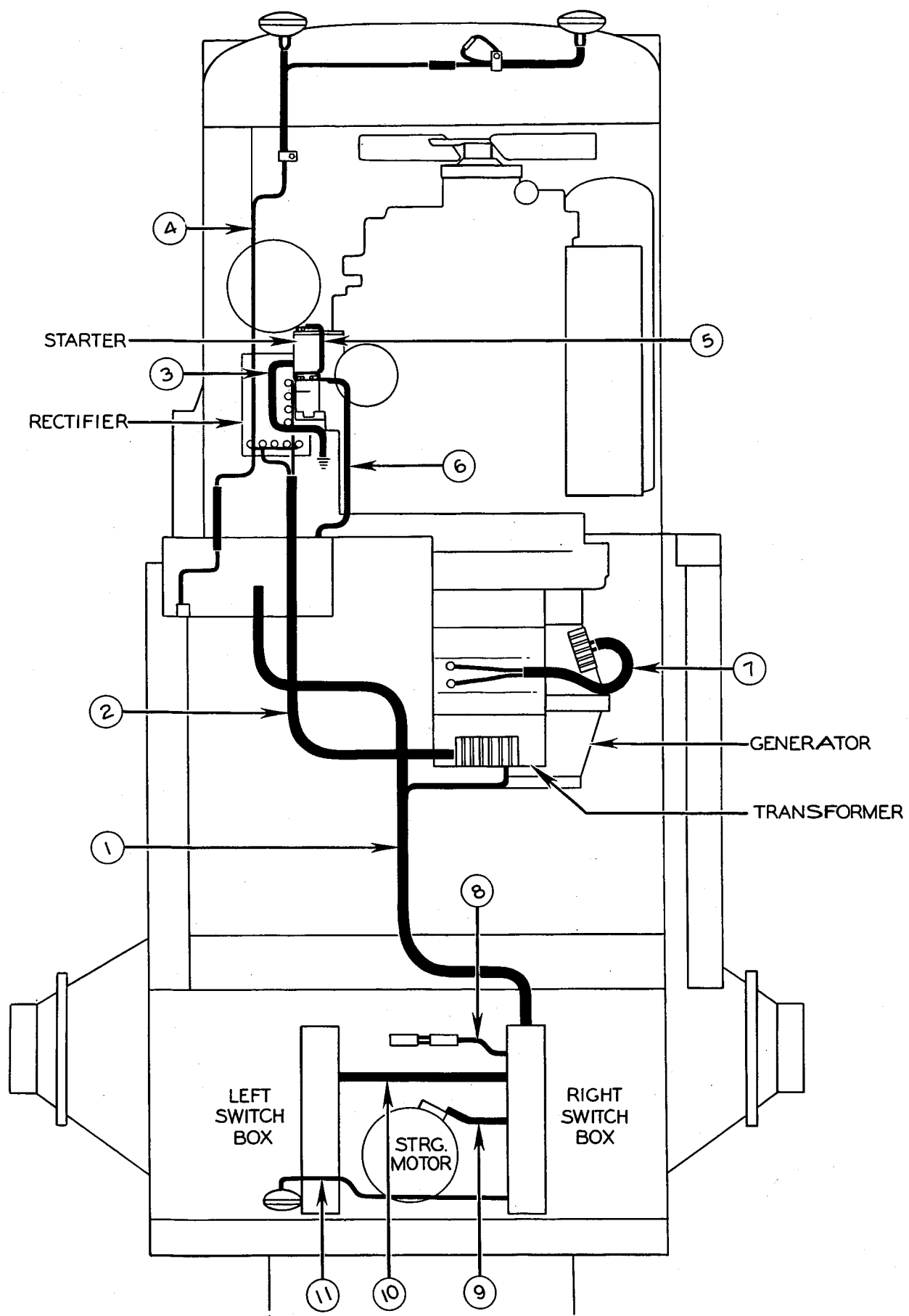


FIGURE 903
WIRING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 903

WIRING - GENERAL

Ref. No.	Part No.	Description	Qty.
1	SH-2215	CABLE, MAIN *	1
	TC-5533	CABLE, MAIN **	1
2		CABLE - TRANSFORMER TO RECTIFIER - SEE TRANSFORMER	1
3	SG-4292	CABLE, STARTER GROUND - GM ##	1
	TL-9818	CABLE, STARTER GROUND - GM @	1
	TC-5162	CABLE, STARTER GROUND - CUMMINS	1
4		WIRE, HEADLIGHT - SEE HEADLIGHT WIRING	1
5	TC-5160	CABLE, CRANKING MOTOR TO STARTER SOLENOID - CUMMINS	1
6	SG-4290	CABLE, INSTRUMENT PANEL TO STARTER - GM	1
	TC-5156	CABLE - INSTRUMENT PANEL TO STARTER - CUMMINS	1
7		CABLE - TRANSFORMER TO GENERATOR - COMES WITH TRANSFORMER	1
8	SG-1420	CABLE, STEERING MOTOR LIMIT SWITCH *	1
	TD-7530	CABLE, STEERING MOTOR LIMIT SWITCH **	1
9	SG-4717	CABLE - MAIN SWITCH BOX TO STEERING MOTOR *	1
	TC-6900	CABLE - MAIN SWITCH BOX TO STEERING MOTOR π	1
	TF-7238	CABLE - MAIN SWITCH BOX TO STEERING MOTOR ππ	1
	TL-522	CABLE - MAIN SWITCH BOX TO STEERING MOTOR #	1
10	SG-4718	CABLE - SWITCH BOX TO SWITCH BOX - GM	1
	TD-4441	CABLE - SWITCH BOX TO SWITCH BOX - CUMMINS	1
11	SG-4298	WIRE, REAR LIGHT ASSEMBLY π/ππ	1
	TL-4017	WIRE, REAR LIGHT ASSEMBLY #	1
NOT SHOWN			
	SG-6113	WIRE, FUEL TANK UNIT & BATTERY TO INSTRUMENT PANEL ¢	1
	SL-4157	WIRE, FUEL TANK UNIT & BATTERY TO INSTRUMENT PANEL ¢¢	1
	TR-6410	WIRE - PT FUEL PUMP SOLENOID - CUMMINS	1
	TC-5154	WIRE - STARTER SOLENOID TO GROUND - CUMMINS	1
	H-3208	CAT CLIP	3
	SF-9921	CONNECTOR, SERVICE ENTRANCE	3
	DC-4570	CAPSCREW - 1/4" NC x 3/8" RD. HEAD	11
	CC-6174	CLAMP, JIFFY - 1/2"	2
	SD-7388	CLAMP, JIFFY - 3/4"	4
	SF-5650	CLAMP, JIFFY - 3/4"	2
	SG-3216	CAPSCREW - 1/4" NC x 5/8" RD. HEAD	4
	SD-7389	CLAMP, JIFFY - 1"	5
	*	EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-L & DP-M.	
	**	EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N & UP.	
	¢	USED WITH STANDARD MACHINES SERIAL SUFFIX DP ONLY.	
	¢¢	USED WITH D LOGGING ARCH SERIAL SUFFIX DP ONLY.	
	π	EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N THRU DP-R & DPS.	
	ππ	EFFECTIVE WITH SERIAL SUFFIX DPF2 & DPF2-A.	
	#	EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2 & UP.	
	##	EFFECTIVE THRU SERIAL SUFFIX DPF2-C & DPA2-C.	
	@	EFFECTIVE WITH SERIAL SUFFIX DPF2-E & DPA2-D.	
(EFFECTIVE THRU SERIAL SUFFIX DPF2-H & DPA2-F)			

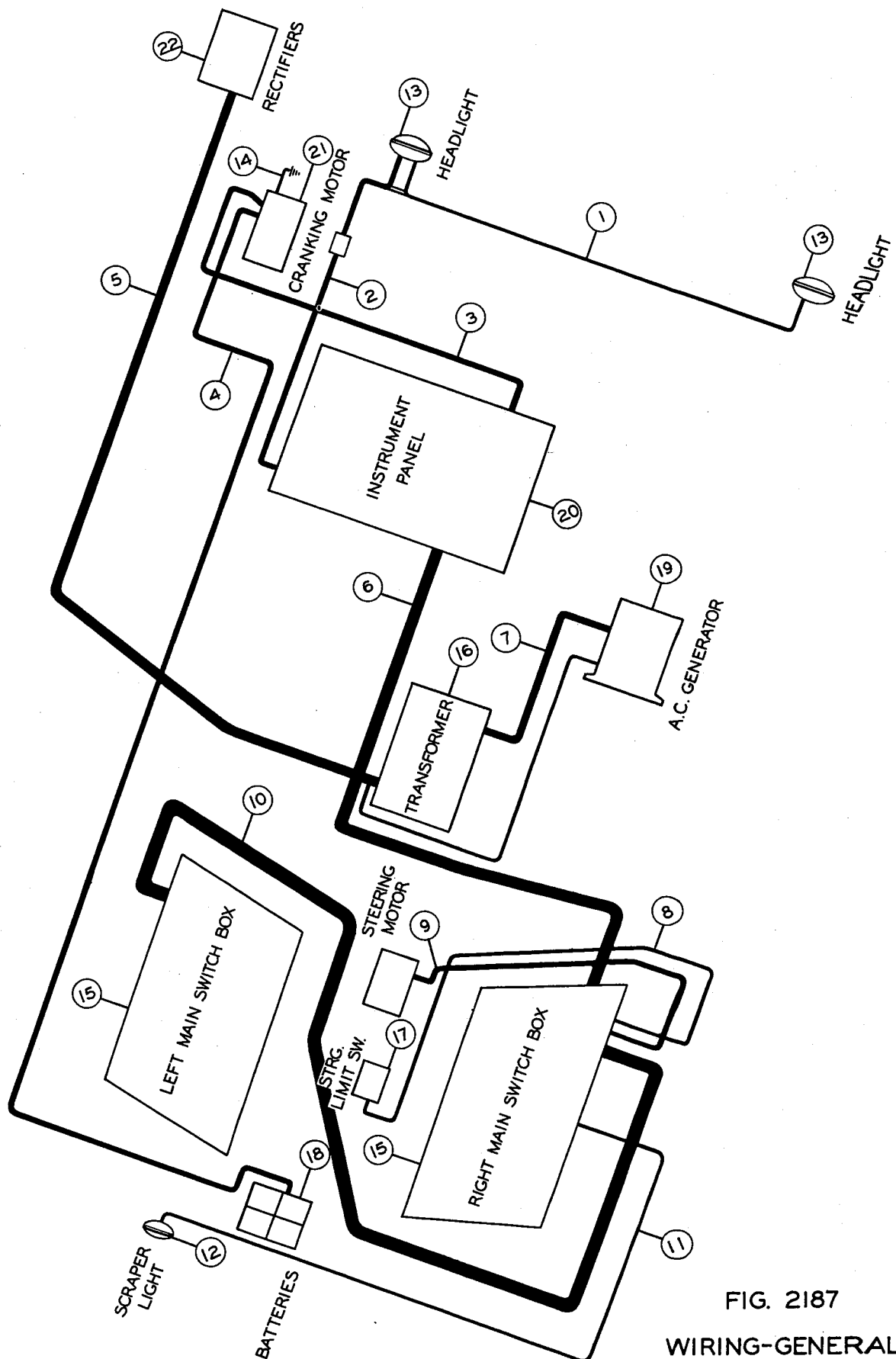


FIG. 2187
WIRING-GENERAL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2187

WIRING - GENERAL

Ref. No.	Part No.	Description	Qty.
1	TH-7170	CABLE - BETWEEN HEADLIGHTS	1
2	TH-7174	CABLE - SWITCH TO HEADLIGHT CABLE	1
3	SG-4290	CABLE - INSTRUMENT PANEL TO SOLENOID *	1
	VF-9597	CABLE - INSTRUMENT PANEL TO SOLENOID **	1
4	SG-1408	CABLE - BATTERY TO SOLENOID	1
5	TH-76	CABLE - TRANSFORMER TO RECTIFIER	1
6	TC-5533	CABLE - INST. PANEL TO SWITCH BOX *	1
	VF-9589	CABLE - INSTRUMENT PANEL TO SWITCH BOX **	1
7	DL-1970	CABLE - TRANSFORMER TO GENERATOR (Part of Transformer Assembly)	1
8	TD-7530	CABLE - SWITCH BOX TO LIMIT SWITCHES	1
9	TL-522	CABLE - SWITCH BOX TO STEERING MOTOR	1
10	TD-4441	CABLE - RIGHT TO LEFT SWITCH BOX	1
11	TL-4017	WIRE - SCRAPER LIGHT (Optional)	1
12		LIGHT ASSEMBLY, SCRAPER (See Index)	1
13		LIGHT ASSEMBLY, HEAD (See Index)	2
14	TL-9818	CABLE, GROUND	1
15		BOX ASSEMBLY, SWITCH (See Index)	2
16		TRANSFORMER ASSEMBLY (See Index)	1
17		SWITCH, LIMIT (See Index)	2
18		BATTERY (See Battery Box)	4
19		GENERATOR, A.C. (See Index)	1
20		PANEL, INSTRUMENT (See Index)	1
21		MOTOR, CRANKING (See Engine Misc.)	1
22		RECTIFIER ASSEMBLY (See Index)	1
* EFFECTIVE THRU SERIAL SUFFIX DPA2-G & DPF2-J. ** EFFECTIVE WITH SERIAL SUFFIX DPA2-H & DPF2-K. (EFFECTIVE WITH SERIAL SUFFIX DPF2-J & DPA2-G)			

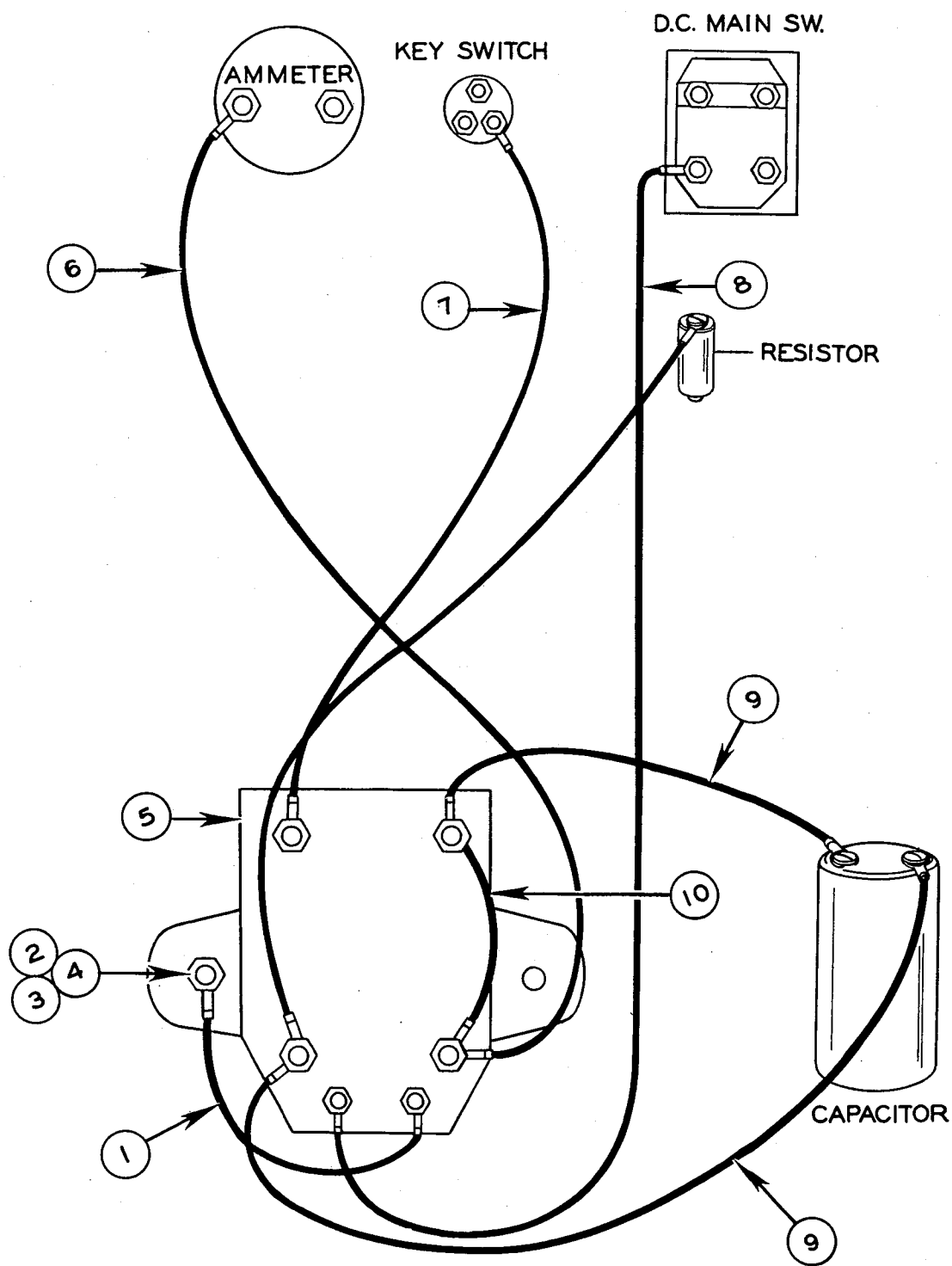


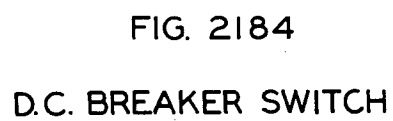
FIG. 1996
D.C. BREAKER SWITCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1996

D.C. CONTACTOR GROUP TV-616 4

Ref. No.	Part No.	Description	Qty.
1	TV-6967	WIRE - BREAKER COIL TO GROUND	1
2	H-2642	SCREW, MACHINE - #10-24 x 1/2"	2
3	H-2643	LOCKWASHER - #10	2
4	H-2644	NUT, BRASS - #10-24	2
5	TF-6760	CONTACTOR ASSEMBLY	1
6	TV-6966	WIRE - AMMETER TO BREAKER	1
7	VC-2523	WIRE - KEY SWITCH TO BREAKER	1
8	TV-6956	WIRE - D.C. MAIN SWITCH TO BREAKER	1
9	SV-2356	WIRE - TO CAPACITOR	2
10	TV-6968	WIRE - JUMPER	1
NOT SHOWN			
	TV-6163	ANGLE, CONTACTOR MOUNT	1
	HE-4581	SCREW, MACHINE - 1/4" - 20NC x 1/2"	2
	C-5774	LOCKWASHER - 1/4"	2
	H-2641	NUT, BRASS - 1/4" - 20NC	2
(OPTIONAL)			
(USED WITH HANCOCK SCRAPER)			
(EFFECTIVE THRU SERIAL SUFFIX DPF2-H & DPA2-F)			



D.C. BREAKER SWITCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2184

D.C. CONTACTOR & CAPACITOR

Ref. No.	Part No.	Description	Qty.
1	TV-6967	WIRE - BREAKER COIL TO GROUND	1
2	H-2642	SCREW, MACHINE - #10-24 x 1/2"	2
3	H-2643	LOCKWASHER - #10	2
4	H-2644	NUT, BRASS - #10-24	2
5	TF-6760	CONTACTOR ASSEMBLY	1
	TV-6163	ANGLE, MOUNT	1
	HE-4581	SCREW, MACHINE - 1/4" - 20NC x 1/2"	2
	C-5774	LOCKWASHER - 1/4"	2
	H-2641	NUT, BRASS - 1/4" - 20 NC	2
6	TV-6966	WIRE - AMMETER TO BREAKER	1
7	TV-6956	WIRE - MAIN SWITCH TO CONTACTOR	1
8	VD-4533	WIRE - CAPACITOR TO CONTACTOR	1
9	VD-4535	WIRE - CAPACITOR TO CONTACTOR	1
10	TV-6968	WIRE, JUMPER	1
11	VD-4534	WIRE - CAPACITOR TO CONTACTOR	1
12	VD-4532	WIRE - CAPACITOR TO GROUND	1
13	SL-3825	CAPACITOR	2
	VD-4529	CLAMP, CAPACITOR	1
(STANDARD) (EFFECTIVE WITH SERIAL SUFFIX DPF2-J ONLY & DPA2-G ONLY)			

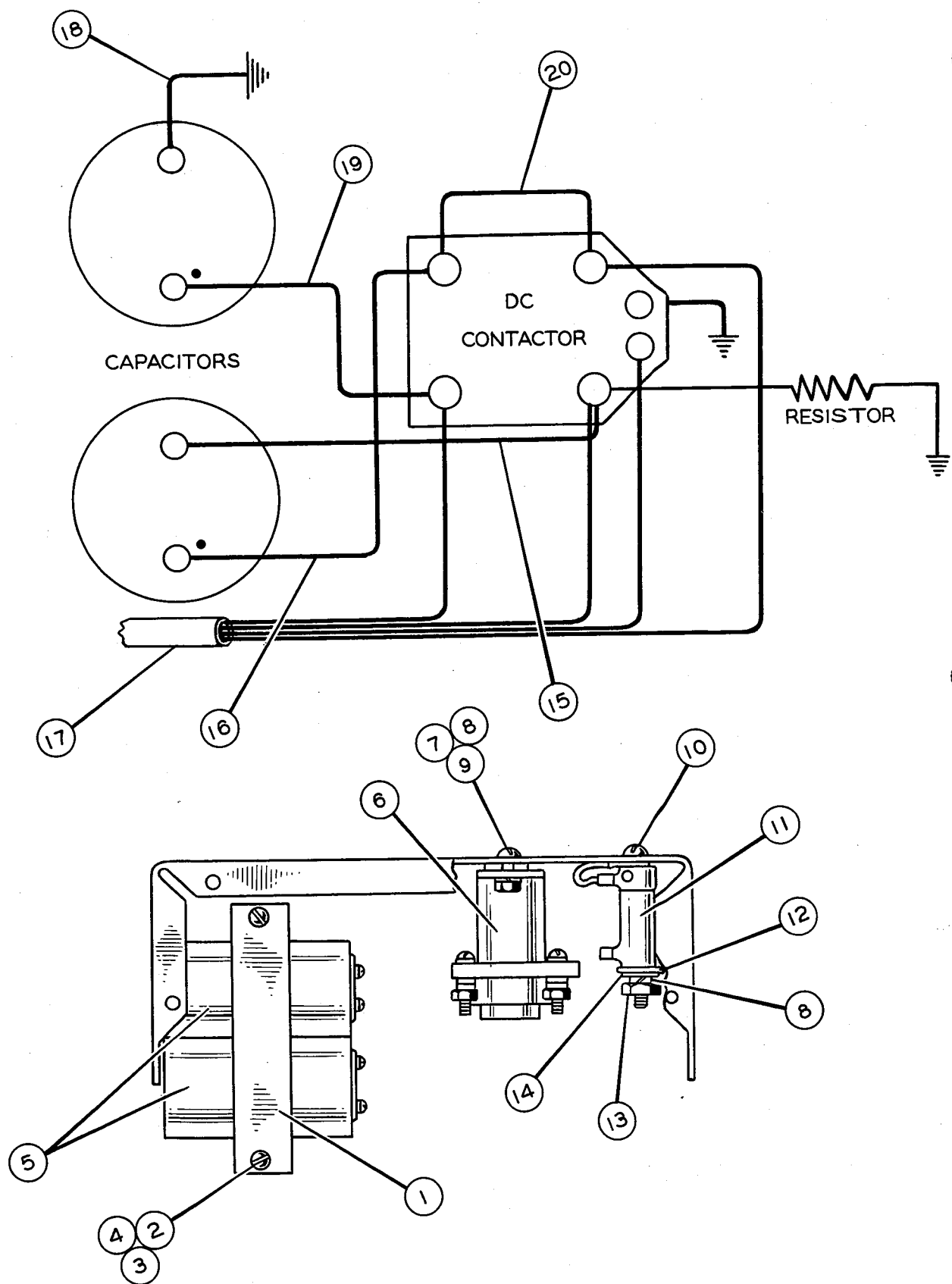


FIG. 2476
D.C. BREAKER SWITCH

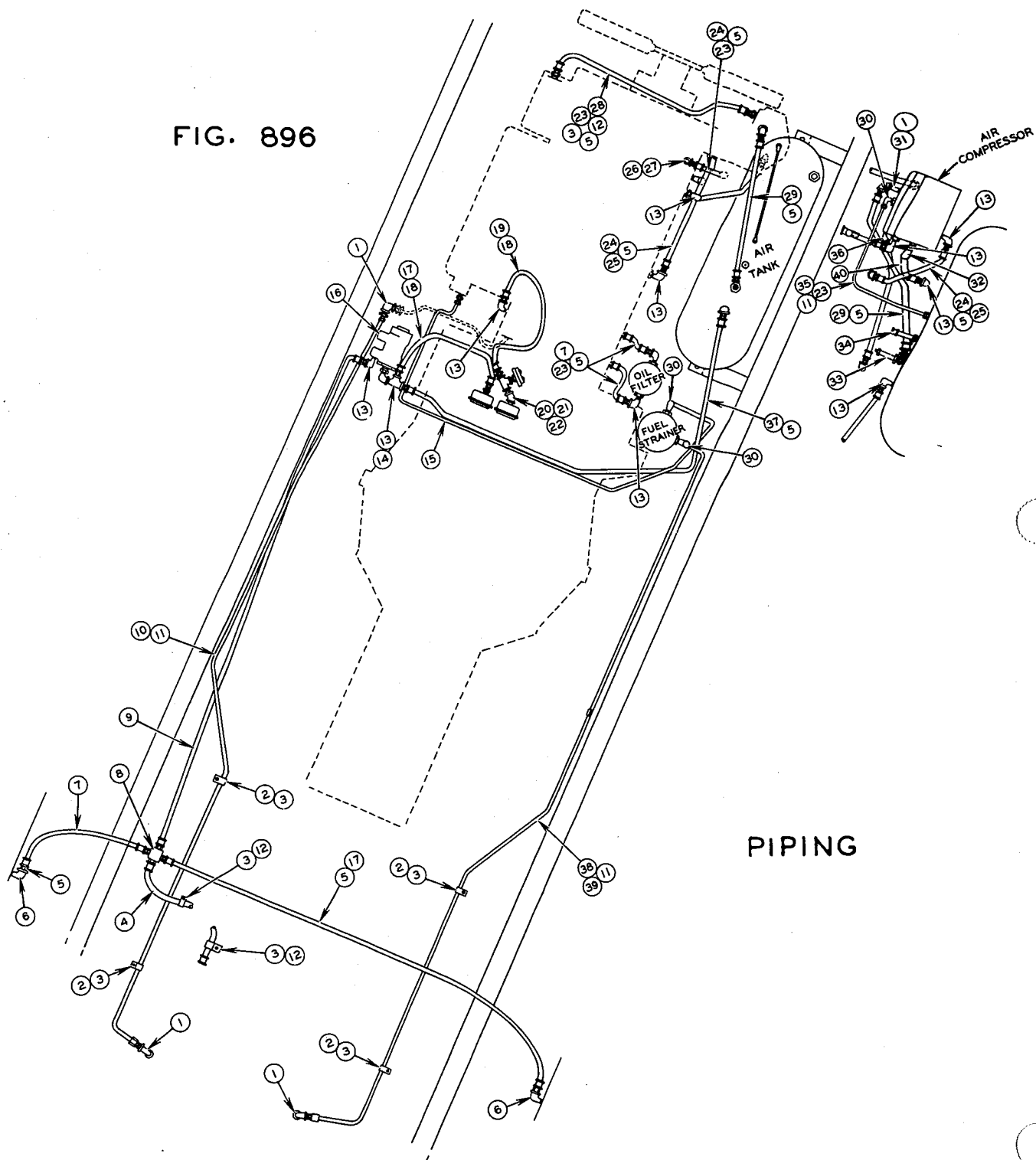
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2476

D.C. BREAKER & CAPACITOR

Ref. No.	Part No.	Description	Qty.
1	VF-7827	BAR, CAPACITOR	1
2	HE-4581	SCREW, ROUND HEAD - 1/4" - 20NC x 1/2" - BRASS	2
3	DC-3584	WASHER, LOCK - 1/4" - CADMIUM PLATED	2
4	H-2641	NUT - 1/4" - 20NC - BRASS	2
5	SL-3825	CAPACITOR	2
6	TF-6760	CONTACTOR - 50 AMP	1
7	SC-731	SCREW - #10-24NC x 5/8" - BRASS	2
8	H-2643	WASHER, LOCK - #10	3
9	H-2644	NUT - #10-24NC - BRASS	2
10	DH-2638	SCREW, MACHINE - #10 - 24NC x 2 1/2"	1
11	VC-2522	RESISTOR	1
12	DF-5206	WASHER, FIBER	1
13	SG-3408	NUT - #10-24NC	1
14	SC-3117	WASHER, FLAT	1
15	VD-4534	WIRE	1
16	VD-4535	WIRE	1
17	VF-9598	CABLE - DC BREAKER TO INSTRUMENT PANEL	1
18	VD-4532	WIRE, CAPACITOR GROUND	1
19	VD-4533	WIRE	1
20	TV-6968	WIRE, JUMPER	1

FIG. 896



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 896

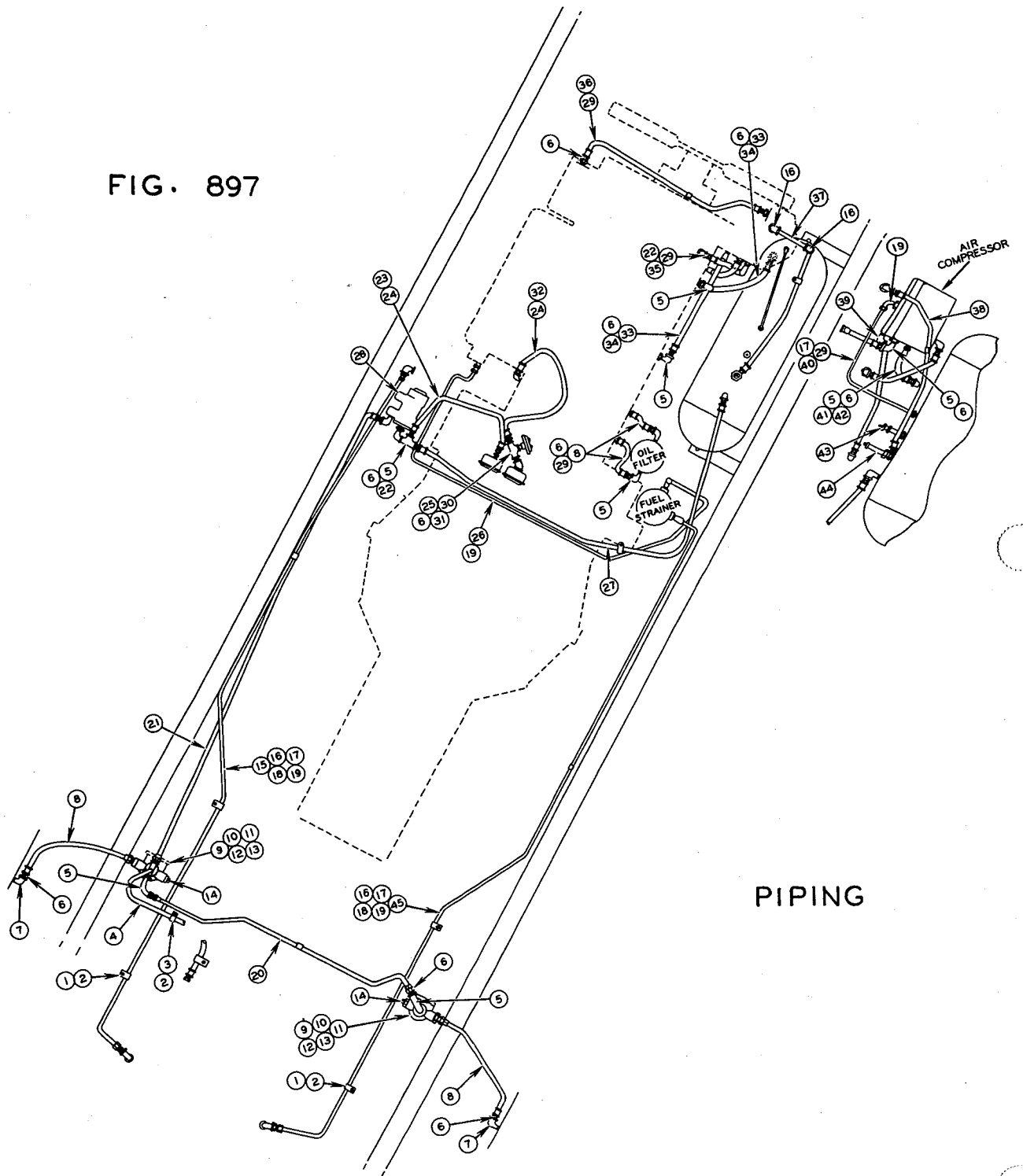
PIPING

Ref. No.	Part No.	Description	Qty.
1	R-3188	ELBOW - 1/4" x 90°	4
2	SG-5696	CLAMP - 1/8"	4
3	SG-3216	CAPSCREW - 1/4" NC x 5/8"	6
4	SL-5646	HOSE ASSEMBLY - 3/8" x 66"	1
5	SL-5636	ADAPTOR - 1/4" MALE	11
6	SG-7811	STREET ELL - 1/4" x 90°	2
7	SL-5640	HOSE ASSEMBLY - 1/4" x 15"	3
8	SG-6758	JUNCTION BLOCK	1
9	SL-6587	HOSE ASSEMBLY - 3/8" x 42"	1
10	SG-3442	TUBE ASSEMBLY - 3/8" x 90"	1
11	HC-2489	#68 FL. CONNECTOR	3
12	H-3167	CLAMP - 3/8"	2
13	S-2916	STREET ELL - 1/4" x 90°	11
14	SF-4602	STREET TEE - 1/4"	1
15	SG-3443	TUBE ASSEMBLY - 3/8" x 38"	1
16	HC-1096	BRAKE VALVE - SEE INDEX	1
17	SL-5641	HOSE ASSEMBLY - 1/4" x 48"	2
18	SG-6076	ADAPTOR - 1/4" x 1/8"	2
19	SL-5648	HOSE ASSEMBLY - 1/4" x 36"	1
20	H-2861	NIPPLE - 1/8" x 1"	1
21	SF-8798	ELBOW - 1/8" x 45°	1
22	R-2404	TEE - 1/8"	1
23	R-86	BUSHING - 3/8" x 1/4"	6
24	SL-5642	HOSE ASSEMBLY - 3/8" x 12"	3
25	S-5823	BUSHING - 1/2" x 1/4"	2
26	SF-4602	STREET TEE - 1/4"	1
27	C-5769	PLUG - 1/4"	1
28	SL-5643	HOSE ASSEMBLY - 3/8" x 30"	1
29	SL-6550	HOSE ASSEMBLY - 1/4" x 24"	1
30	H-8549	#69 FL. ELL	3
31	SL-6555	NIPPLE - 1/4" x 2"	1
32	R-900	STREET ELL - 1/8" x 90°	1
33		UNLOADER VALVE - SEE INDEX	1
34	R-5035	SAFETY VALVE	1
35	SL-6578	TUBE ASSEMBLY - 3/8" x 21"	1
36	S-7182	STREET ELL - 1/4" x 45°	1
37	SL-5647	HOSE ASSEMBLY - 3/8" x 48"	1
38	SG-3441	TUBE ASSEMBLY - 3/8" x 104"	1
39	DD-8443	#66 FLEX COUPLING	1
40	SL-6579	HOSE ASSEMBLY - 1/4" x 9"	1

NOTE: HOSE & TUBING LENGTHS - LESS FITTINGS

(EFFECTIVE WITH SERIAL SUFFIX DP ONLY)

FIG. 897



PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 897

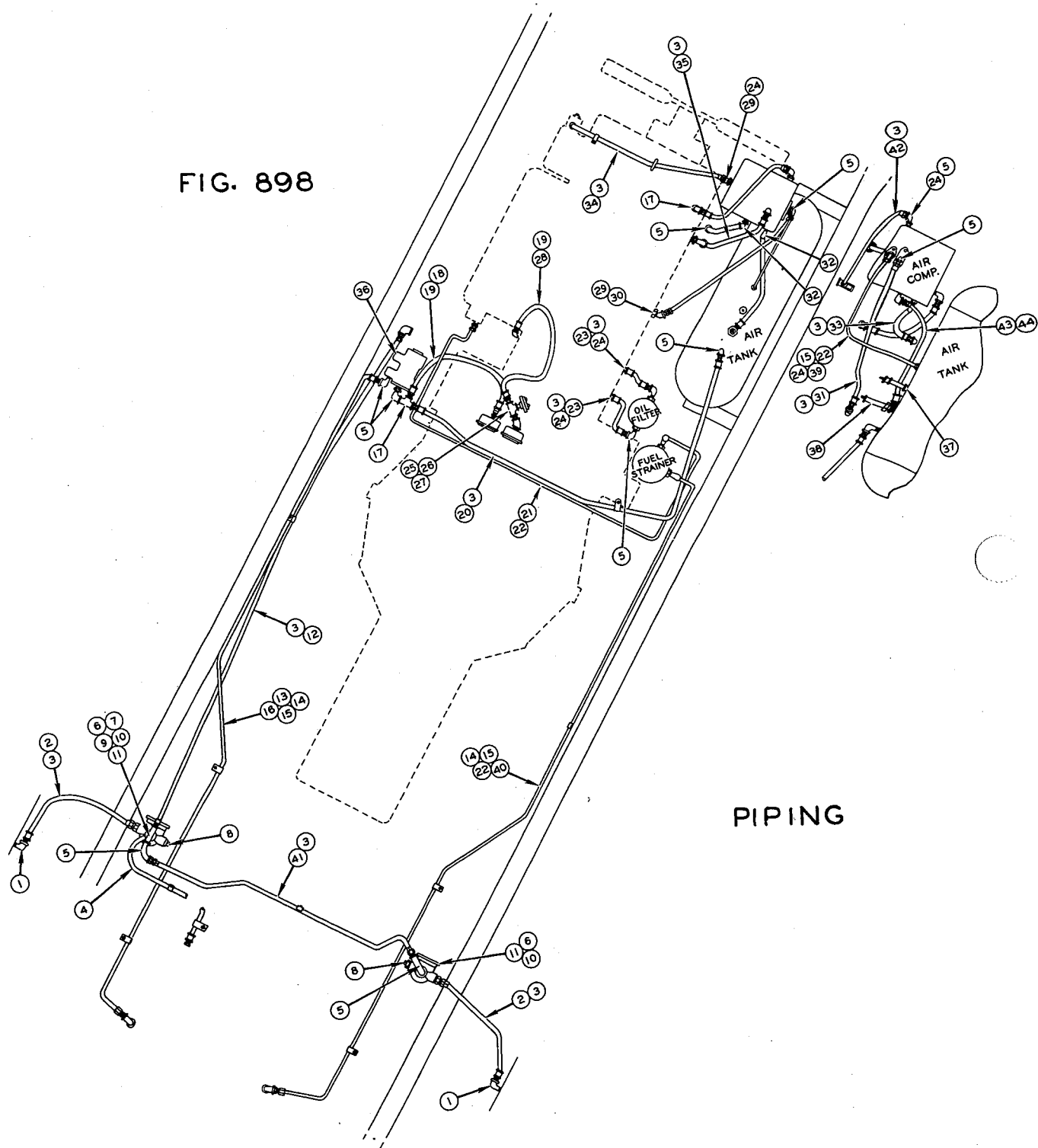
PIPING

Ref. No.	Part No.	Description	Qty.
1	SG-5696	JIFFY CLAMP - 1/8"	6
2	C-5780	NUT - 1/4" NC	10
3	H-3167	JIFFY CLAMP - 3/8"	4
4	SL-5646	HOSE ASSEMBLY - 3/8" x 66"	1
5	S-2916	STREET ELL - 1/4"	12
6	SL-5636	ADAPTOR - 1/4" MALE	14
7	SG-7811	STREET ELL - 1/4"	2
8	SL-5640	HOSE ASSEMBLY - 1/4" x 15"	4
9	DF-4292	PIPE CROSS - 1/4"	1
10		QUICK RELEASE VALVE - SEE INDEX	2
11	R-2510	NIPPLE - 1/4"	1
12	R-3869	CAPSCREW - 5/16" NC x 5/8"	4
13	C-1538	LOCKWASHER - 5/16"	4
14	C-5769	PIPE PLUG - 1/4"	2
15	SG-3442	TUBE ASSEMBLY - 3/8" x 90"	1
16	R-3188	ELBOW - 1/4" x 90°	5
17	HC-2489	#68 FL. CONNECTOR	3
18	DD-8443	#66 FL. COUPLING	1
19	H-8549	#69 FL. ELL	3
20	SP-1423	HOSE ASSEMBLY - 3/8" x 39"	1
21	SL-6587	HOSE ASSEMBLY - 3/8" x 42"	1
22	SF-4602	STREET TEE - 1/4"	2
23	SL-5641	HOSE ASSEMBLY - 1/4" x 48"	1
	SL-5682	HOSE ASSEMBLY - 1/4" x 54" (Effective with Serial Suffix DP-B only) ..	1
24	SG-6076	ADAPTOR - 1/4" x 1/8"	2
25	R-2404	PIPE TEE - 1/8"	1
26	SG-3443	TUBE ASSEMBLY - 3/8" x 38"	1
27	SL-5647	HOSE ASSEMBLY - 3/8" x 48"	1
28		BRAKE VALVE - SEE INDEX	1
29	R-86	BUSHING - 3/8" x 1/4"	8
30	SF-8798	ELBOW - 1/4" x 45°	1
31	DC-5608	NIPPLE - 1/8"	2
32	SL-5648	HOSE ASSEMBLY - 1/4" x 36"	1
33	SL-5642	HOSE ASSEMBLY - 3/8" x 12"	2
34	S-5823	BUSHING - 1/2" x 1/4"	2
35	SL-5644	HOSE ASSEMBLY - 3/8" x 18"	1
36	SL-5643	HOSE ASSEMBLY - 3/8" x 30"	1
37	CC-9509	NIPPLE - 1/4" x 4"	1
38	SL-6550	HOSE ASSEMBLY - 1/4" x 24"	1
39	S-7182	STREET ELL - 1/4" x 45°	1
40	SL-6578	TUBE ASSEMBLY - 3/8" x 21"	1
41	SL-6579	HOSE ASSEMBLY - 1/4" x 9"	1
42	R-900	STREET ELL - 1/8"	1
43	R-5035	SAFETY VALVE	1
44		UNLOADER VALVE - SEE INDEX	1
45	SG-3441	TUBE ASSEMBLY - 3/8" x 104"	1

NOTE: HOSE & TUBING LENGTHS - LESS FITTINGS

(EFFECTIVE WITH SERIAL SUFFIX DP-A THRU DP-C)

FIG. 898



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 898

PIPING

Ref. No.	Part No.	Description	Qty.
1	SG-7811	STREET ELL - 1/4" x 90°	2
2	SR-4122	HOSE ASSEMBLY - 1/4" x 16"	4
3	SL-5636	ADAPTOR - 1/4" MALE	13
4	SR-4252	HOSE ASSEMBLY - 3/8" x 66"	1
5	S-2916	STREET ELL - 1/4"	12
6	HD-3675	QUICK RELEASE VALVE - SEE INDEX	2
7	DF-4292	PIPE CROSS - 1/4"	1
8	C-5769	PLUG - 1/4"	2
9	R-2510	NIPPLE - 1/4"	1
10	R-3869	CAPSCREW - 5/16" NC x 5/8"	4
11	C-1538	LOCKWASHER - 5/16"	4
12	SR-4242	HOSE ASSEMBLY - 3/8" x 42"	1
13	SG-3442	TUBE ASSEMBLY - 3/8" x 90"	1
14	R-3188	ELBOW - 1/4" x 90°	5
15	HC-2489	#68 FL. CONNECTOR	3
16	DD-8443	#66 FL. COUPLING	1
17	SF-4602	STREET TEE - 1/4"	2
18	SR-4146	HOSE ASSEMBLY - 1/4" x 48"	1
19	SG-6076	ADAPTOR - 1/4" x 1/8"	2
20	SR-4247	HOSE ASSEMBLY - 3/8" x 48"	1
21	SG-3443	TUBE ASSEMBLY - 3/8" x 38"	1
22	H-8549	#69 FL. ELL	3
23	SR-4122	HOSE ASSEMBLY - 1/4" x 16"	2
24	R-86	BUSHING - 3/8" x 1/4"	8
25	SF-8798	ELBOW - 1/4" x 45°	1
26	DC-5608	NIPPLE - 1/8"	2
27	R-2404	TEE - 1/8"	1
28	SR-4438	HOSE ASSEMBLY - 1/4" x 36"	1
29	S-7182	STREET ELL - 1/4" x 45°	2
30	S-5823	BUSHING - 1/2" x 1/4"	2
31	SR-4224	HOSE ASSEMBLY - 3/8" x 18"	1
32	R-900	STREET ELL - 1/8"	2
33	SR-4412	HOSE ASSEMBLY - 1/4" x 9"	1
34	SR-4238	HOSE ASSEMBLY - 3/8" x 36"	1
35	SR-4218	HOSE ASSEMBLY - 3/8" x 12"	1
36		BRAKE VALVE - SEE INDEX	1
37	R-5035	SAFETY VALVE	1
38		UNLOADER VALVE - SEE INDEX	1
39	SR-8371	TUBE - 3/8" x 19"	1
40	SG-3441	TUBE - FUEL SUPPLY - 3/8" x 104"	1
41	SR-4240	HOSE ASSEMBLY - 3/8" x 39"	1
42	SR-4214	HOSE ASSEMBLY - 3/8" x 10"	1
43	SR-4420	HOSE ASSEMBLY - 1/4" x 14"	1
44	SP-2845	ADAPTOR - 1/4" x 1/8"	1
NOT SHOWN			
	H-3167	JIFFY CLAMP - 3/8"	3
	C-5780	NUT - 1/4" NC	10
	SG-5696	JIFFY CLAMP - 1/8"	6
	H-3209	CAT CLIP	3
	SP-6329	JIFFY CLAMP - 3/8"	1
	C-312	LOCKWASHER - 3/8"	1
	C-1601	CAPSCREW - 3/8" NC x 3/4"	1
NOTE: HOSE & TUBING LENGTHS - LESS FITTINGS (EFFECTIVE WITH SERIAL SUFFIX DP-D THRU DP-J, DP-L & DP-M)			

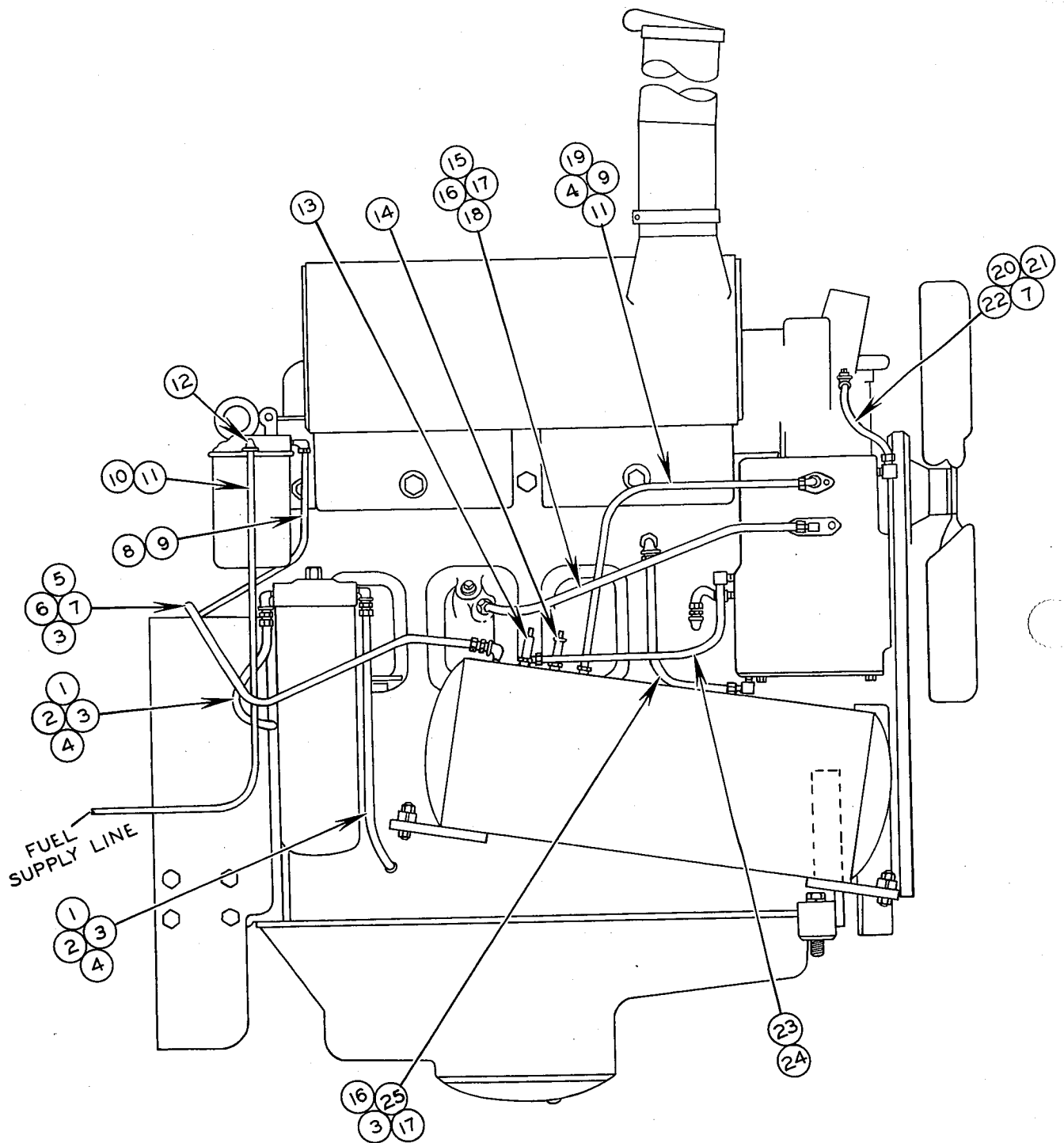


FIG. 899

(GM)

ENGINE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 899

ENGINE PIPING - GM

Ref. No.	Part No.	Description	Qty.
1	TF-4122	HOSE ASSEMBLY - 1/4" x 18"	2
2	TD-9719	ADAPTOR	2
3	S-2916	STREET ELL - 1/4" x 90°	5
4	R-86	BUSHING - 3/8" x 1/4"	3
5	TF-4245	HOSE ASSEMBLY - 3/8" x 48"	1
6	TD-9720	ADAPTOR	2
7	SF-4602	STREET TEE - 1/4"	2
8	SG-3443	TUBE ASSEMBLY - 3/8" x 38"	1
9	H-8549	#69 FLEX ELL	2
10	SG-3441	TUBE ASSEMBLY - 3/8" x 104" - FUEL SUPPLY	1
11	HC-2489	#68 FLEX CONNECTOR	2
12	R-3188	ELBOW - 1/4" x 90°	1
13	SL-3279	UNLOADER VALVE - SEE INDEX	1
14	SR-1606	SAFETY VALVE	1
15	TF-4224	HOSE ASSEMBLY - 3/8" x 20"	1
16	TD-5556	ADAPTOR - 90°	1
17	S-5823	BUSHING - 1/2" x 1/4"	2
18	S-7182	STREET ELL - 1/4" x 45°	1
19	SR-8371	TUBE ASSEMBLY - 3/8" x 19"	1
20	TF-4214	HOSE ASSEMBLY - 3/8" x 14"	1
21	C-5769	PIPE PLUG - 1/4"	1
22	TD-5557	ADAPTOR - 90°	1
23	TF-4422	HOSE ASSEMBLY - 1/4" x 18"	1
24	TD-9747	ADAPTOR - 90°	1
25	TF-4218	HOSE ASSEMBLY - 3/8" x 14"	1
		NOT SHOWN	
	TF-4147	HOSE ASSEMBLY - 1/4" x 51"	1
	TD-9723	ADAPTOR	2
	TD-9719	ADAPTOR	1
	TF-4141	HOSE ASSEMBLY - 1/4" x 42"	1
	TD-9718	ADAPTOR	1
	TF-4239	HOSE ASSEMBLY - 3/8" x 39"	1
	TD-9743	ADAPTOR	1
	TD-9720	ADAPTOR	1
	S-7182	STREET ELL - 1/4" x 45°	2
	R-86	BUSHING - 3/8" x 1/4"	1
	SP-6329	JIFFY CLAMP - 3/8"	1
	C-1601	CAPSCREW - 3/8" NC x 3/4"	1
	C-312	LOCKWASHER - 3/8"	1
	SD-5200	CAP - 3/8"	1
	R-2510	NIPPLE - 1/4"	1
	SC-4947	REDUCER COUPLING - 1/2" x 1/4"	1
	C-5780	NUT - 1/4" NC	6
	SG-5696	JIFFY CLAMP - 1/8"	6
	H-3209	CAT CLAMP	2
	TF-4116	HOSE ASSEMBLY - 1/4" x 16" (Comp. to Oil Inlet)	1
	TD-9746	ADAPTOR - 90°	1
	TF-4118	HOSE ASSEMBLY (Engine to Oil Filter - Out)	1
	SG-3442	TUBE ASSEMBLY - FUEL RETURN	1
	R-3188	ELBOW - 1/4" x 90°	2
	HC-2489	#68 FLEX CONNECTOR	1
	DD-8443	#66 FLEX COUPLING	1
	H-8549	#69 FLEX ELL	1
	S-2916	STREET ELL - 1/4" x 90°	5

(EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N THRU DP-R, DPS, DPF2 THRU DPF2-J & DPA2 THRU DPA2-G)

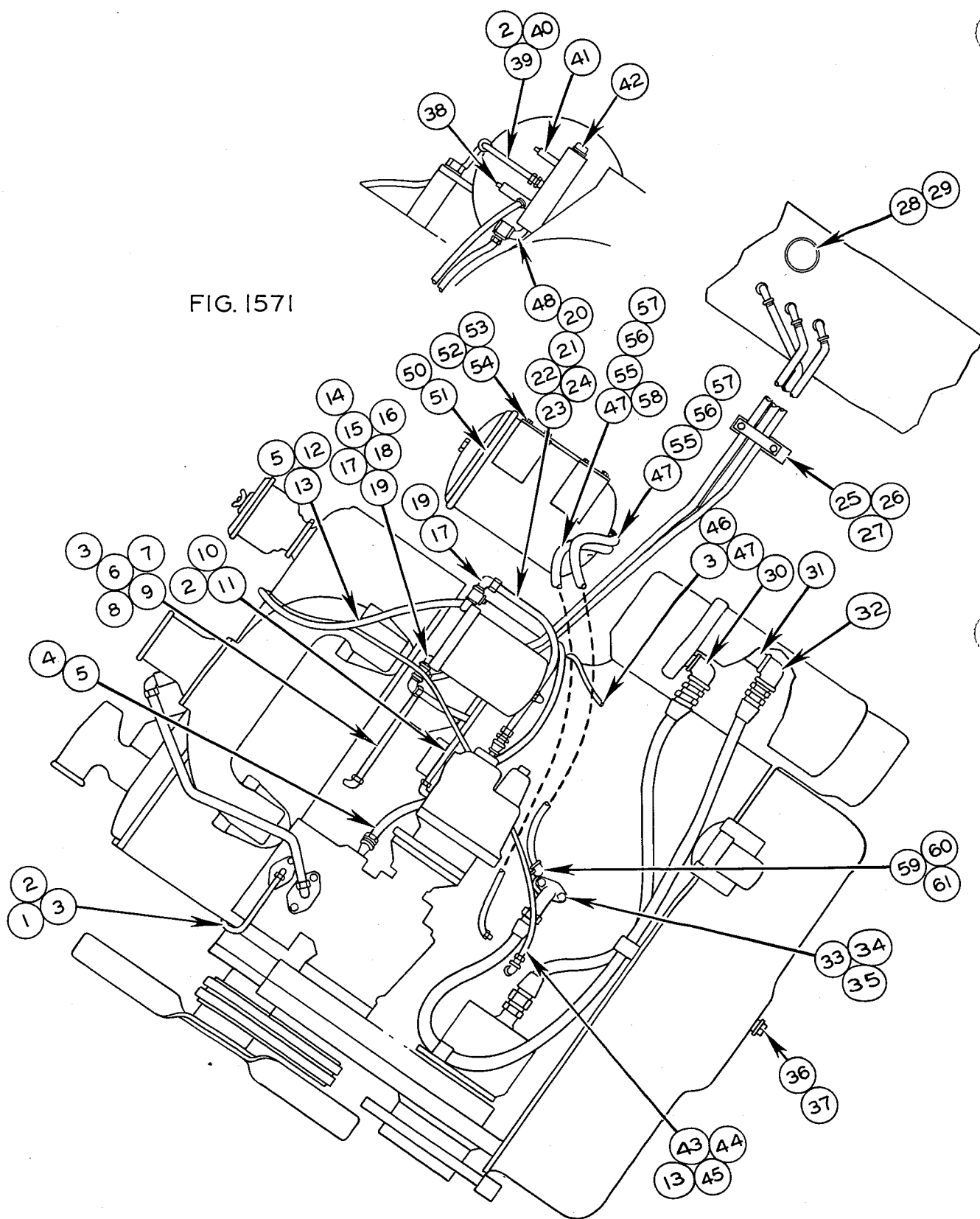


FIG. 1571

(CUMMINS)
PIPING - ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1571

PIPING - CUMMINS ENGINE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TC-3828	Tube Assembly - 3/8" x 31"	1	31	DH-4313	Pipe - 3/4" npt x 4 1/2"	1
	R-5115	Nut	2	32	DC-4976	Ell, Street - 3/4" npt x 90°	1
	R-7013	Sleeve	2	33	TD-8067	Spacer	1
2	H-8549	Ell, Flex #68	3	34	TD-8068	Gasket	2
3	R-86	Bushing - 3/8" npt x 1/4" npt	3	35	C-5804	Capscrew - 3/8" nf x 2 1/2"	2
4	TF-4440	Hose Assembly - 1/4" x 42"	1	36	R-1362	Ell, Street - 1" npt x 90°	1
5	TD-9719	Adaptor	2	37	H-6881	Plug, Pipe - 1" npt	1
6	TC-3825	Tube Assembly - 1/2" x 99"	1	38	SL-3279	Valve, Compressor Unloader (See Index)	1
	SD-4992	Nut	2				
	SD-4990	Sleeve	2	39	TC-3827	Tube Assembly - 3/8" x 8"	1
7	SP-8127	Elbow - Body Only	1		R-5115	Nut	2
8	SP-2837	Clamp	1		R-7013	Sleeve	2
9	DC-2361	Nipple - 1/4" npt x 2"	1	40	HC-2487	Connector, Flex #68	1
10	TC-3824	Tube Assembly - 3/8" x 95"	1	41	SR-1606	Valve, Safety	1
	R-5115	Nut	2	42	C-5769	Plug, Pipe - 1/4" npt	2
	R-7013	Sleeve	2	43	TF-4153	Hose Assembly - 1/4" x 66"	1
11	SF-4810	Elbow, Flex #70	1	44	TD-9718	Adaptor	1
12	TF-4147	Hose Assembly - 1/4" x 51"	1	45	R-900	Ell, Street - 1/8" npt x 90°	1
13	TD-9723	Adaptor	2	46	TF-4235	Hose Assembly - 3/8" x 33"	1
14	TC-3823	Tube Assembly - 5/8" x 99"	1	47	TD-9720	Adaptor	4
	SD-2596	Nut	2	48	S-2916	Ell, Street - 1/4" npt x 90°	1
	SD-2593	Sleeve	2	49	SF-4602	Tee, Street - 1/4" npt	1
15	SF-5249	Elbow	1	50	SL-9331	Filter, Oil (See Index)	1
16	CC-6128	Elbow, Flex #69	1	51	SH-7793	Bracket, Mount	1
17	E-2577	Tee - 1/2" npt	2	52	C-1602	Capscrew - 3/8" - 16 nc x 1"	10
18	E-2579	Nipple, Close - 1/2" npt	1	53	C-312	Lockwasher - 3/8"	10
19	C-5771	Plug, Pipe - 1/2" npt	2	54	C-1521	Nut - 3/8" - 16 nc	10
20	TC-3826	Tube Assembly - 5/8" x 15"	1	55	TF-4251	Hose Assembly - 3/8" x 60"	2
	SD-2596	Nut	2	56	S-5823	Bushing - 1/2" npt x 1/4" npt	2
	SD-2593	Sleeve	2	57	TD-5556	Adaptor, Male - 90°	2
21	CC-6128	Elbow, Flex #69	1	58	S-7182	Elbow - 1/4" npt x 45°	1
22	SC-4948	Bushing - 1/2" npt x 3/8" npt	1	59	DC-5624	Elbow - 1/8" npt x 1/4" npt	1
23	HC-1581	Nipple, Close - 3/8" npt	1	60	R-2404	Tee - 1/8" npt	1
24	HC-2487	Connector, Flex #68	1	61	DC-5608	Nipple, Close - 1/8" npt	1
25	TC-4368	Bracket, Mount	1			Not Shown	
26	SP-2837	Clamp	1		HC-1851	Cock, Drain	1
27	C-5780	Nut - 1/4" nc	1		SP-6329	Clamp, Jiffy - 3/8"	2
28	SR-2586	Breather	1		C-1601	Capscrew - 3/8" - 16 nc x 3/4" ..	1
29	C-3393	Coupling - 3/8" npt	1		H-3166	Clamp, Jiffy - 1/4"	1
30	F-6769	Ell, Street - 3/4" npt x 90°	1		H-3167	Clamp, Jiffy - 3/8"	4

(Effective With Serial Suffix DP-K, DP-N thru DP-R, DPF2 & Up)

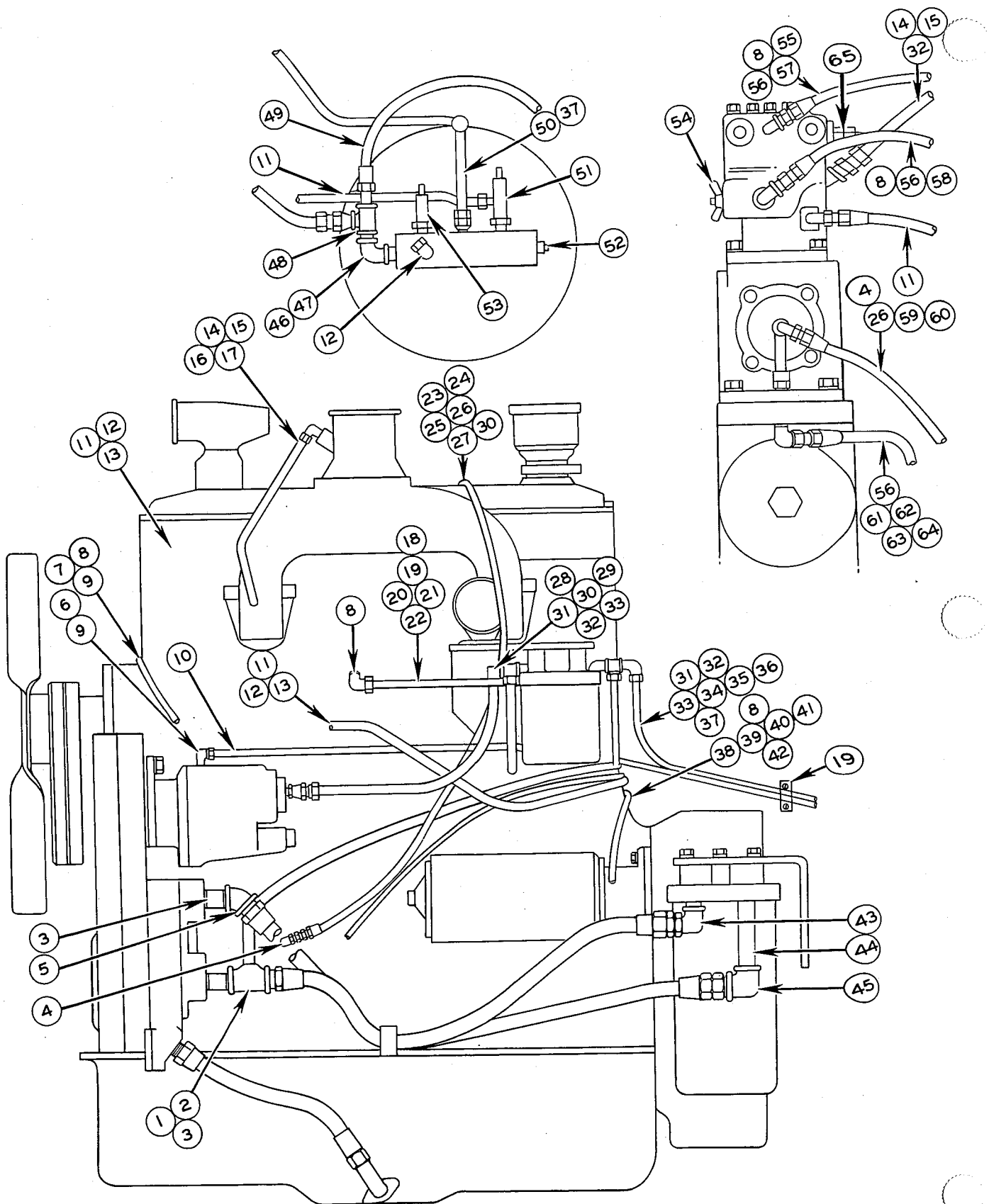


FIG. 1741
PIPING-CUMMINS ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

GURE 1741

PIPING CUMMINS ENGINE

ef. o.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	SD-5168	Tee, Pipe - 3/4"	1	38	TF-4235	Hose Assembly - 3/8" x 33" ...	1
	SD-5208	Bushing, Reducing - 3/4" x 1/2" .	1	39	TD-9720	Adaptor, Straight	2
	SD-5203	Nipple, Close - 3/4"	2	40	SF-4602	Tee, Street - 1/4"	2
	R-2404	Tee, Pipe - 1/8"	1	41	S-2916	Ell, Street - 1/4" x 90° ...	2
	R-2986	Elbow, Pipe - 3/4" x 45° ..	1	42	SP-6329	Clamp, Jiffy - 3/8"	2
	SF-4810	Elbow	2	43	F-6769	Ell, Street - 3/4" x 90° ...	1
	TF-8959	Tube Assembly - 3/8" x 53" ..	1	44	DH-4313	Nipple, Pipe - 3/4" x 4 1/2" ...	1
	R-5115	Nut	2	45	DC-4976	Elbow, Pipe - 3/4" x 90° ...	1
	R-7013	Sleeve	2	46	R-3188	Elbow, Pipe - 1/4" x 90° ...	1
	R-86	Bushing, Reducing - 3/8" x 1/4" .	5	47	R-2510	Nipple, Close - 1/4"	1
	H-8549	Elbow, Tube	3	48	R-2508	Tee, Pipe - 1/4"	1
	TF-5142	Tube Assembly - 3/8" x 100" ..	1	49	TF-4220	Hose Assy. - 3/8" x 16" - to Moist. Trap	1
	R-5115	Nut	2	50	TC-3827	Tube Assembly - 3/8" x 8" ...	1
	R-7013	Sleeve	2		R-5115	Nut	2
	TF-4448	Hose Assembly - 1/4" x 58" ..	1		R-7013	Sleeve	2
	TD-9747	Adaptor	2	51	SL-3279	Valve, Compressor Unloader	
	SP-7846	Clamp, Hose	2			(See Index) ...	1
	TF-4334	Hose Assembly - 1/2" x 33" ..	1	52	C-5769	Plug, Pipe - 1/4"	1
		Compressor Air Intake ..	1	53	SR-1606	Valve, Safety	1
	SC-4970	Elbow, Pipe - 1/2" x 90° ..	1	54	SP-3494	Cock, Drain	1
	DG-2527	Clamp, Hose	1	55	TF-4232	Hose Assy. - 3/8" x 30" - Water	
	TD-9721	Adaptor, Straight	1			Return - Comp. to Engine ...	1
	TC-3825	Tube Assembly - 1/2" x 99" ..	1	56	TD-5557	Adaptor - 90°	3
	SD-4992	Nut	2	57	SD-5163	Street Ell - 3/8" x 45°	1
	SD-4990	Sleeve	2	58	TF-4228	Hose Assembly - 3/8" x 24" -	
	SP-2837	Clamp, Tube	2			Compressor Water Inlet	1
	SP-8127	Fitting - 1/2"	2	59	TF-4428	Hose Assembly - 1/4" x 24" -	
	H-3166	Clamp, Jiffy	1			Compressor Oil Intake ...	1
	DC-2361	Nipple, Pipe - 1/4" x 2" ..	1	60	TD-9746	Adaptor - 90°	1
	TF-4151	Hose Assembly - 1/4" x 60" ..	1	61	TF-4230	Hose Assembly - 3/8" x 27" -	
		Oil Pressure Gage to Tee ..	1			Compressor Oil Return ...	1
	TD-9723	Adaptor, Straight	2	62	H-3018	Bushing, Reducing - 1/2" x 3/8" .	1
	TD-9718	Adaptor, Straight	1	63	S-5823	Bushing, Reducing - 1/2" x 1/4" .	3
	DC-5608	Nipple, Close - 1/8"	3	64	H-3209	Clamp, Hose	1
	TD-9196	Elbow, Pipe - 1/8" x 45° ..	1	65	SF-4802	Flange	1
	TF-5146	Tube Assembly - 5/8" x 88 ..	1			Not Shown	
	SD-2596	Nut	2		TF-4235	Hose Assembly - 3/8" x 33" -	
	SD-2593	Sleeve	2			Moisture Trap to Treadle Valve	1
	SF-5249	Fitting, Female - 5/8"	1	R-1362	Street Ell - 1" x 90°	1	
	H-3167	Clamp, Jiffy - 3/8"	4	H-6881	Plug, Pipe - 1"	1	
	E-2577	Tee - 1/2"	3	C-5780	Nut - 1/4" nc	7	
	E-2579	Nipple, Close - 1/2"	5	C-5774	Lockwasher - 1/4"	7	
	CC-6128	Fitting, Male - 5/8"	2	C-1601	Capscrew - 3/8" nc x 3/4" ...	1	
	TF-5144	Tube Assembly - 5/8" x 9" ..	1	C-312	Lockwasher - 3/8"	1	
	SD-2596	Nut	2	C-3393	Coupling, Pipe - 3/8"	1	
	SD-2593	Sleeve	2	SR-2586	Breather	1	
	SC-4948	Bushing, Reducing - 1/2" x 3/8" .	1	R-900	Street	1	
	HC-1581	Nipple, Close - 3/8"	1	SF-8798	Street Ell - 1/8" x 45°	1	
	HC-2487	Connector - #68	1				

(EFFECTIVE WITH SERIAL SUFFIX DPF2-D ONLY)

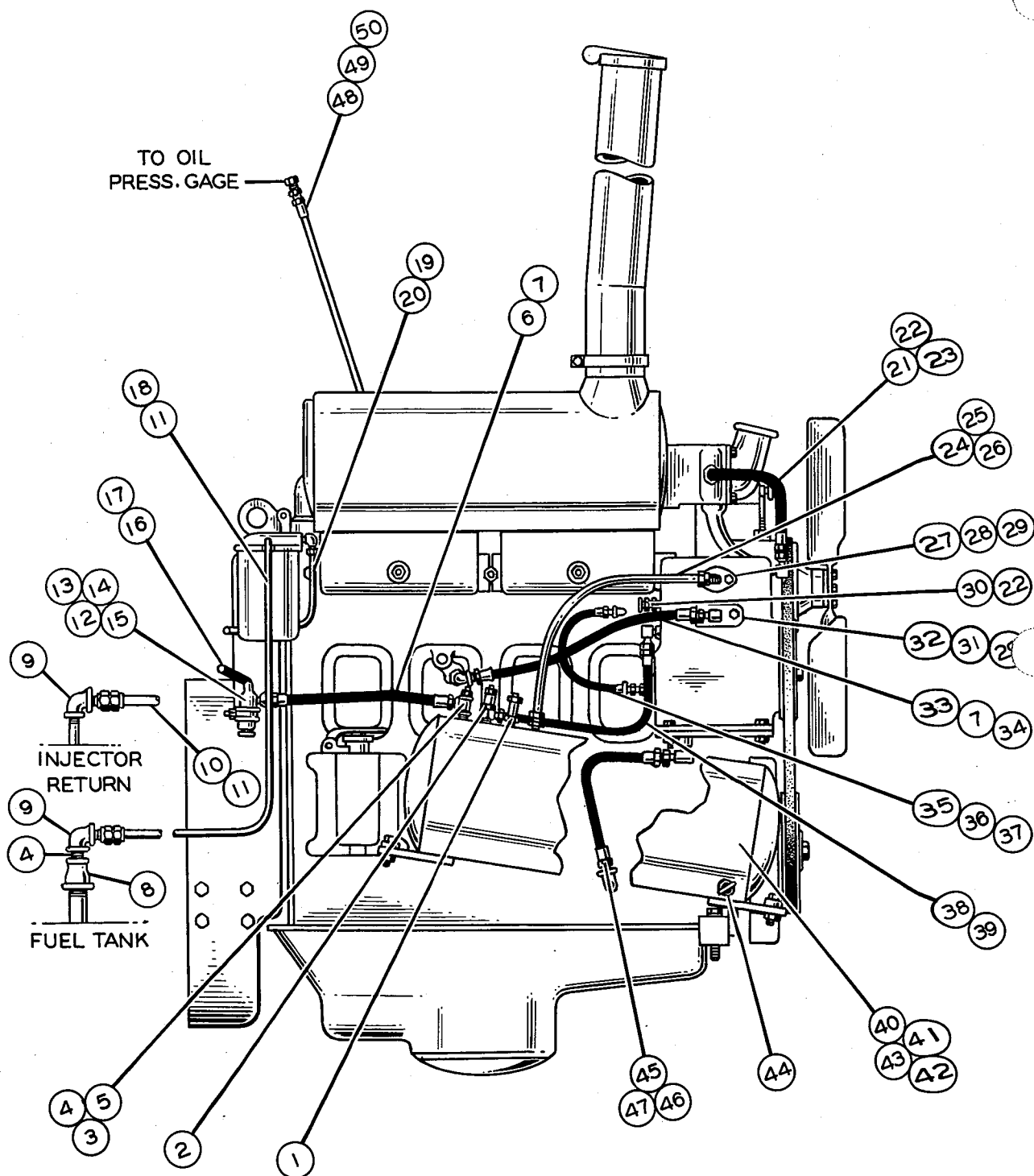


FIG. 2462

PIPING-ENGINE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2462

PIPING - ENGINE (G.M.)

Ref. No.	Part No.	Description	Qty.
1	SR-1606	VALVE, SAFETY	1
2	SL-3279	VALVE, UNLOADER (See Index)	1
3	R-2508	TEE, PIPE - 1/4"NPT	1
4	R-2510	NIPPLE - 1/4"NPT	2
5	C-5769	PLUG, PIPE - 1/4"NPT	1
6	TF-4220	HOSE ASSEMBLY - 3/8" x 16"	1
7	TD-5556	ELBOW - 1/4"NPT x 9/16" - 18NF x 90°	2
8	SC-4947	COUPLING, REDUCING - 1/2"NPT x 1/4"NPT	1
9	R-3188	ELBOW - 1/4"NPT x 90°	3
10	SG-3442	TUBE ASSEMBLY - FUEL RETURN	1
11	HC-2489	CONNECTOR, TUBE	3
12	DH-5178	AIR CLEANER (See Index)	1
13	SP-6074	"U" CLAMP	1
14	C-5774	WASHER, LOCK - 1/4"	2
15	C-5780	NUT - 1/4" - 20NC	2
16	TF-4235	HOSE ASSEMBLY - 3/8" x 33"-AIR CLEANER TO TREADLE VALVE	1
17	TD-9720	ADAPTOR - 1/4"NPT x 9/16" - 18NF	2
18	SG-3441	TUBE ASSEMBLY - FUEL SUPPLY	1
19	SG-3443	TUBE ASSEMBLY - FUEL STRAINER TO PUMP	1
20	H-8549	ELBOW - 1/4"NPT x 3/8" x 90°	2
21	TF-4214	HOSE ASSEMBLY - 3/8" x 12"	1
22	R-86	BUSHING, REDUCING - 1/4" x 3/8"	2
23	TD-5557	ELBOW - 3/8"NPT x 9/16" - 18NF x 90°	1
24	VC-5264	TUBE ASSEMBLY - COMPRESSOR TO TANK	1
25	HC-2477	ELBOW - 3/8"NPT x 1/2" x 90°	1
26	HC-2488	CONNECTOR, TUBE - 3/8"NPT x 1/2"	1
27	SF-4802	FLANGE, COMPRESSOR	1
28	C-1598	SCREW, CAP - 5/16" - 18NF x 1"	2
29	C-1538	WASHER, LOCK - 5/16"	4
30	SP-3494	COCK, DRAIN - 1/4"	1
31	SR-8368	FLANGE, COMPRESSOR	1
32	E-4538	SCREW, CAP - 5/16" - 18NF x 7/8"	2
33	TF-4226	HOSE ASSEMBLY - 3/8" x 22"	1
34	S-5823	BUSHING, REDUCING - 1/2"NPT x 1/4"NPT	1
35	TF-4414	HOSE ASSEMBLY - 1/4" x 12"	1
36	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20NF	1
37	R-900	ELL, STREET - 1/8" x 90°	1
38	TF-4420	HOSE ASSEMBLY - 1/4" x 16"	1
39	TD-9747	ADAPTOR - 1/4"NPT x 1/2" - 20NF x 90°	1
40	VC-5263	TANK, AIR	1
41	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2"	2
42	C-312	WASHER, LOCK - 3/8"	2
43	C-1521	NUT - 3/8" - 16NC	2
44	TR-948	COCK, DRAIN	1
45	TF-4218	HOSE ASSEMBLY - 3/8" x 14"	1
46	S-2916	ELL, STREET - 1/4" x 90°	1
47	TD-5555	ADAPTOR - 1/2"NPT x 9/16" - 18NF x 90°	1
48	TF-4141	HOSE ASSEMBLY - 1/4" x 42" - ENGINE TO OIL PRESSURE GAGE	1
48	TD-9723	ADAPTOR - 1/8"NPT x 1/2" - 20NF	1
50	TD-9746	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
		NOT SHOWN	
	TF-4435	HOSE ASSEMBLY - 3/8" x 33"(Air Compressor Water Return)	1
	TD-5557	ADAPTOR - 3/8"NPT x 9/16" - 18NF x 90°	1
	SG-5696	CLAMP, JIFFY	7
	C-5780	NUT - 1/4" - 20NC	7
	H-3209	CLAMP, HOSE	1
	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	1
	C-312	WASHER, LOCK - 3/8"	1

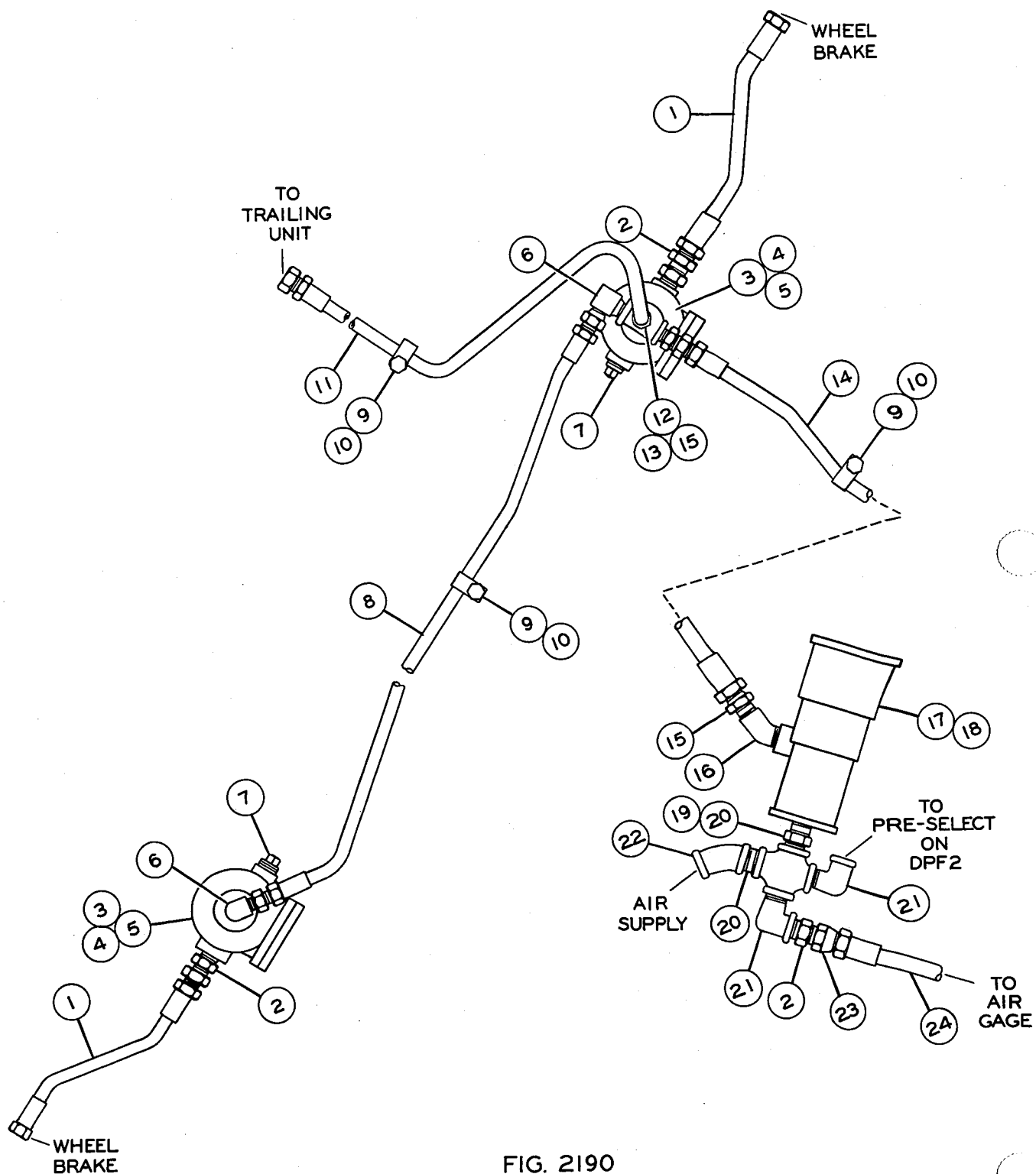


FIG. 2190

PIPING - PULL BRAKES

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2190

PIPING - 'PULL BRAKES

Ref. No.	Part No.	Description	Qty.
	TF-4220	HOSE ASSEMBLY - 3/8" x 16" *	2
1	TF-4214	HOSE ASSEMBLY - 3/8" x 12" **	2
2	TD-9720	ADAPTOR, STRAIGHT - 1/4" NPT x 9/16" - 18 (**Qty.3)	5
3		VALVE, QUICK RELEASE (See Index)	2
4	R-3869	CAPSCREW - 5/16" - 18NC x 5/8"	4
5	C-1538	LOCKWASHER - 5/16"	4
6	TD-5557	ADAPTOR - 3/8" NPT x 9/16" - 18 x 90°	2
7	C-5769	PLUG, PIPE - 1/4"NPT	3
8	TF-4241	HOSE ASSEMBLY - 3/8" x 42"	1
9	H-3167	CLAMP, HOSE	4
10	C-5780	NUT - 1/4" - 20NC	4
11	TF-4253	HOSE ASSEMBLY - 3/8" x 66"	1
12	HC-1581	NIPPLE, CLOSE - 3/8" NPT	1
13	HD-6839	CROSS, PIPE - 3/8" NPT	1
14	TF-4249	HOSE ASSEMBLY - 3/8" x 54"	1
15	TD-9743	ADAPTOR - 3/8" NPT x 9/16" - 18NF	2
16	TH-3572	ADAPTOR - 3/8" NPT x 9/16" - 18NF **	1
17	SL-9943	VALVE, FOOT BRAKE (See Index)	1
18	C-5770	PLUG, PIPE - 3/8" NPT	1
19	R-86	BUSHING - 3/8" x 1/4" NPT	1
20	R-2510	NIPPLE, CLOSE - 1/4" NPT	2
21	S-2916	ELL, STREET - 1/4" NPT x 90°	2
22	SD-5178	ELL - 1/4" NPT x 45°	1
23	TD-9723	ADAPTOR - 1/8" NPT x 1/2" - 20 NF	1
24	TF-4145	HOSE ASSEMBLY - 1/4" x 48"	1
NOTE: * EFFECTIVE THRU SERIAL SUFFIX DPF2-H, DPA2-F.			
** EFFECTIVE WITH SERIAL SUFFIX DPF2-J, DPA2-G.			
(EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N THRU DP-R, DPS, DPF2 THRU DPF2-J & DPA 2 THRU DPA2-G)			

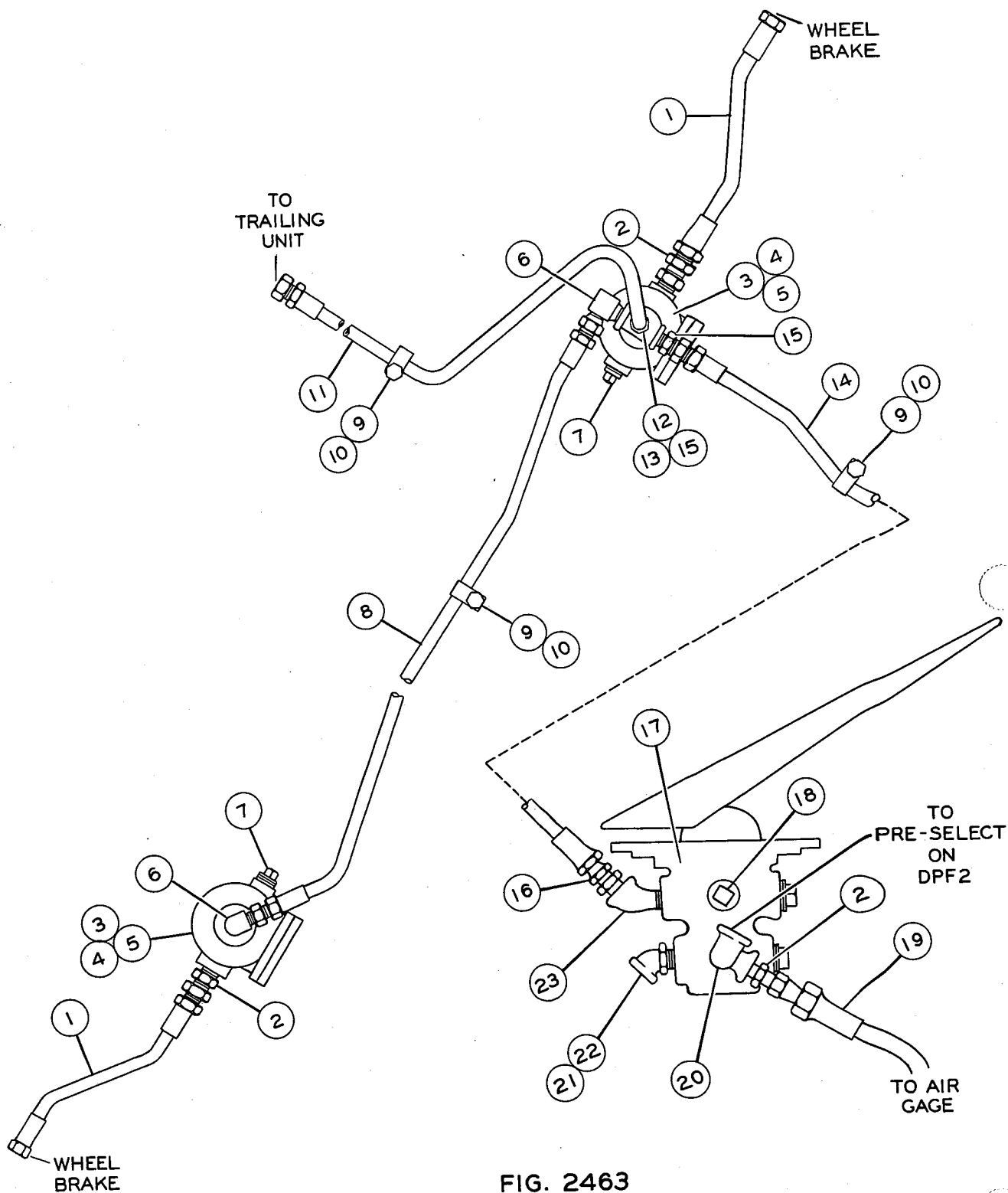


FIG. 2463
PIPING-PULL BRAKES

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2463

PIPING - 'PULL BRAKES

Ref. No.	Part No.	Description	Qty.
1	TF-4214	HOSE ASSEMBLY - 3/8" x 12"	2
2	TD-9720	ADAPTOR, STRAIGHT - 1/4"NPT x 9/16" - 18	3
3		VALVE, QUICK RELEASE (See Index)	2
4	R-3869	CAPSCREW - 5/16" - 18NC x 5/8"	4
5	C-1538	LOCKWASHER - 5/16"	4
6	TD-5557	ADAPTOR - 3/8"NPT x 9/16" - 18 x 90°	2
7	C-5769	PLUG, PIPE - 1/4"NPT	3
8	TF-4241	HOSE ASSEMBLY - 3/8" x 42"	1
9	H-3167	CLAMP, HOSE	4
10	C-5780	NUT - 1/4" - 20NC	4
11	TF-4253	HOSE ASSEMBLY - 3/8" x 66"	1
12	HC-1581	NIPPLE, CLOSE - 3/8"NPT	1
13	HD-6839	CROSS, PIPE - 3/8"NPT	1
14	TF-4249	HOSE ASSEMBLY - 3/8" x 54"	1
15	TD-9743	ADAPTOR - 3/8"NPT x 9/16" - 18NF	2
16	TG-596	ADAPTOR - 1/2"NPT x 9/16" - 18NF	1
17	VF-6236	VALVE, FOOT BRAKE (See Index)	1
18	C-5771	PLUG, PIPE - 1/2"NPT	4
19	TF-4147	HOSE ASSEMBLY - 1/4" x 51"	1
20	S-2916	ELL, STREET - 1/4"NPT x 90°	2
21	S-7187	ELL - 1/4"NPT x 45°	1
22	S-5823	BUSHING, REDUCING - 1/2" x 1/4"	1
23	R-5016	ELL, STREET - 1/2"NPT x 45°	1
(EFFECTIVE WITH SERIAL SUFFIX DPA2-H & DPF2-K)			

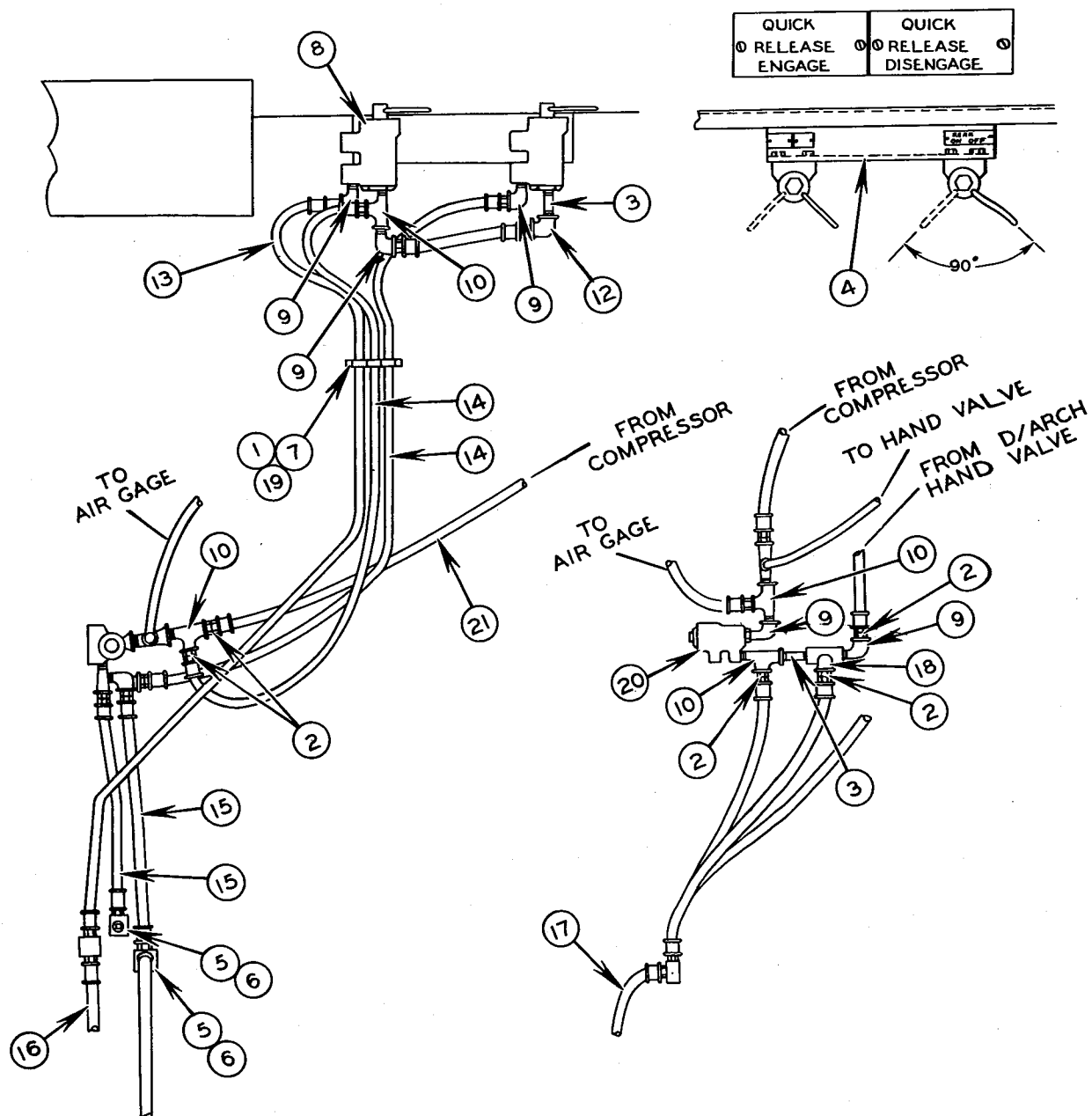


FIG. 901

USED WITH D/ARCH
PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 901

HAND BRAKE VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	SH-7743	INSULATOR	2
2	SL-5636	ADAPTOR - 1/4" MALE	7
3	SG-6077	NIPPLE - 1/4" CLOSE	2
4	SH-9907	VALVE BRACKET	1
5	SG-6758	JUNCTION BLOCK	2
6	C-5769	PIPE PLUG - 1/4"	2
7	C-5780	NUT - 1/4" NC	2
8	CD-1633	HAND VALVE - SEE INDEX	2
9	S-2916	STREET ELL - 1/4" x 90°	4
10	SF-4602	STREET TEE - 1/4"	4
11	SL-7007	HOSE ASSEMBLY - 1/4" x 6"	1
12	R-3188	ELBOW - 1/4" x 90°	1
13	SL-7251	HOSE ASSEMBLY - 3/8" x 78"	1
14	SL-5645	HOSE ASSEMBLY - 3/8" x 48"	2
15	SL-6587	HOSE ASSEMBLY - 3/8" x 42"	2
16	SL-7273	HOSE ASSEMBLY - 3/8" x 96"	1
17	SL-5646	HOSE ASSEMBLY - 3/8" x 66"	1
18	DD-9468	CHECK VALVE	1
19	H-3167	JIFFY CLAMP	4
20		BRAKE VALVE - SEE INDEX	1
21		HOSE ASSEMBLY (See T/Pull Piping)	1
NOTE: HOSE LENGTHS - LESS FITTINGS			
(USED WITH D LOGGING ARCH)			
(EFFECTIVE THRU SERIAL SUFFIX DP-J, DP-L & DP-M)			

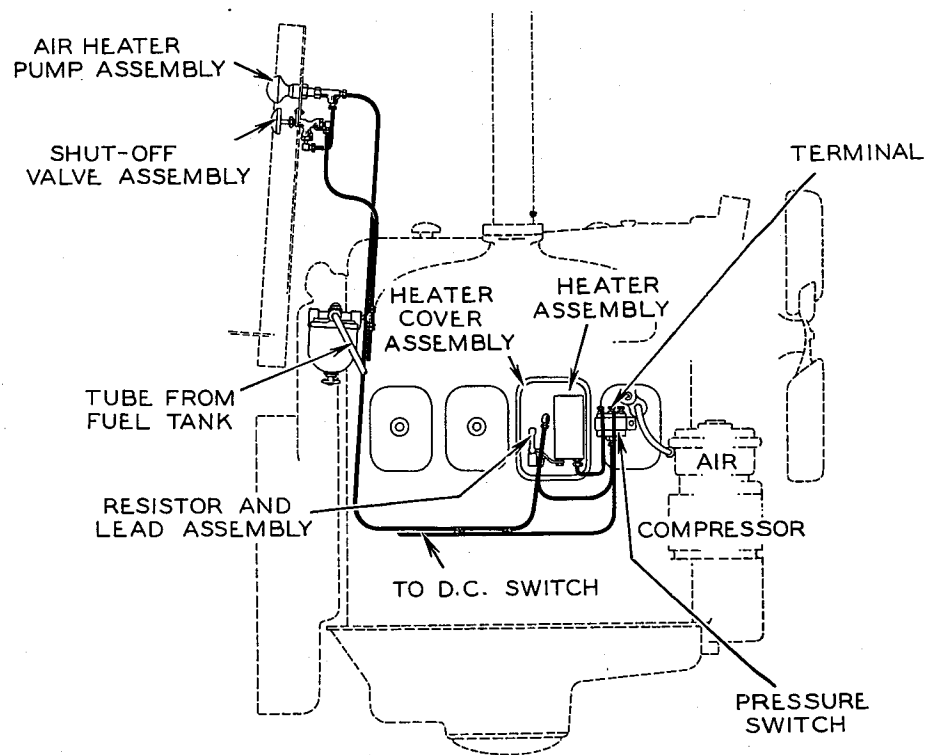


FIG. 2478 A
AIR HEATER

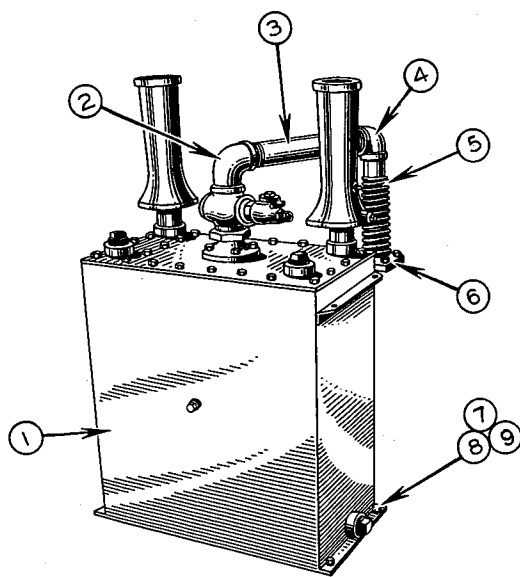


FIG. 2478 B
EXHAUST GAS CONDITIONER

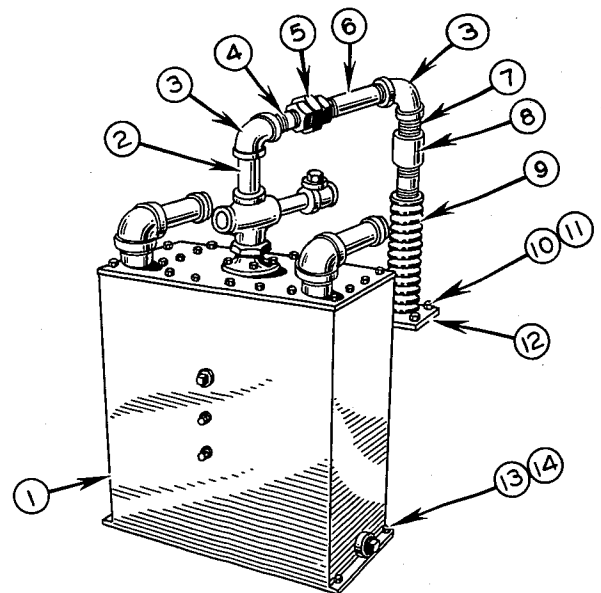


FIG. 2478 C
EXHAUST GAS CONDITIONER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2478A

AIR HEATER

Ref. No.	Part No.	Description	Qty.
		USED WITH GM ENGINES ONLY	
		CONTACT FACTORY FOR REPLACEMENT PARTS	
		OPTIONAL	

FIGURE 2478B

EXHAUST GAS CONDITIONER - OPTIONAL

1	SP-6811	EXHAUST CONDITIONER	1
2	SP-8308	STREET ELL	1
3	SP-8347	PIPE	1
4	SP-8348	ELBOW	1
5	SP-8311	EXHAUST HOSE	1
6	SP-8349	EXHAUST FLANGE	1
7	C-1613	CAPSCREW	4
8	C-1540	LOCKWASHER	4
9	C-1523	NUT	4
		NOT SHOWN	
	SR-3285	GASKET	1
	SR-3282	MANIFOLD	1
	DH-4265	GASKET	2
	SR-3283	STUD	5
	DH-4774	WASHER	5
	DH-4775	NUT	5
	SR-3284	NUT	9
	DH-4279	STUD	4
	SR-3286	PIPE PLUG	1
	TC-3808	HOOD	1

FIGURE 2478C

EXHAUST GAS CONDITIONER - VD-7076

1	SP-6811	CONDITIONER, EXHAUST	1
2	TL-709	NIPPLE, PIPE - 2 1/2"NPT x 9"	1
3	SP-8348	ELBOW, PIPE - 2 1/2"NPT x 90°	2
4	TH-6149	NIPPLE, PIPE - 2 1/2"NPT x 4 1/2"	1
5	TL-708	UNION, PIPE - 2 1/2"NPT	1
6	TL-707	NIPPLE, PIPE - 2 1/2"NPT x 12"	1
7	TG-4845	NIPPLE, PIPE - 2 1/2"NPT x 3 1/2"	1
8	S-7081	COUPLING, PIN - 2 1/2"NPT	1
9	SP-8311	HOSE, EXHAUST	1
10	SR-3284	NUT, BRASS	4
11	DH-4279	STUD	4
12	SP-8349	FLANGE, EXHAUST	1
13	C-1615	SCREW, CAP - 1/2" - 13NC x 1 3/4"	4
14	C-1540	WASHER, LOCK - 1/2"	4
15	C-1523	NUT - 1/2" - 13NC	4
		NOT SHOWN	
	SR-3282	MANIFOLD	1
	SR-3285	GASKET	1
	HD-5490	FILTER EXTENSION, OIL	1
	SR-3286	PLUG, PIPE	1
	VD-7075	HOOD	1
		(OPTIONAL)	

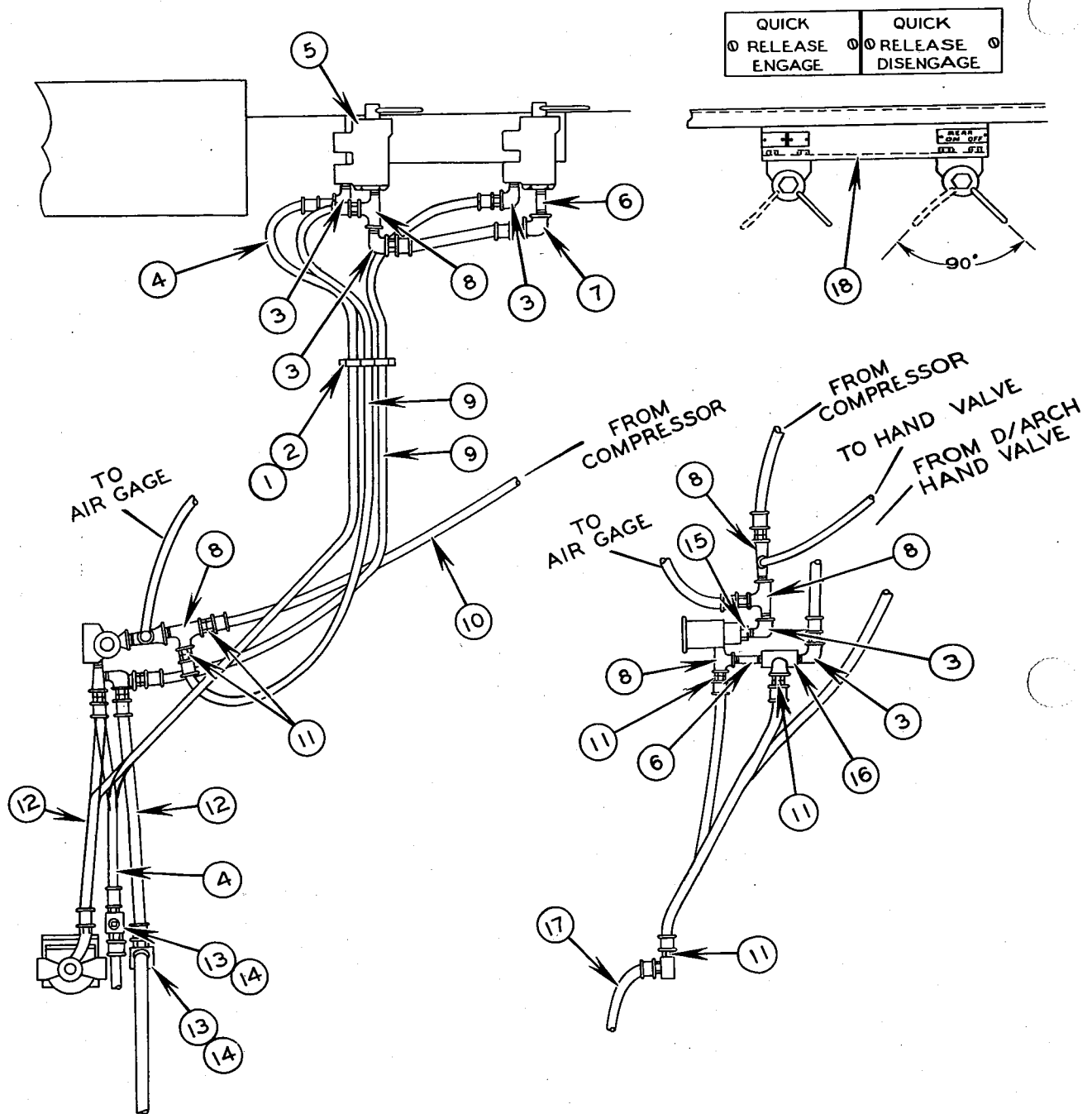


FIG. 908 -

USED WITH D/ARCH
HAND BRAKE VALVE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 908

HAND BRAKE VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	H-3167	JIFFY CLAMP	4
2	C-5780	NUT - 1/4" NC	2
3	S-2916	STREET ELL - 1/4" x 90°	8
4	TF-4263	HOSE ASSEMBLY - 3/8" x 96"	1
5	CD-1633	HAND VALVE - SEE INDEX	2
6	SG-6077	NIPPLE	2
7	R-3188	ELBOW - 1/4" x 90°	1
8	SF-4602	STREET TEE - 1/4"	4
9	TF-4245	HOSE ASSEMBLY - 3/8" x 48"	2
10		HOSE ASSEMBLY - SEE T/PULL PIPING	1
11	TD-9720	ADAPTOR	12
12	TF-4243	HOSE ASSEMBLY - 3/8" x 45"	2
13	SG-6758	JUNCTION BLOCK	2
14	C-5769	PIPE PLUG - 1/4"	4
15	R-86	BUSHING - 3/8" x 1/4"	1
16	DD-9468	CHECK VALVE	1
17	TF-4253	HOSE ASSEMBLY - 3/8" x 66"	1
18	SH-9907	MOUNT BRACKET	1
		NOT SHOWN	
	SL-7291	RUBBER CHANNEL	1
(USED WITH D ARCH)			
(EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N & UP)			

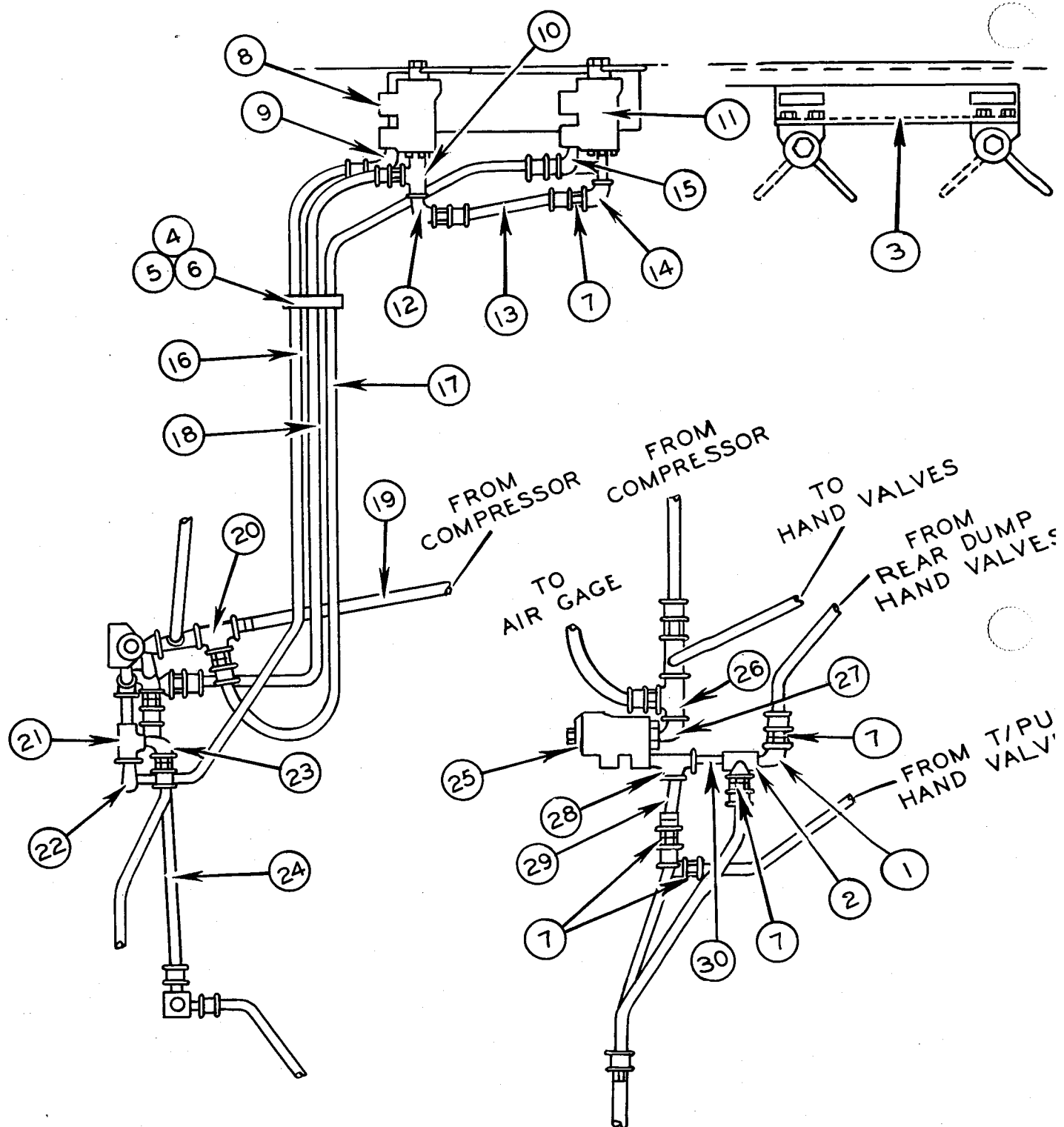


FIG. 909

PIPING

FIGURE 909

HAND BRAKE VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	S-2916	STREET ELL - 1/4" x 90°	1
2	DD-9468	CHECK VALVE	2
3	SH-9907	BRACKET	1
4	H-3167	JIFFY CLAMP	3
5	C-5780	NUT - 1/4" NC	2
6	SH-7743	INSULATOR	2
7	SL-5636	ADAPTOR - 1/4" MALE	7
8	CD-1633	HAND VALVE - SEE INDEX	1
9	S-2916	STREET ELL - 1/4" x 90°	1
10	SF-4602	STREET TEE - 1/4"	1
11	CD-1633	HAND VALVE - SEE INDEX	1
12	S-2916	STREET ELL - 1/4" x 90°	1
13	SL-7007	HOSE ASSEMBLY - 1/4" x 6"	1
14	R-3188	ELBOW - 1/4" x 90°	1
15	S-2916	STREET ELL - 1/4" x 90°	1
16	SL-5645	HOSE ASSEMBLY - 3/8" x 48"	1
17	SL-5645	HOSE ASSEMBLY - 3/8" x 48"	1
18	SL-5645	HOSE ASSEMBLY - 3/8" x 48"	1
19		HOSE ASSEMBLY (See T/Pull Piping)	1
20	SF-4602	STREET TEE - 1/4"	1
21	DD-9468	CHECK VALVE	1
22	S-2916	STREET ELL	1
23	S-2916	STREET ELL	1
24	SL-6587	HOSE ASSEMBLY - 3/8" x 42"	1
25		BRAKE VALVE - SEE INDEX	1
26	SF-4602	STREET TEE - 1/4"	1
27	S-2916	STREET ELL - 1/4" x 90°	1
28	SF-4602	STREET TEE - 1/4"	1
29	SG-6077	NIPPLE - 1/4" CLOSE	1
30	SG-6077	NIPPLE - 1/4" CLOSE	1
NOTE: HOSE & TUBING LENGTHS - LESS FITTINGS			
(USED WITH D REAR DUMP)			
(EFFECTIVE WITH SERIAL SUFFIX DP THRU DP-B)			

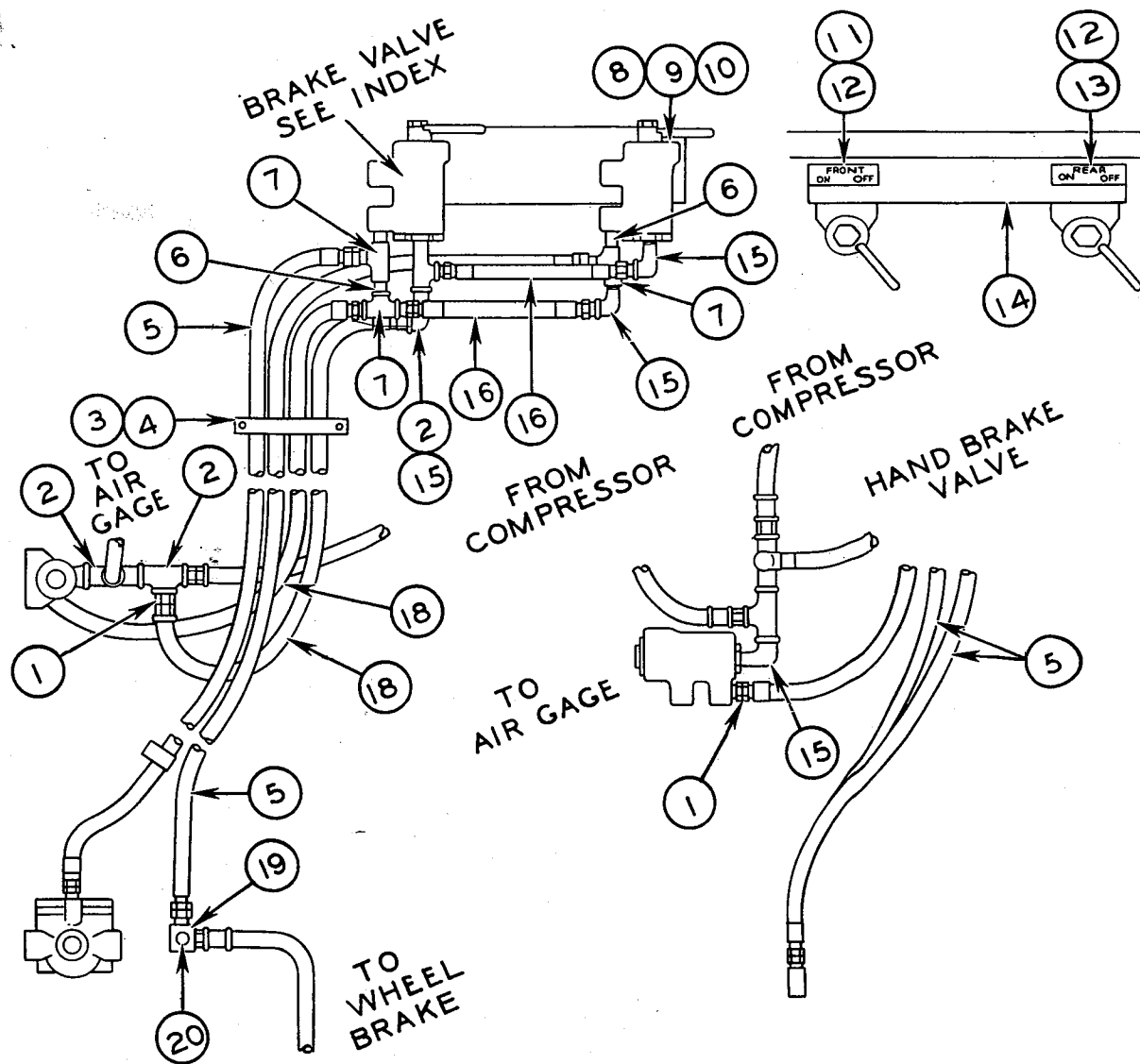


FIG. 910

(USED WITH "D" REAR DUMP)

PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 910

HAND BRAKE VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	SL-5636	ADAPTOR - 1/4" MALE	9
2	SF-4602	STREET TEE - 1/4"	3
3	SP-2835	CLAMP	1
4	SG-1375	SCREW	2
5	SR-4261	HOSE ASSEMBLY - 3/8" x 90°	2
6	R-2510	NIPPLE - 1/4"	3
7	DD-9468	CHECK VALVE	2
8	CD-1633	HAND VALVE - SEE INDEX	2
9	R-3868	CAPSCREW - 5/16" NC x 1/2"	4
10	C-1538	LOCKWASHER - 5/16"	4
11	SH-9911	TITLE PLATE - FRONT	1
12	DC-9822	DRIVE SCREW	4
13	SH-9909	TITLE PLATE - REAR	1
14	SH-9907	BRACKET	1
15	S-2916	STREET ELL - 1/4" x 90°	4
16	SR-4206	HOSE ASSEMBLY - 3/8" x 6"	2
17	R-2508	TEE - 1/4"	1
18	SR-4246	HOSE ASSEMBLY - 3/8" x 48"	2
19	SG-6758	JUNCTION BLOCK	1
20	C-5769	PIPE PLUG - 1/4"	3
		NOT SHOWN	
	H-3167	JEFFY CLAMP - 3/8"	1
	C-5780	NUT - 1/4" NC	2
	SR-8399	GROMMET PLATE	1
	H-3043	RUBBER GROMMET	4
	DD-2286	MACHINE SCREW - 1/4" NC x 5/8"	2
	C-5774	LOCKWASHER - 1/4"	2
		NOTE: HOSE LENGTHS - LESS FITTINGS (USED WITH D REAR DUMP) (EFFECTIVE WITH SERIAL SUFFIX DP-C THRU DP-J, DP-L & DP-M)	

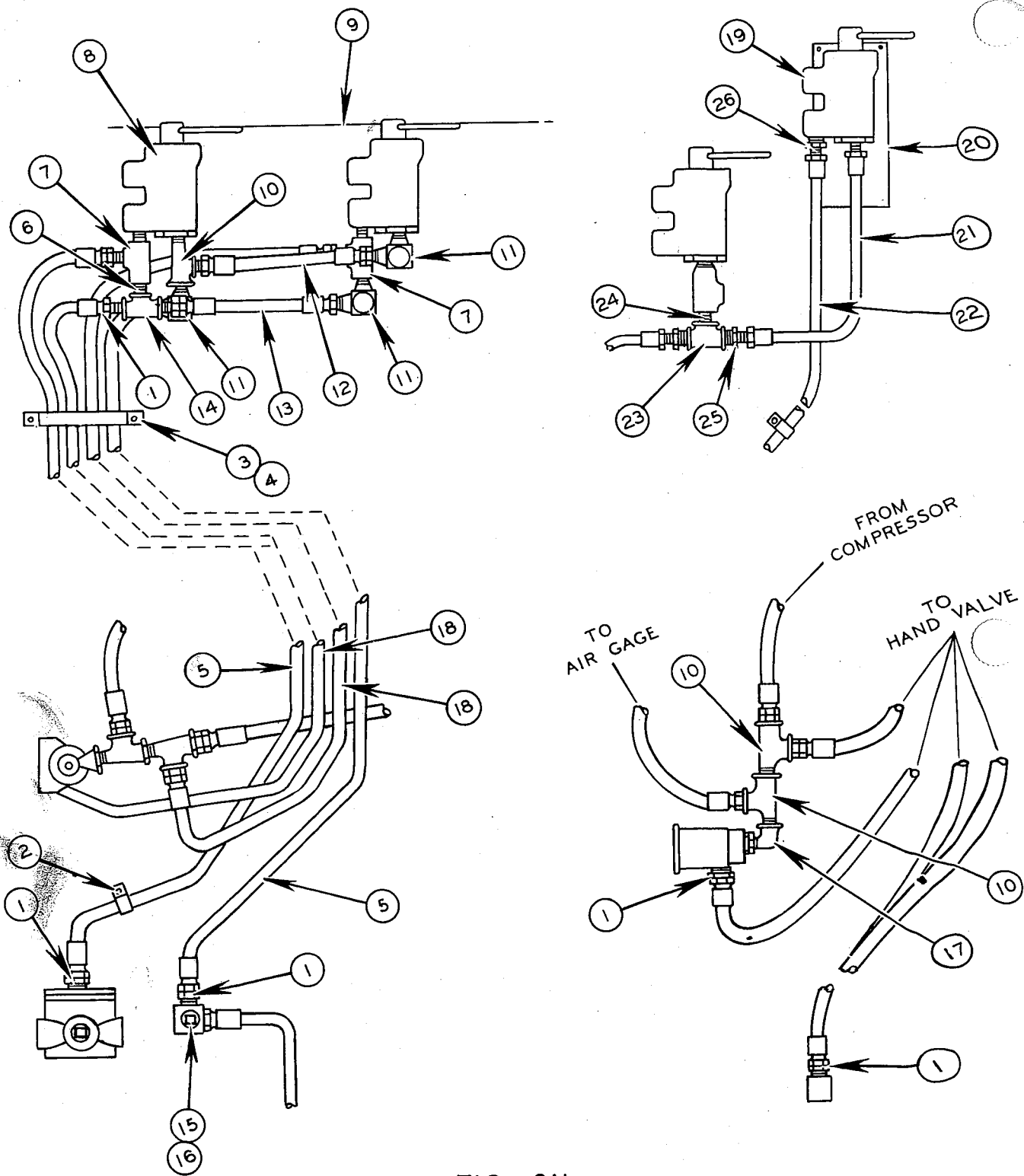


FIG. 911

(USED WITH D REAR DUMP)
 HAND BRAKE VALVE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 911

HAND BRAKE VALVE PIPING

Ref. No.	Part No.	Description	Qty.
1	TD-9720	ADAPTOR	7
2	H-3167	JIFFY CLAMP	1
3	SP-2835	CLAMP	1
4	SG-1375	SCREW	2
5	TF-4261	HOSE ASSEMBLY - 3/8" x 90"	2
6	R-2510	NIPPLE - 1/4"	3
7	DD-9468	CHECK VALVE	2
8		HAND VALVE - SEE INDEX	2
9	SH-9907	BRACKET	1
10	SF-4602	STREET TEE	3
11	TD-5556	ADAPTOR - 90°	3
12	TF-4210	HOSE ASSEMBLY - 3/8" x 10"	1
13	TF-4212	HOSE ASSEMBLY - 3/8" x 11"	1
14	R-2508	TEE - 1/4"	1
15	SG-6758	JUNCTION BLOCK	1
16	C-5769	PIPE PLUG - 1/4"	3
17	S-2916	STREET ELL - 1/4" x 90°	1
18	SR-4247	HOSE ASSEMBLY - 3/8" x 51"	2
19		HAND VALVE - SEE INDEX	1
20	TD-4080	BRACKET	1
21	TF-4220	HOSE ASSEMBLY - 3/8" x 16"	1
22	TF-4171	HOSE ASSEMBLY - 1/4" x 120"	1
23	R-2508	TEE - 1/4"	1
24	R-2510	NIPPLE - 1/4"	1
25	TD-9720	ADAPTOR	2
26	TD-9719	ADAPTOR	1
NOT SHOWN			
	TD-9695	GROMMET PLATE - 4 HOLE	1
	SL-6447	GROMMET	4
	DD-2286	MACHINE SCREW	2
	C-5774	LOCKWASHER - 1/4"	2
	C-5780	NUT - 1/4" NC	2
	TD-9460	GROMMET PLATE	1
	H-3043	GROMMET } Effective with Serial Suffix DP-K & DP-N	1
NOTE: REF. NOS. 19 THRU 26 USED WITH SERIAL SUFFIX DP-K & DP-N.			
(EFFECTIVE WITH SERIAL SUFFIX DP-K, DP-N, DPF2, DPA2 & UP)			

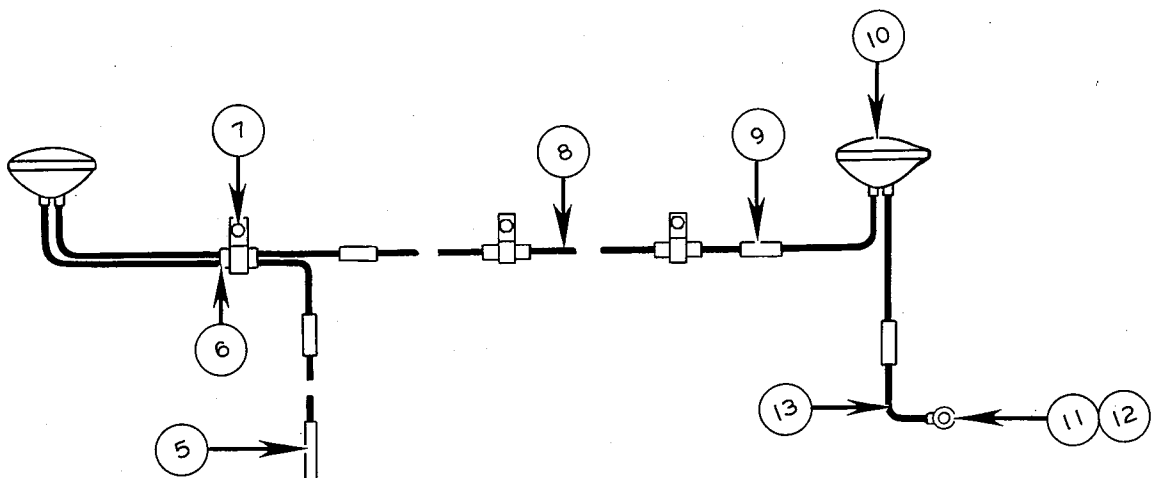


FIGURE 1241 A

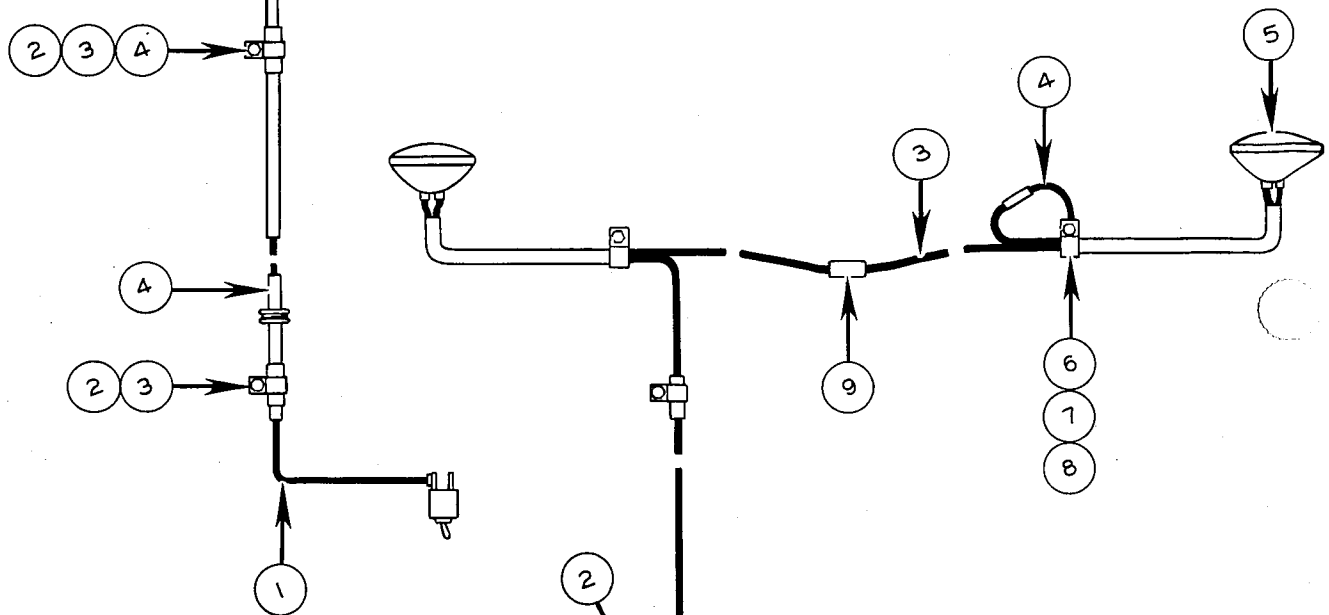


FIGURE 1241 B

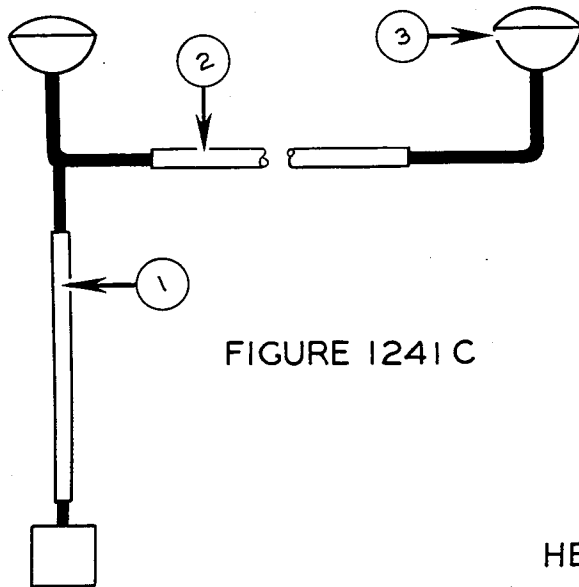


FIGURE 1241 C

HEADLIGHT WIRING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1241A

HEADLIGHT WIRING

Ref. No.	Part No.	Description	Qty.
1	SL-5899	WIRE	1
2	SG-5696	CLAMP, JIFFY - 1/8"	2
3	H-2640	SCREW	2
4	SL-6852	SLEEVE - 12"	1
5	SL-6895	SLEEVE - 24"	1
6	SL-6851	LOOM - 1/4" x 2"	5
7	H-4669	CLIP	3
8	SL-5896	WIRE	1
9	HC-9048	SLEEVE, CONNECTOR	4
10		HEADLIGHT ASSEMBLY - SEE INDEX	1
11	SC-730	SCREW - #10-24 x 3/8"	1
12	H-2644	NUT - #10-24	1
13	SL-5897	WIRE, GROUND	1
(EFFECTIVE THRU SERIAL SUFFIX DP-P)			

FIGURE 1241B

HEADLIGHT WIRING

1	TD-8746	CABLE - SWITCH TO HEADLIGHT	1
2	SG-3216	SCREW, MACHINE	1
3	SL-5896	CABLE - HEADLIGHT TO HEADLIGHT	1
4	TD-8747	WIRE, GROUND	1
5		HEADLIGHT ASSEMBLY - SEE INDEX	2
6	SG-5696	CLAMP, JIFFY - 1/8"	5
7	C-5774	LOCKWASHER - 1/4"	4
8	C-5780	NUT - 1/4" - 20NC	4
9	SP-7812	SLEEVE, INSULATING	1
10	SV-6216	SLEEVE	2
(EFFECTIVE WITH SERIAL SUFFIX DP-Q THRU DP-R, ALSO DPS.)			

FIGURE 1241C

HEADLIGHT WIRING

1	TG-2350	CABLE, HEADLIGHT *	1
	TH-7174	CABLE, HEADLIGHT **	1
2	TG-2352	CABLE - BETWEEN HEADLIGHTS *	1
	TH-7170	CABLE - BETWEEN HEADLIGHTS **	1
3		HEADLIGHT ASSEMBLY (See Index)	2
NOTE: * EFFECTIVE THRU SERIAL SUFFIX DPF2-A. ** EFFECTIVE WITH SERIAL SUFFIX DPF2-B, DPA2 & UP.			
(EFFECTIVE WITH SERIAL SUFFIX DPF2, DPA2 & UP.)			

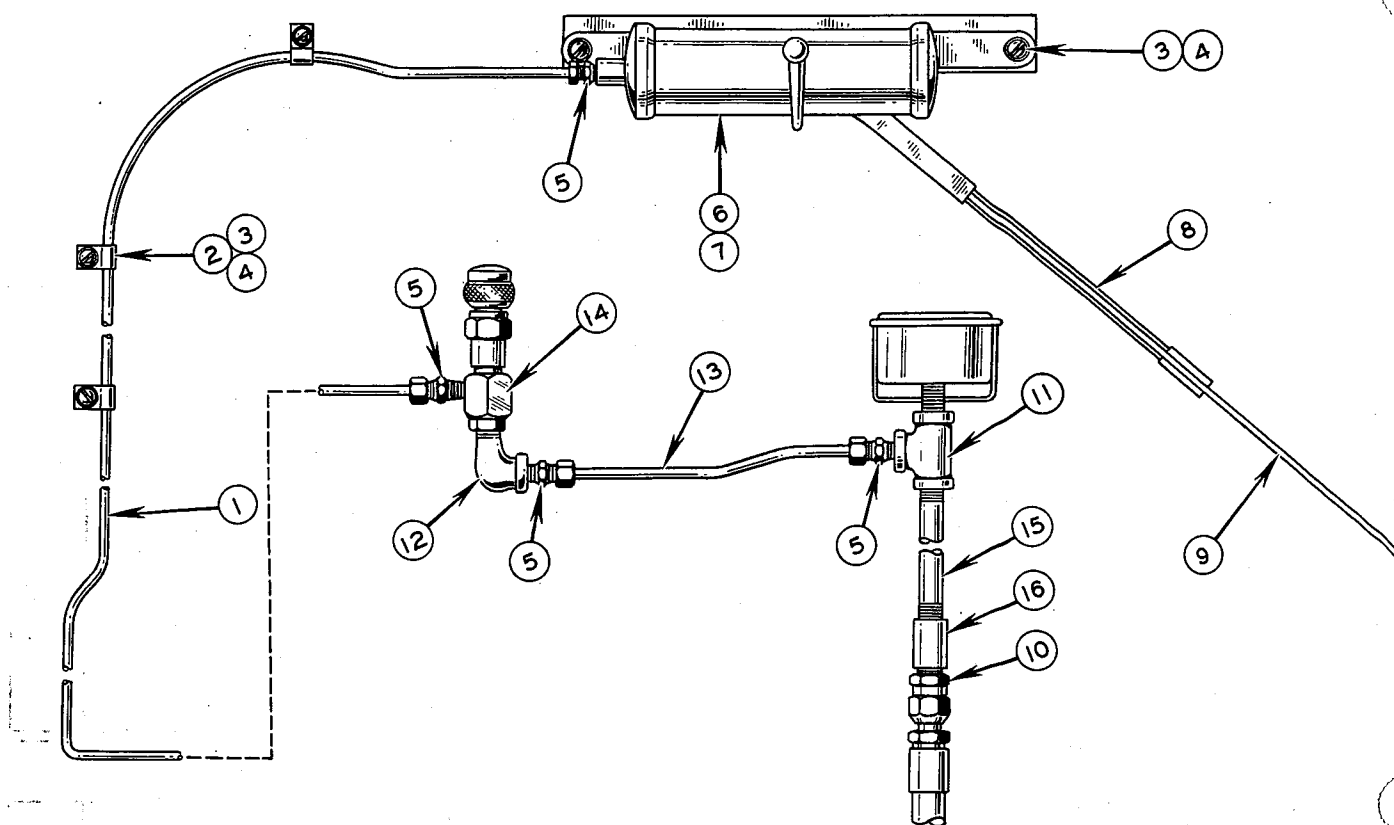


FIG. 2474 A
WINDSHIELD WIPER-FRONT

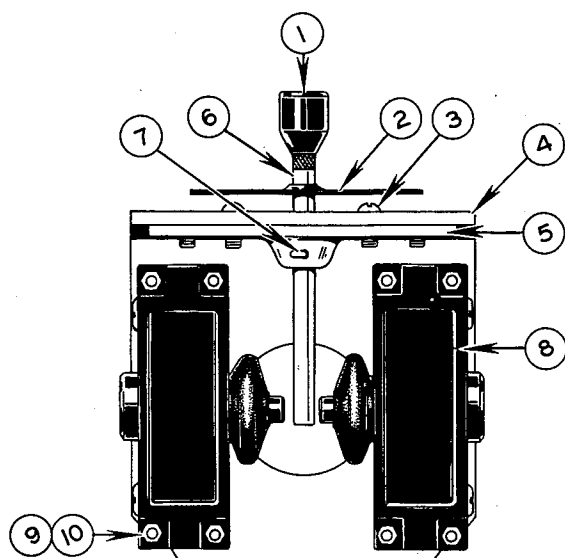


FIG. 2474 B
CONTROL SWITCH

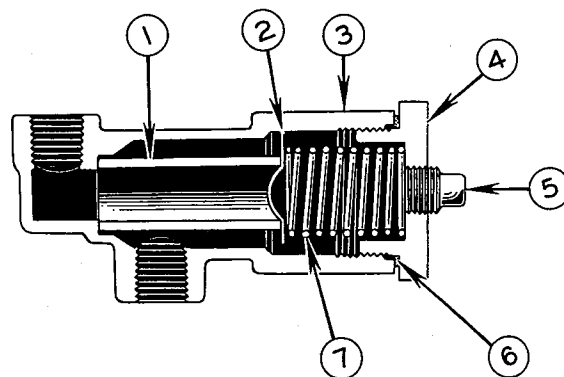


FIG. 2474 C
AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2474A

WINDSHIELD WIPER - VD-4823

Ref. No.	Part No.	Description	Qty.
1	VD-4800	TUBE ASSEMBLY - 3/16" x 61"	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
2	CC-6172	CLAMP	4
3	SG-1375	SCREW, SELF TAP - #10-24NC x 1/4"	6
4	H-2643	WASHER, LOCK - #10	6
5	SD-8661	CONNECTOR, TUBE	4
6	TF-2835	MOTOR, WIPER	1
7	TF-2834	BRACKET, MOTOR MOUNT	1
8	TF-2836	ARM, WIPER	1
9	TF-2837	BLADE, WIPER	1
10	TD-9718	ADAPTOR - 1/2" - 20NF x 1/8"NPT	1
11	R-2404	TEE, PIPE - 1/8"NPT	1
12	R-900	ELL, STREET - 1/8"NPT x 90°	1
13	VD-2749	TUBE ASSEMBLY - 3/16" x 6 1/2"	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
14	TF-7681	REGULATOR, PRESSURE	1
15	TD-6297	NIPPLE, PIPE - 1/8"NPT x 4 1/2"	1
16	C-1231	COUPLING, PIPE - 1/8"NPT	1
(OPTIONAL)			

FIGURE 2474B

CONTROL SWITCH

1	DC-3591	TIP, RUBBER	1
2	DF-2402	GASKET	1
3	DC-5004	SCREW, ROUND HEAD - #12-24NC x 1/2"	2
4	TC-5003	BASE, MOUNT	1
	TC-5002	STEM & END PLATE	1
5	TC-5001	PLATE	1
6	SV-4299	STEM	1
7	DF-9161	PIN	1
8	DF-5856	SWITCH	2
9	SV-8991	SCREW, MACHINE - #6-32NC x 1 1/4"	4
10	DH-321	NUT, SPACER	4
(LOCATED ON INSTRUMENT PANEL)			

FIGURE 2474C

AIR CLEANER

1	SR-1563	ELEMENT	1
2	SR-1564	WASHER	1
3	SR-1562	HOUSING	1
4	SR-1567	NUT	1
5	C-5768	PLUG, PIPE - 1/8"NPT	1
6	SR-1566	GASKET	1
7	SR-1565	SPRING	1
(USED IN AIR SYSTEM)			

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