

Scupper 222A S - 63582-CM10

Tractor GP - 43872-CPA6-G

W. Allison Transmission (Old)

P/N 6778480

S/N 1952

S/N - 1141

Model V-CLBT 4460-1

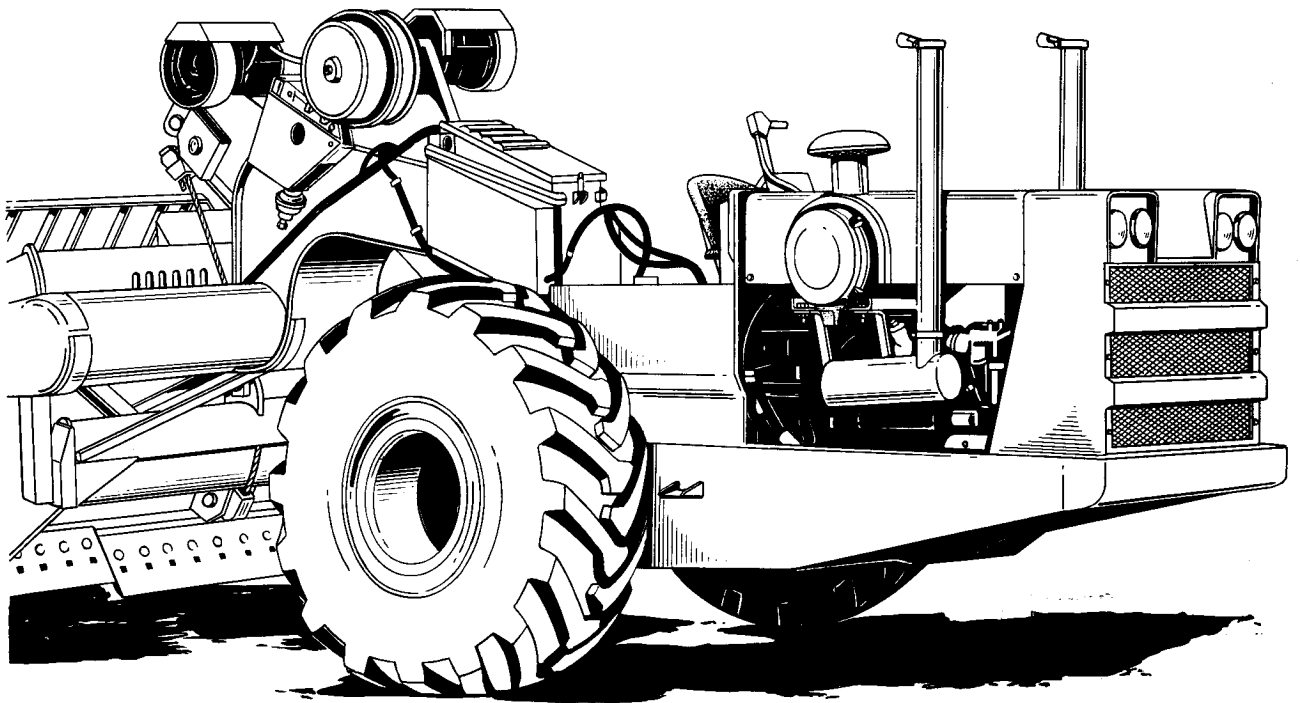


model C tournapull

PARTS CATALOG

**EFFECTIVE WITH SERIAL SUFFIX
CPF6, CPA6.**

LETOURNEAU-WESTINGHOUSE COMPANY
A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY • PEORIA, ILLINOIS



MODEL C PULL

PARTS INDEX

DESCRIPTION	PAGE NO.	DESCRIPTION	PAGE NO.
ADAPTOR, TRANSMISSION-FULLER	48	PINION-FINAL DRIVE	60, 62, 62A
ADAPTOR, TRANSMISSION-ALLISON	48A	PIPING-BALL SOCKET LUBE	28
ADAPTOR, TRANSMISSION PUMP	52B	-BRAKE SYSTEM-EMERGENCY ..	116
AIR CLEANER-AIR BRAKE	120	-REAR DUMP	114, 114A
AIR CLEANER-ENGINE	6 thru 8B	-PULL	104 thru 104C
AIR COMPRESSOR	12 thru 16A	-TRANSMISSION ..	104C
AIR HORN	78	-ENGINE	102, 102A
AIR TANK	10	-SCRAPER CONTROL	140, 142
AXLE-FINAL DRIVE	60, 62, 62A	-TRANS. OIL.-ALLISON	54E
BATTERY BOX	70, 70A	-TRANS. AIR	38, 38A
BRAKE-PARKING	130	-TRANS. OIL	50, 50A
BRAKE-TRANSMISSION CLUTCH	46, 52B	-TRANS. PRE-SELECT	54, 54A
-WHEEL	64, 64A	PUMP-HYDRAULIC	146
CAB	96	-TRANS. OIL	52A, 52B
CAPACITOR & CONTACTOR	90	QUADRANT, SHIFTING	54D
CASE-MAIN	56	RADIATOR	4
CLUTCH	32, 32A	RECTIFIER	84
CLUTCH RELEASE	34	RING GEAR & PINION	48
COCKPIT	24, 24A	ROTOCHAMBER	76
CONTACTOR	88, 138	SEAT	28, 128
CONTROLS-CLUTCH	30	STEERING TRUNNION	68
-SCRAPER HOIST	98	SWITCH BOX-ELECTROTARDER	112
-THROTTLE	30	→SWITCH BOX-HANCOCK	136
-TRANSMISSION-ALLISON ..	54B, 54C	SWITCH BOX-MAIN	86
DIFFERENTIAL	58	SWITCH-CONTROL	90
ELECTROTARDER	112	SWITCH-MAIN	88
ENGINE MISCELLANEOUS	18	SUPPORT, HYDRAULIC HOSE	152
ENGINE MOUNTING	56	TOOLS	94
FILTER-AIR LINE	78	TRANSFORMER	82
-ENGINE OIL	20, 22A, 52	TRANSMISSION-FULLER	38 thru 46
-FUEL OIL	22 thru 22B	TRANSMISSION CLUTCH RELEASE	34
-HYDRAULIC OIL	144	TRANSMISSION CONTROL-ALLISON ...	54B, 54C
-LUBE OIL	20, 22A	TRANSMISSION MOUNTING-ALLISON ...	54B, 54C
-TRANS. OIL	50A thru 52A, 54D	UNIVERSAL & CLUTCH HOUSING	36
FUEL TANK	70, 70A	VALVE-CLUTCH	74
GEARBOX, HANCOCK	134	-GOVERNOR	122
GEARBOX, STEERING	110	-HAND BRAKE	118, 118A
GENERATOR, AC	106 thru 106B	-HYDRAULIC CONTROL	148, 150
GRILLE	2	-QUICK RELEASE	76
HORN, AIR	78	-RELAY-EMERGENCY	124
HOUR METER-ENGINE	10, 26, 26A, 26D	-RELIEF	52B
INSTRUMENT PANEL	26 thru 26C	-SCRAPER HOIST CONTROL	80
LIGHTS	2	-TRANS BY-PASS	52B
LIGHTS, REAR	26D	-TRANS. SHIFT CONTROL	54F
MOTOR, HANCOCK	132	-TRACTOR-PROTECTION	120
MOTOR, STEERING	108, 108A	-TREADLE BRAKE	72, 72A
		-UNLOADER, COMPRESSOR	76
		WHEEL	66, 66A
		WINDSHIELD WIPER	100
		✓WIRING-GENERAL	92, 92A
		-INSTRUMENT PANEL	26, 26A

NOTE: SEE ENGINE CO. PARTS CATALOG FOR ENGINE PARTS NOT SHOWN.

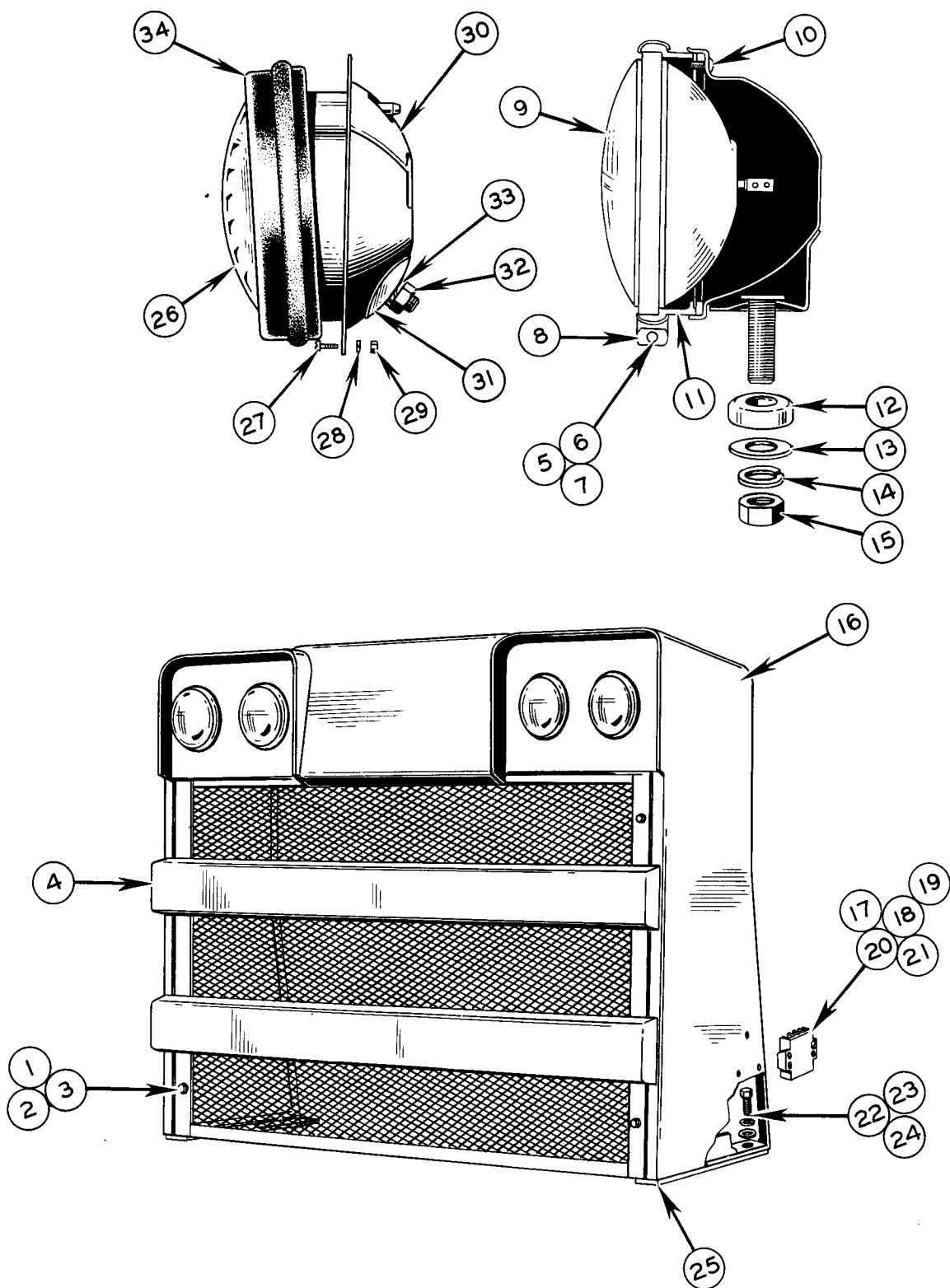


FIG. 1621

GRILLE & HEADLIGHTS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1621

GRILLE & HEADLIGHTS

Ref. No.	Part No.	Description	Qty.
1	TC-1234	CAPSCREW - 3/8" - 16NC x 3/4"	4
2	TC-1231	LOCKWASHER - 3/8"	4
3	TC-1232	WASHER - 3/8" - FLAT	4
4	TG-8815	GRILLE (Effective with Serial Suffix CPF6 only)	1
5	DL-4931	GRILLE (Effective with Serial Suffix CPF6-A & CPA6)	1
5	DL-1496	BOLT	1
6	TL-364	LOCKWASHER	1
7	TL-363	NUT	1
8	TF-3122	CLAMP	1
9	TD-4465	LAMP	1
10	TF-3117	SCREW	4
11	TF-3120	MOUNT, RUBBER (Effective thru Serial Suffix CPF6-F)	1
12	TD-6721	SPACER	4
13	DD-5640	WASHER - 1/2" FLAT	4
14	C-1540	LOCKWASHER - 1/2"	4
15	C-1524	NUT - 1/2" - 20NF	4
16	TG-8810	MOUNT, GRILLE (Effective with Serial Suffix CPF6 only)	1
	DL-4927	MOUNT, GRILLE (Effective with Serial Suffix CPF6-A & CPF6-B)	1
	DL-5012	MOUNT, GRILLE (Effective with Serial Suffix CPF6-C thru CPF6-F)	1
	DL-6563	MOUNT, GRILLE (Effective with Serial Suffix CPF6-G thru CPF6-M)	1
	DL-7825	MOUNT, GRILLE (Effective with Serial Suffix CPF6-N only)	1
	VD-4952	MOUNT, GRILLE (Effective with Serial Suffix CPF6-R & CPA6)	1
17	SR-8235	STRIP, TERMINAL	1
18	DH-9868	STRIP, INSULATING	1
19	SC-5252	SCREW - #8-32NC x 3/4"	4
20	SD-2599	LOCKWASHER - #8	4
21	R-4948	NUT - #8-32NC	4
22	VC-1387	CAPSCREW - 1/2" - 13NC x 1"	4
23	TR-5445	LOCKWASHER - 1/2"	4
24	TR-6008	WASHER - 1/2" FLAT	4
25	TG-8806	BAR, TAPPED (Effective thru Serial Suffix CPF6-F)	2
	DL-6345	BAR, TAPPED (Effective with Serial Suffix CPF6-G & CPA6)	4
	TL-1888	LAMP ASSEMBLY	4
26	TD-4465	LAMP	4
27	H-2642	SCREW, MACHINE - #10 - 24NC x 1/2"	12
28	H-2643	LOCKWASHER - 1/4"	12
29	H-2644	NUT - #10-24NC	12
30	TL-8798	RING, MOUNTING	4
31	TL-8796	WASHER	4
32	C-1521	NUT - 3/8" NC	4
33	C-312	LOCKWASHER - 3/8"	4
34	TL-8797	RING, RESILIENT MOUNTING	4
NOT SHOWN			
	DF-1870	CLAMP, CABLE	5
	H-7997	SCREW - 1/4" - 20NC	6
	C-5774	LOCKWASHER - 1/4"	12
	C-5780	NUT - 1/4" - 20NC	12
	H-8136	CAPSCREW - 1/4" - 20NC x 1/2"	6
	DL-4933	BAFFLE	2
	VF-1690	BAFFLE, LOWER RADIATOR	1
	TC-1234	CAPSCREW - 3/8" - 16NC x 3/4"	2
	TC-1232	FLATWASHER - 3/8"	2
	TC-1231	LOCKWASHER - 3/8"	2
NOTE: TG-7516 HEADLIGHT ASSEMBLY INCLUDES REF. NOS. 5 THRU 11. (FOUR ASSEMBLIES REQUIRED).			

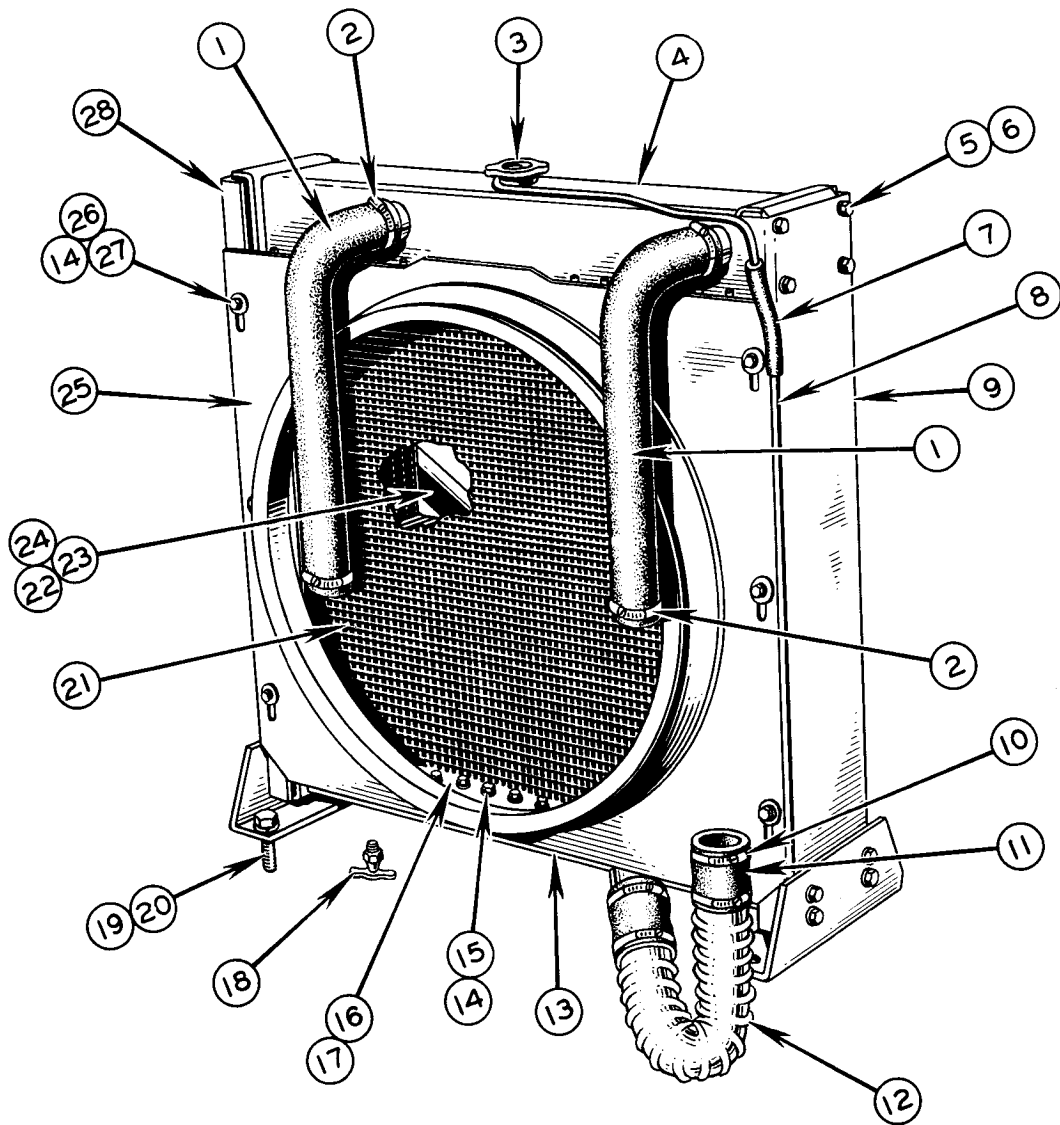


FIG. 1933

RADIATOR

FIGURE 1933

RADIATOR

Ref. No.	Part No.	Description	Qty.
1	TG-7413	HOSE - UPPER	2
2	HC-920	CLAMP, HOSE	4
3	DF-3923	CAP, RADIATOR *	1
4	TV-1085	CAP, RADIATOR **	1
4	TG-7403	TANK, TOP *	1
	TV-1087	TANK, TOP **	1
5	C-1612	SCREW, CAP - 1/2" - 13NC x 1"	16
6	C-1540	WASHER, LOCK - 1/2"	16
7	TC-7163	HOSE, OVERFLOW	1
8	TF-6013	PIPE	1
9	TG-7408	CHANNEL - R.H. ***	1
	VF-1683	CHANNEL - R.H. #	1
10	CD-9709	CLAMP, HOSE	4
11	TG-7420	HOSE	2
12	DL-3842	PIPE	1
	HC-1851	COCK, DRAIN	1
13	TG-7400	TANK, BOTTOM	1
14	C-312	WASHER, LOCK - 3/8"	90
15	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	84
16	TF-6033	PAD, DRILLED	4
17	SL-7920	PAD, DRILLED	4
18	TG-8877	COCK, DRAIN	1
19	D-312	SCREW, CAP - 3/4" - 10NC x 1 1/4"	4
20	C-1542	WASHER, LOCK - 3/4"	4
21	TF-6035	CORE & HEADERS ##	1
	TL-6678	CORE & HEADERS ###	1
22	TF-6045	MEMBER, CROSS	1
23	C-7595	SCREW, CAP - 5/8" - 11NC x 1 1/4"	2
24	C-1541	WASHER, LOCK - 5/8"	2
25	DL-7262	SHROUD	1
26	TC-124	WASHER, FLAT - 7/16"	6
27	DC-7524	SCREW, CAP - 3/8" - 16NC x 7/8"	6
28	TG-7410	CHANNEL - L.H. ***	1
	VF-1684	CHANNEL - L.H. #	1
NOT SHOWN			
	TV-5751	CHAIN, RADIATOR CAP **	1
NOTE: * EFFECTIVE THRU SERIAL SUFFIX CPF6-M. ** EFFECTIVE WITH SERIAL SUFFIX CPF6-N & CPA6. *** EFFECTIVE THRU SERIAL SUFFIX CPF6-N. # EFFECTIVE WITH SERIAL SUFFIX CPF6-R & CPA6. ## EFFECTIVE WITH SERIAL SUFFIX CPF6. ### EFFECTIVE WITH SERIAL SUFFIX CPA6.			

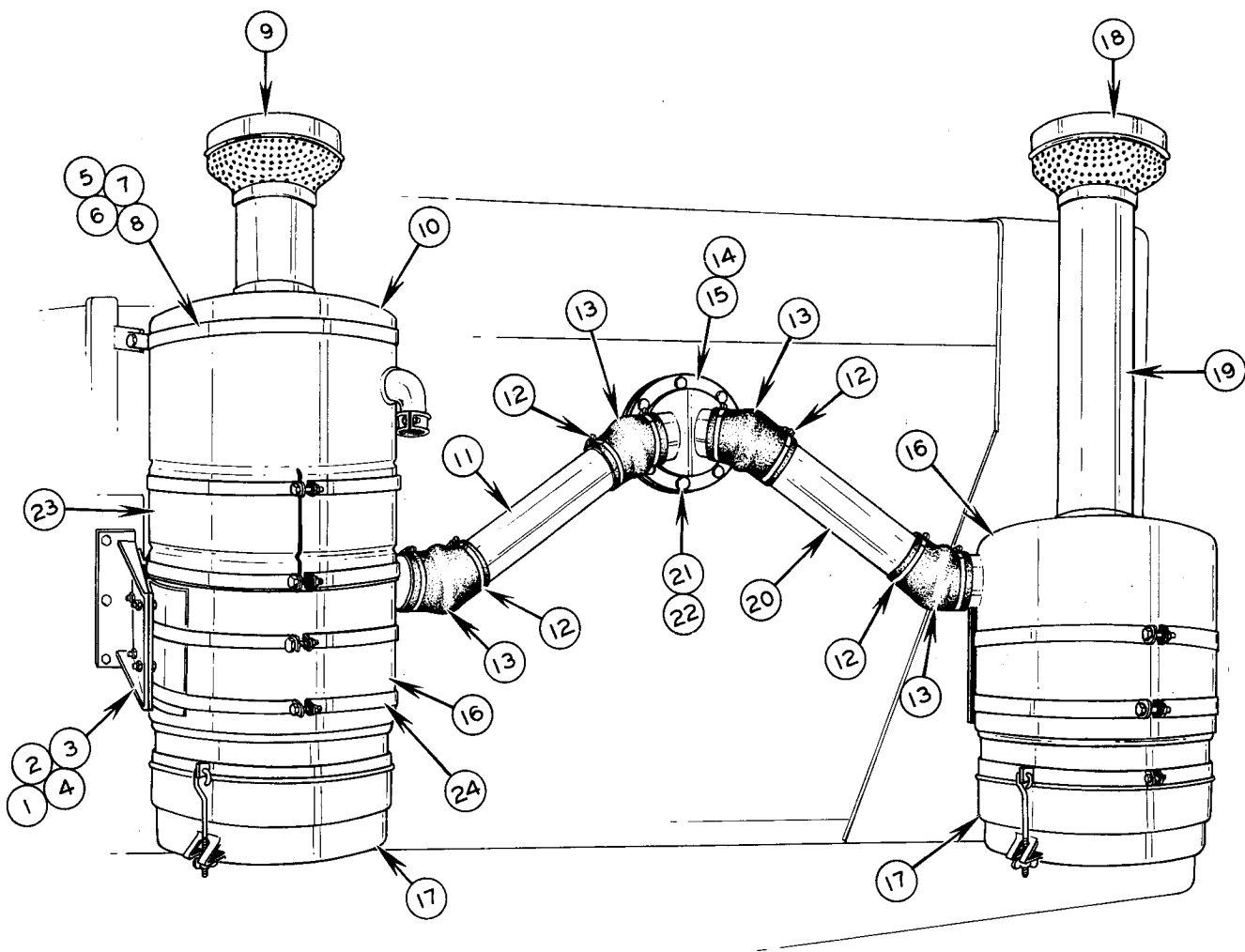


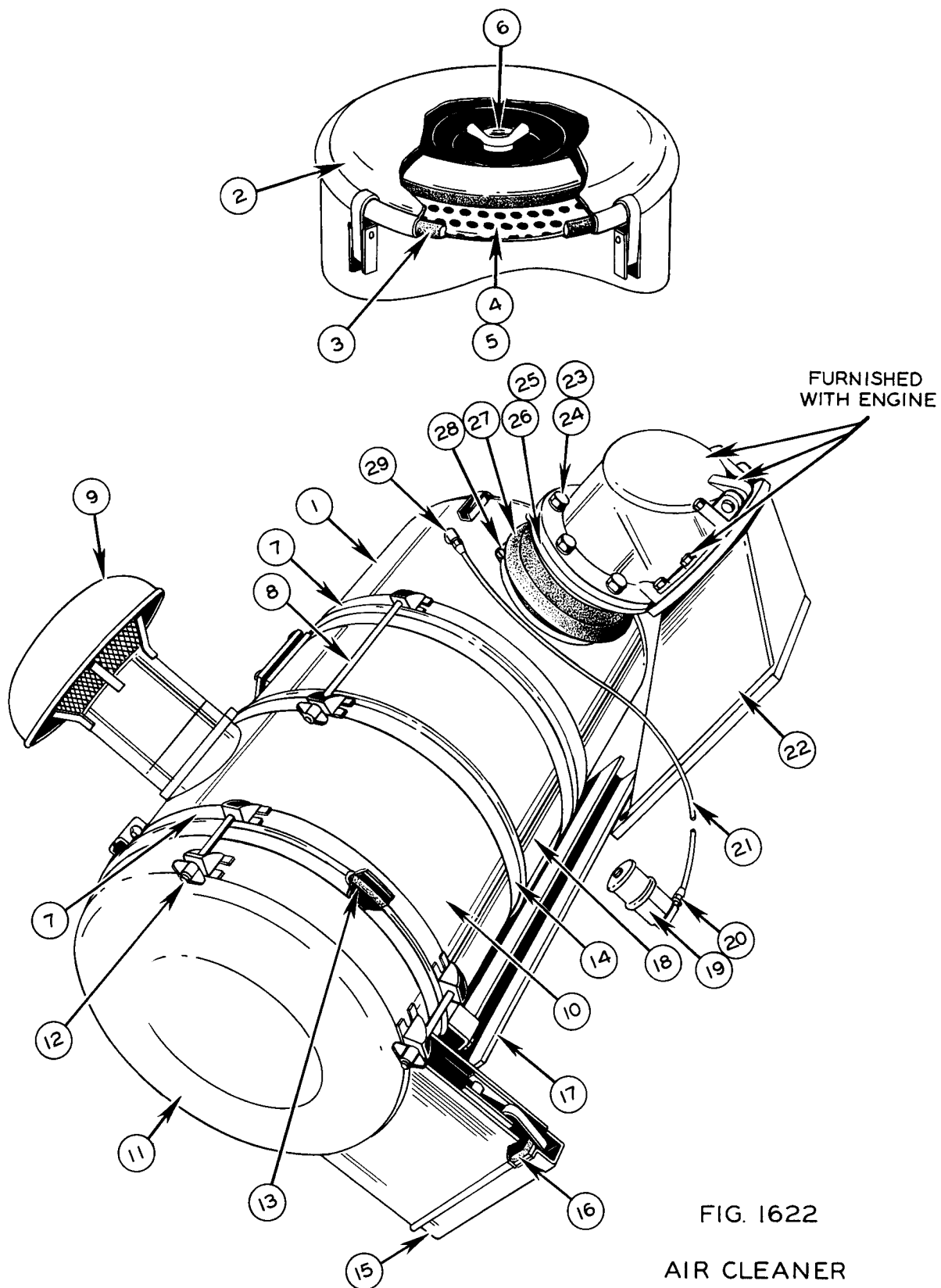
FIG. 1385
AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1385

AIR CLEANER

Ref. No.	Part No.	Description	Qty.
1	DL-4958	MOUNT, AIR CLEANER	1
2	C-1603	CAPSCREW - 3/8" - 16 NC x 1 1/4"	6
3	C-312	LOCKWASHER - 3/8"	6
4	C-1521	NUT - 3/8" - 16 NC	6
5	SV-9382	BAND, AIR CLEANER	1
6	H-8620	CAPSCREW - 5/16" - 18 NC x 1 1/4"	1
7	C-1538	LOCKWASHER	1
8	C-1520	NUT	1
9	TH-1134	CAP, INLET	1
10	TG-8716	HOUSING, UPPER RECTIFIER - SEE INDEX	1
11	TG-7436	TUBE, AIR INLET	1
12	HC-902	CLAMP, HOSE	8
13	TF-5584	HOSE	4
14	TG-7431	INLET, AIR	1
15	TG-7419	GASKET	1
16	TG-7574	BODY ASSEMBLY	2
	TG-7575	PREFILTER	2
	SP-1881	GASKET	2
17	SP-1882	CUP ASSEMBLY	2
	SH-5542	CUP	2
	SP-1883	DISC	2
18	DF-4126	CAP, INLET	1
19	DH-901	TUBE ASSEMBLY	1
20	TG-7437	TUBE, INLET	1
21	C-1603	CAPSCREW - 3/8" - 16 NC x 1 1/4"	6
22	C-312	LOCKWASHER - 3/8"	6
23	TF-2193	RECTIFIER, LOWER	1
24	TF-5611	SADDLE BRACKET ASSEMBLY	2
	C-1608	CAPSCREW - 7/16" - 14 NC x 1"	8
	C-5775	LOCKWASHER - 7/16"	8
	C-5572	NUT - 7/16" - 14 NC	8
NOTE: TG-6371 AIR CLEANER INCLUDES REF. NOS. 16 & 17.			
(EFFECTIVE THRU SERIAL SUFFIX CPF6-B)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1622

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
1	TH-4309	AIR CLEANER ASSEMBLY	1
2	TH-7300	COVER	1
3	TH-7301	GASKET, COVER	1
4	TH-7307	ELEMENT	1
5	TH-7302	GASKET, ELEMENT	1
6	TH-9180	BOLT & GASKET ASSEMBLY	1
	TH-6753	BOLT ASSEMBLY, WING	1
	TH-6755	WASHER, GASKET	1
7	TH-7312	BAND ASSEMBLY	2
8	TH-3368	BOLT ASSEMBLY	4
9	TH-3123	HOOD, INLET	1
	TL-228	AIR CLEANER ASSEMBLY - LOWER	1
10	TL-229	AIR CLEANER ASSEMBLY - LOWER	1
11	TL-1153	CUP, FINAL	1
12	TH-3369	BOLT ASSEMBLY	4
13	TH-7304	GASKET	3
14	TH-7315	BAND ASSEMBLY	1
15	DL-5925	BOTTOM, DUST CUP	1
16	DL-5931	GASKET, DUST CUP	1
17	TH-9746	PLATE, MOUNT	1
	C-5775	LOCKWASHER - 7/16"	10
	H-594	CAPSCREW - 7/16" NC x 1 1/4"	9
	C-5572	NUT - 7/16" NC	6
	C-1604	CAPSCREW - 3/8" NC x 1 1/2"	4
	C-1548	FLATWASHER - 7/16"	6
18	TH-4454	RECTIFIER & HOUSING ASSEMBLY (See Index)	1
19	TH-4725	INDICATOR, SERVICE	1
20	DC-72	CONNECTOR, IMPERIAL (Body Only)	1
21	DL-5903	TUBE ASSEMBLY - 1/4" x 36"	1
	H-3543	NUT	2
22	TL-222	ADAPTOR	1
23	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	6
24	C-312	LOCKWASHER - 3/8"	6
25	TL-1206	INLET, AIR	1
26	TG-7419	GASKET, AIR INLET	1
27	TL-3687	HOSE, HUMP	1
28	TH-247	CLAMP	1
29	DL-5904	ELBOW, IMPERIAL (Body Only)	1
		NOT SHOWN	
	TH-9743	BRACKET, MOUNT	1
	DL-5745	BRACE, AIR CLEANER	1
	C-1609	CAPSCREW - 7/16" NC x 1 1/2"	1
	DC-8163	CLAMP	4
	C-3145	CAPSCREW - 1/4" NC x 5/8"	1
	C-5774	LOCKWASHER - 1/4"	3
	C-5780	NUT - 1/4" NC	1

(EFFECTIVE THRU SERIAL SUFFIX CPF6-K.)

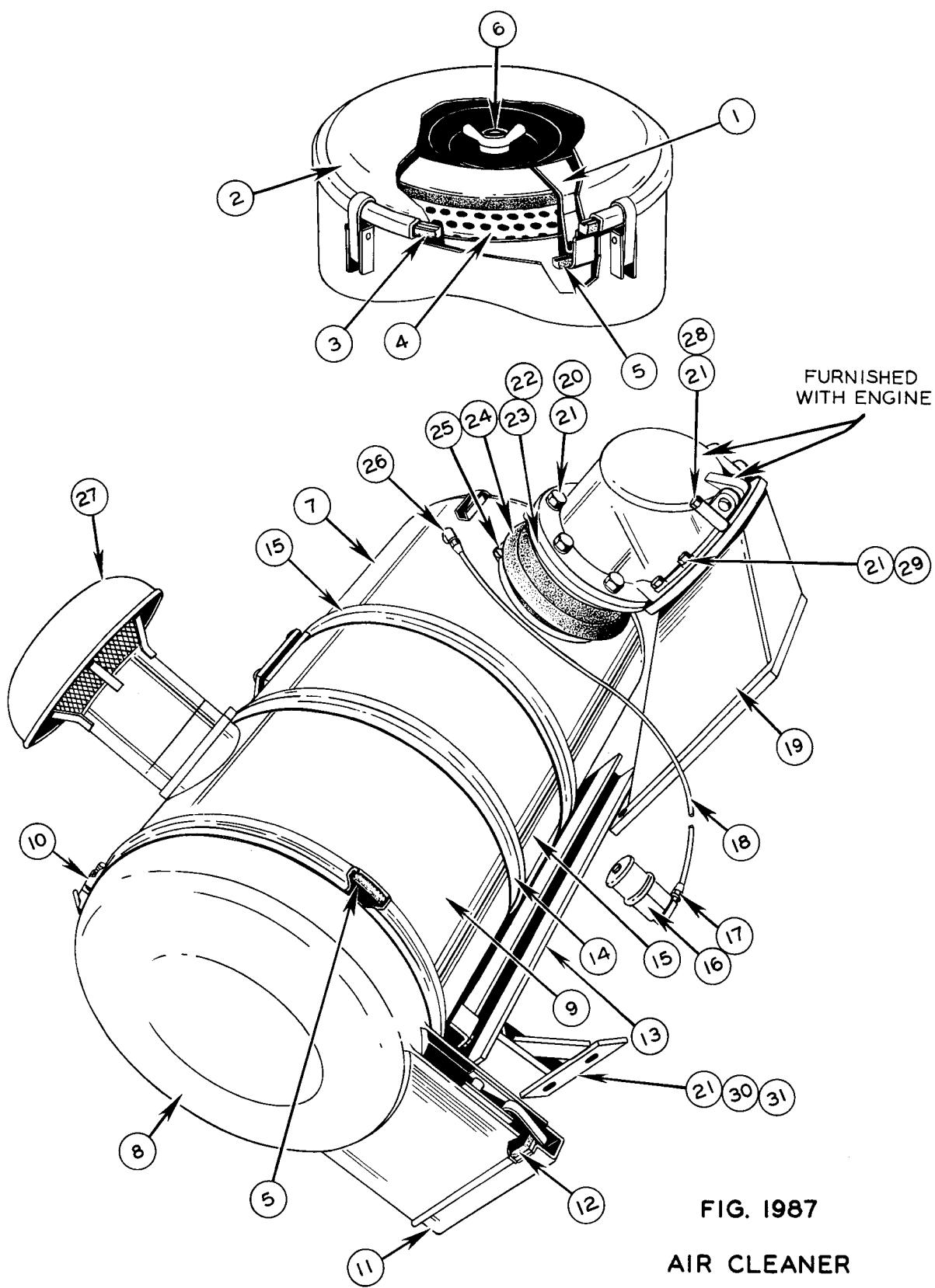


FIG. 1987
AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1987

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
	DL-6945	AIR CLEANER ASSEMBLY	1
1	TR-4885	COVER, INNER	1
2	TH-7300	COVER, OUTER	1
3	TH-7301	GASKET	1
4	TH-7308	ELEMENT	1
5	TR-4891	GASKET	1
	TH-7304	GASKET	3
6	TH-9180	BOLT & GASKET ASSEMBLY	1
7	TR-4886	BODY ASSEMBLY	1
8	DL-6943	CUP, DUST	1
9	TR-4888	DONACLONE ASSEMBLY	1
10	TR-4889	CLAMP ASSEMBLY	1
11	DL-5925	CUP	1
12	DL-5931	GASKET	1
13	DL-6935	MOUNT, AIR CLEANER (Effective thru Serial Suffix CPF6-M)	1
	DL-7734	MOUNT, AIR CLEANER (Effective with Serial Suffix CPF6-N)	1
	H-594	CAPSCREW - 7/16" - 14 NC x 1 1/4"	5
	C-5775	LOCKWASHER - 7/16"	5
	C-1548	FLATWASHER - 7/16"	5
	C-5572	NUT - 7/16" - 14 NC	5
	C-1602	CAPSCREW - 3/8" - 16 NC x 1"	1
	C-312	LOCKWASHER - 3/8"	1
	C-1521	NUT - 3/8" - 16 NC	1
14	DL-7009	BAND, MOUNT	2
	C-1609	CAPSCREW - 7/16" - 14NC x 1 1/2"	2
15	DL-6940	RECTIFIER & HOUSING (See Index)	1
16	TH-4725	INDICATOR, SERVICE (Eff. thru Serial Suffix CPF6-M)	1
	TV-275	INDICATOR, SERVICE	1
	S-5716	CAPSCREW - 1/4" - 20 NC x 7/8"	2
	C-5774	LOCKWASHER - 1/4"	2
	C-5780	NUT - 1/4" - 20 NC	2
17	DC-72	CONNECTOR, IMPERIAL (Body Only)	1
18	DL-5903	TUBE ASSEMBLY - 1/4" x 36"	1
	H-3543	NUT	2
19	TL-222	ADAPTOR	1
20	C-1603	CAPSCREW - 3/8" - 16 NC x 1 1/4"	6
21	C-312	LOCKWASHER - 3/8"	14
22	TL-1206	INLET, AIR	1
23	TG-7419	GASKET	1
24	TL-3687	HOSE, HUMP	1
25	TH-247	CLAMP	2
26	DL-5904	ELBOW, IMPERIAL (Body Only)	1
27	TH-3123	HOOD, INLET	1
28	C-8558	CAPSCREW - 3/8" - 16 NC x 3 1/4"	2
29	C-1602	CAPSCREW - 3/8" - 16 NC x 1"	4
30	TV-3635	MOUNT, AIR CLEANER	1
31	C-1601	CAPSCREW - 3/8" - 16 NC x 3/4"	2
(EFFECTIVE WITH SERIAL SUFFIX CPF6-L THRU CPF6-N)			

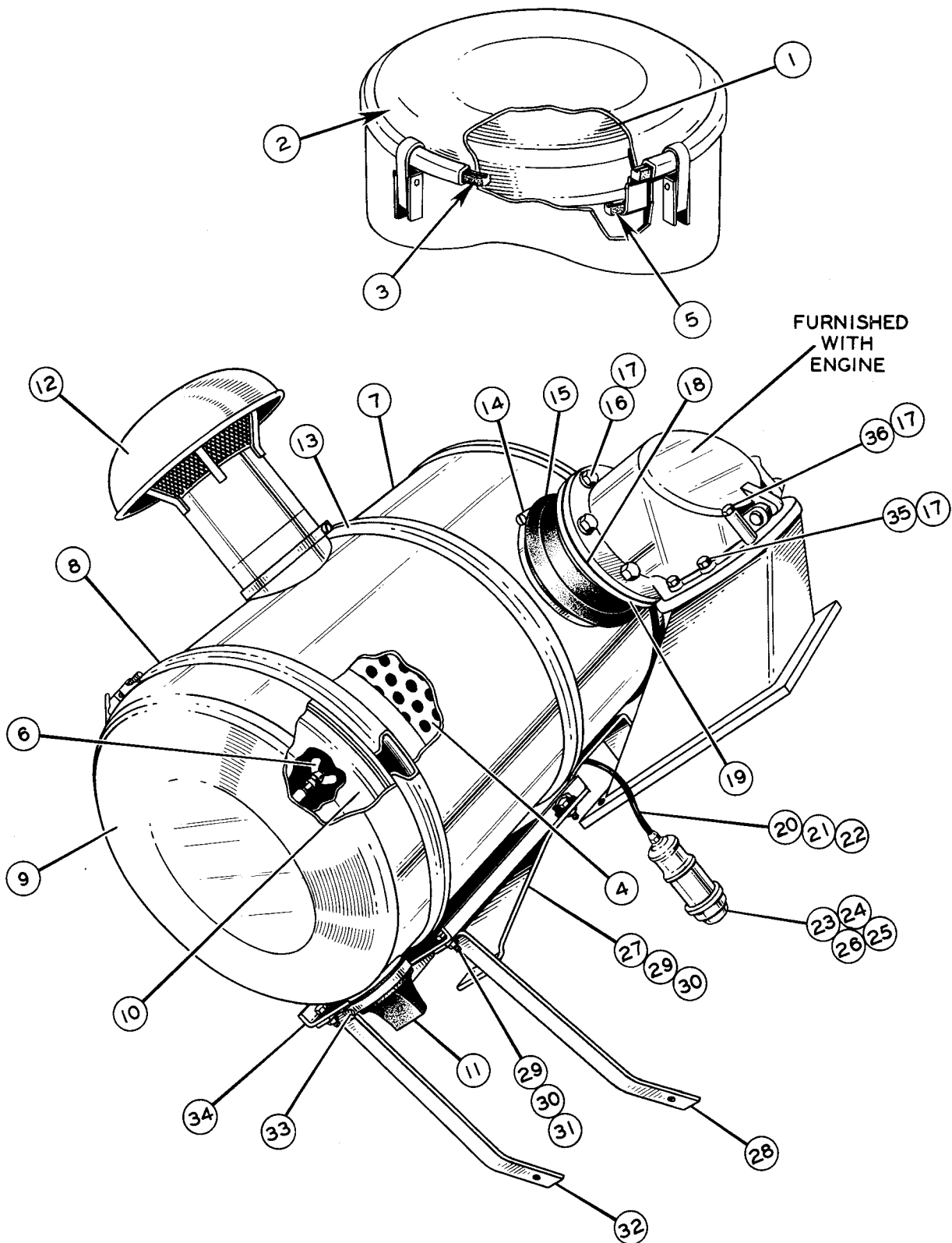


FIG. 2387
AIR CLEANER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2387

AIR CLEANER - ENGINE

Ref. No.	Part No.	Description	Qty.
	VF-3277	AIR CLEANER ASSEMBLY	1
1	VG-9480	COVER, INNER	1
2	TH-7300	COVER, OUTER	1
3	TH-7301	GASKET	1
4	VG-9485	ELEMENT	1
5	TR-4891	GASKET	1
6	TH-9180	BOLT ASSEMBLY	1
	TH-6753	BOLT	1
	TH-6755	WASHER	1
7	VG-9481	BODY ASSEMBLY	1
	VG-9482	YOKE	1
8	TR-4889	CLAMP	1
9	VG-9484	CUP ASSEMBLY	1
10	VG-9483	BAFFLE	1
11	VG-9486	ADAPTOR, RUBBER	1
12	TH-3123	HOOD, INLET	1
13	DL-7009	BAND, MOUNT	2
14	TH-247	CLAMP, HOSE	2
15	TL-3687	HOSE, HUMP	1
16	C-1603	CAPSCREW - 3/8" - 16NC x 1 1/4"	6
17	C-312	LOCKWASHER - 3/8"	12
18	TG-7419	GASKET	1
19	TL-1206	INLET, AIR	1
20	VF-3274	TUBE *	1
	VH-6098	TUBE **	1
21	DC-72	CONNECTOR, TUBE *	1
	DC-5608	NIPPLE - 1/8" NPT **	1
22	DL-5904	ELBOW, TUBE *	1
	DD-193	ELBOW, TUBE **	1
23	TV-275	INDICATOR, AIR FILTER *	1
	VH-6087	INDICATOR, AIR FILTER **	1
24	S-5716	CAPSCREW - 1/4" - 20NC x 7/8"	2
25	C-5774	LOCKWASHER - 1/4"	2
26	C-5780	NUT - 1/4" - 20NC	2
27	VD-9841	BRACKET, MOUNT	1
28	VD-9843	BRACE (Front)	1
29	H-594	CAPSCREW - 7/16" - 14NC x 1 1/4"	8
30	C-5775	LOCKWASHER - 7/16"	8
31	C-5572	NUT - 7/16" - 14NC	4
32	VD-9844	BRACE (Rear)	1
33	VF-9092	CLAMP, WIRE	1
34	VD-9842	SUPPORT, AIR CLEANER *	1
	VH-6093	SUPPORT, AIR CLEANER **	1
35	C-1602	CAPSCREW - 3/8" - 16NC x 1"	4
36	C-8558	CAPSCREW - 3/8" - 16NC x 3 1/4"	2
		NOT SHOWN	
	VH-6099	FLANGE, AIR INDICATOR MOUNTING **	1
		NOTE: RK-1215 GASKET & ELEMENT KIT INCLUDES REF.NOS.3,4 & 5. RK-1216 GASKET KIT INCLUDES REF. NOS. 3 & 5.	
		* EFFECTIVE THRU SERIAL SUFFIX CPF6-R & CPA6-A. ** EFFECTIVE WITH SERIAL SUFFIX CPF6-S & CPA6-B.	
		(EFFECTIVE WITH SERIAL SUFFIX CPF6- R & CPA6)	

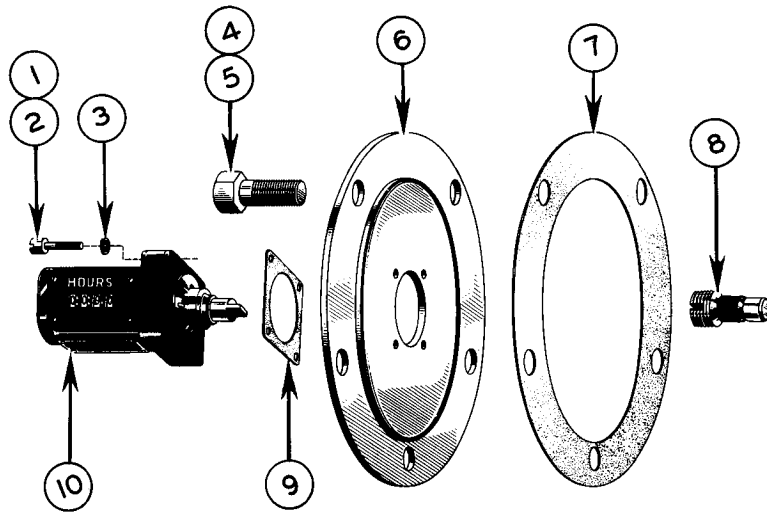


FIG. 1400 A
HOUR METER

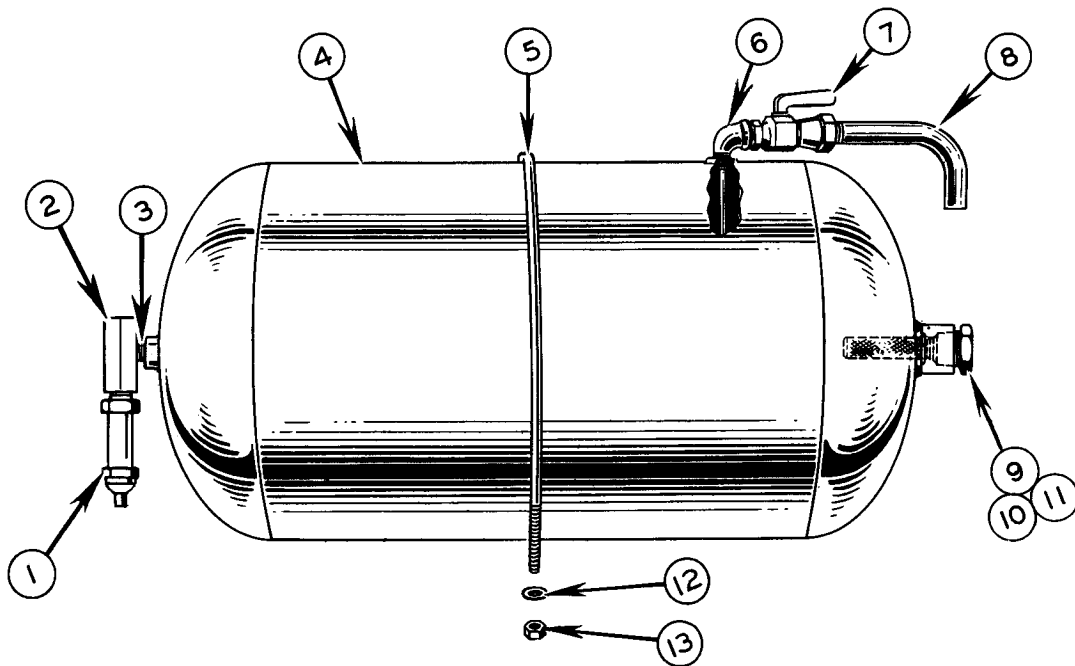


FIG. 1400 B
AIR TANK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1400A

HOUR METER TG-9292

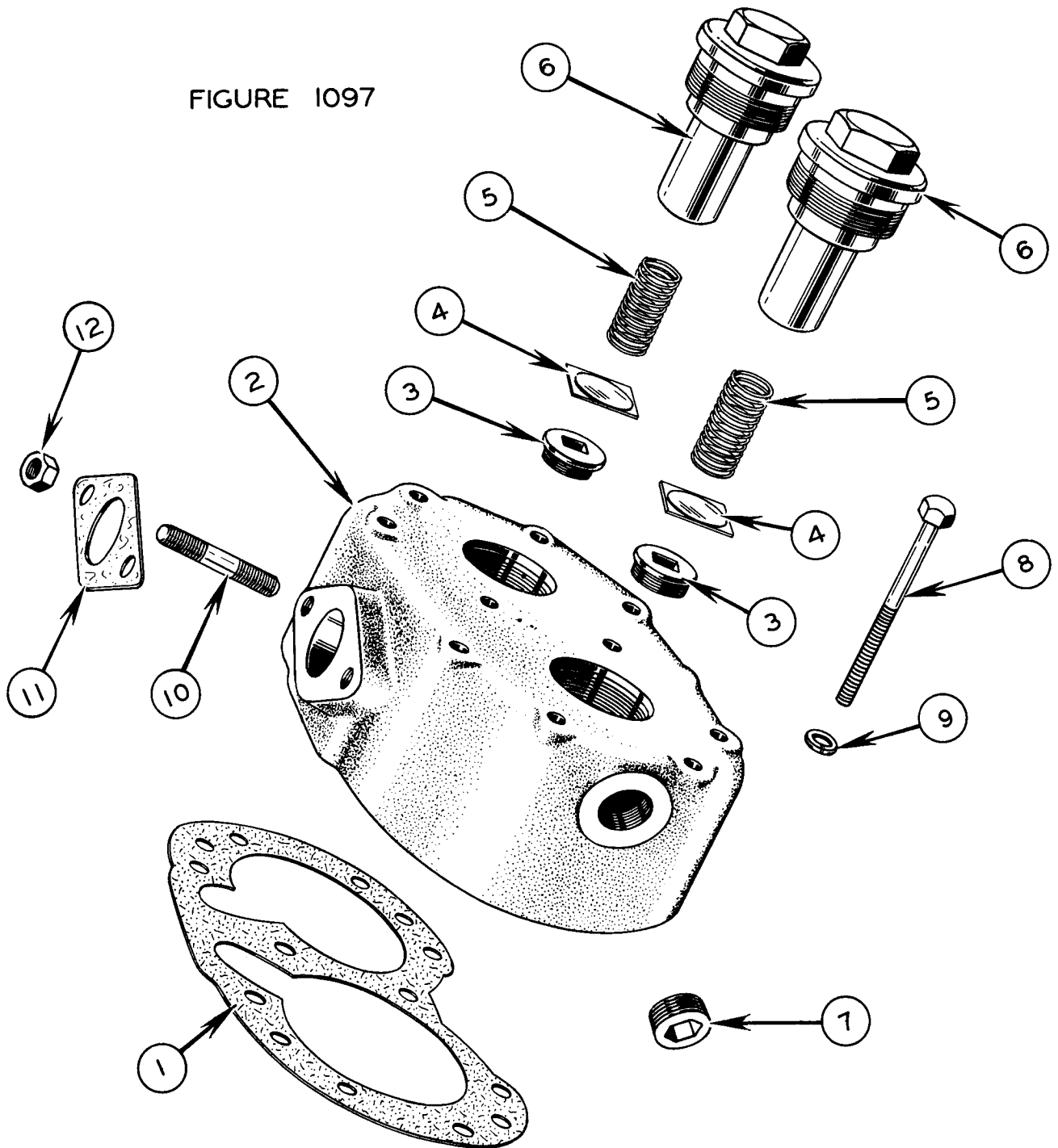
Ref. No.	Part No.	Description	Qty.
1	SL-6010	CAPSCREW	1
2	SL-5613	CAPSCREW	3
3	H-2643	LOCKWASHER	4
4	SL-6008	CAPSCREW	1
5	C-1612	CAPSCREW - 1/2" - 13NC x 1"	4
6	DL-4419	PLATE	1
7	SL-5121	GASKET	1
8	SL-5119	SHAFT, DRIVE	1
9	SL-5123	GASKET	1
10	TG-9716	METER, HOUR	1
(EFFECTIVE THRU SERIAL SUFFIX CPF6-K) (SEE PAGE 26. EFFECTIVE WITH SERIAL SUFFIX CPF6-L.)			

FIGURE 1400B

AIR TANK

1	HD-111	VALVE, SAFETY *	1
	SR-1606	VALVE, SAFETY **	1
2	DG-345	TEE - 3/8" x 1/4" x 1/4" *	1
	DL-5211	TEE - 1/2" x 1/4" x 1/2" **	1
3	R-2510	NIPPLE - 1/4" NPT	1
	E-2579	NIPPLE - 1/2" NPT **	1
4	HD-7515	TANK, AIR	1
	DL-5210	TANK, AIR	1
5	DL-3013	RING, LOCK	2
6	DD-8444	TUBE, DRAIN	1
7	DF-6841	COCK, SHUT-OFF	1
8	DF-4139	ELBOW *	1
9	SD-5209	BUSHING - 3/4" x 3/8"	1
10	HC-1854	SPRING	1
11	HC-1853	SCREEN	1
12	C-312	LOCKWASHER - 3/8"	4
13	C-1521	NUT - 3/8" - 16NC	4
* EFFECTIVE THRU SERIAL SUFFIX CPF6-N. ** EFFECTIVE WITH SERIAL SUFFIX CPF6-R & CPA6			

FIGURE 1097



AIR COMPRESSOR CYLINDER HEAD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

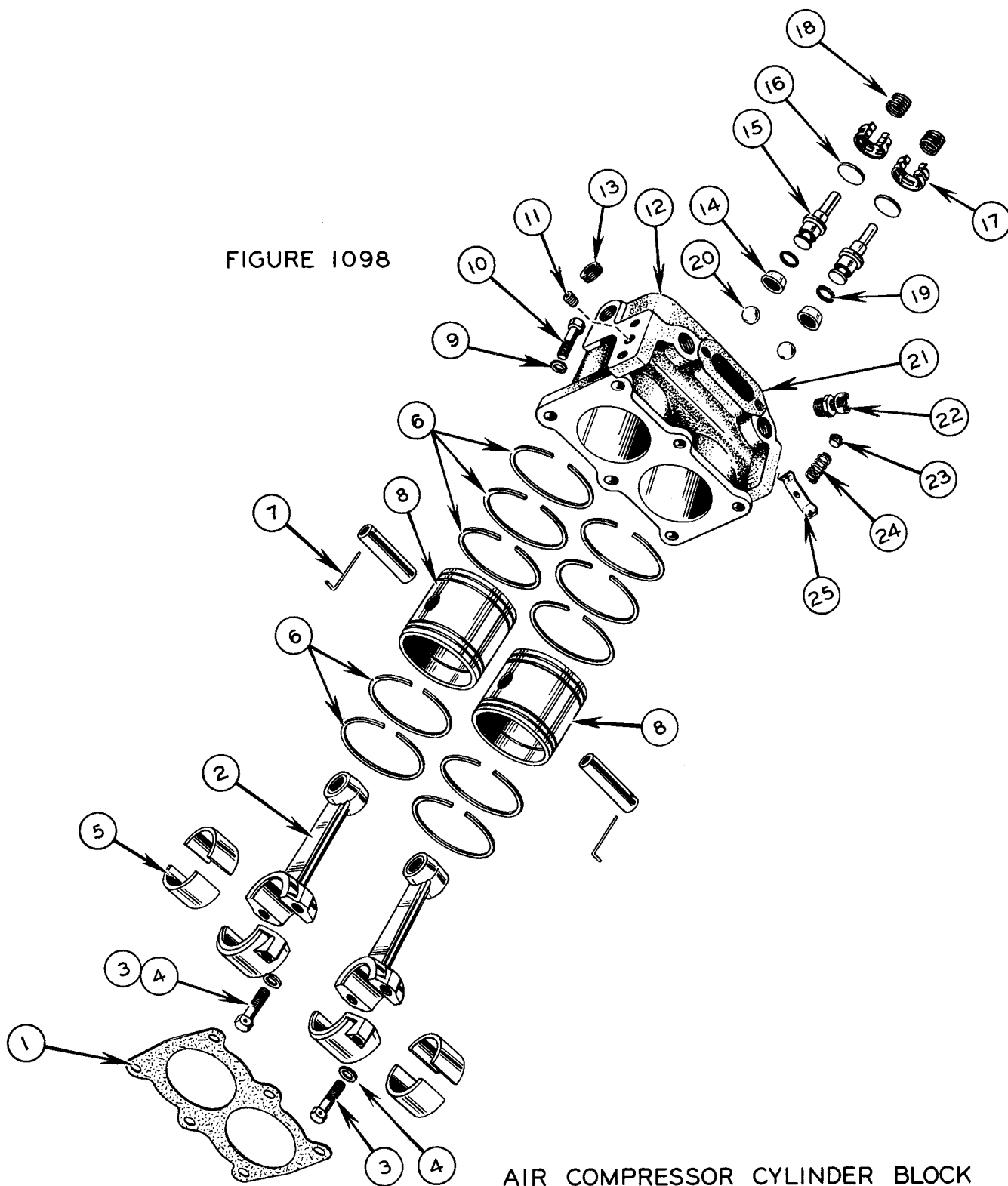
FIGURE 1097

AIR COMPRESSOR CYLINDER HEAD

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	TC-7818	GASKET	1
2		CYLINDER HEAD	1
3	TC-4443	SEAT, DISCHARGE VALVE	2
4	SG-1463	VALVE, DISCHARGE	2
5	SG-1271	SPRING, DISCHARGE VALVE	2
6	SL-3051	NUT, CAP	2
7	SH-1272	PLUG, PIPE (Included in TG-5470 Air Compressor Assembly)	2
	TG-9687	PLUG, PIPE - 3/8" (Included in VC-8280 & VH-5460 Air Compressor Assys.) .	2
8	SV-4721	CAPSCREW	10
9	SV-1319	LOCKWASHER	10
10	SG-1289	STUD	2
11	SF-4803	GASKET	1
12	C-9656	NUT	2
		NOT SHOWN	
	DL-1239	DISCHARGE FITTING	1
		NOTE: SP-9026 CYLINDER HEAD COMPLETE INCLUDES REF. NOS. 2 THRU 6.	
		SP-9028 CYLINDER HEAD BODY COMPLETE INCLUDES REF. NOS. 2 & 3.	
		TG-5470 (B.W. #275039) & VC-8280(B.W. #277463) & VH-5460 (B.W. #279312) COMPLETE AIR COMPRESSORS INCLUDE CYLINDER HEAD, CYLINDER BLOCK & CRANKCASE.	

FIGURE 1098



AIR COMPRESSOR CYLINDER BLOCK

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1098

AIR COMPRESSOR CYLINDER BLOCK

TU-FLO 500

Ref. No.	Part No.	Description	Qty.
1	SG-1294	GASKET	1
2	TF-9886	CONNECTING ROD & CAP COMPLETE	2
3	TF-9887	BOLT	4
4	TF-9889	LOCKWASHER	4
5	TF-9888	INSERT	4
6	TC-7805	RING SET, PISTON (Included in TG-5470 Air Comp. Assy.)	1
	TV-9932	RING SET, PISTON (Included in VC-8280 Air Comp. Assy.)	1
	SR-8570	RING SET, PISTON (Included in VH-5460 Air Comp. Assy.)	1
7	SL-3044	WIRE, LOCK	2
8	TC-7828	PISTON & PIN ASSEMBLY (Included in TG-5470 & VC-8280 Comp. Assys.) ...	2
	TD-7172	PISTON & PIN ASSEMBLY(Included in VH-5460 Comp. Assy.)	2
9	SV-6828	LOCKWASHER	6
10	SR-4599	CAPSCREW	6
11	SG-6560	PLUG, PIPE - 1/4"	1
12	TC-7812	CYLINDER BLOCK BODY COMPLETE	1
13	SH-1272	PLUG, PIPE - 3/8" (Included in TG-5470 Air Comp. Assy.)	3
	TG-9687	PLUG, PIPE - 3/8" (Included in VC-8280 & VH-5460 Air Comp. Assys.) ...	5
14	TC-7813	CUP, UNLOADER	2
15	TC-7819	PISTON, UNLOADER	2
16	SL-3039	VALVE, INLET	2
17	TC-7817	GUIDE, INLET VALVE	2
18	SL-3040	SPRING, INLET VALVE	2
19	SR-7005	GROMMET	2
20	TH-3652	STOP, UNLOADER CUP	2
21	SL-3045	GASKET	1
22	SV-4726	COCK, DRAIN	1
23	SP-9040	SEAT, UNLOADER SPRING	1
24	SL-3037	SPRING, UNLOADER	1
25	TC-7814	SADDLE, UNLOADER SPRING	1
NOT SHOWN			
	VF-5215	PLATE, STRAINER (Included in VH-5460 Air Comp. Assy.)	1
NOTE: TH-3658 CONNECTING ROD COMPLETE INCLUDES REF. NOS. 2, 3 & 5. TG-5470 (B.W. #275039) & VC-8280 (B.W. #277463) & VH-5460 (B.W. #279312) COMPLETE AIR COMPRESSORS INCLUDE CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE. TG-9657 UNLOADER PISTON COMPLETE INCLUDES REF. NOS. 15 & 19. TG-9656 CYLINDER BLOCK COMPLETE INCLUDES REF. NOS. 12, 14, 15, 19, 20 & 23 THRU 25.			

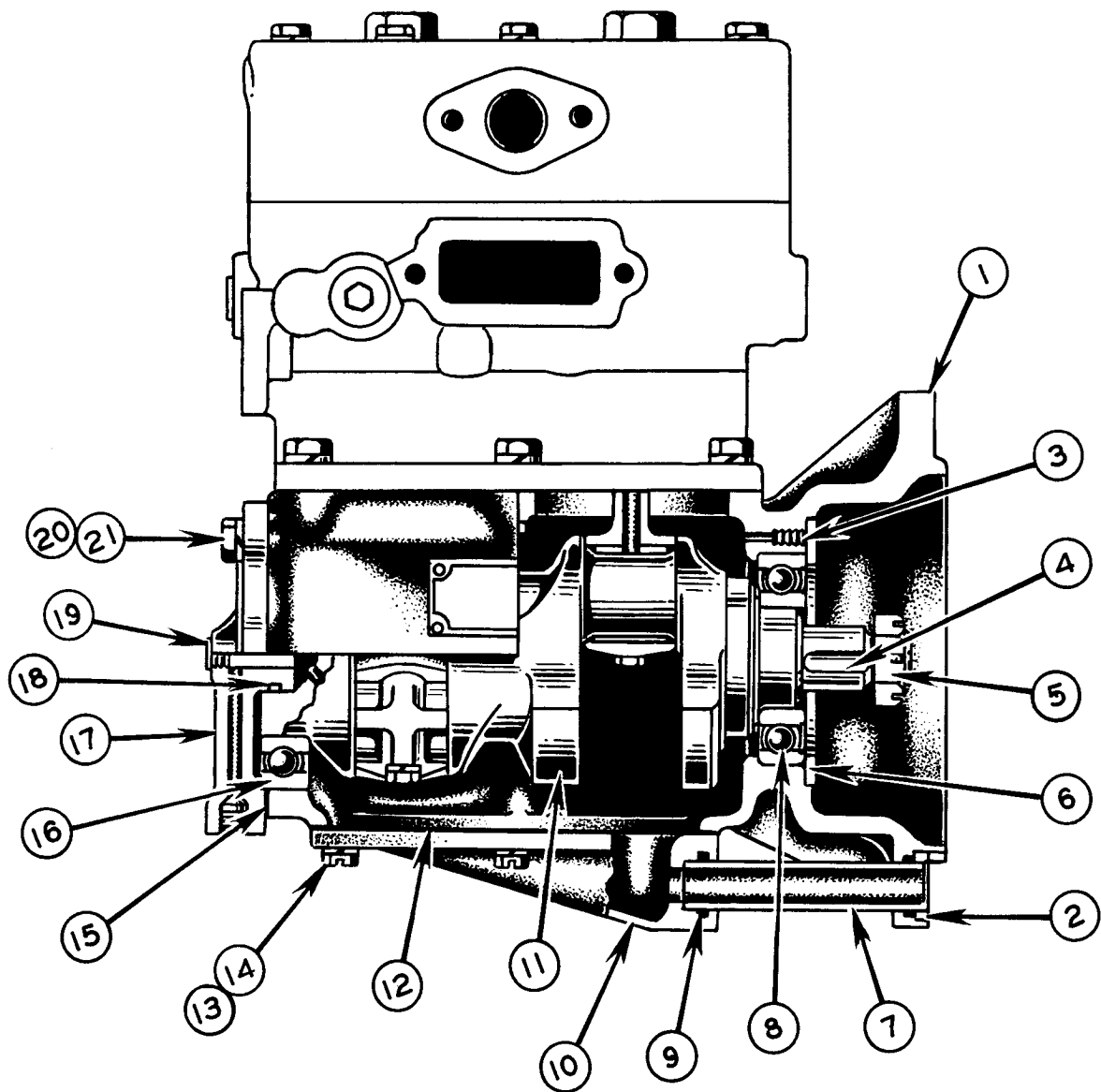


FIG. 1398

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1398

AIR COMPRESSOR CRANKCASE

Ref. No.	Part No.	Description	Qty.
1	TH-3650	CRANKCASE	1
2	TH-3651	RETAINER	1
3	TH-3655	MACHINE SCREW	3
4	TH-3664	KEY	1
5	SG-1187	NUT	1
6	TH-3654	RETAINER	1
7	TH-3661	OIL RETURN PIPE	1
8	SV-4730	BALL BEARING	1
9	TH-3662	GROMMET	2
10	TH-3660	COVER	1
11	TH-3653	CRANKSHAFT	1
12	TH-3659	GASKET	1
13	TH-3663	CAPSCREW	6
14	C-5774	LOCKWASHER - 1/4"	6
15	SG-1296	GASKET	1
16	SP-9037	BALL BEARING	1
17	TH-3656	REAR END COVER	1
18	SG-1251	OIL SEAL RING	1
19	TH-3657	PIPE PLUG - 1/8"	1
20	SV-4719	CAPSCREW	4
21	SV-1319	LOCKWASHER - 5/16"	4
TG-5470 (B. W. #275039) COMPLETE AIR COMPRESSOR INCLUDES CYLINDER HEAD, CYLINDER BLOCK AND CRANKCASE.			

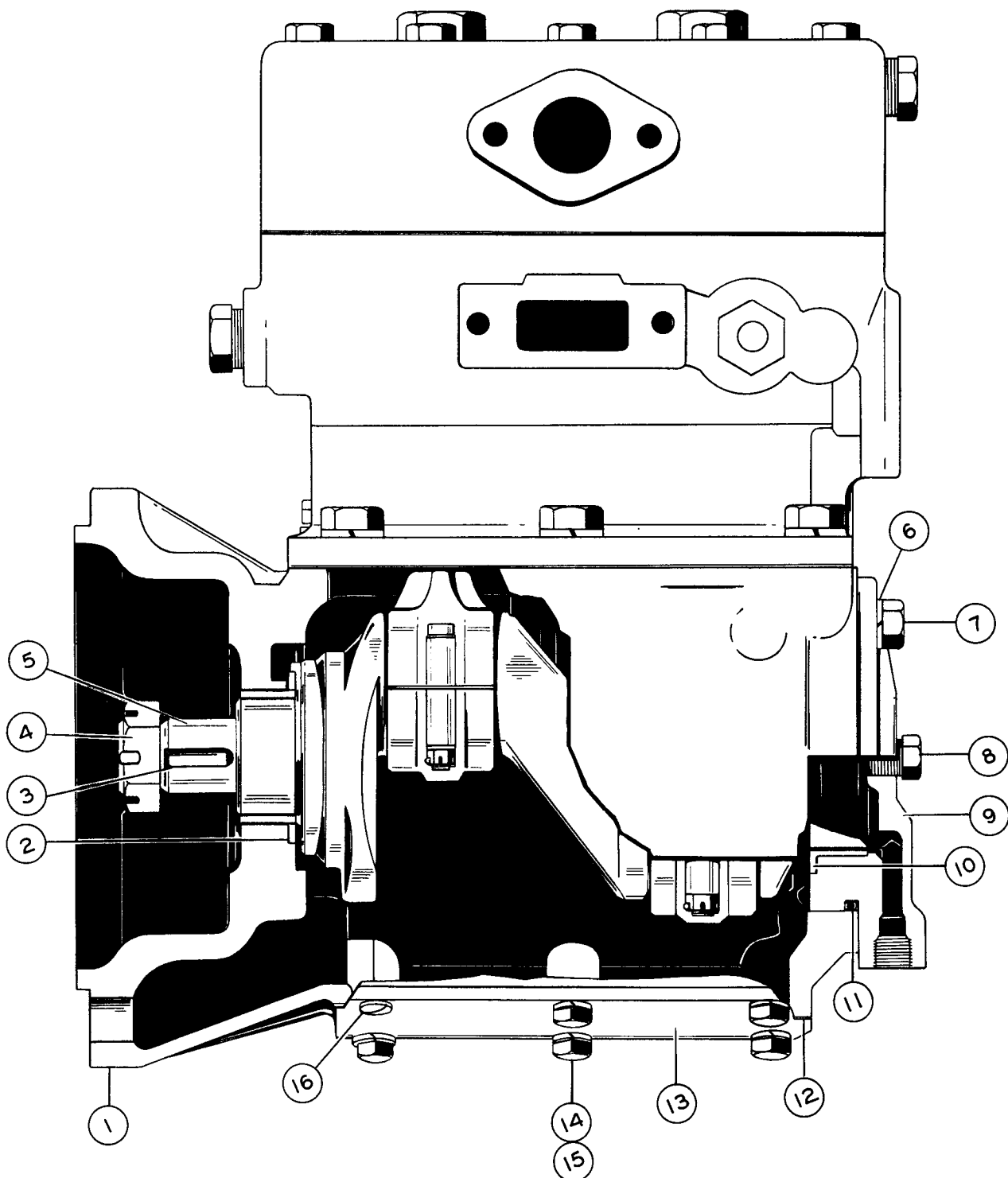


FIG. 2407

AIR COMPRESSOR CRANKCASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2407

AIR COMPRESSOR CRANKCASE

Ref. No.	Part No.	Description	Qty.
1	VF-7400	CRANKCASE	1
2	VD-7029	WASHER, THRUST	1
3	VF-5249	KEY, CRANKSHAFT	1
4	SG-1187	NUT, CRANKSHAFT	1
5	VF-5243	CRANKSHAFT	1
6	SV-1319	LOCKWASHER - 5/16"	4
7	VD-7032	CAPSCREW - 5/16" - 18NC	4
8	TH-3657	PLUG, PIPE - 1/8"NPT	1
9	VF-5244	COVER, REAR END	1
10	VF-5488	WASHER, THRUST	1
11	TF-9883	GROMMET, REAR END COVER	1
12	TH-3659	GASKET, COVER	1
13	VF-5246	COVER	1
14	VF-5248	CAPSCREW - 1/4" - 20NC	1
15	C-5774	LOCKWASHER - 1/4"	5
16	VF-5247	SCREW, FLAT HEAD - 1/4" - 20NC	5
VC-8280 (B.W. #277463) & VH-5460 (B.W. #279312) COMPLETE AIR COMPRESSORS INCLUDE CYLINDER HEAD, CYLINDER BLOCK & CRANKCASE.			

ENGINE MISCELLANEOUS

FIGURE 1412

ENGINE MISCELLANEOUS

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TG-9292	Meter, Engine Hour (See Index) *..	1	15	DL-4349	Bracket, Mount-Fuel Strainer ..	1
2		Compressor, Air (See Index) ...	1	16	C-1601	Screw, Cap-3/8"-16nc x 3/4" ..	4
3	TG-6367	Muffler-R. H. **	1	17	DC-7524	Screw, Cap-3/8"-16nc x 1" ..	2
	VH-6562	Muffler-R. H. ***	1	18	C-312	Washer, Lock-3/8"	6
	TG-6368	Muffler-L. H. **	1	19	DC-8164	Clamp ç	2
	VH-6563	Muffler-L. H. ***	1	20	C-5774	Washer, Lock-1/4" ç	2
	DH-4774	Washer	10	21	H-8136	Screw, Cap-1/4"-20nc x 1/2" ç .	2
	TF-8136	Nut, Lock	4	22	DL-5088	Bracket ç	1
	TG-8136	Gasket, Manifold	2	23	DL-5087	Bracket ç	1
4	SC-4294	Clamp	2	24	HD-1922	Cable, Engine Shut-Down ç ..	1
5	C-1605	Screw, Cap-3/8"-16nc x 1 3/4"...	2	25	TH-6259	Clamp, Wire & End	1
6	C-312	Washer, Lock-3/8"	2				
7	DC-4891	Nut-3/8"-16nc	2			Not Shown	
8	TG-6377	Pipe, Exhaust #	2	TH-2742	Screw, Cap çç		2
	VL-3879	Pipe, Exhaust-L. H. (Bent) ## ...	1	C-5762	Screw, Cap ççç		2
	VL-3880	Pipe, Exhaust-R. H. (Bent) ## ...	1	C-1541	Washer, Lock-5/8"		2
9	HD-8393	Cap, Rain #	2	DL-4400	Bracket, Engine Shut-Down ç ..		1
10	TG-7430	Fan	1	DL-4401	Screw, Cap- Special ç		1
11	C-7570	Screw, Cap-5/16"-24nf x 1" ### ..	6	C-1538	Washer, Lock-5/16" ç		1
	C-7572	Screw, Cap-5/16"-24nf x 2" π ...	6	C-1520	Nut-5/16"-18nc ç		1
12	C-1538	Washer, Lock-5/16"	6	DL-6742	Plug & Key Assembly (Eng. Fly- wheel Housing) %		1
13	C-5572	Nut-5/16"-24nf	6	TR-2122	Motor, Starter %%		1
14	DL-4348	V-Belt Set (2 Belts) ππ	1	C-1541	Washer, Lock-5/8" %%		3
→	VH-2543	V-Belt Set (2 Belts) πππ	1	C-1629	Screw, Cap-5/8"-11nc x 1 3/4" %%%		3

Notes:

- * Effective thru Serial Suffix CPF6-K.
- ** Effective thru Serial Suffix CPF6-R & CPA-A.
- *** Effective with Serial Suffix CPF6-S & CPA6-B.
- # Effective thru Serial Suffix CPF6-S & CPA6-B.
- ## Effective with Serial Suffix CPF6-T & CPA6-C.
- ### Effective thru Serial Suffix CPF6-N.
- π Effective with Serial Suffix CPF6-R & CPA6.
- ππ Effective with Serial Suffix CPF6.
- πππ Effective with Serial Suffix CPA6.
- ç Effective thru Serial Suffix CPF6-M.
- çç Effective thru Serial Suffix CPF6-D.
- ççç Effective with Serial Suffix CPF6-E & CPA6.
- % Effective with Serial Suffix CPF6-H & CPA6.

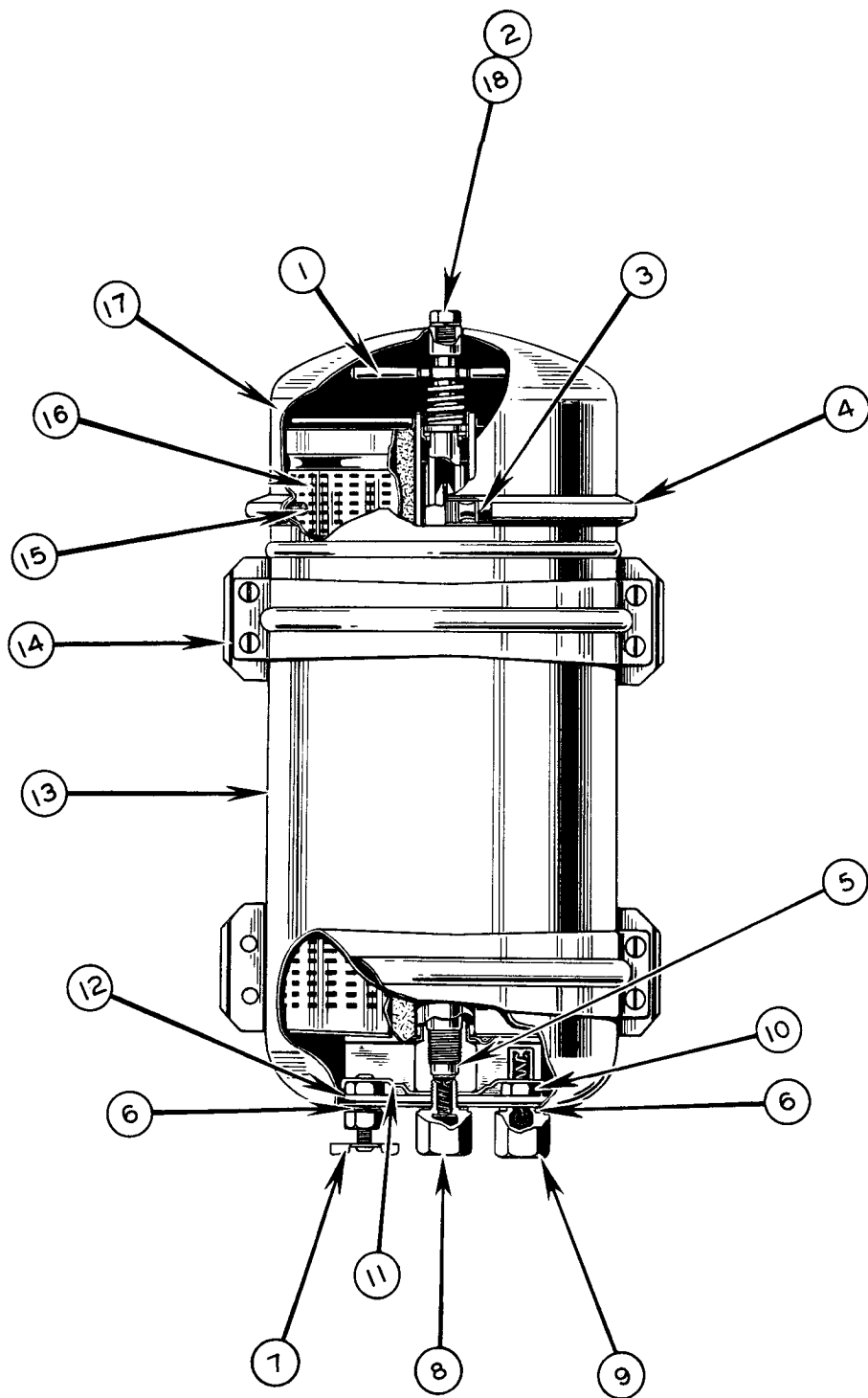


FIG. 865

LUBE OIL FILTER

WESTERN EQUIPMENT CO.



505 North 24th Street / P. O. Box 30438 / Billings, Montana 59107 / 406-259-5501
2322 River Drive / P. O. Box 2507 / Great Falls, Montana 59403 / 406-453-1405
1700 Rankin / P. O. Box 3387 / Missoula, Montana 59801 / 406-728-2660

Utectic - flux coated gas rod
Charley ^{Partsman} Curia Rocky Mtn.
307-234-7303 Mach.

Vern Slade - San Diego
Lakeside
714-443-3164 home

P.O. 608
Slade Sales & Service
California, Corp

1-307-

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 865

LUBE OIL FILTER DL-4727 - VH-5966

Ref. No.	Part No.	Description	Qty.
1	SP-3251	FILTER ASSEMBLY, LUBE OIL	1
	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
2	SL-3076	CAPSCREW	1
3	TG-6047	BOLT, CLAMP	1
	TG-6048	BOLT, HINGE	1
4	TF-9890	CLAMPING RING ASSEMBLY	1
5	SL-208	TUBE & NUT ASSEMBLY	1
6	SL-210	WASHER, COPPER	3
7	TC-7801	DRAIN COCK	1
8	SL-5465	CHECK VALVE ASSEMBLY	1
	SL-211	HOLLOW BOLT	1
9	SL-217	CHECK VALVE ASSEMBLY	1
	SL-9332	HOLLOW BOLT	1
10	TF-1350	NUT - 5/8" - 18NF	2
11	TD-7199	RETAINER	1
12	TD-7198	PACK SUPPORT	1
13	SP-1200	HOUSING	1
14	SL-9343	MOUNT BRACKET	2
	SL-9342	BRACKET	2
	SL-9341	BRACKET BAND	2
	SL-9329	SCREW	8
	SL-9330	NUT	8
15	SL-9335	GASKET	1
16	SD-1311	FILTER ELEMENT	1
17	SP-1202	COVER	1
18	SL-3077	WASHER	1
NOT SHOWN			
	TF-4142	HOSE ASSEMBLY - 1/4" x 45" *	1
	TF-4144	HOSE ASSEMBLY - 1/4" x 48" *	1
	TD-9719	ADAPTOR *	2
	S-5823	BUSHING - 1/2" x 1/4"	2
	R-86	BUSHING - 3/8" x 1/4" *	1
	H-2676	HOSE CLAMP *	2
	C-1602	CAPSCREW - 3/8" - 16NC x 1"	8
	C-312	LOCKWASHER - 3/8"	8
	C-1521	NUT - 3/8" - 16NC	8
	SD-5208	BUSHING, REDUCING - 3/4" x 1/4" **	1
	TD-9747	ADAPTOR - 1/4"NPT x 1/2" JIC x 90° **	4
	TF-4121	HOSE ASSEMBLY - 1/4" x 16" **	1
	TF-4131	HOSE ASSEMBLY - 1/4" x 30" **	1
	VH-1743	PLATE, MOUNT **	1
	VH-5963	MOUNT, FILTER **	1
	C-1523	NUT - 1/2" - 13NC **	4
	C-1540	WASHER, LOCK - 1/2" **	4
	C-1613	SCREW, CAP - 1/2" - 13NC x 1 1/4" **	4
* INCLUDED IN DL-4724 LUBE OIL FILTER GROUP. ** INCLUDED IN VH-5966 LUBE OIL FILTER GROUP. (OPTIONAL) (LUBERFINER MODEL 750C)			

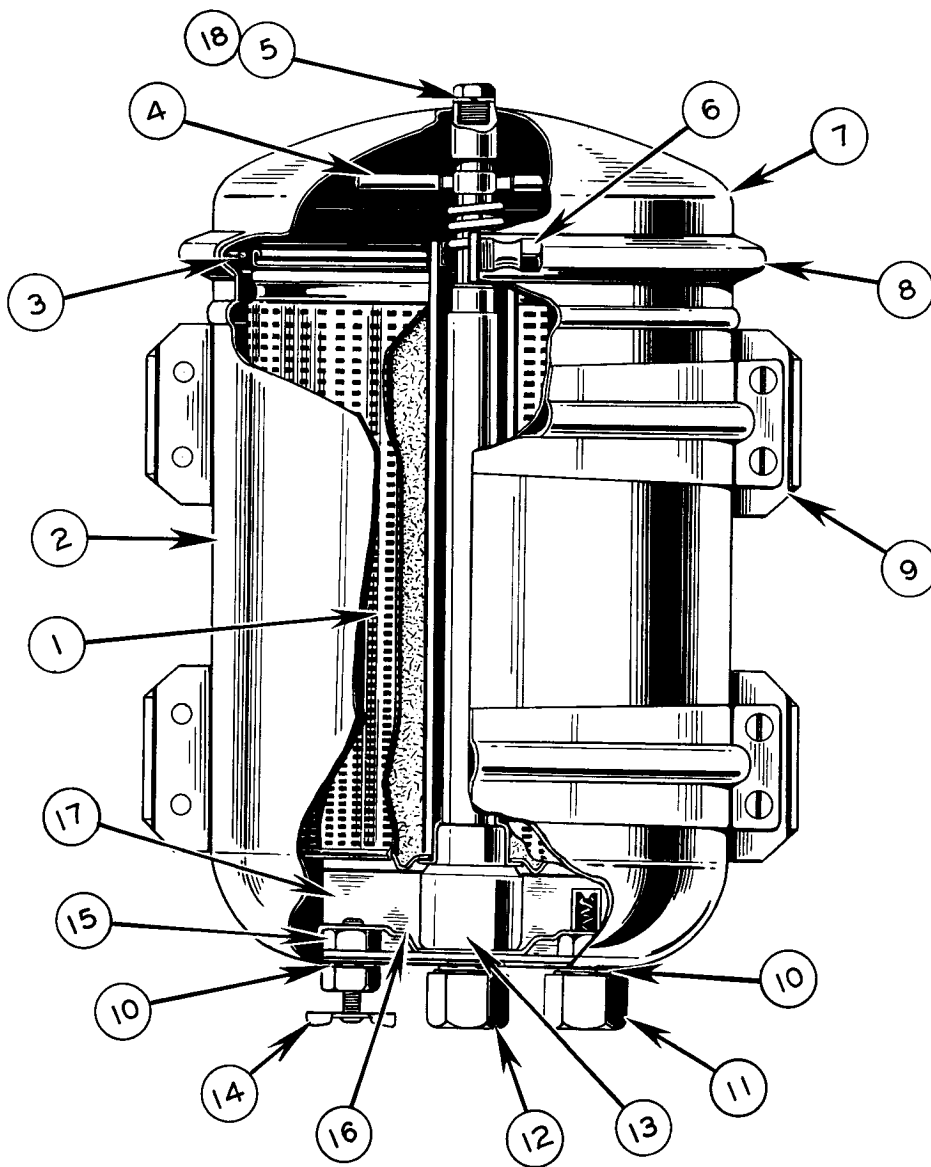


FIG. 866

FUEL OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 866

FUEL OIL FILTER ASSEMBLY SL-9349

Ref. No.	Part No.	Description	Qty.
1	SH-8986	FILTER ELEMENT	1
2	SL-9345	HOUSING	1
3	TD-7197	GASKET	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	3
	SL-9339	WASHER, NEOPRENE	1
5	SL-3076	CAPSCREW	1
6	TG-6047	BOLT, CLAMP	1
	TG-6048	BOLT, HINGE	1
7	SL-9346	COVER	1
8	TF-9890	CLAMPING RING ASSEMBLY	1
9	SL-9343	MOUNT BRACKET ASSEMBLY	2
	SL-9342	BRACKET	2
	SL-9341	BAND	2
	SL-9329	SCREW	8
	SL-9330	NUT	8
10	SL-210	GASKET	3
11	SL-9332	HOLLOW BOLT	1
12	SL-211	HOLLOW BOLT	1
13	SL-209	TUBE & NUT ASSEMBLY	1
14	TC-7801	DRAIN COCK	1
15	TF-1350	NUT - 5/8" - 18 NF	2
16	TD-7199	RETAINER	1
17	TD-7198	PACK SUPPORT	1
18	SL-3077	WASHER	1
NOT SHOWN & NOT INCLUDED IN SL-9349 ASSEMBLY			
	DL-4729	TUBE ASSEMBLY - 3/8" x 25 7/8"	1
	DL-4731	TUBE ASSEMBLY - 3/8" x 25 3/4"	1
	TC-3630	FLEX ELBOW	2
	H-3018	BUSHING - 1/2" x 3/8"	2
	C-1602	CAPSCREW - 3/8" - 16 NC x 1"	6
	C-312	LOCKWASHER - 3/8"	6
	C-1521	NUT - 3/8" - 16 NC	6
DL-4733 FILTER GROUP INCLUDES REF. NOS. 1 THRU 18 AND ALL ITEMS NOT SHOWN.			
(OPTIONAL) (LUBERFINER MODEL 500C)			

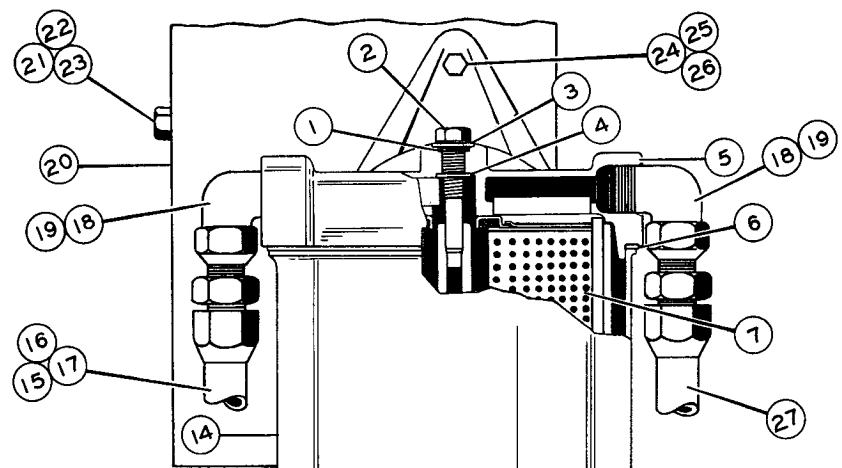


FIG. 2399 A
FUEL FILTER

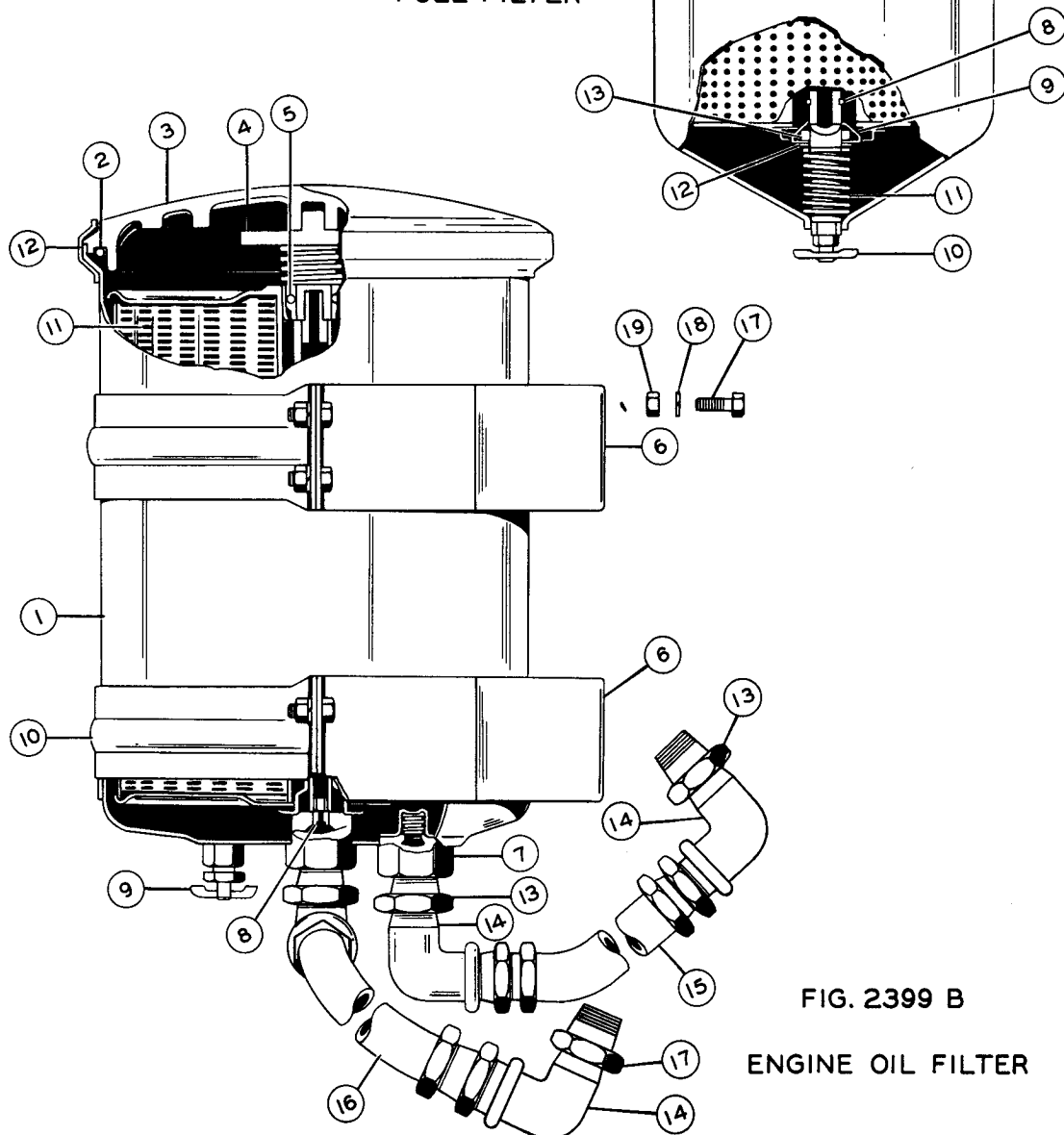


FIG. 2399 B
ENGINE OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2399A

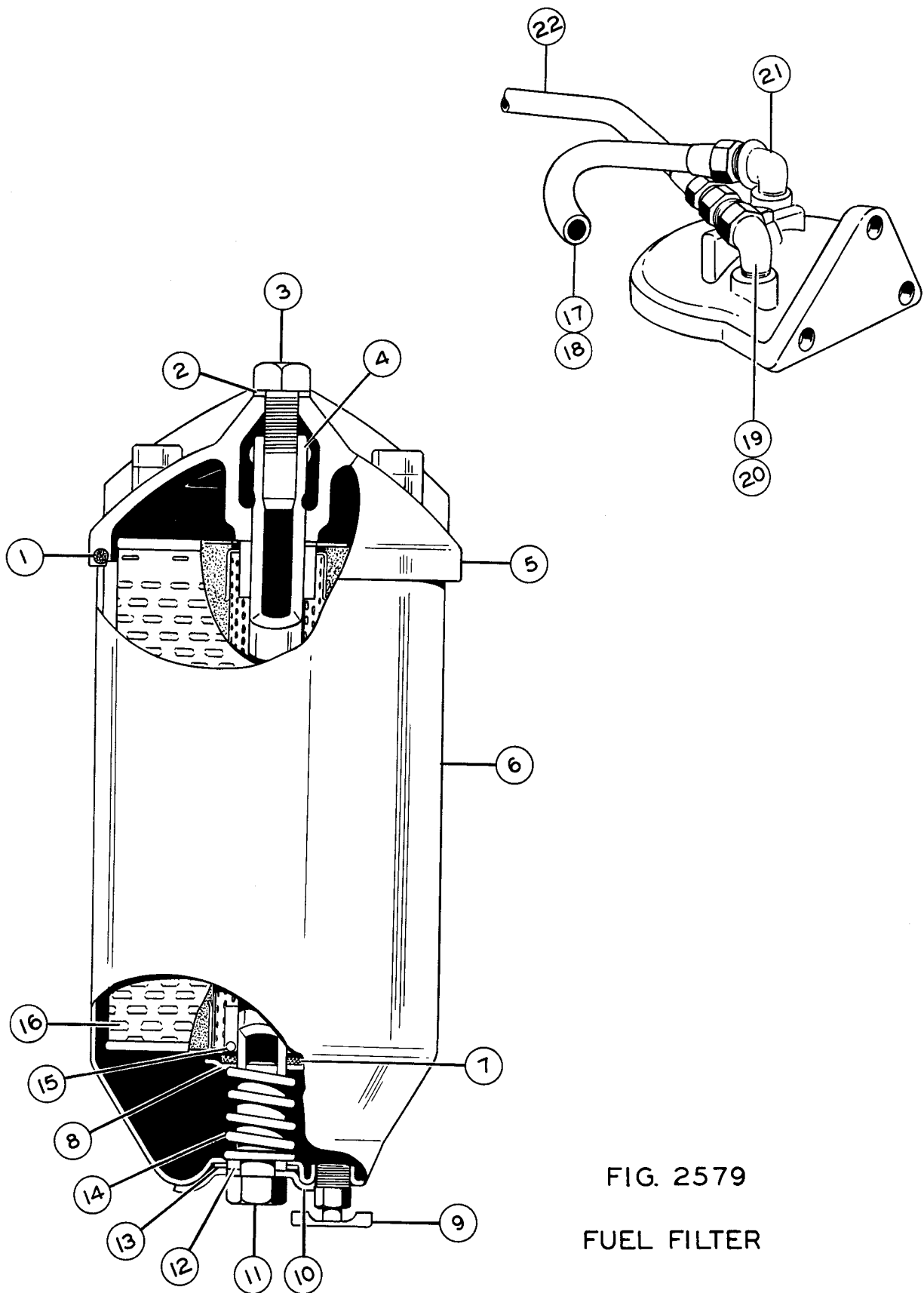
FUEL FILTER - VF-3727 - VH-5964

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	VF-1577	Fuel Filter Assembly	1	16	R-2510	Nipple, Close - 1/4"npt	1
1	VF-2439	"O" Ring	1	17	TV-5194	Elbow, Reducing-1/4"npt x 1/2"npt.	1
2	VF-2437	Capscrew	1	18	TH-7589	Elbow - 90°	2
3	VF-2438	Washer	1	19	TF-5195	"O" Ring	2
4	VF-2441	Ring, Grip	1	20	VF-3723	Mount, Filter *	1
5	VF-2435	Head	1		VH-5963	Mount, Filter **	1
6	VF-2440	Gasket	1	21	C-1613	Capscrew-1/2"-13nc x 1 1/4" ...	4
7	VC-8812	Element, Filter <i>1. P. 617</i>	1	22	C-1540	Lockwasher - 1/2"	4
8	VF-2442	Ring, Grip	1	23	C-1523	Nut - 1/2" - 13nc	4
9	VF-2443	Support	1	24	C-1603	Capscrew-3/8"-16nc x 1 1/4" ...	3
10	VF-2447	Cock, Drain	1	25	C-312	Lockwasher - 3/8"	3
11	VF-2446	Spring	1	26	C-1521	Nut - 3/8" - 16nc	3
12	VF-2445	Washer	1	27	VF-3729	Hose Assembly	1
13	VF-2444	Seal, Pilot	1			Not Shown	
14	VF-2436	Shell Assembly	1				
15	VF-3730	Hose Assembly	1		VH-1743	Plate, Mount **	1
				* Included in VF-3727 Fuel Filter Group. ** Included in VH-5964 Fuel Filter Group.			
				(Optional)			

FIGURE 2399B

ENGINE LUBE FILTER VG-5189 - VH-5965

	VF-1576	Lube Oil Filter Assembly	1	14	TD-9747	Adaptor-1/4"npt x 1/2"jic x 90° ..	4
1		Shell Assy. (Not Serviced) ...	1	15	TF-4131	Hose Assembly - 1/4" x 27" ...	1
2	VF-2422	"O" Ring	1	16	TF-4121	Hose Assembly - 1/4" x 16" ...	1
3	VF-2421	Cover	1	17	SD-5208	Bushing, Reducing - 3/4"x 1/4" ..	1
4	VF-2426	Support Assembly, Upper ...	1	18	C-1602	Capscrew - 3/8"-16nc x 1" ...	8
5	VF-2427	"O" Ring	1	19	C-312	Lockwasher - 3/8"	8
6	VF-2432	Bracket, Mount	2	20	C-1521	Nut - 3/8" - 16nc	8
7	VF-2428	Valve Assembly, Inlet ...	1			Not Shown	
	VF-2429	Gasket	1		VF-3723	Mount, Filter *	1
8	VF-2431	Orifice, Flow Restriction ...	1		VH-5963	Mount, Filter **	1
9	VF-2430	Cock, Drain-3/8"npt ...	1		C-1613	Capscrew-1/2"-13nc x 1 1/4" ...	4
10	VF-2433	Strap, Mount Bracket ...	2		C-1540	Lockwasher - 1/2"	4
11	SD-1311	Element, Filter	1		C-1523	Nut - 1/2" -13nc	4
12	VF-2423	Coupling Assembly	1		VH-1743	Plate, Mount **	1
13	S-5823	Bushing, Reducing-1/2" x 1/4" ...	3				
				* Included in VG-5189 Lube Oil Filter Group. ** Included in VH-5965 Lube Oil Filter Group.			
				(Optional)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2579

FUEL OIL FILTER - VH-5950

Ref. No.	Part No.	Description	Qty.
	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	VL-6660	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, RETAINER	1
16	VF-4983	ELEMENT, FILTER	1
17	VF-3731	HOSE ASSEMBLY	1
18	TG-7442	ADAPTOR - 1/4"NPT x 3/4"JIC x 90°	1
19	TD-9740	ADAPTOR - 1/2"NPT x 3/4"JIC x 90°	1
20	E-2579	NIPPLE, CLOSE - 1/2"NPT	1
21	F-4037	ELL, STREET - 1/2"NPT x 90°	1
22	VF-3732	HOSE ASSEMBLY	1
NOT SHOWN			
	C-1614	SCREW, CAP - 1/2"-13NC x 1 1/2"	3
	C-1523	NUT - 1/2" - 13NC	7
	C-1540	WASHER, LOCK - 1/2"	7
	VH-1743	PLATE, MOUNT	1
	VH-5963	MOUNT, FILTER	1
	C-1613	SCREW - 1/2" - 13NC x 1 1/4"	4
(OPTIONAL)			

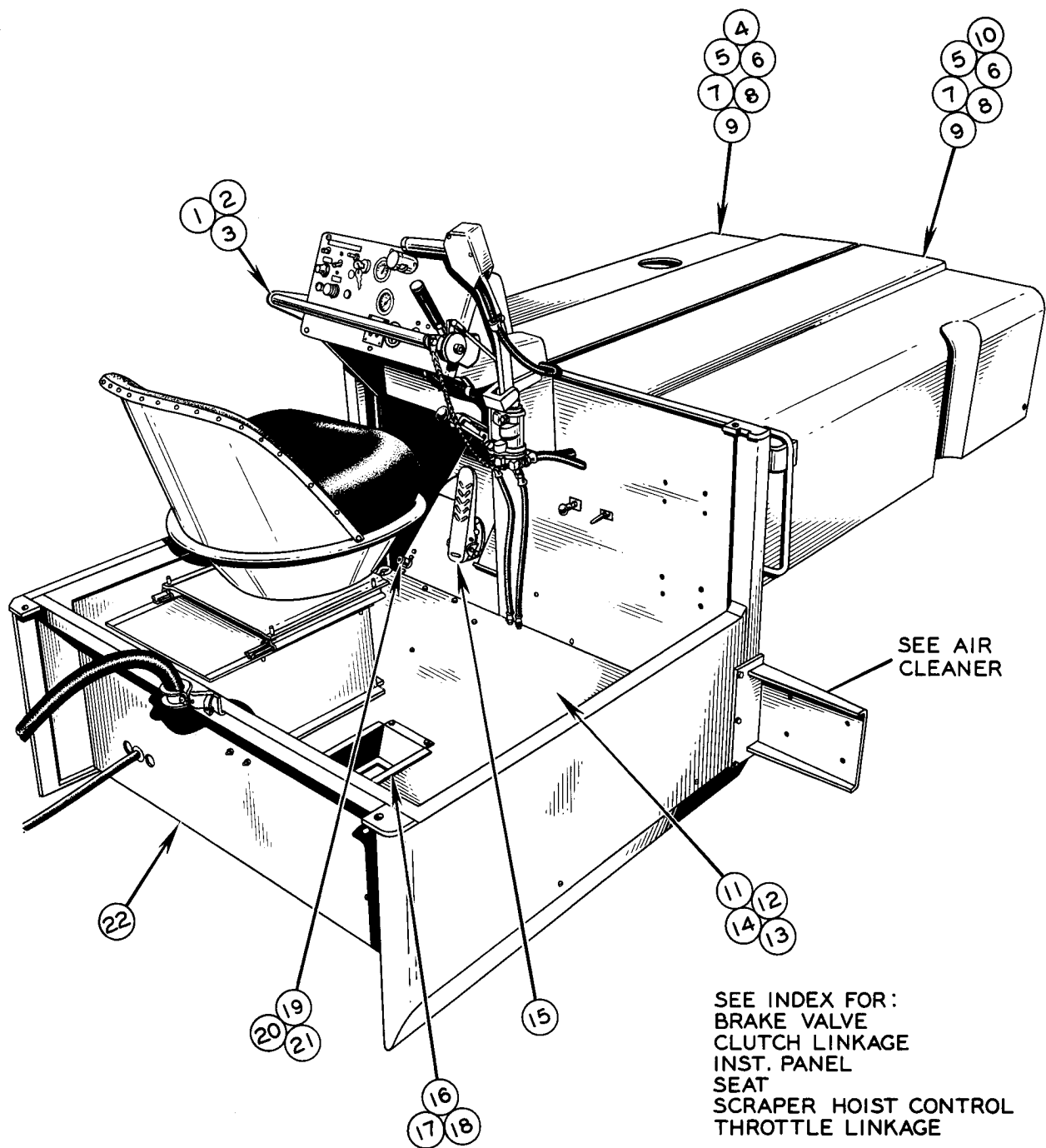


FIG. 1386

COCKPIT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1386

COCKPIT

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	DC-8620	Rail, Hand	1		TH-8731	Cockpit ππ	1
2	TV-7699	Capscrew-3/8"-24nf x 3/4" ...	2		DL-6736	Cockpit ç	1
3	TC-1231	Lockwasher - 3/8"	2		DL-7747	Cockpit @	1
4	TG-7970	Hood - L.H. *	1				
	DL-4684	Hood - L.H. **	1			Not Shown	
5	TD-789	Capscrew-3/8"-16nc x 1 3/4" ...	6		TG-9709	Block (for hood)	2
6	TG-5720	Capscrew-3/8"-16nc x 1" ...	8		VC-1388	Capscrew-5/8"-11nc x 2"	2
7	TC-1232	Washer - 3/8"flat	20		TV-1748	Capscrew-5/8"-11nc x 1 1/2" .	2
8	TC-1231	Lockwasher - 3/8"	10		VC-1390	Lockwasher - 5/8"	4
9	TC-1233	Nut - 3/8" - 16nc	10		C-1525	Nut - 5/8" - 11nc	2
10	TG-7971	Hood - R.H. *	1		DC-6143	Clamp - 1"	6
	DL-4683	Hood - R.H. ***	1		CC-7201	Screw-1/4"-20nc x 3/4"	19
	TG-9737	Hood - R.H. π	1		C-5774	Lockwasher - 1/4"	25
	TL-1157	Hood - R.H. @@	1		C-5780	Nut - 1/4" - 20nc	23
11	DL-3920	Plate, Floor - R.H.	1		R-1709	Clamp - 1/4"	5
	DL-6737	Plate, Floor - R.H. ç	1		DF-1870	Clamp	15
	DL-7746	Plate, Floor - R.H. @	1		DC-5036	Clamp - 1/2"	2
	TH-6251	Plate, Floor - Center çç	1		C-1599	Capscrew-5/16"-18nc x 1 1/2" .	2
	DL-6453	Plate, Floor - Center %	1		C-1538	Lockwasher - 5/16"	2
	TH-6253	Plate, Floor - L.H. çç	1		C-1520	Nut - 5/16" - 18nc	2
	TL-6670	Plate, Floor - L.H. %	1		DC-5019	Gasket	1
12	DD-6297	Screw - #12-24nc x 1/2" ##	6		DF-1310	Grommet, Cable	3
	TD-1809	Capscrew-1/4"-20nc x 3/4" #	16		DL-463	Guard - sponge rubber	1
13	DC-5002	Lockwasher - #12 ##	6		DL-1371	Grommet - Rubber	1
	TD-796	Lockwasher - 1/4" #	16		H-8136	Capscrew-1/4"-20nc x 1/2"	6
14	TR-1307	Washer - 1/4"flat #	16		C-1605	Capscrew-3/8"-16nc x 1 3/4" .	3
15	SL-9943	Valve, Brake-See Index	1		C-312	Lockwasher - 3/8"	3
16	DG-5410	Pocket, Gear Post %%	1		TG-357	Adj. Assy., Seat - L.H.	1
17	C-5746	Capscrew-1/4"-20nc x 3/4"%% ..	4		TG-356	Adj. Assy., Seat - R.H.	1
18	C-5774	Lockwasher - 1/4" %%	4		TD-1684	Nut - 5/16" - 24nf	8
19	TD-9426	Switch, Dimmer	1		SC-4174	Lockwasher - 5/16"	8
20	H-8136	Capscrew-1/4"-20nc x 1/2" ...	3		TV-177	Washer - 5/16" flat	8
21	C-5774	Lockwasher - 1/4"	3		DG-8905	Clamp - 1 1/4"	2
22	TG-4820	Cockpit *	1		DL-3836	Shield, Dirt	1
	DL-4776	Cockpit ***	1		C-5746	Capscrew-1/4"-20nc x 3/4" .	4
	TH-6250	Cockpit π	1		CC-6049	Screw - self tapping	4

* Effective with Serial Suffix CPF6 only.

** Effective with Serial Suffix CPF6-A & up.

*** Effective with Serial Suffix CPF6-A thru CPF6-B.

Effective with Serial Suffix CPF6-C.

Effective thru Serial Suffix CPF6-B.

π Effective with Serial Suffix CPF6-C only.

ππ Effective with Serial Suffix CPF6-D thru CPF6-G.

ç Effective with Serial Suffix CPF6-H thru CPF6-M.

çç Effective with Serial Suffix CPF6-C thru CPF6-J.

% Effective with Serial Suffix CPF6-K.

%% Effective thru Serial Suffix CPF6-J.

@ Effective with Serial Suffix CPF6-N.

@@ Effective with Serial Suffix CPF6-D.

(Effective thru Serial Suffix CPF6-N)

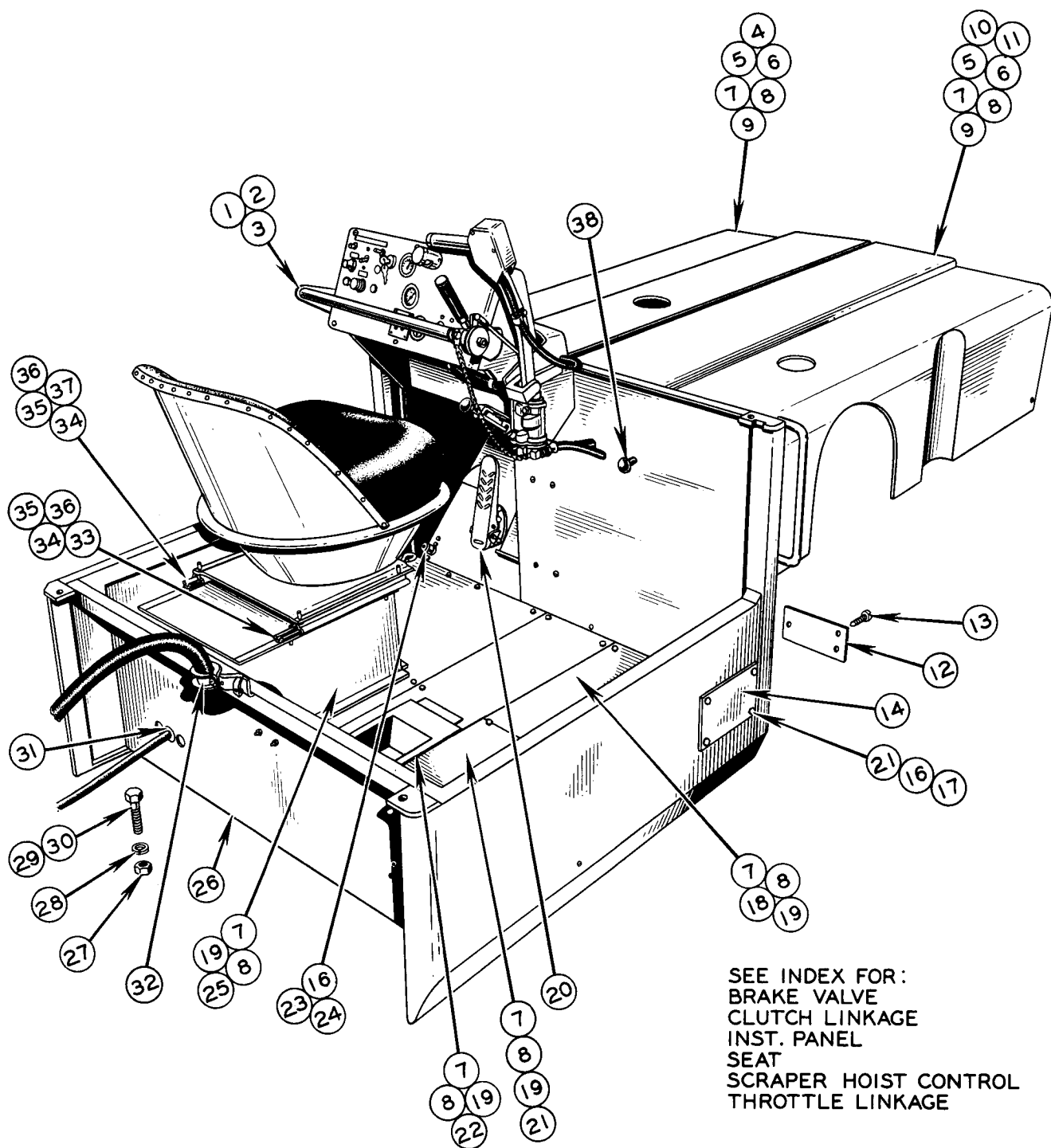


FIG. 2397

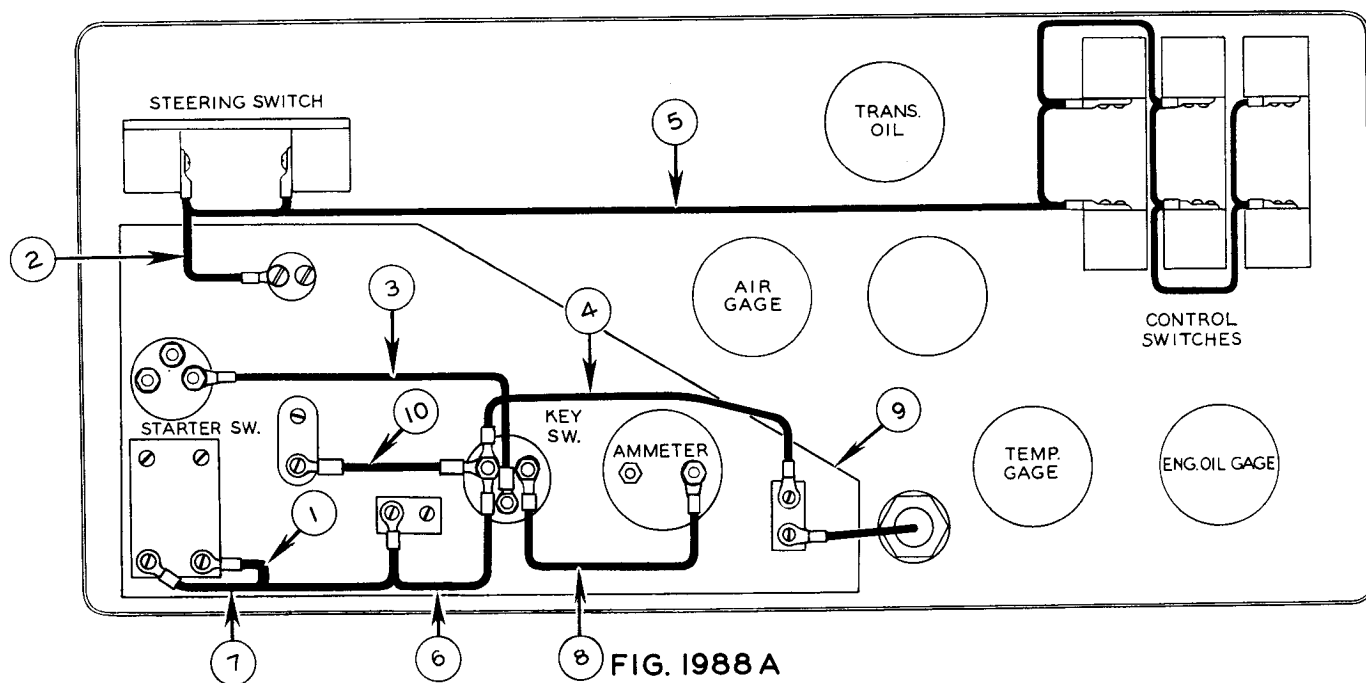
COCKPIT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2397

COCKPIT

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	DC-8620	Rail, Hand	1	26	VF-703	Cockpit *	1
2	TV-7699	Capscrew-3/8"-24nf x 3/4" ..	2		VH-1740	Cockpit **	1
3	TC-1231	Lockwasher - 3/8"	2		VH-2327	Cockpit ***	1
4	DL-4684	Hood - L.H.	1		VL-7843	Cockpit ###	1
5	TD-789	Capscrew-3/8"-16nc x 1 3/4" ..	2	27	C-1525	Nut - 5/8" - 11nc	2
6	TG-5720	Capscrew-3/8"-16nc x 1" ..	8	28	VC-1390	Lockwasher - 5/8"	4
7	TC-1232	Plain Washer - 3/8"	32	29	VC-1388	Capscrew - 5/8"-11nc x 2" ...	2
8	TC-1231	Lockwasher - 3/8"	33	30	TV-1748	Capscrew - 5/8" - 11nc x 1 1/2" ..	2
9	TC-1233	Nut - 3/8" - 16nc	9	31	DL-1371	Grommet, Rubber	1
10	VF-3254	Hood - R.H.	1	32	DF-1310	Grommet, Cable	2
11	TG-9709	Block	2		DF-1578	Capscrew - 1/4"-20nc x 1" ...	4
12	VD-9838	Cover	1		DF-1577	Nut - 1/4" - 20nc	4
13	SG-1375	Screw, Self-Tapping - #10-24 ..	4	33	VF-619	Adjuster, Seat - R.H.	1
14	VD-9836	Cover	1	34	SC-4174	Lockwasher - 5/16"-Cad.Pltd. ...	4
15	C-3145	Capscrew-1/4"-20nc x 5/8" ..	4	35	TV-177	Flatwasher - 5/16"	4
16	C-5774	Lockwasher - 1/4"	7	36	TD-1684	Nut - 5/16" - 24nf	4
17	C-5780	Nut - 1/4" - 20nc	4	37	TG-357	Adjuster, Seat, L.H.	1
18	VF-3266	Plate, Floor - R.Front #	1	38	SR-1104	Cold Weather Starting Kit ...	1
	VH-2321	Plate, Floor - R.Front ##	1				
19	TC-1234	Capscrew-3/8"-16nc x 3/4" ..	17			Not Shown	
20	VF-6236	Valve Assy., Treadle(See Index) (### Qty.2)	1		DC-4088	Bushing, Rubber	1
	C-1598	Capscrew-5/16"-18nc x 1" (###Qty.6)	3		DL-2450	Bushing, Rubber	5
	C-1538	Lockwasher - 5/16" (###Qty.6) ..	3		DC-5036	Clamp, Conduit	4
	C-1520	Nut - 5/16" - 18nc (###Qty.6) ..	3		DG-8905	Clamp, Cable	4
21	VD-4981	Plate, Floor - R.Rear #	1		CC-6174	Clamp, Jiffy	3
	VH-2318	Plate, Floor - R.Rear ***	1		DF-1870	Clamp, Jiffy	8
	VL-6574	Plate, Floor - R.Rear ###	1		DC-6142	Clamp, Cable	5
22	VD-4983	Plate, Floor - Center #	1		CC-7201	Screw, Mach.-1/4"-20nc x 3/4" ..	23
	VH-2323	Plate, Floor - Center ##	1		C-5774	Lockwasher - 1/4"	23
23	H-8136	Capscrew-1/4"-20nc x 1/2" ..	3		C-5780	Nut - 1/4" - 20nc	23
24	TD-9426	Switch Assembly, Dimmer	1		DC-8164	Clamp, Conduit	1
25	VD-4979	Plate & Seat Box	1		DC-5004	Screw, Machine #12	1
	TG-9461	Door, Tool Box	1		R-8870	Lockwasher - #12	1
					SF-9857	Nut - #12	11
		* Effective with Serial Suffix CPF6-R Only.					
		** Effective with Serial Suffix CPF6-S.					
		*** Effective with Serial Suffix CPA6 thru CPA6-A.					
		# Effective with Serial Suffix CPF6-R.					
		## Effective with Serial Suffix CPA6.					
		### Effective with Serial Suffix CPA6B.					
		(Effective with Serial Suffix CPF6-R & CPA6)					



WIRING-INSTRUMENT PANEL

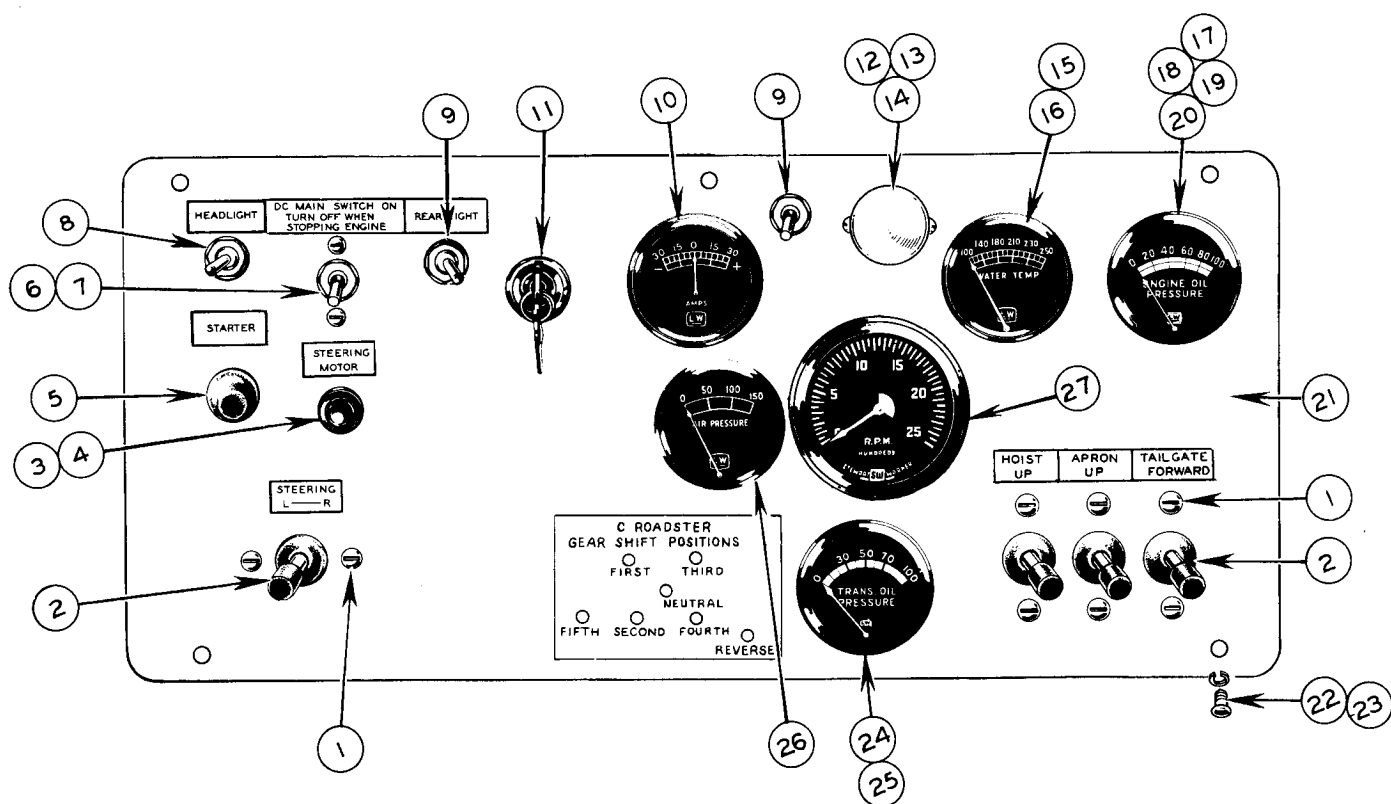


FIG. 1988 B
INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1988A

WIRING - INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	SV-837	WIRE, JUMPER	1
	DL-6577	WIRE, JUMPER *	1
2	SV-840	WIRE - CONTROL SWITCH TO WARNING LIGHT	1
	DL-6578	WIRE - CONTROL SWITCH TO WARNING LIGHT *	1
3	SV-2355	WIRE - KEY SWITCH TO STARTER SWITCH	1
	DL-6580	WIRE - KEY SWITCH TO STARTER SWITCH *	1
4	SV-2354	WIRE - KEY SWITCH TO PANEL LIGHT & DC SWITCH	2
	DL-6576	WIRE - KEY SWITCH TO PANEL LIGHT *	1
5	DD-9595	WIRE, A.C. COMMON	1
	DL-6872	WIRE, A.C. COMMON *	1
6	DH-6067	WIRE - KEY SWITCH TO REAR LIGHT SWITCH	1
7	DL-1617	WIRE - REAR LIGHT SWITCH TO HEADLIGHT SWITCH	1
8	DH-6065	WIRE - 24 VOLT FEEDER	1
9	DL-6573	UNDERLAY, PANEL *	1
10	DL-6579	WIRE - KEY SWITCH TO DC SWITCH *	1
* EFFECTIVE WITH SERIAL SUFFIX CPF6-K. (EFFECTIVE THRU SERIAL SUFFIX CPF6-N)			

FIGURE 1988B

INSTRUMENT PANEL

1	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
2	TC-5004	SWITCH, CONTROL (See Index)	4
	DC-3591	TIP, RUBBER	4
	DF-5856	SWITCH	8
3	TG-1341	LIGHT, STEERING WARNING	1
4	TG-1342	BULB	1
5	DH-4839	SWITCH, STARTER	1
6	HE-5710	SWITCH, D.C.	1
	TG-2379	GASKET	1
7	SG-2106	SCREW, MACHINE - #6-32 NC x 1/2"	2
8	TC-166	SWITCH, HEAD LIGHT	1
9	SR-8325	SWITCH, REAR & DASH LIGHT	2
10	HC-8538	AMMETER	1
11	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	2
12	TF-6768	LIGHT ASSEMBLY, DASH PANEL	1
13	D-2779	LOCKWASHER	2
14	SP-8443	BULB	1
15	DL-4714	GAGE, ENGINE TEMPERATURE	1
16	DC-4088	GROMMET, RUBBER	1
17	HD-6483	GAGE, ENGINE OIL PRESSURE	1
18	SF-8798	ELL, STREET - 1/8" NPT x 45°	1
19	C-1231	COUPLING - 1/8" NPT	1
20	TD-9718	ADAPTOR, STRAIGHT	1
21	TG-6197	PANEL, INSTRUMENT	1
	TR-2425	PANEL, INSTRUMENT (Eff. with Serial Suffix CPF6-L)	1
22	R-1933	SCREW, MACHINE - #10 - 24 x 1/2"	5
23	H-2643	LOCKWASHER - #10	5
24	TF-5410	GAGE, TRANSMISSION OIL PRESSURE(Eff. thru Serial Suffix CPF6-M)	1
	TR-471	GAGE, TRANSMISSION OIL PRESSURE (Eff. with Serial Suffix CPF6-N)	1
25	TD-9723	ADAPTOR, STRAIGHT	2
26	HC-8563	GAGE, AIR PRESSURE	1
27	DL-6887	TACHOMETER & HOUR METER}	1
	DL-6888	JOINT, DRIVE } (Eff. with Serial Suffix CPF6-L)	1
	SV-1468	CABLE, DRIVE }	1
(EFFECTIVE THRU SERIAL SUFFIX CPF6-N)			

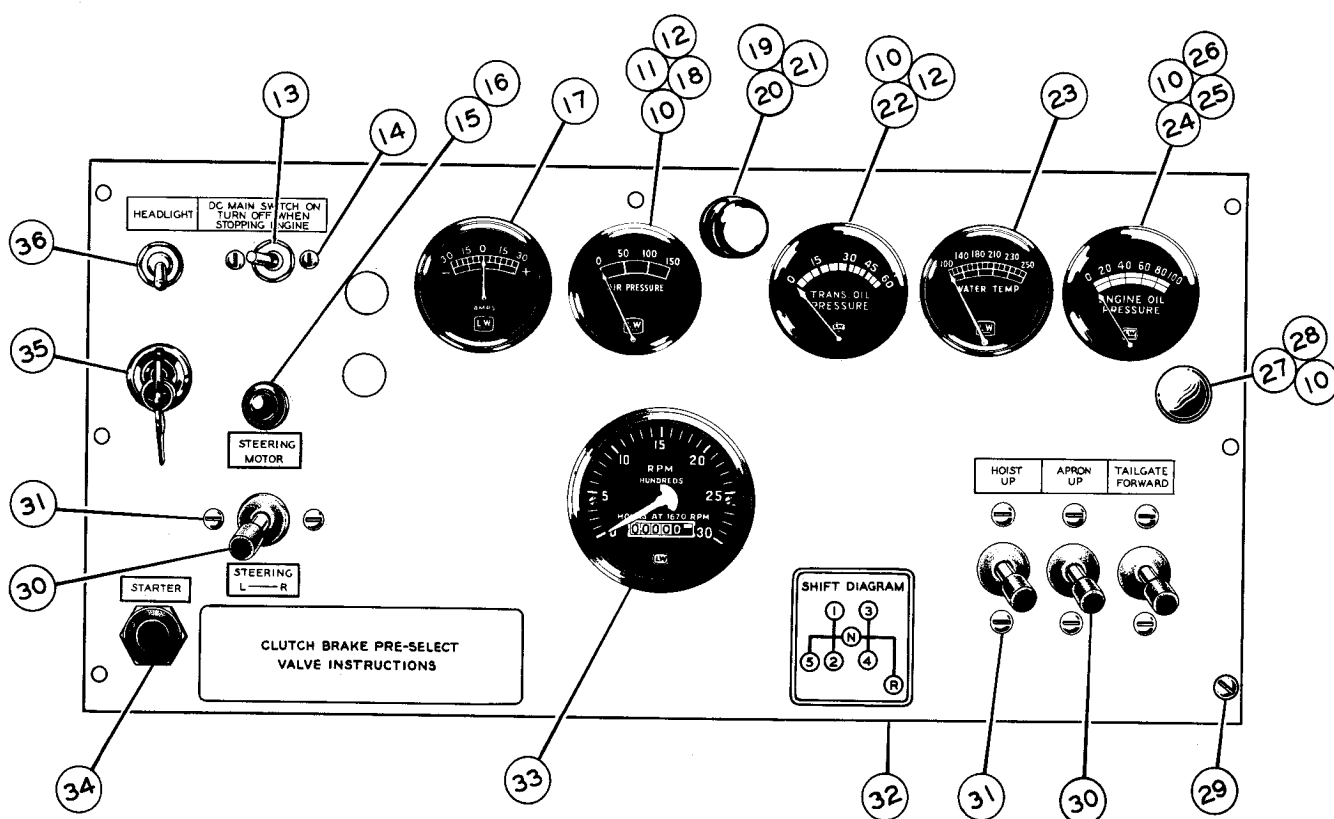
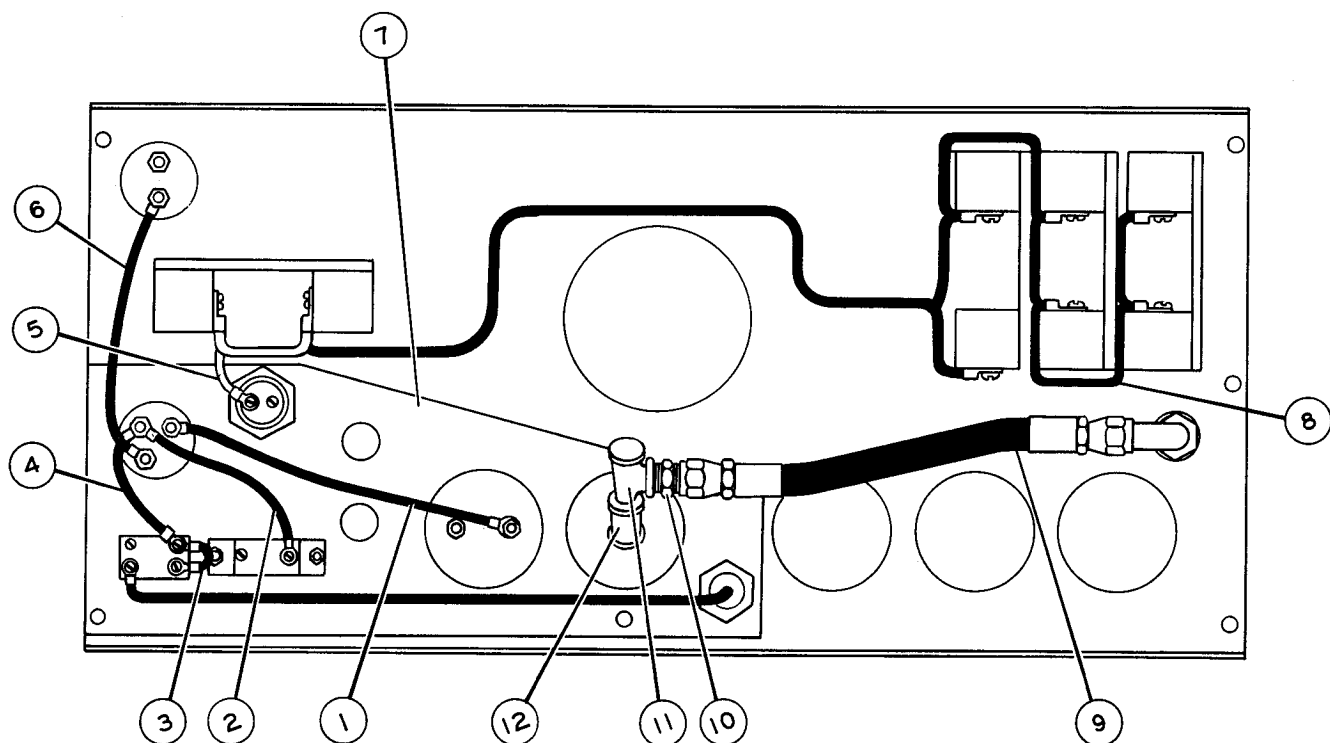


FIG. 2385

INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2385

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	VG-7572	WIRE, JUMPER (Key Switch to Ammeter)	1
2	VG-7573	WIRE, JUMPER (Key Switch to D.C. Main Switch)	1
3	VF-2179	WIRE, JUMPER	1
4	VG-7575	WIRE, JUMPER (Key Switch to Light Switch)	1
5	SV-840	WIRE, JUMPER (Steering Switch to Warning Light)	1
6	VG-7574	WIRE, JUMPER (Key Switch to Starter Button)	1
7	VF-2170	PANEL, UNDERLAY	1
8	DL-6872	WIRE, JUMPER	1
9	TF-4107	HOSE ASSEMBLY - 1/4" x 8"	1
10	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20JIC	5
11	DD-4242	TEE, STREET - 1/8"NPT	1
12	TD-9196	ELBOW - 1/8"NPT x 45°	2
13	HE-5710	SWITCH, DC MAIN	1
14	SG-2106	SCREW, SHAKEPROOF - #6-32 x 1/2"	2
15	VF-1691	LIGHT, STEERING WARNING	1
16	TG-1342	BULB	1
17	HC-8538	AMMETER	1
18	HC-8563	GAGE, AIR PRESSURE	1
19	TF-8463	LIGHT ASSEMBLY, DASH	1
20	SP-8443	BULB	1
21	D-2779	LOCKWASHER	2
22	VF-7813	GAGE, TRANSMISSION OIL PRESSURE	1
23	DL-4714	GAGE, WATER TEMPERATURE	1
24	HD-6483	GAGE, ENGINE OIL PRESSURE	1
25	SF-8798	ELL, STREET - 1/8"NPT x 45°	1
26	C-1231	COUPLING - 1/8"NPT	1
27	SV-9125	VALVE, HORN	1
28	TD-9747	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
29	SG-1375	SCREW, SELF TAPPING - #10 x 1/2" - CAD. PLATED	7
30	TC-5004	SWITCH ASSEMBLIES (See Index)	4
31	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
32	VD-9815	PANEL, INSTRUMENT	1
33	TR-2181	TACHOMETER *	1
34	DC-5636	SWITCH, STARTER PUSH BUTTON	1
35	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	1
36	TC-166	SWITCH, LIGHT	1
NOTE: * DL-6887 TACHOMETER OPTIONAL AND MAY BE USED IN PLACE OF TR-2181.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-R ONLY)			

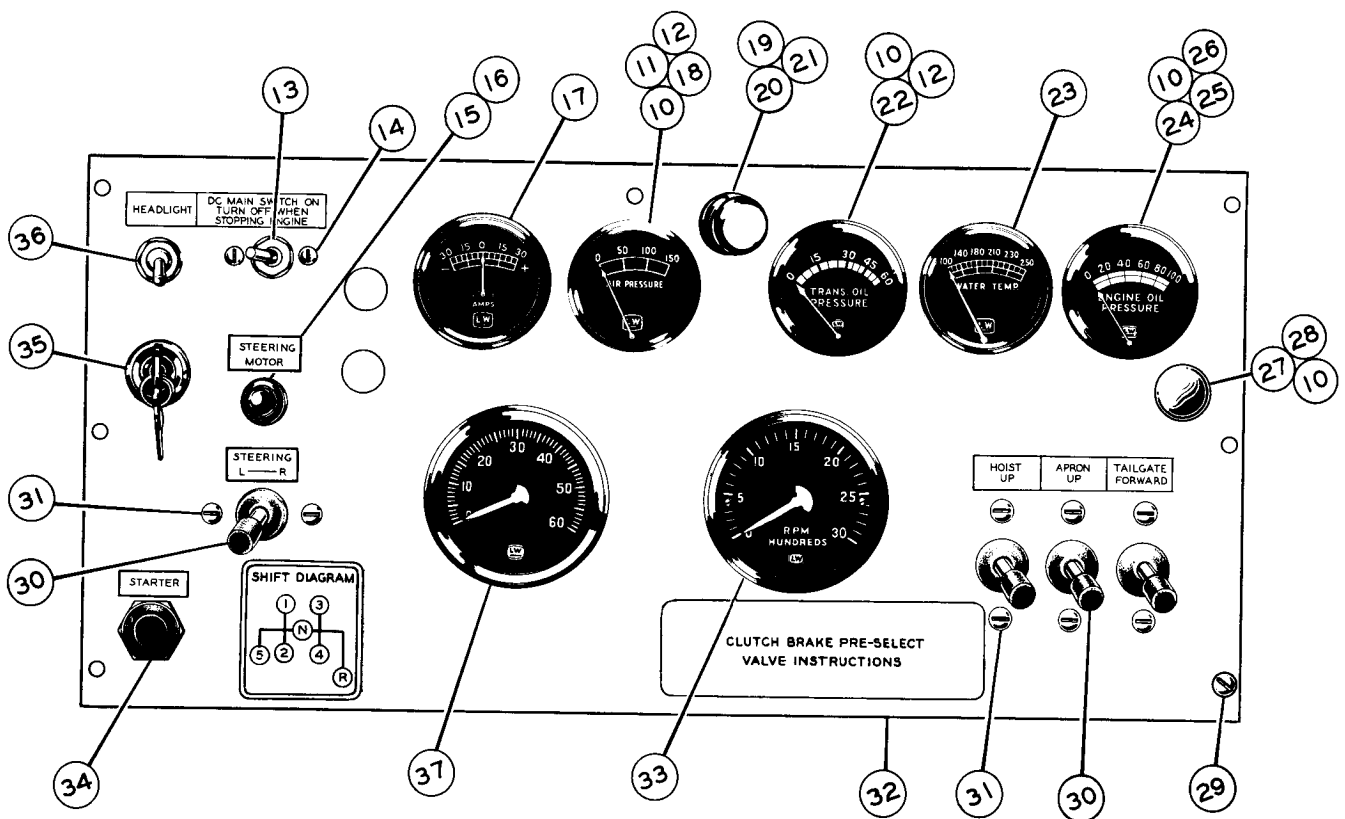
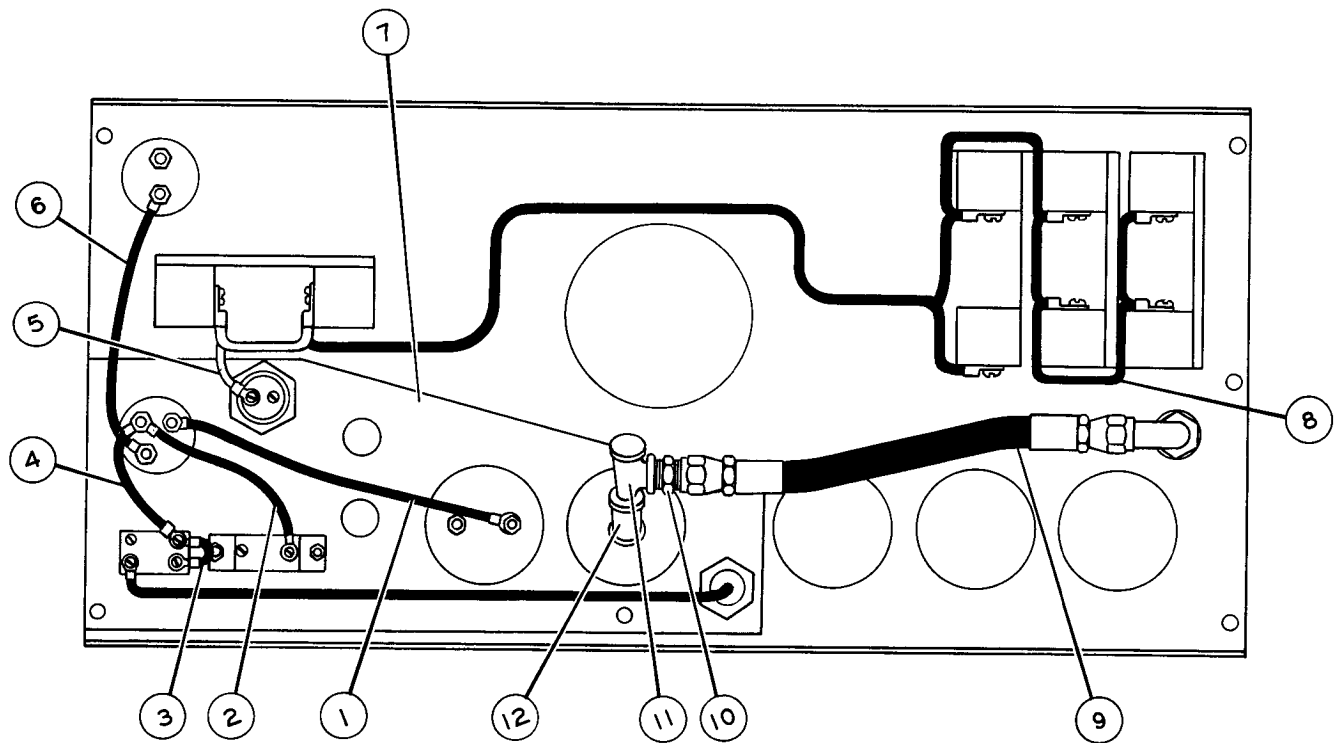


FIG. 2571

INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2571

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	VG-7572	WIRE, JUMPER (Key Switch to Ammeter)	1
2	VG-7573	WIRE, JUMPER (Key Switch to D.C. Main Switch)	1
3	VF-2179	WIRE, JUMPER	1
4	VG-7575	WIRE, JUMPER (Key Switch to Light Switch)	1
5	SV-840	WIRE, JUMPER (Steering Switch to Warning Light)	1
6	VG-7574	WIRE, JUMPER (Key Switch to Starter Button)	1
7	VH-6097	PANEL, UNDERLAY	1
8	DL-6872	WIRE, JUMPER	1
9	TF-4107	HOSE ASSEMBLY - 1/4" x 8"	1
10	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20JIC	5
11	DD-4242	TEE, STREET - 1/8"NPT	1
12	TD-9196	ELBOW - 1/8"NPT x 45°	2
13	HE-5710	SWITCH, DC MAIN	1
14	SG-2106	SCREW, SHAKEPROOF - #6-32 x 1/2"	2
15	VF-1691	LIGHT, STEERING WARNING	1
16	TG-1342	BULB	1
17	HC-8538	AMMETER	1
18	HC-8563	GAGE, AIR PRESSURE	1
19	TF-8463	LIGHT ASSEMBLY, DASH	1
20	SP-8443	BULB	1
31	D-2779	LOCKWASHER	2
22	VF-7813	GAGE, TRANSMISSION OIL PRESSURE	1
23	DL-4714	GAGE, WATER TEMPERATURE	1
24	HD-6483	GAGE, ENGINE OIL PRESSURE	1
25	SF-8798	ELL, STREET - 1/8"NPT x 45°	1
26	C-1231	COUPLING - 1/8"NPT	1
27	SV-9125	VALVE, HORN	1
28	TD-9747	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
29	SG-1375	SCREW, SELF TAPPING - #10 x 1/2" - CAD. PLATED	7
30	TC-5004	SWITCH ASSEMBLIES(See Index)	4
31	DC-5004	SCREW, MACHINE - #12 - 24 x 1/2"	8
32	VH-6589	PANEL, INSTRUMENT	1
33	TL-9896	TACHOMETER	1
	DL-6888	JOINT, DRIVE	1
	SV-1468	CABLE, TACHOMETER	1
34	DC-5636	SWITCH, STARTER PUSH BUTTON	1
35	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	1
36	TC-166	SWITCH, LIGHT	1
37	VH-5752	SPEEDOMETER	1
	VH-5774	CABLE, SPEEDOMETER	1
	VH-5775	ADAPTOR, SPEEDOMETER DRIVE	1
	TC-8796	"O" RING	1
			OPTIONAL

(EFFECTIVE WITH SERIAL SUFFIX CPF6-S)

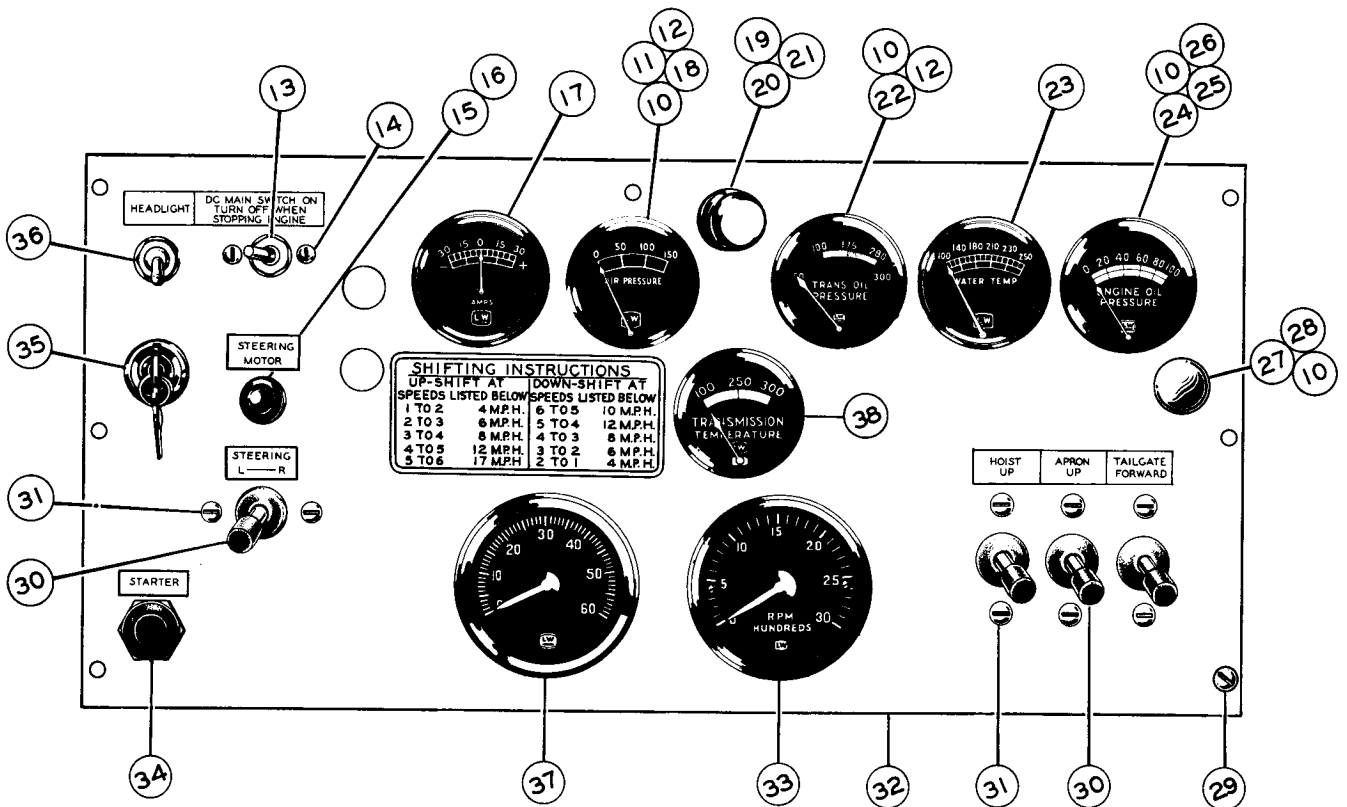
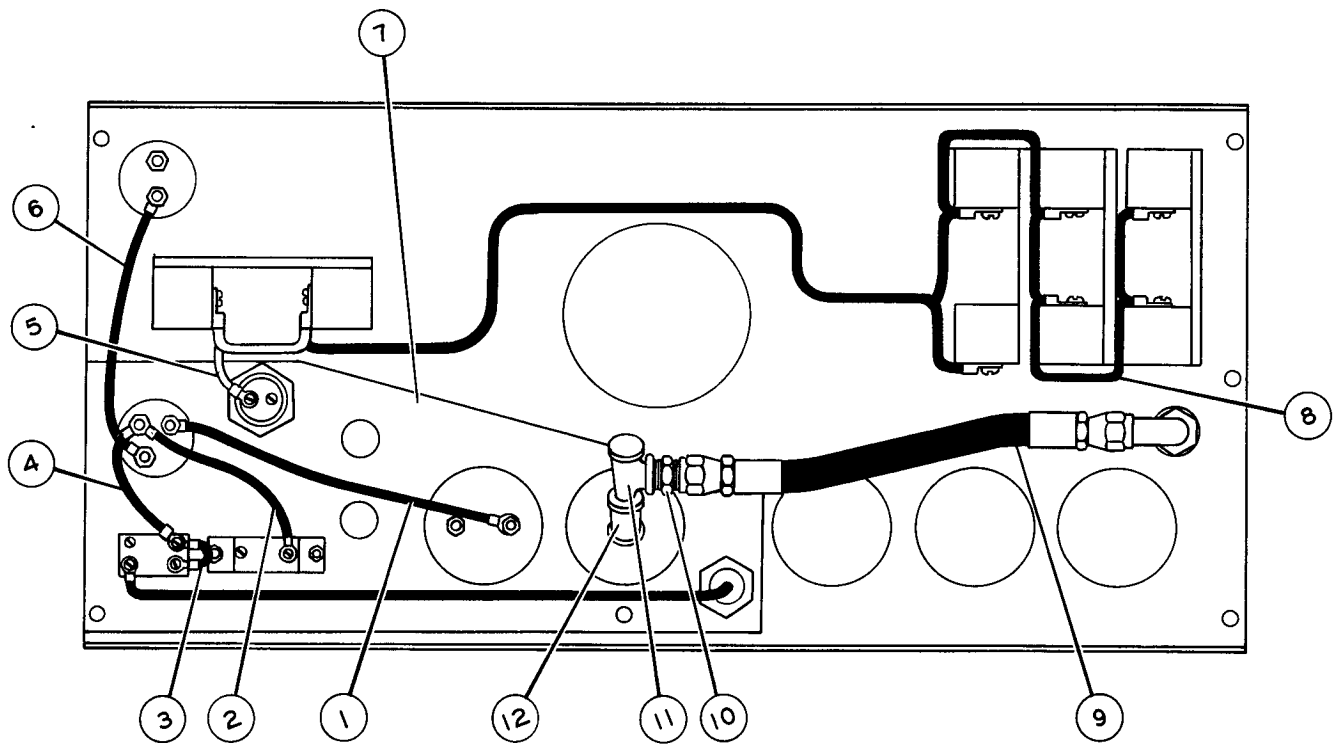


FIG. 2578
INSTRUMENT PANEL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2578

INSTRUMENT PANEL

Ref. No.	Part No.	Description	Qty.
1	VG-7572	WIRE, JUMPER (Key Switch to Ammeter)	1
2	VG-7573	WIRE, JUMPER (Key Switch to D.C. Main Switch)	1
3	VF-2179	WIRE, JUMPER	1
4	VG-7575	WIRE, JUMPER (Key Switch to Light Switch)	1
5	SV-840	WIRE, JUMPER (Steering Switch to Warning Light)	1
6	VG-7574	WIRE, JUMPER (Key Switch to Starter Button)	1
7	VF-2170	PANEL, UNDERLAY *	1
	VH-6097	PANEL, UNDERLAY **	1
8	DL-6872	WIRE, JUMPER	1
9	TF-4107	HOSE ASSEMBLY - 1/4" x 8"	1
10	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20JIC	5
11	DD-4242	TEE, STREET - 1/8"NPT	1
12	TD-9196	ELBOW - 1/8"NPT x 45°	2
13	HE-5710	SWITCH, DC MAIN	1
14	SG-2106	SCREW, SHAKEPROOF - #6-32 x 1/2"	2
15	VF-1691	LIGHT, STEERING WARNING	1
16	TG-1342	BULB	1
17	HC-8538	AMMETER	1
18	HC-8563	GAGE, AIR PRESSURE	1
19	TF-8463	LIGHT ASSEMBLY, DASH	1
20	SP-8443	BULB	1
21	D-2779	LOCKWASHER	2
22	VH-2334	GAGE, TRANSMISSION OIL PRESSURE	1
23	DL-4714	GAGE, WATER TEMPERATURE	1
24	HD-6483	GAGE, ENGINE OIL PRESSURE	1
25	SF-8798	ELL, STREET - 1/8"NPT x 45°	1
26	C-1231	COUPLING - 1/8"NPT	1
27	SV-9125	VALVE, HORN	1
28	TD-9747	ADAPTOR - 1/8"NPT x 1/2" - 20NF x 90°	1
29	SG-1375	SCREW, SELF TAPPING - #10 x 1/2" - CAD. PLATED	7
30	TC-5004	SWITCH ASSEMBLIES(See Index)	4
31	DC-5004	SCREW, MACHINE - #12-24 x 1/2"	8
32	VH-2310	PANEL, INSTRUMENT *	1
	VH-6095	PANEL, INSTRUMENT **	1
33	TL-9896	TACHOMETER	1
	DL-6888	JOINT, DRIVE	1
	SV-1468	CABLE, TACHOMETER	1
34	DC-5636	SWITCH, STARTER PUSH BUTTON	1
35	SP-6126	SWITCH, KEY	1
	SH-2701	KEY	1
36	TC-166	SWITCH, LIGHT	1
37	VH-5752	SPEEDOMETER **	1
	VH-5774	CABLE, SPEEDOMETER **	1
	VH-5775	ADAPTOR, SPEEDOMETER DRIVE **	1
	TC-8796	"O" RING **	1
38	VF-4135	GAGE, TRANSMISSION TEMPERATURE	1

* EFFECTIVE WITH SERIAL SUFFIX CPA6 THRU CPA6-A.
** EFFECTIVE WITH SERIAL SUFFIX CPA6-B.

(EFFECTIVE WITH SERIAL SUFFIX CPA6)

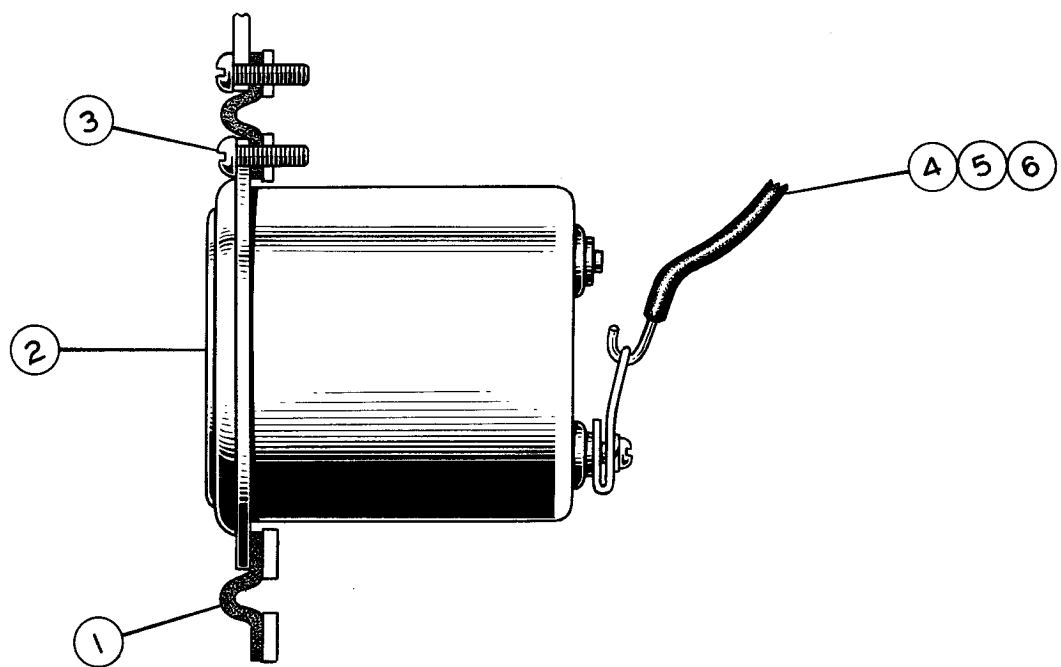


FIG. 2569 A
HOUR METER

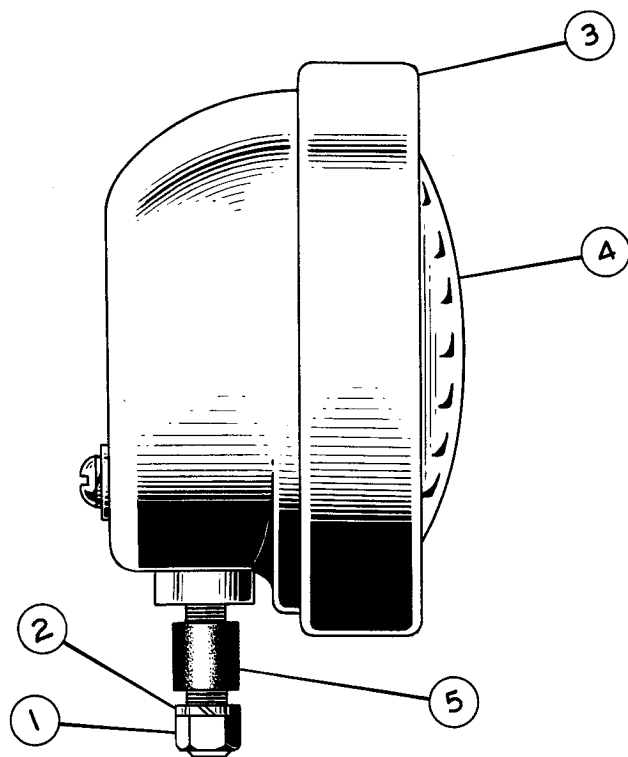


FIG. 2569 B
REAR LIGHT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2569A

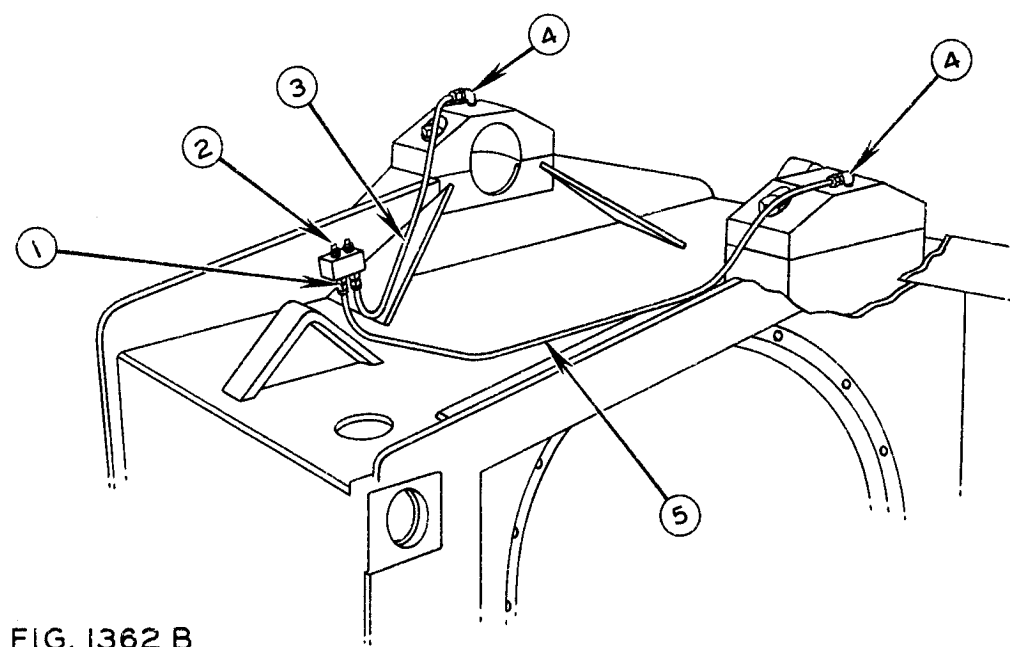
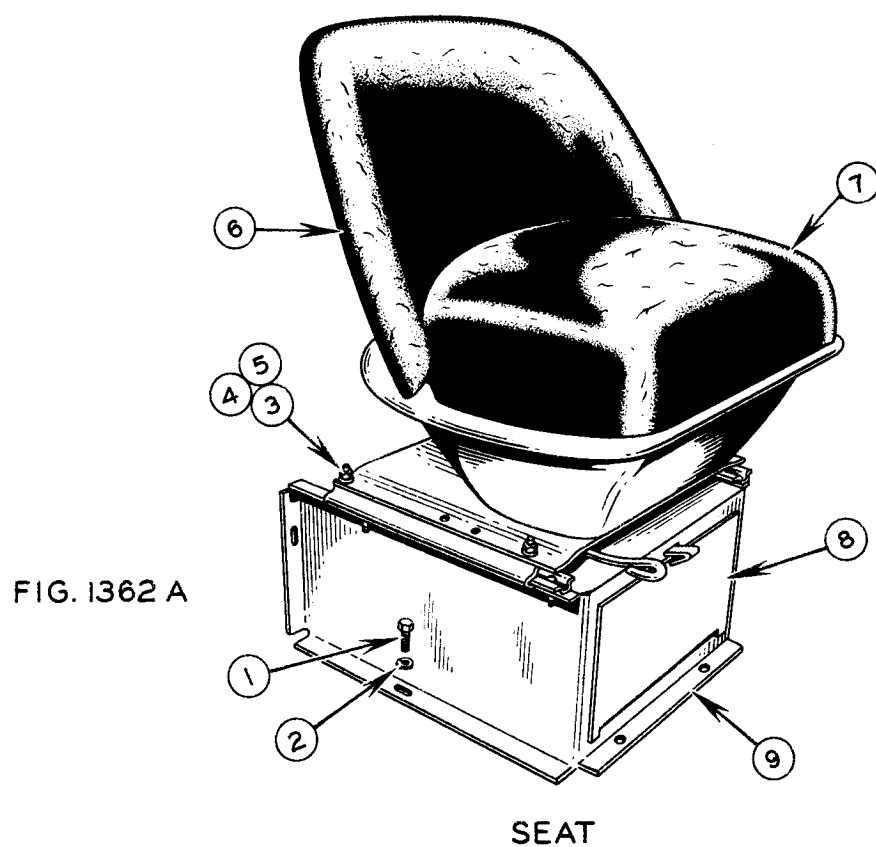
HOUR METER

Ref. No.	Part No.	Description	Qty.
1	VH-3012	MOUNT, NEOPRENE	1
2	VF-9089	HOUR METER	1
3	HE-2462	SCREW - #6-32NC x 1/2"	6
4	H-5466	SCREW - #8-32NC x 1/2"	1
5	SD-2599	WASHER, LOCK - #8	1
6	R-4948	NUT - #8-32NC	1
(EFFECTIVE WITH SERIAL SUFFIX CPF6-S & CPA6)			

FIGURE 2569B

REAR LIGHT

	TH-3750	LIGHT, REAR	1
1	C-1521	NUT - 3/8" - 16NC	1
2	C-312	WASHER, LOCK - 3/8"	1
3	TH-5660	RING, RUBBER RETAINER	1
4	CC-5726	UNIT, SEALED BEAM	1
5	TH-3754	BUSHING	1
NOT SHOWN			
	TL-4017	WIRE	1
(OPTIONAL)			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1362A

SEAT TG-4845 * VD-7085 **

Ref. No.	Part No.	Description	Qty.
1	C-1600	CAPSCREW - 3/8" - 16NC x 1/2"	6
2	C-312	LOCKWASHER - 3/8"	6
3	C-9656	NUT - 5/16" - 24NF	4
4	C-1538	LOCKWASHER - 5/16"	4
5	E-3735	FLATWASHER - 5/16"	4
6	TG-353	SEAT	1
	VD-7082	SEAT, HOT WEATHER **	1
7	SF-7849	CUSHION	1
8	TG-9461	DOOR, TOOL BOX	1
9	TG-9280	BOX, TOOL & SEAT	1
		NOT SHOWN	
	TL-720	COVER	1
	VD-7081	COVER, HOT WEATHER **	1
		* TG-4845 INCLUDES REF. NOS. 6 & 7 ONLY & TL-720 COVER.	
		** VD-7085 HOT WEATHER SEAT INCLUDES REF. NOS. 6 & 7 ONLY & VD-7081 COVER.	
		(VD-7085 HOT WEATHER SEAT - OPTIONAL)	

FIGURE 1362B

BALL SOCKET LUBRICATION

1	DC-3600	CONNECTOR, IMPERIAL	2
2	C-5768	PLUG, PIPE - 1/8"NPT	2
3	DH-925	TUBE ASSEMBLY - 1/4" x 28 1/8"	1
	HC-2483	SLEEVE	2
	DC-3601	NUT	2
4	SC-8897	ELBOW, IMPERIAL	2
5	DH-919	TUBE ASSEMBLY - 1/4" x 41 3/8"	1
	HC-2483	SLEEVE	1
	DC-3601	NUT	1

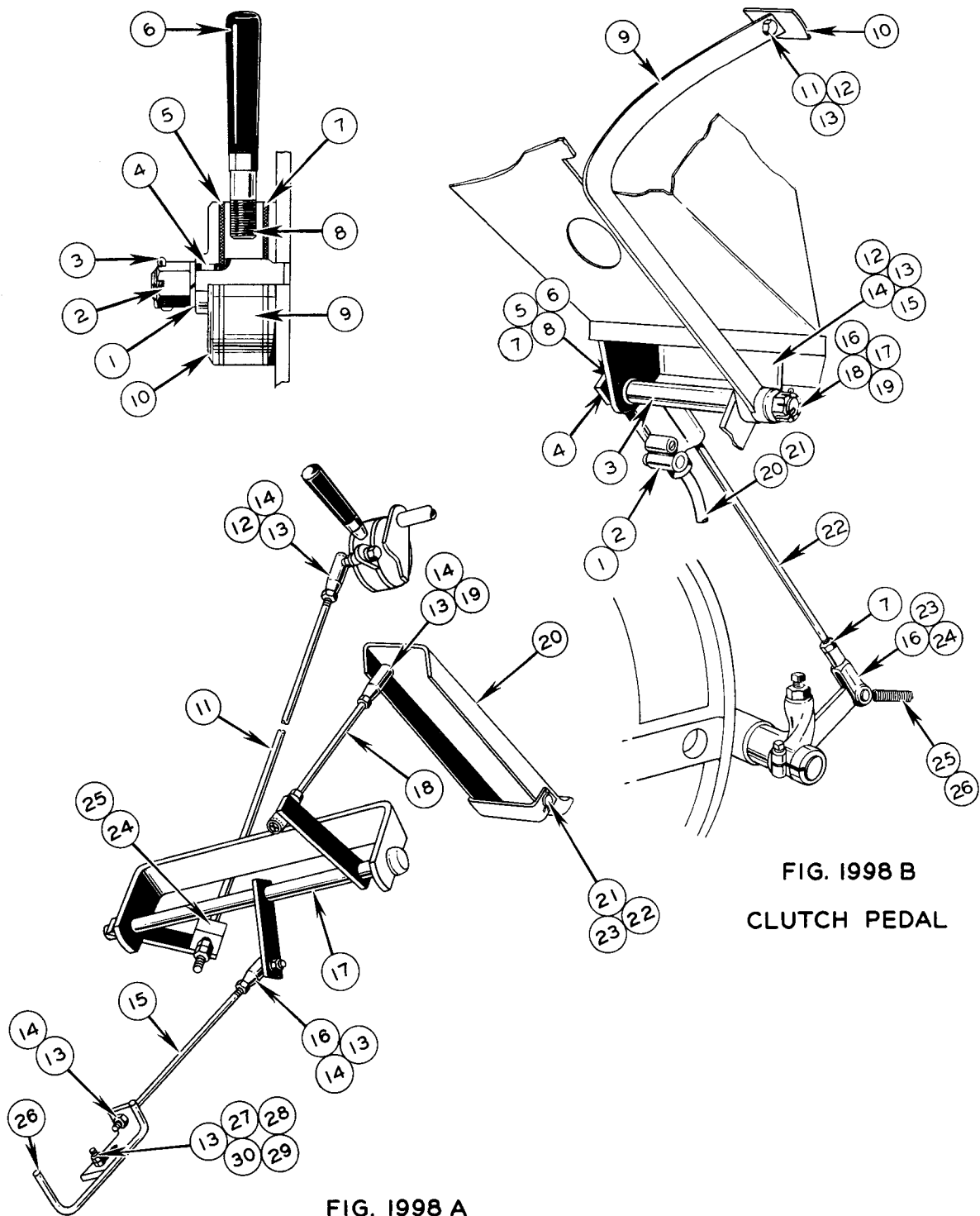


FIG. 1998 A
HAND & FOOT THROTTLE

FIG. 1998 B
CLUTCH PEDAL

FIGURE 1998A

CONTROLS - HAND & FOOT THROTTLE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1540	Washer, Lock-1/2"	1		TL-227	Crank, Throttle *	1
2	R-7373	Nut-1/2"-20nf Castellated ...	1		TV-9295	Crank, Throttle ***	1
3	C-2303	Pin, Cotter-1/8" x 1"	1		VD-4809	Crank, Throttle ##	1
4	DD-1642	Key	1	18	TG-8920	Rod Assembly, Throttle @	1
5	DD-1638	Disc, Micarta	1		TG-8499	Rod Assembly, Throttle @@ ...	1
6	H-2370	Grip, Handle	1		VF-6212	Rod Assembly, Throttle ## ...	1
7	DD-1637	Disc, Micarta	1	19	S-1357	Ball & Socket	2
8	DD-1641	Stud #	1	20	DD-4922	Pedal, Accelerator @	1
9	DD-2804	Arm #	1		TL-1161	Pedal, Accelerator @@@	1
	VD-4811	Arm, Bent ##	1	21	DD-4931	Screw, Cap-1/4"-20nc x 4 1/4"...	1
10	DD-1640	Disc, Steel	1	22	C-5774	Washer, Lock-1/4"	1
11	TG-8918	Rod Assembly, Throttle @ ...	1	23	C-5780	Nut-1/4"-20nc	1
	DL-5909	Rod Assembly, Throttle @@ ...	1	24	DD-3431	Block, Sliding Hinge	1
	VD-4813	Rod Assembly, Throttle ## ...	1	25	D-4098	Pin, Cotter-3/32" x 1"	1
12	S-1357	Ball & Socket	1	26	TV-9296	Rod, Engine Throttle **	1
13	C-1538	Washer, Lock **Qty.9	7	27	C-1521	Nut-3/8"-16nc **	2
14	C-9656	Nut-5/16"-24nf. ... **Qty.8	7	28	TC-1232	Washer, Flat-3/8"	1
15	TG-8909	Rod Assembly, Throttle @	1	29	C-1520	Nut-5/16"-8nc	1
	DL-5907	Rod Assembly, Throttle *	1	30	TV-9299	Bolt, Throttle Guide **	1
	VC-3901	Rod, Assembly, Throttle ** ...	1			Not Shown	
16	S-1357	Ball & Socket	1		TL-3561	Pin, Roll **	1
17	TG-8916	Crank, Throttle @	1				

@ Effective thru Serial Suffix CPF-C. ** Effective with Serial Suffix CPF-N.
 @@ Effective with Serial Suffix CPF6-D thru CPF6-N. *** Effective with Serial Suffix CPF6-M thru CPF6-N.
 @@@ Effective with Serial Suffix CPF6-D. # Effective thru Serial Suffix CPF6-N.
 * Effective with Serial Suffix CPF6-D thru CPF6-M. ## Effective with Serial Suffix CPF6-R & CPA6.

FIGURE 1998B

CONTROLS - CLUTCH PEDAL

1	TC-114	Valve, Air * (See Index)	1	13	C-1521	Nut-3/8"-16nc	6
	TL-1228	Valve, Air **	1	14	TG-6391	Bracket, Hinge	1
	RK-1053	Repair Kit **	1	15	C-1602	Screw, Cap-3/8"-16nc x 1" ...	4
2	C-5769	Plug, Pipe-1/4"npt	1	16	H-122	Key	1
3	TH-6263	Rod, Clutch Hinge	1	17	D-2771	Nut-7/8"-14nf Castellated ...	1
4	TG-8903	Spacer	1	18	E-4132	Pin, Cotter-1/8" x 2"	1
5	H-2462	Clevis	1	19	TG-6392	Bushing	2
6	E-4162	Pin, Rod End	2	20	TF-4228	Hose Assembly-3/8" x 24" ...	1
7	H-749	Nut, Jam-1/2"-20nf	2		TF-4131	Hose Assembly-1/4" x 27" # ...	1
8	C-2303	Pin, Cotter-1/8" x 1"	1	21	TD-5556	Adaptor	2
9	DF-461	Arm, Clutch Pedal	1		TD-9747	Adaptor #	2
	TH-6274	Arm, Clutch Pedal ##	1	22	TH-6267	Rod, Clutch *	1
	TR-5583	Arm, Clutch Pedal ###	1		DL-6028	Rod, Clutch **	1
10	HC-1424	Plate, Foot	1	23	D-5434	Clevis	1
11	C-1604	Screw, Cap-3/8"-16nc x 1 1/2"...	1	24	D-4098	Pin, Cotter-3/32" x 1"	1
12	C-312	Washer, Lock-3/8"	6	25	R-2779	Spring	1
				26	DD-3432	Clip	1

* Effective thru Serial Suffix CPF6-D.
 ** Effective with Serial Suffix CPF6-E.
 # Effective with Serial Suffix CPF6-C.
 ## Effective with Serial Suffix CPF6-J thru CPF6-L.
 ### Effective with Serial Suffix CPF6-M.

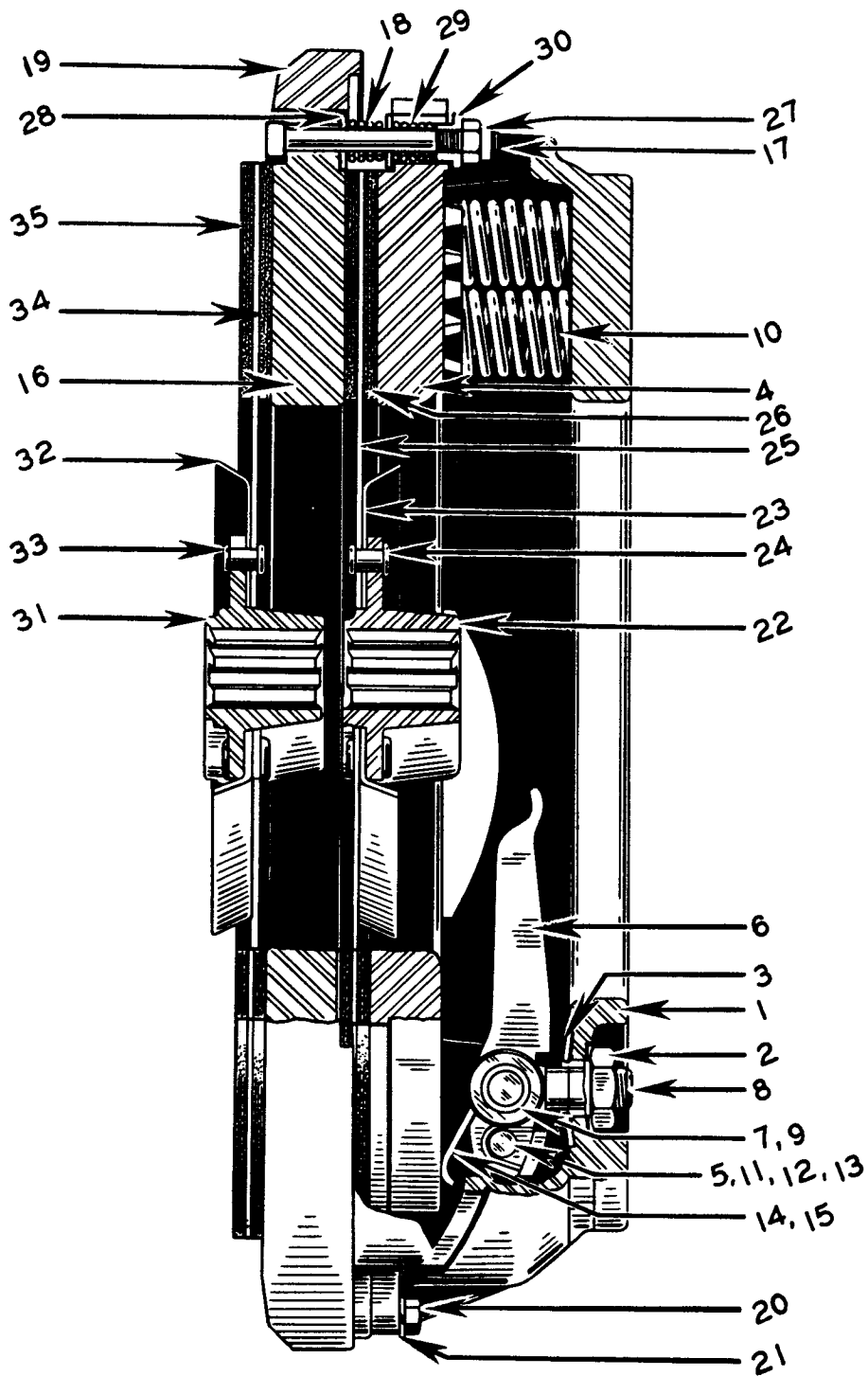


FIG. 508

16" CLUTCH - ROCKFORD

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

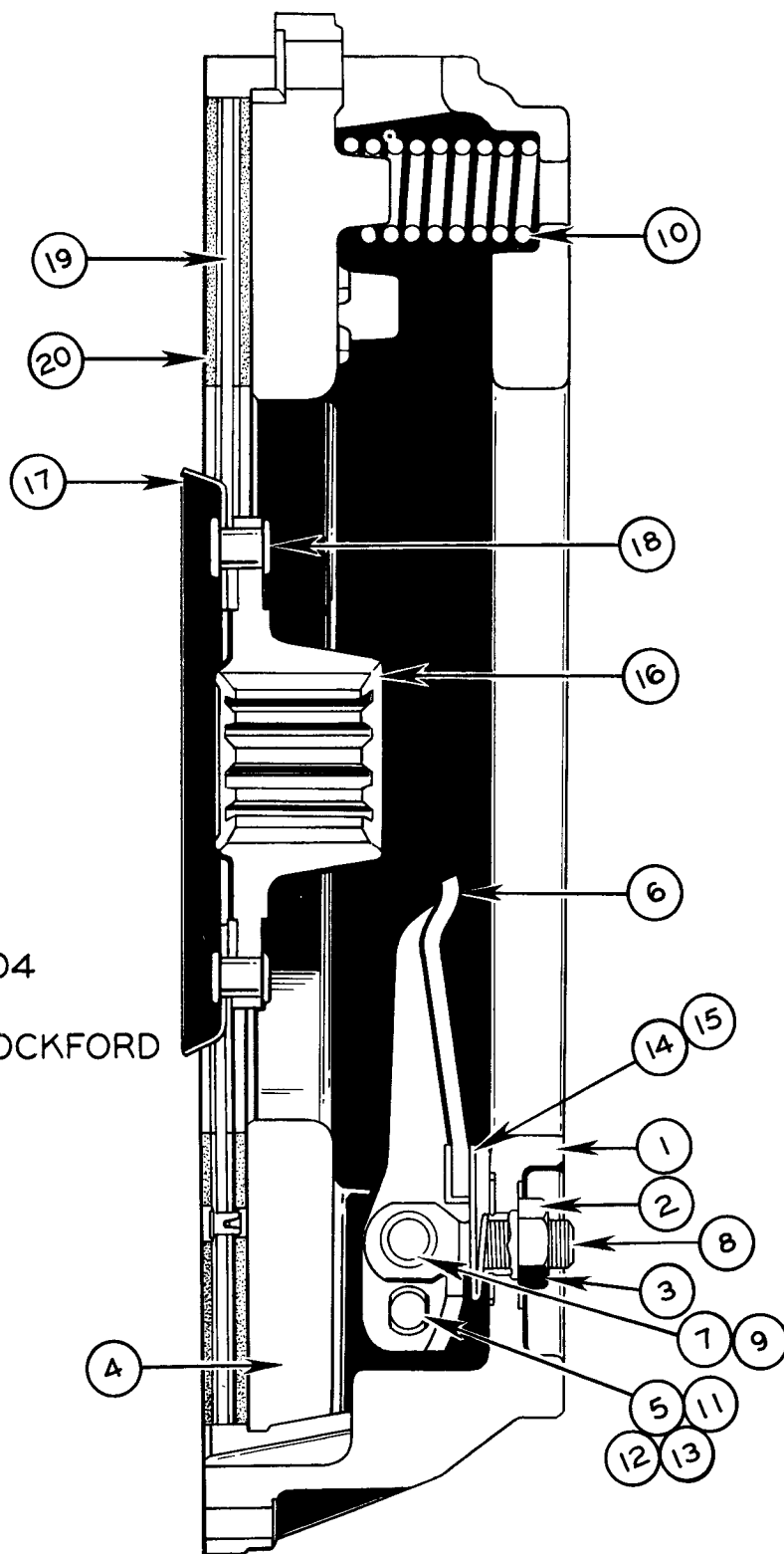
FIGURE 508

16" CLUTCH ASSEMBLY

TD-8662
DL-6922**

Ref. No.	Part No.	Description	Qty.
	*	CLUTCH ADAPTOR & CENTER PLATE ASSEMBLY	1
	TD-3482	COVER ASSEMBLY(TR-6132**).	1
	TD-3481	BACK PLATE ASSEMBLY	1
1	*	BACK PLATE	1
2	CD-5552	NUT, ADJUSTING	4
3	CD-5553	WASHER, ADJ. NUT	4
	SR-8580	PRESSURE PLATE ASSEMBLY	1
4	*	PRESSURE PLATE	1
5	CD-5556	NEEDLE BEARING	8
	CD-5559	LEVER ASSEMBLY	4
6	CD-5560	LEVER	4
7	CD-5561	PIVOT PIN	4
	CD-5562	EYEBOLT	4
8	*	EYEBOLT	4
9	SD-8379	NEEDLE BEARING	4
10	CD-5564	PRESSURE SPRING	14
	SR-8585	WASHER RETAINER	14
	SR-8586	WASHER, INSULATING	14
11	CD-5565	LEVER PIN	4
12	CD-5566	WASHER	4
13	C-2303	COTTER PIN - 1/8" x 1"	4
14	CD-5567	SPRING, ANTI-RATTLE	4
15	SG-6832	WASHER	4
	SG-6842	CAPSCREW - 3/8" NC x 2 1/2"	4
16	SG-6843	CENTER PLATE	1
17	SG-6840	RETURN SCREW, CENTER PLATE	4
18	SR-8589	SPRING, PLATE SEPARATOR	4
19	TD-3478	ADAPTOR, CLUTCH	1
20	C-1599	CAPSCREW - 5/16" NC x 1 1/2"	4
21	C-1538	LOCKWASHER - 5/16"	4
	CD-5577	DRIVEN MEMBER ASSEMBLY	1
	DL-6923	DRIVEN MEMBER ASSEMBLY **	1
22	*	SPLINED CENTER	1
23	*	OIL SLINGER	1
24	*	RIVET	12
	*	CLUTCH PLATE & FACING ASSEMBLY	1
25	*	CLUTCH PLATE	1
26	TV-5518	FACING & RIVET KIT	1
27	SG-6838	FLEX LOCKNUT - 3/8" - 24	4
28	SG-6841	WASHER	8
29	SR-8588	SPRING, ANTI-RATTLE	4
30	SG-6835	BUSHING, RETURN SCREW	4
	CD-5578	DRIVEN MEMBER ASSEMBLY	1
	DL-6924	DRIVEN MEMBER ASSEMBLY **	1
31	*	SPLINED CENTER	1
32	*	RIVET	12
	*	CLUTCH PLATE & FACING ASSEMBLY	1
34	*	CLUTCH PLATE	1
35	TV-5518	FACING & RIVET KIT	1
* NOT SERVICED SEPARATELY, ORDER SUBASSEMBLY IN WHICH PART IS INCLUDED.			
** EFFECTIVE WITH SERIAL SUFFIX CPF6-L ONLY.			
(EFFECTIVE THRU SERIAL SUFFIX CPF6-L)			

FIG. 2004
16" CLUTCH-ROCKFORD



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2004

16" CLUTCH ASSEMBLY TR-9124 π VF-3736 $\pi\pi$

Ref. No.	Part No.	Description	Qty.
	*	CLUTCH ADAPTOR & CENTER PLATE ASSEMBLY	1
	TD-3482	COVER ASSEMBLY π	1
	VF-3735	COVER ASSEMBLY $\pi\pi$	1
	TD-3481	BACK PLATE ASSEMBLY	1
1	*	BACK PLATE	1
2	CD-5552	NUT, ADJUSTING	4
3	CD-5553	WASHER, ADJ. NUT	4
	SR-8580	PRESSURE PLATE ASSEMBLY	1
4	*	PRESSURE PLATE	1
5	CD-5556	NEEDLE BEARING	8
	CD-5559	LEVER ASSEMBLY	4
6	CD-5560	LEVER	4
7	CD-5561	PIVOT PIN	4
	CD-5562	EYEBOLT	4
8	*	EYEBOLT	4
9	SD-8379	NEEDLE BEARING	4
10	CD-5564	PRESSURE SPRING π	18
	VF-3734	PRESSURE SPRING $\pi\pi$	24
	SR-8585	WASHER, RETAINER	($\pi\pi$ Qty. 24) 18
	SR-8586	WASHER, INSULATING	($\pi\pi$ Qty. 24) 18
11	CD-5565	LEVER PIN	4
12	CD-5566	WASHER	4
13	R-4891	COTTER PIN - 1/8" x 3/4"	4
14	CD-5567	SPRING, ANTI-RATTLE	4
15	SG-6832	WASHER	4
	SG-6842	CAPSCREW - 3/8" NC x 2 1/2"	4
	TR-9122	DRIVEN MEMBER ASSEMBLY	1
16	*	SPLINED CENTER	1
17	*	OIL SLINGER	1
18	*	RIVET	12
	*	CLUTCH PLATE & FACING ASSEMBLY	1
19	*	CLUTCH PLATE	1
20	RK-1100	CLUTCH FACING & RIVET KIT	1
* NOT SERVICED SEPARATELY, ORDER SUBASSEMBLY IN WHICH PART IS INCLUDED. π EFFECTIVE THRU SERIAL SUFFIX CPF6-N. $\pi\pi$ EFFECTIVE WITH SERIAL SUFFIX CPF6-R.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-M)			

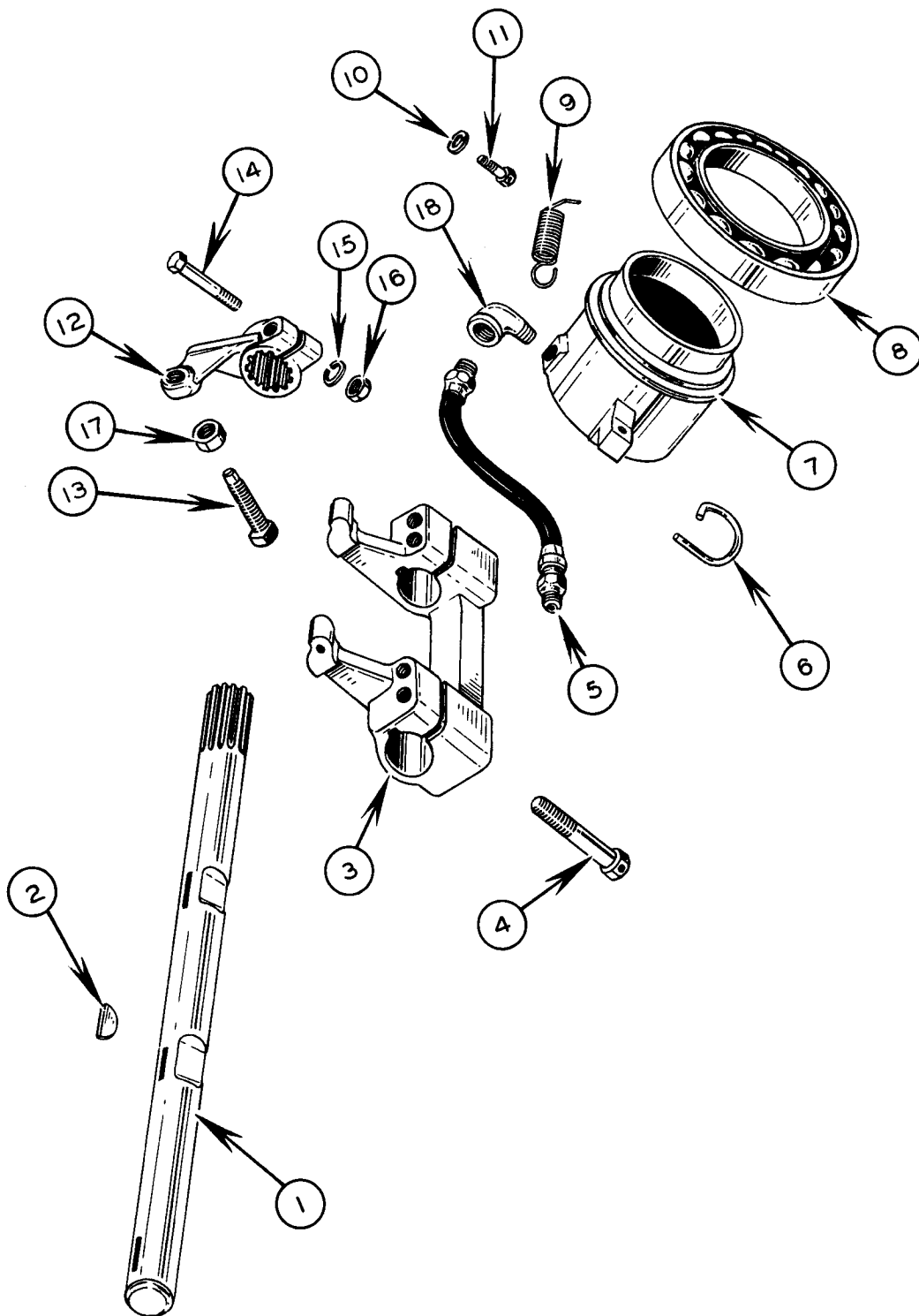


FIG. 1414

CLUTCH RELEASE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1414

CLUTCH RELEASE

Ref. No.	Part No.	Description	Qty.
1	TG-8617	SHAFT, CLUTCH PEDAL #	1
2	F-4019	KEY, WOODRUFF #	2
3	TG-7594	YOKE ASSEMBLY, CLUTCH RELEASE #	1
4	TC-7823	BOLT - 3/8" - 24NF x 2 1/4" #	4
5	TF-141	HOSE ASSEMBLY ##	1
	TG-1463	HOSE ASSEMBLY **	1
6	TD-3498	SPRING, FOLLOW	2
7	TG-8634	CARRIER, CLUTCH RELEASE BEARING *	1
	TV-1190	CARRIER, CLUTCH RELEASE BEARING @	1
8	SD-8843	BEARING, CLUTCH RELEASE #	1
9	H-2915	SPRING	2
10	C-312	LOCKWASHER - 3/8"	2
11	S-9555	CAPSCREW, DRILLED HEAD - 3/8"-16NC x 3/4" (Eff. thru Ser. Suf. CPF6-N) .	2
	DL-6703	CAPSCREW - 3/8"-16NC x 1/2" (Eff. with Ser. Suf. CPF6-R)	2
12	SP-8088	ARM ASSEMBLY, ADJUSTING #	1
13	H-2855	SETSCREW, DOG POINT-1/2"-13NC x 2" #	1
14	HC-1193	CAPSCREW - 3/8" - 24NF x 2" #	1
15	C-312	LOCKWASHER - 3/8" #	1
16	C-1522	NUT - 3/8" - 16NC #	1
17	C-1523	NUT - 1/2" - 13NC #	1
18	R-900	ELBOW - 1/8"	2
		* INCLUDED IN TG-5481 & TL-1620 TRANSMISSION ASSYS.	
		** INCLUDED IN TR-9132 & TV-3620 TRANSMISSION ASSYS.	
		# INCLUDED IN TG-5481, TL-1620, TR-9132, TV-3620, VC-1366 & VC-5329, VD-4829, VF-3213, VG-4770, & VG-7287 TRANS. ASSYS.	
		## INCLUDED IN TG-5481, TL-1620, VC-1366 & VC-5329, VD-4829, VF-3213, VG-4770 & VG-7287 TRANS. ASSYS.	
		@ INCLUDED IN TR-9132, TV-3620, VC-1366, VC-5329, VD-4849, VF-3213, VG-4770, VG-7287 TRANSMISSION ASSEMBLIES.	

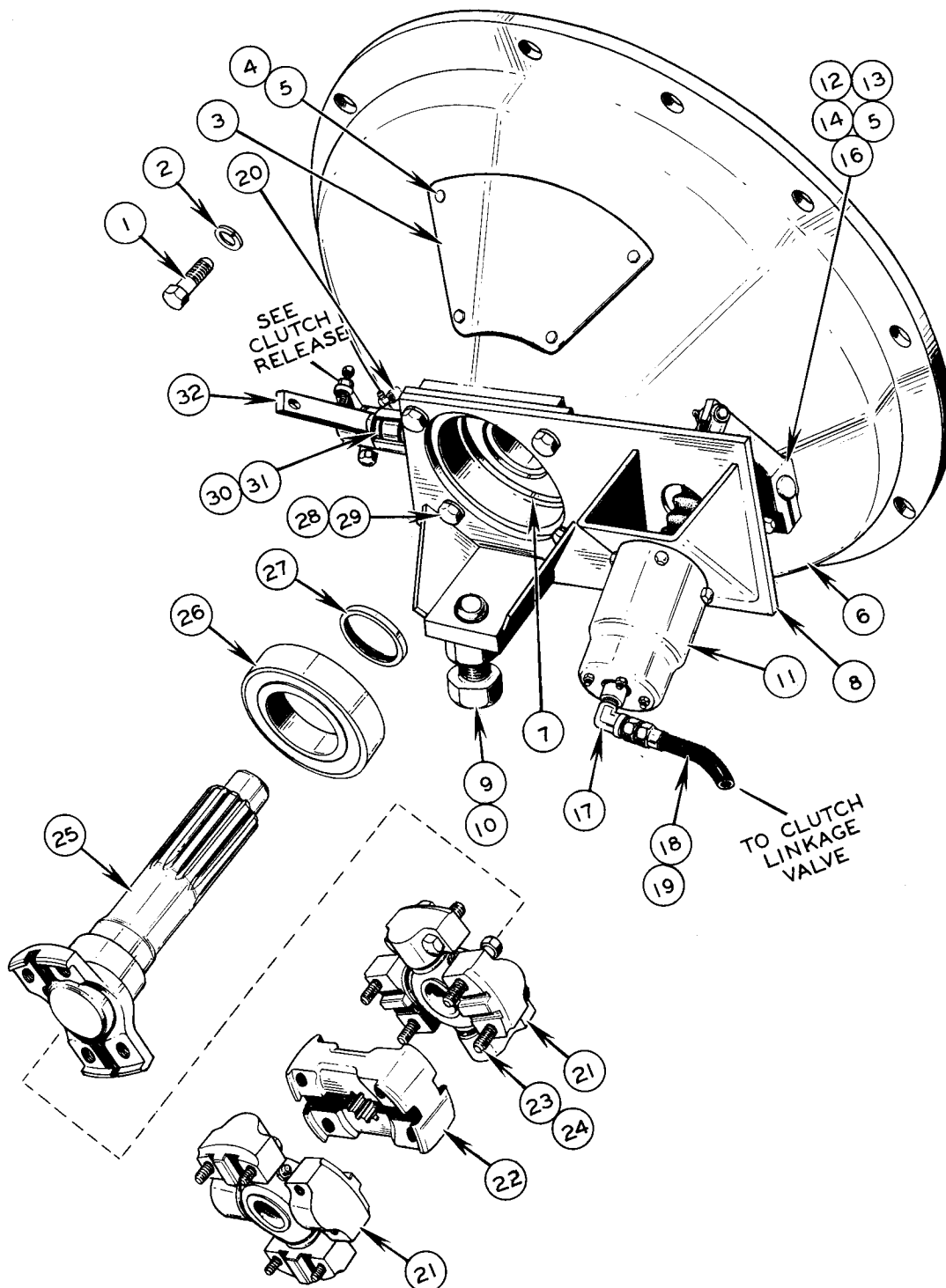


FIG. 1415

UNIVERSAL & CLUTCH HOUSING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1415

UNIVERSAL & CLUTCH HOUSING

Ref. No.	Part No.	Description	Qty.
1	H-594	CAPSCREW - 7/16" NC x 1 1/4"	12
2	C-5775	LOCKWASHER - 7/16"	12
3	TG-8930	COVER	1
4	H-8136	CAPSCREW - 1/4" NC x 1/2"	4
5	C-5774	LOCKWASHER - 1/4"	4
6	TG-8925	HOUSING, CLUTCH	1
7	TG-5471	SUPPORT, RELEASE BEARING CARRIER	1
	TR-5580	SUPPORT, RELEASE BEARING CARRIER ##	1
8	DL-5026	MOUNT, ROTOCHAMBER	1
9	SG-1377	CAPSCREW - 1" NF x 3 1/4"	1
10	H-989	NUT, JAM - 1" NF	1
11	TD-5140	ROTOCHAMBER (See Index)	1
	TG-8944	ROTOCHAMBER (See Index) #	1
12	TG-6381	LEVER	1
13	C-1606	CAPSCREW - 3/8" NC x 2"	1
14	C-312	LOCKWASHER - 3/8"	1
15	C-1521	NUT - 3/8" NC	1
16	F-4019	KEY, WOODRUFF	1
17	S-2916	ELL, STREET - 1/4"	1
18	TF-4238	HOSE ASSEMBLY - 3/8" x 39"	1
	TF-4138	HOSE ASSEMBLY - 1/4" x 39" **	1
19	TD-5556	ADAPTOR - 1/4" x 90°	1
	TD-9747	ADAPTOR - 1/4" x 90° ##	1
20	C-315	FITTING, GREASE	1
	TG-5498	UNIVERSAL JOINT ASSEMBLY	1
21	TH-7986	CENTER CROSS ASSEMBLY	2
	TH-7988	FITTING, GREASE	2
22	TH-7987	PLATE, COUPLING	1
23	DL-5054	CAPSCREW	16
24		WIRE, DEAD SOFT - 1/16" x 6" (Not Serviced)	6
25	TG-5497	SHAFT, CLUTCH	1
26	TG-8847	BEARING	1
	SG-1241	BEARING ##	1
27	TF-9892	SEAL, OIL *	1
28	C-1614	CAPSCREW - 1/2" NC x 1 1/2"	4
29	C-1540	LOCKWASHER - 1/2"	4
30	TG-6392	BUSHING, DUDRY	4
31	DL-4329	SEAL, OIL	2
32	TG-6380	LEVER	1
	TH-6265	ARM, CLUTCH ##	1
NOT SHOWN			
	DC-3600	CONNECTOR	2
	DL-4421	TUBE ASSEMBLY - 3/16" O.D.	1
	C-9806	ELBOW - 90°	1
	TF-356	STABILIZER, END BELL MOUNT π	1
	TF-357	YOKE, END BELL MOUNT π	1
	DL-4977	TUBE ASSEMBLY - 1/4" x 15 1/2" ##	1
	DL-4979	TUBE ASSEMBLY - 1/4" x 13" ##	1
	SC-8897	ELBOW ##	2
* INCLUDED IN TG-5481, TL-1620, TR-9132, TV-3620, VC-1366 VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 TRANS. ASSYS. ** EFFECTIVE WITH SERIAL SUFFIX CPF6-D. # EFFECTIVE WITH SERIAL SUFFIX CPF6-J. ## EFFECTIVE WITH SERIAL SUFFIX CPF6-M. π EFFECTIVE THRU SERIAL SUFFIX CPF6-L.			

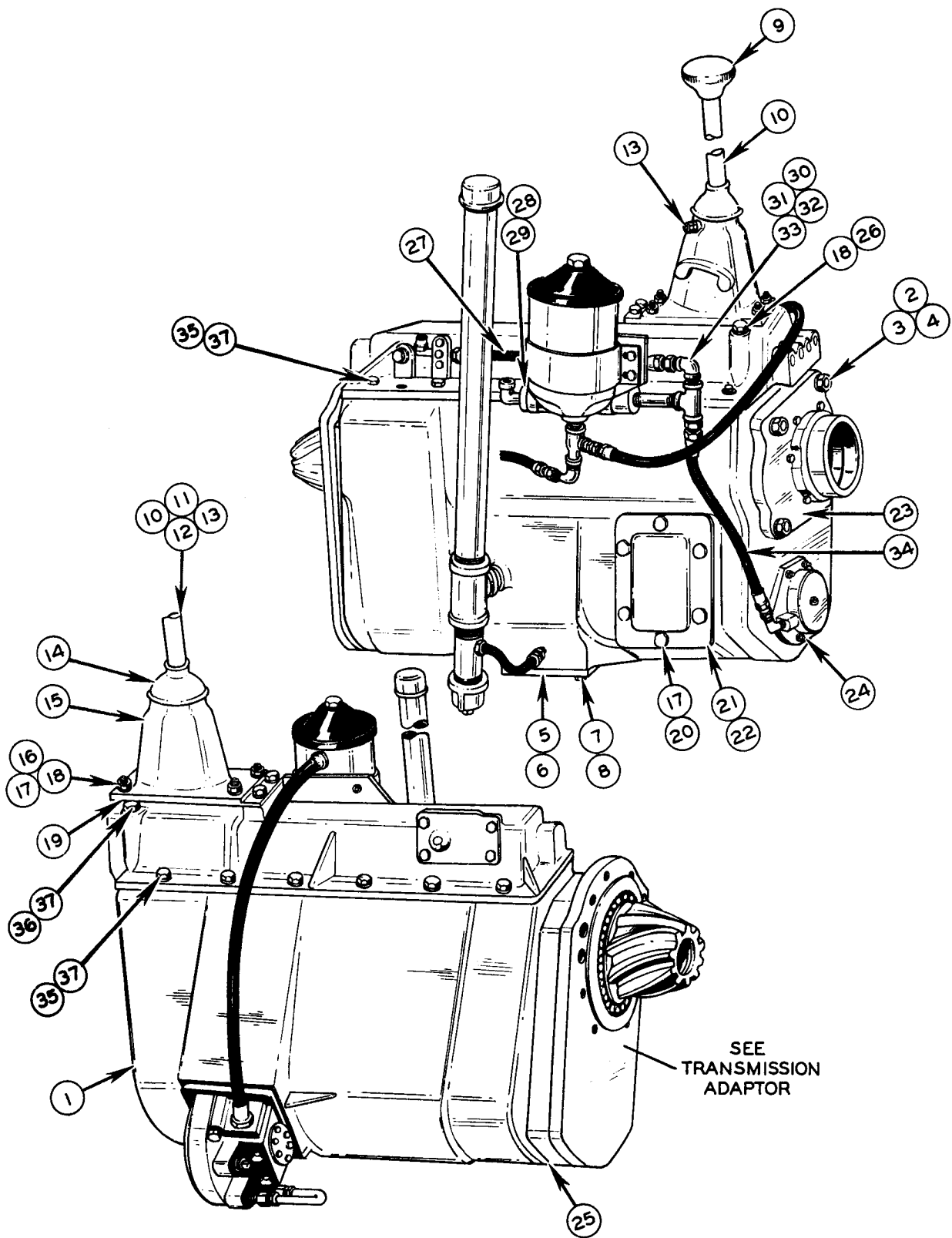


FIG. 1628
TRANSMISSION MISCELLANEOUS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1628

TRANSMISSION MISCELLANEOUS

Ref. No.	Part No.	Description	Qty.
		CASE & STUD ASSEMBLY	1
1	TH-3669	CASE *	1
	TL-3801	CASE **	1
2	TH-3668	STUD	4
3	C-1542	LOCKWASHER - 3/4"	4
4	C-1528	NUT - 3/4" - 16 NF	4
5	TD-7176	OIL SUMP ASSEMBLY	1
6	SD-8946	GASKET	1
7	TF-1962	CAPSCREW - 3/8" - 16 NC x 1"	6
8	C-312	LOCKWASHER - 3/8"	6
9	H-2885	BALL, SHIFT LEVER	1
10	SG-3899	LEVER, GEAR SHIFT	1
11	H-2905	SPRING, SHIFT LEVER	1
12	H-2906	WASHER, SHIFT LEVER	1
13	SD-8910	PIN, LEVER PIVOT	1
14	SG-2911	BOOT *	1
	TL-5479	BOOT **	1
15	SG-8043	HOUSING, SHIFT LEVER	1
16	SD-8926	STUD	1
17	C-312	LOCKWASHER - 3/8"	10
18	C-1522	NUT - 3/8" - 24 NF	4
19	H-2891	GASKET	1
20	H-8524	CAPSCREW - 3/8" - 16 NC x 5/8"	6
21	H-2907	COVER, P.T.O.	1
22	H-2892	GASKET	1
23	TH-3678	HOUSING, DRIVE GEAR BEARING	1
24	TG-8620	STUD	4
25	SD-8925	GASKET	1
26	H-9918	CAPSCREW - 3/8" - 16 NC x 4 1/2"	2
27	TG-6005	HOSE ASSEMBLY - 12 1/2"	1
28	TF-104	CLAMP	2
29	TF-18	RESERVOIR	1
30	TF-7018	NIPPLE - 1/8" x 2"	1
31	R-900	ELBOW - 1/8" x 90°	1
32	DC-5608	NIPPLE, CLOSE - 1/8"	1
33	TG-9996	TEE, PIPE - 1/8"	1
34	TG-1462	HOSE ASSEMBLY - 16"	1
35	TF-1964	CAPSCREW - 3/8" - 16 NC x 1 1/4"	16
36	H-9916	CAPSCREW - 3/8" - 16 NC x 4 1/2"	2
37	C-312	LOCKWASHER - 3/8"	18
		NOT SHOWN	
	TF-209	PLUG, PIPE - 1/8"	1
	H-2899	THIMBLE, OIL RETAINING	1
	SD-8918	THIMBLE, OIL RETAINING	1
	TL-7600	PIN, DOWEL **	2
	TL-6249	STUD 3/8" **	8
	TL-5478	BREATHING ASSY. **	1
		* INCLUDED IN TG-5481 ASSEMBLY.	
		** INCLUDED IN TL-1620, TR-9132 & TV-3620 ASSEMBLIES.	
		(FULLER LM-1220 TRANSMISSION)	
		(COMPLETE TRANSMISSION ASSEMBLIES TG-5481, TL-1620, TR-9132 & TV-3620.)	

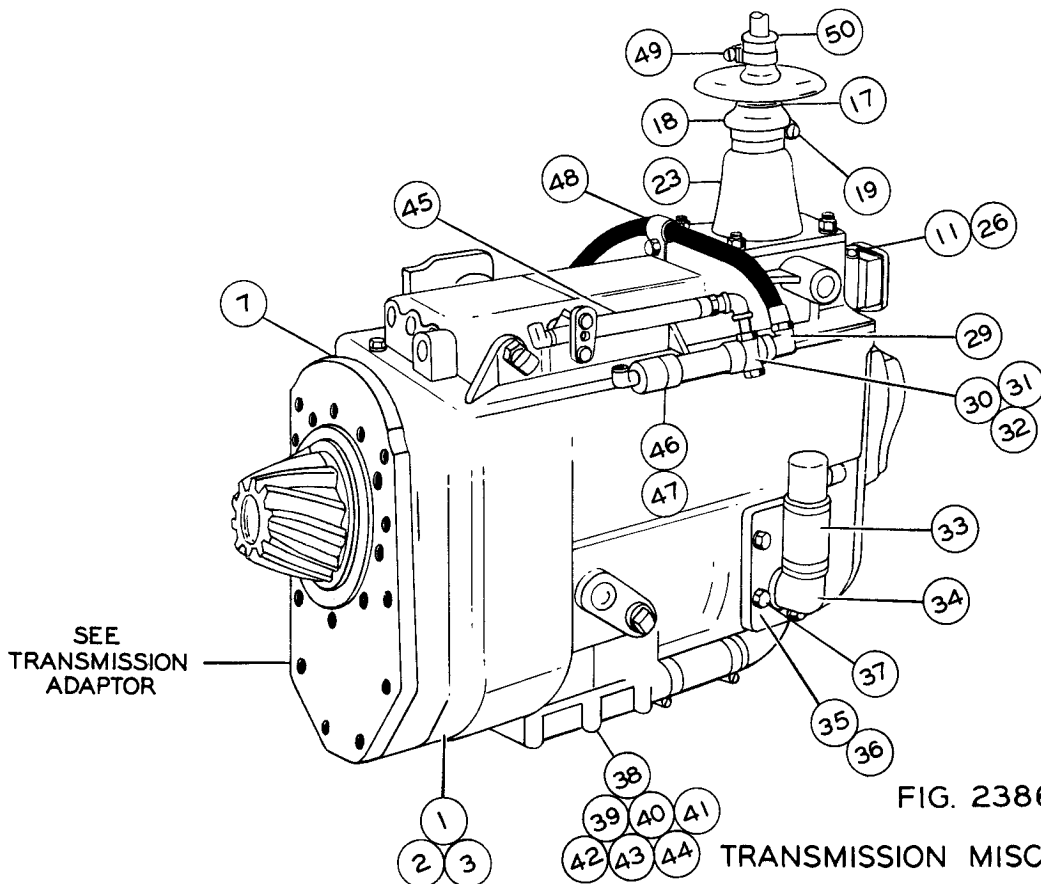
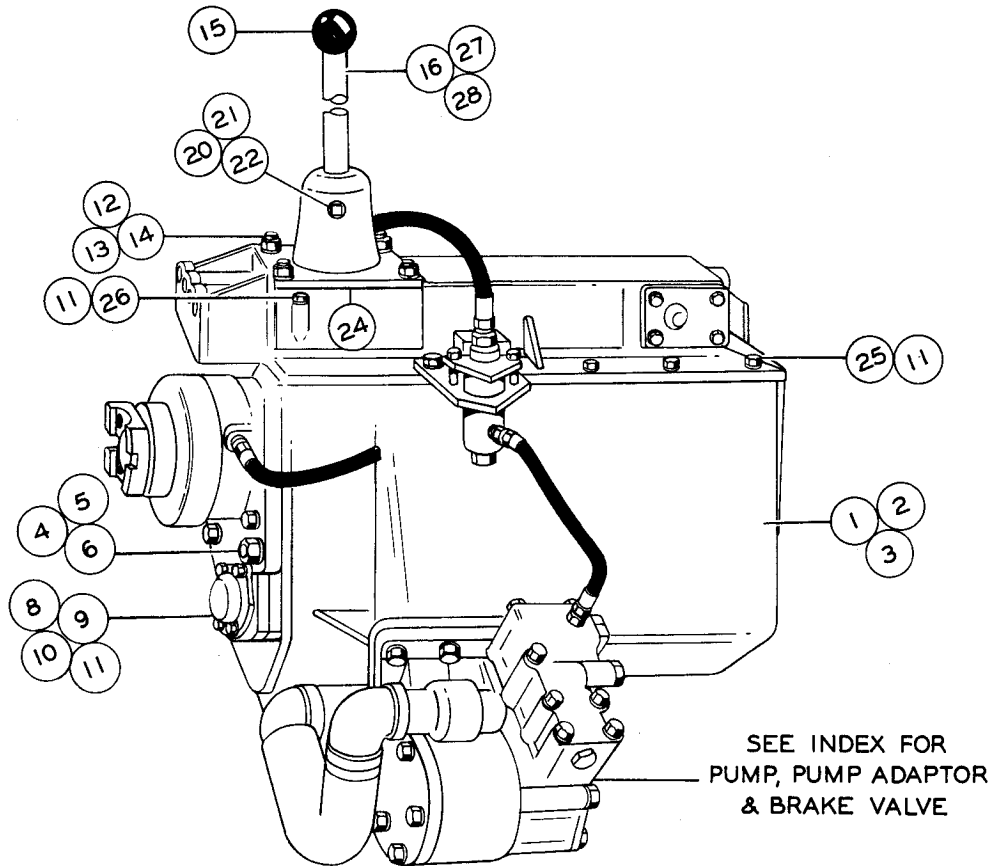


FIG. 2386

TRANSMISSION MISCELLANEOUS

FIGURE 2386

TRANSMISSION - MISCELLANEOUS

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TL-3801	Case & Stud Assembly	1	25	TR-2135	Screw, Cap-3/8"-16nc x 1 1/4"	12
2	TL-6249	Case, Transmission	1	26	TL-3190	Screw, Cap-3/8"-16nc x 4 1/2"	2
3	TL-7601	Stud (Lower Rear)	8	27	H-2905	Spring, Gear Shift Lever	1
4	TH-3668	Stud (Upper Rear)	4	28	H-2906	Washer, Gear Shift Lever	1
5	C-1542	Stud	4	29	H-2862	Elbow	2
6	C-1528	Washer, Lock-3/4"	4	30	TG-9996	Cross, Pipe	1
7	SD-8925	Nut-3/4"-16nf	4	31	DC-5608	Nipple, Close-1/8"	2
8	SG-6810	Gasket	1	32	TF-22	Elbow, Street	5
9	TR-2661	Cover, Countershaft Front Brng.	1	33	VC-1362	Valve, By-Pass (See Index)	1
10	SG-6814	Gasket, Countershaft Frnt. Brng. Cov.	1	34	VC-222	Elbow, Street	1
11	C-312	Screw, Cap-3/8"-16nc x 1 3/4"	4	35	TV-1458	Cover, P.T.O.	1
12	TG-8622	Washer, Lock-3/8"	18	36	H-2892	Gasket, P.T.O. Cover	1
13	SD-8926	Nut, Elastic Stop-3/8"-24nf	4	37	TF-1963	Screw, Cap-3/8"-16nc x 1 1/2"	6
14	TR-2134	Stud	4	38	VD-82	Sump Assembly, Oil	1
15	H-2885	Washer, Conical	4	39	TL-3150	Cover, Oil Sump	1
16	SG-3899	Ball, Gear Shift Lever	1	40	SD-8946	Gasket, Oil Sump Cover	1
17	VF-4303	Lever, Gear Shift	1	41	TL-3167	Strainer Oil Sump	1
18	VC-249	Clamp, Adjustable	1	42	TL-3175	Magnet, Oil Sump Cover	1
	VF-4302	Boot, Gear Shift Lever *	1	43	H-6881	Plug, Pipe-1"	1
	VF-4302	Boot, Gear Shift Lever **	1	44	CC-8396	Screw, Cap-3/8"-16nc x 2 3/4"	6
	VG-9488	Boot, Gear Shift Lever ***	1	45	TF-144	Hose Assembly-8"	1
19	VF-4304	Clamp, Adjustable	1	46	TF-18	Reservoir, Inertia Brake	1
20	SL-3066	Pin, Gear Shift Lever Pivot *	1	47	TF-104	Clamp, Reservoir	2
	VF-4301	Pin, Gear Shift Lever Pivot ###	1	48	TF-87	Clamp, Hose	1
21	E-3735	Washer, Plain-5/16"	1	49	CD-8419	Clamp	1
22	VF-4305	Nut, Elastic Stop-5/16"	1	50	VC-1397	Boot, Shift	1
23	TR-2131	Housing, Gear Shift Lever #	1			Not Included in Assembly	
	VD-8709	Housing, Gear Shift Lever ##	1			Not Shown	
	VF-4300	Housing, Gear Shift Lever ###	1	H-2899	Thimble, Oil Retaining		1
24	TR-2662	Gasket, Gear Shift Lever Housing	1	SD-8918	Thimble, Oil Retaining		1
				TH-7359	Breather Assembly, Shifting Bar		1

* Included in VC-1366, VC-5329 & VD-4849 Transmission Assemblies.

** Included in VF-3213 & VG-4770 Transmission Assemblies.

*** Included in VG-7287 Transmission Assembly.

Included in VC-1366 & VC-5329 Transmission Assemblies.

Included in VD-4849 Transmission Assembly.

Included in VF-3213, VG-4770 & VG-7287 Transmission Assemblies.

(Included in VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 Transmission Assemblies.)

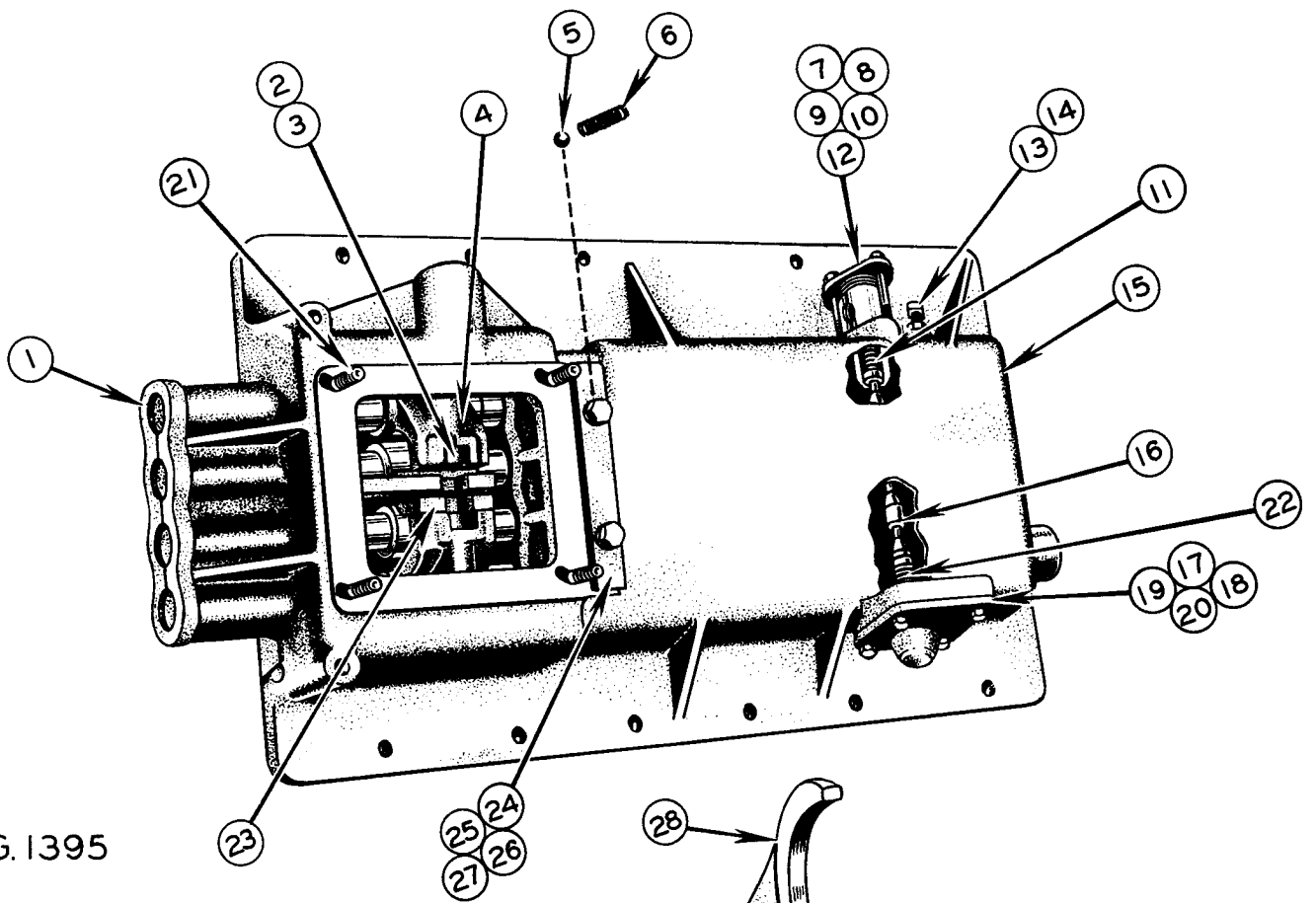
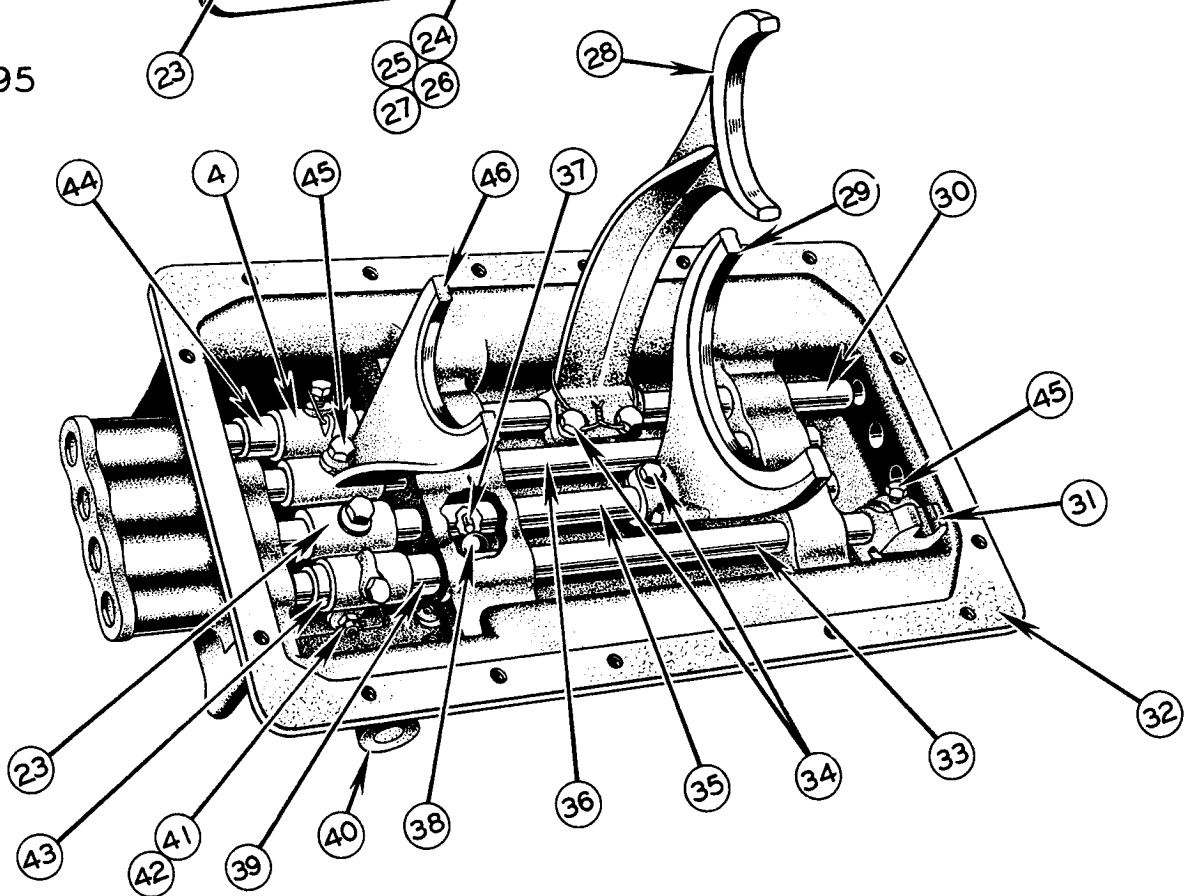


FIG. 1395



SHIFT BAR HOUSING

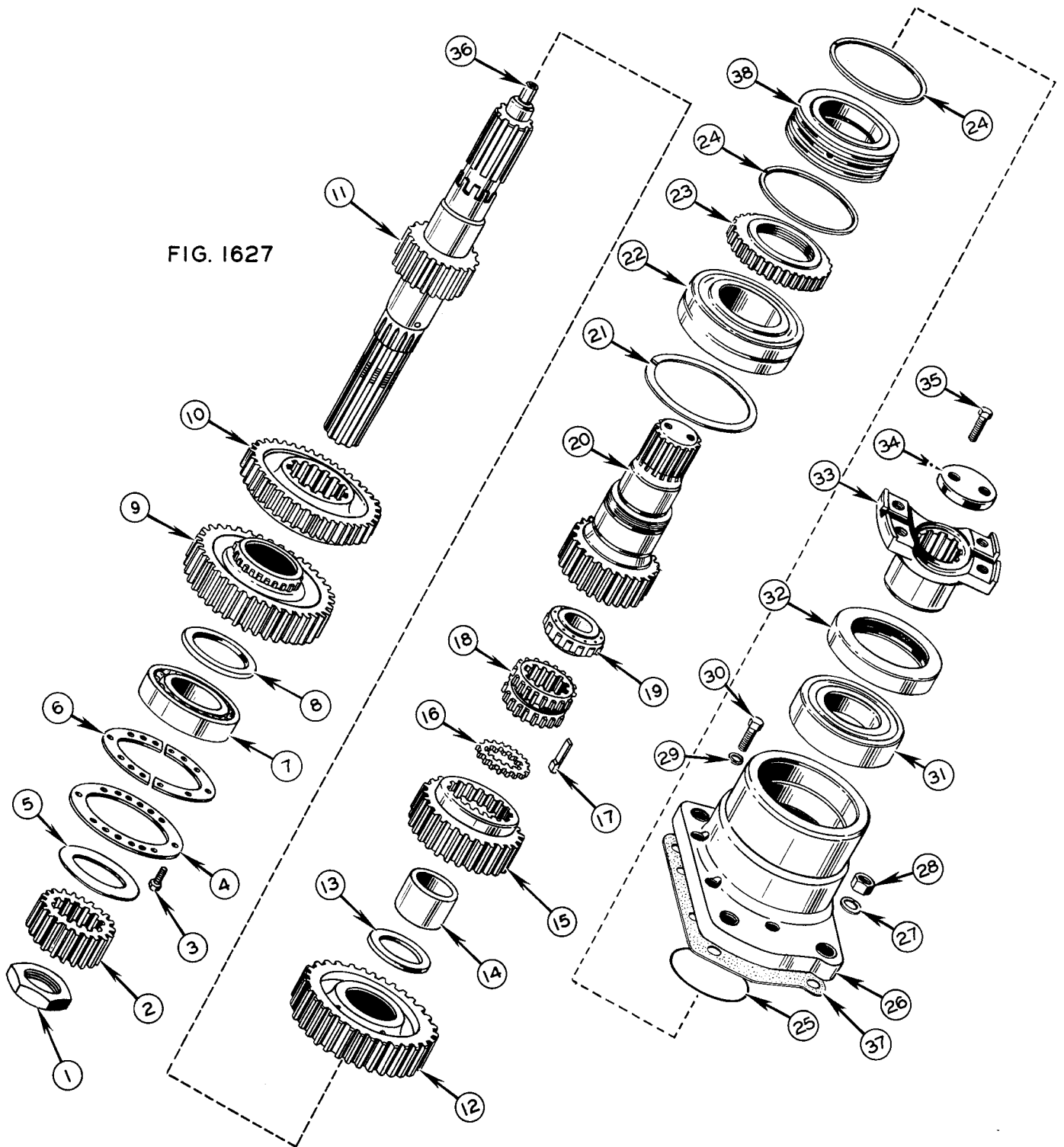
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1395

SHIFT BAR HOUSING

Ref. No.	Part No.	Description	Qty.
1	SD-8913	PLUG	8
2	SD-8907	PLUNGER, REVERSE STOP	2
3	SF-3029	SPRING	2
4	SD-8939	BLOCK, SHIFT - CENTRAL	2
5	H-2980	STEEL BALL - 1/2"	4
6	SD-8919	SPRING, POSITION FINDER	4
7	TF-7022	VALVE, TRIGGER	1
8	TF-7023	GASKET	1
9	TF-7025	SPACER	1
10	TF-7026	PLATE	1
11	TF-7003	SPRING ASSEMBLY	1
		SPRING (NOT SERVICED)	1
		SETSCREW (NOT SERVICED)	1
12	C-7590	CAPSCREW	2
13	H-2855	SETSCREW	1
14	C-1523	NUT	1
15	TF-7024	HOUSING, SHIFT BAR *	1
	TL-8762	HOUSING, SHIFT BAR **	1
16	TG-8613	SHAFT, ACTUATOR	1
17	TG-8626	COVER, PLUNGER GUIDE	1
18	TF-64	GASKET	1
19	C-5746	CAPSCREW - 1/4" - 20 NC x 3/4"	4
20	C-5774	LOCKWASHER - 1/4"	4
21	SD-8926	STUD	4
22	SD-8909	SPRING	1
23	TH-2147	BLOCK, SHIFT - 1st & 2nd	1
24	SR-3561	COVER	1
25	SR-3567	GASKET	1
26	TF-1964	CAPSCREW	16
27	C-312	LOCKWASHER - 3/8"	12
28	TF-7029	YOKE - REVERSE	1
29	TF-7041	YOKE - 1st & 2nd	1
30	TF-7037	BAR, YOKE - REVERSE	1
31	TF-65	BLOCK, SHIFT - OVERDRIVE	1
32	TR-2664	GASKET	1
33	TF-7027	BAR, YOKE - OVERDRIVE	1
34	TF-7042	CAPSCREW	6
35	TH-2148	BAR, YOKE - 1st & 2nd	1
36	TF-7028	BAR, YOKE - 3rd & DIRECT	1
37	SD-8904	PIN, CROSS	2
38	SF-2578	BALL, STEEL - 5/8"	3
39	SG-425	SPACER, YOKE BAR - OVERDRIVE	1
40	SF-495	PLUG	1
41	SF-5767	NUT	2
42	SD-1696	PIN, COTTER	2
43	SG-426	SPACER, YOKE BAR - OVERDRIVE FRONT	1
44	SD-8396	SPACER, YOKE BAR	1
45	H-2910	LOCKSCREW	5
46	SG-8583	YOKE, SHIFT - 3rd & DIRECT	1
		* INCLUDED IN TG-5481, TL-1620, TR-9132 & TV-3620 TRANS. ASSEMBLIES.	
		** INCLUDED IN VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 TRANSMISSION ASSEMBLIES. (FULLER LM-1220 TRANSMISSION)	
		(COMPLETE TRANS. ASSYS. TG-5481, TL-1620, TR-9132, TV-3620, VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287)	

FIG. 1627



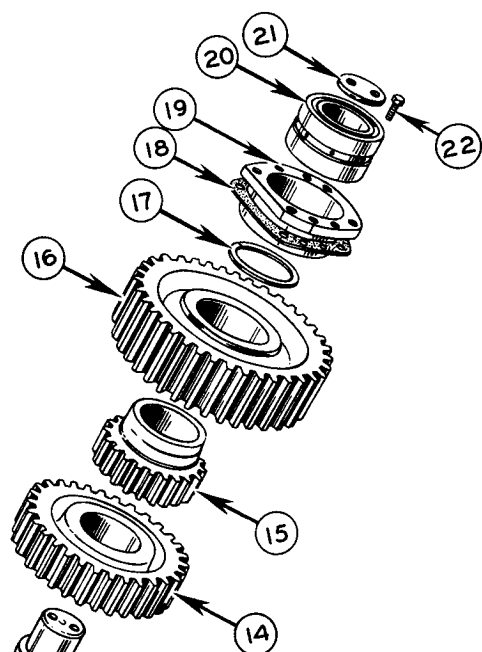
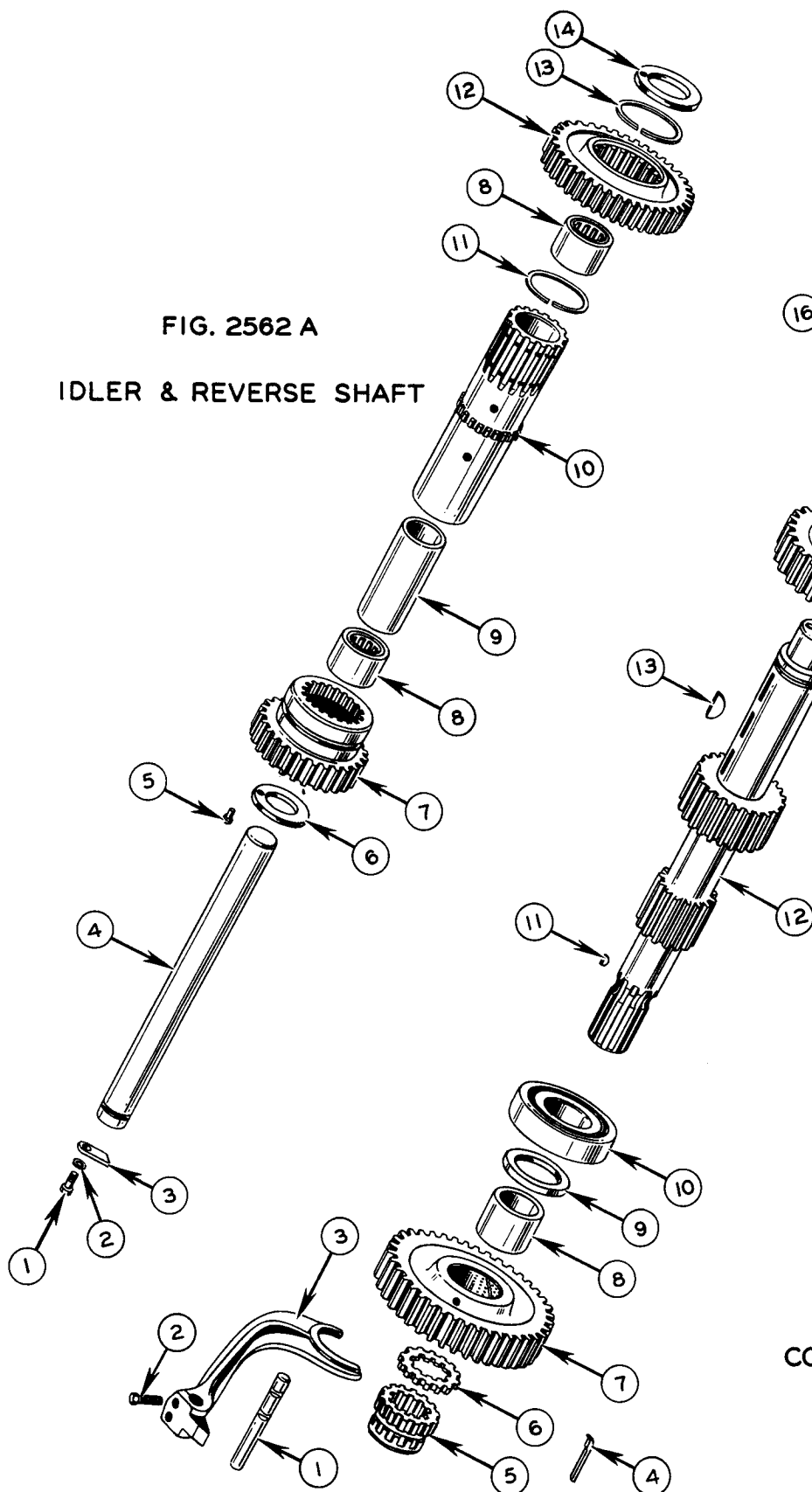
MAINSHAFT

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1627

MAINSHAFT

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TC-4513	Nut	1		VG-5531	Gear & Bushing, Mainshaft çç	1
2	TF-7040	Gear, Overdrive	1		TF-7012	Bushing	1
3	SH-9187	Capscrew-5/16"-18nc x 15/32" Special	6	16	SH-4531	Washer, - 3rd Speed Gear	1
	SH-9186	Lockwasher - 5/16"	1	17	TV-1487	Key	1
	H-2972	Capscrew-3/8"-16nc x 1"-Special	6		TL-6201	Pin	1
4	SL-4969	Cover, Rear Bearing	1	18	TG-8531	Clutch, Sliding ç	1
5	SD-8911	Washer	1		VG-5536	Clutch, Sliding çç	1
6	SL-1411	Puller, Bearing	1	19	TF-9897	Bearing ***	1
7	S-5904	Bearing, Ball	1		TR-2699	Bearing #	1
8	SD-8948	Spacer @	1	20	RK-1048	Gear Kit, Drive ç	1
	VC-5435	Spacer @@	1		VG-5537	Gear, Drive çç	1
9	TF-7007	Gear, Mainshaft ç	1	21	TH-3682	Ring, Snap	1
	VG-5533	Gear, Mainshaft çç	1	22	TF-153	Bearing	1
	TF-7008	Bushing	1	23	RK-1052	Nut Kit, Bearing	1
10	TF-7031	Gear, Clutch-1st & 2nd Speed ##	1	24	TF-8	Ring, Piston	2
	VF-401	Gear, Clutch-1st & 2nd Speed @@	1	25	TH-8599	"O" Ring	1
	VG-5535	Gear, Clutch-1st & 2nd Speed çç	1	26	TH-3678	Housing	1
11	TF-7035	Mainshaft *	1	27	C-1542	Lockwasher - 3/4"	4
	TV-1486	Mainshaft **	1	28	C-1528	Nut - 3/4" - 16nf	4
	VC-5437	Mainshaft ###	1	29	C-312	Lockwasher - 3/8"	4
	VF-400	Mainshaft @@@	1	30	C-1605	Capscrew-3/8"-16nc x 1 3/4"	4
12	TF-7009	Gear & Bushing, Mainshaft ç ..	1	31	TH-3689	Bearing	1
	VG-5532	Gear & Bushing, Mainshaft çç ..	1	32	TH-3684	Seal, Oil	1
	TF-7010	Bushing	1	33	TH-115	Yoke	1
13	SG-8587	Washer-3rd Speed Gear ## ..	1	34	TH-3683	Retainer	1
	VC-5436	Washer-3rd Speed Gear @ ..	1	35	TH-3686	Bolt	2
14	TF-7034	Sleeve-3rd Speed Gear	1	36	TV-1462	Coupling	1
15	TF-7011	Gear & Bushing, Mainshaftç ..	1	37	TR-2669	Gasket	1
				38	TH-3679	Sleeve	1
* Included in TG-5481, TL-1620, TR-9132 & TV-3620 Transmission Assemblies. ** Included in VC-1366 Transmission Assembly. *** Included in TG-5481 Transmission Assembly. # Included in TL-1620, TR-9132, TV-3620, VC-1366, VD-4849, VF-3213, VG-4770 & VG-7287 Transmission Assemblies. ## Included in TG-5481, TL-1620, TR-9132, TV-3620 & VC-1366 Trans. Assemblies. ### Included in VC-5329 Transmission Assembly. @ Included in VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 Trans. Assemblies. @@ Included in VD-4849 Transmission Assembly. @@@ Included in VD-4849, VF-3213, VG-4770 & VG-7287 Transmission Assemblies. ç Included in TG-5481, TL-1620, TR-9132, TV-3620, VC-1366, VC-5329, VD-4849 & VF-3213 Transmission Assemblies. çç Included in VG-4770 & VG-7287 Transmission Assemblies. (Fuller LM-1220 Transmission) (Complete Transmission Assemblies TG-5481, TL-1620, TR-9132, TV-3620, VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287.)							



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2562A

IDLER & REVERSE SHAFT

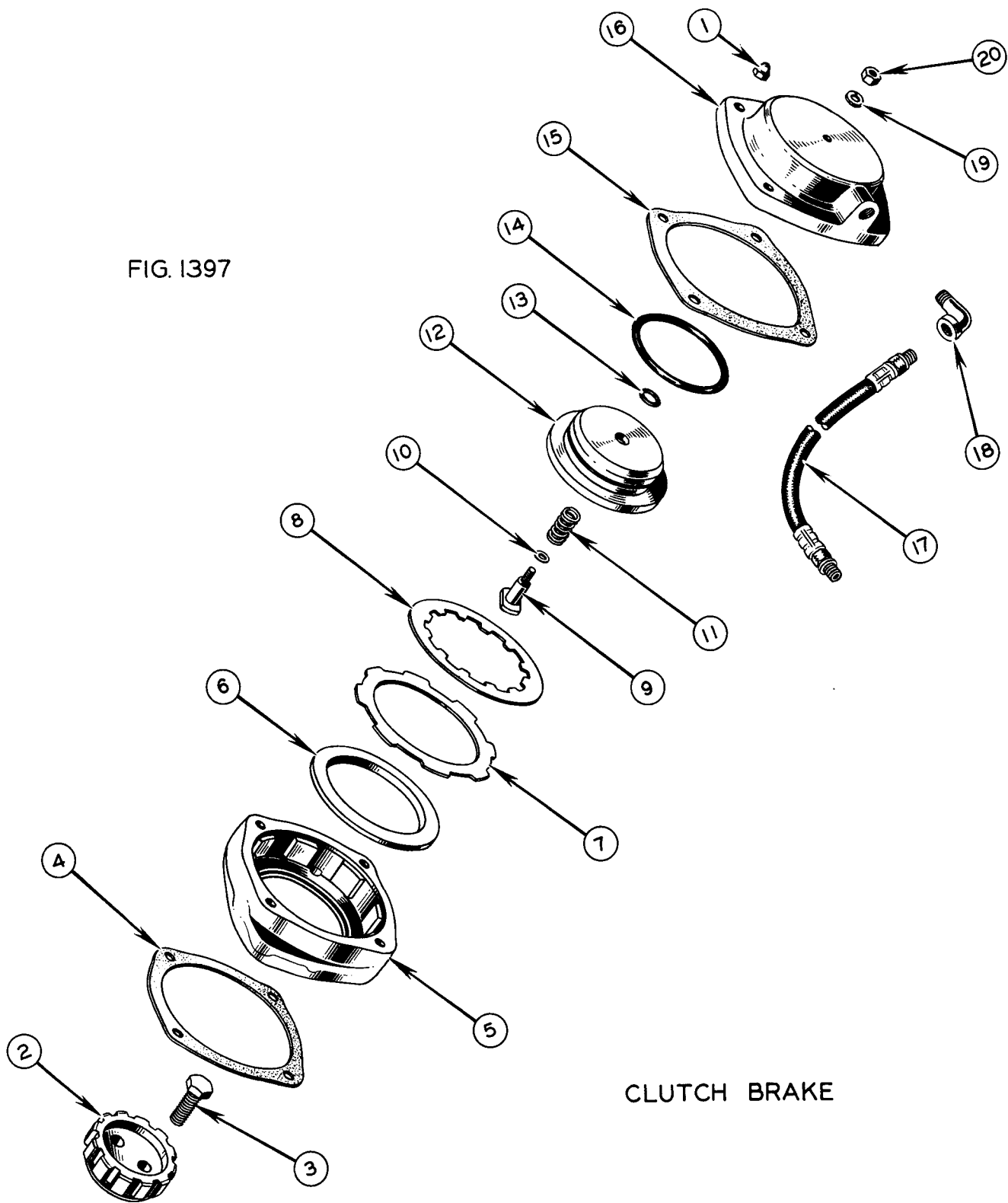
Ref. No.	Part No.	Description	Qty.
1	H-8524	CAPSCREW	1
2	H-5304	LOCKWASHER	1
3	H-2890	PLATE, LOCK	1
4	SG-5563	SHAFT, IDLER	1
5	TF-3110	PIN, THRUST WASHER	2
6	SG-8047	WASHER, THRUST - REAR	1
7	TF-7000	GEAR, REVERSE	1
	TF-7001	BUSHING	1
8	SD-8961	BEARING	2
9	SD-8916	SPACER	1
10	SD-8914	SLEEVE, REVERSE IDLER DRIVE	1
11	SG-8002	RING, SNAP	1
12	SP-1860	GEAR, REVERSE IDLER	1
13	SG-8002	RING, SNAP	1
14	SG-8048	WASHER, THRUST - FRONT	1
(FULLER LM-1220 TRANSMISSION)			
(Complete Trans.Assys.TG-5481,TL-1620,TR-9132,TV-3620,VC-1366,VC-5329,VD-4849,VF-3213,VG-4770 & VG-7287)			

FIGURE 2562B

COUNTERSHAFT

1	SG-5864	YOKE BAR, OVERDRIVE (Short)	1
2	TF-7042	CAPSCREW - 3/8" - 24NF x 1 3/8" - SPECIAL	2
3	SG-5863	SHIFT YOKE, OVERDRIVE	1
4	SH-4529	KEY, THRUST WASHER	1
5	SG-8582	SLIDING CLUTCH, OVERDRIVE GEAR**	1
	VG-8170	SLIDING CLUTCH, OVERDRIVE GEAR ***	1
6	SH-4528	THRUST WASHER, OVERDRIVE GEAR	1
7	TF-7013	GEAR, OVERDRIVE **	1
	VG-5534	GEAR, OVERDRIVE ***	1
	TC-9757	BUSHING	1
8	SH-1354	SLEEVE, OVERDRIVE GEAR	1
9	SG-8584	SPACER, OVERDRIVE GEAR SLEEVE	1
10	SG-8044	BEARING	1
11	H-2965	KEY, WOODRUFF	1
12	TF-7039	COUNTERSHAFT	1
13	H-2967	KEY, WOODRUFF	3
14	TF-7038	GEAR, 3rd SPEED	1
15	SP-1851	GEAR, PTO & REVERSE DRIVER	1
16	TF-7030	GEAR, COUNTERSHAFT DRIVE	1
17	H-2939	RING, SNAP	1
18	TR-2149	GASKET	1
19	SG-6812	ADAPTOR, BEARING	1
20	SG-2935	BEARING ASSEMBLY	1
21	SG-2920	PLATE, BEARING RETAINER *	1
22	SG-255	CAPSCREW *	2
(FULLER LM-1220 TRANSMISSION)			
* INCLUDED IN VC-1366 TRANSMISSION ASSEMBLY.			
** INCLUDED IN TG-5481,TL-1620,TR-9132, TV-3620,VC-1366,VC-5329,VD-4849 & VF-3213 TRANSMISSION ASSYS.			
*** INCLUDED IN VG-4770 & VG-7287.			
(Complete Trans.Assys. TG-5481,TL-1620,TR-9132,TV-3620,VC-1366,VC-5329,VD-4849,VF-3213,VG-4770 & VG-7287.)			

FIG. 1397



CLUTCH BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1397

CLUTCH BRAKE

Ref. No.	Part No.	Description	Qty.
1	TG-8622	NUT	4
	C-312	LOCKWASHER	4
2	TF-101	CARRIER	1
3	TF-149	CAPSCREW	2
4	SG-6811	GASKET	1
5	TF-97	BODY, ADAPTOR	1
6	TF-102	SPACER	1
7	TF-100	DISC, FRICTION	7
8	TF-99	DISC, FRICTION	6
9	TF-93	RETAINER, PISTON GUIDE & SPRING	1
10	TF-94	GASKET	1
11	TF-95	SPRING, PISTON RETURN	1
12	TF-96	PISTON	1
13	TF-91	"O" RING	1
14	TF-92	"O" RING	1
15	TF-90	GASKET	1
16	TF-88	COVER	1
17	TG-1462	HOSE ASSEMBLY - 16"	1
18	TF-22	ELL, STREET	1
19	C-5774	LOCKWASHER - 1/4"	1
20	C-5781	NUT - 1/4" - 28 NF	1
(FULLER LM-1220 TRANSMISSION)			
(Complete Trans. Assys. TG-5481, TL-1620, TR-9132 & TV-3620)			

TRANSMISSION ADAPTOR

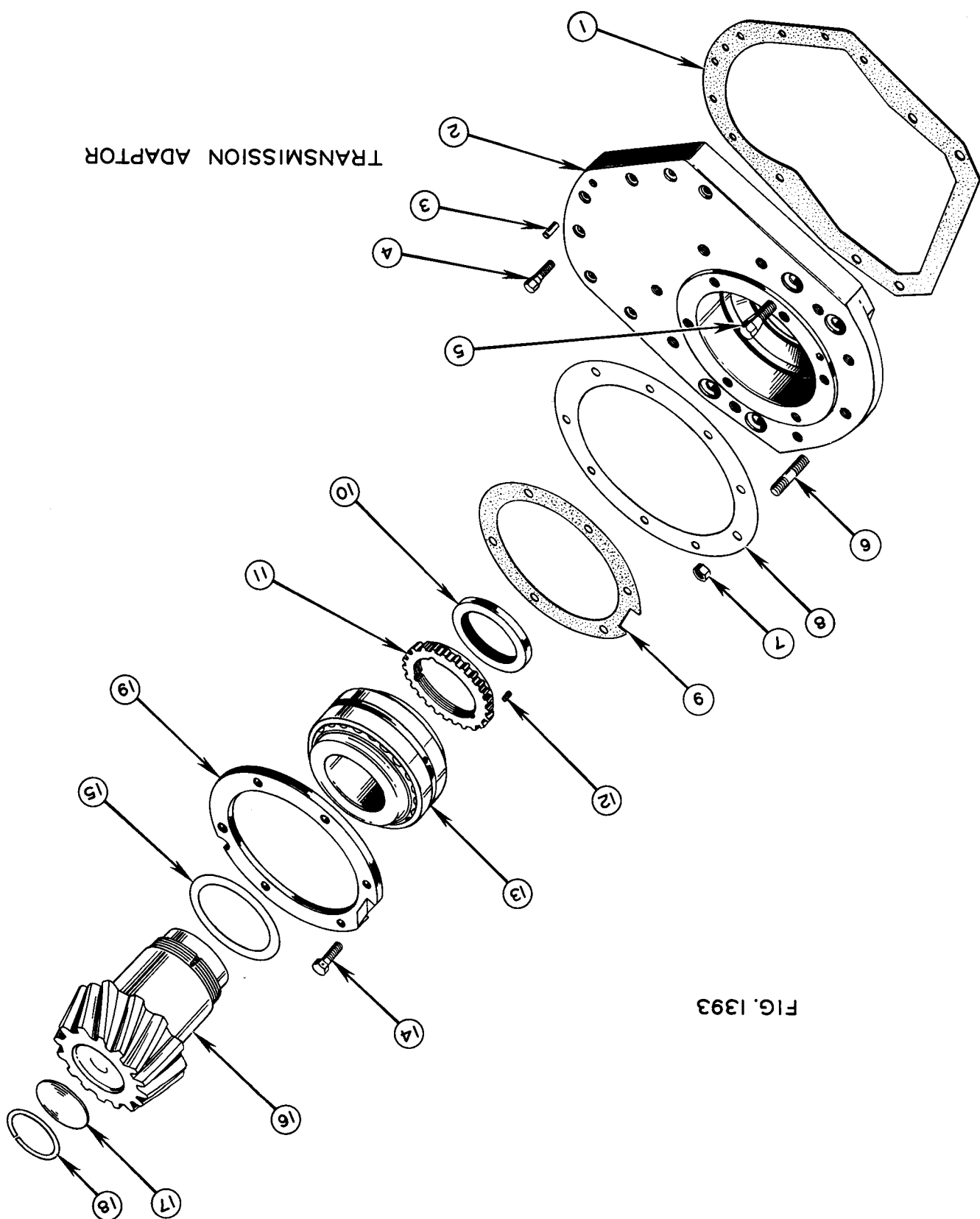


FIG. 1393

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1393

TRANSMISSION ADAPTOR

Ref. No.	Part No.	Description	Qty.
1	CD-5102	GASKET *	1
	DL-6473	GASKET **	1
2	TG-5848	ADAPTOR *	1
	DL-5921	ADAPTOR **	1
3	CD-5340	PIN, DOWEL	2
	SV-9829	PIN, DOWEL - 3/4" x 2" #	2
4	CD-4287	CAPSCREW, TAPERHEAD - 3/8" NC x 1" *	8
	TL-6675	NUT, SELF LOCKING - 3/8" NF **	8
5	CD-4288	CAPSCREW, TAPERHEAD - 5/8" NC x 1 1/8" *	4
	TL-6676	NUT, SELF LOCKING - 5/8" NF **	4
6	TG-5845	STUD - 5/8" - 11 NC	9
7	R-666	NUT, JAM - 5/8" - 11 NC	18
8	DD-9762	SHIM	AR
	DD-9761	GASKET	1
9	TG-7950	GASKET *	1
	DL-6474	GASKET **	1
10	SP-2438	SEAL, OIL	2
11	DG-3338	NUT	1
12	SG-3840	SETSCREW	1
13	SG-5585	BEARING	1
14	CD-913	CAPSCREW, DRILLED HEAD - 5/8" NC x 1 1/4"	6
15	SP-2429	SHIM	AR
16	TG-5844	RING GEAR & PINION SET	1
17	DG-3242	PLUG, WELSH	1
18	SR-8405	RING, SNAP	1
19	TG-5847	RING, KEEPER *	1
	DL-6477	RING, KEEPER **	1
		NOT SHOWN	
	DL-5092	PLUG	4
	DL-5094	HOSE - 3/4" I.D. x 1 13/16"	4
		* EFFECTIVE THRU SERIAL SUFFIX CPF6-E.	
		** EFFECTIVE WITH SERIAL SUFFIX CPF6-F.	
		# EFFECTIVE WITH SERIAL SUFFIX CPF6-K.	

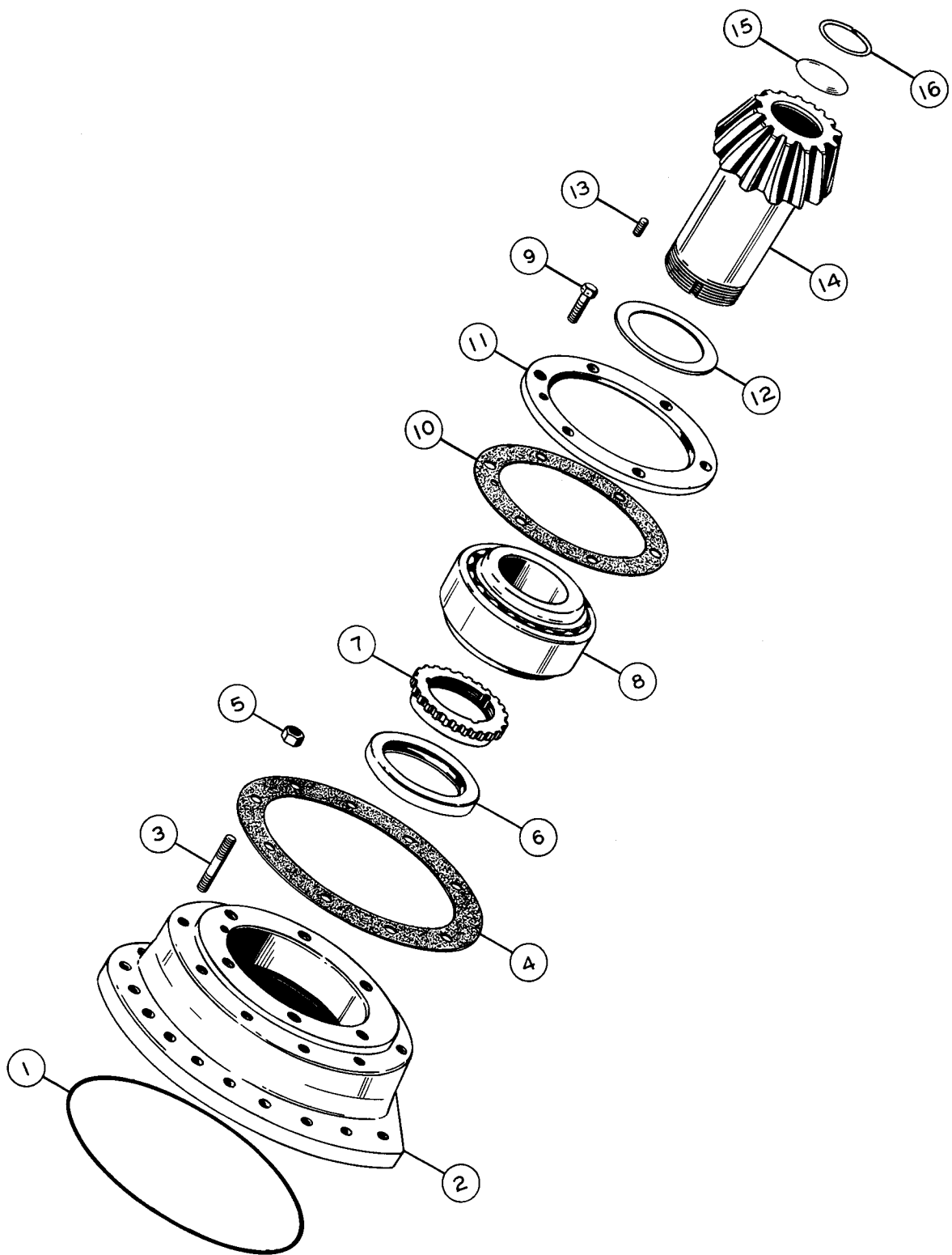


FIG. 2568

ADAPTOR-TRANSMISSION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2568

TRANSMISSION ADAPTOR - ALLISON

Ref. No.	Part No.	Description	Qty.
1	VH-2538	"O" RING (Furnished with Transmission)	1
2	VG-7255	ADAPTOR	1
3	TG-5845	STUD	9
4	DD-9761	GASKET	1
	DD-9762	SHIM	AR
5	R-666	NUT	18
6	VG-7253	SEAL, OIL	1
7	VG-7254	NUT, LOCK	1
8	SG-5585	BEARING, ROLLER	1
9	CD-913	SCREW, CAP	6
10	DL-6474	GASKET	1
11	DL-6477	RETAINER, BEARING	1
12	SP-2429	SHIM	AR
13	SG-3840	PLUG, PIPE	1
14	VH-3474	GEAR & PINION SET	1
15	TG-509	PLUG	1
16	VG-6919	RING, SNAP	1
(EFFECTIVE WITH SERIAL SUFFIX CPA6)			

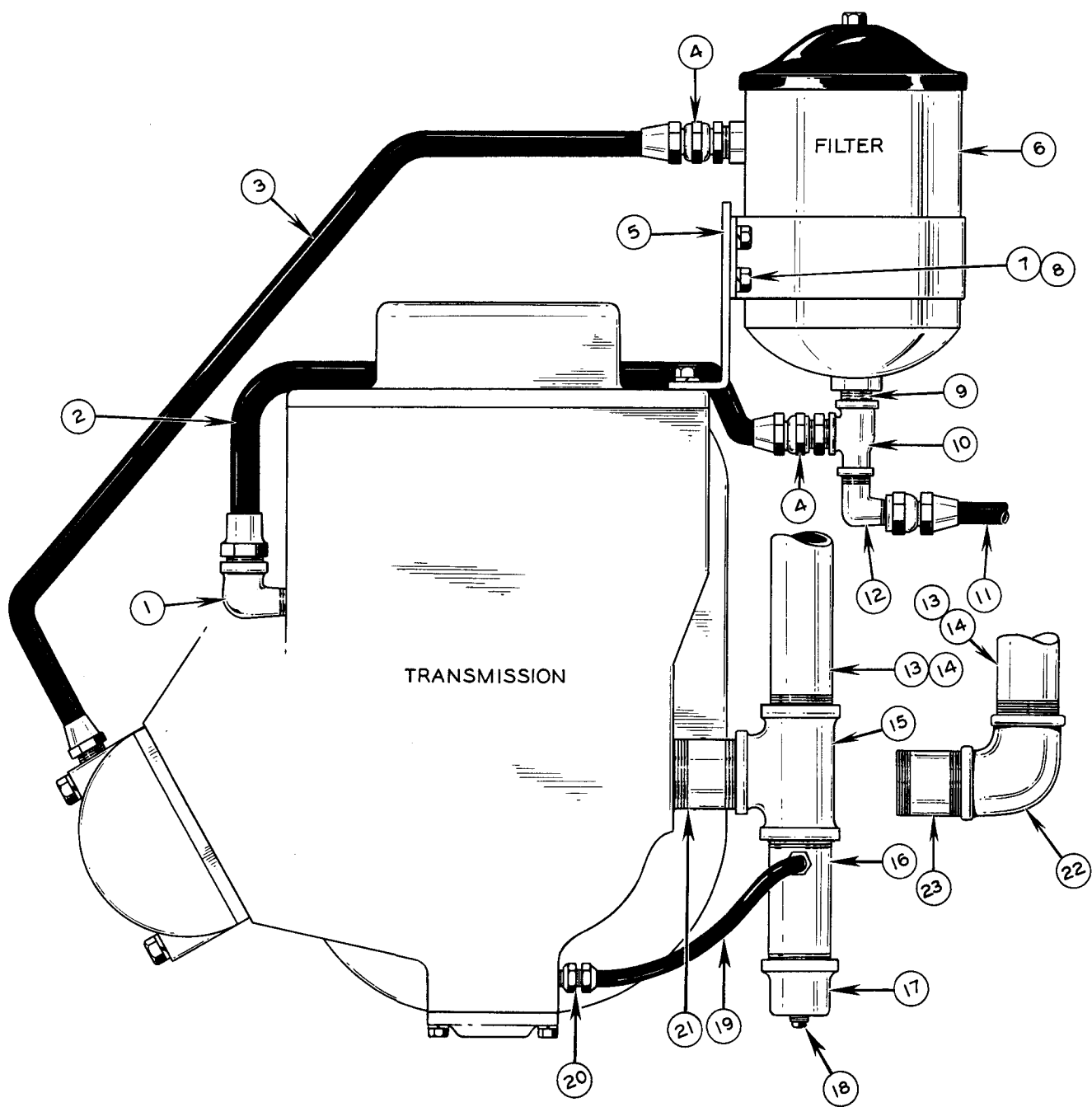


FIG. 1623

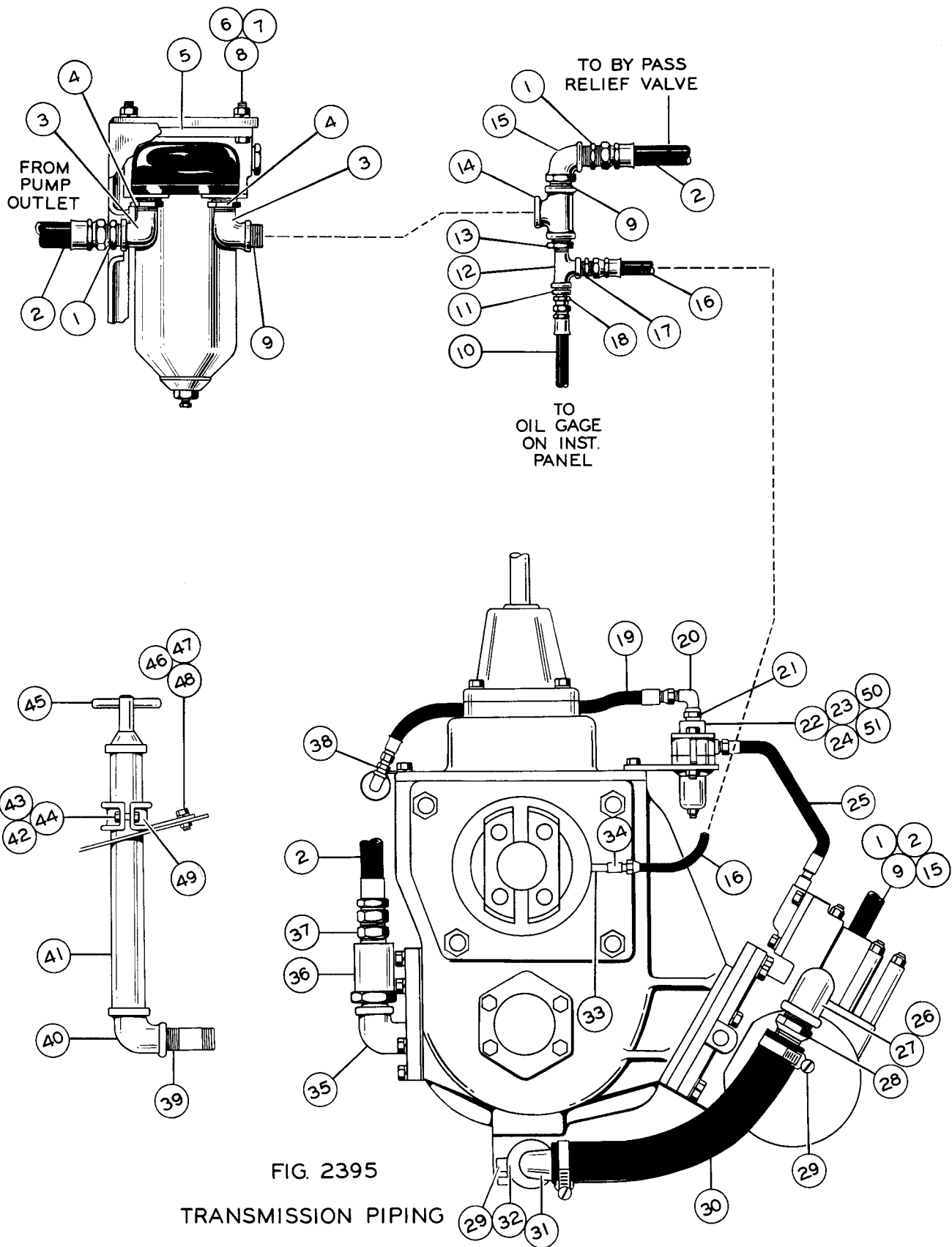
TRANSMISSION OIL PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1623

TRANSMISSION OIL PIPING

Ref. No.	Part No.	Description	Qty.
1	R-3188	ELBOW - 1/4" NPT x 90°	1
2	TF-4230	HOSE ASSEMBLY - 3/8" x 27" (Eff. thru Serial Suffix CPF6-G)	1
	TF-4238	HOSE ASSEMBLY - 3/8" x 39" (Eff. with Serial Suffix CPF6-H)	1
3	TF-4433	HOSE ASSEMBLY - 3/8" x 30" (Eff. thru Serial Suffix CPF6-G)	1
	TF-4445	HOSE ASSEMBLY - 3/8" x 48" (Eff. with Serial Suffix CPF6-H)	1
4	TD-9743	ADAPTOR, STRAIGHT	2
5	TD-9688	SUPPORT, OIL FILTER	1
6	TF-28	FILTER, OIL (See Index) } (Eff. thru Serial Suffix CPF6-G)	1
	SV-8598	FILTER, OIL (See Index) (Eff. with Serial Suffix CPF6-H)	1
7	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
8	C-1538	LOCKWASHER - 5/16"	4
	C-1520	NUT - 5/16" NC	4
9	HC-1581	NIPPLE, CLOSE - 3/8" NPT	1
10	DC-5037	TEE, PIPE - 3/8" x 1/4" x 3/8" NPT	1
11	TF-4161	HOSE ASSEMBLY - 1/4" x 90" (Eff. thru Serial Suffix CPF6-G)	1
	TF-4167	HOSE ASSEMBLY - 1/4" x 108" (Eff. with Serial Suffix CPF6-H)	1
12	TD-9747	ADAPTOR, MALE - 1/4" NPT x 90°	1
13	DL-4488	PIPE (Eff. thru Serial Suffix CPF6-E)	1
	TL-6663	PIPE (Eff. with Serial Suffix CPF6-F)	1
14	DL-4487	CAP & GAGE (Eff. thru Serial Suffix CPF6-E)	1
	DL-6584	CAP & GAGE (Eff. with Serial Suffix CPF6-F)	1
15	SV-9138	TEE, PIPE - 1 1/4" NPT	1
16	TH-5537	NIPPLE, SPECIAL	1
17	DL-3938	CAP } (Eff. thru Serial Suffix CPF6-E)	1
18	C-5769	PLUG, PIPE - 1/4" NPT	1
19	TF-4212	HOSE ASSEMBLY - 3/8" x 11"	1
20	TD-9720	ADAPTOR, MALE - 90°	1
21	TC-4895	NIPPLE - 1 1/4" NPT x 3"	1
22	TL-5491	ELBOW - 1 1/4" NPT x 90°	1
23	TH-5543	NIPPLE - 1 1/4" NPT x 3" } (Eff. with Serial Suffix CPF6-F)	1
NOT SHOWN			
	DL-6732	CLAMP, FILLER PIPE	1
	C-5746	CAPSCREW - 1/4" NC x 3/4"	2
	C-5774	LOCKWASHER - 1/4"	2
	SF-5816	FLATWASHER - 1/4" } (Eff. with Serial Suffix CPF6-H)	2
	C-5780	NUT - 1/4" NC	2
	SP-6234	GROMMET, STEEL	1
	C-7588	CAPSCREW - 1/4" NC x 1"	2
	H-2365	NUT - 1/4" NC	2
NOTE: FILTER MOVED TO COCKPIT. EFF. WITH SERIAL SUFFIX CPF6-H.			
EFFECTIVE THRU SERIAL SUFFIX CPF6-M.			



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2395

TRANSMISSION PIPING

Ref. No.	Part No.	Description	Qty.
1	TD-9722	ADAPTOR, STRAIGHT - 3/4"NPT x 1 1/16" - 12	3
2	VH-5953	HOSE ASSEMBLY	2
3	F-6769	ELBOW, STREET - 3/4"NPT x 90°	2
4	HD-8019	BUSHING, REDUCING - 1" x 3/4"	2
5	TG-1650	FILTER, OIL	1
	SP-6298	ELEMENT, FILTER	2
6	F-4016	CAPSCREW - 7/16" - 14NC x 1 3/4"	4
7	C-5775	LOCKWASHER - 7/16"	4
8	C-5572	NUT - 7/16" - 14NC	4
9	SD-5203	NIPPLE, CLOSE - 3/4"NPT	3
10	VH-5954	HOSE ASSEMBLY	1
11	R-86	BUSHING, REDUCING - 3/8" x 1/4"	1
12	SG-3435	TEE, STREET - 3/8"NPT	1
13	SD-5209	BUSHING, REDUCING - 3/4" x 3/8"	1
14	SD-5168	TEE, PIPE - 3/4"NPT	1
15	DC-4976	ELBOW - 3/4"NPT x 90°	2
16	VH-5955	HOSE ASSEMBLY	1
17	TD-9743	ADAPTOR, STRAIGHT - 3/8"NPT x 9/16" - 18	1
18	TD-9719	ADAPTOR, STRAIGHT - 1/4"NPT x 1/2" - 20	1
19	TF-4121	HOSE ASSEMBLY - 1/4" x 16"	1
20	TD-9746	ADAPTOR - 1/8"NPT x 1/2" - 20	1
21	HD-1007	BUSHING, REDUCING - 3/8"NPT x 1/8"NPT	1
22	VC-9900	VALVE, AIR PRESSURE REGULATOR *	1
23	R-5420	CAPSCREW - 5/16" - 24NF x 2 1/4" *	2
24	VD-85	NUT, PERMATITE - 5/16" - 24NF *	2
25	VD-67	HOSE ASSEMBLY - 10 1/2" *	1
26	TV-1450	ELBOW *	1
27	TV-1451	NIPPLE *	1
28	TV-1452	ADAPTOR *	1
29	TL-3166	CLAMP, HOSE *	4
30	TV-1454	HOSE, SUCTION - 15 1/4" *	1
31	TL-3170	ELBOW *	1
32	TV-1459	HOSE, SUCTION - 5 3/4" *	1
33	R-3172	NIPPLE, PIPE - 1/4"NPT x 3"	1
34	R-1395	COUPLING, PIPE - 1/4"NPT	1
35	VC-222	ELBOW, STREET *	1
36	VC-1362	VALVE, BY-PASS (See Index) *	1
37	TD-9728	ADAPTOR, STRAIGHT - 3/4"NPT x 1 1/16"	1
38	TD-9718	ADAPTOR, STRAIGHT - 1/8"NPT x 1/2" - 20	1
39	TH-5543	NIPPLE - 1 1/4"NPT x 3"	1
40	TL-5491	ELBOW - 1 1/4"NPT x 90°	1
41	VC-1368	PIPE, FILLER	1
42	SP-6234	GROMMET	1
43	C-7588	CAPSCREW - 1/4" - 20NC x 1"	2
44	H-2365	NUT, SQUARE - 1/4" - 20NC	2
45	VC-1367	DIP STICK	1
46	TC-1234	CAPSCREW - 3/8" - 16NC x 3/4"	2
47	TC-1232	FLATWASHER - 3/8"	2
48	TC-1231	LOCKWASHER - 3/8"	2
49	VF-3700	CLAMP, FILLER PIPE	1
50	VD-66	BRACKET, AIR REGULATOR VALVE MOUNT *	1
51	VD-65	CLAMP, AIR REGULATOR VALVE MOUNT BRACKET *	1
* INCLUDED IN VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 TRANSMISSION ASSEMBLIES.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-N)			

FIG. 1593 A

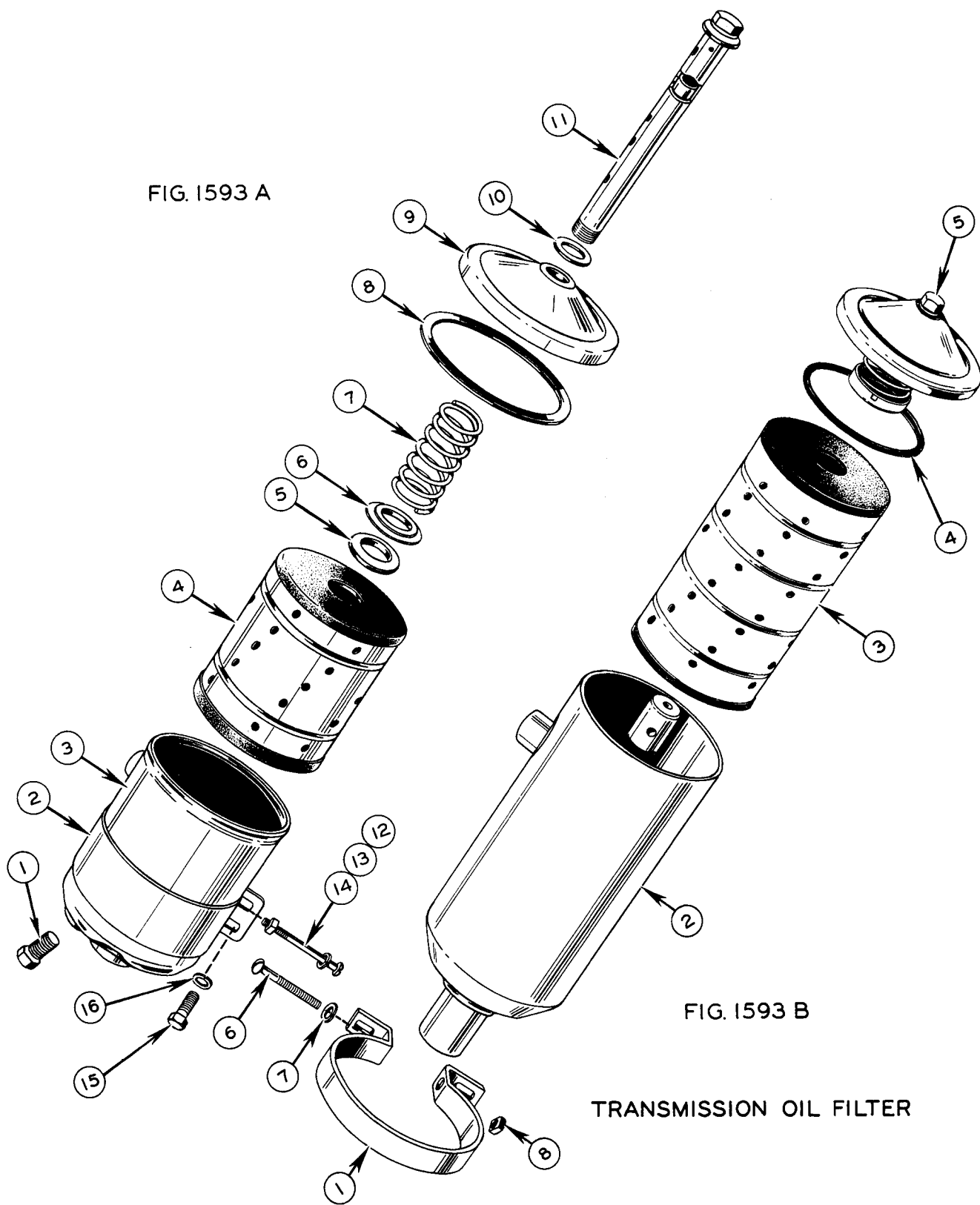


FIG. 1593 B

TRANSMISSION OIL FILTER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1593A

TRANSMISSION OIL FILTER 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
15	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
16	C-1538	LOCKWASHER - 5/16"	4
(EFFECTIVE THRU SERIAL SUFFIX CPF6-G)			

FIGURE 1593B

TRANSMISSION & ENGINE OIL FILTER 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
NOT SHOWN & NOT INCLUDED IN ASSEMBLY			
	TL-3456	BRACKET, MOUNT	1
	E-4538	CAPSCREW - 5/16" NC x 7/8"	4
	C-1538	LOCKWASHER - 5/16"	4
	C-1520	NUT - 5/16" NC	4
	C-1609	CAPSCREW - 7/16" NC x 1 1/2"	2
	C-5775	LOCKWASHER - 7/16"	2
	C-312	LOCKWASHER - 3/8"	2
	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	1
NOTE: SV-8598 FILTER ASSY. USED AS ENGINE OIL FILTER. EFF. THRU SERIAL SUFFIX CPF6-G. USED AS TRANSMISSION OIL FILTER. EFF. THRU SERIAL SUFFIX CPF6-H.			

NOT SHOWN

ENGINE OIL FILTER

	DL-6725	FILTER ASSEMBLY	1
	DL-6724	TOP	1
	SP-6298	CARTRIDGE	1
	DL-6723	BRACKET, MOUNT	1
	C-1603	CAPSCREW - 3/8" NC x 1 1/4"	4
	C-312	LOCKWASHER - 3/8"	4
	C-1521	NUT - 3/8" NC	4
(EFFECTIVE WITH SERIAL SUFFIX CPF6-H & CPA6)			

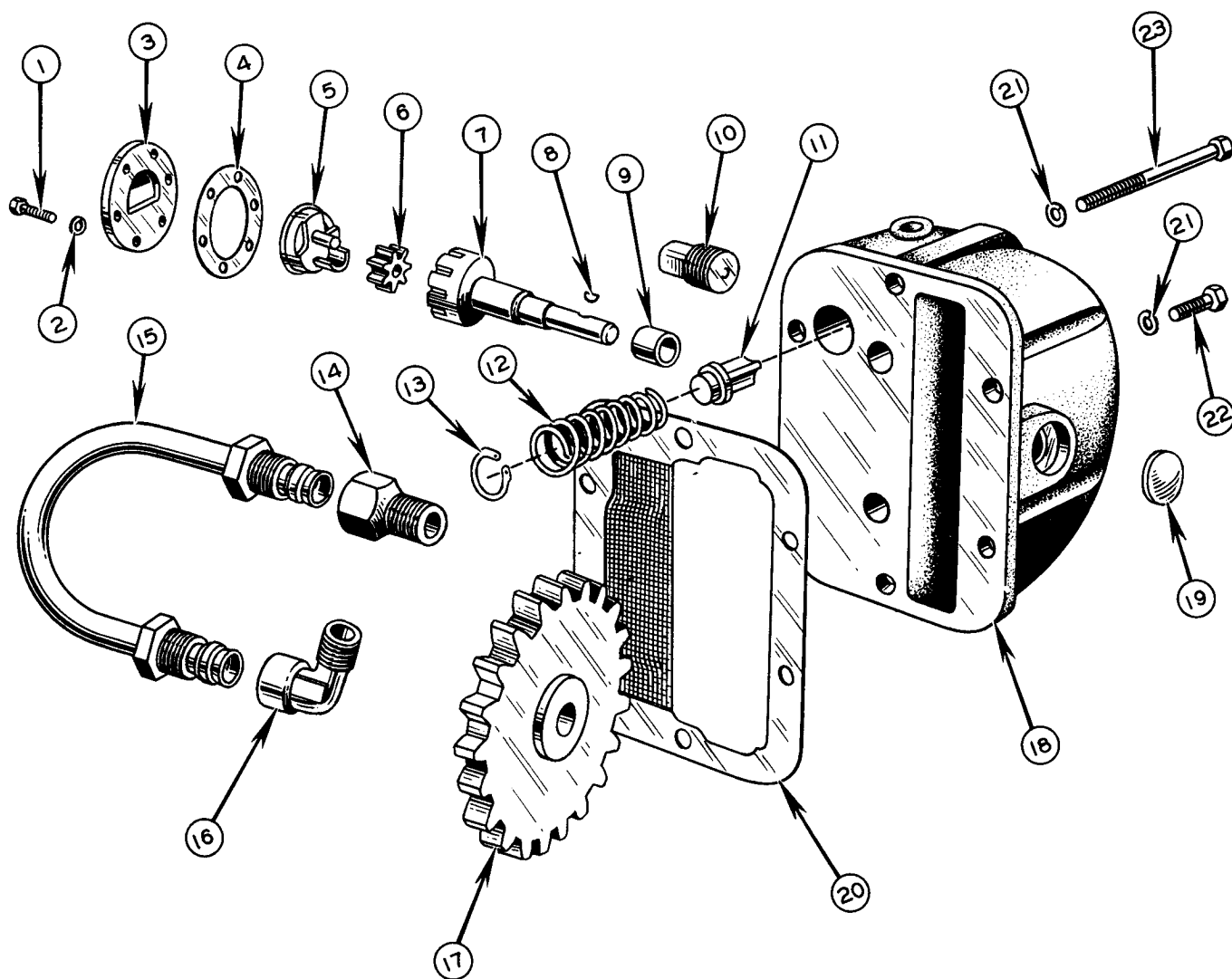


FIG. 1168

TRANSMISSION OIL PUMP

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1168

TRANSMISSION OIL PUMP TG-7586 *
TV-6223 **

Ref. No.	Part No.	Description	Qty.
1	C-5746	CAPSCREW	6
2	C-5774	LOCKWASHER	6
3	TG-1458	HEAD	1
4	TF-48	GASKET	1
5	TF-43	REVERSING HEAD & PIVOT PIN ASSEMBLY	1
6	TF-47	IDLER	1
7	TF-45	ROTOR	1
8	TF-51	KEY	1
9	TF-46	SPACER	1
10	TF-9	PIPE PLUG	1
11	TG-4648	POPPET VALVE	1
12	TG-4646	SPRING	1
13	TG-4647	RETAINER	1
14	TG-5950	CONNECTOR *	1
15	TH-1602	TUBE ASSEMBLY *	1
16	TG-4649	STREET ELL *	1
17	TF-7014	DRIVE GEAR	1
18	TG-4645	HOUSING *	1
	TV-2993	HOUSING **	1
	TF-41	BUSHING, MAIN	1
	TF-42	BUSHING, OUTBOARD	1
19	SH-519	PLUG	1
20	TG-5952	SCREEN & GASKET	1
21	C-312	LOCKWASHER	6
22	TF-1964	CAPSCREW - 3/8" NC x 1 1/4"	2
23	SD-5157	CAPSCREW - 3/8" NC x 3 1/4"	4

} Not Included in Assembly

* INCLUDED IN TRANSMISSION ASSEMBLIES TG-5481 & TL-1620.

** INCLUDED IN TRANSMISSION ASSEMBLY TR-9132.

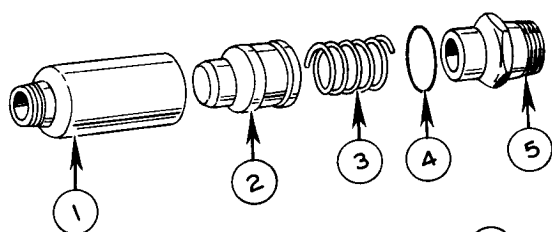


FIG. 2040 A
RELIEF VALVE

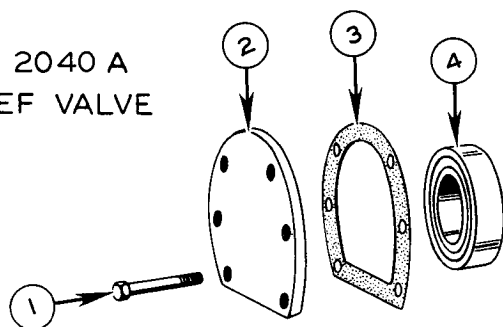


FIG. 2040 B
TRANSMISSION PUMP ADAPTOR

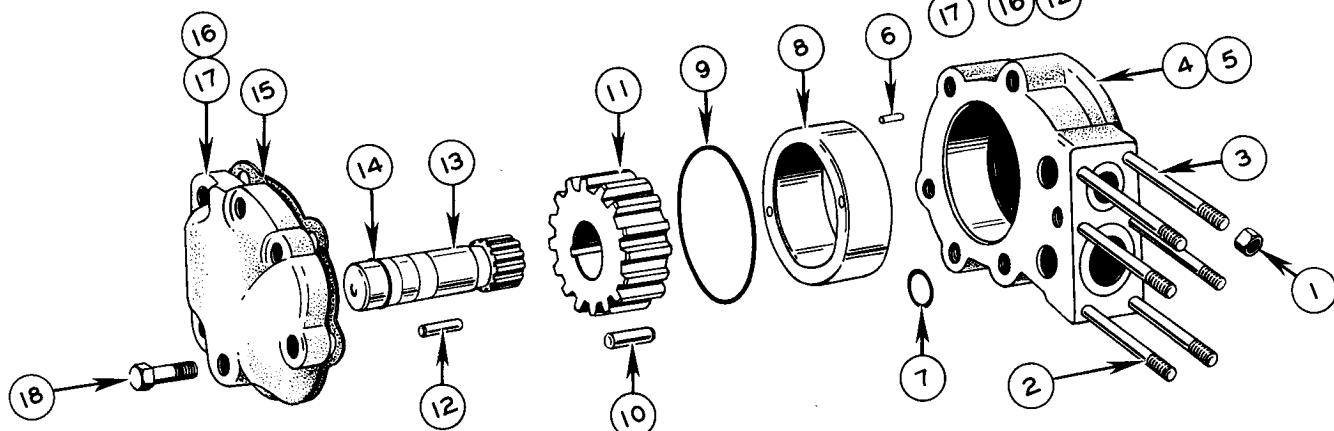
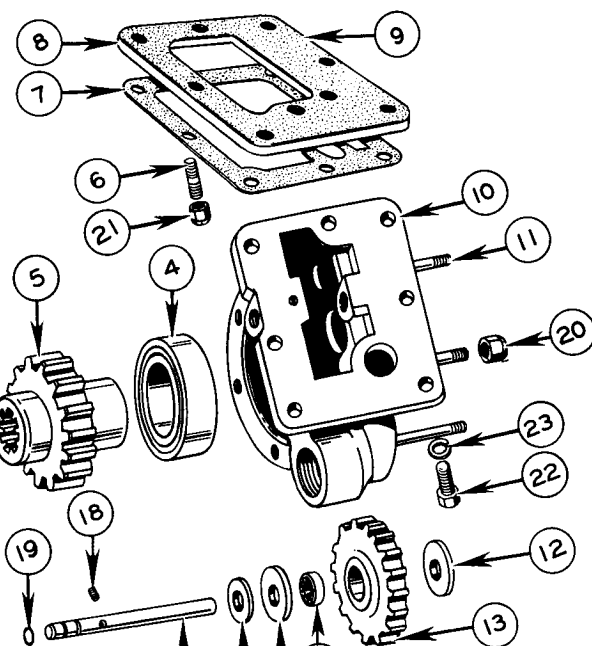


FIG. 2040 C
TRANSMISSION PUMP

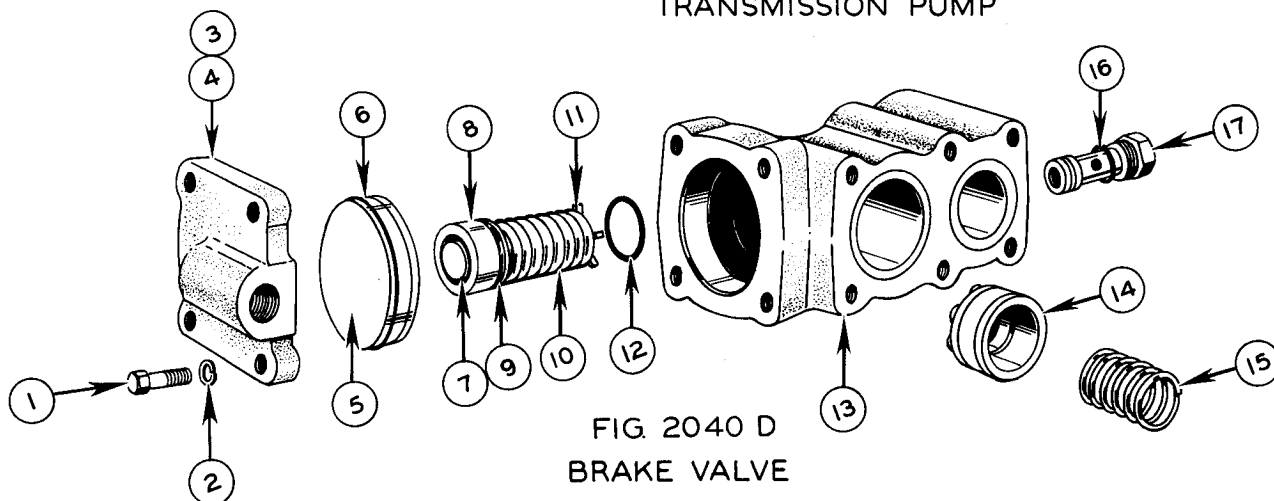


FIG. 2040 D
BRAKE VALVE

FIGURE 2040A

VALVE - BY - PASS - VC-1362

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1		Body (Not Serviced Separately) ...	1	4	TV-8232	"O" Ring	1
2	TV-6209	Poppet	1	5	TV-8231	Adaptor, Outlet	2
3	TV-8230	Spring	1				
Included in VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 Trans. Assys.							

FIGURE 2040B

ADAPTOR - TRANSMISSION PUMP VD-3521

1	VC-2599	Screw, Cap-3/8"-16nc x 7/8" ...	6	12	VC-2594	Spacer	2
2	VC-2592	Cover	1	13	VC-5235	Gear, Idler	1
3	VC-2593	Gasket	1	14	VC-9648	Bearing, Roller	1
4	VC-5245	Bearing, Ball	2	16	VC-2597	Spacer	1
5	VC-5236	Gear, Drive	1	17	VC-2588	Shaft, Idler	1
6	VD-83	Stud, Adaptor Plate	3	18	VC-216	Screw, Set	1
	VD-84	Stud, Adaptor Plate	3	19	VC-2589	"O" Ring	1
7	VC-2595	Gasket, Adaptor Plate	1	20	VC-2598	Nut-7/16"-20nf	5
8	VC-5409	Plate, Adaptor	1	21	VD-86	Nut-3/8"-24nf	3
9	VC-208	Gasket	1	22	TF-1963	Screw, Cap-3/8"-16nc x 1 1/2"...	6
10	VD-7038	Housing, Pump Adaptor	1	23	C-312	Washer, Lock-3/8"	6
11	VC-2587	Stud-5 1/4"	2			Not Shown	
	VC-2586	Stud-4 5/8"	3		VC-2585	Gasket, Pump	1
Included in VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 Trans. Assys.							

FIGURE 2040C

PUMP & STUD ASSY. - TRANSMISSION VC-219

1	TG-8622	Nut, Elastic Stop-3/8"-24nf ...	6	10	VC-5440	Roller **	12
2	VC-5246	Stud	2	11	VC-5439	Carrier **	1
3	VC-5247	Stud	4	12	VC-6950	Pin, Drive	1
	TV-47	Pump Assembly	1	13	VC-5442	Shaft	1
4		Body ***	1	14	VC-5444	Ring, Snap	1
5		Bushing, Shaft ***	1	15	VC-5447	Shim	1
6	VC-5443	Pin, Dowel	1	16	VC-5441	Cover	1
7	VC-5448	"O" Ring *	1	17		Bushing, Cover ***	1
8	VC-5438	Cam **	1	18	VC-6951	Screw, Cap-7/16"-14nc x 1 3/8"	2
9	VC-5449	"O" Ring *	2				
* Included in VC-8811 "O" Ring Kit. ** Included in VC-8810 Pump Kit. *** Not Serviced Separately.							

FIGURE 2040D

VALVE ASSEMBLY - BRAKE VG-5526

1	C-1598	Screw, Cap-5/16"-18nc x 1" ...	4	11		Piston ***	1
2	C-1538	Washer, Lock-5/16"	4	12	VD-1064	"O" Ring	1
3	VD-3518	Cover	1	13	VD-3525	Body	1
4	VC-5402	"O" Ring	1	14	TV-6209	Poppet, Oil By-Pass	1
5	VG-5527	Piston	1	15	TV-6212	Spring	1
6	VC-5403	"O" Ring	1	16	VC-5401	"O" Ring	1
	TV-8224	Piston Assembly	1	17	VG-5528	Body Insert, Valve	1
7		Ring, Retainer ***	1			Not Shown	
8		Sleeve, Spring Retainer ***...	1				
9	VC-5404	"O" Ring	1		VC-218	Gasket (Pressure)	1
10		Spring ***	1		VC-221	Gasket (Suction)	1
*** Not Serviced Separately.							
Included in VC-1366, VC-5329, VD-4849, VF-3213, VG-4770 & VG-7287 Trans. Assys.							

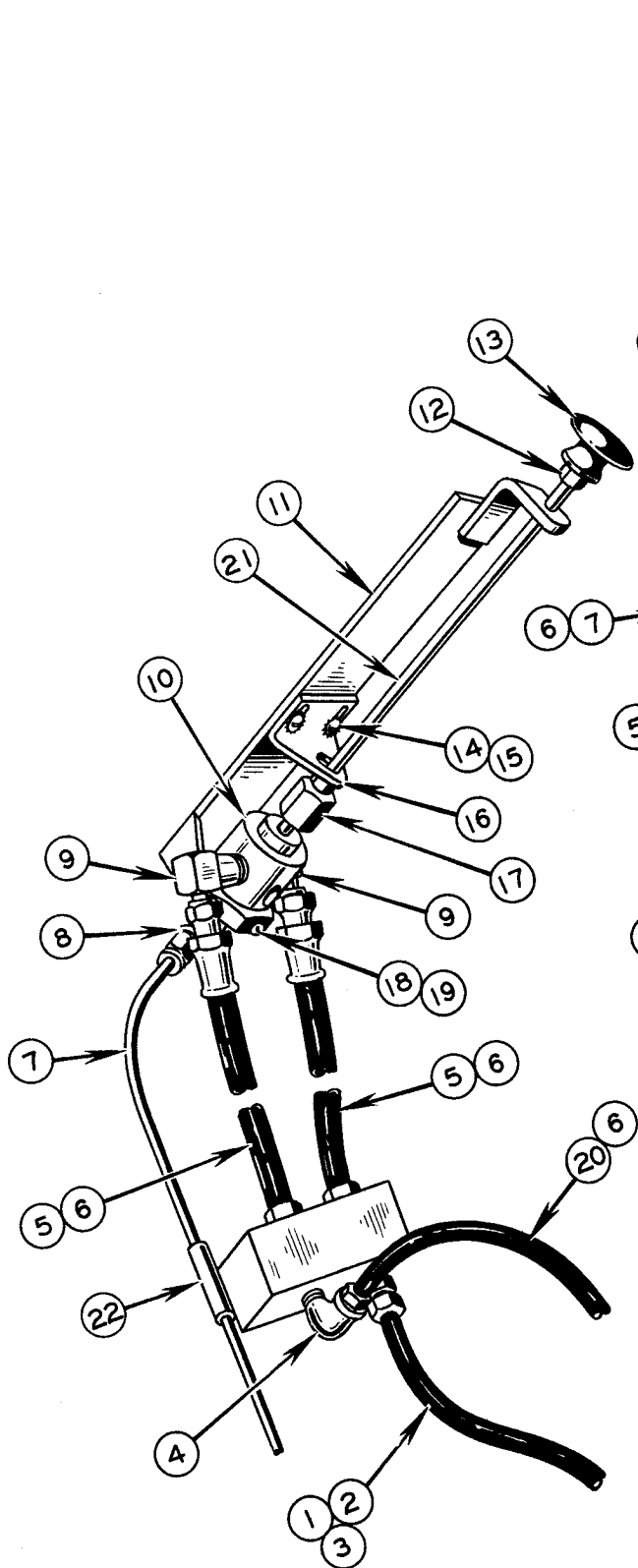


FIG. 1392 A

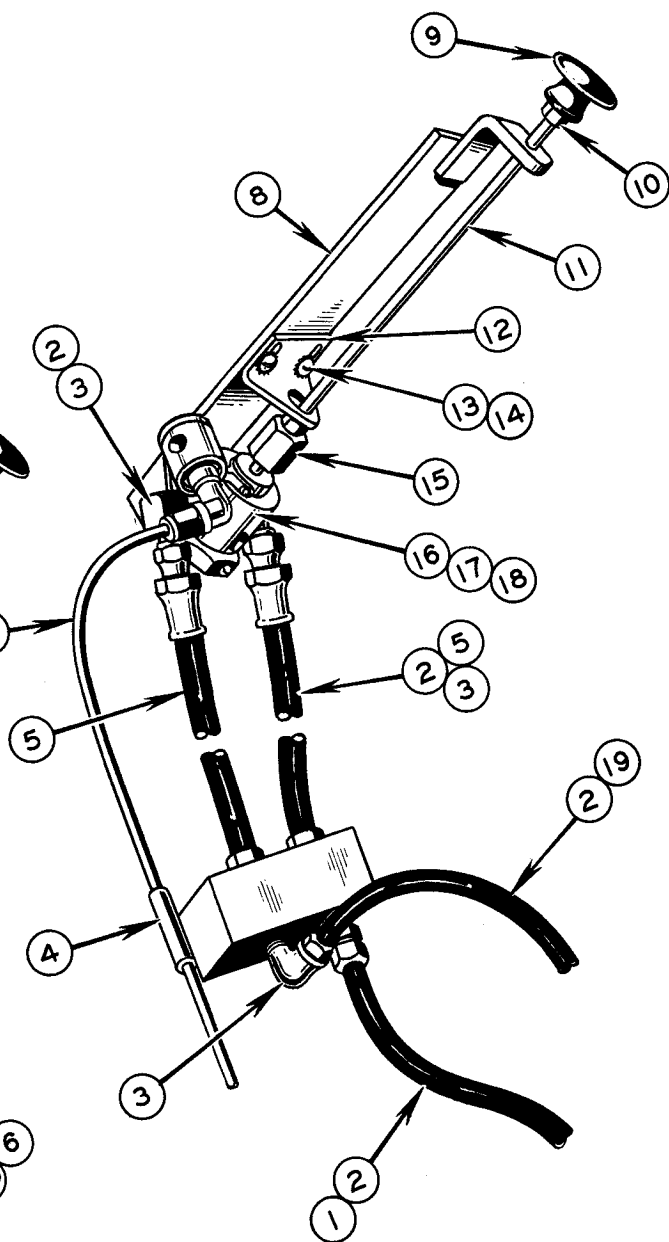


FIG. 1392 B

TRANSMISSION PRE-SELECT VALVE & PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1392A

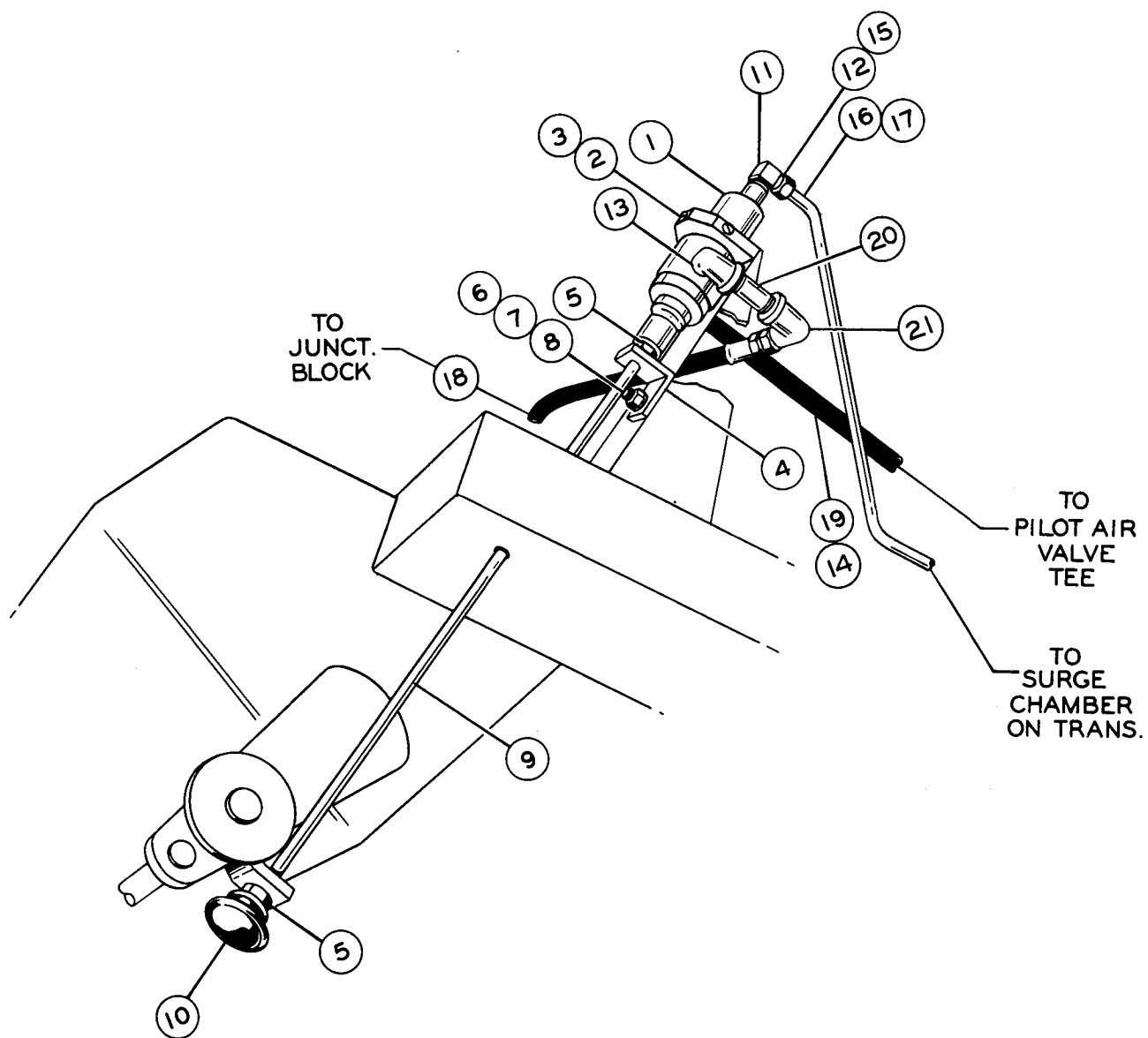
TRANSMISSION PRE-SELECT VALVE & PIPING

Ref. No.	Part No.	Description	Qty.
1	TF-4450	HOSE - 1/4" x 60" (Effective with Serial Suffix CPF6-A only)	1
	TF-4251	HOSE - 3/8" x 60" (Effective with Serial Suffix CPF6-B & up)	1
2	TG-3397	ADAPTOR (Effective with Serial Suffix CPF6-B & up)	1
3	TD-9719	ADAPTOR (Effective with Serial Suffix CPF6-A only)	1
	TD-9720	ADAPTOR (Effective with Serial Suffix CPF6-B & up)	1
4	S-2916	STREET ELL - 1/4" x 90° (Effective thru Serial Suffix CPF6-C)	1
	H-8549	ELBOW (Effective with Serial Suffix CPF6-D)	2
5	TF-4124	HOSE - 1/4" x 20"	2
6	TD-9719	ADAPTOR	3
7	TF-5112	TUBE ASSEMBLY - 3/16" x 78"	1
8	C-9806	ELBOW	2
9	S-2916	STREET ELL - 1/4" x 90°	2
10	TL-8760	PRE-SELECT VALVE	1
11	TH-1416	BRACKET	1
12	SF-9144	JAM NUT	2
13	SV-2738	KNOB	1
14	H-2969	SCREW - #12-24 NC	2
15	R-8870	LOCKWASHER - #12	2
16	TF-609	ANGLE	1
17	TF-603	SLEEVE	1
18	SC-4506	SCREW	3
19	R-2641	LOCKWASHER - #6	3
20	TF-4120	HOSE - 1/4" x 16" (Effective Thru Serial Suffix CPF6-C)	1
	DL-5919	TUBE ASSEMBLY - (Effective with Serial Suffix CPF6-D)	1
21	TH-1418	PUSH ROD	1
22	TD-9144	SLEEVE	1
(EFFECTIVE WITH SERIAL SUFFIX CPF6-A THRU CPF6-N)			.

FIGURE 1392B

TRANSMISSION PRE-SELECT VALVE & PIPING

1	TF-4450	HOSE - 1/4" x 60"	1
2	TD-9719	ADAPTOR	4
3	S-2916	STREET ELL - 1/4" x 90°	3
4	TD-9144	SLEEVE	1
5	TF-4124	HOSE - 1/4" x 20"	2
6	TF-5112	TUBE ASSEMBLY - 3/16" x 78"	1
7	C-9806	ELBOW	2
8	DL-3127	BRACKET	1
9	SV-2738	KNOB	1
10	SF-9144	JAM NUT - 1/4" - 20 NC	2
11	TF-602	PUSH ROD	1
12	TF-609	ANGLE	1
13	H-2969	SCREW - #12-24 NC	2
14	R-8870	LOCKWASHER - #12	2
15	TF-603	SLEEVE	1
16		PRE-SELECT VALVE	1
17	SC-4506	SCREW - #6-32 NC	3
18	R-2641	LOCKWASHER - #6	3
19	TF-4120	HOSE ASSEMBLY - 1/4" x 16"	1
(EFFECTIVE WITH SERIAL SUFFIX CPF6 ONLY)			.



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2398

TRANSMISSION PRE-SELECT VALVE & PIPING

Ref. No.	Part No.	Description	Qty.
1	TL-8760	VALVE, PRE-SELECT	1
2	SC-4506	SCREW, MACHINE - #6	3
3	R-2641	LOCKWASHER - #6	3
4	VD-9810	GUIDE	1
5	SF-9144	NUT, JAM - 1/4" - 20NC	2
6	C-5746	CAPSCREW - 1/4" - 20NC x 3/4"	2
7	C-5774	LOCKWASHER - 1/4"	2
8	C-5780	NUT - 1/4" - 20NC	2
9	VD-9809	ROD, PUSH	1
10	SV-2738	KNOB	1
11	TV-3609	ELBOW - #269	1
12	TV-3607	SLEEVE - #260	1
13	S-2916	ELL, STREET - 1/4" NPT	2
14	TD-9719	ADAPTOR - 1/4" NPT x 1/2" NF	2
15	TV-3606	NUT - #261	1
16	VD-9812	TUBE	1
17	VF-6213	TUBE, PROTECTIVE	1
18	TF-4157	HOSE ASSEMBLY - 1/4" x 78"	1
19	TF-4124	HOSE ASSEMBLY - 1/4" x 24"	1
20	DC-2361	NIPPLE - 1/4"NPT x 2"	1
21	TD-9737	ADAPTOR - 90°	1
(EFFECTIVE WITH SERIAL SUFFIX CPF6-R)			

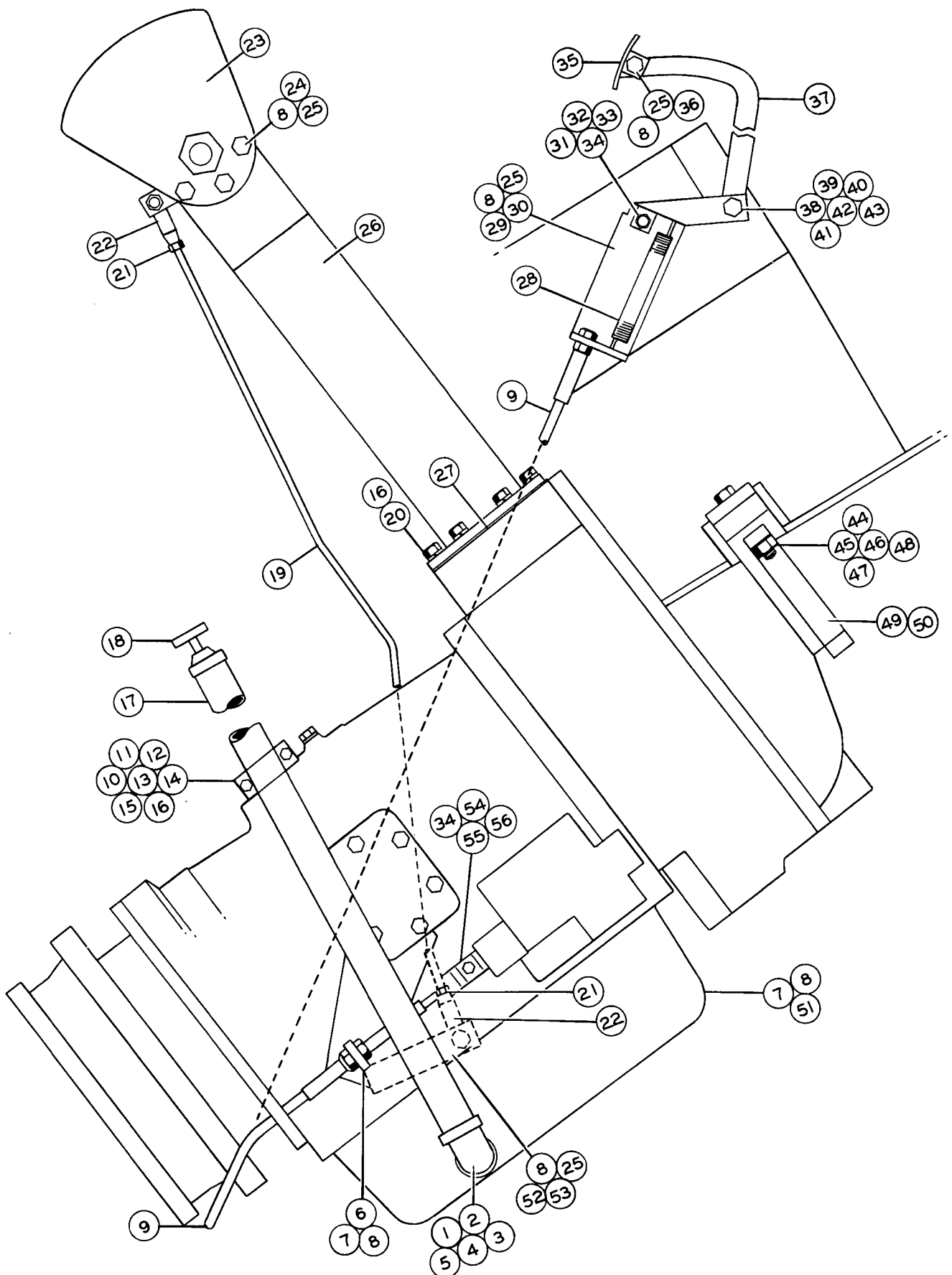


FIG. 2574

TRANSMISSION CONTROLS, MOUNTING & MISCELLANEOUS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2574

TRANSMISSION CONTROLS, MOUNTING & MISC.

Ref. No.	Part No.	Description	Qty.
1	VH-2514	PLATE, DIPSTICK MOUNT	1
2	VG-2814	GASKET	1
3	C-7568	SCREW, CAP - 5/16" - 24NF x 1"	2
4	C-1538	WASHER, LOCK - 5/16"	2
5	TC-2410	ELBOW, REDUCING - 1 1/4"NPT x 1"NPT x 90°	1
6	VF-7277	BRACKET, CABLE MOUNT	1
7	C-1603	SCREW, CAP - 3/8" - 16NC x 1 1/4"	23
8	C-312	WASHER, LOCK - 3/8"	31
9	VF-7276	CABLE, CONTROL	1
	VH-2520	BRACKET, CABLE MOUNT	1
10	DL-8420	BRACKET, CLAMP	1
11	SP-6234	CLAMP	1
12	C-1608	SCREW, CAP - 7/16" - 14NC x 1"	2
13	C-7588	SCREW, CAP - 1/4" - 20NC x 1"	2
14	C-1548	WASHER, FLAT - 7/16"	2
15	C-5774	WASHER, LOCK - 1/4"	2
16	C-5775	WASHER, LOCK - 7/16"	10
17	VH-2515	PIPE, FILL	1
18	VH-2516	DIPSTICK	1
19	VL-5738	ROD, SHIFT	1
20	H-594	SCREW, CAP - 7/16" - 14NC x 1 1/4"	8
21	TG-3941	NUT, JAM - 7/16" - 20NF	3
22	TL-3592	JOINT, BALL - 7/16" - 20NF	2
23	VH-2500	QUADRANT, SHIFT (See Index)	1
24	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	3
25	C-1521	NUT - 3/8" - 16NC	5
26	VH-2522	TOWER	1
27	VF-7283	GASKET	1
28	C-71	SPRING	1
29	TG-6391	BRACKET, HINGE	1
30	C-1602	SCREW, CAP - 3/8" - 16NC x 1"	4
31	VH-2525	CLEVIS	1
32	H-2164	PIN	1
33	C-1549	WASHER	2
34	D-4098	PIN, COTTER	4
35	HC-1424	PLATE, FOOT	1
36	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2"	1
37	TR-5583	ARM, PEDAL	1
38	VH-3036	SHAFT, PEDAL	1
39	TG-6392	BUSHING	2
40	TG-8903	SPACER	1
41	H-122	KEY, WOODRUFF	1
42	D-2771	NUT, CASTLE	1
43	E-4132	PIN, COTTER	1
44	VH-9114	SCREW, CAP	2
45	SD-1979	WASHER, FLAT - 5/8"	4
46	R-666	NUT, JAM - 5/8" - 11NC	2
47	C-1541	WASHER, LOCK - 5/8"	2
48	C-1525	NUT - 5/8" - 11NC	2
49	VG-6917	TRUNNION, TRANS. MOUNT	1
50	VH-2519	BUSHING	1
51		TRANSMISSION - ALLISON	1
52	VL-5737	LEVER, SHIFT	1
53	C-1606	SCREW, CAP - 3/8" - 16NC x 2"	1
54	VF-7281	CLEVIS	1
55	R-5587	PIN	1
56	C-1547	WASHER	2

(EFFECTIVE WITH SERIAL SUFFIX CPA6 THRU CPA6-A)

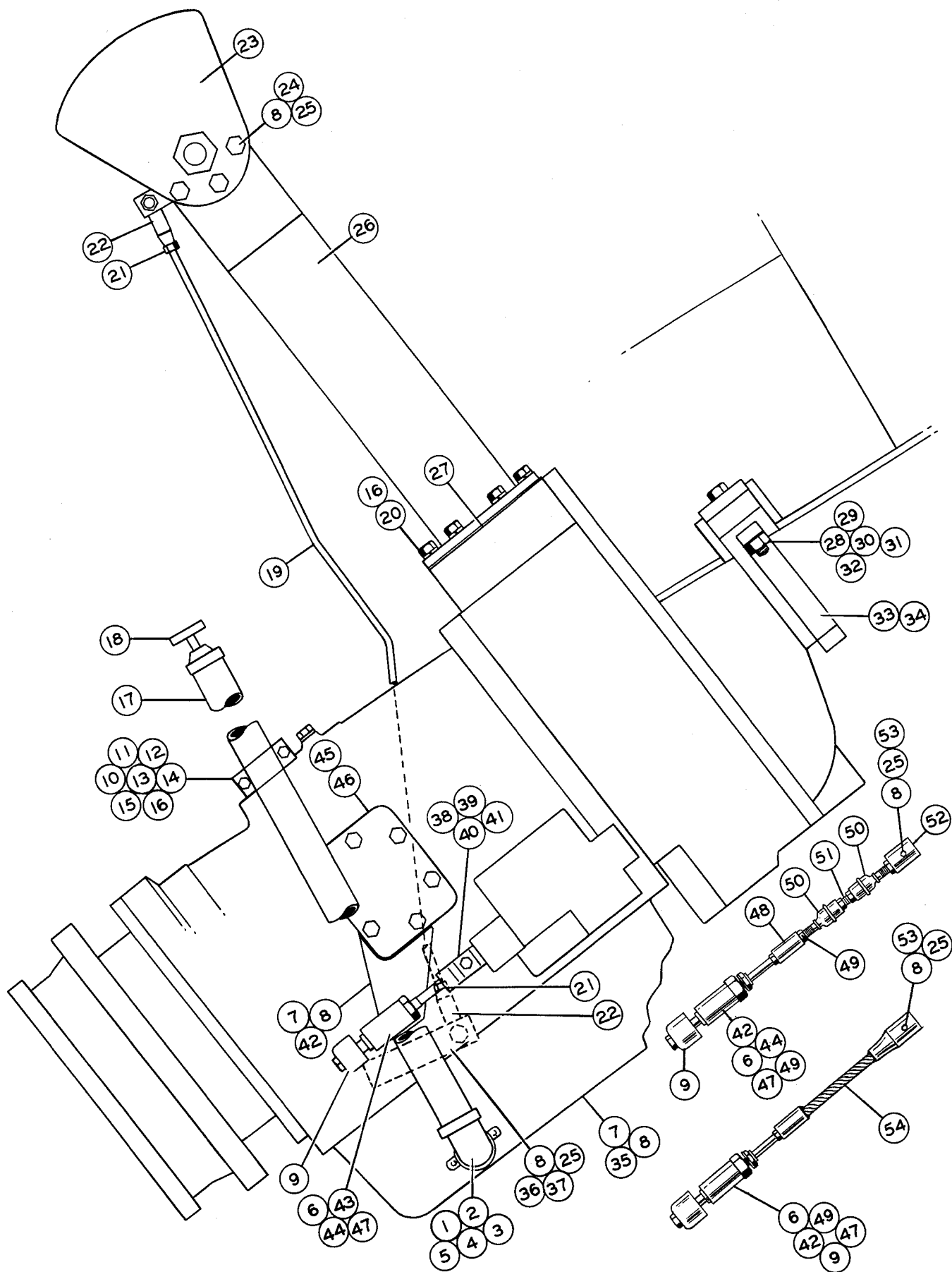


FIG. 3105

TRANSMISSION CONTROLS, MOUNTING & MISCELLANEOUS

FIGURE 3105 TRANSMISSION CONTROLS, MOUNTING & MISC.

Ref. No.	Part No.	Description	Qty.
1	VH-9138	PLATE, DIPSTICK MOUNT	1
2	VG-2814	GASKET	1
3	C-7568	SCREW, CAP - 5/16" - 24NF x 1"	2
4	C-1538	WASHER, LOCK - 5/16"	2
5	VH-3219	ELBOW, REDUCING - 1 1/4"NPT x 1"NPT x 90°	1
6	VM-7052	CYLINDER, AIR	1
7	C-1603	SCREW, CAP - 3/8" - 16NC x 1 1/4"	23
8	C-312	WASHER, LOCK - 3/8"	32
9	VH-9137	BREATHER	1
10	DL-8492	BRACKET, CLAMP	1
11	SP-6234	CLAMP	1
12	C-1608	SCREW, CAP - 7/16" - 14NC x 1"	2
13	C-7588	SCREW, CAP - 1/4" - 20NC x 1"	2
14	C-1548	WASHER, FLAT - 7/16"	2
15	C-5774	WASHER, LOCK - 1/4"	2
16	C-5775	WASHER, LOCK - 7/16"	10
17	VH-2515	PIPE, FILL	1
18	VH-2516	DIPSTICK	1
19	VL-5738	ROD, SHIFT	1
20	H-594	SCREW, CAP - 7/16" - 14NC x 1 1/4"	8
21	TG-3941	NUT, JAM - 7/16" - 20NF	3
22	TL-3592	JOINT, BALL - 7/16" - 20NF	2
23		QUADRANT, SHIFT (See Index)	1
24	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	3
25	C-1521	NUT - 3/8" - 16NC	6
26	VH-2522	TOWER	1
27	VF-7283	GASKET	1
28	VH-9114	SCREW, CAP	2
29	SD-1979	WASHER, FLAT - 5/8"	4
30	R-666	NUT, JAM - 5/8" - 11NC	2
31	C-1541	WASHER, LOCK - 5/8"	2
32	C-1525	NUT - 5/8" - 11NC	2
33	VG-6917	TRUNNION, TRANS. MOUNT	1
34	VH-2519	BUSHING	1
35		TRANSMISSION - ALLISON	1
36	VL-5737	LEVER, SHIFT	1
37	C-1606	SCREW, CAP - 3/8" - 16NC x 2"	1
38	VH-9134	CLEVIS *	1
39	R-5587	PIN *	1
40	C-1547	WASHER *	2
41	D-4098	PIN, COTTER *	2
42	VM-2935	BRACKET, AIR CYLINDER MOUNT *	1
43	VM-2584	BRACKET, AIR CYLINDER MOUNT **/#	1
44	D-2779	WASHER, LOCK - INT. TOOTH - 5/8"	1
45	VH-9136	PLATE, COVER	1
46	VH-8903	GASKET	1
47	SG-165	NUT, JAM - 5/16" - 18NC	1
48	VM-2587	COUPLING, THREADED **	1
49	R-6864	NUT, JAM - 5/16" - 18NC **	4
50	TL-9931	CONNECTOR, BALL JOINT **	2
51	VM-2586	SCREW, ADJUSTING **	1
52	VM-2585	YOKE **	1
53	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2" **/#	1
54	VL-3313	LINKAGE #	1

NOTE: * EFFECTIVE WITH SERIAL SUFFIX CPA6-B & E ONLY.
 ** EFFECTIVE WITH SERIAL SUFFIX CPA6-C & D ONLY.
 # EFFECTIVE WITH SERIAL SUFFIX CPA6-F & UP.
 (EFFECTIVE WITH SERIAL SUFFIX CPA6-F & UP)

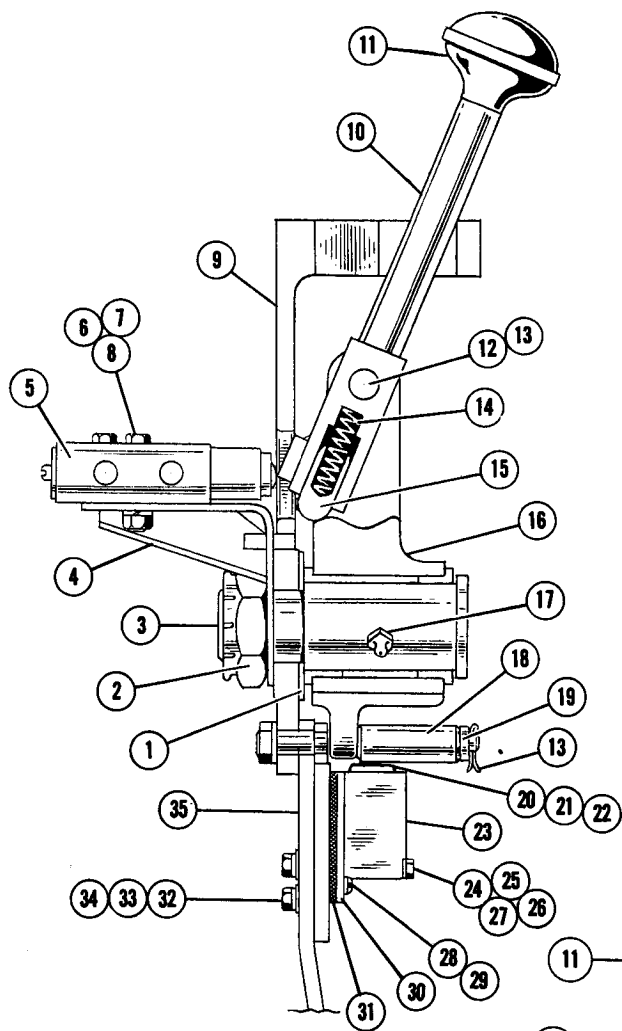


FIG. 3107 A

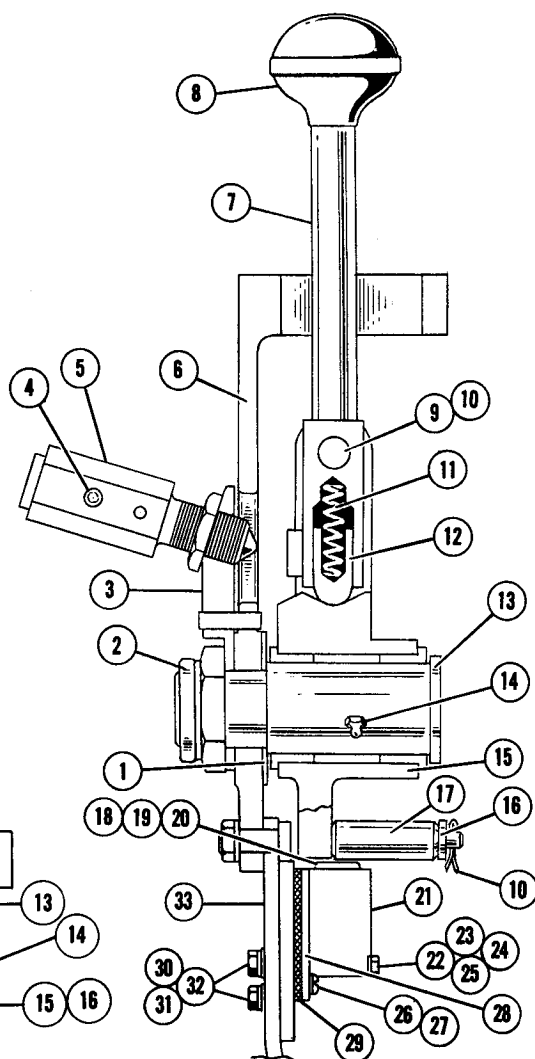


FIG. 3107 B

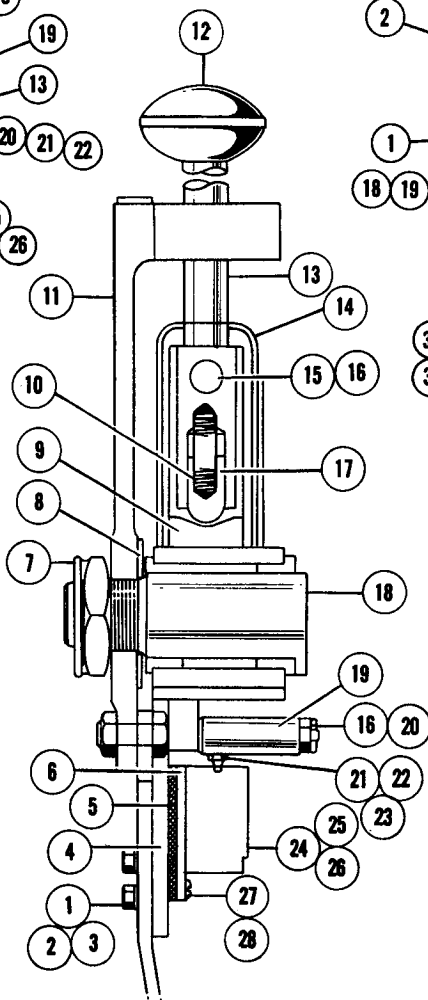


FIG. 3107 C

QUADRANT-SHIFTING

FIGURE 3107A

SHIFTING QUADRANT - VH-8949

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TL-6750	Washer	1	18	TH-7896	Roller	1
2	TC-4609	Nut, Lock	1	19	SF-5816	Washer, Flat-1/4"	1
3	TL-6751	Pin	1	20	TH-8655	Spring, Flat	1
4	VL-9862	Bracket	1	21	HD-8293	Screw, Self-Tapping	2
5	VL-9861	Valve, Cam (See Index)	1	22	SC-711	Washer, Lock	2
6	C-7589	Screw, Cap-1/4"-20nc x 1 1/2" ..	2	23	DF-5856	Switch	1
7	C-5774	Washer, Lock-1/4"	2	24	DH-321	Nut, Spacer	2
8	C-5780	Nut-1/4"-20nc	2	25	DD-2468	Nut-#6-32nc	2
9	VL-9864	Quadrant	1	26	DL-423	Screw, Flat Head	2
10	VL-9865	Lever, Shift	1	27	R-2641	Washer, Lock-#6	2
11	SH-2327	Ball	1	28	R-4949	Washer, Lock-#8	4
12	TG-6928	Pin	1	29	H-5466	Screw, Round Head	4
13	C-2303	Pin, Cotter	2	30	TH-7887	Plate	1
14	TG-9927	Spring	1	31	TH-7886	Strip, Insulation	1
15	TG-6137	Plunger	1	32	C-3145	Screw, Cap-1/4"-20nc x 5/8" ...	2
16	VL-9863	Lever, Lower Shift	1	33	C-1546	Washer, Flat-1/4"	2
17	C-315	Fitting, Grease	1	34	R-6262	Washer, Lock-1/4"	2
				35	VH-2529	Plate, Mount	1
Note: Reference Numbers 20 Thru 35 Not Included in VH-8949 Quadrant Assembly. (Effective With Serial Suffix CPA6-C Thru CPA6-F Except CPA6-E)							

FIGURE 3107B

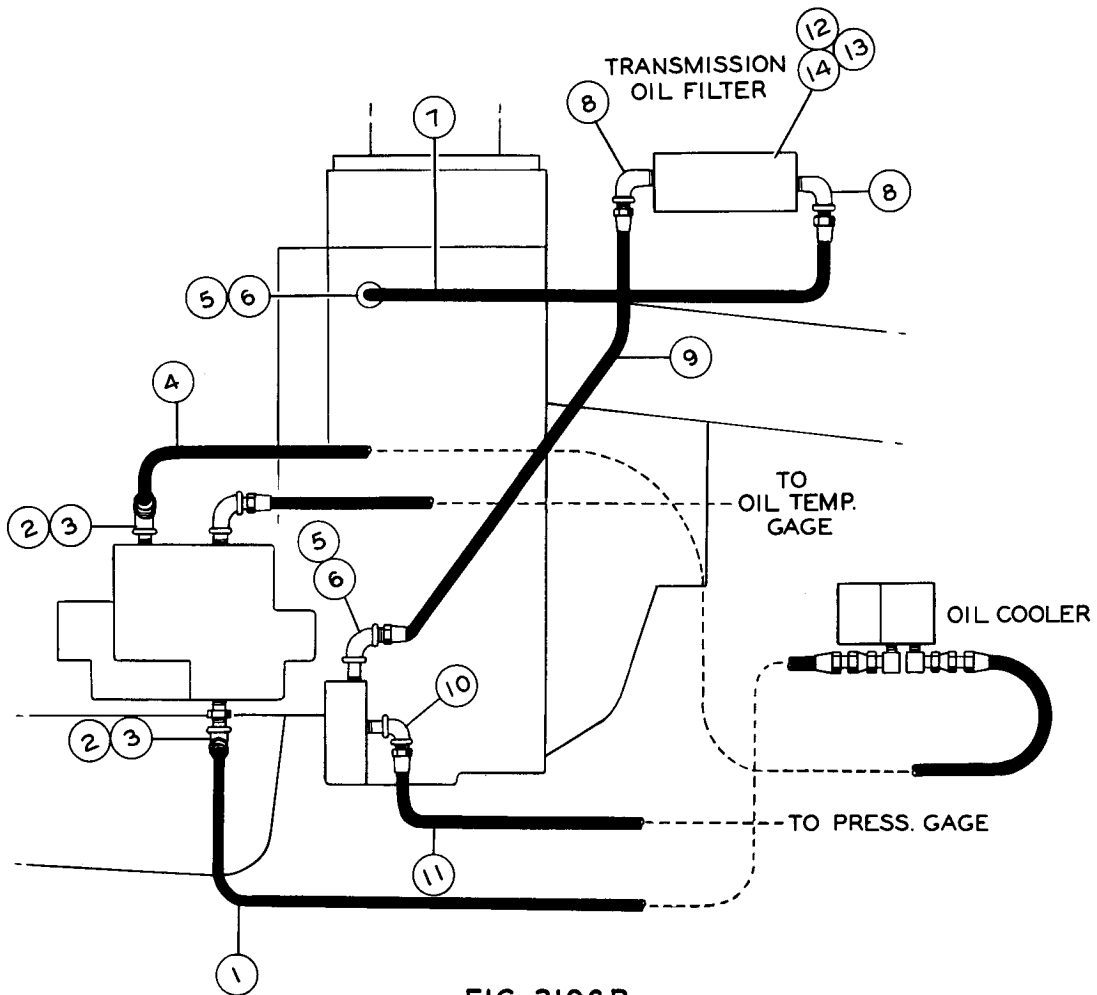
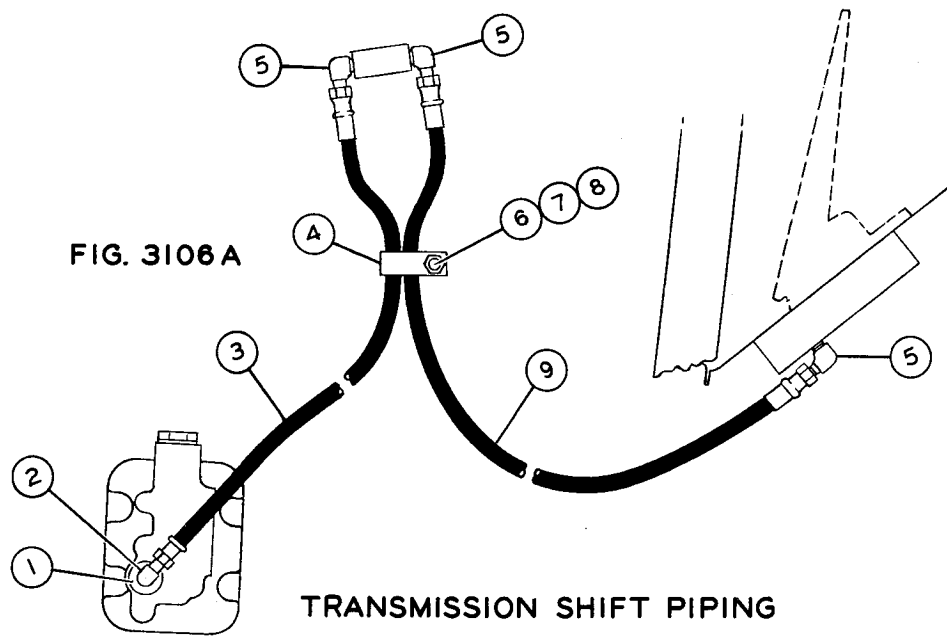
SHIFTING QUADRANT - VN-8858

1	TL-6750	Washer	1	17	TH-7896	Roller	1
2	TC-4609	Nut, Lock	1	18	TH-8655	Spring, Flat	1
3	VN-8854	Bracket	1	19	HD-8293	Screw, Self-Tapping	2
4	HD-6331	Plug, Countersunk Pipe-1/8"npt...	1	20	SC-711	Washer, Lock	2
5	VN-8389	Valve (See Index)	1	21	DF-5856	Switch	1
6	VL-9864	Quadrant	1	22	DH-321	Nut, Spacer	2
7	VL-9865	Lever, Shifting	1	23	DD-2468	Nut, #6-32nc	2
8	SH-2327	Ball	1	24	DC-423	Screw, Flat Head	2
9	TG-6928	Pin	1	25	R-2641	Washer, Lock-#6	2
10	C-2303	Pin, Cotter	3	26	H-5466	Screw, Round Head	4
11	TG-9927	Spring	1	27	R-4949	Washer, Lock-#8	4
12	TG-6137	Plunger	1	28	TH-7887	Plate, Mount	1
13	TL-6751	Pin	1	29	TH-7886	Strip, Insulation	1
14	C-315	Fitting, Grease	1	30	C-3145	Screw, Cap-1/4"-20nc x 5/8" ...	2
15	VL-9863	Lever, Lower Shifting	1	31	C-1546	Washer, Flat-1/4"	2
16	SF-5816	Washer, Flat	1	32	R-6262	Washer, Lock-1/4"	2
				33	VH-2529	Plate	1
Note: Reference Numbers 18 Thru 33 Not Included in VN-8857 Quadrant Assembly. (Effective With Serial Suffix CPA6-G)							

FIGURE 3107C

SHIFTING QUADRANT - VH-2500

1	C-3145	Screw, Cap-1/4"-20nc x 5/8" ...	2	15	TG-6928	Pin	1
2	C-1546	Washer, Flat-1/4"	2	16	C-2303	Pin, Cotter	3
3	R-6262	Washer, Lock-1/4"	2	17	TG-6137	Pin, Shift Lever	1
4	VH-2529	Plate, Roller Mount	1	18	TL-6751	Pin	1
5	TH-7886	Strip, Insulation	1	19	TH-7896	Roller	1
6	TH-7887	Plate, Switch Mount	1	20	SF-5816	Washer	1
7	TC-4609	Nut, Lock	1	21	TH-8655	Spring	1
8	TL-6750	Washer	1	22	HD-8293	Screw, Self-Tapping	2
9	TH-7897	Mount, Shift Lever	1	23	SC-711	Washer, Lock	2
10	TG-9927	Spring	1	24	DF-5856	Switch	1
11	VH-2527	Quadrant	1	25	DL-423	Screw, Flat Head	2
12	SH-2327	Ball, Lever	1	26	DH-321	Nut-#8-32nc	2
13	TG-6138	Lever, Shift	1	27	H-5466	Screw, Round Head	4
14	VH-5379	Boot	1	28	R-4949	Washer, Lock-#8	4
(Effective With Serial Suffix CPA6 Thru CPF6-B & With CPF6-E Only)							



PIPING-ALLISON TRANSMISSION

FIGURE 3106A

TRANSMISSION SHIFT PIPING

Ref. No.	Part No.	Description	Qty.
1	VL-9866	CYLINDER, AIR	1
2	TD-9746	ADAPTOR - 90°	1
3	VM-4145	HOSE ASSEMBLY (QUADRANT TO TRANSMISSION)	1
4	TR-9441	CLIP	1
5	TD-9747	ADAPTOR - 90°	3
6	TC-1231	WASHER, LOCK - 3/8" - CADMIUM PLATED	1
7	TC-1232	WASHER, FLAT - 3/8" - CADMIUM PLATED	1
8	TC-1233	NUT - 3/8"-16NC - CADMIUM PLATED	1
9	VM-4153	HOSE ASSEMBLY (TREADLE VALVE TO QUADRANT)	1
(EFFECTIVE WITH SERIAL SUFFIX CPA6-C EXCEPT CPA6-E)			

FIGURE 3106B

PIPING - ALLISON TRANSMISSION OIL

1	VH-2534	HOSE ASSEMBLY (TRANSMISSION TO ENGINE OIL COOLER)	1
2	VF-7265	ELBOW - 90°	2
3	TC-9898	"O" RING	2
4	VH-2533	HOSE ASSEMBLY (FROM OIL COOLER TO TRANSMISSION)	1
5	VF-7264	ELBOW - 90°	2
6	TC-9899	"O" RING	2
7	VH-2531	HOSE ASSEMBLY (TRANSMISSION TO TRANSMISSION OIL FILTER)	1
8	TC-8486	ELBOW - 3/4"NPT x 1 5/16" JIC x 90°	2
9	VH-2532	HOSE ASSEMBLY (TRANSMISSION OIL FILTER TO TRANSMISSION)	1
10	TD-9746	ELBOW - 1/2"NPT x 1/8"JIC x 90°	1
11	TF-4155	HOSE ASSEMBLY - 1/4" x 72" (TRANSMISSION TO OIL PRESSURE GAGE)..	1
12	TL-6698	FILTER	1
	SP-6298	ELEMENT	1
13	C-312	WASHER, LOCK - 3/8"	4
14	C-1603	SCREW, CAP - 3/8" - 16NC x 1 1/4"	4
15	VH-3039	ADAPTOR	2
16	TD-1703	ELL, STREET	2
(EFFECTIVE WITH SERIAL SUFFIX CPA6)			

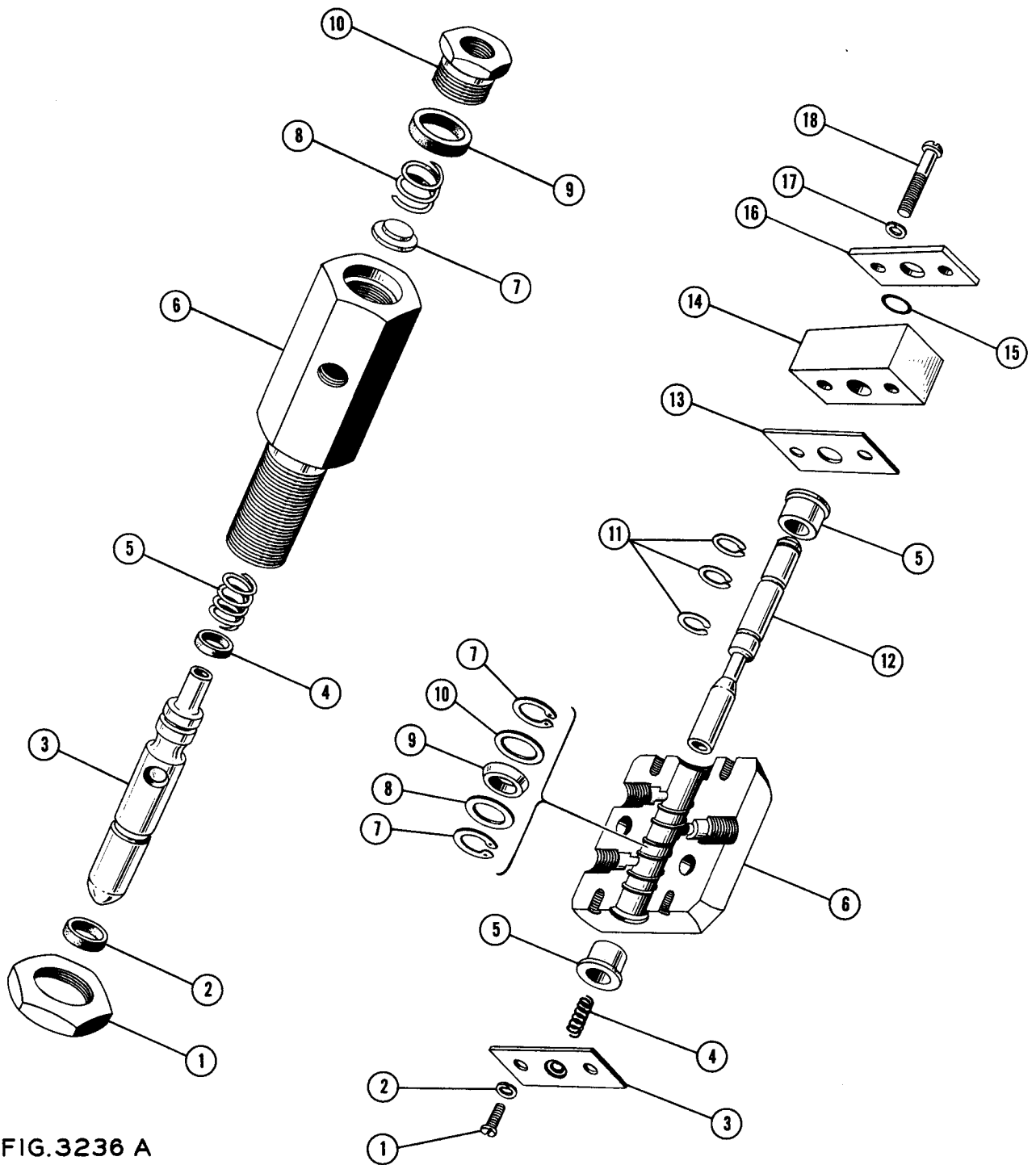


FIG.3236 A

FIG. 3236 B

VALVE-TRANSMISSION SHIFT CONTROL

FIGURE 3236A TRANSMISSION SHIFT CONTROL VALVE - VN-8389

Ref. No.	Part No.	Description	Qty.
1	**	NUT	1
2	VS-303	"O" RING	1
3	**	PLUNGER	1
4	SR-1585	"O" RING	1
5	TF-9822	SPRING, PLUNGER RETURN	1
6	**	BODY	1
7	**	VALVE	1
8	TF-9827	SPRING, VALVE	1
9	TF-9829	RING, SEAL	1
10	**	NUT, CAP	1
NOTE: ** NOT SERVICED SEPERATELY. (EFFECTIVE WITH SERIAL SUFFIX CPA6-G)			

FIGURE 3236B TRANSMISSION SHIFT CONTROL VALVE - VL-9861

1	VS-285	SCREW	2
2	VS-286	WASHER, LOCK	2
3	VS-287	PLATE, BACK	1
4	VS-288	SPRING	1
5	VS-289	BUSHING	2
6	**	BODY	1
7	VS-290	RING, SNAP	6
8	VS-291	RING, BACK - UP	3
9	VS-292	PACKING	3
10	VS-293	SPACER	3
11	VS-294	RING, CRESCENT	3
12	VS-278	PLUNGER	1
13	VS-295	PLATE, FRONT	1
14		BLOCK	1
15	TG-508	"O" RING	1
16	VM-3423	PLATE	1
17	DC-3101	WASHER, LOCK	2
18	VM-3425	SCREW, MACHINE	2
(EFFECTIVE THRU SERIAL SUFFIX CPA6-F)			

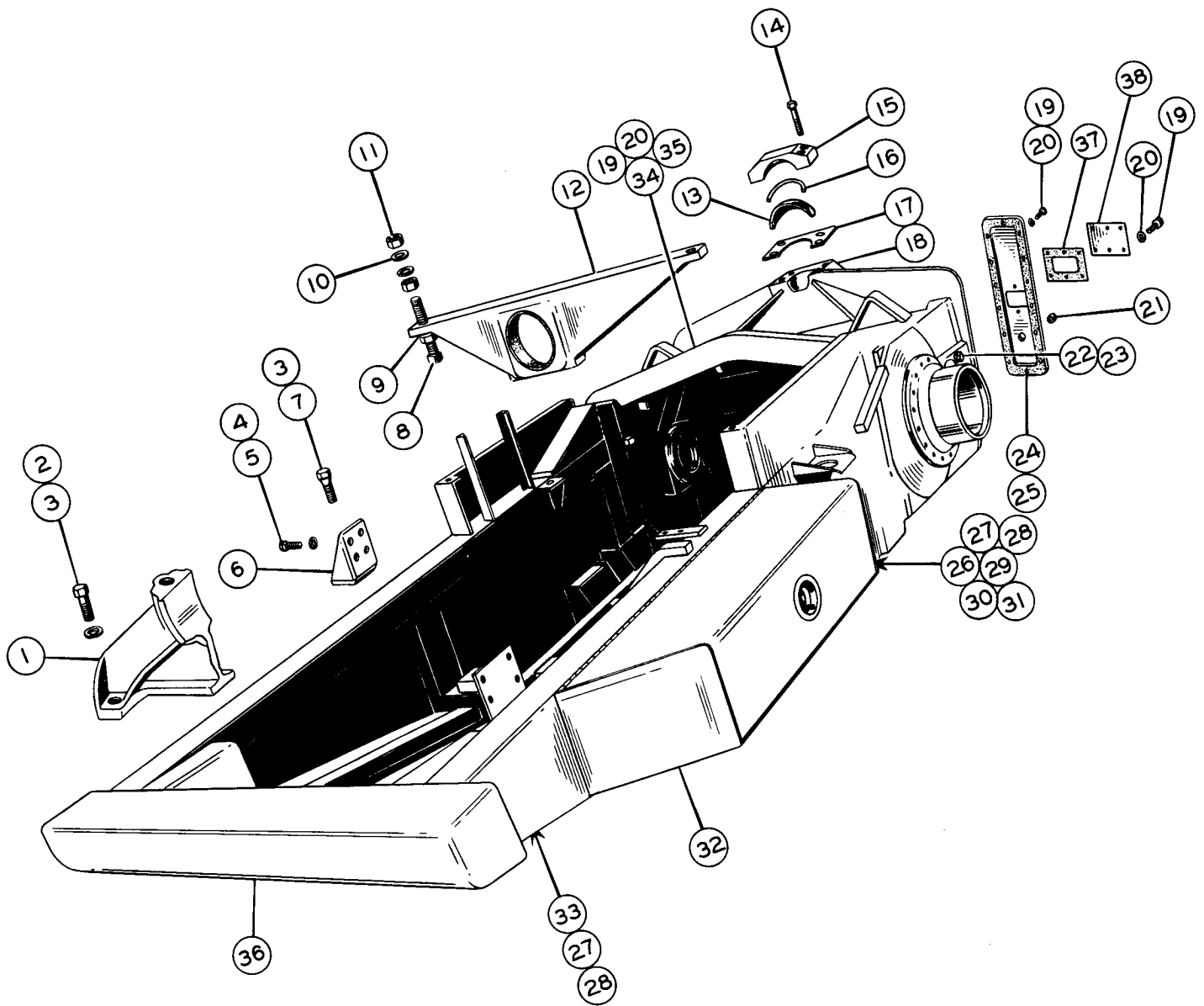


FIG. 2346

MAIN CASE

FIGURE 2346

MAIN CASE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1		Mount, Engine-Front (Comes with Engine)	1	25	VD-4837	Cover ##	2
2	C-1647	Screw, Cap-3/4"-10nc x 1 3/4" ...	2	26	DD-6444	Gasket	2
3	C-1542	Washer, Lock-3/4"	4		TG-4835	Plate, Bottom-Rear *	1
4	C-1615	Screw, Cap-1/2"-13nc x 1 3/4" π ..	8		DL-7480	Plate, Bottom-Rear **	1
	C-1629	Screw, Cap-5/8"-11nc x 1 3/4" ...	8	27	VH-3042	Plate, Bottom-Rear ###	1
	C-1640	Screw, Cap-5/8"-11nc x 4 1/4" ππ ..	4	28	C-7595	Screw, Cap-5/8"-11nc x 1 1/4" ..	8
5	C-1540	Washer, Lock-1/2" π	8	29	C-1541	Washer, Lock-5/8"	8
	C-1541	Washer, Lock-5/8" πππ	8	30	TD-3818	Screw, Cap-Special	1
6	DL-3823	Mount, Engine-Rear π	2	31	TD-3817	Nut	1
	TG-6372	Mount, Engine-Rear ππ	2	32	D-1782	Pin, Cotter-3/16" x 2"	1
	TH-6255	Mount, Engine-Rear %	2		DL-2989	Box, Battery *	1
7	TD-7882	Screw, Cap-3/4"-10nc x 1 3/4" %% ..	2	33	DL-7477	Box, Battery **	1
	E-4477	Screw, Cap-3/4"-10nc ç	2		TG-4849	Plate, Bottom-Front	1
	TL-1530	Screw, Cap-3/4"-10nc çç	2		VH-7620	Plate, Bottom-Front (Effective with Serial Suffix CPA6 Only) ..	1
8	R-6394	Screw, Set-1"-8nc ççç	2	34	DD-5163	Cover	2
	TH-7758	Screw, Set-Special @	2	35	DD-5172	Gasket	2
	DL-6927	Screw, Cap-5/8"nf x 3 1/2" *** ..	2	36		Case, Main (Contact Factory) ..	1
9	C-1544	Washer, Lock-1" ççç	2	37	VD-4838	Gasket ##	2
	C-1541	Washer, Lock-5/8"	2	38	VD-4839	Plate, Inspection ##	2
10	TG-7981	Washer, Flat ççç	4			Not Shown	
	SD-1979	Washer, Flat ççç	4		D-6488	Cap, Breather #	1
11	C-5785	Nut-1"-8nc-Jam ççç	6		D-5832	Cap, Breather ##	1
	C-9771	Nut-5/8"nf ***	4		SF-7926	Lockbolt-Axle Bearing Race ..	2
12	TG-8932	Mount, Transmission ççç	1		R-2491	Plug, Drain-1" Magnetic ..	1
	DL-5579	Mount, Transmission ***	1		DL-3847	Baffle	1
	TG-7982	Bushing	1		C-1601	Screw, Cap-3/8"-16nc x 3/4" ..	20
13	DH-3770	Shell, Bearing	4		C-312	Washer, Lock-3/8"	20
14	DF-2571	Screw, Cap	8		DG-5187	Plate, Cover (Effective thru Serial Suffix CPF6-B)	1
15	DL-3344	Cap, Ball	2				
16	DF-2804	Gasket	4		C-1612	Screw, Cap-1/2"-13nc x 1" ..	4
17	DH-3771	Shim	AR		C-1540	Washer, Lock-1/2"	4
18	DL-3343	Socket, Ball-Rear	1		TG-5834	Plate, Cover	1
	DL-3342	Socket, Ball-Front	1		TG-5835	Gasket	1
19	C-1601	Screw, Cap-3/8"-16nc x 3/4" ...	48		DL-4333	Plate, Cover *	1
20	C-312	Washer, Lock-3/8"	48		DL-7479	Plate, Cover **	1
21	C-5771	Plug, Pipe	2		VH-3047	Plate, Cover ###	1
22	DG-3224	Bolt, Stay	4		C-7595	Screw, Cap-5/8"-11nc x 1 1/4" ..	4
23	HC-9059	Washer	4		C-1451	Washer, Lock-5/8"	4
24	DF-947	Cover #	2				

* Effective thru Serial Suffix CPF6-M.

** Effective with Serial Suffix CPF6-N.

*** Effective with Serial Suffix CPF6-D.

Effective thru Serial Suffix CPF6-N.

Effective with Serial Suffix CPF6-R & CPA6.

Effective with Serial Suffix CPA6.

π Effective with Serial Suffix CPF6-A.

ππ Effective with Serial Suffix CPF6-B Only.

πππ Effective with Serial Suffix CPF6-B.

% Effective with Serial Suffix CPF6-C.

%% Effective thru Serial Suffix CPF6-B.

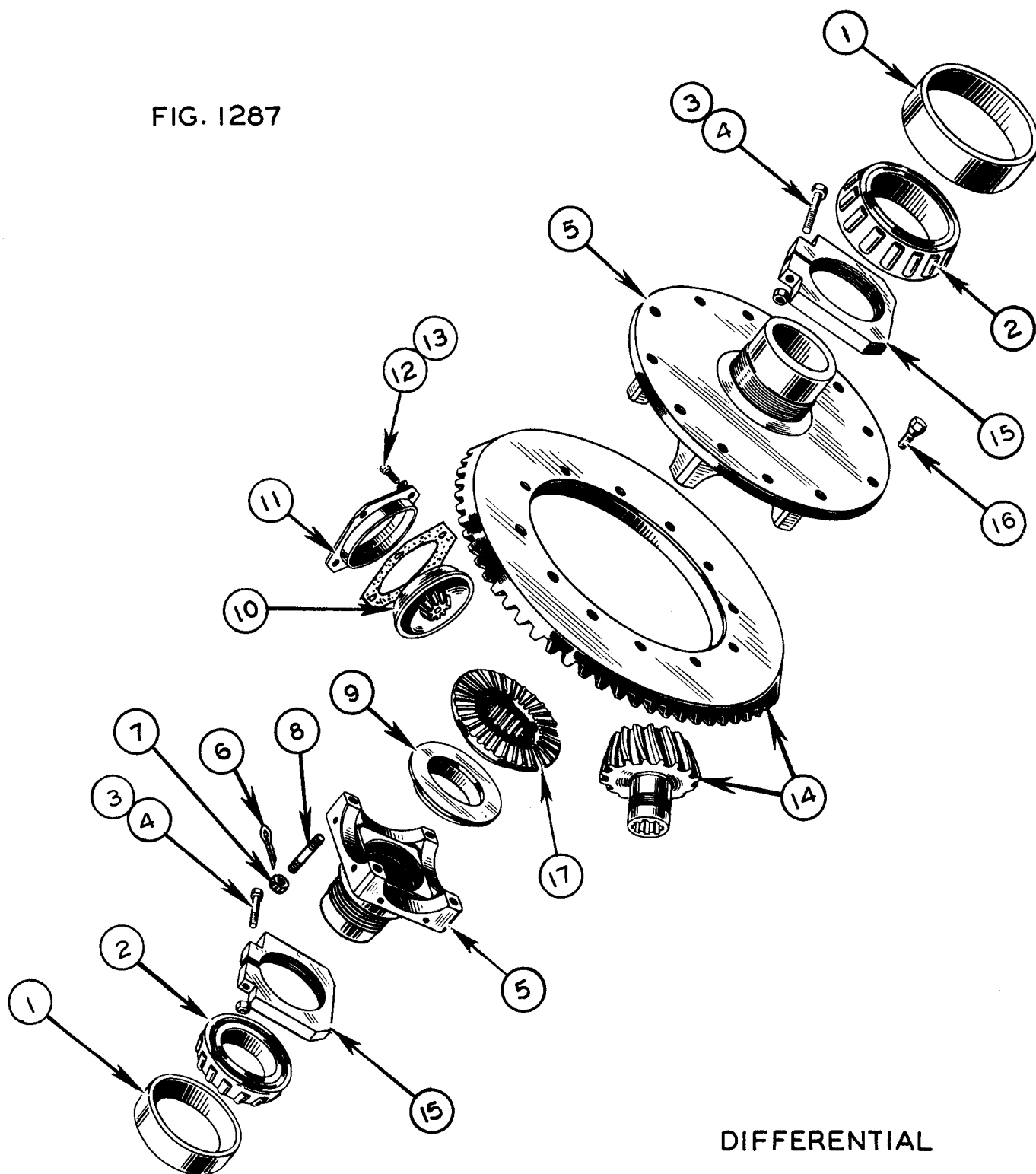
ç Effective with Serial Suffix CPF6-C thru CPF6-D.

çç Effective thru Serial Suffix CPF6-E.

ççç Effective thru Serial Suffix CPF6-C.

@ Effective with Serial Suffix CPF6-D thru CPF6-J.

FIG. 1287



DIFFERENTIAL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1287

DIFFERENTIAL

Ref. No.	Part No.	Description	Qty.
1	C-321	CUP, BEARING	2
2	C-10	CONE, BEARING	2
3	C-1691	SCREW, CAP - 1/2" - 20NF x 4 1/2"	2
4	C-1524	NUT - 1/2" - 20NF	2
5	TF-368	CAGE ASSEMBLY **	1
	VH-5354	CAGE ASSEMBLY ***	1
7	E-4132	PIN, COTTER	8
	DL-2560	NUT, SLOTTED	8
8	TF-900	STUD	4
9	SL-9854	BUSHING	2
10	SF-1882	PINION	4
11	DG-6232	BUSHING	4
	DH-4652	SHIM	AR
12	HC-314	SCREW, CAP	16
13	DD-5640	WASHER	16
14		RING GEAR & PINION SET - SEE INDEX *	1
15	DD-3821	NUT	2
16	DD-6336	SCREW, CAP	12
17	TC-6383	GEAR, IDLER **	2
	VG-7264	GEAR, IDLER ***	2
* SOLD AS MATCHED SET ONLY. ** EFFECTIVE THRU SERIAL SUFFIX CPA6-A & CPF6-R. *** EFFECTIVE WITH SERIAL SUFFIX CPA6-B & CPF6-S.			

FIG. 1402 A
AXLE-FINAL DRIVE

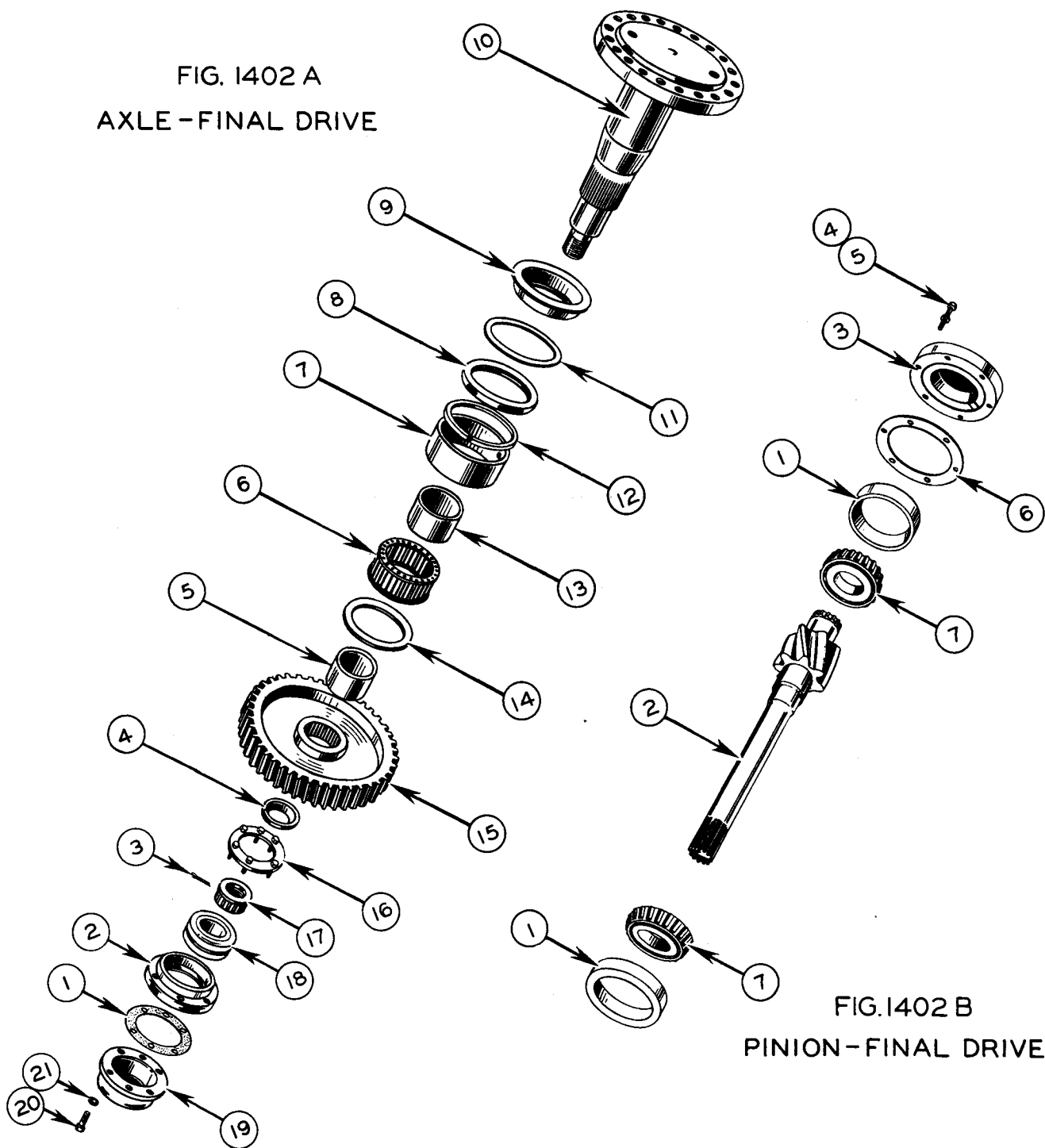


FIG. 1402 B
PINION-FINAL DRIVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1402A

AXLE - FINAL DRIVE

Ref. No.	Part No.	Description	Qty.
1	SV-9441	GASKET	2
2	TG-5468	RETAINER	2
3	C-1558	COTTER PIN	2
4	SV-9449	SPACER	2
5	DF-8156	SPACER	2
6	SD-9800	BEARING	2
7	HC-7494	OUTER RACE	2
8	SV-5168	OIL SEAL	2
9	DF-8157	BUSHING	2
10	SV-9442	AXLE	2
11	DF-8163	FELT SEAL	2
12	TC-6390	SPACER	2
13	DF-8162	INNER RACE	2
14	DF-8117	WASHER	2
15	DG-615	GEAR - R.H.	1
	DG-616	GEAR - L.H.	1
16	SV-9448	RETAINER	2
	C-318	CAPSCREW	12
17	DD-8264	AXLE NUT	2
18	SV-9433	BEARING ASSEMBLY	2
19	TG-5469	AXLE CAP - R.H.	1
	DL-4738	AXLE CAP - L.H.	1
20	C-1615	CAPSCREW - 1/2" - 13 NC x 1 3/4"	6
	C-1618	CAPSCREW - 1/2" - 13 NC x 1 1/4"	6
21	H-738	WASHER - 1/2" COPPER	12
(EFFECTIVE WITH SERIAL SUFFIX CPF6 ONLY)			

FIGURE 1402B

PINION - FINAL DRIVE

1	DD-8418	BEARING CUP	4
2	TC-6382	PINION - R.H.	1
	TC-8412	PINION - L.H.	1
3	DL-1965	BEARING CAP	2
4	C-1604	CAPSCREW	12
5	C-312	LOCKWASHER	12
6	DF-3216	SHIM - .007	AR
	DF-3217	SHIM - .005	AR
7	DD-8417	BEARING CONE	4
(EFFECTIVE WITH SERIAL SUFFIX CPF6 ONLY)			

FIGURE 1288 A
AXLE-FINAL DRIVE

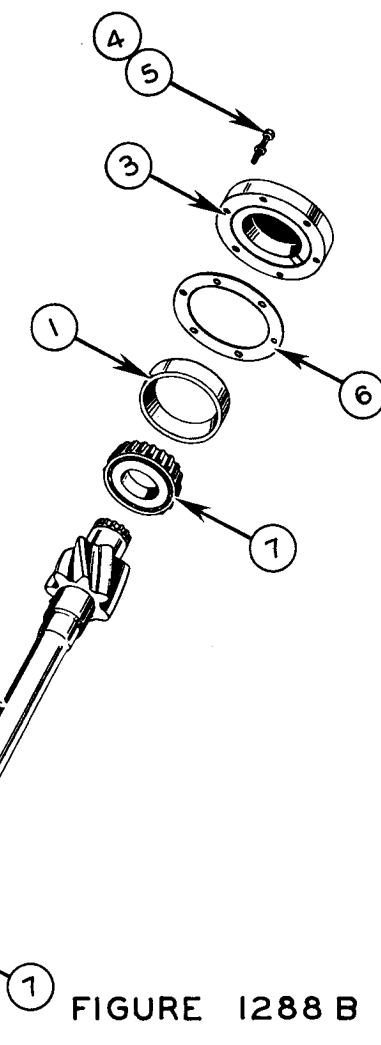
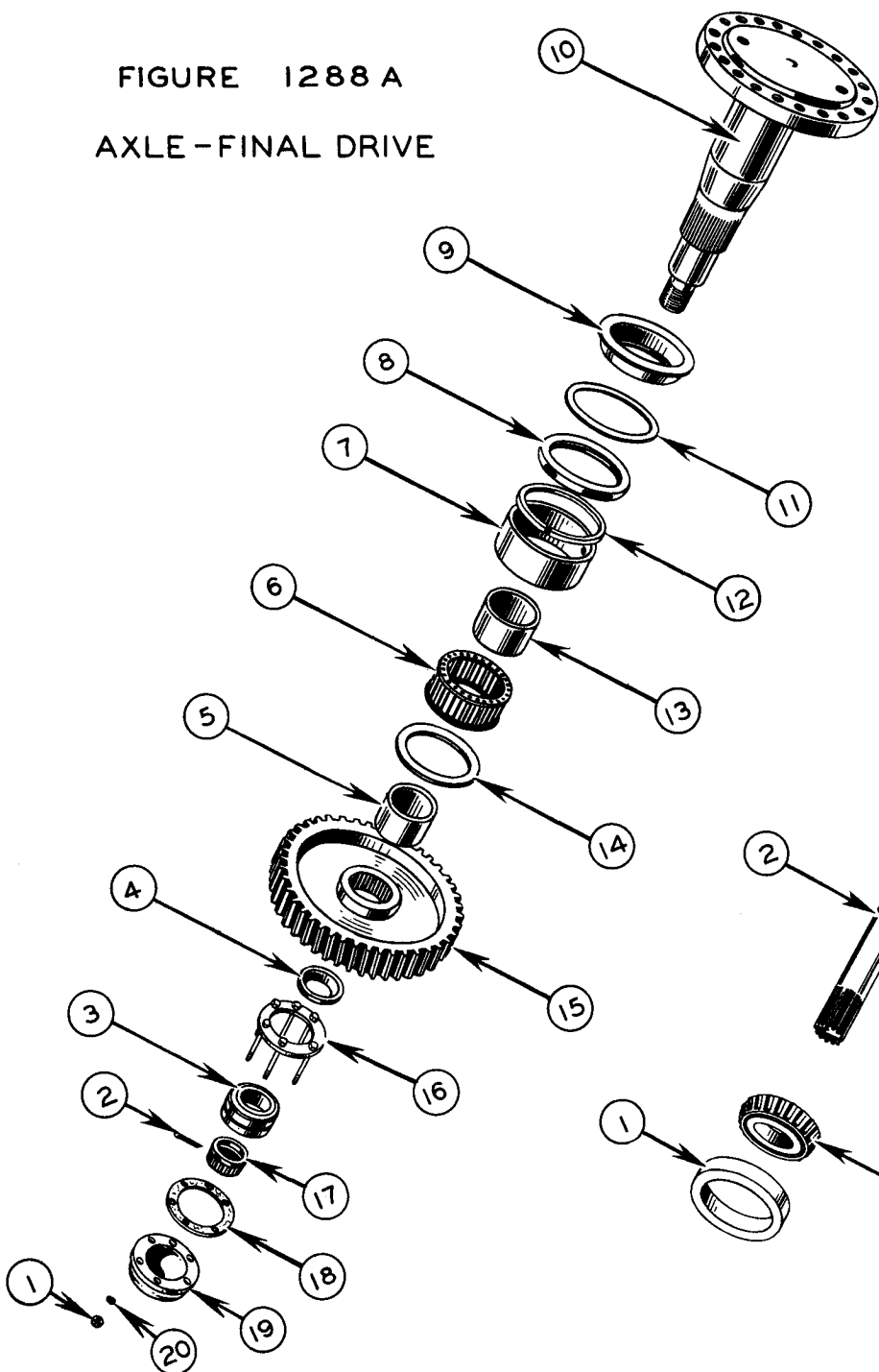


FIGURE 1288 B
PINION-FINAL DRIVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1288A

AXLE - FINAL DRIVE

Ref. No.	Part No.	Description	Qty.
1	TG-2590	NUT	12
2	C-1558	PIN, COTTER - 3/8"x 3 1/2"	2
3	SV-9433	BEARING ASSEMBLY	2
4	SV-9449	SPACER	2
5	DF-8156	SPACER	2
6	SD-9800	BEARING	2
7	HC-7494	RACE, OUTER	2
8	SV-5168	SEAL, OIL	2
9	DF-8157	BUSHING	2
10	SV-9442	AXLE	2
11	DF-8163	SEAL, FELT	2
12	TC-6390	SPACER	2
13	DF-8162	RACE, INNER	2
14	DF-8117	RETAINER, BEARING	2
15	TG-9294	GEAR	2
16	TH-1469	RING, STUD	2
17	DD-8264	NUT, AXLE	2
18	SV-9441	GASKET	2
19	TH-1465	CAP, AXLE	2
20	H-738	WASHER - 1/2" COPPER	12
(EFFECTIVE WITH SERIAL SUFFIX CPF6-A THRU CPF6-R & CPA6 THRU CPA6-A)			

FIGURE 1288B

PINION - FINAL DRIVE

1	DD-8418	CUP, BEARING	4
2	TH-1475	PINION - R.H.	1
	TH-1474	PINION - L.H.	1
3	DL-1965	CAP, BEARING	2
4	C-1604	CAPSCREW - 3/8" - 16 nc x 1 1/2"	12
5	C-312	LOCKWASHER - 3/8"	12
6	DF-3216	SHIM - .007	AR
	DF-3217	SHIM - .005	AR
7	DD-8417	CONE, BEARING	4
(EFFECTIVE WITH SERIAL SUFFIX CPF6-A THRU CPF6-R & CPA6 THRU CPA6-A)			

FIG. 2564 A

AXLE-FINAL DRIVE

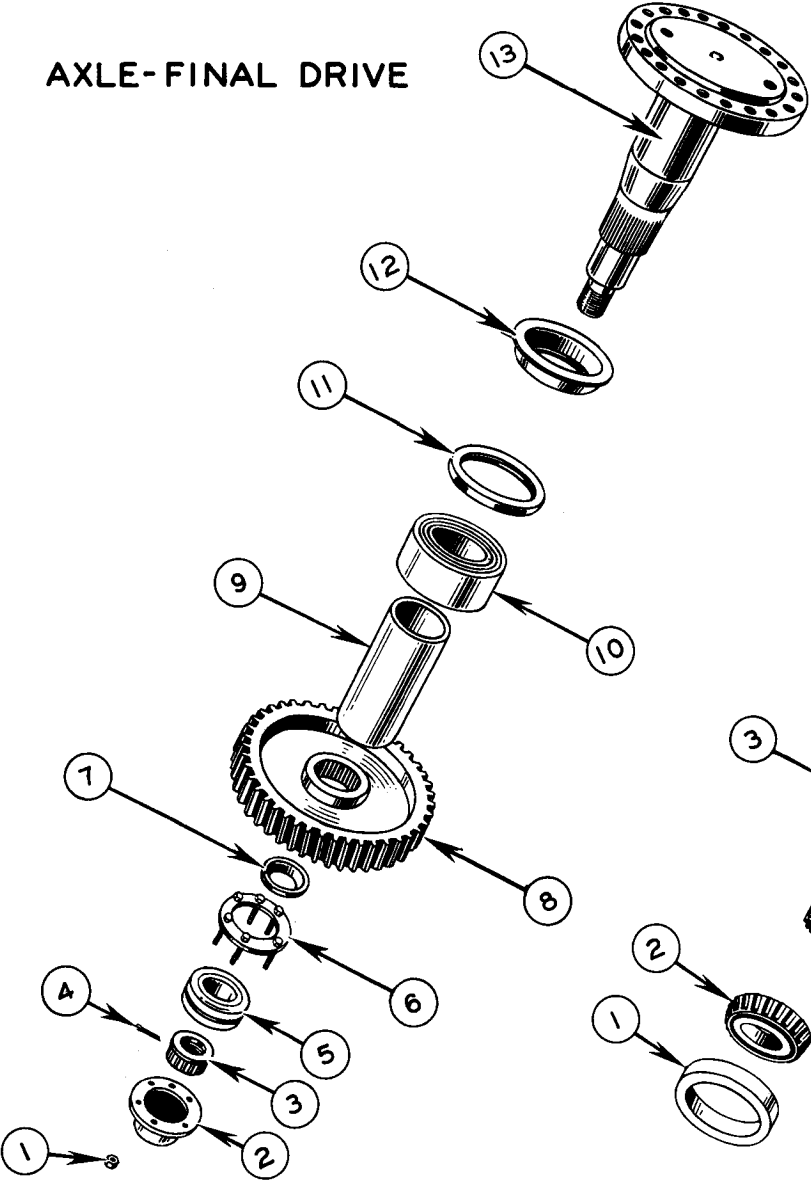


FIG. 2564 B

PINION-FINAL DRIVE

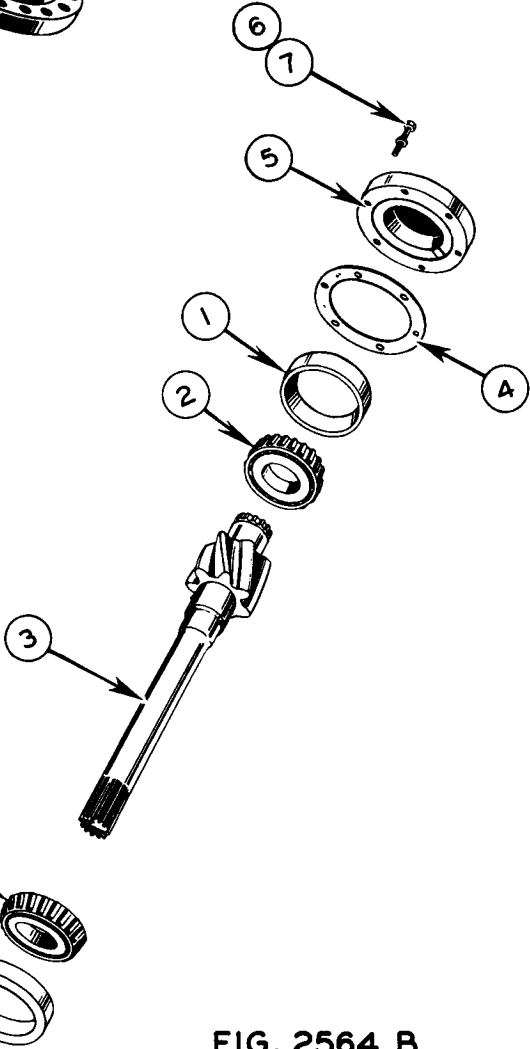


FIGURE 2564A

AXLE - FINAL DRIVE

Ref. No.	Part No.	Description	Qty.
1	TC-8227	NUT, LOCK - 1/2" - 20NF	12
2	DL-5709	CAP, AXLE (*Qty. 1)	2
	TH-1139	CAP, AXLE - L.H. *	1
3	DD-8264	NUT, AXLE (*Qty. 1)	2
	VH-5779	NUT & SPEEDOMETER DRIVE - L.H. *	1
4	C-1558	PIN, COTTER - 3/8" x 3 1/2"	2
5	SV-9433	BEARING, TAPERED ROLLER	2
6	DL-5713	RING, STUD	2
7	SV-9449	COLLAR, TAPERED	2
8	TG-9294	GEAR, FINAL DRIVE	2
9	VG-8768	SPACER	2
10	TH-6890	BEARING, ROLLER	2
11	SV-5168	SEAL, OIL	2
12	VG-5283	RUNNER, SEAL	2
13	VG-5265	AXLE	2
NOTE: * STANDARD FOR CPA6, OPTIONAL FOR CPF6.			
(EFFECTIVE WITH SERIAL SUFFIX CPA6-B & CPF6-S)			

FIGURE 2564B

PINION - FINAL DRIVE

1	DD-8418	CUP, BEARING	4
2	DD-8417	CONE, BEARING	4
3	VG-7265	PINION, FINAL DRIVE - R.H.	2
	VG-7266	PINION, FINAL DRIVE - L.H.	2
4	DF-3216	SHIM - .007	AR
	DF-3217	SHIM - .005	AR
5	DL-1965	CAP, BEARING	2
6	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2"	12
7	C-312	WASHER, LOCK - 3/8"	12
(EFFECTIVE WITH SERIAL SUFFIX CPA6-B & CPF6-S)			

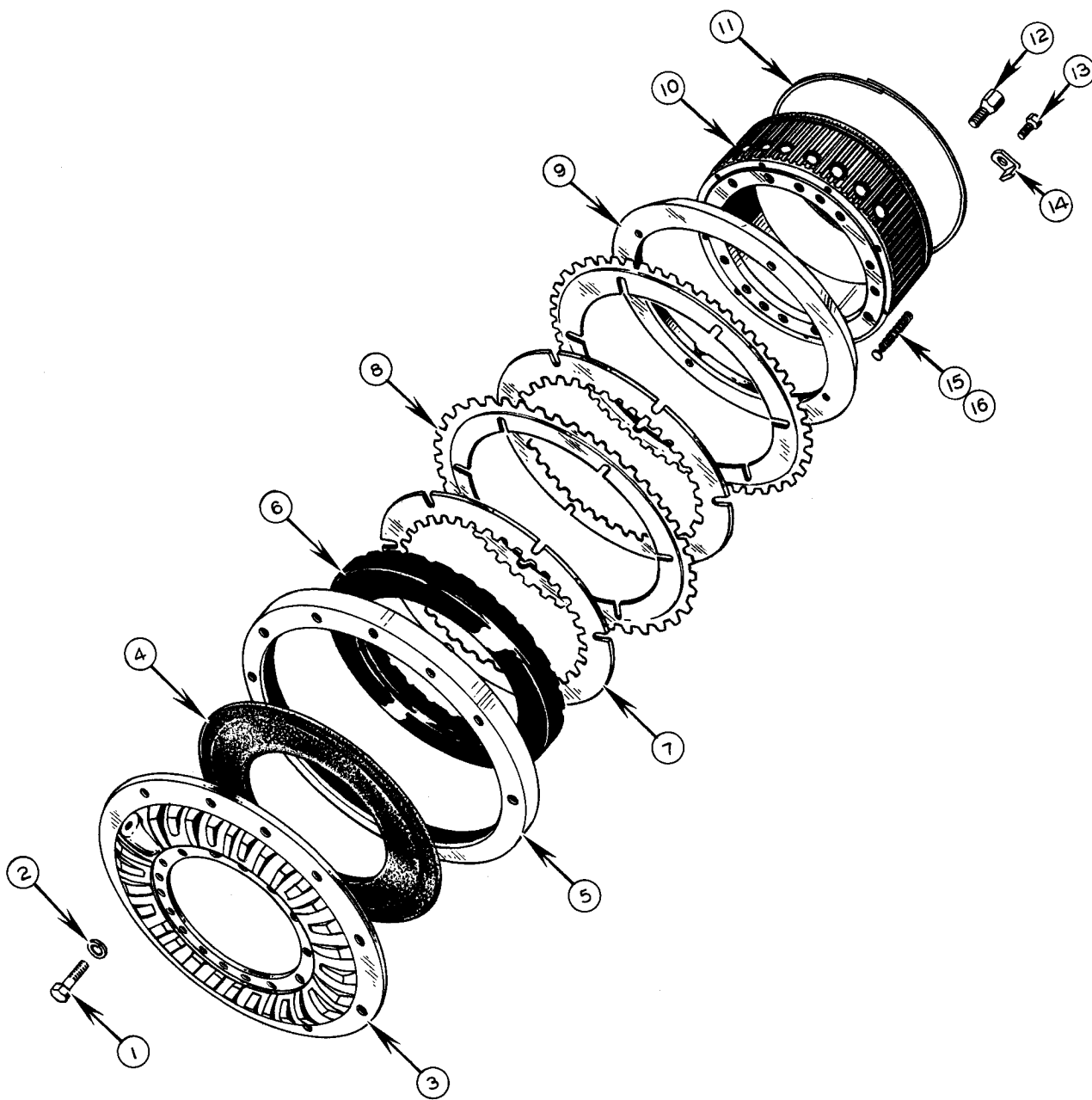


FIG.1234

AIR BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1234

AIR BRAKE ASSEMBLY TG-4680 *
TH-5944**

Ref. No.	Part No.	Description	Qty.
1	C-5801	CAPSCREW	12
2	C-312	LOCKWASHER	12
3	SR-5480	PLATE, DIAPHRAGM BACKING	1
4	SV-249	DIAPHRAGM	1
5	SG-6005	BOLT RING	1
6	TF-7088	RELEASE, BRAKE	1
7	DC-4208	DISC, INTERNAL TOOTH	5
8	SR-9369	DISC, EXTERNAL TOOTH	4
9	TG-5092	PLATE, BACKING	1
10	SG-5684	HUB *	1
	TH-5926	HUB **	1
11	TF-5206	RING, SNAP	1
12	SF-6833	CAPSCREW *	4
	TG-4650	CAPSCREW **	4
	SF-3539	CAPSCREW (Not Included in Assembly)	16
13	E-2728	CAPSCREW - 1/2" NC x 1"	4
14	TG-1505	LUG, BOLT	4
15	SR-9364	SPRING *	8
	TH-2781	SPRING **	16
16		NAIL(**Qty. 16)	8
		NOT SHOWN	
	DG-1364	GUARD, DIRT	1
	DF-3042	WASHER - 3/8" FLAT	2
		* EFFECTIVE THRU SERIAL SUFFIX CPF6-C.	
		** EFFECTIVE WITH SERIAL SUFFIX CPF6-D & CPA6)	
		(EFFECTIVE THRU SERIAL SUFFIX CPF6-R & CPA6-A)	
		(TWO BRAKE ASSEMBLIES REQUIRED)	

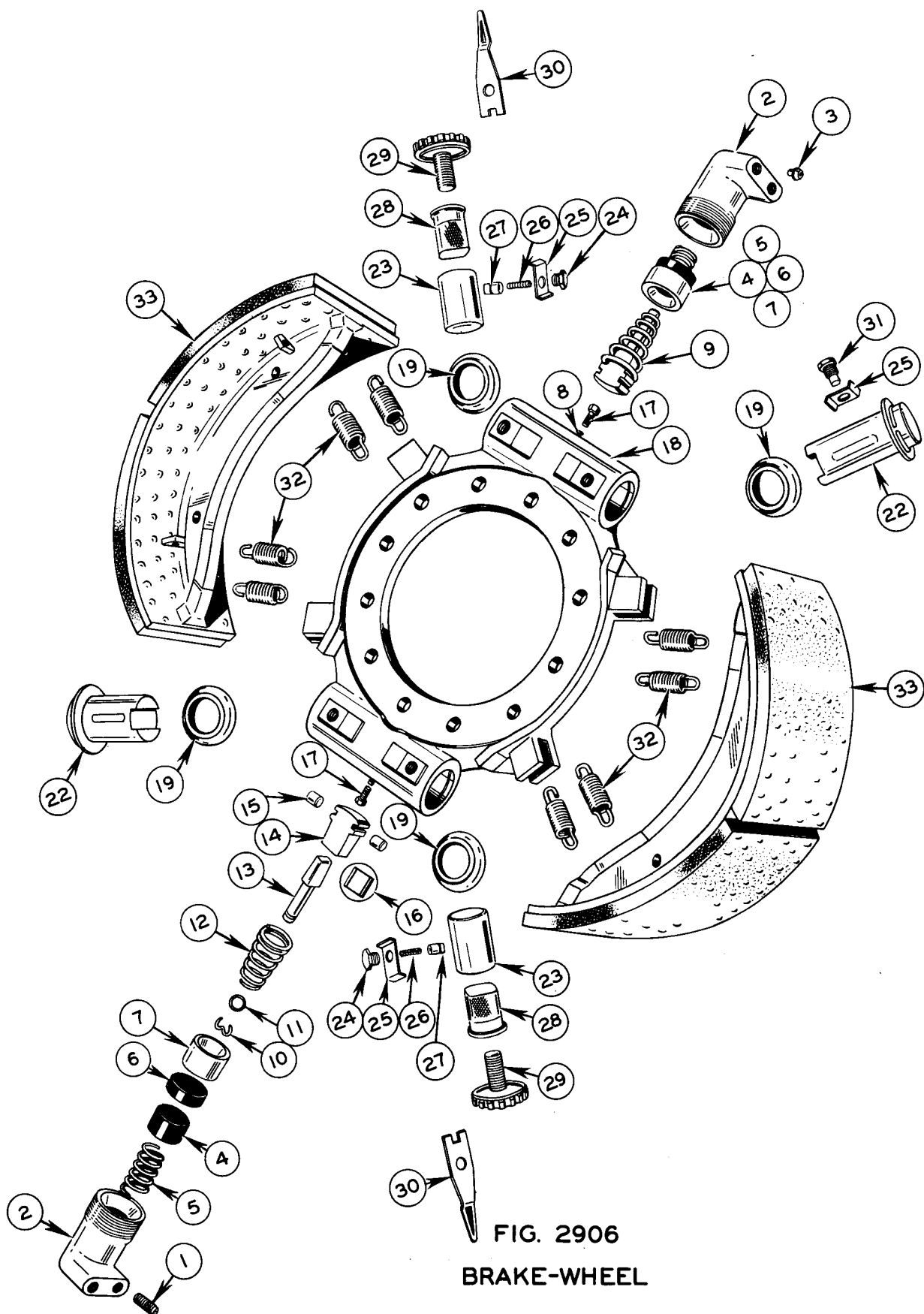


FIGURE 2906 BRAKE ASSEMBLY - WHEEL VG-7930-R.H.
VG-7931-L.H.

Ref. No.	Part No.	Description	Qty.
1	VF-4319	SCREW, BLEEDER	1
2	VH-7434	CYLINDER	2
3	VD-5835	SEAT, TUBE	2
4	VN-3116	PLUG	2
5	VG-8151	SPRING	2
6	VG-9495	CUP	2
7	VG-5549	PISTON	2
8	VD-4356	PLUG	2
9	VF-4315	WEDGE ASSEMBLY	2
10	VF-4341	"E" WASHER	2
11	VF-4342	WASHER	2
12	VF-4339	SPRING, RETURN	2
13		WEDGE (Not Serviced Separately)	2
14	VF-4337	CAGE, RETAINING	2
15	VF-4338	ROLLER	2
16	VF-4340	WASHER	2
17	VD-4355	SCREW, SET	2
18	VH-7433	SPIDER	1
19	VF-4322	SEAL ASSEMBLY	4
22	VF-4324	PLUNGER ASSEMBLY, ANCHOR	2
23	VF-4323	PLUNGER, ADJUSTING	2
24	VD-5831	SCREW, CAP	2
25	VF-4329	LOCK	4
26	VD-5830	SPRING	2
27	VF-4328	GUIDE	2
28	VF-4325	ACTUATOR	2
29	VF-4326	BOLT, ADJUSTING	2
30	VF-4327	DETENT, ADJUSTING	2
31	VD-4369	GUIDE, ANCHOR PLUNGER	2
32	VF-9276	SPRING, SHOE RETURN	8
33	VF-4348	SHOE & LINING ASSEMBLY	2
	RK-1205	LINING KIT (Std.)	1
	RK-1206	LINING KIT (1/16" Oversized)	1
	RK-1207	LINING KIT (1/8" Oversized)	1
		NOT SHOWN	
	VG-5268	STUD, MOUNT	4
	C-1529	NUT - 7/8" - 9NC	4
	C-1660	SCREW, CAP - 7/8" - 9NC x 2 1/4"	6
	C-1543	WASHER, LOCK - 7/8"	10
QUANTITIES ARE SHOWN FOR ONE BRAKE ASSEMBLY - TWO ASSEMBLIES REQUIRED PER MACHINE. (EFFECTIVE WITH SERIAL SUFFIX CPF6-S & CPA6-B)			

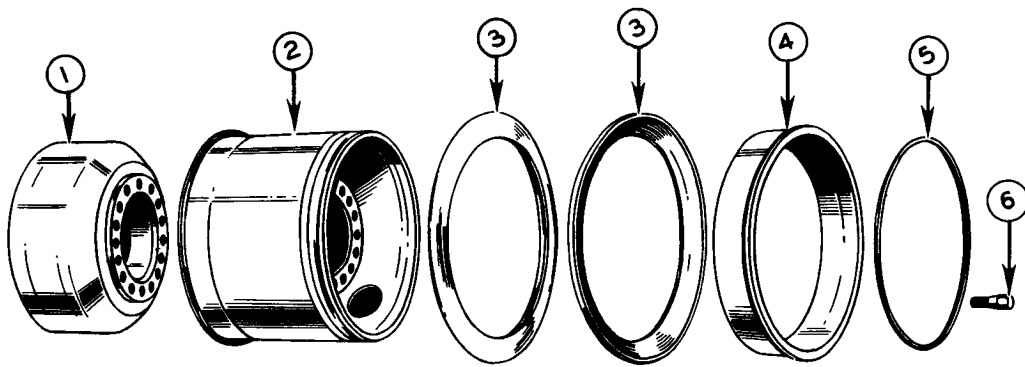


FIG. 1417 A

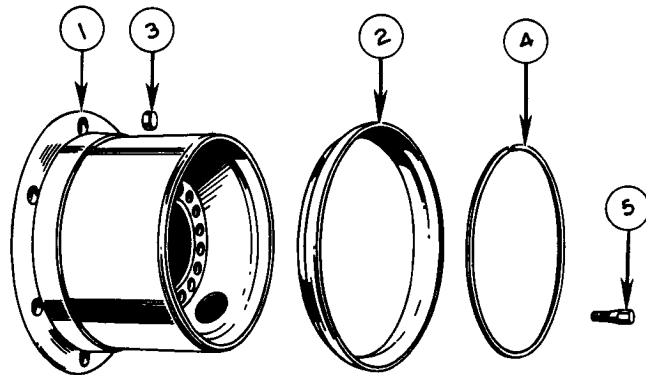


FIG. 1417 B

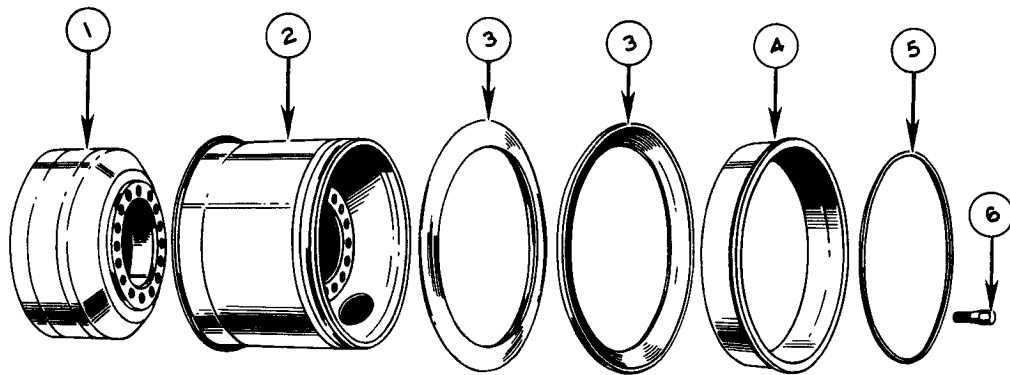


FIG. 1417 C

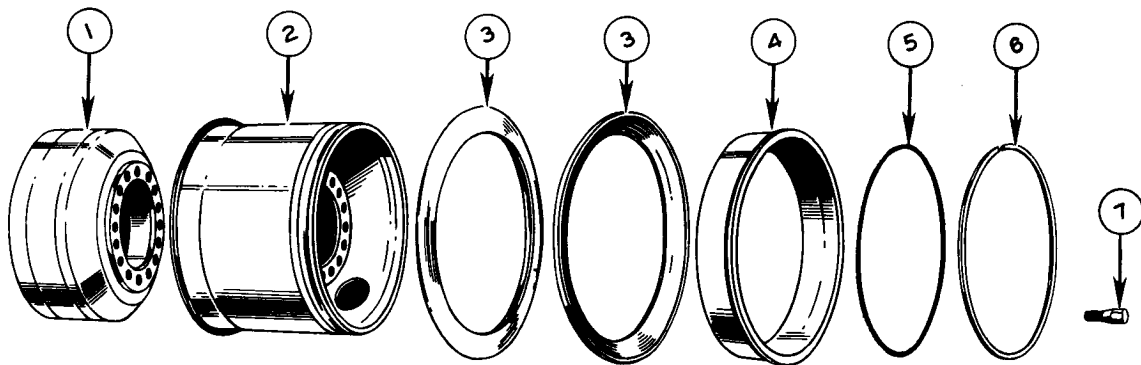


FIG. 1417 D

WHEELS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1417A

26.5 x 25 WHEEL ASSEMBLY SV-9273

Ref. No.	Part No.	Description	Qty.
1	SR-1994	BRAKE DRUM (Not Included in Assembly)	1
2	SV-9272	WHEEL	1
3	SV-8191	FLANGE	2
4	SV-8190	BEAD SEAT BAND	1
5	SV-8186	LOCK RING	1
6	DD-4145	CAPSCREW (Not Included in Assembly)	20

FIGURE 1417B

24 x 25 WHEEL ASSEMBLY DH-2760

1	DH-2759	WHEEL	1
2	DH-2755	RETAINER RING	1
3	DF-9003	LUG	1
4	DF-9004	LOCK RING	1
5	DD-4145	CAPSCREW (Not Included in Assembly)	10

FIGURE 1417C

24 x 25 WHEEL ASSEMBLY TC-655* VG-8812**

1	SR-1994	BRAKE DRUM (Not Included in Assembly)	1
2	TC-654	WHEEL *	1
	VG-8810	WHEEL **	1
3	TC-765	FLANGE	2
4	SV-8190	BEAD SEAT BAND	1
5	SV-8186	LOCK RING	1
6	DD-4145	CAPSCREW (Not Included in Assembly)	20
NS	R-3529	PLUG **	1

FIGURE 1417D

24 x 25 WHEEL ASSEMBLY TC-653* VF-9367**

1	SR-1994	BRAKE DRUM (Not Included in Assembly)	1
2	TC-652	WHEEL *	1
3	VF-9365	WHEEL **	1
3	TC-765	FLANGE	2
4	SV-8190	BEAD SEAT BAND	1
5	SR-6498	"O" RING	1
6	SV-8186	LOCK RING	1
7	DD-4145	CAPSCREW (Not Included in Assembly)	20
NS	SV-5721	VALVE STEM	1

FIGURE 1417D

26.5 x 25 WHEEL ASSEMBLY SV-8189

1	SR-1994	BRAKE DRUM (Not Included in Assembly)	1
2	SV-8188	WHEEL	1
3	SV-8191	FLANGE	2
4	SV-8190	BEAD SEAT BAND	1
5	SR-6498	"O" RING	1
6	SV-8186	LOCK RING	1
7	DD-4145	CAPSCREW (Not Included in Assembly)	20

FIGURE 1417D

29.5 x 25 WHEEL ASSEMBLY TC-4767

1	SR-1994	BRAKE DRUM (Not Included in Assembly)	1
2	TC-4768	WHEEL	1
3	TC-765	FLANGE	2
4	SV-8190	BEAD SEAT BAND	1
5	SR-6498	"O" RING	1
6	SV-8186	LOCK RING	1
7	DD-4145	CAPSCREW (Not Included in Assembly)	20
NS	SV-5721	VALVE STEM	1

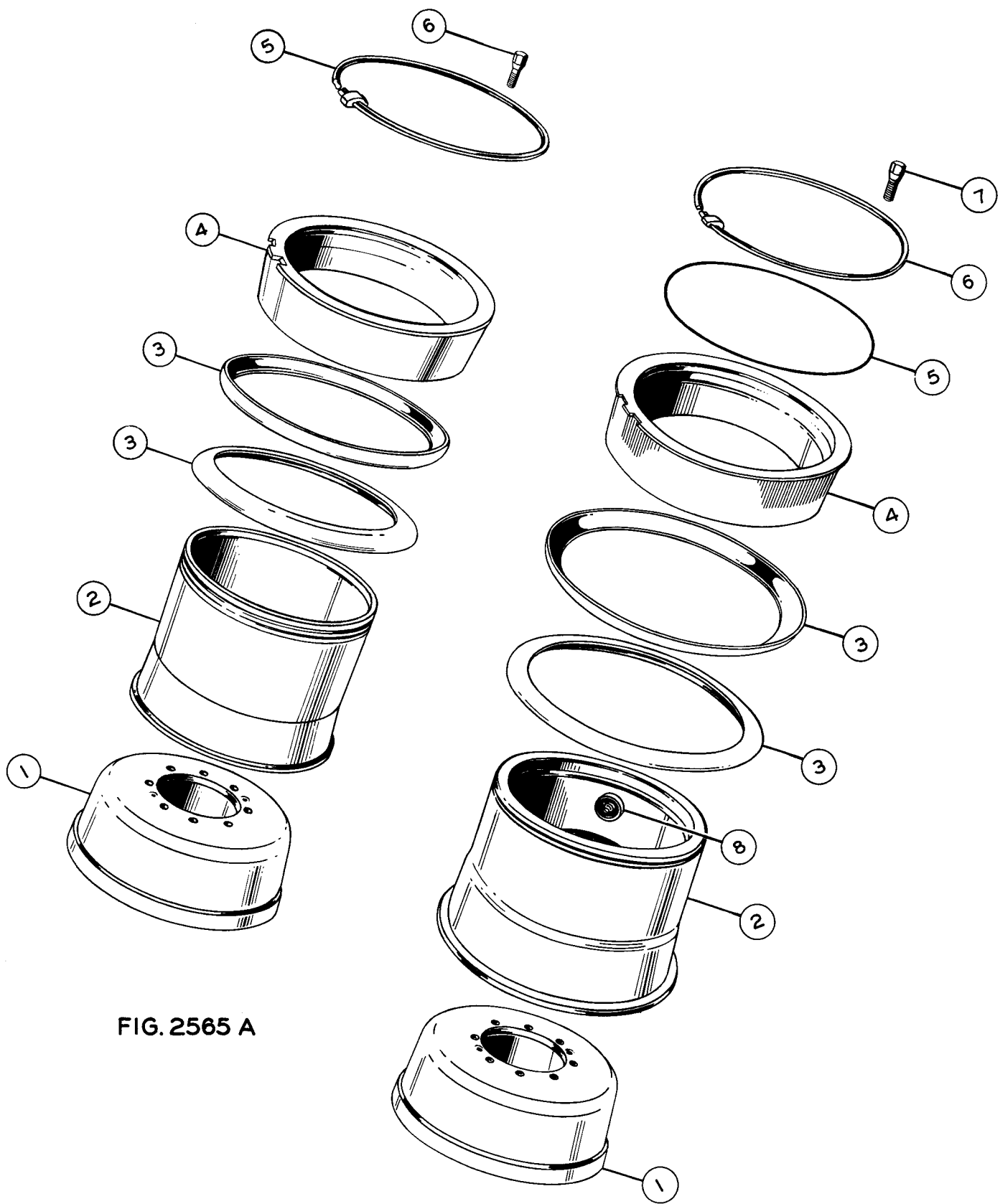


FIG. 2565 A

FIG. 2565 B

WHEEL

FIGURE 2565A 24 x 25 WHEEL ASSEMBLY - VH-5376

Ref. No.	Part No.	Description	Qty.
1	VH-2603	DRUM, BRAKE (Not Included in Assembly)	1
2	VH-5377	WHEEL	1
3	TC-765	FLANGE	2
4	SV-8190	BAND, BEAD SEAT	1
5	SV-8186	RING, LOCK	1
6	VH-2602	SCREW, CAP - TAPERHEAD (Not Included in Assembly)	20
		NOT SHOWN	
	R-3529	PLUG, EXPANSION	1
		(OPTIONAL) (USED WITH SHOE BRAKES)	

FIGURE 2565B 24 x 25 WHEEL ASSEMBLY VH-2606

1	VH-2603	DRUM, BRAKE (Not Included in Assembly)	1
2	VH-2600	WHEEL	1
3	TC-765	FLANGE	2
4	SV-8190	BAND, BEAD SEAT	1
5	SR-6498	"O" RING	1
6	SV-8186	RING, LOCK	1
7	VH-2602	SCREW, CAP - TAPERHEAD (Not Included in Assembly)	20
8	SV-5721	STEM, VALVE	1
		(STANDARD) (USED WITH SHOE BRAKES)	

FIGURE 2565B 26.5 x 25 WHEEL ASSEMBLY VH-5368

1	VH-2603	DRUM, BRAKE (Not Included in Assembly)	1
2	VH-5367	WHEEL	1
3	SV-8191	FLANGE	2
4	SV-8190	BAND, BEAD SEAT	1
5	SR-6498	"O" RING	1
6	SV-8186	RING, LOCK	1
7	VH-2602	SCREW, CAP - TAPERHEAD (Not Included in Assembly)	20
8	SV-5721	STEM, VALVE	1
		(OPTIONAL) (USED WITH SHOE BRAKES)	

FIGURE 2565B 29.5 x 25 WHEEL ASSEMBLY VH-2605

1	VH-2603	DRUM, BRAKE (Not Included in Assembly)	1
2	VH-1597	WHEEL	1
3	TC-765	FLANGE	2
4	SV-8190	BAND, BEAD SEAT	1
5	SR-6498	"O" RING	1
6	SV-8186	RING, LOCK	1
7	VH-2602	SCREW, CAP - TAPERHEAD (Not Included in Assembly)	20
8	SV-5721	STEM, VALVE	1
		(OPTIONAL) (USED WITH SHOE BRAKES)	

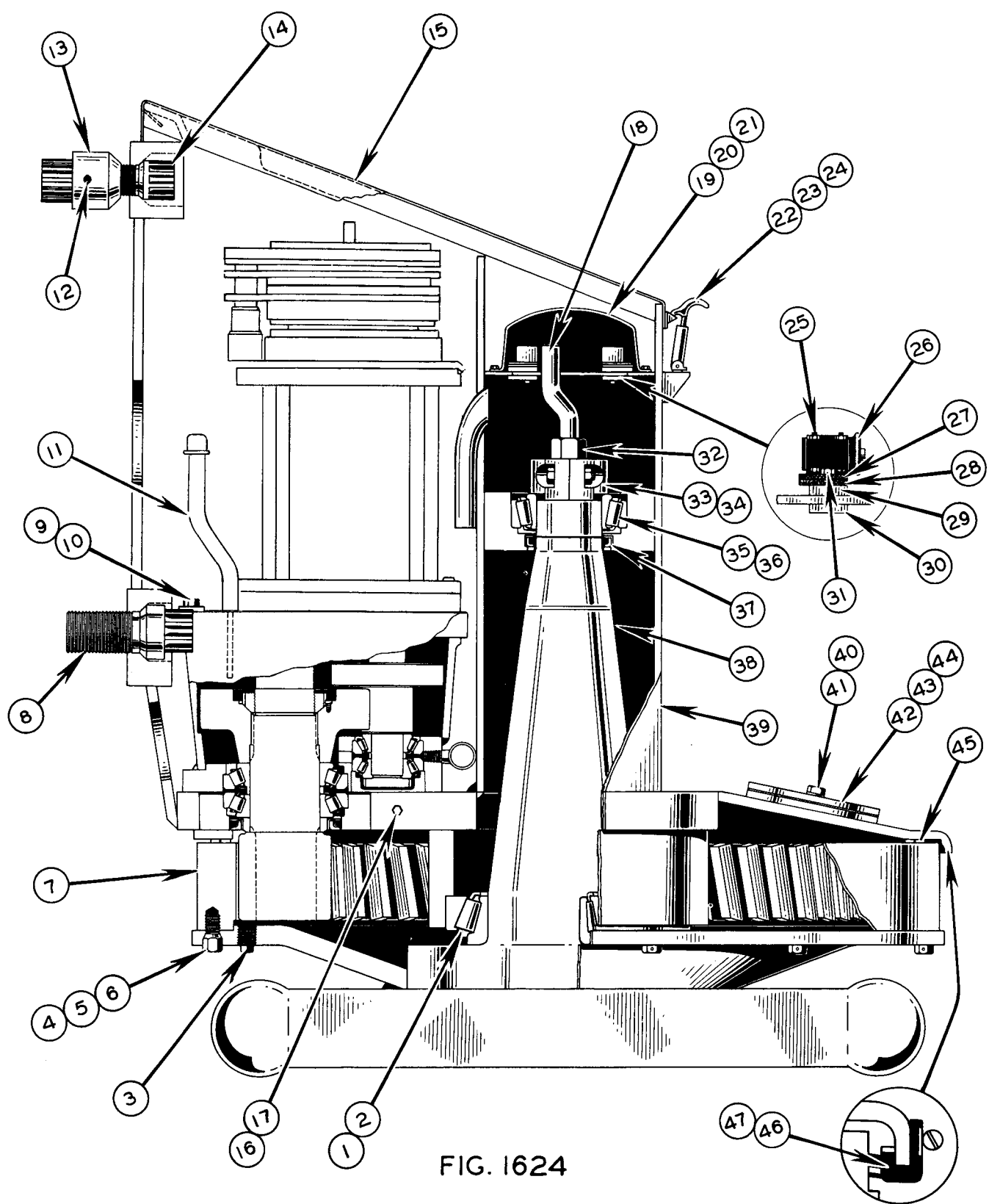


FIG. 1624

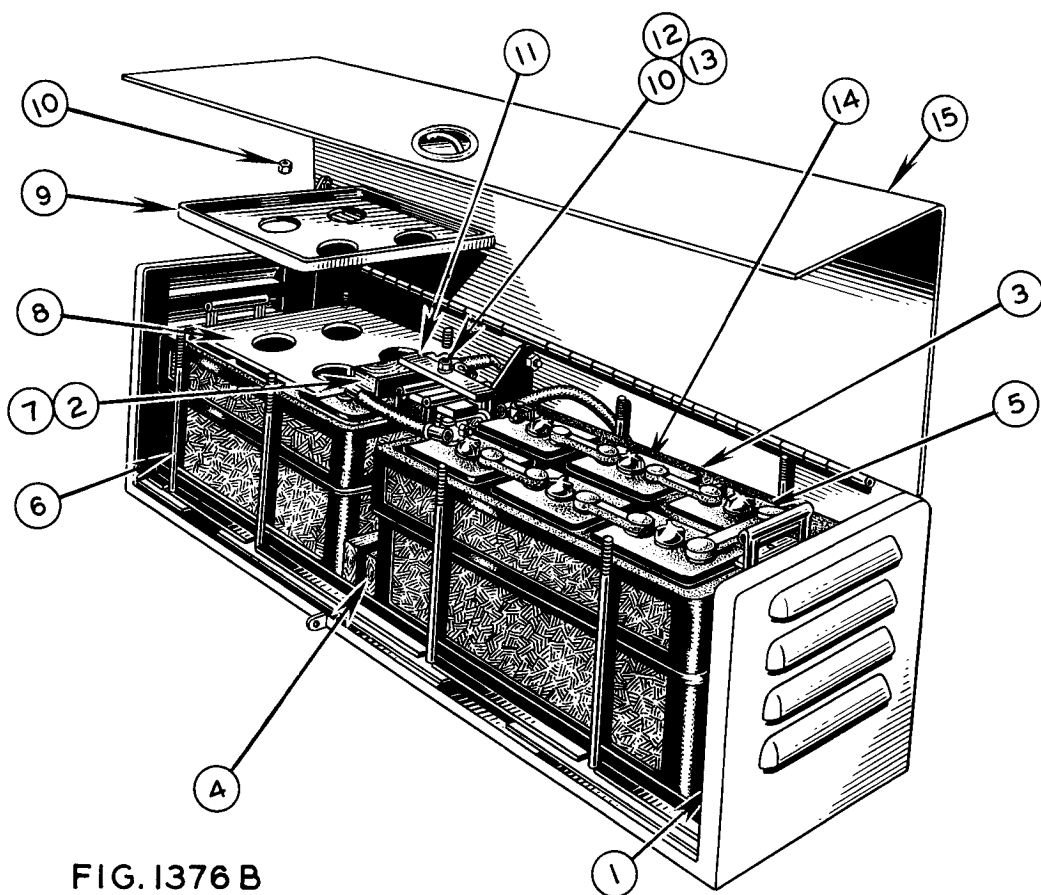
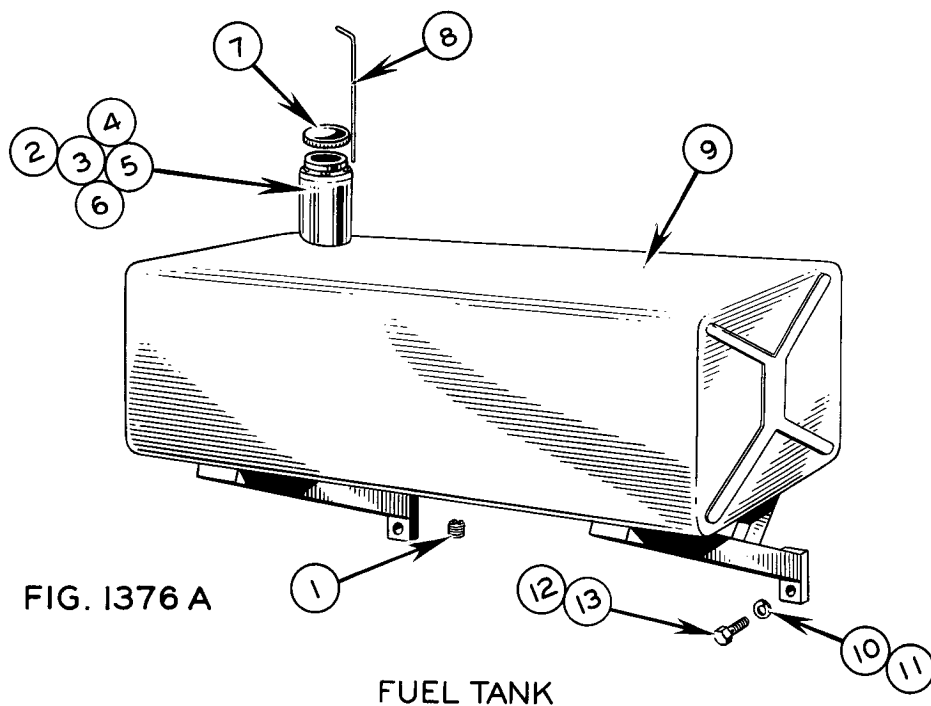
STEERING TRUNNION

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1624

STEERING TRUNNION

Ref. No.	Part No.	Description	Qty.
1	SC-1767	CUP, BEARING	1
2	DF-5167	CONE, BEARING	1
3	R-2028	PLUG, PIPE - 3/4" NPT	1
4	DD-6336	CAPSCREW (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	10
	TF-8731	CAPSCREW (EFFECTIVE WITH SERIAL SUFFIX CPF6-E & CPA6)	18
5	SP-7824	CAPSCREW (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	8
6	SL-5145	COLLAR (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	8
7	TD-7860	GEAR, RING (EFFECTIVE THRU SERIAL CPF6-D)	1
	TL-335	GEAR, RING (EFFECTIVE WITH SERIAL CPF6-E & CPA6).....	1
8	TG-7425	CAPSCREW	2
9	DH-3359	LUG, HOLD-DOWN	2
10	DH-8898	CAPSCREW - 1" - 8 NC x 2"	2
11	TD-5610	TUBE	1
	TD-5613	STICK, DIP	1
12	C-1519	PIN, COTTER - 1/4" x 4"	2
13	DD-2512	NUT, YOKE	2
14	TG-7440	BOLT, UPPER HITCH	2
15	DF-304	COVER	1
16	VG-8460	SETSCREW - 7/8" - 9 NC X 2 1/2"	4
17	DC-6338	NUT, JAM - 7/8" - 9 NC	4
18	DF-7355	CAM	1
19	SF-6461	CAP	1
20	DF-2358	GASKET	1
21	H-8136	CAPSCREW - 1/4" - 20 NC x 1/2"	3
22	R-2642	FASTENER, HOOD	1
23	SC-4161	SCREW, MACHINE - #8-32 NC x 5/8"	2
24	SD-2599	LOCKWASHER - #8	2
25	SV-8991	SCREW - #6-32NC x 1 1/4"	4
26	DF-5856	SWITCH ASSEMBLY	2
27	TC-7851	INSULATOR - TOP	2
28	TC-7852	INSULATOR -BOTTOM	2
29	TC-7850	PLATE, TOP CLAMP	2
30	DF-7354	PLATE, BOTTOM CLAMP	2
31	C-7588	CAPSCREW - 1/4" - 20 NC x 1"	4
32	C-1531	NUT - 1" - 8 NC	1
33	DF-331	NUT	1
34	C-1630	CAPSCREW - 5/8" - 11 NC x 2"	1
35	C-320	CUP, BEARING	1
36	C-11	CONE, BEARING	1
37	L-8	SEAL, OIL	1
38	TG-7423	KINGPIN & BALL SLAB	1
39	TG-7444	HOUSING (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-5983	HOUSING (EFFECTIVE WITH SERIAL SUFFIX CPF6-E & CPA6)	1
40	C-1616	CAPSCREW - 1/2" - 13 NC x 2"	2
41	H-738	WASHER - 1/2" COPPER	2
42	DC-8222	LID	2
43	DC-9123	GASKET	2
44	DC-8224	BAR	2
45	DF-1070	SEAL (EFFECTIVE THRU SERIAL SUFFIX CPF6-C)	1
46	TH-8718	SEAL } (EFFECTIVE WITH SERIAL SUFFIX	1
47	TG-7117	CLAMP } CPF6-D & CPA6)	1
		NOT SHOWN	
	DF-1310	GROMMET	3
	DF-1800	CAPSCREW - 1/4" - 20NC x 3/4"	2
	DF-1578	CAPSCREW - 1/4" - 20NC x 1"	4
	DF-1577	NUT - 1/4" - 20 NC	4
	C-1602	CAPSCREW - 3/8" - 16 NC x 1"	8
	C-312	LOCKWASHER - 3/8"	8



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1376A

FUEL TANK

Ref. No.	Part No.	Description	Qty.
1	R-4288	PIPE PLUG - 1/2"	1
2	DH-2293	FUEL FILTER	1
3	R-5507	FILLER NECK	1
4	H-2642	MACHINE SCREW - #10-24 NC x 1/2"	6
5	R-2634	WASHER - #10	6
6	R-5449	GASKET	2
7	R-6605	CAP	1
8	DH-4768	GAGE	1
9	TC-5251	FUEL TANK	1
10	C-1542	LOCKWASHER - 3/4" - TOP	2
11	C-1544	LOCKWASHER - 1" - BOTTOM	2
12	C-7645	CAPSCREW - 3/4" - 10 NC x 1 1/2" - TOP	2
13	D-1784	CAPSCREW - 1" - 9 NC x 2 1/4" - BOTTOM	2
NOTE: DH-4769 FILLER NECK ASSEMBLY INCLUDES REF. NOS. 2 THRU 8. EFFECTIVE THRU SERIAL SUFFIX CPF6-M.			

FIGURE 1376B

BATTERY BOX

1	SP-1966	SPACER	2
2	SV-8001	RUBBER CHANNEL	2
3	SV-6695	RUBBER CHANNEL	8
4	DH-5055	SPACER	2
5	SV-6694	RUBBER CHANNEL	2
6	SL-6537	BOLT	4
7	SV-6693	BLOCK	2
8	SL-6757	HOLD-DOWN BOARD	2
9	SL-6533	HOLD-DOWN PLATE	2
10	C-1521	NUT - 3/8" - 16 NC	9
11	SP-1994	CLAMP PLATE	1
12	C-1547	WASHER - 3/8" FLAT	1
13	C-312	LOCKWASHER - 3/8"	1
14	SV-3143	SPACER BLOCK	2
15	DL-2984	COVER	1
EFFECTIVE THRU SERIAL SUFFIX CPF6-M.			

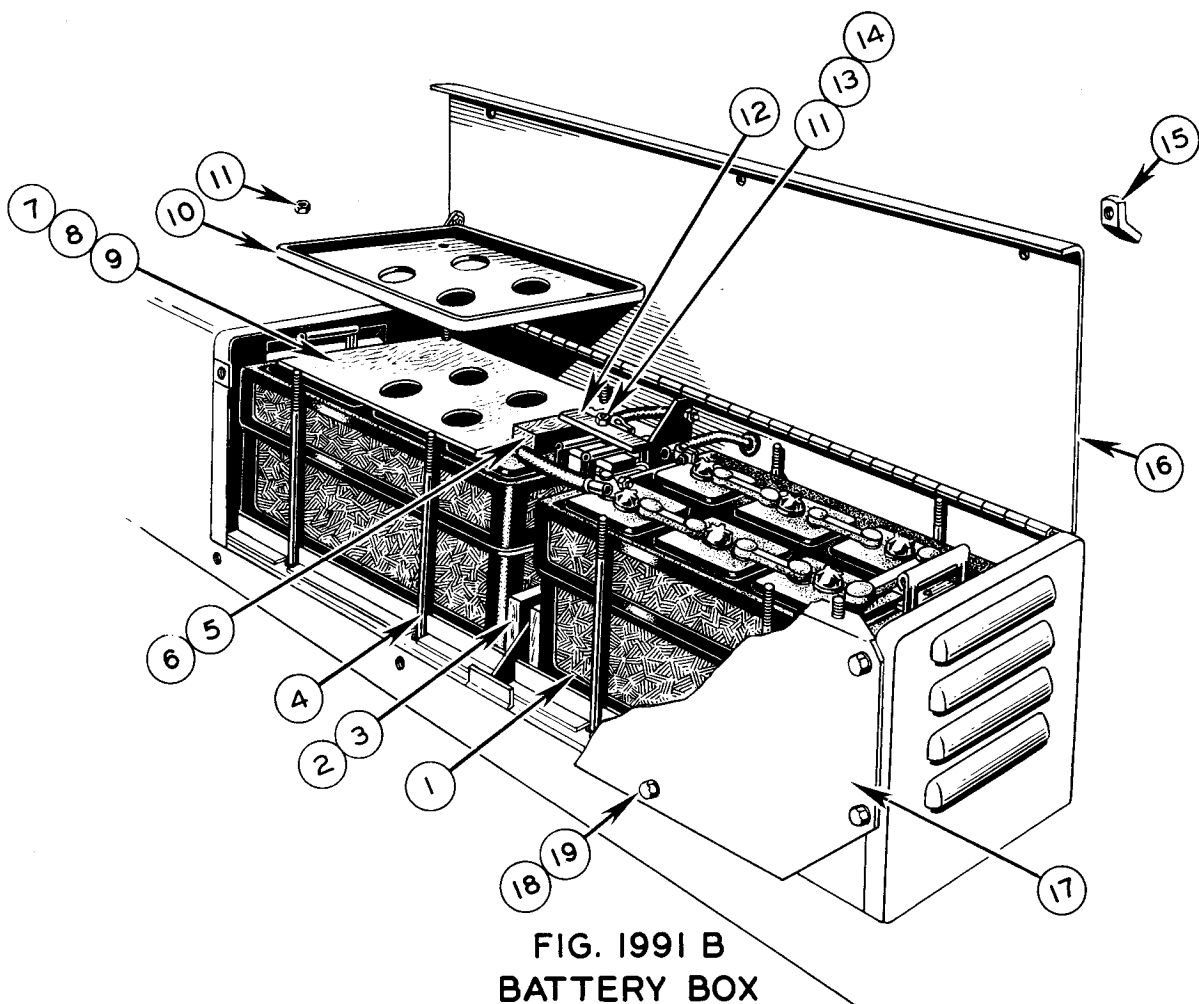
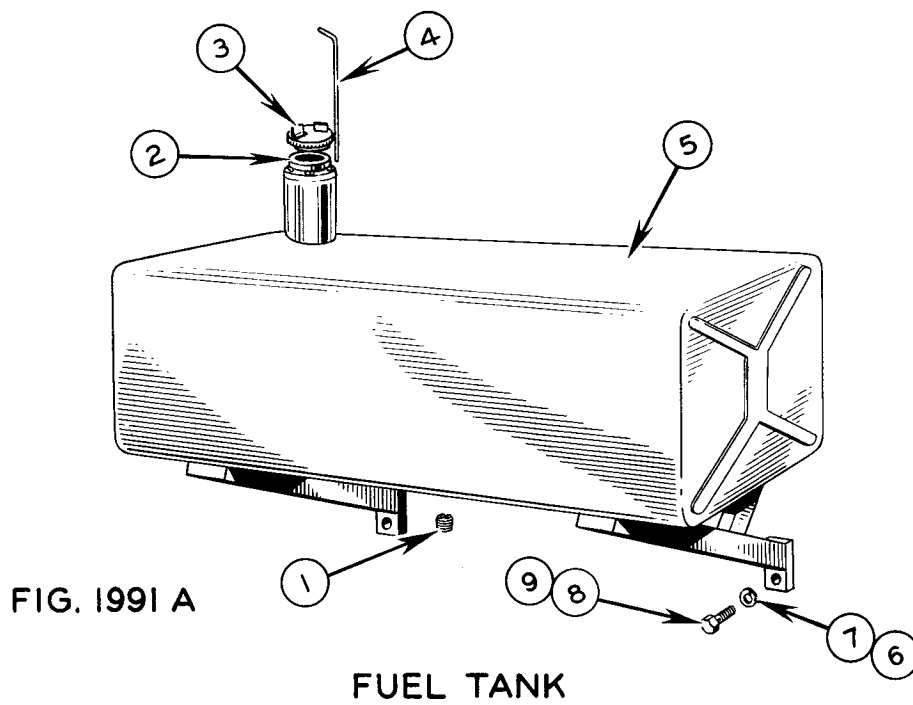


FIGURE 1991A

FUEL TANK

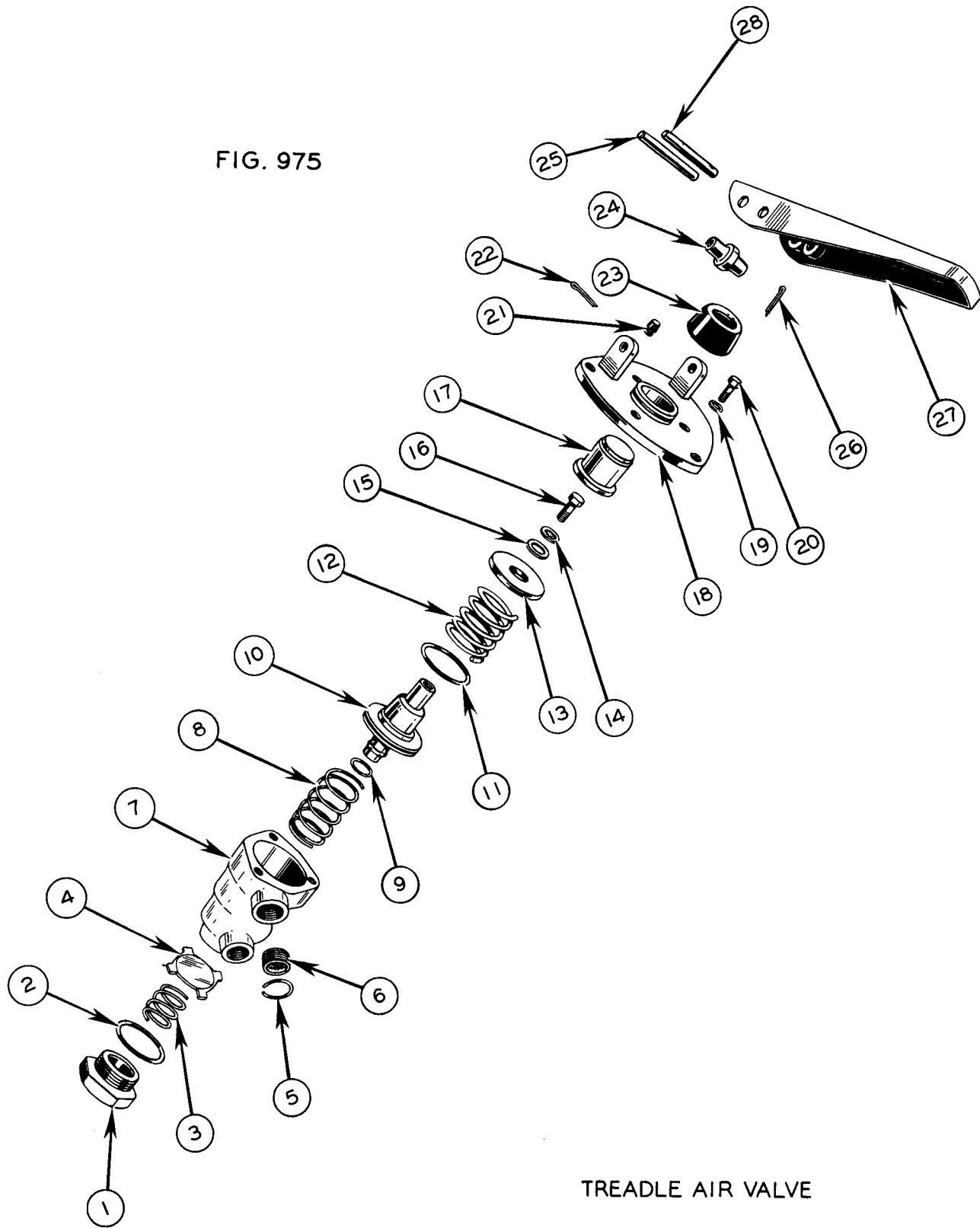
Ref. No.	Part No.	Description	Qty.
1	R-4288	PLUG, PIPE - 1/2"NPT	1
2	TH-9275	FILTER, FUEL	1
3	TH-9286	CAP, FUEL	1
4	DH-4768	GAGE, FUEL BAYONET *	1
	VM-394	GAGE, FUEL BAYONET **	1
5	DL-7741	TANK, FUEL *	1
	VM-392	TANK, FUEL **	1
6	C-1542	WASHER, LOCK - 3/4"	2
7	C-1544	WASHER, LOCK - 1"	2
8	C-7645	SCREW, CAP - 3/4" - 10NC x 1 1/2"	2
9	D-1784	SCREW, CAP - 1" - 8NC x 2 1/4"	2
NOTE: * EFFECTIVE THRU SERIAL SUFFIX CPF6-S & CPA6-B. ** EFFECTIVE WITH SERIAL SUFFIX CPF6-T & CPA6-C.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-N & CPA6)			

FIGURE 1991B

BATTERY BOX

1		BATTERY - 12 VOLT	2
2	DH-5055	SPACER, CENTER	2
3	DL-7485	SPACER, END	2
4	SL-6537	BOLTS, HOLD DOWN - 3/8" - 16NC x 10 7/16"	4
5	SV-6693	BLOCK, BATTERY HOLD DOWN	2
6	SV-8001	CHANNEL, RUBBER - CENTER	2
7	SV-6694	CHANNEL, RUBBER - END	2
8	SV-6695	CHANNEL, RUBBER	8
9	SL-6757	BOARD, BATTERY HOLD DOWN	2
10	SL-6533	PLATE, BATTERY HOLD DOWN	2
11	C-1521	NUT - 3/8" - 16NC	9
12	SP-1994	PLATE, CLAMP	1
13	C-312	WASHER, LOCK - 3/8"	1
14	C-1547	WASHER, FLAT - 3/8"	1
15	SH-3568	NUT, WING	3
16	VC-1392	COVER, BATTERY BOX	1
17	VC-3904	PLATE, SIDE	1
18	C-1612	SCREW, CAP - 1/2" - 13NC x 1"	5
19	C-1540	WASHER, LOCK - 1/2"	5
(EFFECTIVE WITH SERIAL SUFFIX CPF6-N & CPA6)			

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	INLET NUT	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	FILTER SCREEN	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	MOUNT PLATE	1
19	SG-1184	LOCKWASHER	3
20	SH-5979	CAPSCREW	3
21	SR-7341	STOP BUTTON	1
22	TD-7181	COTTER PIN - 3/32" x 5/8"	1
23	SR-7333	BOOT	1
24	SR-7335	ROLLER	1
25	TD-7190	TREADLE PIN	1
26	TD-7181	COTTER PIN - 3/32" x 5/8"	1
27	SR-7338	TREADLE	1
28	TD-7189	ROLLER PIN	1
NOT SHOWN & NOT INCLUDED IN ASSEMBLY			
MOUNTING HARDWARE			
	C-1598	CAPSCREW - 5/16" NC x 1	3
	C-1538	LOCKWASHER - 5/16"	3
	C-1520	NUT - 5/16" NC	3
NOTES: SR-8599 PISTON & SPRING ASSEMBLY INCLUDES REF. NOS. 10 & 12 THRU 16.			
SR-7334 TREADLE ASSEMBLY INCLUDES REF. NOS. 24 & 26 THRU 28.			
SV-1325 REPAIR KIT INCLUDES REF. NOS. 2 THRU 4, 8 THRU 16, 21, & 23.			
(EFFECTIVE THRU SERIAL SUFFIX CPF6-N)			

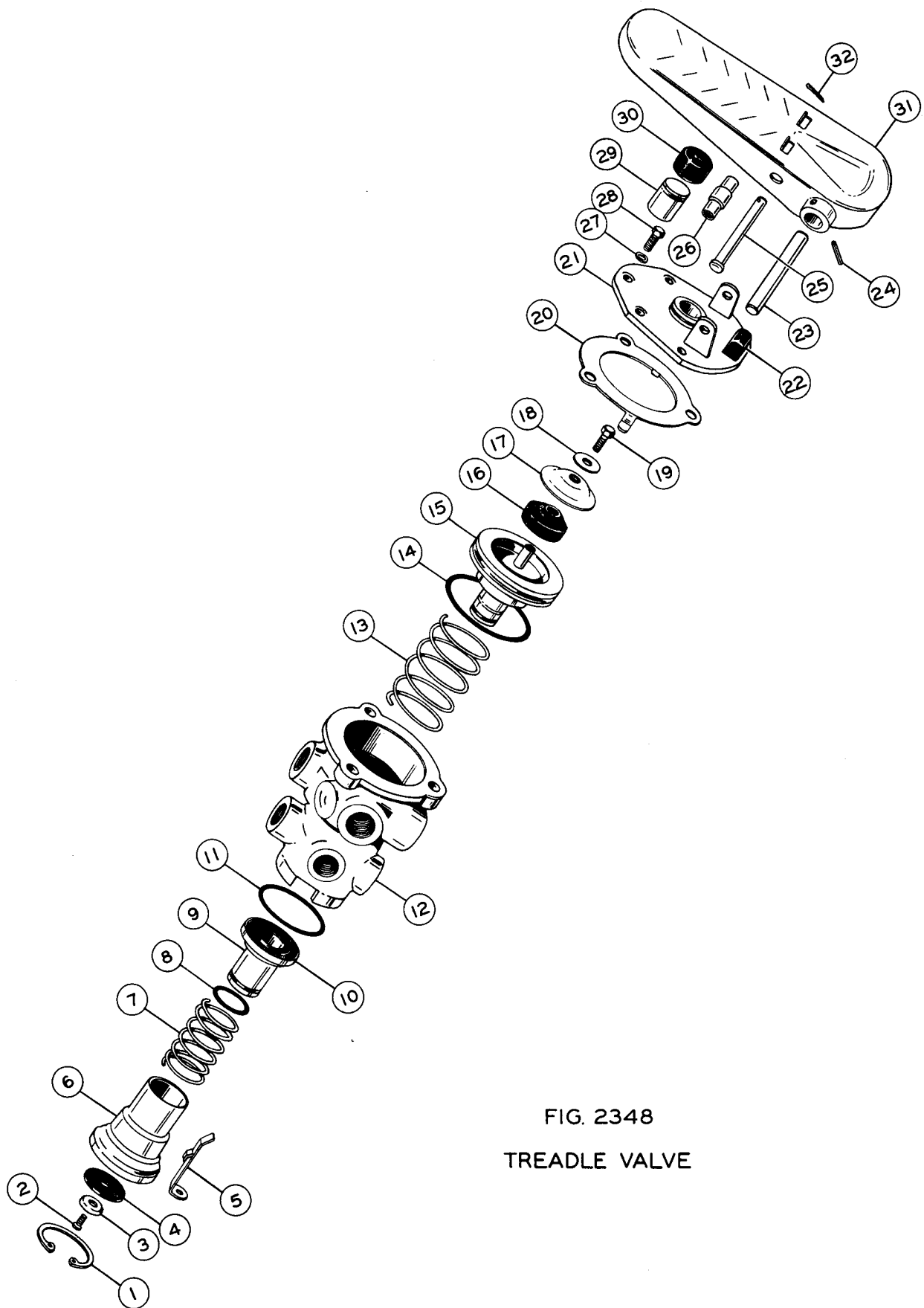


FIG. 2348

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			
	TR-4731	CAPSCREW - 5/16" - 18NC x 1" CAD. PLATED	Mounting 3
	SC-4174	LOCKWASHER - 5/16" - CAD. PLATED	
	TD-1684	NUT - 5/16" - 18NC - CAD. PLATED	Hardware 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 CPF6-R & CPA6)			

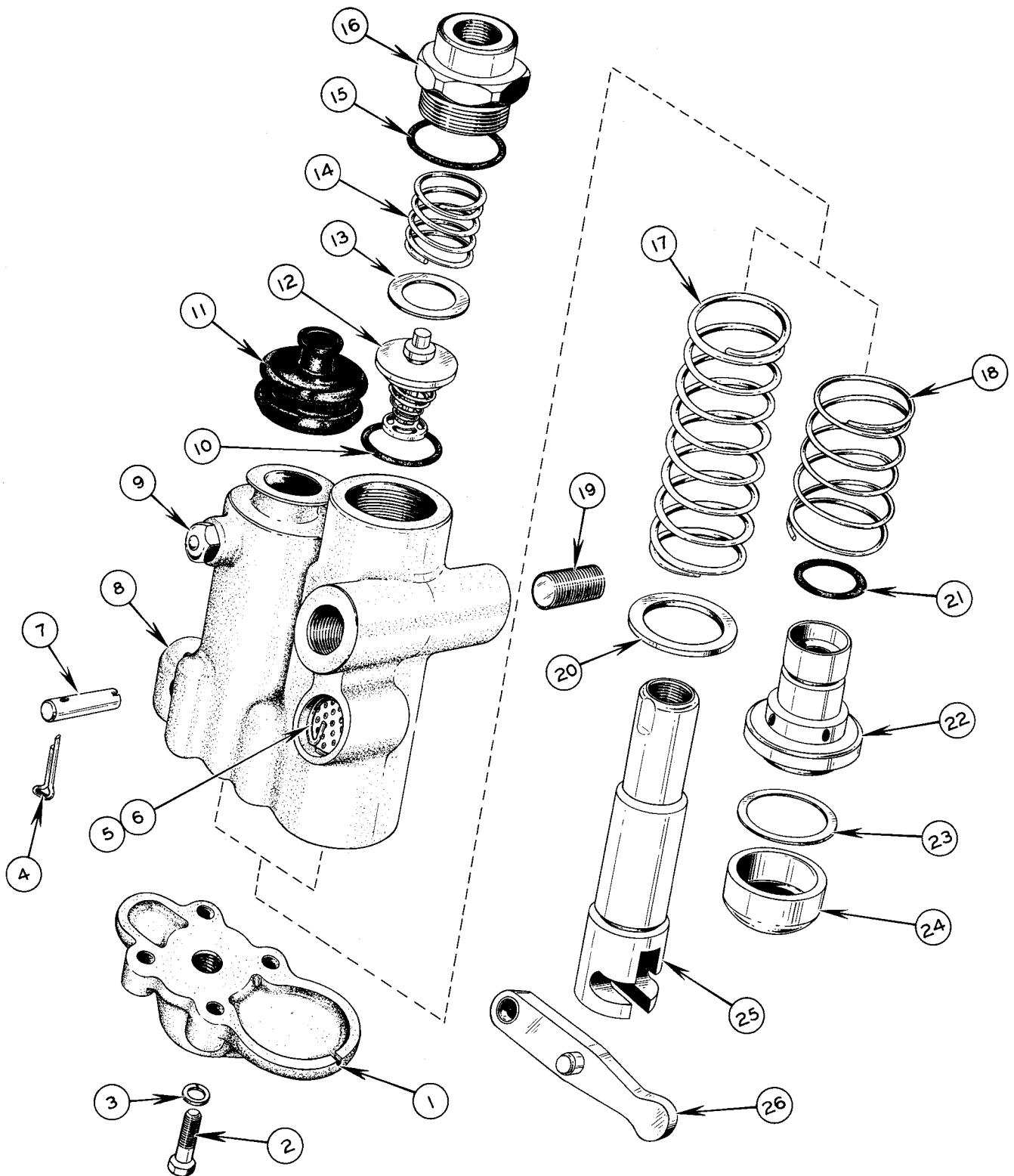


FIG. 944

CLUTCH VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 944

CLUTCH VALVE ASSEMBLY TC-114

Ref. No.	Part No.	Description	Qty.
1	TF-1952	COVER	1
2	TF-1953	CAPSCREW - 5/16" - 18	4
3	SG-1184	LOCKWASHER - 5/16"	4
4	TF-1951	PIN, COTTER	1
5	TF-1957	PLATE, STRAINER	2
6	TF-1954	RING, RETAINER	1
7	TF-1950	PIN, FULCRUM	1
8	TF-1378	BODY COMPLETE	1
		BODY (Not Serviced)	1
	TF-1379	BUSHING, PISTON	1
	SR-1572	GROMMET, PISTON	1
9	TF-1956	OILER, BALL TYPE - 5/16" - 32	1
	TF-1380	OILER, FELT	1
10	TF-1381	GROMMET, INLET VALVE SEAT	1
11	TF-1955	BOOT	1
12	TF-1382	VALVE COMPLETE, INLET & EXHAUST	1
13	TF-1388	WASHER	1
14	SR-1578	SPRING	1
15	SR-6733	GROMMET	1
16	TF-1389	CAP, INLET	1
17	TF-1394	SPRING	1
18	TF-1390	SPRING	1
19	SG-6560	PLUG, PIPE - 1/4"	1
20	TF-1395	WASHER	1
21	SV-4356	GROMMET	1
22	TF-1391	PISTON	1
23	TF-1392	SHIM	AR
24	TF-1393	SEAT, SPRING	1
25	TF-1396	ROD, PULL	1
26	TF-1397	LEVER COMPLETE	1
		LEVER (Not Serviced)	1
	TF-1398	PIN, LEVER	1
	TF-1399	BUSHING	1
Effective thru Serial Suffix CPF6-D.			
(USED WITH CLUTCH LINKAGE)			

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2000A

QUICK RELEASE VALVE HD-3675 (B.W.#205000)

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SP-1898	Diaphragm	1	3	SP-1896	Spring	1
2	SP-1894	Seat, Spring	1	4	SP-1897	Cover	1
(Used With Wheel Brakes)							

FIGURE 2000B

QUICK RELEASE VALVE TR-5274 (B.W.#229813)

1	TV-39 TV-40	Body(Not Serviced Separately) ...	1	4	TV-38	Cover	1
2		Gasket	1	5	TV-41	Capscrew, Socket Head	1
3		Diaphragm	1				
(Used With Wheel Brakes)							

FIGURE 2000C

ROTOCHAMBER ASSEMBLY TD-5140
TG-8944 *

1	C-5781	Nut-1/4"-28nf	7	10	TC-1944	Cover *	1
	C-9656	Nut-5/16"-24nf *	4	11	TC-1948	Boot	1
2	C-5774	Lockwasher - 1/4".....(*Qty.4) .	7	12	SV-4361	Nut - 1/2" - 20nf	1
	CC-6807	Lockwasher, Thin - 1/4"*	4		SV-7496	Yoke Assembly	1
3	TC-4100	Body	1		TL-4916	Yoke Assembly *	1
	TC-1938	Body*	1		SV-7497	Pin, Yoke	1
4	TC-4105	Clamp, Diaphragm - Outer ...	1		C-2303	Pin, Cotter - 1/8" x 1"	1
	TC-1942	Clamp, Diaphragm - Outer * ...	1	13	SV-4360	Nut-7/16"-20nf	2
5	TC-4101	Clamp, Diaphragm - Inner ...	1	14	TC-1929	Lockwasher - 7/16"	2
	TC-1939	Clamp, Diaphragm - Inner * ...	1	15	TC-1945	Stud - 7/16"-20nf x 2"	2
6	TC-1949	Diaphragm	1	16	TF-235	Rod, Push	1
	TR-4893	Diaphragm *	1		TR-4894	Rod, Push *	1
7	TC-4102	Guide, Diaphragm	1	17	SV-1333	Capscrew-5/16"-24nf x 5/8" .	4
	TC-1940	Guide, Diaphragm *	1	18	H-6028	Lockwasher, Thin-5/16" ..(*Qty.8)	4
8	TC-4107	Spring	1	19	TC-4106	Bolt - 1/4"-28nf x 9/16"	4
	TC-1943	Spring *	1		SV-1326	Bolt-5/16"-24nf x 9/16"	4
9	TC-4108	Cover	1	20	SV-1327	Bolt-1/4"-28nf x 7/8"-(*Qty.4) ..	3
* Effective with Serial Suffix CPF6-J. (Used With Clutch Linkage)							

FIGURE 2000D

UNLOADER VALVE SP-2442

1	TL-4906	Body	1	6	SL-2897	Plunger	1
2	SL-2892	Shim	AR	7	SP-3259	Spring	1
3	SL-2889	Ball	1	8	SL-2896	Screw, Adjusting	1
4	TL-4904	Sleeve	1	9	SL-2890	Nut	1
5	SL-2895	Collar	1				
PRESSURE SETTING 130-145 PSI (Used With Air Compressor)							

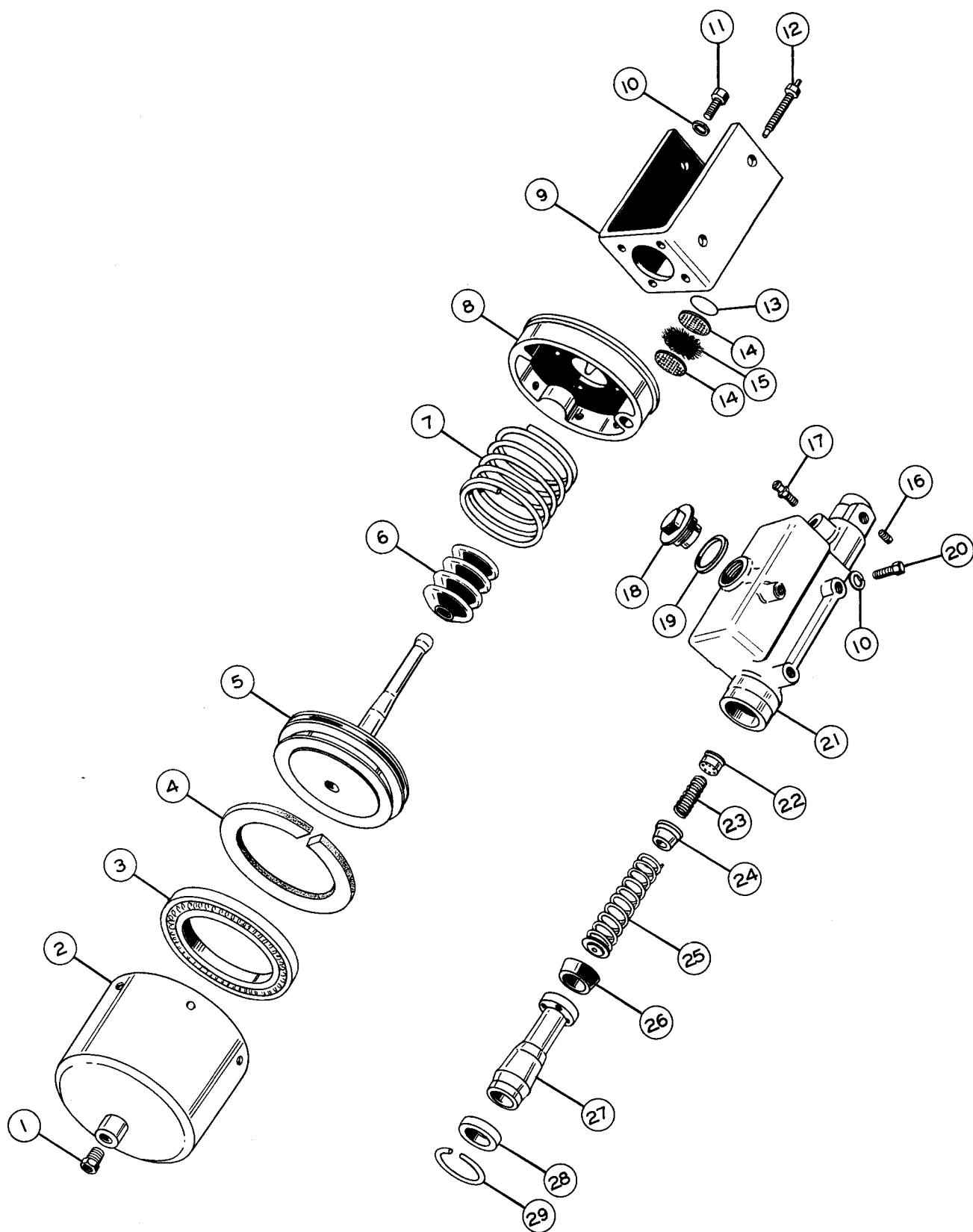


FIG. 2518
BRAKE CYLINDER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2518

BRAKE CYLINDER - R-5043

Ref. No.	Part No.	Description	Qty.
1	CC-6123	BUSHING, REDUCING	1
2	SD-2785	CYLINDER & INLET	1
3	SD-2789	SEAL	1
4	SD-2788	SEAL, FELT	1
5	SD-2790	PISTON & ROD	1
6	SD-2792	BOOT	1
7	SD-2787	SPRING	1
8	SD-2781	HEAD	1
9	SD-2795	BRACKET	1
10	C-312	LOCKWASHER - 3/8"	7
11	C-5800	CAPSCREW - 3/8" - 24nf x 1"	7
12	SD-2786	INDICATOR, STROKE	1
13	SD-2784	WIRE, SCREEN RETAINER	1
14	SD-2783	SCREEN	2
15	SD-2782	FILTER	1
16	C-5768	PLUG, PIPE - 1/8"	1
17	H-8449	BLEEDER	1
18	SD-2900	PLUG, FILLER	1
19	SD-2799	GASKET, FILLER PLUG	1
20	SD-2910	CAPSCREW - 7/16" - 20nf x 7/8"	3
21	SD-2798	BODY	1
22	SD-2903	VALVE ASSEMBLY, CHECK	1
23	SD-2904	SPRING, VALVE RETURN	1
24	SD-2902	RETAINER, VALVE RETURN SPRING	1
25	SD-2905	SPRING, PISTON RETURN	1
26	H-8604	CUP	1
27	SD-2907	PISTON	1
28	SD-2908	WASHER, PISTON STOP	1
29	SD-2909	WIRE, PISTON STOP	1
(EFFECTIVE WITH SERIAL SUFFIX CPA6-B & CPF6-S)			

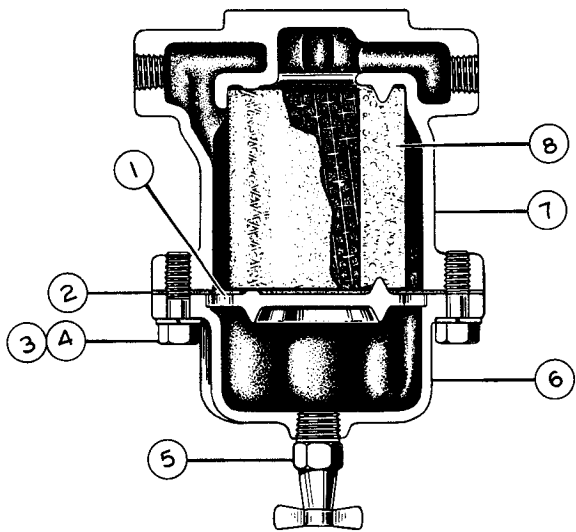


FIG. 2400 A
AIR FILTER

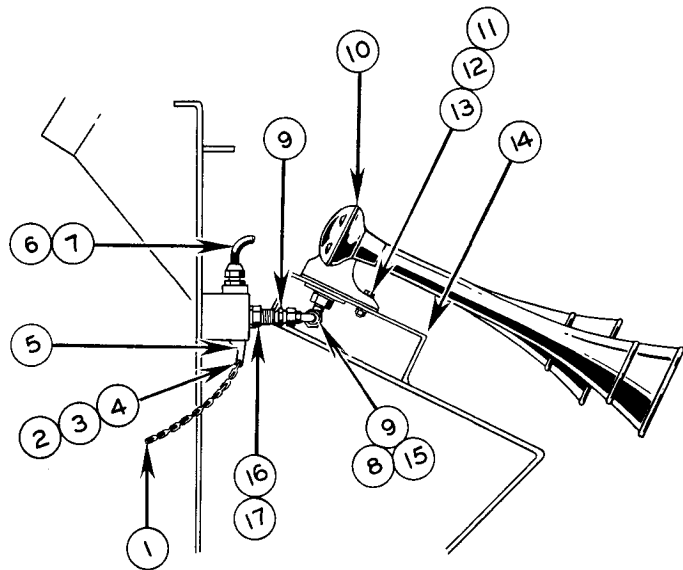


FIG. 2400 B
AIR HORN

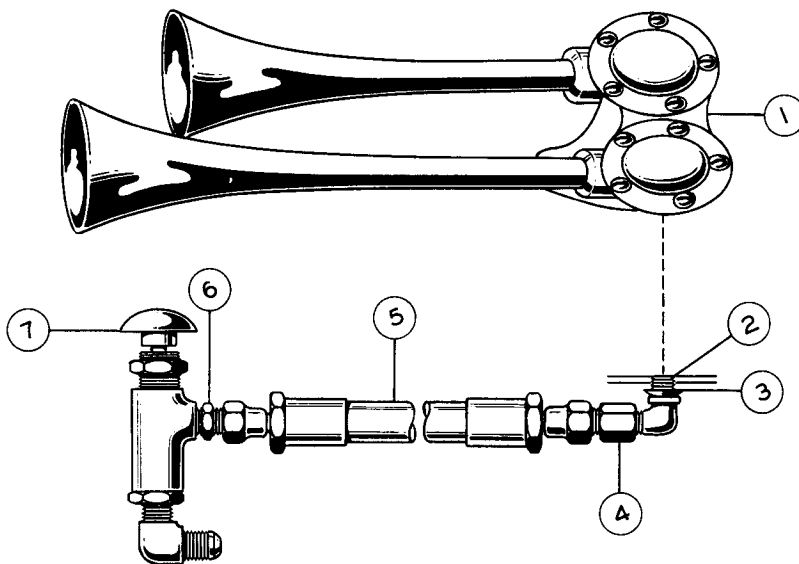


FIG. 2400 C
AIR HORN

FIGURE 2400A

AIR LINE FILTER - TG-480

Ref. No.	Part No.	Description	Qty.
1	SH-5981	SUPPORT, STRAINER	1
2	SH-5985	GASKET	1
3	SH-5979	SCREW, CAP - 5/16" - 18NC x 1"	4
4	C-1538	WASHER, LOCK - 5/16"	4
5	HC-1851	COCK, DRAIN	1
6	SH-5984	COVER	1
7	TH-4545	BODY	1
8	SH-5982	ELEMENT, FILTER	1

FIGURE 2400B

AIR HORN - DL-2411* DL-5718** VC-1386 ***

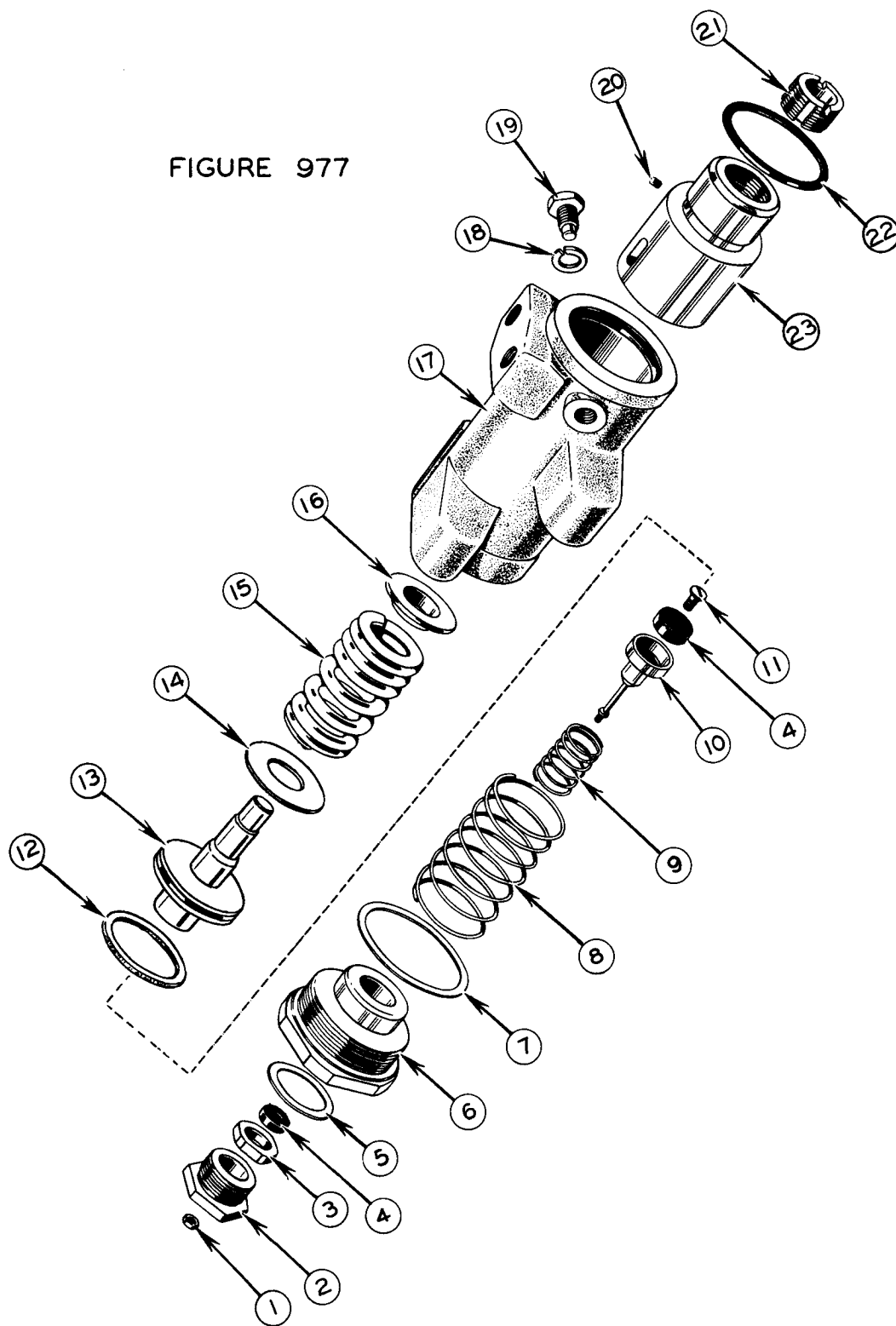
1	DD-9849	CHAIN	1
2	HD-1538	SCREW, MACHINE - #6-32NC x 1/2"	1
3	HE-5125	WASHER, LOCK - #6	1
4	DD-2468	NUT - #6 - 32NC	1
5	SV-4955	VALVE	1
6	TC-1088	TUBE *	1
	TH-8739	TUBE **/**	1
7	CC-6124	ELBOW	1
8	TF-4416	HOSE - 1/4" x 13"	1
9	TD-9746	ADAPTOR	1
10	SV-3346	HORN, AIR */**	1
	TL-1520	HORN, AIR ***	1
	TR-2434	GASKET, HORN ***	1
	TR-2435	WASHER, TENSION ***	1
11	C-1598	SCREW, CAP - 5/16" - 18NC x 1"	1
12	C-1538	WASHER, LOCK - 5/16"	1
13	C-1520	NUT - 5/16" - 18NC	1
14	TC-1086	BRACKET	1
15	R-900	ELL, STREET - 1/8" x 90° */**	1
	TR-2436	STEM, MOUNTING ***	1
	C-1231	COUPLING - 1/8"NPT ***	1
16	C-1541	WASHER, LOCK - 5/8"	1
17	C-1526	NUT - 5/8" - 18NF	1
* EFFECTIVE THRU SERIAL SUFFIX CPF6-C.			
** EFFECTIVE WITH SERIAL SUFFIX CPF6-D THRU CPF6-N.			
*** EFFECTIVE WITH SERIAL SUFFIX CPF6-N.			
(EFFECTIVE THRU SERIAL SUFFIX CPF6-N)			

FIGURE 2400C

AIR HORN

1	TL-1520	HORN ASSEMBLY	1
	VS-225	DIAPHRAGM	1
	VS-226	GASKET	1
	TR-2534	GASKET, MOUNT	1
	C-1598	SCREW, CAP - 5/16" - 18NC x 1"	1
	C-1538	WASHER, LOCK - 5/16"	1
	C-1520	NUT - 5/16" - 18NC	1
2	TR-2436	STEM, MOUNT	1
3	TR-2435	WASHER, STEM	1
4	C-1231	COUPLING, PIPE	1
5	TF-4139	HOSE ASSEMBLY - 1/4" x 39"	1
6	TD-9718	ADAPTOR - 1/8"NPT x 1/2" - 20NF	1
7	SV-9125	VALVE, HORN	1
NOTE: VD-9833 TWIN AIR HORN GROUP INCLUDES REF. NOS. 1 THRU 4			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-R & CPA6)			

FIGURE 977



AIR VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 977

SCRAPER HOIST VALVE ASSEMBLY DD-1155

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, MACHINE - #6-32 x 5/16"	1
12	SV-4729	CUP	1
13	SV-4728	PISTON	1
14	SD-6282	WASHER	1
15	SD-6280	SPRING	1
16	SD-6281	RETAINER	1
17	SD-5444	HOUSING	1
18	CD-296	LOCKWASHER - 5/16"	2
19	SD-6287	PIN	2
20	SD-6289	SETSCREW	2
21	SD-6290	GUIDE	1
22	SD-6288	"O" RING	1
23	SD-6279	CAM	1
NOTE: SV-6830 REPAIR KIT INCLUDES REF. NOS. 3 THRU 5, 7, 10, 12, 13 & 23.			

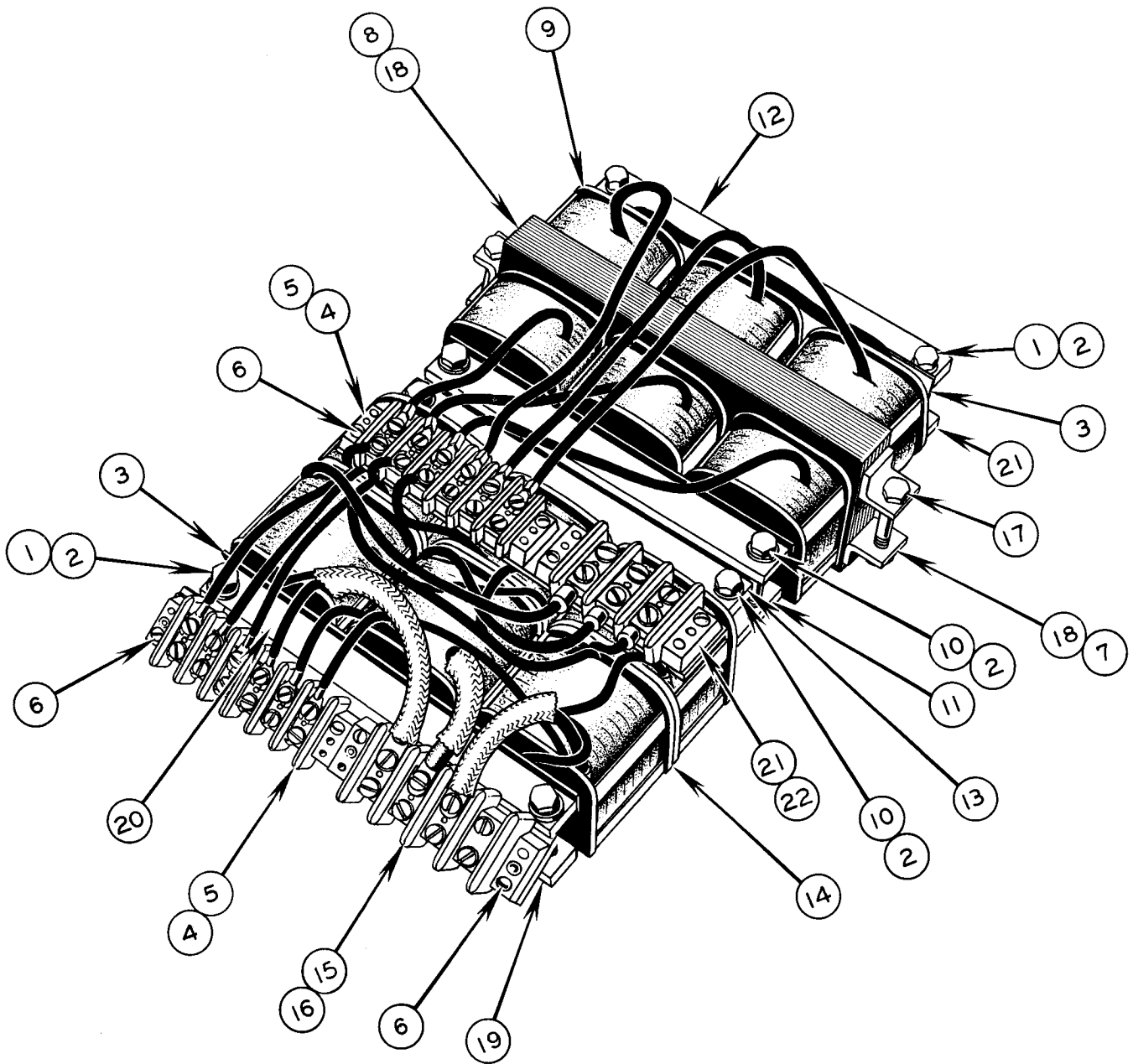


FIG. 663

TRANSFORMER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 663

TRANSFORMER ASSEMBLY SV-5550

Ref. No.	Part No.	Description	Qty.
1	SR-6210	CAPSCREW - 3/8" NC x 3 3/4"	4
2	C-312	LOCKWASHER - 3/8"	10
3	DH-9812	INSULATION STRIP	4
4	SV-5577	TERMINAL STRIP	2
5	DH-9472	SPACER	2
6	SC-5252	SCREW, MACHINE - #8-32 x 3/4"	8
7	DH-8036	FLUX BRIDGE - BOTTOM	1
8	SR-6212	FLUX BRIDGE - TOP	1
9	SR-4535	TRANSFORMER ASSY. - MAIN	1
10	C-5614	CAPSCREW - 3/8" NC x 3"	4
11	DF-8540	SPACER	1
12	DF-8541	BAR, LAMINATION - TOP	2
13	SR-4539	MOUNT, TERMINAL	1
14	SR-4544	TRANSFORMER ASSY. - VOLTAGE CONTROL	1
15	SV-5574	TERMINAL STRIP	1
16	DH-9562	SPACER	1
17	SR-2056	CAPSCREW - 3/8" NC x 3"	2
18	DL-117	SHIM - 1/32"	AR
	DH-9811	SHIM - 1/16"	AR
	DH-9560	SHIM - 1/8"	AR
19	DL-2816	BAR, LAMINATION - BOTTOM	4
20	SR-4543	BAR, HOLD DOWN - TERMINAL	1
21	TG-2516	TERMINAL STRIP	1
22	SR-4540	SPACER	1
NOTES: SR-4544 VOLTAGE CONTROL TRANSFORMER ASSY. INCLUDES REF. NOS. 1 THRU 6, 10, 13, 15, 16, 19 THRU 22.			
SR-4535 MAIN TRANSFORMER ASSY. INCLUDES REF. NOS. 1 THRU 3, 7, 8, 10, 12, 17 THRU 19.			

FIG. 1410 A
RECTIFIER

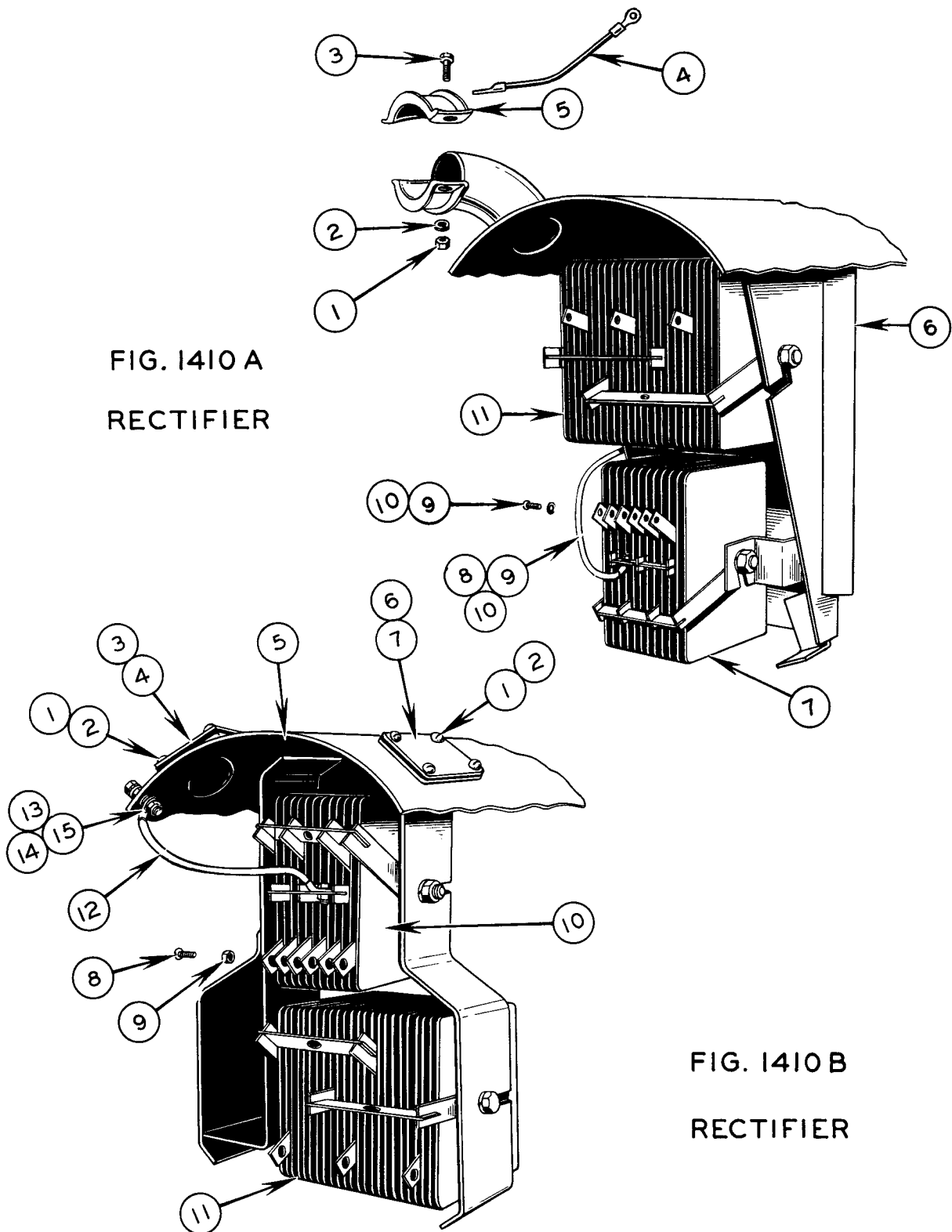


FIG. 1410 B
RECTIFIER

FIGURE 1410A

RECTIFIER HOUSING ASSEMBLY TG-8716

Ref. No.	Part No.	Description	Qty.
1	SF-9144	NUT, JAM - 1/4" - 20NC	3
2	SD-316	WASHER, LOCK - 1/4"	2
3	C-7588	SCREW, CAP - 1/4" - 20NC x 1"	2
4	DL-4491	WIRE, GROUND	1
5	DF-1310	GROMMET, CABLE	1
6	TF-2192	HOUSING, RECTIFIER	1
7	SV-7164	RECTIFIER, MAIN	1
8	DH-6781	WIRE, GROUND	1
9	DG-5485	SCREW, CAP - 1/4" - 20NC x 1/2"	14
10	DH-4690	NUT - 1/4" - 20NC	14
11	TF-6795	RECTIFIER, BOOSTER	1
NOT SHOWN			
	DL-4337	CABLE, RECTIFIER TO TRANSFORMER & D.C. FIELD	1
(EFFECTIVE THRU SERIAL SUFFIX CPF6-B)			

FIGURE 1410B

RECTIFIER HOUSING ASSEMBLY TH-4454
DL-6940* VD-9845***

1	SL-7270	SCREW, MACHINE - 1/4" - 20NC x 5/8"	8
2	DF-1577	NUT - 1/4" - 20NC	8
3	DH-7827	GROMMET, CABLE	1
4	DH-7828	GLAND, PACKING	1
5	TH-4455	HOUSING, RECTIFIER	1
	DL-6938	HOUSING, RECTIFIER *	1
	VG-9481	HOUSING, RECTIFIER & AIR CLEANER ***	1
6	TH-4458	COVER **	1
7	TH-4459	GASKET **	1
8	TD-1548	SCREW, CAP - 1/4" - 20NC x 5/8"	7
	TG-1575	SCREW, CAP - 1/4" - 20NC x 3/8"	6
9	TF-8473	NUT, FLEXLOCK - 1/4"NC	13
10	SV-7164	RECTIFIER, MAIN	1
11	TF-8461	RECTIFIER, BOOSTER	1
12	TC-2297	WIRE, GROUND	1
13	TD-1809	SCREW, CAP - 1/4" - 20NC x 3/4" *	1
14	SD-5020	WASHER, LOCK - EXT. - INT. TOOTH - 1/4"	4
15	DD-2464	NUT - 1/4" - 20NC **	2
	TD-1549	NUT - 1/4" - 20NC - CADMIUM PLATED	2
* EFFECTIVE WITH SERIAL SUFFIX CPF6-L THRU CPF6-N. ** EFFECTIVE THRU SERIAL SUFFIX CPF6-N. *** EFFECTIVE WITH SERIAL SUFFIX CPF6-R & CPA6.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-C & CPA6.)			

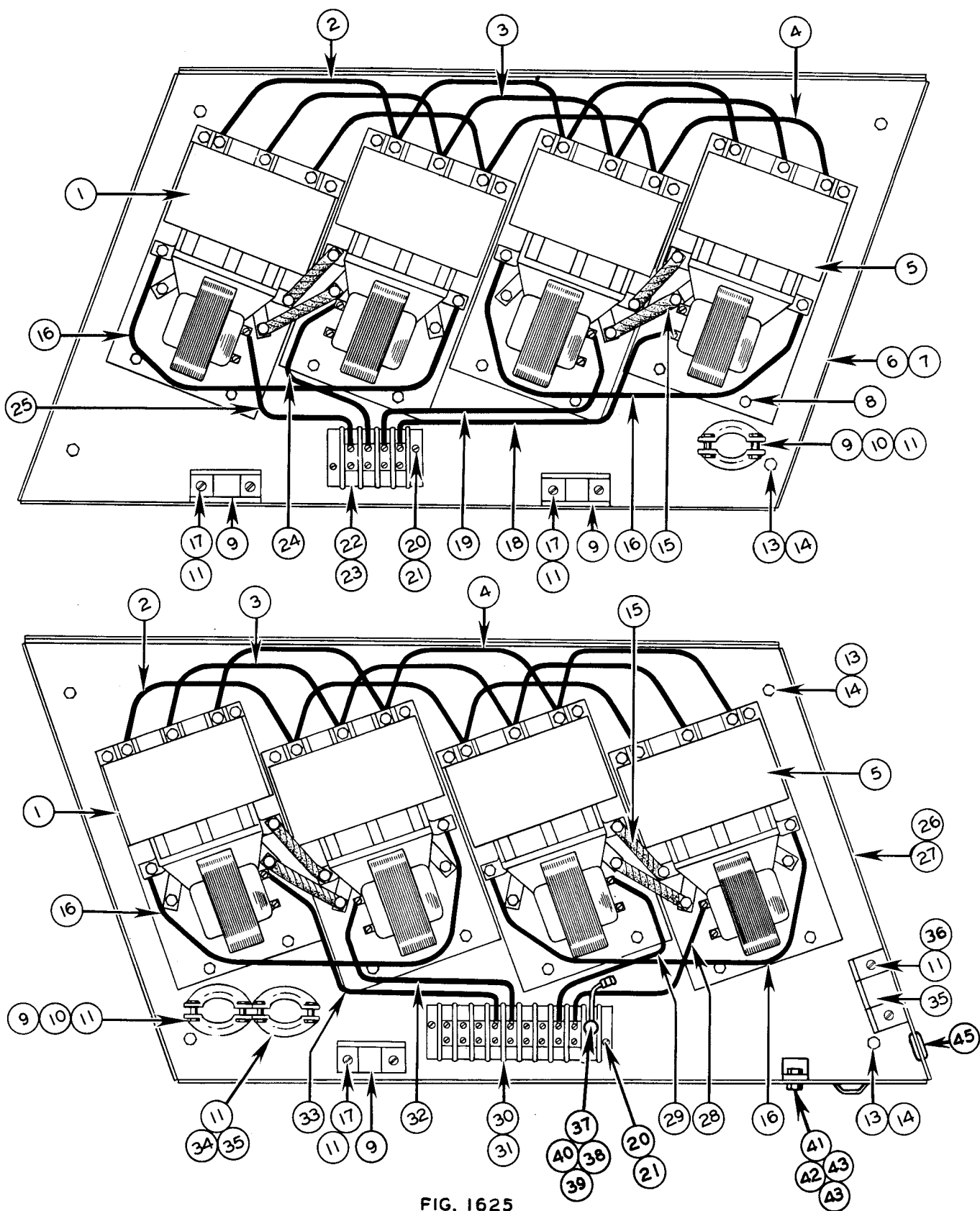


FIG. 1625
LEFT & RIGHT MAIN SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

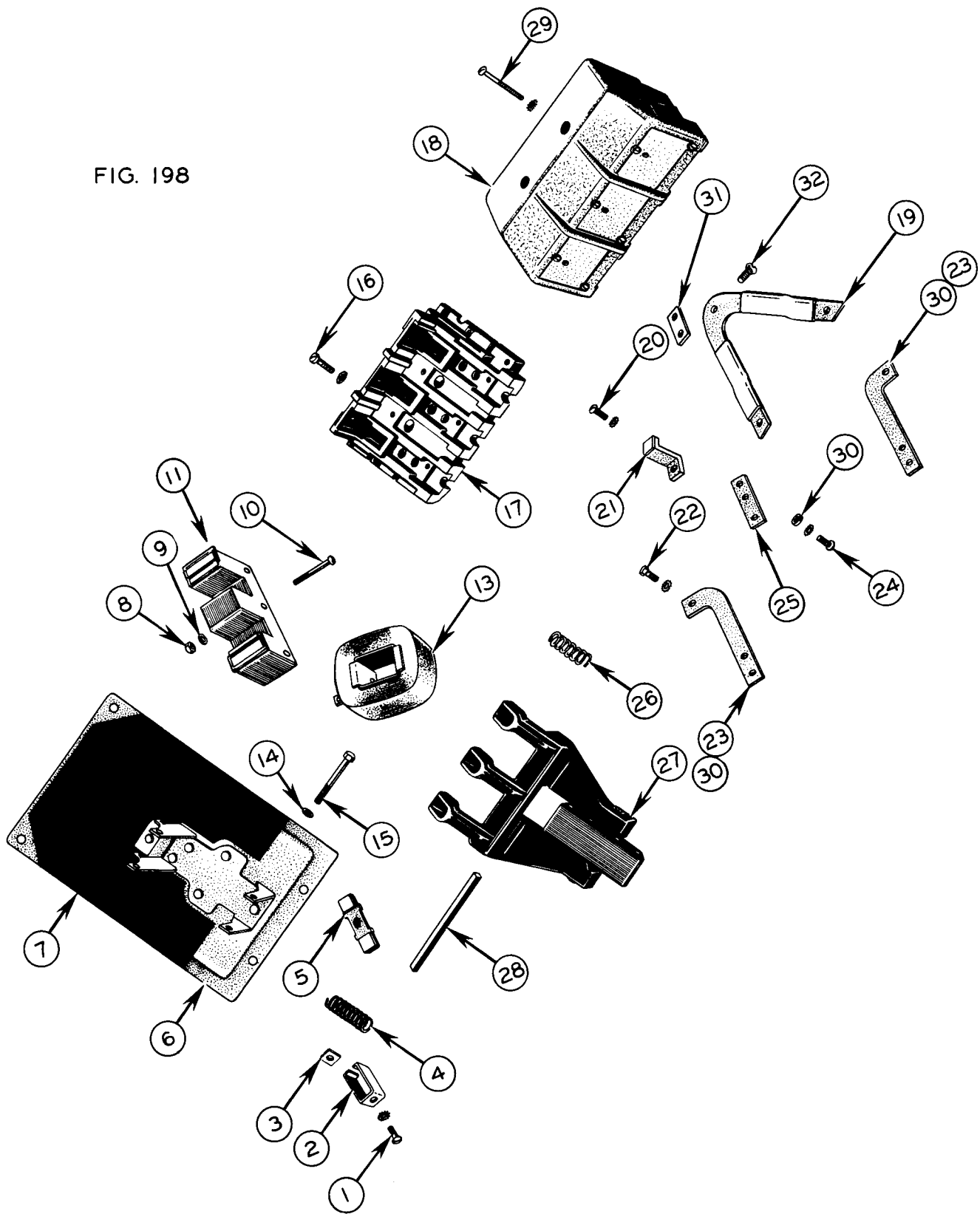
FIGURE 1625

MAIN SWITCH BOX - LEFT & RIGHT

Ref. No.	Part No.	Description	Qty.
1	TC-9535	CONTACTOR - RIGHT HAND (See Index)	4
2	TC-710	WIRE - RED	2
3	TC-709	WIRE - WHITE	2
4	TC-708	WIRE - BLACK	2
5	TC-9536	CONTACTOR - LEFT HAND (See Index)	4
6	SV-6725	BOX - LEFT	1
7	SV-6727	COVER - LEFT	1
8	SR-4042	CAPSCREW - 1/4" NC x 3/8"	32
9	DF-1311	GROMMET	5
10	C-5746	CAPSCREW - 1/4" NC x 3/4"	4
11	DF-1577	NUT, SQUARE - 1/4" NC	14
13	C-1602	CAPSCREW - 3/8" NC x 1"	8
14	C-312	LOCKWASHER - 3/8"	8
15	TH-3760	BUS BAR	8
16	SR-5641	WIRE	4
17	DF-1800	SCREW - 1/4" NC x 3/4"	6
18	DL-832	WIRE - BLACK	1
19	DL-831	WIRE - WHITE	1
20	SC-731	SCREW - #10-24 x 5/8"	4
21	H-2644	NUT - #10-24	4
22	SR-8235	TERMINAL STRIP	1
23	DH-9868	INSULATION STRIP	1
24	DL-827	WIRE - BLACK	1
25	DL-828	WIRE - WHITE	1
26	SV-6724	BOX - RIGHT (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-5989	BOX - RIGHT (EFFECTIVE WITH SERIAL SUFFIX CPF6-E & CPA6)	1
27	SV-6726	COVER - RIGHT	1
28	DL-827	WIRE - BLACK (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-6569	WIRE - BLACK (EFFECTIVE WITH SERIAL SUFFIX CPF6-E) & CPA6)	1
29	DL-828	WIRE - WHITE (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-6570	WIRE - WHITE (EFFECTIVE WITH SERIAL SUFFIX CPF6-E) & CPA6)	1
30	SR-8237	TERMINAL	1
31	DL-441	INSULATION STRIP	1
32	SV-844	WIRE - BLACK (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-6571	WIRE - BLACK (EFFECTIVE WITH SERIAL SUFFIX CPF6-E) & CPA6)	1
33	SV-845	WIRE - WHITE (EFFECTIVE THRU SERIAL SUFFIX CPF6-D)	1
	DL-6572	WIRE - WHITE (EFFECTIVE WITH SERIAL SUFFIX CPF6-E) & CPA6)	1
34	C-7588	CAPSCREW - 1/4" NC x 1"	2
35	DF-1310	GROMMET	2
36	C-7588	CAPSCREW - 1/4" NC x 1"	2
37	SD-5372	SCREW - #8-32 x 1 1/2"	1
38	HD-8578	WASHER - #8	1
39	TG-1337	MICA WASHER	1
40	DL-4176	RESISTOR	1
41	DF-1870	CLAMP	1
42	H-8136	CAPSCREW - 1/4" NC x 1/2"	1
43	C-5780	NUT - 1/4"	1
44	C-5774	LOCKWASHER - 1/4"	1
45	SG-2103	GROMMET, RUBBER	1

(NOTE: QUANTITIES ARE FOR RIGHT & LEFT)

FIG. 198



CONTACTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 198

CONTACTOR TC-9535 RIGHT HAND
TC-9536 LEFT HAND

Ref. No.	Part No.	Description	Qty.
1	DF-4713	SCREW & LOCKWASHER - #10-32 x 1/2"	3
2	DF-2729	CONTACT HOLDER	3
3	DG-6051	SHIM	AR
4	DF-2730	SPRING	3
5	DD-4983	CONTACT POINT, MOVING	3
6	SR-4030	BASE PLATE	1
7	SR-4031	INSULATING SHEET	1
8	SF-2755	NUT - #10-32	1
9	DF-2969	LOCKWASHER - #10	1
10	DF-4715	SCREW - #10-32 x 1 3/4"	1
11	DG-6090	MAGNET	1
13	DC-9938	COIL	1
14	DC-3584	LOCKWASHER - 1/4"	2
15	DF-2966	CAPSCREW - 1/4"NF x 1 3/4"	2
16	SR-4028	SCREW - 1/4"NC x 7/8"	2
17	SR-4502	CONTACTOR BASE	1
18	SR-4006	ARC SNUFFER	1
	SV-2871	VENT PLATE, INSIDE	3
	SV-2869	VENT PLATE, OUTSIDE	3
	SV-5597	SCREW	6
19	SV-3015	TERMINAL MOUNT BAR, CENTER	1
20	SR-4032	SCREW - 1/4"NC x 3/8"	6
21	DD-4980	CONTACT POINT, STATIONARY	6
22	SR-4042	CAPSCREW & LOCKWASHER - 1/4"NC x 1/2"	6
23	SR-4009	TERMINAL MOUNT BAR, OUTER	2
24	DF-4714	SCREW & LOCKWASHER - 1/4"NC x 1/2"	5
25	SR-4015	TERMINAL MOUNT BAR, 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 & WASHER - 1/4"NC x 3/4"	1
NOT SHOWN			
	DF-2731	TERMINAL CLIP	6
	TC-9965	JUMPER WIRE	1
	TC-9967	JUMPER WIRE	1
(QUANTITIES ARE FOR ONE CONTACTOR)			

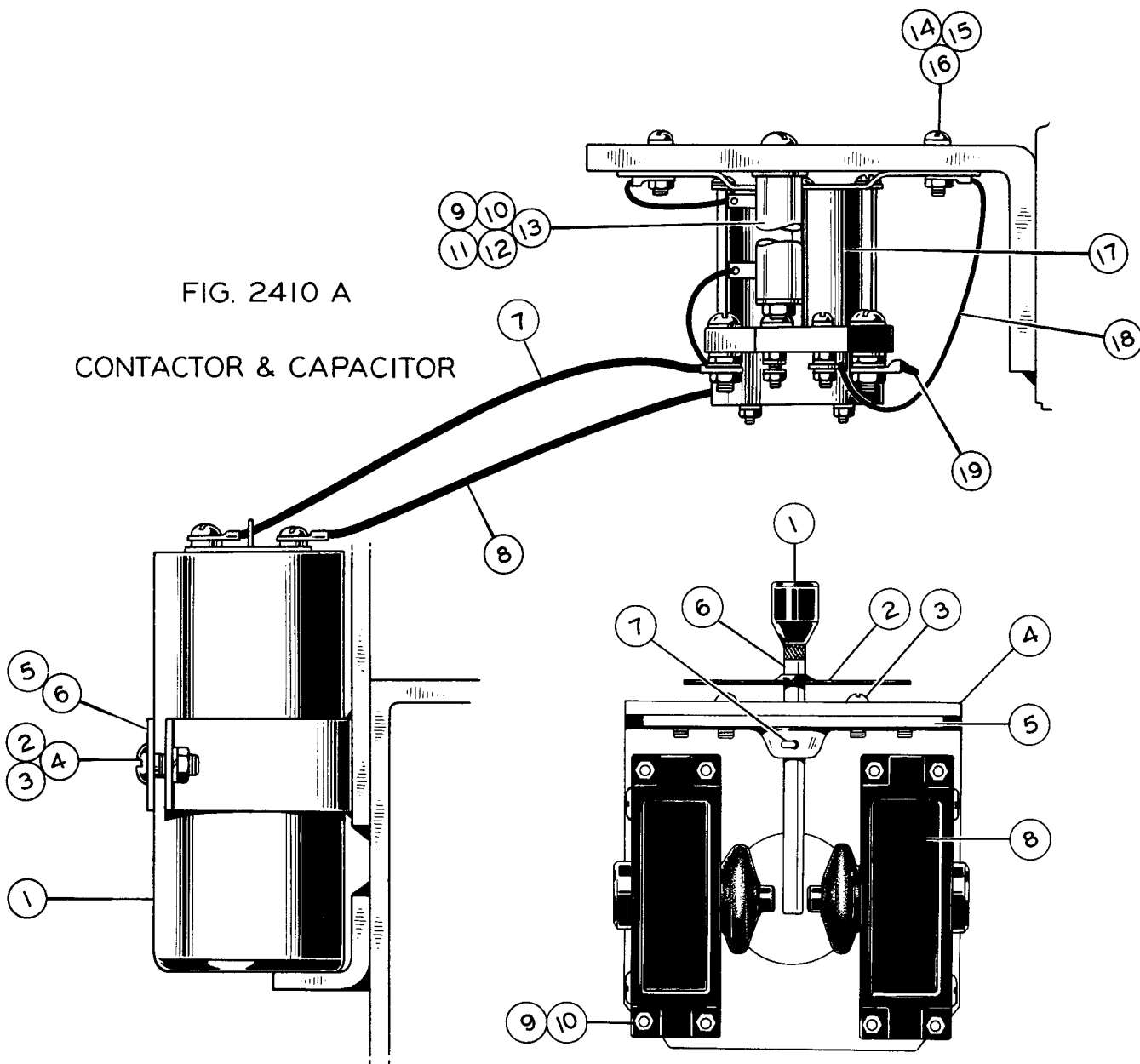


FIG. 2410 B
CONTROL SWITCH

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2410A

CONTACTOR & CAPACITOR

Ref. No.	Part No.	Description	Qty.
1	DH-951	CAPACITOR	1
2	DC-5004	SCREW - #12-24 NC x 1/2"	2
3	DC-5002	LOCKWASHER - #12	2
4	SF-9857	NUT - #12-24NC	2
5	DL-4214	BAR, CLAMP	1
6	SL-8936	GROMMET	1
7	DL-4179	WIRE	1
8	DL-4178	WIRE	1
9	DL-4182	RESISTOR - 50 OHM	1
10	DH-8813	INSULATOR	2
11	HE-4588	SCREW - #10-32NF x 3"	1
12	DF-3445	WASHER - #12	1
13	SF-2755	NUT - #10-32NF	1
14	SC-731	SCREW - #10-24NC x 5/8"	2
15	H-2643	LOCKWASHER - #10	2
16	H-2644	NUT - #10-24NC	2
17	TF-6760	CONTACTOR -50 AMP.	1
18	DL-7027	WIRE, JUMPER	1
19	TF-5748	CABLE	1

FIGURE 2410B

CONTROL SWITCH ASSEMBLY TC-5004

1	DC-3591	TIP, RUBBER	1
2	DF-2402	GASKET	1
3	DC-5004	SCREW - #12-24NC x 1/2" - ROUND HEAD	2
4	TC-5003	BASE, MOUNT	1
	TC-5002	STEM & END PLATE	1
5	TC-5001	PLATE, END	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)			

WIRING

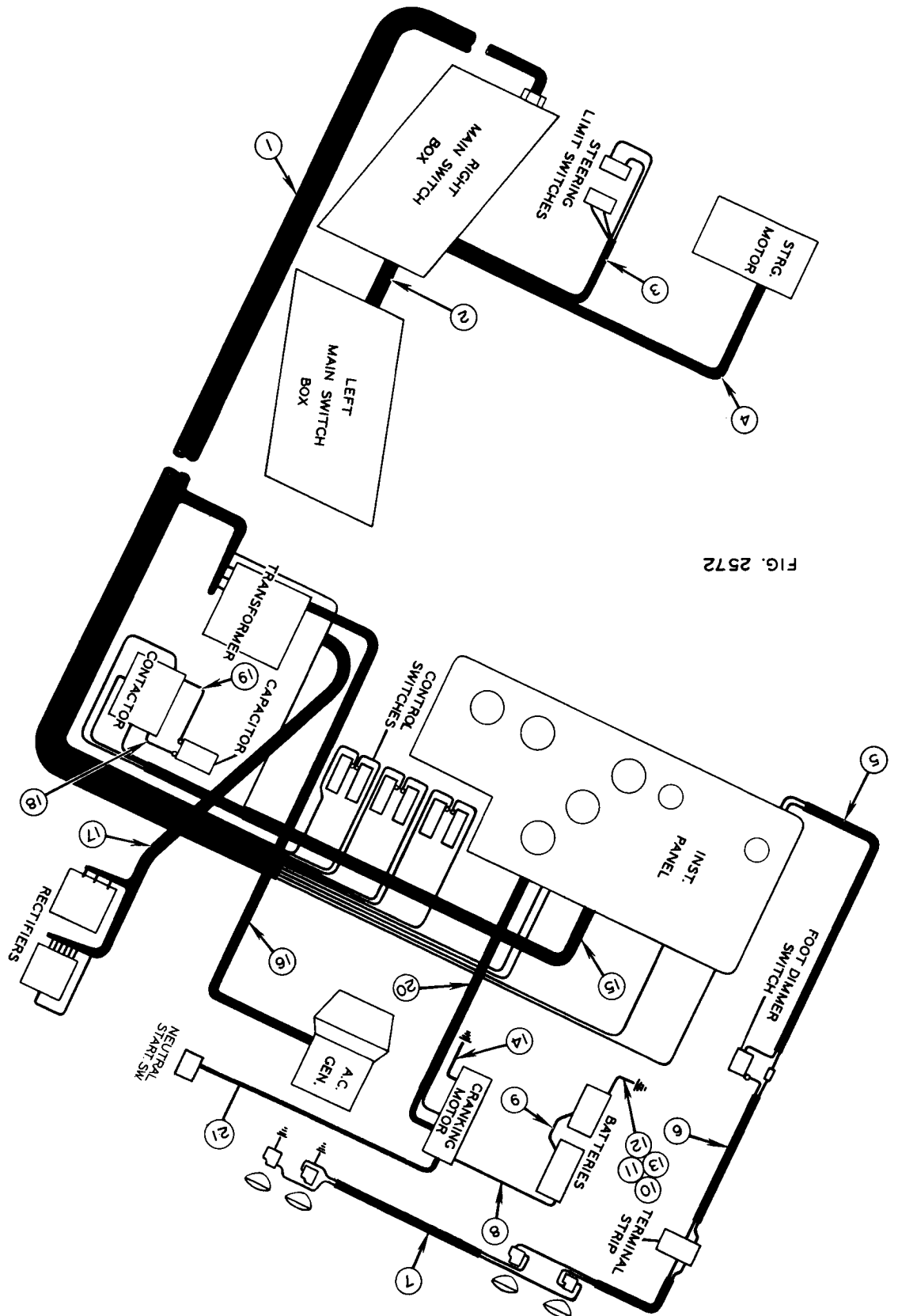


FIG. 2572

FIGURE 2572

WIRING

Ref. No.	Part No.	Description	Qty.
1	DL-4298	CABLE - R.H. SWITCH BOX TO COCKPIT **	1
	VF-2177	CABLE - R.H. SWITCH BOX TO COCKPIT ***/#	1
2	DL-791	CABLE - RIGHT TO LEFT SWITCH BOXES	1
3	TD-7528	CABLE - FOR STEERING LIMIT SWITCHES	1
	DL-6465	CABLE - FOR STEERING LIMIT SWITCHES */#	1
4	DL-4177	CABLE - SWITCH BOX TO STEERING MOTOR	1
	DL-6664	CABLE - SWITCH BOX TO STEERING MOTOR */#	1
5	DL-4339	CABLE - HEADLIGHT SWITCH TO DIMMER SWITCH	1
6	DL-4341	CABLE - DIMMER SWITCH TO TERMINAL STRIP	1
7	DL-4299	CABLE - FOR HEADLIGHTS	1
8	DH-5183	CABLE - BATTERY TO CRANKING MOTOR SOLENOID	1
9	DH-5181	CABLE - JUMPER	1
10	DH-5182	CABLE - BATTERY TO GROUND	1
11	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	1
12	C-312	WASHER, LOCK - 3/8"	1
13	C-1521	NUT - 3/8" - 16NC	1
14	HD-8369	CABLE - CRANKING MOTOR GROUND	1
15	DL-4292	CABLE - INSTRUMENT PANEL TO DC BREAKER **	1
	VF-2175	CABLE - INSTRUMENT PANEL TO DC BREAKER ***/#	1
16	DL-4357	CABLE - GENERATOR TO TRANSFORMER	1
17	DL-4337	CABLE - RECTIFIERS TO TRANSFORMER & D.C. FIELD BREAKER **	1
	DL-5477	CABLE - RECTIFIERS TO TRANSFORMER & D.C. FIELD BREAKER ***/#	1
18	DL-4178	CABLE - CAPACITOR TO D.C. FIELD BREAKER	1
19	DL-4179	CABLE - CAPACITOR TO D.C. FIELD BREAKER	1
20	DL-4345	CABLE - INSTRUMENT PANEL TO ENGINE **	1
	VF-2184	CABLE - INSTRUMENT PANEL TO ENGINE ***/#	1
	VH-6356	CABLE - INSTRUMENT PANEL TO ENGINE #	1
21	VH-6352	CABLE - STARTER TO NEUTRAL START SWITCH #	1
NOT SHOWN			
	DL-4300	STRIP, COPPER - TRANSFORMER & INSTRUMENT PANEL TERMINAL STRIPS.	10
	DL-4302	STRIP, COPPER - STEERING MOTOR TERMINAL STRIP	3
	DL-621	WIRE - SWITCH BOX TO STEERING MOTOR BRAKE	1
	DL-6663	WIRE - SWITCH BOX TO STEERING MOTOR BRAKE */#	1
NOTE:			
* EFFECTIVE WITH SERIAL SUFFIX CPF6-K.			
** EFFECTIVE THRU SERIAL SUFFIX CPF6-N.			
*** EFFECTIVE WITH SERIAL SUFFIX CPF6-R.			
# EFFECTIVE WITH SERIAL SUFFIX CPA6.			
(EFFECTIVE THRU SERIAL SUFFIX CPA6-B AND CPF6-S.)			

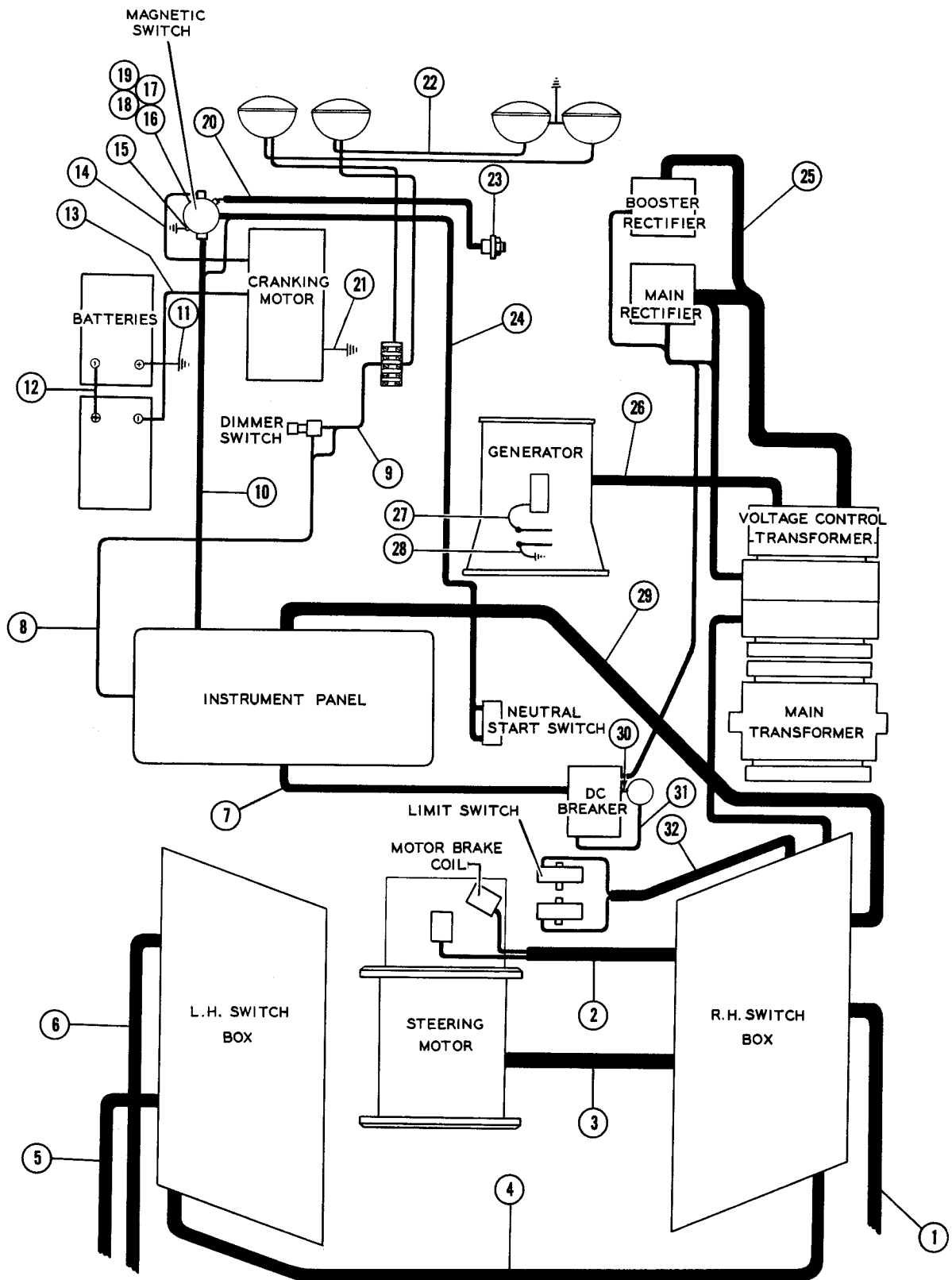


FIG.3223
WIRING- GENERAL

FIGURE 3223

WIRING - GENERAL

Ref. No.	Part No.	Description	Qty.
1	VF-2171	CABLE ASSEMBLY - SWITCH BOX TO SCRAPER TAILGATE MOTOR	1
2	DL-6663	CABLE ASSEMBLY - SWITCH BOX TO STEERING MOTOR	1
3	DL-6664	CABLE ASSEMBLY - SWITCH BOX TO STEERING MOTOR	1
4	DL-791	CABLE ASSEMBLY - R.H. SWITCH BOX TO L.H. SWITCH BOX	1
5	DL-6678	CABLE ASSEMBLY - SWITCH BOX TO APRON MOTOR	1
6	VF-2174	CABLE ASSEMBLY - SWITCH BOX TO HOIST MOTOR	1
7	VF-2175	CABLE ASSEMBLY - INSTRUMENT PANEL TO NEUTRAL START SWITCH	1
8	DL-4339	CABLE ASSEMBLY - INSTRUMENT PANEL TO DIMMER SWITCH	1
9	DL-4341	CABLE ASSEMBLY - DIMMER SWITCH TO TERMINAL BLOCK	1
10	VL-3826	CABLE ASSEMBLY - INSTRUMENT PANEL TO MAGNETIC SWITCH	1
11	DH-5182	CABLE - BATTERY GROUND	1
12	DH-5181	CABLE - BATTERY JUMPER	1
13	DH-5183	CABLE - BATTERY TO CRANKING MOTOR	1
14	VL-3825	CABLE ASSEMBLY - MAGNETIC SWITCH TO CRANKING MOTOR	1
15	VL-3975	WIRE, MAGNETIC SWITCH GROUND	1
16	VL-6217	SWITCH, MAGNETIC	1
17	DC-3584	WASHER, LOCK - 1/4"	2
18	TD-1548	SCREW, CAP - 1/4" - 20NC	2
19	TD-1549	NUT - 1/4" - 20NC	2
20	VL-3824	CABLE ASSEMBLY - MAGNETIC SWITCH TO FUEL PRESSURE SWITCH *	1
	VL-3827	CABLE ASSEMBLY - MAGNETIC SWITCH TO FUEL PRESSURE SWITCH **	1
21	HD-8369	WIRE, GROUND	1
22	DL-4299	CABLE ASSEMBLY - HEADLIGHT	1
23	VL-6215	SWITCH, FUEL PRESSURE	1
24	VL-3823	CABLE ASSEMBLY - MAGNETIC SWITCH TO NEUTRAL START SWITCH *	1
25	DL-5477	CABLE ASSEMBLY - RECTIFIER TO TRANSFORMER	1
26	VF-9562	CABLE ASSEMBLY - GENERATOR TO TRANSFORMER	1
27	DH-2630	WIRE ASSEMBLY - BRUSH HOLDER TO GENERATOR TERMINAL BLOCK	1
28	DH-2629	WIRE, GROUND	1
29	VF-2177	CABLE ASSEMBLY - INSTRUMENT PANEL TO SWITCH BOX	1
30	DL-4178	WIRE ASSEMBLY - DC BREAKER TO CAPACITOR	1
31	DL-4179	WIRE ASSEMBLY - DC BREAKER TO CAPACITOR	1
32	DL-6465	CABLE ASSEMBLY - SWITCH BOX TO STEERING LIMIT SWITCH	1
		NOT SHOWN	
	DL-4300	STRIP, COPPER	11
	DL-4302	STRIP, COPPER	3
		NOTE:	
		* EFFECTIVE WITH SERIAL SUFFIX CPA6-C.	
		** EFFECTIVE WITH SERIAL SUFFIX CPF6-T.	
		(EFFECTIVE WITH SERIAL SUFFIX CPA6-C & CPF6-T)	

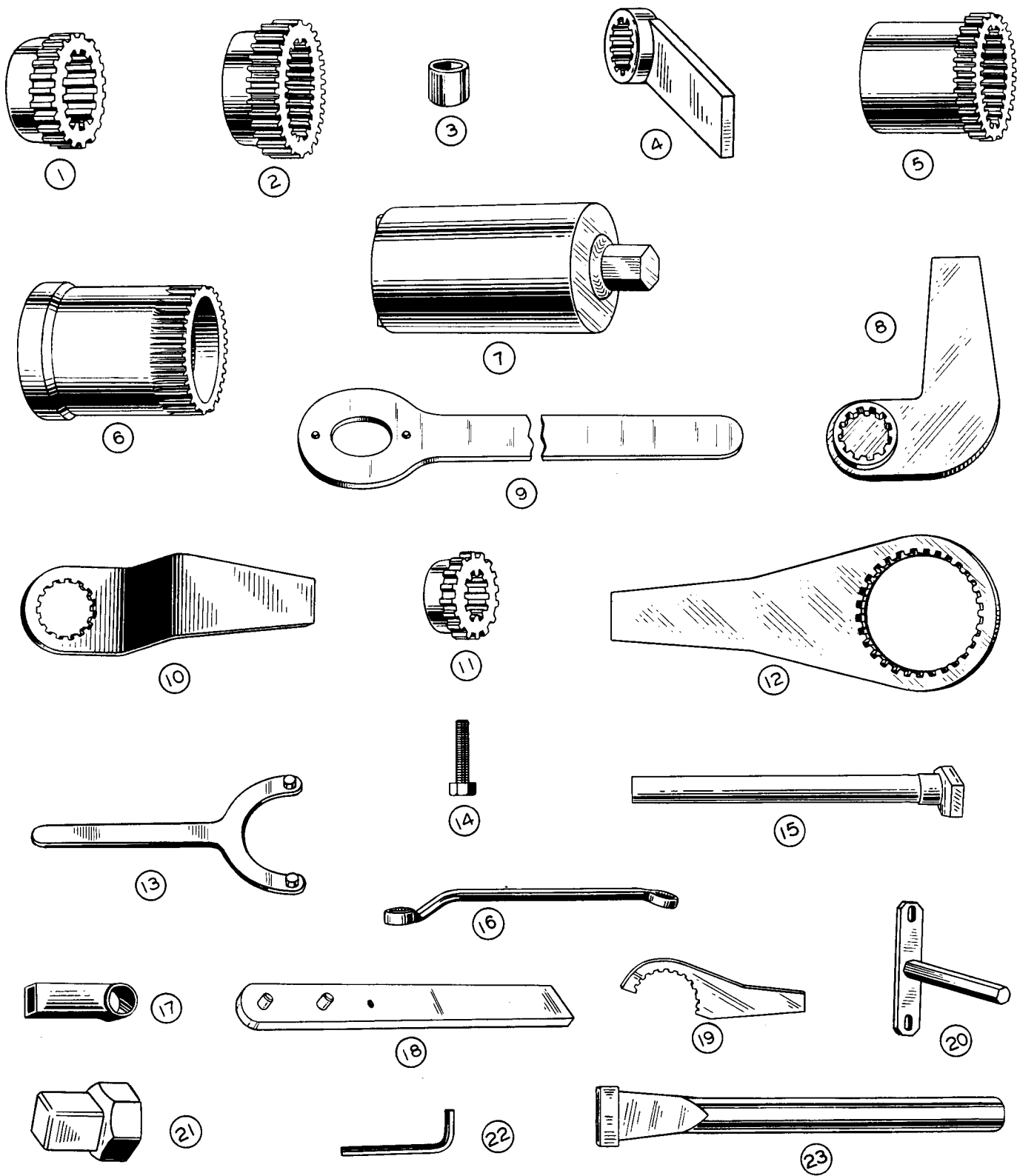


FIG. 2003

TOOLS

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2003

TOOLS

Ref. No.	Part No.	Description	Qty.
1	DF-2849	ADAPTOR - 14 TOOTH - 25 TOOTH	1
2	DD-9372	ADAPTOR - 22 TOOTH - 30 TOOTH	1
3	DD-49	SOCKET - 1 5/16"	1
4	DF-3552	WRENCH - HITCH BOLT	1
5	DD-7787	ADAPTOR - 25 TOOTH - 30 TOOTH	1
6	TD-8839	ADAPTOR - 30 TOOTH	1
7	DD-9228	WRENCH - KINGPIN NUT ADJ.	1
8	DF-3197	WRENCH - 12 TOOTH	1
9	TH-6281	WRENCH - SPANNER	1
10	DF-422	WRENCH, MOTOR PINION	1
11	DF-2848	ADAPTOR - 11 TOOTH - 16 TOOTH	1
12	DD-8163	WRENCH HANDLE - 30 TOOTH	1
	DD-3141	WRENCH - 22 TOOTH	1
13	SP-3734	WRENCH - OPTIONAL (Scraper Quick Release Drum)	1
14	DG-1722	CAPSCREW - 1" - 8NC x 6"	1
15	DH-3370	WRENCH - WHEEL CAPSCREW	1
16	SF-6903	BOX WRENCH	1
17	HE-4954	WRENCH SUPPORT - WHEEL CAPSCREW	1
18	<u>SG-3395</u>	WRENCH - BEARING RETAINER	1
19	HC-1940	WRENCH - MOTOR BRAKE HUB	1
20	TC-9992	WRENCH - MOTOR BRAKE	1
21	TG-4082	ADAPTOR - PINION WRENCH	1
22	D-6058	ALLEN WRENCH	1
23	SG-6117	WRENCH HANDLE	1
(OPTIONAL)			

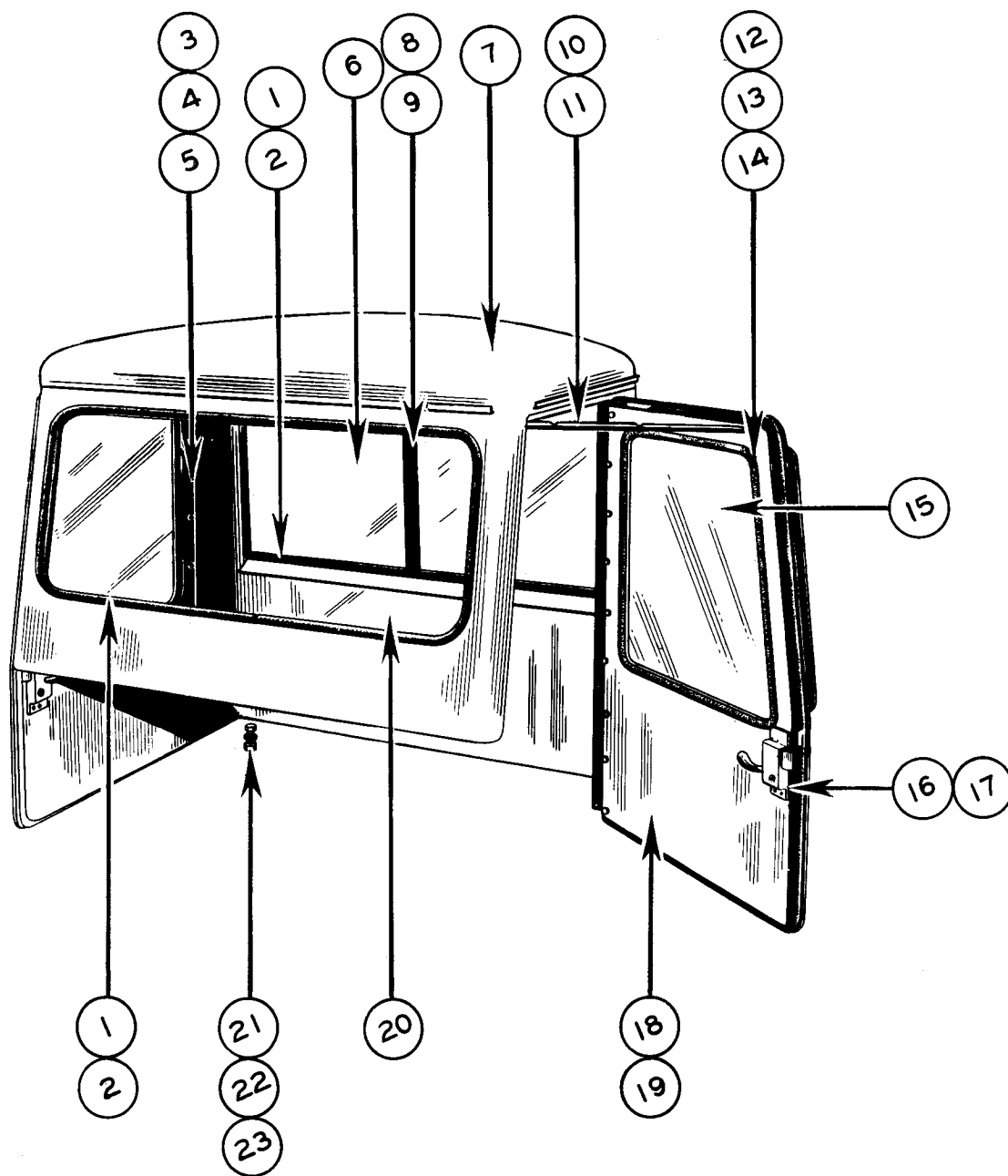


FIG. 57

CAB

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 57

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" - 20NC 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	2
13	SG-4654	STRIP, FILLER	2
14	SF-9469	STRIP, RUBBER	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 ASSEMBLY - RIGHT	1
19	SG-4223	DOOR ASSEMBLY - LEFT	1
20	SF-9060	WINDSHIELD	1
21	C-1629	CAPSCREW - 5/8" - 11NC x 1 3/4"	4
22	C-1541	LOCKWASHER - 5/8"	4
23	C-1525	NUT - 5/8" - 11NC	4
		NOT SHOWN	
	DL-885	HEATER KIT (24 Volt)	1
	DL-871	FAN KIT, DEFROSTER	1
		(OPTIONAL)	

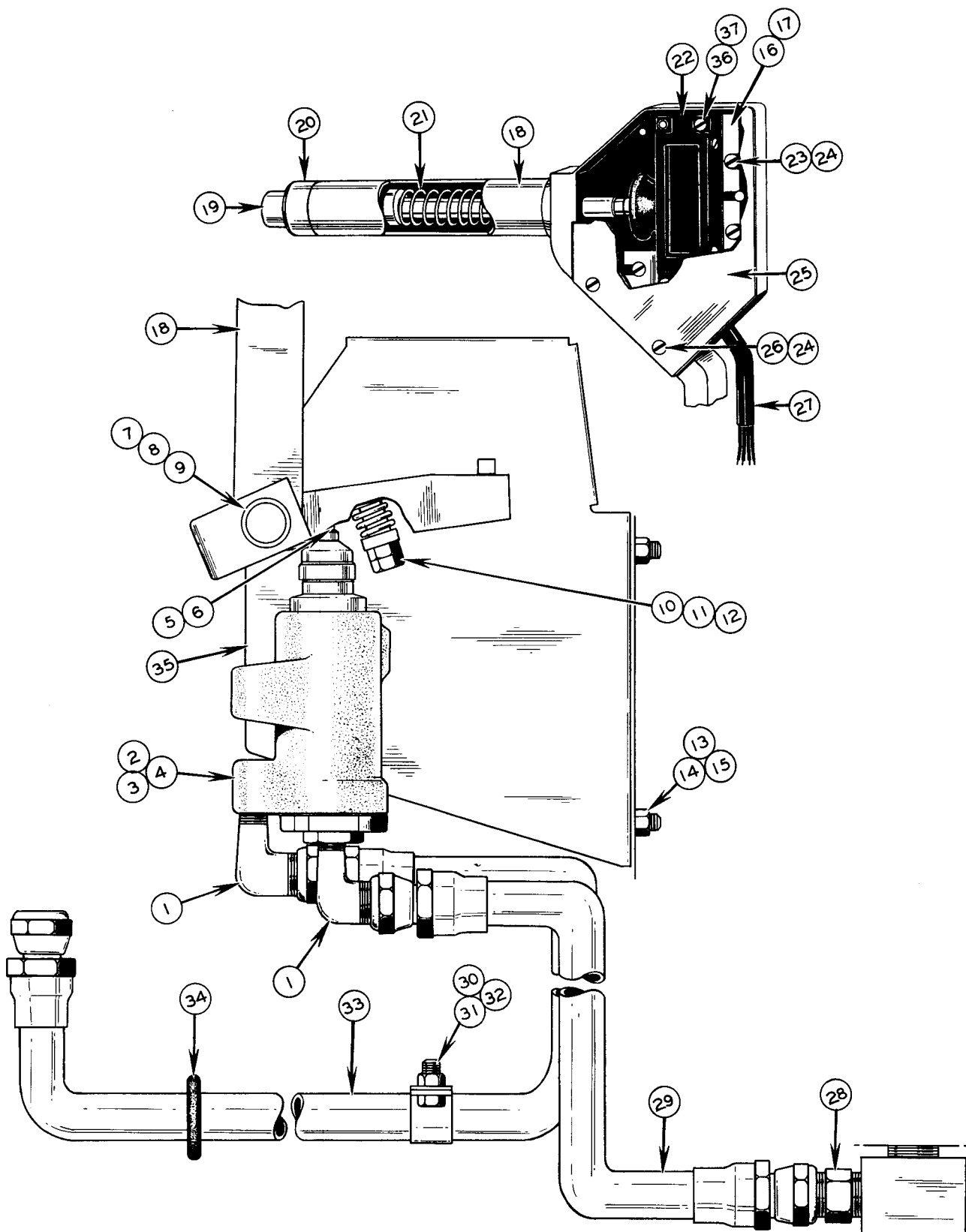


FIG. 1360
SCRAPER HOIST CONTROL

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1360

SCRAPER HOIST CONTROL

Ref. No.	Part No.	Description	Qty.
1	TD-5556	ADAPTOR #	2
	TD-9720	ADAPTOR, STRAIGHT ##	2
2	DD-1155	VALVE ASSEMBLY - SEE INDEX	1
3	C-5747	CAPSCREW - 5/16" - 18NC x 3/4"	6
4	C-1538	LOCKWASHER - 5/16"	6
4	TC-1417	PLUG	1
6	TC-1418	PIN	1
7	TC-1424	BEARING	2
8	SL-6172	PIN, ROLL *	1
	SP-9104	PIN, ROLL **	1
9	TC-1412	PIN, PIVOT	1
10	TG-29	SPRING	1
11	C-7574	CAPSCREW - 3/8" - 24NF x 2 1/4"	1
12	R-6864	JAM NUT - 3/8" - 24NF	2
13	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	3
14	C-312	LOCKWASHER - 3/8"	3
15	C-1521	NUT - 3/8" - 16NC	3
16	TF-9416	SHEET, INSULATOR	1
17	TF-9417	SHEET, INSULATOR	1
18	TG-1514	HANDLE *	1
	TV-9424	HANDLE **	1
19	TG-33	SHAFT	1
20	TG-32	STOP, PUSH BUTTON	1
21	DD-7991	SPRING	1
22	DF-5856	SWITCH	1
23	DC-2726	SCREW - #8-32NC x 3/8" *	3
	H-5466	SCREW - #8-32NC x 1/2" **	3
24	SC-4163	LOCKWASHER - 5/32"	5
25	TF-9426	PLATE, COVER	1
26	TG-5216	SCREW - #8-32NC x 2"	2
27	DL-4305	CABLE	1
28	TD-9720	ADAPTOR #	1
29	TF-4241	HOSE ASSEMBLY - 3/8" x 42" #	1
	TF-4435	HOSE ASSEMBLY - 3/8" x 33" ##	1
30	DC-5036	CLAMP	7
31	H-8136	CAPSCREW - 1/4" - 20NC x 1/2"	2
32	C-5780	NUT - 1/4" - 20NC	1
33	TF-4279	HOSE ASSEMBLY - 3/8" x 168"	1
34	DL-1371	GROMMET, RUBBER	3
35	TG-1513	PLATE, BASE *	1
	TV-9422	PLATE, BASE **	1
36	SV-8991	SCREW - #6-32NC	2
37	DH-321	NUT - #6-32NC	2
NOTE: TG-1512 & TV-9427 SCRAPER HOIST CONTROL GROUPS INCLUDE REF. NOS. 2 THRU 12, 16 THRU 26 & 35 THRU 37. DL-4306 SCRAPER HOIST CONTROL GROUP INCLUDES REF. NOS. 1 THRU 37. TV-9426 SCRAPER HOIST CONTROL GROUP INCLUDES REF. NOS. 1 THRU 27 & 29 THRU 37. * INCLUDED IN TG-1512 SCRAPER HOIST CONTROL GROUP. ** INCLUDED IN TV-9427 SCRAPER HOIST CONTROL GROUP. # INCLUDED IN DL-4306 SCRAPER HOIST CONTROL GROUP. ## INCLUDED IN TV-9426 SCRAPER HOIST CONTROL GROUP. (OPTIONAL)			

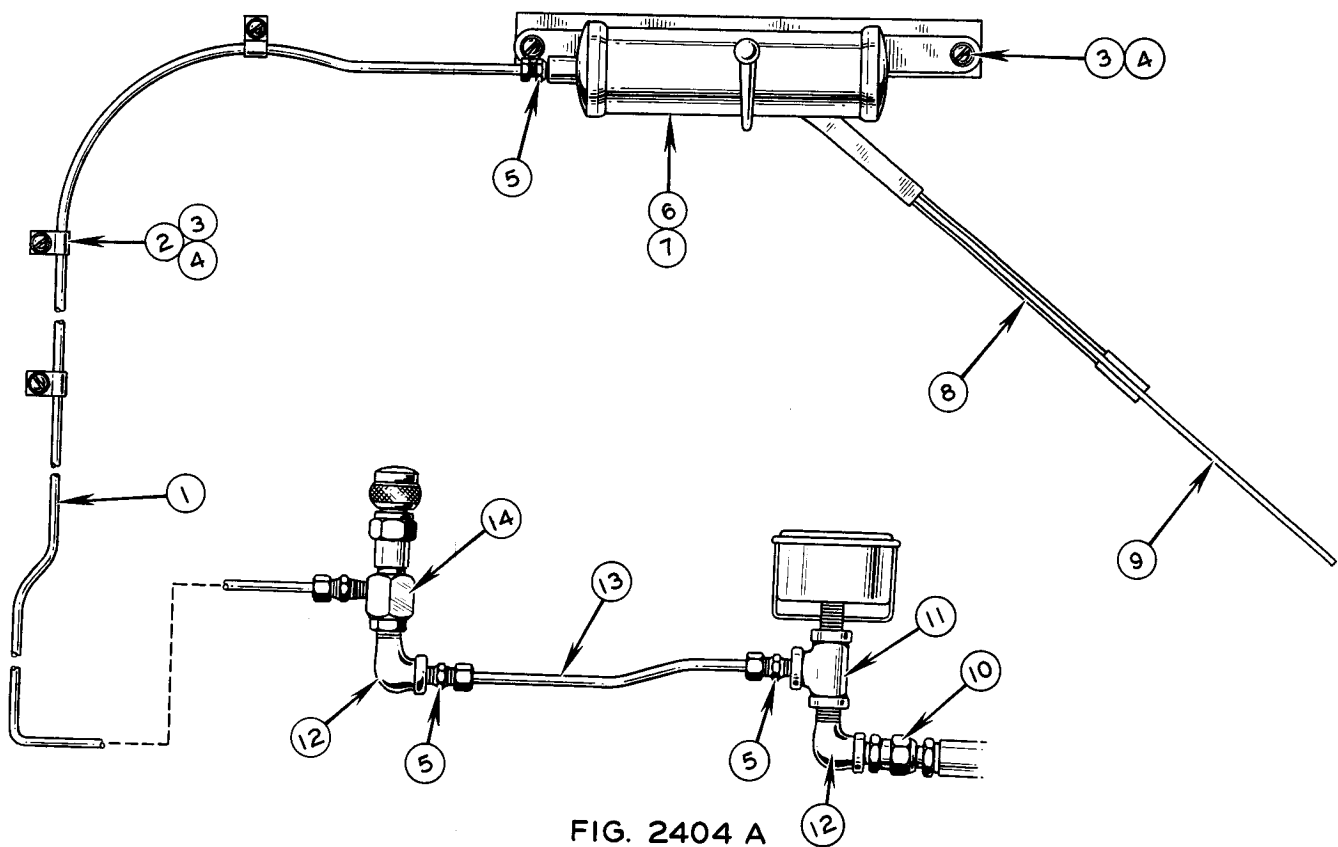


FIG. 2404 A
WINDSHIELD WIPER-FRONT

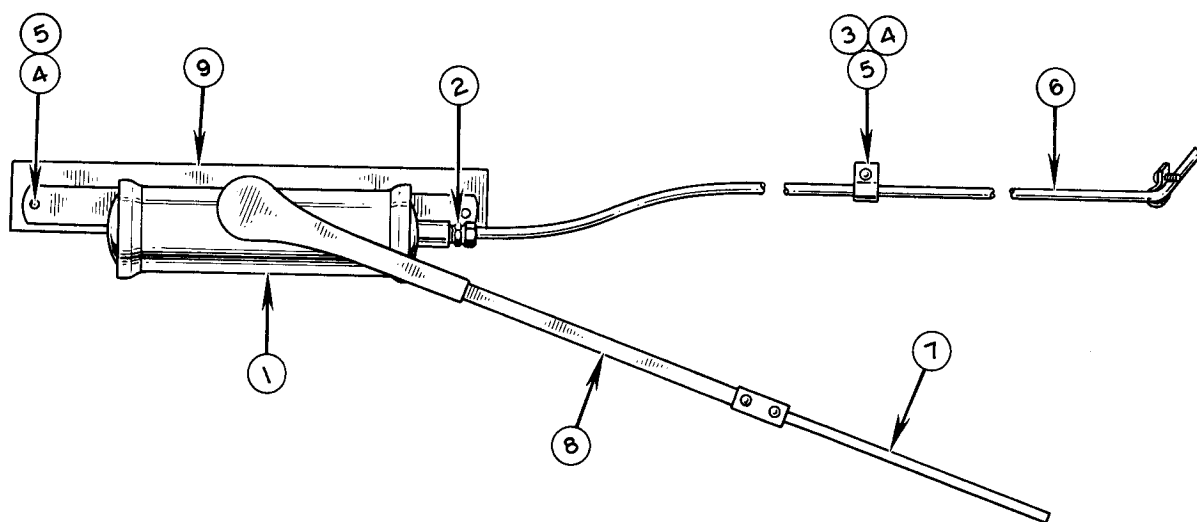


FIG. 2404 B
WINDSHIELD WIPER-REAR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2404A

WINDSHIELD WIPER - FRONT

Ref. No.	Part No.	Description	Qty.
1	VD-4800	TUBE ASSEMBLY - 3/16" x 61" *	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
	VD-4801	TUBE ASSEMBLY - 3/16" x 125" **	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
	TF-2824	TUBE ASSEMBLY - 3/16" x 125" ***	1
	TF-2811	NUT	2
	TF-2810	SLEEVE	2
2	CC-6172	CLAMP, JIFFY	6
3	SG-1375	SCREW, SELF TAPPING - #10-24NC x 1/2"	8
4	H-2643	LOCKWASHER - #10	8
5	SD-8661	CONNECTOR - */**	4
	TF-2808	CONNECTOR ***	4
6	TF-2838	MOTOR, WIPER */***	1
	TF-2835	MOTOR, WIPER **	1
7	TF-2834	BRACKET, WIPER MOTOR **	1
8	TF-2836	ARM, WIPER *	1
	TF-2841	ARM, WIPER **/**	1
9	TF-2837	BLADE, WIPER *	1
	TF-2842	BLADE, WIPER **/**	1
10	TD-9718	ADAPTOR - 1/2"-20NF x 1/8"NPT	1
11	R-2404	TEE, PIPE - 1/8"NPT	2
12	R-900	ELBOW, STREET - 1/8" x 90°	2
13	VD-2749	TUBE ASSEMBLY - 3/16" x 6 1/2" */**	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
	TG-8119	TUBE ASSEMBLY - 3/16" x 6 1/2" ***	1
	TF-2811	NUT	2
	TF-2810	SLEEVE	2
14	TF-7681	REGULATOR, PRESSURE	1
NOTE:			
* INCLUDED IN VD-4824 WINDSHIELD WIPER GROUP.			
** INCLUDED IN VD-4826 WINDSHIELD WIPER GROUP.			
*** INCLUDED IN TG-8106 WINDSHIELD WIPER GROUP.			
TG-8106 & VD-4826 WINDSHIELD WIPER GROUPS INCLUDE REF. NOS. 1 THRU 6 & 8 THRU 14.			
VD-4824 WINDSHIELD WIPER GROUP INCLUDES REF. #1 THRU 14. (OPTIONAL)			

FIGURE 2404B

WINDSHIELD WIPER GROUP - REAR - VD-4825

1	TF-2838	MOTOR, WIPER	1
2	SD-8661	CONNECTOR	1
3	CC-6172	CLAMP, JIFFY	4
4	SG-1375	SCREW, SELF TAPPING - #10-24NC x 1/4"	6
5	H-2643	LOCKWASHER - #10	6
6	VD-4801	TUBE ASSEMBLY - 3/16" x 125"	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
7	TF-2842	BLADE, WIPER	1
8	TF-2841	ARM, WIPER	1
9	TF-2801	ANGLE, MOUNT	1
NOT SHOWN			
	VD-4802	TEE, TUBE	1
(OPTIONAL)			

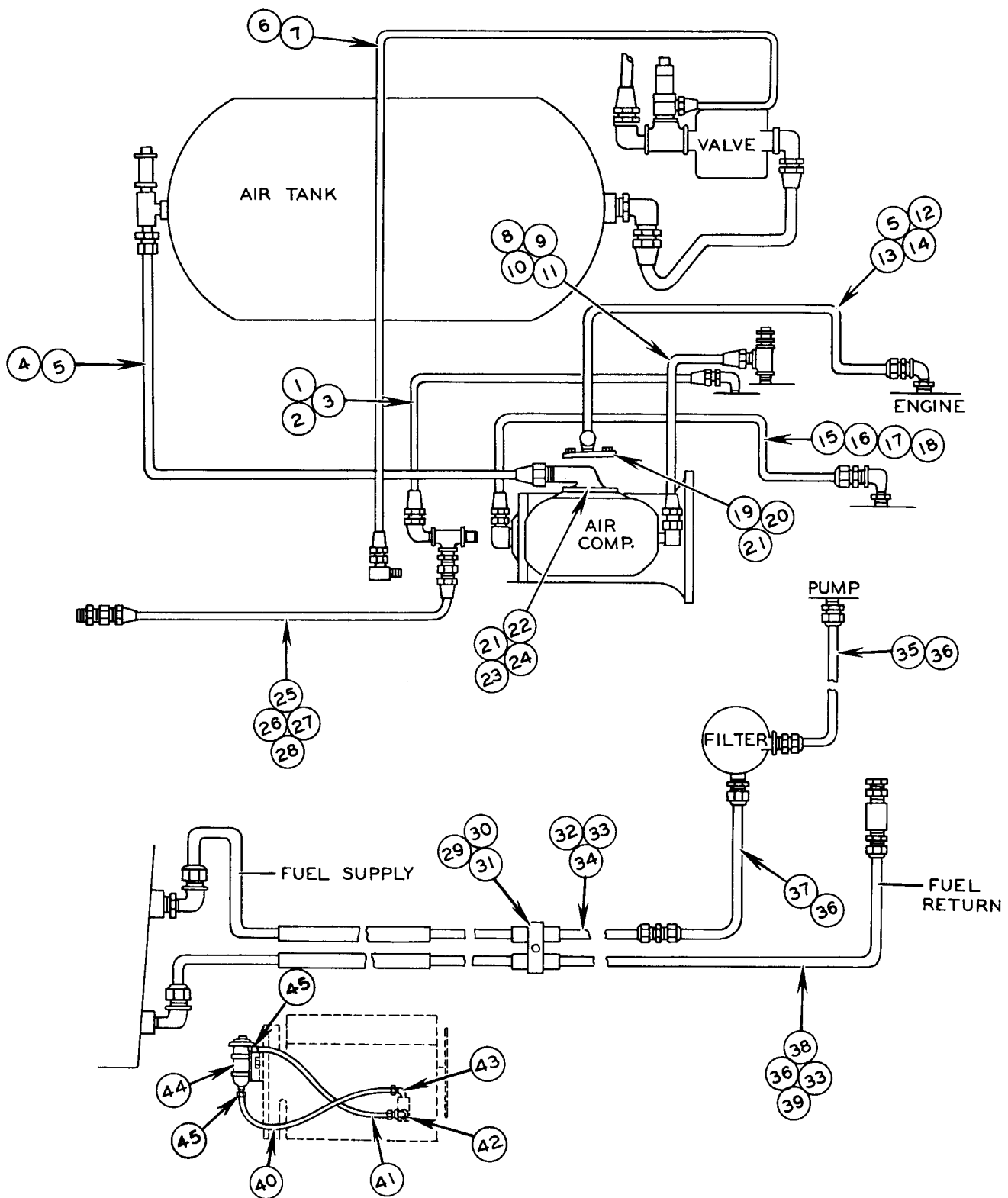


FIG. 1686
ENGINE PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

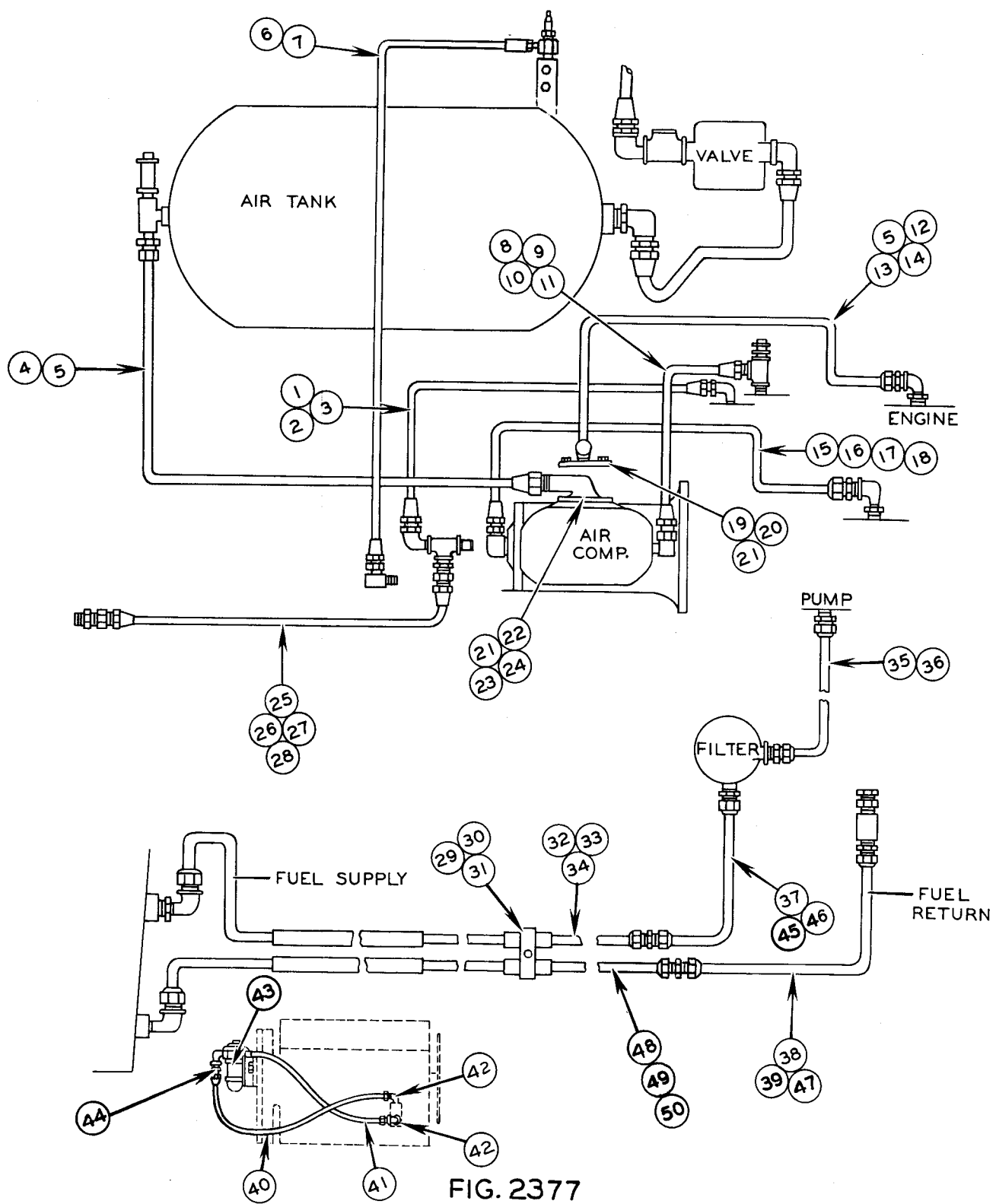
FIGURE 1686

ENGINE PIPING

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TF-4126	Hose Assy. - 1/4" x 22"	1	27	R-2404	Tee - 1/8" npt	1
2	TD-9746	Adaptor	1	28	DC-5608	Nipple, Close - 1/8" npt ...	1
3	S-2916	Ell, Street - 1/4" npt x 90° ..	1	29	DC-5036	Clamp	4
4	DL-4361	Tube Assy. - 5/8" x 69" * ..	1	30	C-5774	Lockwasher - 1/4" - 20 nc ..	2
	DL-5015	Tube Assy. - 5/8" x 61 3/4" ** ..	1	31	C-5780	Nut - 1/4" - 20 nc	2
	SD-2593	Sleeve	2	32	DL-3828	Fuel Line Assy. - 3/8" x 138 5/8" .	1
	SD-2596	Nut	2		R-5115	Nut	2
5	HC-2487	Connector	3		R-7013	Sleeve	2
6	TF-4424	Hose Assy. - 1/4" x 20" * ..	1	33	TC-3630	Elbow	2
	TF-4428	Hose Assy. - 1/4" x 24" ** ..	1	34	SF-3946	Union	1
	TF-4414	Hose Assy. - 1/4" x 12" # ..	1	35	DL-3830	Fuel Line Assy. - 3/8" x 37" ...	1
7	TD-9747	Adaptor	1		R-5115	Nut	2
8	TF-4427	Hose Assy. - 3/8" x 22"	1		R-7013	Sleeve	2
9	TD-5557	Adaptor	1	36	HC-2489	Connector	4
10	HC-1581	Nipple, Close - 3/8" npt ..	1	37	DL-3826	Tube Assy. - 3/8" x 16 1/2" ...	1
11	DC-1916	Tee - 3/8" npt	1		R-5115	Nut	2
12	DL-4360	Tube Assy. - 5/8" x 23 5/8" ..	1		R-7013	Sleeve	2
	SD-2593	Sleeve	2	38	DL-3832	Tube Assy. - 3/8" x 157 1/4" ...	1
	SD-2596	Nut	2		R-5115	Nut	2
13	SF-4094	Bushing - 3/4" x 1/2" npt ..	1		R-7013	Sleeve	2
14	F-4037	Ell, Street - 1/2" npt x 90° ..	2		DL-2994	Tube, Rubber-3/8"i.d. x 48" .	1
15	TF-4453	Hose Assy. - 3/8" x 66"	1		DL-2995	Tube, Rubber-3/8"i.d. x 3" .	1
16	H-3018	Bushing - 1/2" x 3/8" npt ..	1	39	R-1395	Coupling - 1/4" npt	1
17	SC-3265	Ell, Street - 3/8" x 90°	1	40	TL-3463	Hose Assy. - 1" x 24"	1
18	TD-5557	Adaptor	2	41	TL-3464	Hose Assy. - 1" x 27"	1
19	SV-4469	Plate, Inlet	1	42	TC-8486	Elbow - 90°	2
20	C-1598	Capscrew - 5/16" - 18 nc x 1" ..	2	43	R-1362	Ell, Street - 1" npt x 90°	2
21	C-1538	Lockwasher - 5/16"	2	44	SV-8598	Filter, Engine Oil (See Index)	1
22	DL-1239	Fitting, Discharge	1	40	DL-6744	Hose Assy. - 1" x 42"	1
23	SG-1239	Stud	2	41	DL-6743	Hose Assy. - 1" x 31"	1
24	C-9656	Nut - 5/16" - 24 nf	2	43	R-1362	Ell, Street - 1" npt x 90°	2
25	TF-4145	Hose Assy. - 1/4" x 48"	1	44	DL-6725	Filter, Engine Oil (See Index)	1
26	TD-9718	Adaptor	2	45	TD-8121	Adaptor, Straight	2

Note: * Effective thru Serial Suffix CPF6-B.
 ** Effective with Serial Suffix CPF6-C.
 # Effective with Serial Suffix CPF6-D.
 ## Effective with Serial Suffix CPF6-E thru CPF6-G.
 π Effective with Serial Suffix CPF6-H.

(EFFECTIVE THRU SERIAL SUFFIX CPF6-N)



ENGINE PIPING

FIGURE 2377

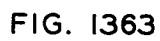
ENGINE PIPING

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	TF-4126	Hose Assembly-1/4" x 22" ..	1	32	VF-6203	Fuel Line Assy.-5/8" x 106" ...	1
2	TD-9746	Adaptor	1		VF-6208	Loom	1
3	S-2916	Ell, Street-1/4"npt x 90° ..	1		SD-2596	Nut	2
4	DL-5015	Tube Assembly-5/8" x 61 3/4" ..	1		SD-2593	Sleeve	2
	SD-2593	Sleeve	2		VF-6207	Loom	2
	SD-2596	Nut	2	33	CC-6128	Elbow	1
5	HC-2487	Connector	3	34	SV-4511	Connector, Imperial	1
6	TF-4414	Hose Assembly-1/4" x 12" ..	1	35	DL-3830	Fuel Line Assy.-3/8" x 37" ...	1
7	TD-9747	Adaptor	1		R-5115	Nut	2
8	TF-4427	Hose Assy.-3/8" x 22"	1		R-7013	Sleeve	2
9	TD-5557	Adaptor	1	36	HC-2489	Connector	4
10	HC-1581	Nipple, Close-3/8"npt	1	37	VF-2625	Hose-1/2" x 51 1/4"	1
11	DC-1916	Tee-3/8"npt	1	38	TV-1584	Hose Assy.-3/8" x 51"	1
12	DL-4360	Tube Assembly-5/8" x 23 5/8" ..	1	39	TD-9725	Adaptor-1/4"npt x 9/16"jic ...	1
	SD-2593	Sleeve	2	40	DL-6744	Hose Assembly-1" x 42" * ..	1
	SD-2596	Nut	2		VH-2333	Hose Assembly **	1
13	SF-4094	Bushing-3/4" x 1/2"npt	1	41	DL-6743	Hose Assembly-1" x 31" * ..	1
14	F-4037	Ell, Street-1/2"npt x 90° ..	2		VH-2332	Hose Assembly **	1
15	TF-4453	Hose Assembly-3/8" x 66" ..	1	42	R-1362	Ell, Street-1"npt x 90°	4
16	H-3018	Bushing-1/2" x 3/8"npt	1	43	DL-6725	Filter, Engine Oil (See Index) ...	1
17	SC-3265	Ell, Street-3/8" x 90°	1	44	TD-8121	Adaptor, Straight	2
18	TD-5557	Adaptor	2	45	TD-9721	Adaptor, Strt.-1/2"npt x 3/8"jic ...	1
19	SV-4469	Plate, Inlet	1	46	TL-5661	Adaptor, Strt.-1/4"npt x 3/8"jic ...	1
20	C-1598	Screw, Cap-5/16"-18nc x 1" ..	2	47	TD-9743	Adaptor, Strt.-3/8"npt x 9/16"jic ..	1
21	C-1538	Washer, Lock-5/16"	4	48	VF-6204	Fuel, Line Assy.-1/2" x 106" ...	1
22	DL-1239	Fitting, Discharge	1		SD-4990	Nut	2
23	SG-1289	Stud	2		SD-4992	Sleeve	2
24	C-9656	Nut-5/16"-24nf	2		VF-6205	Loom	2
25	TF-4145	Hose Assembly-1/4" x 48" ..	1		VF-6206	Loom	1
26	TD-9718	Adaptor	2	49	HC-2477	Elbow, Imperial	1
27	R-2404	Tee-1/8"npt	1	50	SV-4510	Connector, Imperial	1
28	DC-5608	Nipple, Close-1/8"npt	1			Not Shown	
29	H-3167	Clamp	4		R-86	Bushing, Reducing-3/8" x 1/4" ...	1
30	C-5774	Washer, Lock-1/4"-20nc ..	2		HC-1851	Cock, Drain	1
31	C-5780	Nut-1/4"-20nc	2				

* Effective with Serial Suffix CPF6-R.

** Effective with Serial Suffix CPA6.

(Effective with Serial Suffix CPF6-R & CPA6)



BRAKE SYSTEM PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1363

BRAKE SYSTEM PIPING

Ref. No.	Part No.	Description	Qty.
1	H-8549	ELBOW	4
2	DL-2014	TUBE ASSEMBLY - 3/8" x 8 5/16"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
3	HC-2489	CONNECTOR	1
4	H-8549	ELBOW	1
5	R-86	BUSHING - 3/8" x 1/4"	1
6	C-5769	PIPE PLUG - 1/4"	3
7	DL-2015	TUBE ASSEMBLY - 3/8" x 7"	2
	R-5115	NUT	2
	R-7013	SLEEVE	2
8		QUICK RELEASE VALVE - SEE INDEX	2
9	C-5747	CAPSCREW - 5/16" - 18 NC x 3/4"	4
10	C-1538	LOCKWASHER - 5/16"	4
11	TF-4353	HOSE ASSEMBLY - 1/2" x 66"	1
12	TF-4633	ADAPTOR	4
13	TG-7442	ADAPTOR	1
14	TF-4325	HOSE ASSEMBLY - 1/2" x 20"	2
15	SV-7011	ADAPTOR	1
16	DL-2397	JUNCTION BLOCK	1
17	HC-1581	PIPE NIPPLE - 3/8"	1
18	TF-4145	HOSE ASSEMBLY - 1/4" x 48"	1
19	TD-9719	ADAPTOR	1
20	TG-480	AIR FILTER - SEE INDEX	1
21	HC-1851	DRAIN COCK	1
22	C-1601	CAPSCREW - 3/8" - 16 NC x 3/4"	2
23	C-312	LOCKWASHER - 3/8"	2
24	SG-3435	STREET TEE - 3/8"	1
25	SP-2442	UNLOADER VALVE - SEE INDEX	1
26	TF-4435	HOSE ASSEMBLY - 3/8" x 33"	1
27	TD-9720	ADAPTOR	1
28	TF-4264	HOSE ASSEMBLY - 3/8" x 102"	1
29	TD-9725	ADAPTOR	1

Effective thru Serial Suffix CPF6-C.

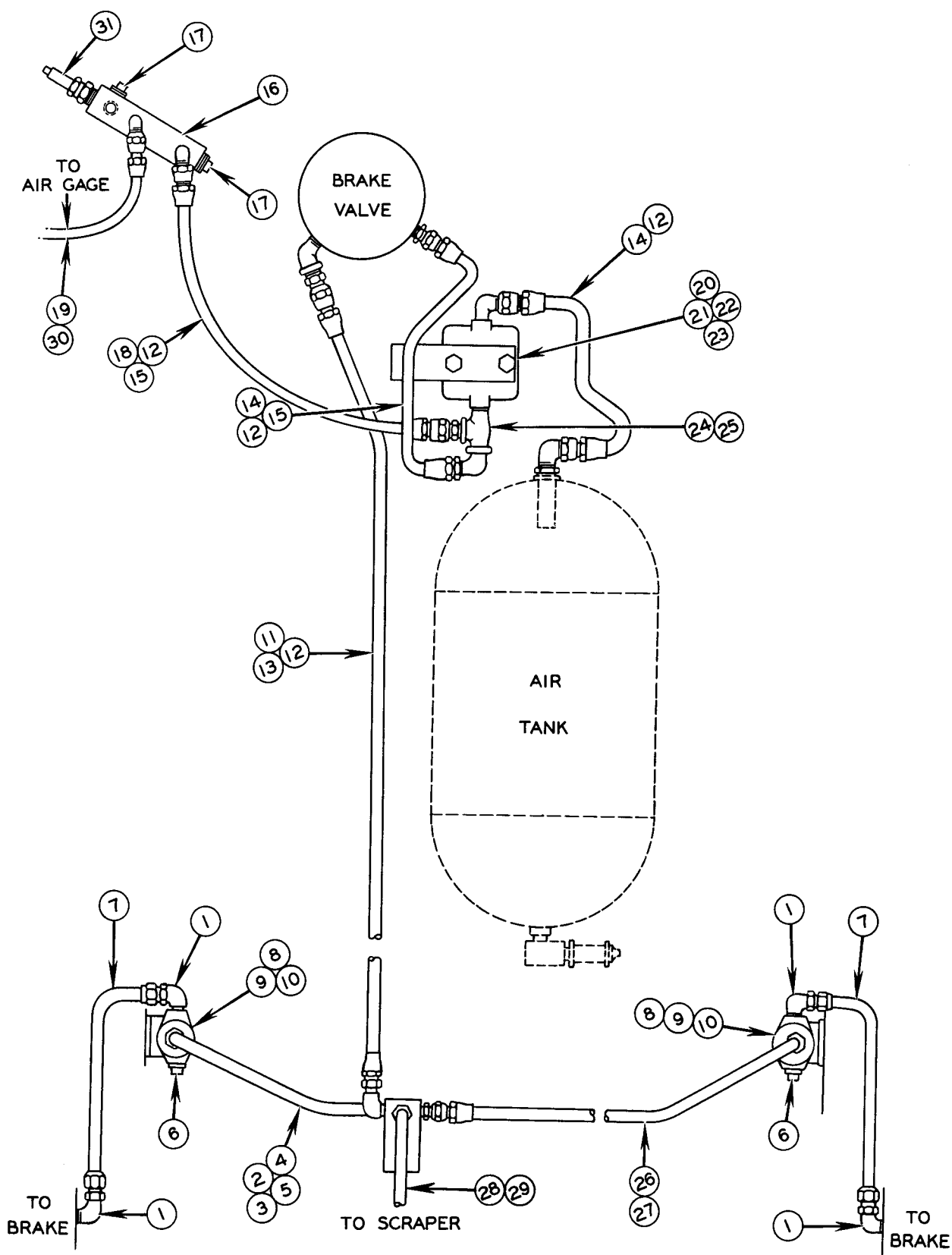


FIG. 1629
BRAKE SYSTEM PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1629

BRAKE SYSTEM PIPING

Ref. No.	Part No.	Description	Qty.
1	H-8549	ELBOW	4
2	DL-2014	TUBE ASSEMBLY - 3/8" x 8 5/16"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
3	HC-2489	CONNECTOR	1
4	H-8549	ELBOW	1
5	R-86	BUSHING, REDUCING - 3/8" to 1/4"	1
6	C-5769	PLUG, PIPE - 1/4"	2
7	DL-2015	TUBE ASSEMBLY - 3/8" x 7"	2
	R-5115	NUT	4
	R-7013	SLEEVE	4
8		VALVE, QUICK RELEASE - SEE INDEX	2
9	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
10	C-1538	LOCKWASHER - 5/16"	4
11	TF-4353	HOSE ASSEMBLY - 1/2" x 66"	1
12	TD-9743	ADAPTOR, STRAIGHT	2
13	R-5042	ELL, STREET - 3/8" x 45°	1
14	TF-4323	HOSE ASSEMBLY - 1/2" x 18"	2
15	TF-4633	ADAPTOR - 90° MALE	4
16	DL-2397	BLOCK, JUNCTION	1
17	C-5770	PLUG, PIPE - 3/8"	2
18	TF-4227	HOSE ASSEMBLY - 3/8" x 22"	1
19	TF-4139	HOSE ASSEMBLY - 1/4" x 39"	1
20	TG-480	FILTER, AIR - SEE INDEX	1
21	HC-1851	COCK, DRAIN	1
22	C-1601	CAPSCREW - 3/8" NC x 1"	2
23	C-312	LOCKWASHER - 3/8"	2
24	DC-1916	TEE, PIPE - 3/8"	1
25	HC-1581	NIPPLE, CLOSE - 3/8"	1
26	TF-4435	HOSE ASSEMBLY - 3/8" x 33"	1
27	TD-9720	ADAPTOR - STRAIGHT MALE	1
28	TF-4264	HOSE ASSEMBLY - 3/8" x 102"	1
29	SV-7011	ADAPTOR, STRAIGHT MALE	2
30	TD-9746	ADAPTOR, MALE - 90°	1
31	SP-2442	VALVE, UNLOADER - SEE INDEX	1
(EFFECTIVE WITH SERIAL SUFFIX CPF6-D THRU CPF6-M.)			

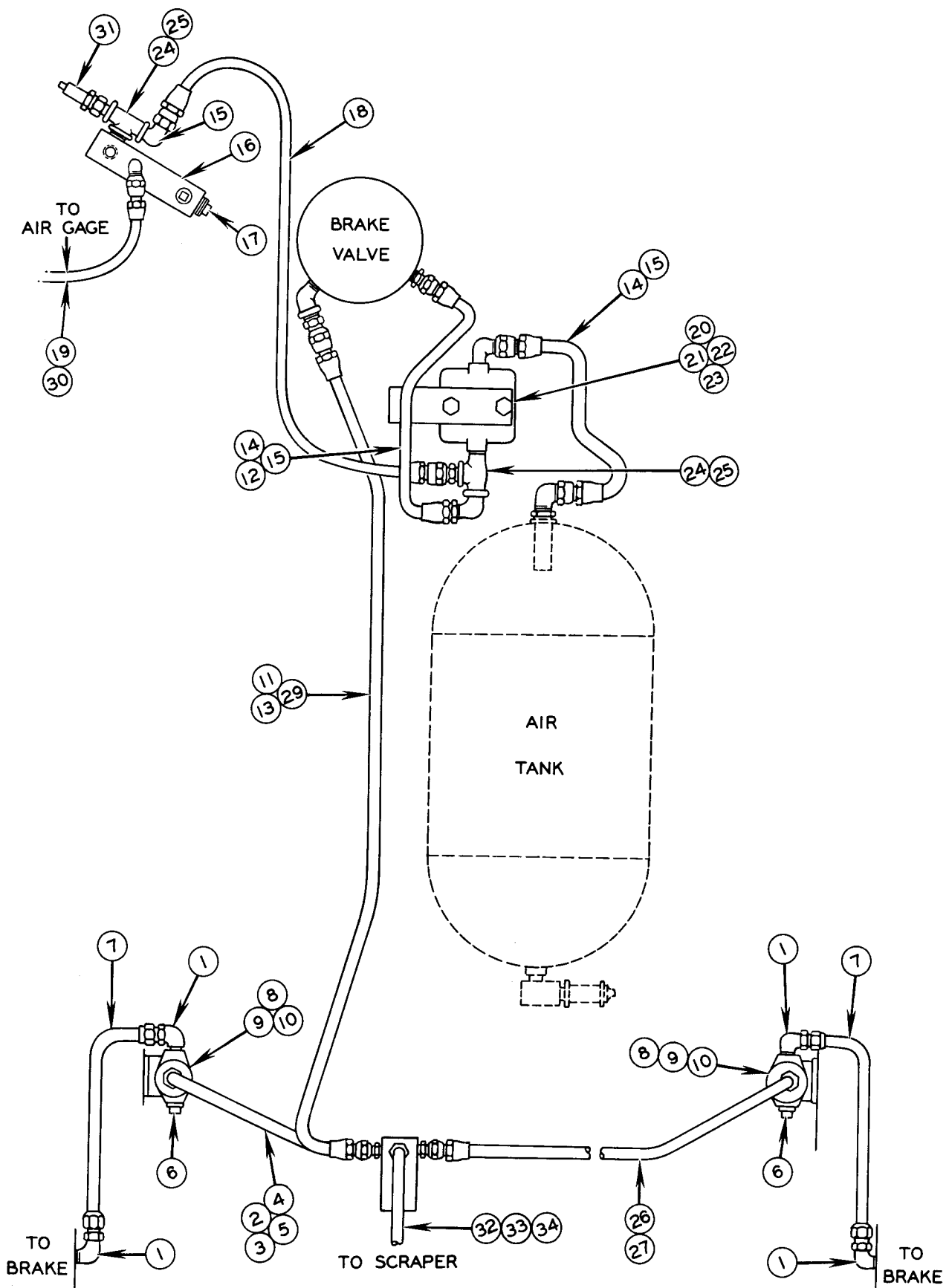


FIG. 1997
 BRAKE SYSTEM PIPING

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1997

BRAKE SYSTEM PIPING

Ref. No.	Part No.	Description	Qty.
1	H-8549	ELBOW	5
2	DL-2014	TUBE ASSEMBLY - 3/8" x 8 5/16"	1
	R-5115	NUT	2
	R-7013	SLEEVE	2
3	HC-2489	CONNECTOR	1
4	H-8549	ELBOW	1
5	R-86	BUSHING, REDUCING - 3/8" to 1/4"	1
6	C-5769	PLUG, PIPE - 1/4"(* Qty. 7).....	5
7	DL-2015	TUBE ASSEMBLY - 3/8" x 7"	2
	R-5115	NUT	4
	R-7013	SLEEVE	4
8		VALVE, QUICK RELEASE - SEE INDEX	2
9	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
10	C-1538	LOCKWASHER - 5/16"	4
11	TF-4353	HOSE ASSEMBLY - 1/2" x 66"	1
12	TD-9743	ADAPTOR, STRAIGHT	2
13	SD-5163	ELL, STREET - 3/8" x 45°	1
14	TF-4323	HOSE ASSEMBLY - 1/2" x 18"	2
15	TF-4633	ADAPTOR - 90° MALE	4
16	DL-2397	BLOCK, JUNCTION	1
17	C-5770	PLUG, PIPE - 3/8"	3
18	TF-4227	HOSE ASSEMBLY - 3/8" x 22"	1
19	TF-4139	HOSE ASSEMBLY - 1/4" x 39"	1
20	TG-480	FILTER, AIR - SEE INDEX	1
21	HC-1851	COCK, DRAIN	1
22	C-1601	CAPSCREW - 3/8"NC x 1"	2
23	C-312	LOCKWASHER - 3/8"	2
24	DC-1916	TEE, PIPE - 3/8"	1
25	HC-1581	NIPPLE, CLOSE - 3/8"	2
26	TF-4435	HOSE ASSEMBLY - 3/8" x 33"	1
27	TD-9720	ADAPTOR - STRAIGHT MALE	1
28	TF-4264	HOSE ASSEMBLY - 3/8" x 102"	1
29	SV-7011	ADAPTOR, STRAIGHT MALE	2
30	TD-9746	ADAPTOR, MALE - 90°	1
31	SP-2442	VALVE, UNLOADER - SEE INDEX	1
32	DF-1870	CLAMP	2
33	H-8136	CAPSCREW - 1/4" - 20NC x 1/2"	2
34	C-5774	LOCKWASHER - 1/4"	2
* EFFECTIVE WITH SERIAL SUFFIX CPA6.			
(EFFECTIVE WITH SERIAL SUFFIX CPF6-N THRU CPF6-R & CPA6 THRU CPA6-A)			

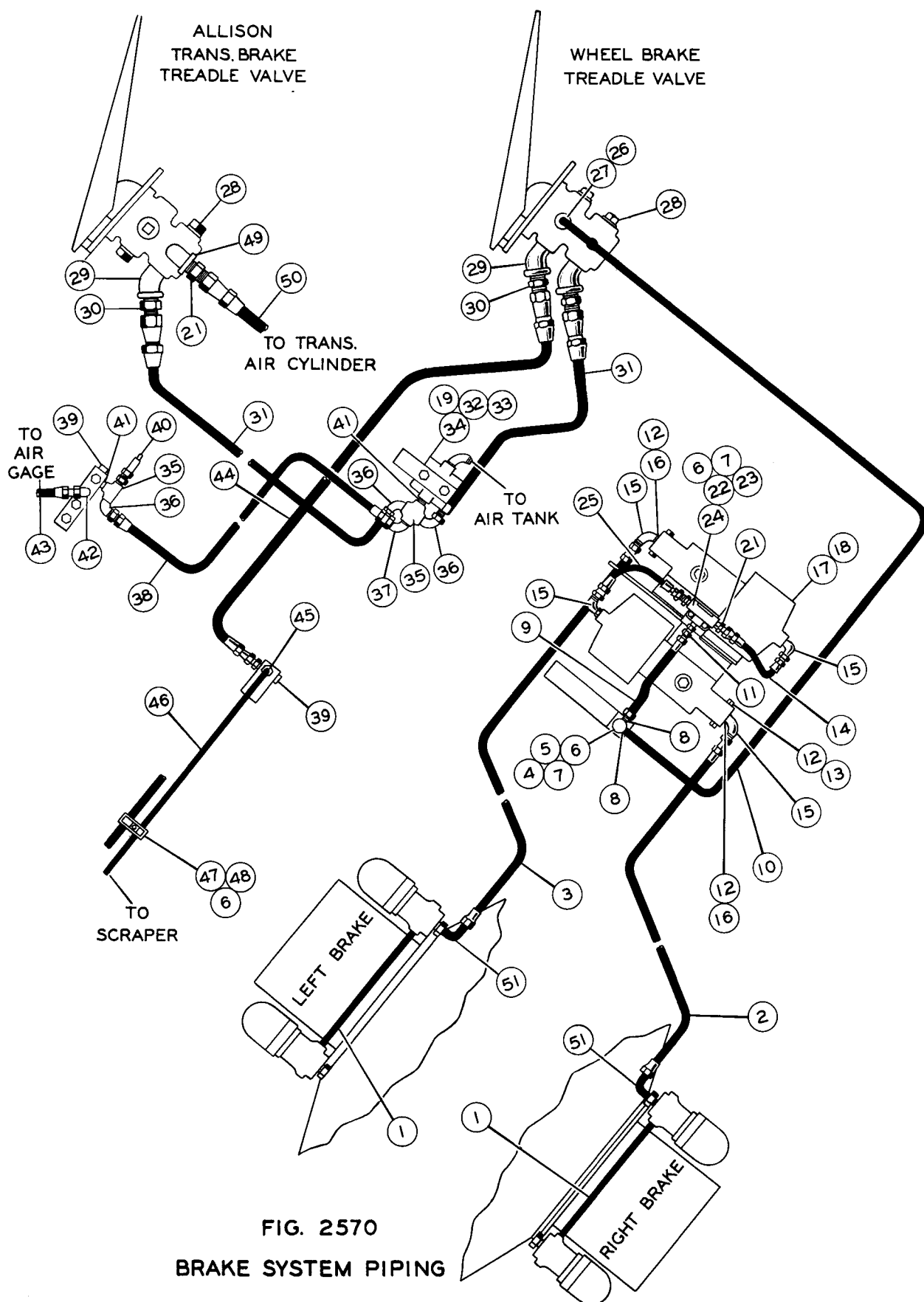


FIGURE 2570

BRAKE SYSTEM-PIPING

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	VH-7608	Hose Assembly	2		C-5769	Plug, Pipe-1/4"NPT	AR
2	VH-1744	Hose Assy. (Brake Cyl. to R.H. Brk)	1	29	R-5016	Ell, Street-1/2"NPT x 45° ..	AR
3	VH-1745	Hose Assy. (Brake Cyl. to L.H. Brk)	1	30	TD-9721	Adaptor	AR
4	VG-6095	Valve, Pressure Reducing ...	1	31	TF-4323	Hose Assy.-1/2" x 18" * (Air	
5	SR-6300	Screw, Cap-1/4"-20nc x 2 1/4"...	2			Filter to Treadle Valve) ..	1
6	C-5774	Washer, Lock	6		VM-4323	Hose Assy.-1/2" x 18" ** (Air	
7	C-5780	Nut-1/4"-20nc	4			Filter to Treadle Valve) ..	1
8	TD-5556	Adaptor	2	32	TG-480	Filter, Air (See Index)	1
9	TF-4221	Hose Assy.-3/8" x 16" * (Press. Rel.		33	C-1601	Screw, Cap-3/8"-16nc x 1" ..	2
		Valve to Quick Rel. Valve)...	1	34	HC-1851	Cock, Drain	1
	VM-4221	Hose Assy.-3/8" x 16" ** (Press Rel.		35	DC-1916	Tee, Pipe-3/8"NPT	2
		Valve to Quick Rel. Valve)...	1		HD-6839	Cross, Pipe-3/8"NPT #	1
10	TF-4229	Hose Assy.-3/8" x 24" * (Treadle		36	TF-4633	Adaptor-90°	3
		Valve to Press. Rel. Valve)...	1	37	TD-9743	Adaptor-1/2"NPT x 9/16"-18JIC ##	1
	VM-4229	Hose Assy.-3/8" x 24" ** (Treadle			TD-5557	Adaptor-3/8"NPT x 9/16"-18JIC #	1
		Valve to Press. Rel. Valve)...	1	38	TF-4227	Hose Assy.-3/8" x 22" * (Air	
11	TD-9720	Adaptor-1/4"NPT x 9/16"-20JIC ..	1			Supply to Junct. Block) ..	1
12	TR-9698	Washer	6		VM-4227	Hose Assy.-3/8" x 22" ** (Air	
13	TR-9699	Plug	6			Supply to Junct. Block) ..	1
14	TF-4121	Hose Assy.-1/4" x 16" * (Quick Rel.		39	C-5770	Plug, Pipe-3/8"NPT	5
		Valve to L.H. Brake Cyl.) ...	1	40	SP-2442	Valve, Unloader (See Index) ..	1
	VM-4121	Hose Assy.-1/4" x 16" ** (Quick		41	HC-1581	Nipple, Close-1/8"NPT	2
		Rel. Valve to L.H. Brake Cyl.	1	42	TD-9746	Adaptor-90°	1
15	TD-9747	Adaptor-1/4"NPT x 1/2"-20 x 90°	4	43	TF-4139	Hose Assy.-1/4" x 39" ** (To Air Gage)	1
16	TR-9697	Adaptor	2		VM-4139	Hose Assy.-1/4" x 39" ** (To Air Gage)	1
17	R-5043	Cylinder Assy., Brake (See Index).	2	44	TF-4353	Hose Assy.-1/2" x 66" * (Treadle	
18	C-1602	Screw, Cap-3/8"-16nc x 1" ...	6			Valve to Junct. Block) ..	1
19	C-312	Washer, Lock-3/8"	8		VM-4353	Hose Assy.-1/2" x 66" ** (Treadle	
20	C-1521	Nut-3/8"-16nc	6			Valve to Junct. Block) ..	1
21	TD-9719	Adaptor	AR	45	TF-9725	Adaptor	1
22	HD-3675	Valve, Quick Release (See Index) .	1	46	TF-4264	Hose Assy.-3/8" x 102" * (To Scraper)	1
23	VH-5452	Bracket	1		VM-4264	Hose Assy.-3/8" x 102" ** (To Scraper)	1
24	C-7588	Screw, Cap-1/4"-20nc x 1" ...	2	47	DF-1870	Clamp, Hose	4
25	TF-4123	Hose Assy.-1/4" x 18" * (Quick		48	H-8136	Screw, Cap-1/4"-20nc x 1/2" ..	2
		Rel. Valve to R.H. Brake Cyl.)	1	49	S-2916	Ell, Street-1/4"NPT x 90° ..	1
	VM-4123	Hose Assy.-1/4" x 18" ** (Quick		50	TF-4462	Hose Assy.-1/4" x 96" * (Treadle	
		Rel. Valve to R.H. Brake Cyl.)	1			Valve to Trans. Air Cyl.) ##..	1
26	TG-596	Adaptor-1/2"NPT x 9/16"-18JIC ..	AR		VM-4462	Hose Assy.-1/4" x 96" ** (Treadle	
27	F-4037	Ell, Street-1/2"NPT x 90° ...	AR			Valve to Trans. Air Cyl.) ##..	1
28	C-5771	Plug, Pipe-1/2"NPT	AR	51	VD-4692	Elbow	2

Note:

- * Effective thru Serial Suffix CPA6-B, CPF6-T, also used on CPA6-F.
- ** Effective with Serial Suffix CPA6-C, CPF6-V except CPA6-F.
- # Used with Serial Suffix CPA6.
- ## Used with Serial Suffix CPF6.

(Effective With Serial Suffix CPA6-B & CPF6-S)

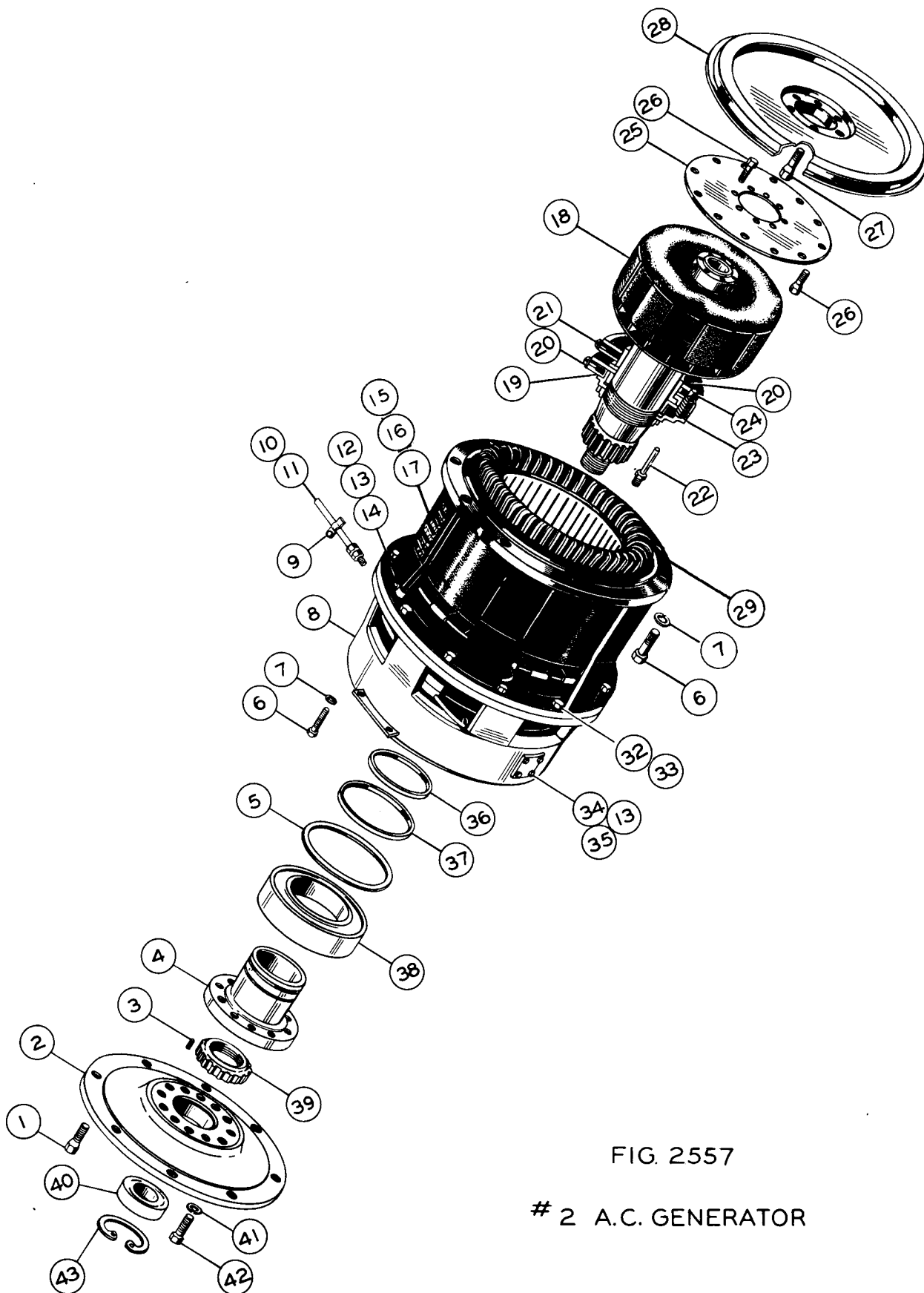


FIG. 2557

2 A.C. GENERATOR

FIGURE 2557

2 A.C. GENERATOR ASSEMBLY TG-7955 VD-9801

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	CD-3454	Screw, Cap-Taperhead *	12	26	DD-2752	Screw, Cap-Taperhead	20
2	CD-5589	Flywheel, Clutch *	1	27	DD-9486	Screw, Cap-Taperhead	6
	TR-9125	Flywheel, Clutch * (Effective with Ser. Suf. CPF6-M thru N)	1	28	TR-5581	Flywheel, Engine (Gear Comes With Engine)	1
	VF-3299	Flywheel, Clutch * (Effective with Ser. Suf. CPF6-R)	1	29	DL-2325	Frame, Stator & Winding Assy.	1
3	H-8711	Screw, Set-1/4"nc x 1/4"	1	32	C-1604	Screw, Cap-3/8"-16nc x 1 1/2"	14
4	TD-7515	Adaptor, Flywheel @	1	33	C-312	Washer, Lock-3/8"	14
	VD-4841	Adaptor, Flywheel @@	1	34	TG-5463	Plate Cover	1
5	DF-301	Shim-.007	AR	35	C-3145	Screw, Cap-1/4"-20nc x 5/8"	4
	DF-302	Shim-.005	AR	36	DD-7535	Ring @	2
6	C-1608	Screw, Cap-7/16"-14nc x 1" *	12	37	HE-1121	Retainer @	1
	H-594	Screw, Cap-7/16"-14nc x 1 1/4" * (Eff. with Ser. Suf. CPF6-C)	12	38	TC-9977	Bearing @	1
7	C-5775	Washer, Lock-7/16"	12		VC-9523	Bearing @@	1
8	DL-4945	Bell, End @	1	39	DD-7620	Nut, Lock	1
	VD-4843	Bell, End @@	1	40	TF-3947	Bearing, Pilot *	1
9	DL-4245	Clamp @	1	41	C-1540	Washer, Lock-1/2"	8
10	DL-4240	Tube Assembly	1	42	C-1688	Screw, Cap-1/2"-20nf x 3 3/4" * (Eff. thru Ser. Suf. CPF6-N)	8
11	DC-3600	Connector, Imp. @	1		C-1681	Screw, Cap-1/2"-20nf x 2" (Eff. with Ser. Suffix CPF6-R)	8
12	DD-1300	Clamp, Cable	1	43	VF-3298	Ring, Retainer (Eff. with Ser. Suf. CPF6-R)	1
13	C-5774	Washer, Lock-1/4"	5			Not Shown	
14	H-8136	Screw, Cap-1/4"-20nc x 1/2"	1		SV-2744	Pipe, Grease Inlet-1/8" x 9" @	1
15	SV-5574	Strip, Terminal	1		DC-5036	Clamp, Inlet Pipe @	1
16	DH-9562	Insulation	1		C-5746	Screw, Cap-1/4"-20nc x 3/4"	1
17	SR-4028	Screw, Machine-1/4"-20nc x 7/8"	4		C-315	Fitting, Grease-1/8" @	1
18	TG-7527	Rotor, Winding & Brush Assy.	1		R-4288	Plug, Pipe-1/2" @	1
19	DD-7952	Brush	2		DH-2629	Wire, D.C. Ground Brush Holder To End Bell	1
20	DD-8968	Holder, Brush	2		DH-2630	Wire, D.C. Field Brush Holder To Terminal Strip	1
21	SR-4032	Screw & Washer-1/4"-20nc x 3/8"	2		DL-4300	Strip, Copper (Terminal Strip)	1
22	DF-103	Stud	2				
23	DD-7991	Spring	2				
24	HE-9583	Insulator	4				
25	DD-572	Plate, Coupling	1				

* Not Included in Generator Assembly.
 @ Included in TG-7955 Generator Assembly.
 @@ Included in VD-9801 Generator Assembly.

Note: Generator Not Serviced as Assembly. Order Component Parts.
 Check Tournapull Option Plate or Generator Assembly Plate
 for Proper Assembly Number Before Ordering Parts.

(Used With Tournapulls With Fuller Transmissions)

2 A.C. GENERATOR

FIGURE 2567

2 GENERATOR - VH-2503 - VH-6567

Ref. No.	Part No.	Description	Qty.
1	VG-7256	UNIVERSAL JOINT ASSEMBLY #/##	1
2	TH-7988	FITTING, GREASE	1
3	TH-7986	CROSS ASSEMBLY, CENTER	1
4	DL-5054	SCREW, CAP	8
5	H-8711	SCREW, SET - 1/4" - 20NC x 1/4"	1
6	DD-7620	NUT, LOCK	1
7	VG-6918	ADAPTOR *	1
	VH-6564	ADAPTOR **	1
8	VC-9523	BEARING, BALL	1
9	VH-2306	BELL, END	1
10	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2"	14
11	C-312	WASHER, LOCK - 3/8"	14
12	DL-8421	CONNECTOR, TUBE #/π	1
13	VH-3218	TUBE ASSEMBLY #/π	1
14	SD-8661	CONNECTOR, TUBE #/π	1
15	C-315	FITTING, LUBE #/π	1
16	SV-5574	STRIP, TERMINAL	1
17	DH-9562	STRIP, INSULATION	1
18	SR-4028	SCREW, MACHINE - 1/4" - 20NC x 7/8"	4
19	DL-2325	STATOR & WINDING	1
20	H-594	SCREW, CAP - 7/16" - 14NC x 1 1/4"	12
21	C-5775	WASHER, LOCK - 7/16"	12
22	TG-7527	ROTOR, WINDING & BRUSH ASSEMBLY	1
23	DF-103	STUD	2
24	DD-7991	SPRING	2
25	HE-9583	INSULATOR	4
26	DD-8968	HOLDER, BRUSH	2
27	DD-7952	BRUSH	2
28	SR-4032	SCREW & WASHER - 1/4" - 20NC x 3/8"	2
29	DD-572	PLATE, COUPLING	1
30	DD-2752	SCREW, CAP - TAPERHEAD	20
31	DD-9486	SCREW, CAP - TAPERHEAD	6
32	TR-5581	FLYWHEEL, ENGINE (Gear Furnished with Engine)	1
NOTES: # NOT INCLUDED IN GENERATOR ASSEMBLY. * EFFECTIVE WITH SERIAL SUFFIX CPA6 ONLY. ** EFFECTIVE WITH SERIAL SUFFIX CPA6-A THRU CPA6-B. ## EFFECTIVE THRU SERIAL SUFFIX CPA6-C. π LUBRICATION FOR ALLISON TRANSMISSION FRONT BEARING. GENERATOR NOT SERVICED AS ASSEMBLY. ORDER COMPONENT PARTS. CHECK TOURNAPULL OPTION PLATE OR GENERATOR ASSEMBLY PLATE FOR PROPER ASSEMBLY NUMBER BEFORE ORDERING PARTS.			
(USED WITH ALLISON TRANSMISSIONS)			

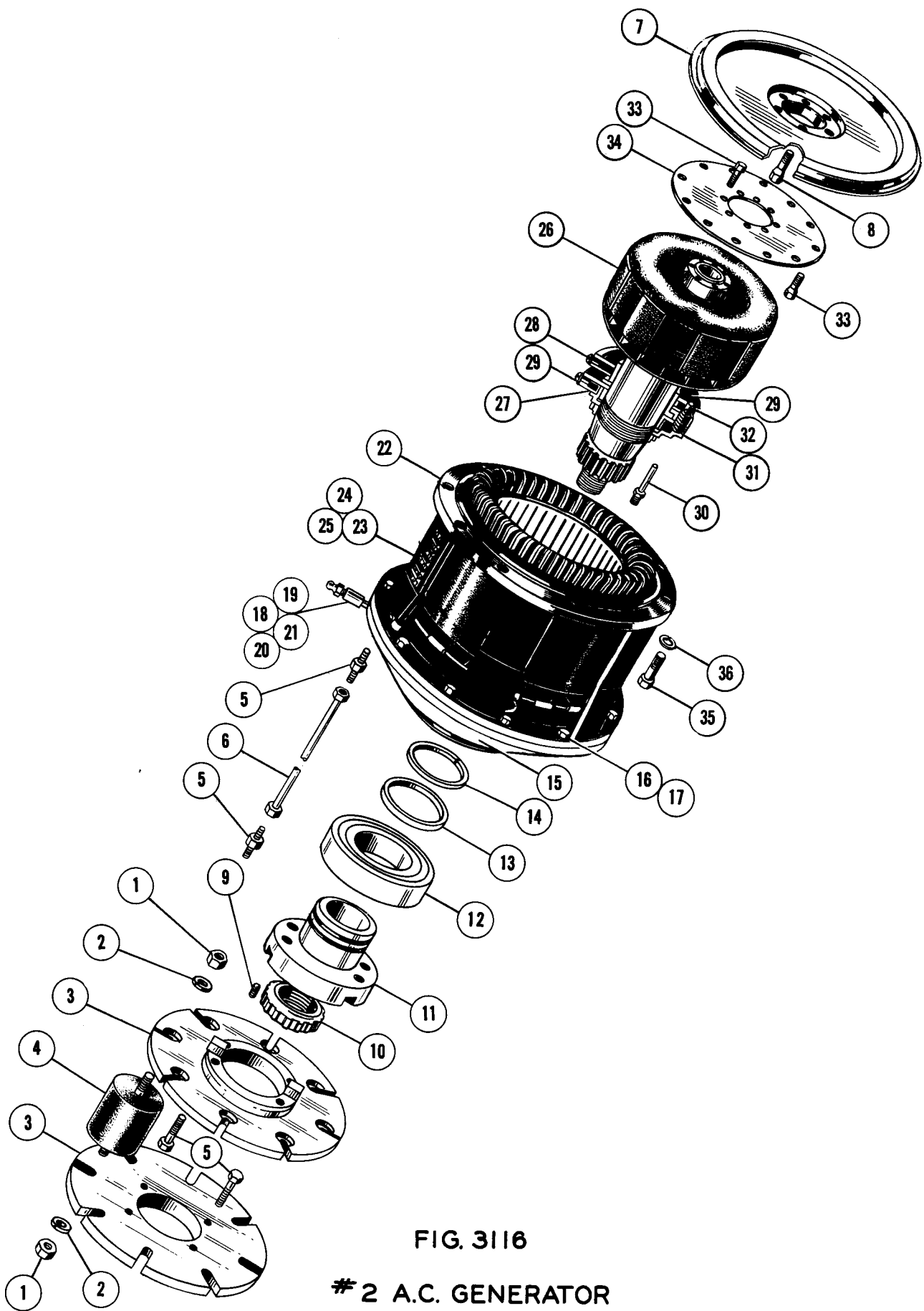


FIG. 3116

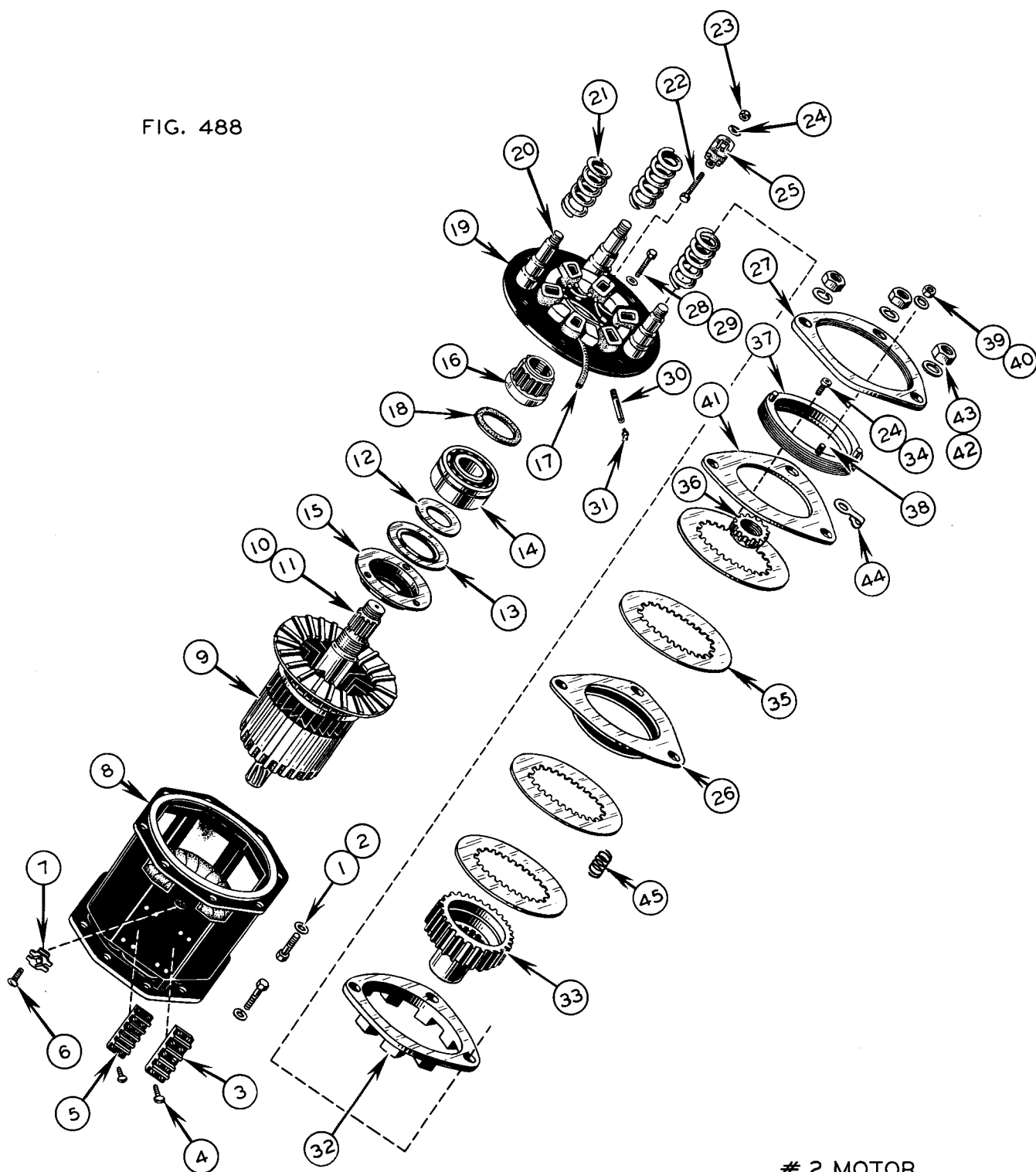
2 A.C. GENERATOR

FIGURE 3116

#2 A-C GENERATOR - VH-7627 VM-5172

Ref. No.	Part No.	Description	Qty.
1	VM-6857	NUT */**	16
2	VL-9789	WASHER, LOCK */**	16
3	VL-9788	ADAPTOR */**	2
4	VL-9790	DAMPNER */**	8
5	SD-8661	CONNECTOR */π	2
6	VH-3218	TUBE ASSEMBLY - 3/16" O.D. x 18" */π	1
	SD-8660	NUT	2
	SD-8659	SLEEVE	2
7	TR-5581	FLYWHEEL, ENGINE (GEARS FURNISHED WITH ENGINE) *	1
8	DD-9486	SCREW, CAP - TAPERHEAD *	6
9	H-8711	SCREW, SET - 1/4" - 20NC x 1/4"	1
10	DD-7620	NUT, LOCK	1
11	VL-5702	ADAPTOR #	1
	VM-5159	ADAPTOR ##	1
12	TC-9977	BEARING	1
13	HE-1121	RING, RETAINING	1
14	DD-7535	RING, PISTON	2
15	VL-5700	BELL, END	1
16	C-1604	SCREW, CAP - 3/8" - 16NC x 1 1/2"	14
17	C-312	WASHER, LOCK - 3/8"	14
18	SV-2744	NIPPLE, PIPE - 1/8"NPT x 9"	1
19	C-1231	COUPLING, PIPE - 1/8"NPT	1
20	C-315	FITTING, GREASE - 1/8"NPT	2
21	DC-5036	CLAMP, PIPE	1
	DD-1300	CLAMP, CABLE	1
	H-8136	SCREW, CAP - 1/4" - 20NC x 1/2"	2
	C-5774	WASHER, LOCK - 1/4"	2
22	DL-2325	STATOR & WINDING ASSEMBLY	1
23	SV-5574	STRIP, TERMINAL	1
24	DH-9562	STRIP, INSULATION	1
25	SR-4028	SCREW, MACHINE - 1/4" - 20NC x 7/8"	4
26	TG-7527	ROTOR & BRUSH ASSEMBLY	1
27	DD-7952	BRUSH	2
28	SR-4032	SCREW & WASHER - 1/4" - 20NC x 3/8"	2
29	DD-8968	HOLDER, BRUSH	2
30	DF-103	STUD	2
31	DD-7991	SPRING	2
32	HE-9583	INSULATOR	4
33	DD-2752	SCREW, CAP - TAPERHEAD	20
34	DD-572	PLATE, COUPLING	1
35	H-594	SCREW, CAP - 7/16" - 14NC x 1 1/4"	12
36	C-5775	WASHER, LOCK - 7/16"	12
NOTE:			
* NOT INCLUDED IN GENERATOR ASSEMBLY.			
** EFFECTIVE WITH SERIAL SUFFIX CPA6-D.			
# INCLUDED IN VH-7627 GENERATOR ASSEMBLY.			
SEE PRECEDING PAGE FOR UNIVERSAL JOINT.			
## INCLUDED IN VM-5172 GENERATOR ASSEMBLY.			
π LUBRICATION FOR ALLISON TRANSMISSION FRONT BEARING.			
GENERATOR NOT SERVICED AS ASSEMBLY.			
ORDER COMPONENT PARTS. CHECK TOURNAPULL			
OPTION PLATE OR GENERATOR TITLE PLATE FOR PROPER			
ASSEMBLY NUMBER BEFORE ORDERING PARTS.			

FIG. 488



2 MOTOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 488

2 MOTOR TD-7546 & TL-8730

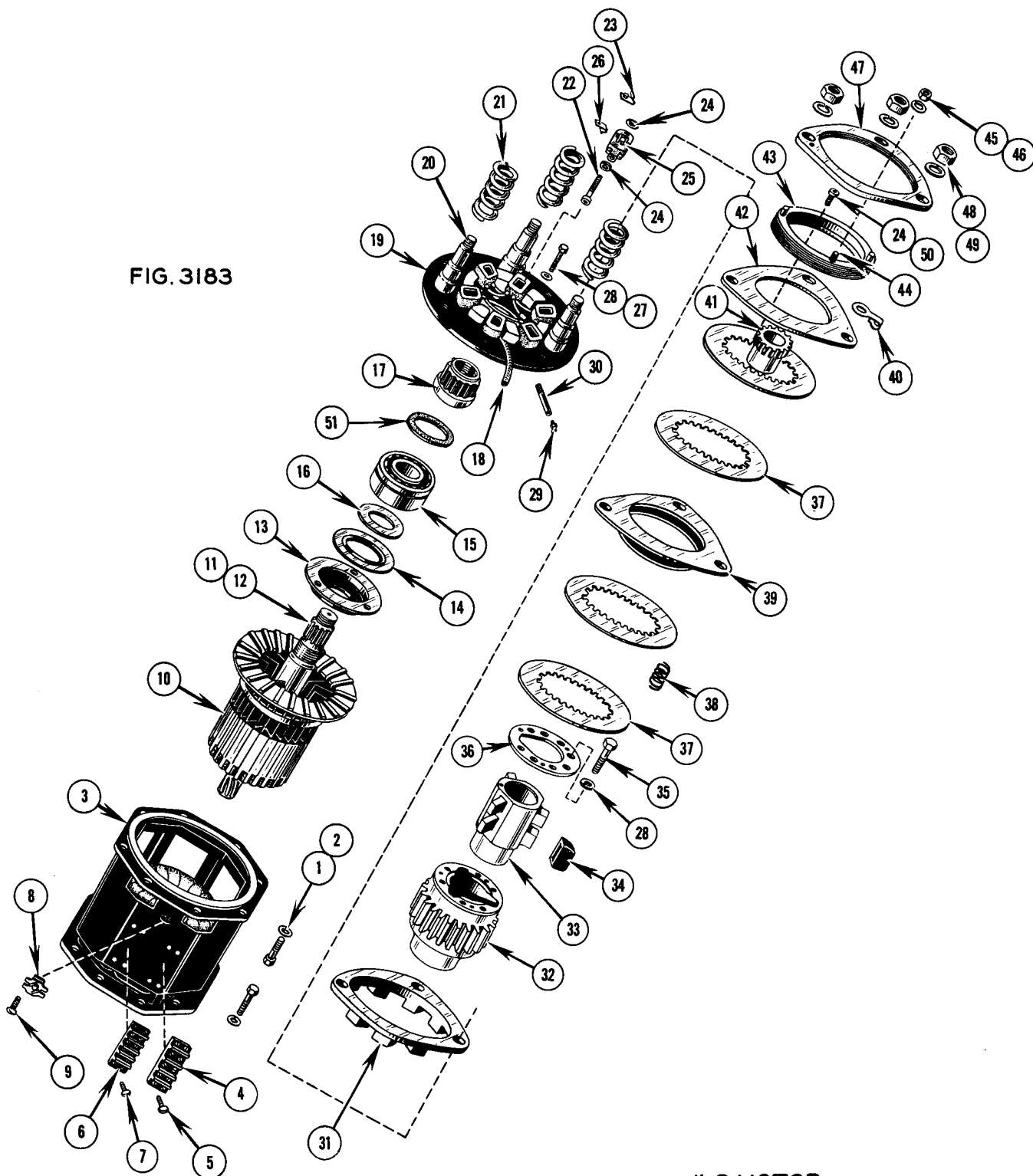
1800 R.P. M.

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1609	Screw, Cap-7/16"-20nc x 1 1/2" ..	16	23	DD-7501	Nut - 5/16" - 24nf	6
2	C-5775	Washer, Lock - 7/16"	16	24	C-1538	Washer, Lock - 5/16"	7
3	SR-8241	Strip, Terminal	1	25	TC-6471	Coil Assembly	6
	SR-4540	Strip, Insulation	1	26	DH-349	Spacer	1
4	DL-320	Screw - #8-32nc x 7/8" * ..	4	27	SF-327	Plate, Top Brake	1
	HD-8578	Washer - #8 Flat	4	28	SF-1192	Screw, Cap-3/8"-24nf x 2" ..	3
	SC-3544	Screw - #8-32 x 3/4" **	4	29	C-312	Washer, Lock - 3/8"	3
5	SR-8235	Strip, Terminal	1	30	DD-7254	Pipe, Grease	1
	DH-9868	Strip, Insulation *	1	31	DC-35	Fitting, Grease -45°	1
	DL-6684	Strip, Insulation **	1	32	DL-1476	Plate, Floating	1
6	SC-3545	Screw - #8-32 nc x 1/2" * ..	2	33	TC-9995	Hub *	1
7	DC-2862	Switch, Overload	1		SF-1307	Hub **	1
8	TD-7545	Stator Assembly	1	34	R-3870	Screw, Cap - 5/16"-18nc x 1/2" .	1
9	DL-2314	Rotor & Shaft Assembly *	1	35	TD-4400	Disc & Lining *	4
	DL-2316	Rotor & Shaft Assembly ** ..	1		VC-8434	Disc & Lining **	4
	DL-2240	Rotor	1	36	DD-1851	Nut	1
10	DD-7264	10-Tooth Pinion *	1	37	TF-6223	Nut, Adjusting	1
	DD-7293	8-Tooth Pinion **	1	38	TC-9963	Bolt, Lock	1
11	DD-7279	Key	1	39	C-1540	Washer, Lock - 1/2"	1
12	DH-484	Ring, Internal Seal	1	40	DL-1479	Nut - 1/2" - 13nc	1
13	DH-486	Ring, External Seal	1	41	SF-323	Disc, Stationary Brake	1
14	DG-7222	Bearing	1	42	DD-1726	Washer, Lock - 3/4"	3
15	DH-483	Retainer, Bearing	1	43	C-1528	Nut - 3/4" - 16nf	3
16	SV-6247	Locknut	1	44	SR-3983	Spring, Clip	3
17	DL-6860	Harness, Wire	1	45	DH-6793	Spring, Support	3
18	DD-2532	Seal, Felt	1		R-1709	Clamp - 1/4" Tube	1
19	DL-1475	Bell, Top End	1		DC-9353	Screw - #8-32nc x 1/4" } Not	1
20	DD-1588	Stud	3		DC-6143	Clamp - 1" Conduit } Shown	1
21	TD-8335	Spring *	3		DC-5604	Screw - 1/4"nc x 1/2" }	3
	VD-69	Spring **	3		DC-8163	Clamp - 3/8" Tube }	1
22	DL-24	Screw, Cap - 5/16"-24nf x 2 1/2" .	6				

* Used in TD-7546 Assembly.

** Used in TL-8730 Assembly.

FIG. 3183



2 MOTOR

FIGURE 3183

2 MOTOR ASSEMBLY VL-4476 VM-9528

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1609	Screw, Cap-7/16"-14nc x 1" ...	16	27	SF-1192	Screw, Cap-3/8"-24nf x 2" ..	3
2	C-5775	Washer, Lock-7/16"	16	28	C-312	Washer, Lock-3/8"	6
3	TD-7545	Stator Assembly *	1	29	DC-35	Fitting, Grease	1
	VM-9970	Stator Assembly **	1	30	DD-7254	Pipe, Grease (Inc. with DL-1475 End Bell)	1
4	SR-8245	Strip, Terminal	1	31	DL-1476	Plate, Floating	1
	DL-6682	Strip, Insulation	1	32	VL-7925	Hub, Clutch *	1
5	TD-7526	Screw, Self-Tapping-#8-32nc x 1"	4		VM-9516	Hub, Clutch **	1
	HD-8578	Washer, Flat-#8	4	33	VL-7924	Hub, Clutch *	1
6	SR-8235	Strip, Terminal	1		VM-9514	Hub, Clutch **	1
	DL-6684	Strip, Insulation	1	34	VH-6487	Block, Rubber (*Qty. -3)**	6
7	SC-3544	Screw, Self-Tapping-#8-32nc x 3/4" ..	4	35	C-1601	Screw, Cap-3/8"-16nc x 3/4" ..	3
8	DH-9867	Switch, Overload	1	36	VH-6482	Plate, Lock	1
9	SC-3545	Screw, Self-Tapping-#8-32nc x 1/2" ..	2	37	VC-8434	Disc, Lined	4
10	DL-2316	Rotor & Shaft Assembly	1	38	DH-6793	Spring, Support	3
	DL-2240	Rotor	1	39	DH-349	Spacer	1
11	DD-7293	Pinion-8 Tooth	1	40	SR-3983	Clip, Spring	3
12	DD-7279	Key	1	41	VH-6481	Nut, Lock *	1
13	DH-483	Retainer, Bearing	1		VM-9513	Nut, Lock **	1
14	DH-486	Ring, External Seal	1	42	SF-323	Disc, Stationary	1
15	DG-7222	Bearing	1	43	TF-6223	Nut, Adjusting	1
16	DH-484	Ring, Internal Seal	1	44	TC-9963	Bolt, Lock	1
17	SV-6247	Nut, Lock	1	45	C-1540	Washer, Lock-1/2"	1
18	DL-6860	Harness, Wire	1	46	DL-1479	Nut-1/2"-13nc	1
19	DL-1475	Bell, End	1	47	SF-327	Plate, Top Brake	1
20	DD-1588	Stud	3	48	DD-1726	Washer, Lock-3/4"	3
21	VD-69	Spring	3	49	C-1528	Nut-3/4"-16nf	3
22	TH-7502	Screw, Allen Head-5/16"-24nf x 2" ..	6	50	R-3870	Screw, Cap-5/16"-18nc x 1/2" ..	1
23	VC-6668	Spring, Retaining	6	51	DD-2532	Seal, Felt	1
24	C-1538	Washer, Lock	7				
25	VM-5262	Coil	6				
26	VC-3550	Spring, Retaining	6				
						Not Shown	
					DC-8163	Clamp, Wire Harness	1
					H-3336	Screw, Cap-1/4"-20nc x 3/8" ..	1

Note:

* Included in VL-4476 Motor Assembly.

** Included in VM-9528 Motor Assembly.

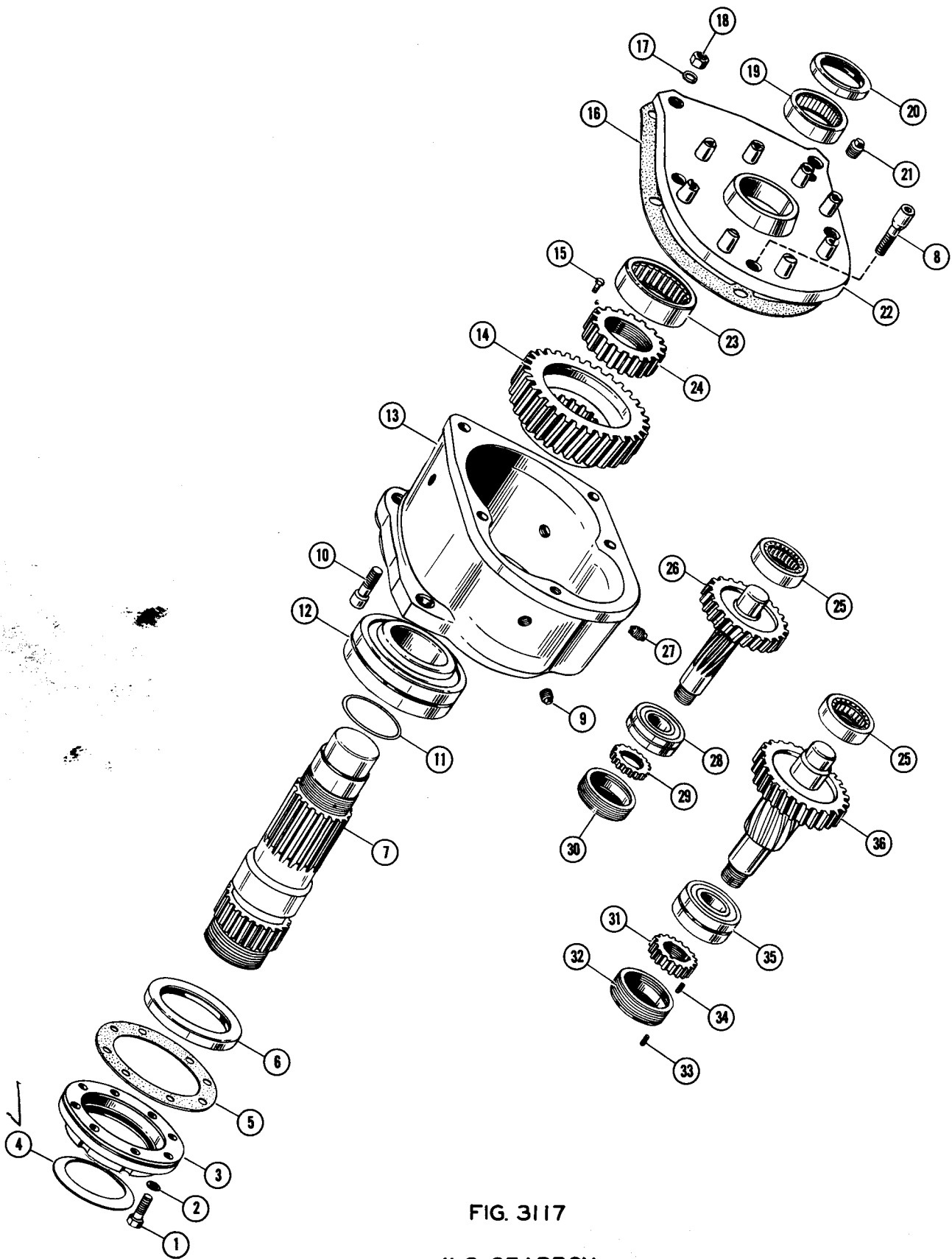


FIG. 3117

2 GEARBOX

563825



FIGURE 3117

SL-1486 TL-9266
#2 GEAR BOX ASSEMBLY TH-9062 VG-6777

Ref. No.	Part No.	Description	Qty.
1	SL-490	PIN, ROLL	8
2	TF-5023	SCREW, CAP	8
3	TC-783	RETAINER, BEARING	1
✓ 4	TC-784	"O" RING	1
✓ 5	SL-2545	GASKET	1
✓ 6	SG-4349	SEAL, OIL	1
7	SG-4327	SHAFT, OUTPUT *	1
	TC-5412	SHAFT, OUTPUT ** <i>Pinion</i>	1
8	SL-5025	RING, SEAL	1
9	F-2313	PLUG, DRILLED - 1/2"NPT	1
10	R-787	SCREW, CAP, SOCKET HEAD - 5/8" - 18NF x 2 1/2"	4
	DC-6203	SCREW, CAP, SOCKET HEAD - 5/8" - 18NF x 3"	1
✓ 11	SL-5023	"O" RING	1
12	VG-3634	BEARING	1
13	SL-2543	CASE	1
	VC-8572	CASE ### <i>592.08</i>	1
14	SG-3688	GEAR, MAIN	1
15	DD-7250	SCREW, CAP - 1/4" - 20NC x 3/8"	1
✓ 16	SC-1433	GASKET	1
17	C-1541	WASHER, LOCK - 5/8"	5
18	C-1526	NUT - 5/8" - 18NF	5
19	SF-1513	BEARING <i>N.D. 5208TS</i>	1
✓ 20	DC-8157	SEAL, OIL	1
21	C-5771	PLUG, PIPE - 1/2"NPT	2
22	SG-8825	PLATE, FACE <i>389.24</i>	1
23	SC-2503	BEARING <i>Hgott 5212T</i>	1
24	SG-3690	NUT	1
25	SF-1514	BEARING <i>N.D. 5207TS</i>	2
✓ 26	SG-3842	GEAR, 1st REDUCTION # <i>36 Tooth</i>	1
	SG-3843	GEAR, 1st REDUCTION ## <i>38 Tooth</i>	1
27	SF-9435	PLUG, MAGNETIC - 1/2"NPT	1
✓ 28	SG-2992	BEARING	1
29	SG-3828	NUT	1
30	SG-3386	CAP	1
31	SG-3829	NUT	1
32	SG-3385	CAP	1
33	S-9652	SCREW, SET - 1/4" - 28NF x 1/4"	2
34	SG-3840	SCREW, SET - 1/16" x 5/16"	2
✓ 35	SG-2032	BEARING	1
✓ 36	SG-3845	GEAR, 2nd REDUCTION	1
37	VF-5056	SCREW, CAP, SOCKET HEAD - 5/8" - 11NC x 3" ###	1
38	TR-2951	"O" RING ###	1
NOT SHOWN & NOT INCLUDED IN ASSEMBLY			
	SL-3670	SCREW, CAP (Gearbox Mounting)	4
	TD-3120	PLUG, OIL LEVEL	1
NOTE:			
* INCLUDED IN SL-1486 ASSEMBLY.			
** INCLUDED IN TH-9062, TL-9266 & VG-6777 ASSEMBLIES.			
# INCLUDED IN SL-1486 & TH-9062 ASSEMBLIES.			
## INCLUDED IN TL-9266 & VG-6777 ASSEMBLIES.			
### INCLUDED IN VG-6777 ASSEMBLY.			

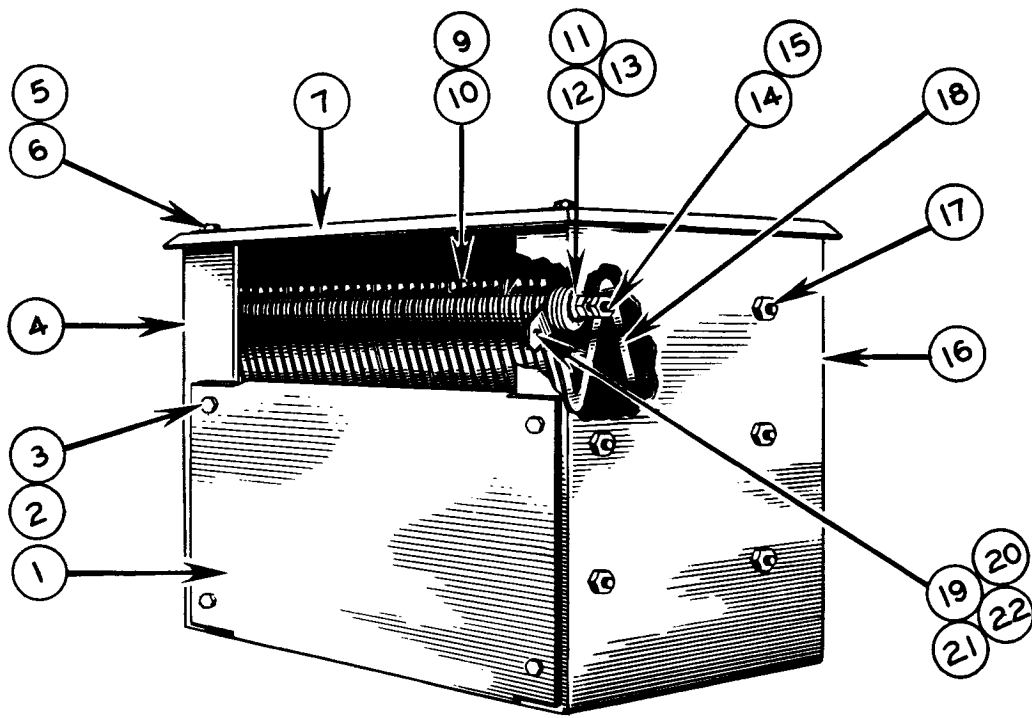


FIG. 1632 A
ELECTROTARDER

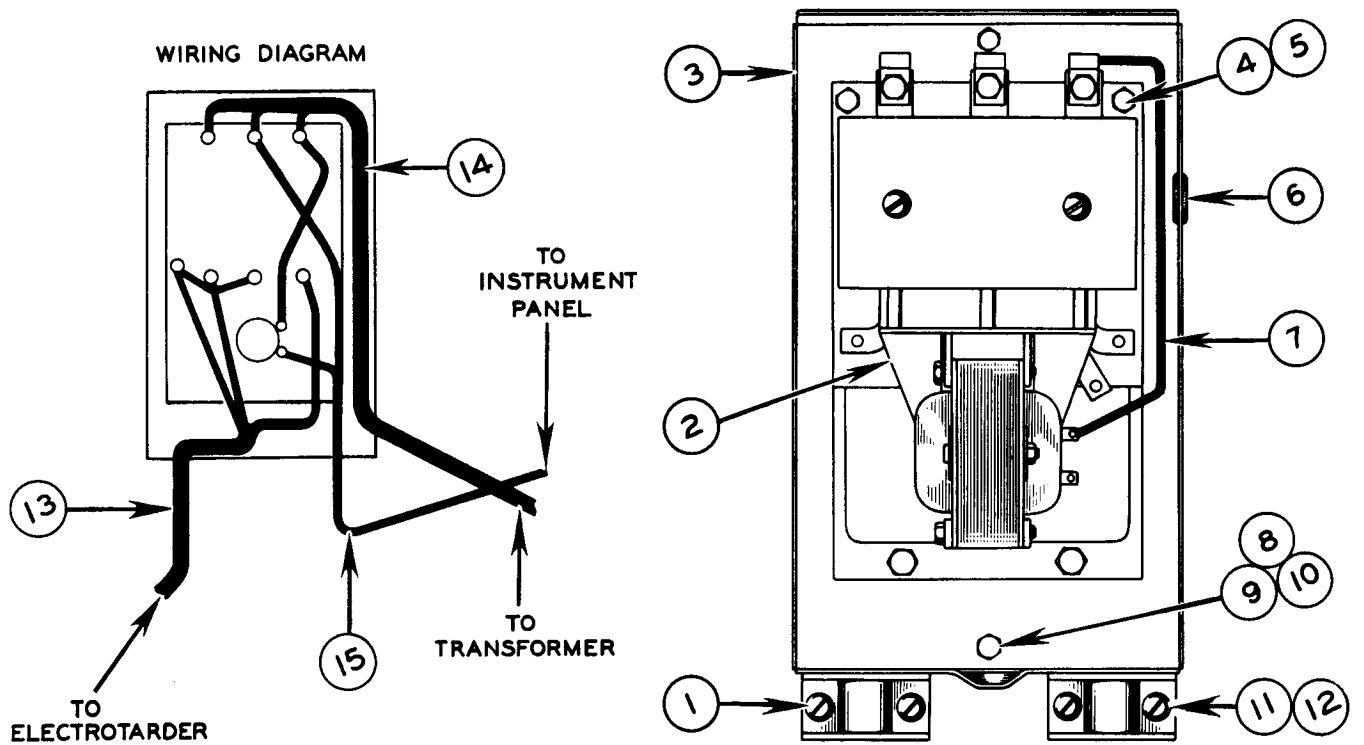


FIG. 1632 B
ELECTROTARDER SWITCH BOX

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1632A

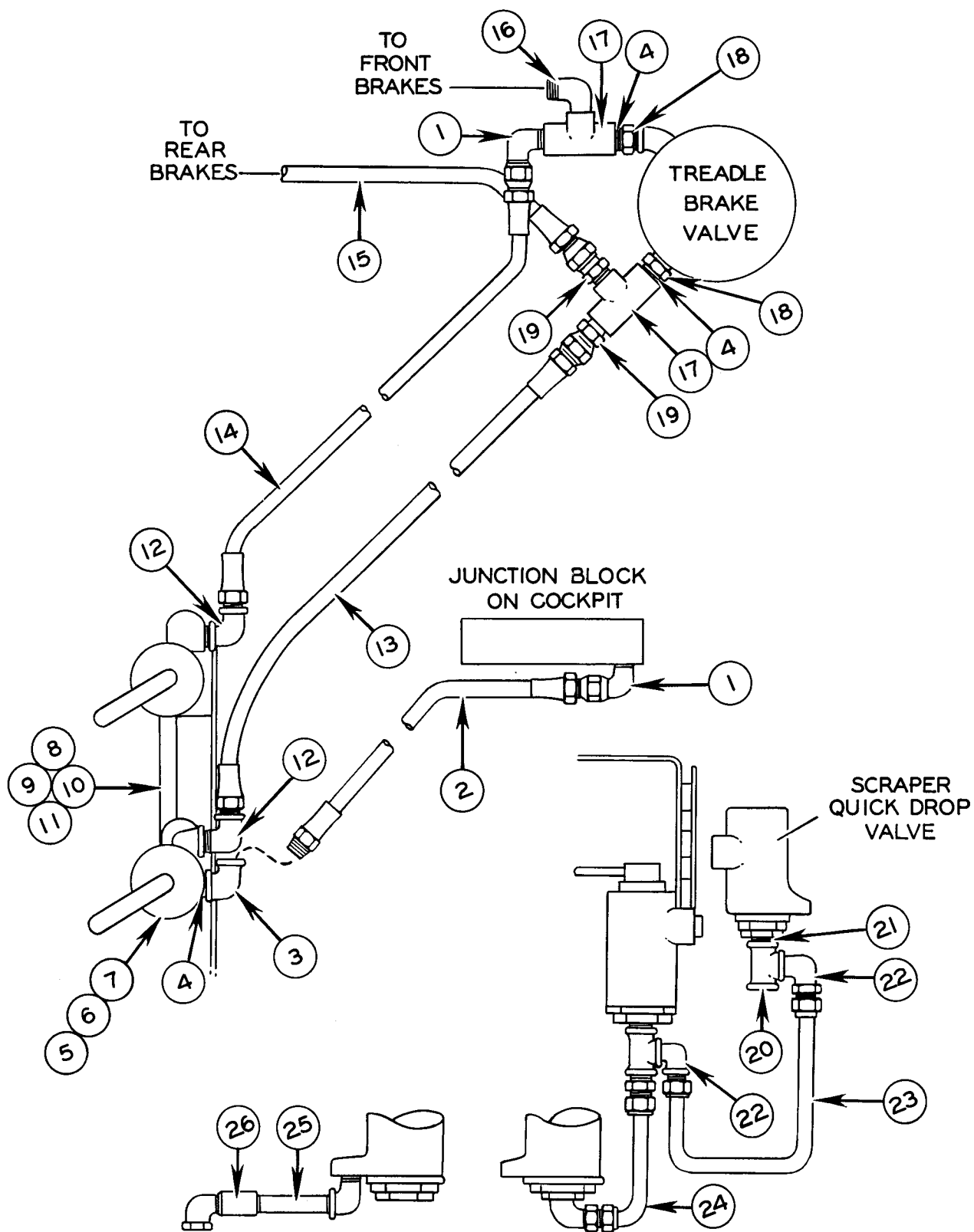
ELECTROTARDER - DH-7616

Ref. No.	Part No.	Description	Qty.
1	DF-6448	PLATE, COVER	1
2	C-1601	CAPSCREW - 3/8" NC x 3/4"	4
3	C-312	LOCKWASHER	8
4	TC-3587	SUPPORT, GRID - REAR	1
5	C-1602	CAPSCREW - 3/8" NC x 1"	4
6	C-1521	NUT - 3/8" NC	4
7	DF-6447	COVER	1
9	HD-1609	SPACER, STEEL	165
10	DF-6898	SPACER, MICA	88
11	DF-5480	SPACER, STEEL	68
12	C-1549	WASHER, WROUGHT	4
13	C-1523	NUT - 1/2" NC	4
14	DF-6430	ROD, SUPPORT	2
15	DF-6432	MICA, TUBE	2
16	TC-3586	SUPPORT - FRONT	1
17	C-1523	NUT - 1/2" NC	12
18	CD-3426	PLATE, GRID	58
19	HC-8278	LUG, TERMINAL	2
20	DF-2962	SCREW, MACHINE - 1/4" NC x 1/2"	2
21	DC-3584	LOCKWASHER - 1/4"	2
22	DD-2464	NUT - 1/4"	2
NOT SHOWN & NOT INCLUDED			
	SR-4860	CONNECTOR, BAR (INCLUDED IN ELECTROTARDER ASSEMBLY)	1
	DL-6078	BRACKET, MOUNT - FRONT	1
	DL-6089	BRACKET, MOUNT - REAR	1
	DL-6119	SHIELD, HEAT	1
	C-5746	CAPSCREW - 1/4" NC x 3/4"	3
	C-5774	LOCKWASHER - 1/4"	4
	C-5780	NUT - 1/4" NC	4
	DF-3470	STUD	1
	DD-1300	CLAMP	2
	C-5762	CAPSCREW - 5/8" NC x 1 1/2"	4
	C-1541	LOCKWASHER - 5/8"	4
	C-1525	NUT - 5/8" NC	4
NOTE: DF-6434 GRID ASSEMBLY (3 REQUIRED). INCLUDES REF. NO. 9 THRU 22 EXCEPT 16 & 17.			

FIGURE 1632B

ELECTROTARDER SWITCH BOX

1	DF-1311	GROMMET, CABLE	2
2	TC-9535	CONTACTOR - SEE INDEX	1
3	SR-9276	BOX, SWITCH	1
	DG-3971	COVER, SWITCH BOX	1
4	DH-4691	CAPSCREW - 1/4" NC x 1/2"	4
5	DD-2464	NUT	4
6	DF-3428	BUSHING - RUBBER	1
7	SR-9278	WIRE, JUMPER	1
8	C-1601	CAPSCREW - 3/8" NC x 1"	2
9	C-312	LOCKWASHER - 3/8"	2
10	C-1521	NUT - 3/8" NC	2
11	DF-1800	SCREW, MACHINE - 1/4" NC x 3/4" - FILLISTER HEAD	4
12	DF-1577	NUT - 1/4" NC SQUARE	4
13	DL-6086	CABLE	1
14	DL-6082	CABLE	1
15	DL-6084	CABLE	1



ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1692

PIPING - HAND BRAKE

Ref. No.	Part No.	Description	Qty.
1	TD-5556	ADAPTOR, MALE - 90°	2
2	TF-4226	HOSE ASSEMBLY - 3/8" x 22"	1
3	R-3188	ELBOW - 1/4"NPT x 90°	3
4	R-2510	NIPPLE, CLOSE - 1/4"NPT	4
5	CD-1633	VALVE, HAND (See Index) #	2
	VD-8469	VALVE, HAND (See Index) ##	2
6	C-5747	CAPSCREW - 5/16" NC x 3/4" #	4
	C-1601	CAPSCREW - 3/8" - 16NC x 3/4" ##	4
7	C-1538	LOCKWASHER - 5/16" #	4
	C-312	LOCKWASHER - 3/8" ##	4
8	DF-1787	TUBE, ASSEMBLY - 3/8" x 6"	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
9	R-2508	TEE - 1/4"NPT	1
10	H-8549	ELBOW, IMPERIAL (Body Only)	1
11	HC-2489	CONNECTOR, IMPERIAL (Body Only)	1
12	S-2916	ELL, STREET - 1/4"NPT	4
13	TF-4236	HOSE ASSEMBLY - 3/8" x 36"	1
14	TF-4230	HOSE ASSEMBLY - 3/8" x 27" *	1
	TF-4232	HOSE ASSEMBLY - 3/8" x 30" **	1
15	TF-4275	HOSE ASSEMBLY - 3/8" x 144"	1
16	TG-7442	ADAPTOR, MALE - 90°	1
17	DD-9468	VALVE, TWO-WAY *	2
	TL-9912	VALVE, TWO-WAY **	2
18	R-86	BUSHING - 3/8" x 1/4"NPT	2
19	TD-9720	ADAPTOR, MALE - STRAIGHT	2
20	R-2508	TEE - 1/4"NPT	1
21	R-2510	NIPPLE, CLOSE - 1/4"NPT	1
22	H-8549	ELBOW, IMPERIAL (Body Only)	2
23	DL-5706	TUBE, ASSEMBLY - 3/8" x 9 3/4"	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
24	DL-5704	TUBE ASSEMBLY - 3/8" x 10 7/8"	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
25	HC-1582	NIPPLE - 1/4"NPT x 5"	1
26	R-1359	SLEEVE - 1/4"NPT	1
NOTE: DL-6951, DL-6983 & VG-7252 HAND BRAKE GROUPS INCLUDE REF. NOS. 1 THRU 19. DL-6952 & DL-7755 COMBINATION HAND BRAKE & QUICK DROP GROUP INCLUDES REF. NOS. 1 THRU 7, 9 THRU 26. * INCLUDED IN DL-6951 & DL-6952 HAND BRAKE GROUP. ** INCLUDED IN DL-6983, DL-7755 & VG-7252 HAND BRK. GRP. # INCLUDED IN DL-6951, DL-6952, DL-6983 & DL-7755 HAND GROUP ## INCLUDED IN VG-7252 HAND BRAKE GROUP.			
(OPTIONAL)			

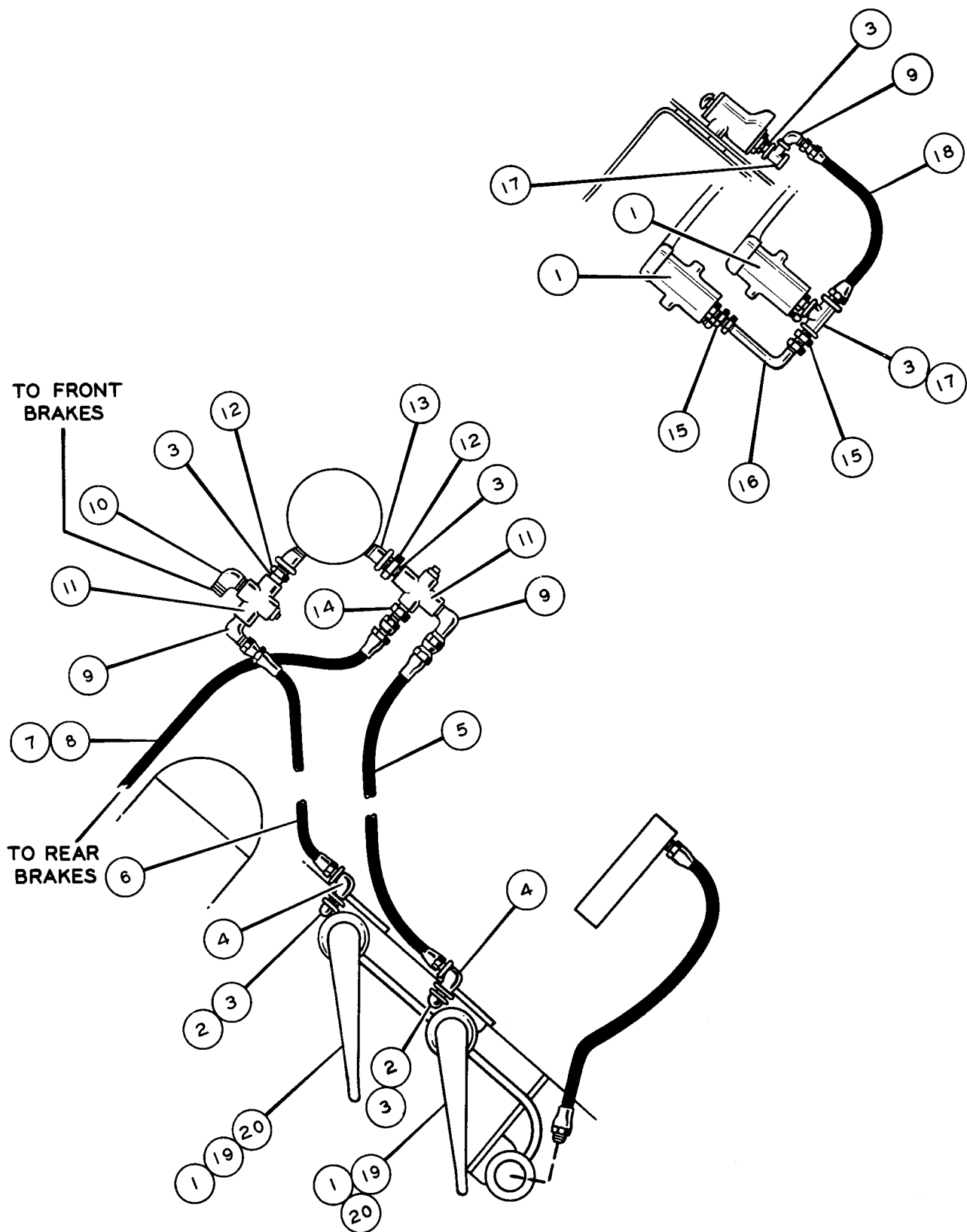


FIG. 2409

PIPING-HAND BRAKE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2409

PIPING - HAND BRAKE

Ref. No.	Part No.	Description	Qty.
1	VD-8469	VALVE, HAND AIR	2
2	S-2916	ELBOW, STREET - 1/4"NPT	2
3	R-2510	NIPPLE, PIPE - 1/4"NPT	6
4	R-3188	ELBOW, PIPE - 1/4"NPT	2
5	TF-4236	HOSE ASSEMBLY - 3/8" x 36"	1
6	TF-4232	HOSE ASSEMBLY - 3/8" x 30"	1
7	TF-4275	HOSE ASSEMBLY - 3/8" x 144"	1
8	TD-9725	ADAPTOR, STRAIGHT - 1/4"NPT x 3/8" - 18JIC	1
9	TD-5556	ADAPTOR - 90°	3
10	TG-7442	ADAPTOR - 90°	1
11	TL-9912	VALVE, TWO WAY	2
12	S-5823	BUSHING, REDUCING - 1/2" x 1/4"	2
13	R-5016	ELBOW, STREET - 1/2" x 45°	1
14	TD-9720	ADAPTOR, STRAIGHT - 3/8" NPT x 3/8" - 18JIC	1
15	HC-2489	ADAPTOR	2
16	VG-7272	TUBE ASSEMBLY	1
17	R-2508	TEE, PIPE - 1/4"NPT	2
18	TF-4214	HOSE ASSEMBLY - 3/8" x 12"	1
19	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	4
20	C-312	LOCKWASHER - 3/8"	4
		NOT SHOWN	
	C-5769	PLUG, PIPE - 1/4"NPT	1
VG-7271 HAND BRAKE VALVE GROUP INCLUDES REF. NOS. 1 THRU 20.			
(OPTIONAL)			

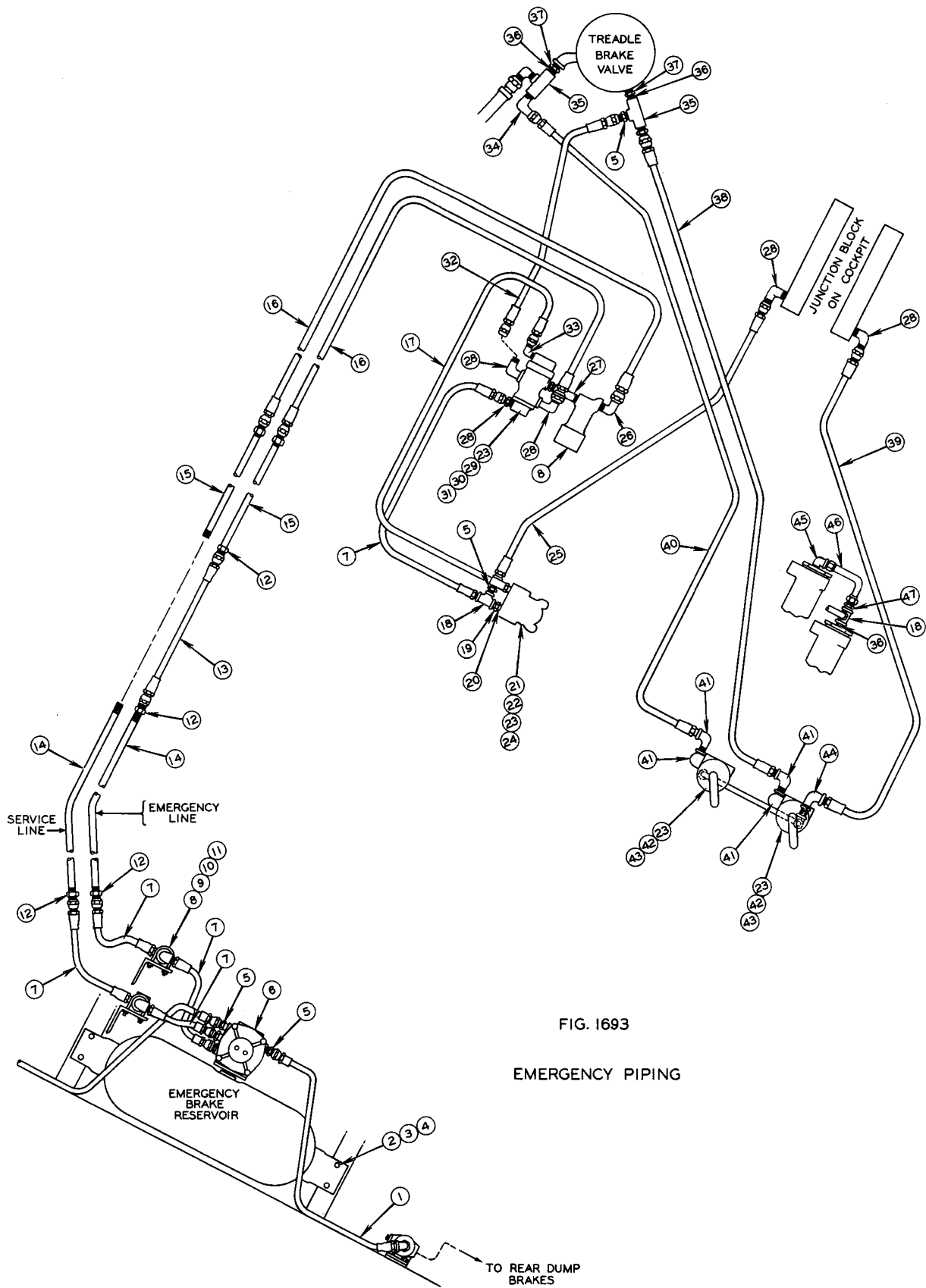


FIG. 1693

EMERGENCY PIPING

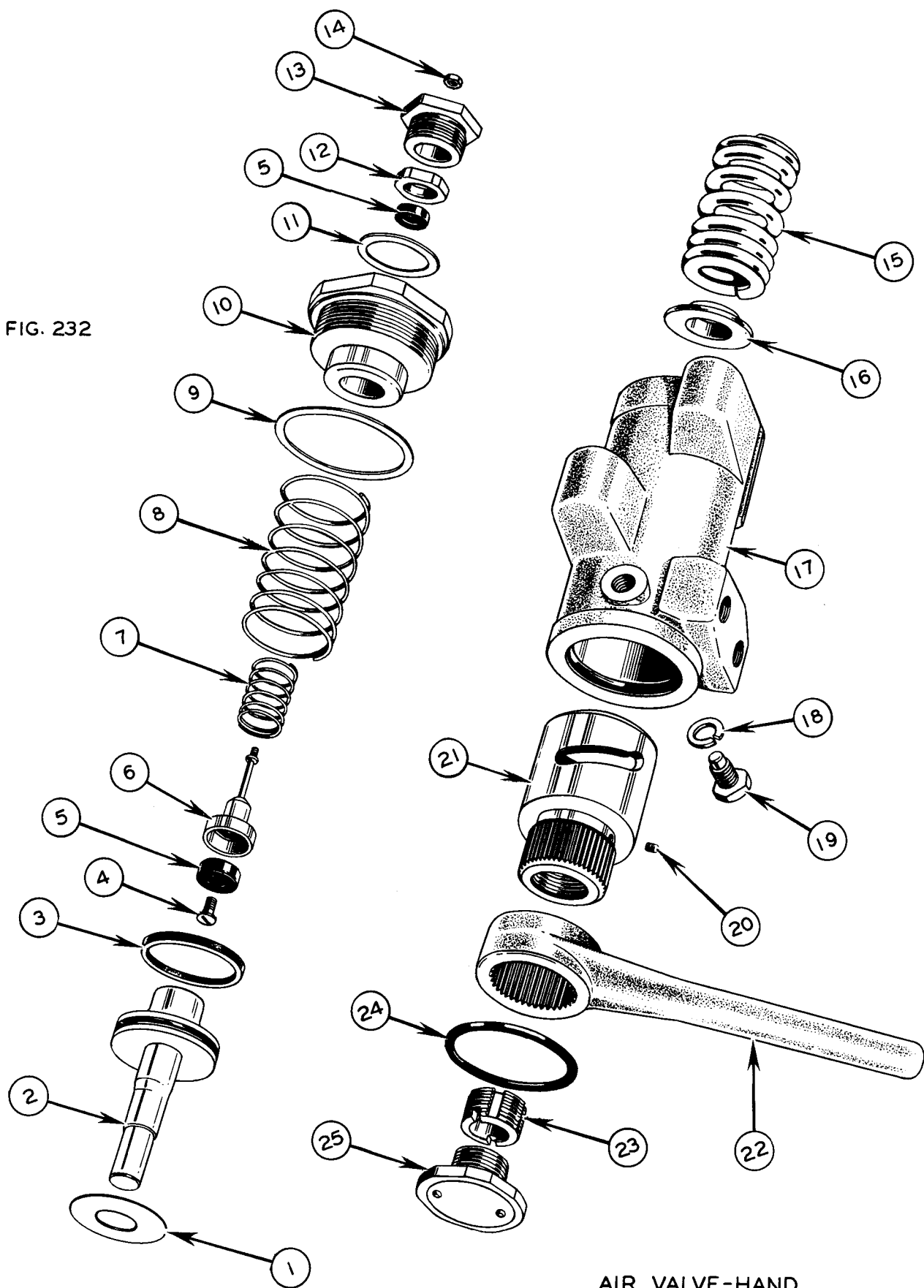
ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1693

EMERGENCY PIPING GROUP DL-6898

Ref. No.	Part No.	Description	Qty.
1	TF-4240	HOSE ASSEMBLY - 3/8" x 42"	2
2	C-1601	CAPSCREW - 3/8" NC x 3/4"	10
3	C-312	LOCKWASHER - 3/8"	10
4	C-1547	WASHER, PLAIN - 3/8"	4
5	TD-9720	ADAPTOR, MALE - STRAIGHT	8
6	TG-7861	RELAY - EMERGENCY VALVE & RESERVOIR ASSY.	1
	TH-3855	RESERVOIR COMPLETE	1
	TH-3856	GROMMET	1
	SR-3585	COCK, DRAIN - 1/4" NPT	1
	TH-3857	VALVE, RELAY - EMERGENCY (See Index)	1
	C-5769	PLUG, PIPE - 1/4" NPT	2
	HC-1851	COCK, DRAIN - 1/4" NPT	1
7	TF-4212	HOSE ASSEMBLY - 3/8" x 11"	5
8	DH-5178	AIR CLEANER ASSEMBLY	3
9	DH-5404	"V" BOLT	2
10	C-5774	LOCKWASHER - 1/4"	4
11	C-5780	NUT - 1/4" NC	4
12	TD-9725	ADAPTOR, FEMALE - STRAIGHT	4
13	TF-4231	HOSE ASSEMBLY - 3/8" x 27"	1
14	TF-7436	AIR LINE - 1/4" PIPE x 74"	2
15	DF-4238	AIR LINE - 1/4" PIPE x 130 1/2"	2
16	TF-4277	HOSE ASSEMBLY - 3/8" x 156"	2
17	TF-4416	HOSE ASSEMBLY - 1/4" x 13"	1
18	R-2508	TEE, PIPE - 1/4" NPT	2
19	HC-1580	BUSHING - 1/4" x 1/8" NPT	1
20	DC-5608	NIPPLE, CLOSE - 1/8" NPT	1
21	DH-7405	GOVERNOR "TYPE D" (See Index)	1
22	C-5748	CAPSCREW - 5/16" NC x 3"	2
23	C-1538	LOCKWASHER - 5/16"	8
24	DH-7771	MOUNT BAR, GOVERNOR	1
25	TF-4217	HOSE ASSEMBLY - 3/8" x 13"	1
26	TD-5556	ADAPTOR, MALE - 90°	3
27	DC-2361	NIPPLE - 1/4" NPT x 2"	1
28	TD-5557	ADAPTOR, MALE - 90°	4
29	SV-8047	VALVE, TRACTOR PROTECTION (See Index)	1
30	R-5412	CAPSCREW - 5/16" NC x 3 1/4"	2
31	C-1520	NUT - 5/16" NC	2
32	TF-4221	HOSE ASSEMBLY - 3/8" x 16"	1
33	TD-9747	ADAPTOR, MALE - 90°	1
34	TG-7442	ADAPTOR, MALE - 90°	1
35	DD-9468	VALVE, TWO-WAY	2
36	R-2510	NIPPLE, CLOSE - 1/4" NPT	4
37	R-86	BUSHING - 1/4" x 3/8" NPT	3
38	TF-4236	HOSE ASSEMBLY - 3/8" x 36"	1
39	TF-4226	HOSE ASSEMBLY - 3/8" x 22"	1
40	TF-4230	HOSE ASSEMBLY - 3/8" x 27"	1
41	S-2916	ELL, STREET - 1/4" NPT	4
42	CD-1633	VALVE, HAND BRAKE (See Index)	2
43	C-5747	CAPSCREW - 5/16" NC x 3/4"	4
44	R-3188	ELL - 1/4" NPT x 90°	1
45	H-8549	ELBOW, IMPERIAL #69 (Body Only)	1
46	DF-1787	TUBE ASSEMBLY - 3/8" x 6"	1
	R-7013	SLEEVE	2
	R-5115	NUT	2
47	HC-2489	CONNECTOR, IMPERIAL #68 (Body Only)	1
		NOT SHOWN	
	TF-7435	PLATE, COVER - RELAY EMERGENCY VALVE	1
		(OPTIONAL) (USED WITH REAR DUMP)	

FIG. 232



AIR VALVE-HAND

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 232

AIR VALVE ASSEMBLY CD-1633

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

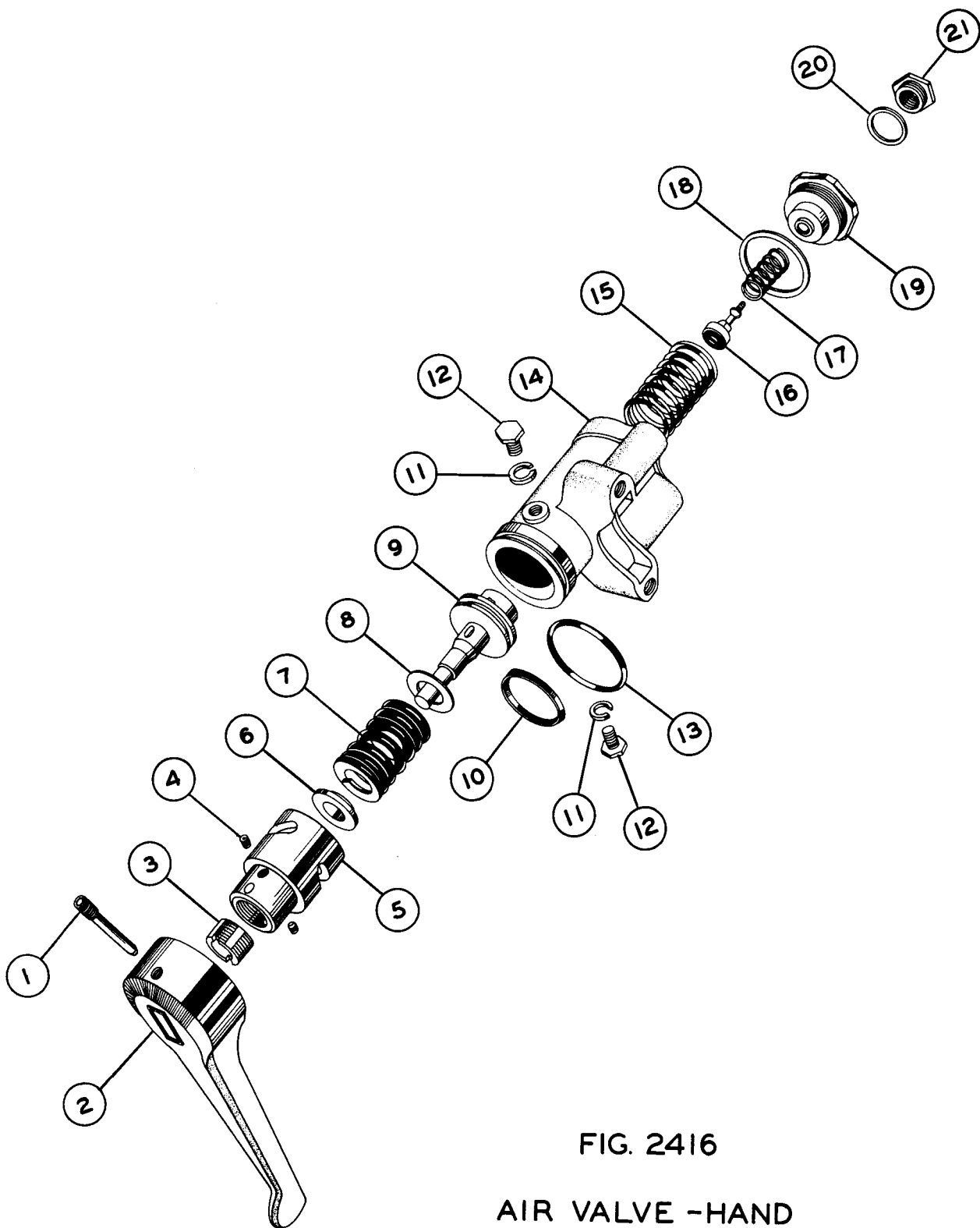


FIG. 2416

AIR VALVE -HAND

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2416

AIR VALVE ASSEMBLY - VD-8469

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

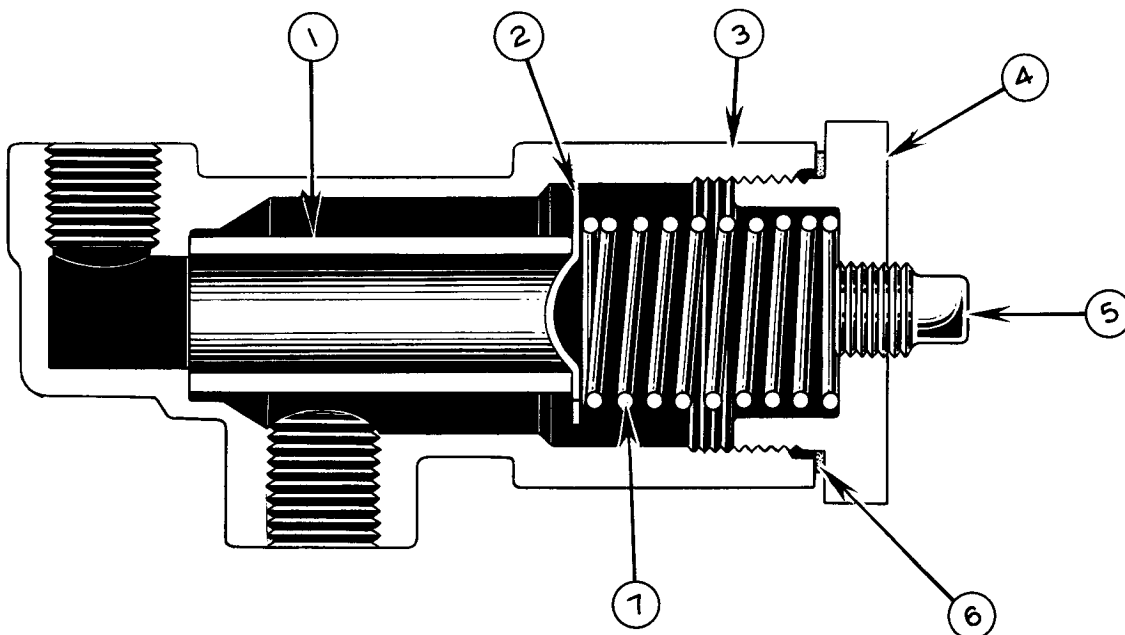


FIG. 1690 A
AIR CLEANER ASSEMBLY

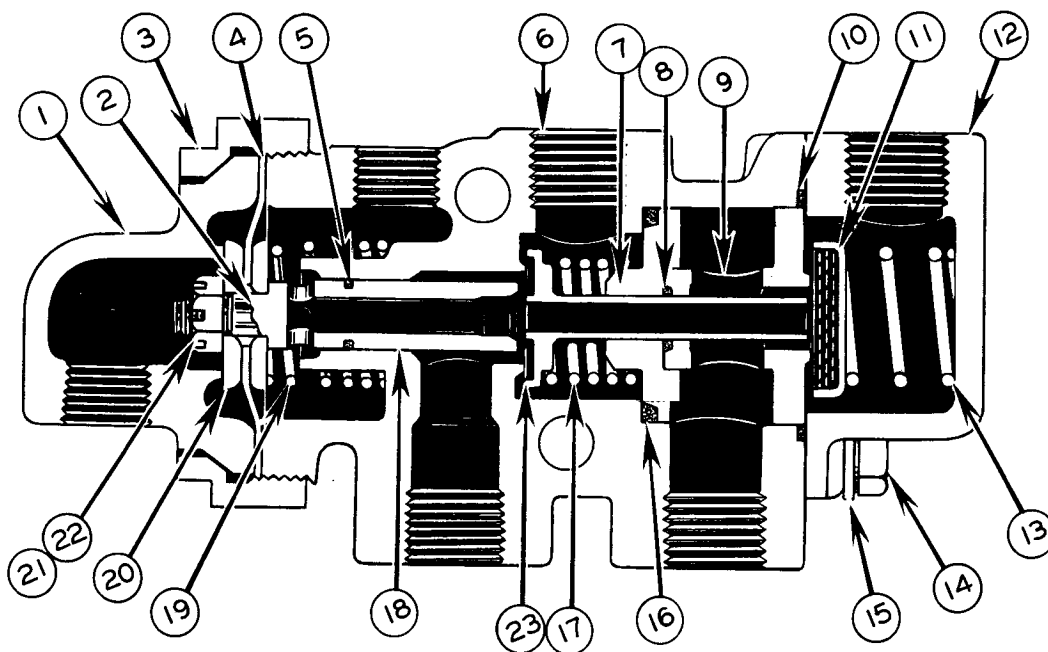


FIG. 1690 B
TRACTOR PROTECTION VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1690A

AIR CLEANER ASSEMBLY DH-5178

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

FIGURE 1690B

TRACTOR PROTECTION VALVE ASSEMBLY DH-4893

1	SR-1586	CAP	1
2	TC-4401	GROMMET	1
3	SR-1587	NUT, CAP	1
4	TC-4400	DIAPHRAGM	1
5	SR-1585	GROMMET	1
6	SV-6837	BODY	1
7	SV-6839	GUIDE, VALVE	1
8	SP-9047	GROMMET	1
9	SV-6840	SEAT, VALVE	1
10	SR-1574	GROMMET, BODY	4
11	SR-1575	VALVE, DISCHARGE	4
12	SV-6842	COVER	1
13	SV-6841	SPRING	1
14	SH-5979	CAPSCREW	1
15	SG-1184	LOCKWASHER	1
16	SR-1572	GROMMET	1
17	SR-1576	SPRING	1
18	SV-6845	PLUNGER	1
19	SV-6843	SPRING	1
20	SV-6846	FOLLOWER	2
21	SR-1584	NUT	1
22	SG-1177	PIN, COTTER	1
23	SV-6838	VALVE	1
	SV-6847	PLUG, PIPE	1
NOTE: SV-6844 EXHAUST VALVE PLUNGER ASSEMBLY INCLUDES REF.NOS. 2, 4, 18, 20 THRU 22.			
(USED WITH EMERGENCY BRAKE SYSTEM)			

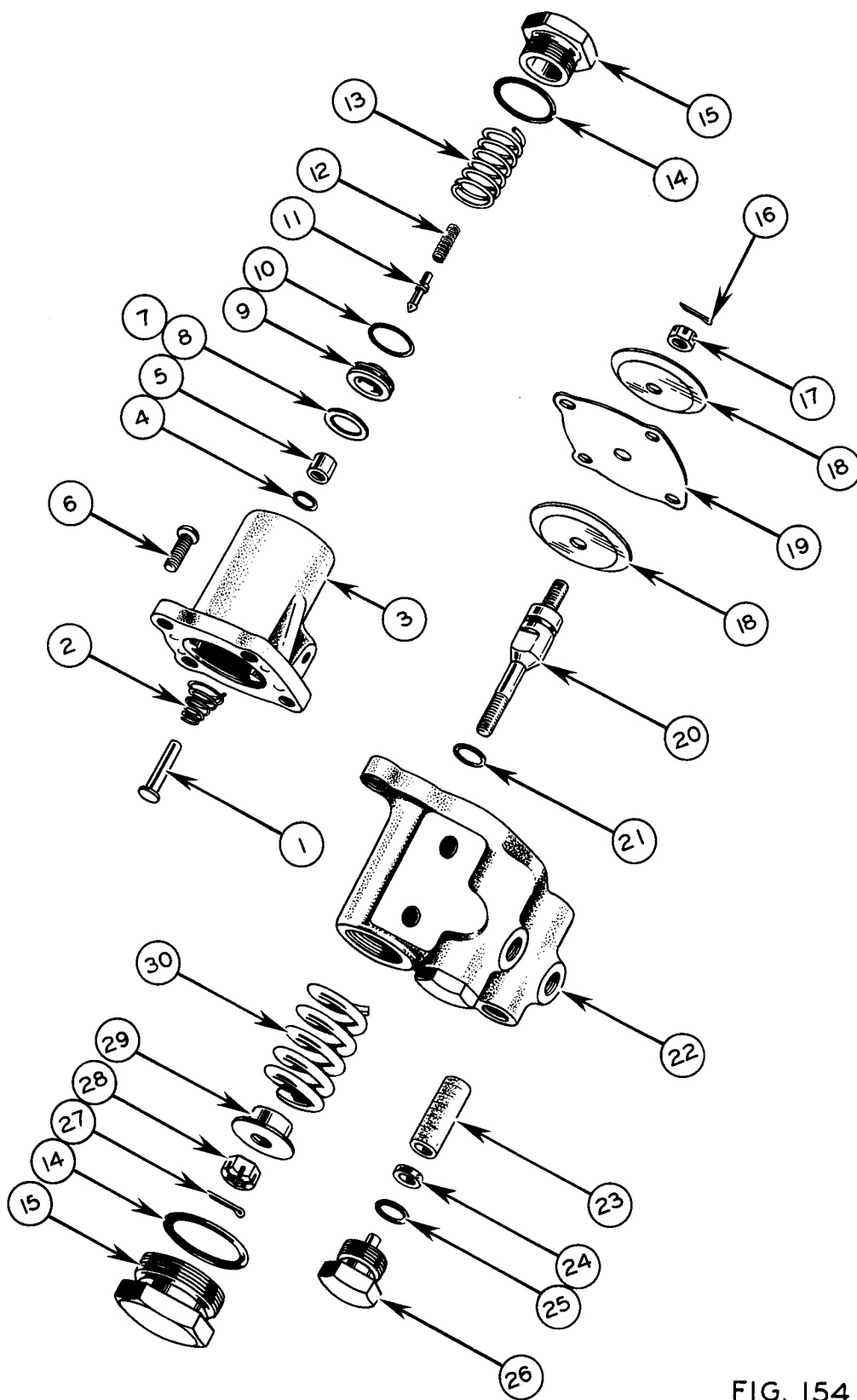


FIG. 154

GOVERNOR

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 154

GOVERNOR "TYPE D" VALVE ASSEMBLY DH-7405

Ref. No.	Part No.	Description	Qty.
1	SR-4577	STEM, EXHAUST	1
2	SR-4576	SPRING	1
3	SR-4565	BODY, VALVE	1
4	SR-1583	GROMMET	1
5	SR-4566	BUSHING, GUIDE	1
6	SR-4589	SCREW, MACHINE - 1/4" - 20 NC	4
7	SR-4567	SHIM - .010	AR
8	SR-4568	SHIM - .003	AR
9	SR-4570	SEAT, INLET VALVE	1
10	SR-4569	GROMMET	1
11	SR-4571	VALVE, INLET EXHAUST	1
12	SR-4572	SPRING, INLET VALVE	1
13	SR-4573	SPRING, SEAL RETAINING	1
14	SR-4574	RING, SEALING	2
15	SR-4575	CAP, SCREW	2
16	SR-4583	PIN, COTTER - 1/16" x 3/8"	1
17	SR-6717	NUT, SLOTTED - 1/4" - 28 NF	1
18	SR-4581	FOLLOWER	2
19	SR-4582	DIAPHRAGM	1
20	SR-4580	STEM, DIAPHRAGM	1
21	SR-4584	GROMMET	1
22	SR-4578	CAGE, SPRING	1
23	SR-4591	FILTER	2
24	SR-4590	WASHER, RUBBER	2
25	SR-4592	RING, SEALING	2
26	SR-4593	CAPSCREW	2
27	SR-4588	PIN, COTTER	1
28	SR-4587	NUT, SLOTTED - SPECIAL	1
29	SR-4586	SEAT, SPRING	1
30	SR-4585	SPRING, GRADUATING	1
NOTE: SR-4564 VALVE BODY COMPLETE INCLUDES REF. NOS. 3, 4, & 5. SR-4579 STEM & DIAPHRAGM ASSEMBLY INCLUDES REF. NOS. 16 THRU 21. PRESSURE SETTING 85# TO 105#.			
(USED WITH EMERGENCY BRAKE SYSTEM)			

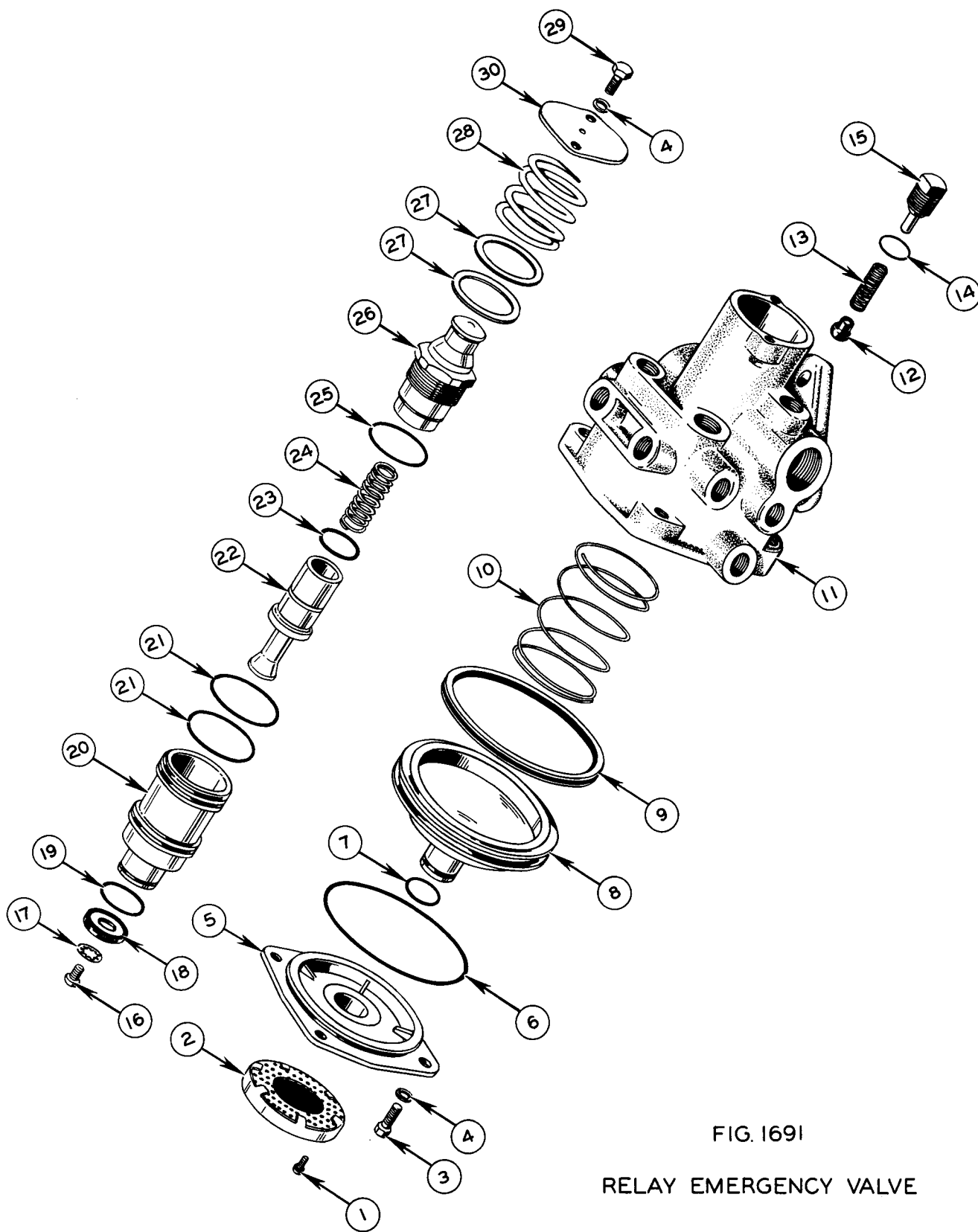


FIG. 1691

RELAY EMERGENCY VALVE

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 1691

RELAY - EMERGENCY VALVE ASSEMBLY TH-3857

Ref. No.	Part No.	Description	Qty.
1	TH-3888	SCREW, MACHINE - #6	2
2	TH-3887	FILTER, AIR	1
3	SH-5979	CAPSCREW - 5/16" - 18	4
4	SV-1319	LOCKWASHER - 5/16"	6
5	TH-3884	COVER	1
6	TH-3885	GROMMET	1
7	TH-3883	GROMMET	1
8	TH-3881	PISTON, RELAY	1
9	TH-3882	RING	1
10	TH-3880	SPRING, PISTON RETURN	1
11	TH-3858	BODY COMPLETE	1
12	TH-3877	VALVE, CHECK	1
13	TH-3878	SPRING, CHECK VALVE	1
14	TH-3889	GROMMET	1
15	TH-3879	CAPSCREW	1
	TH-3860	PISTON & VALVE ASSEMBLY, EMERGENCY	1
16	TH-3869	SCREW, MACHINE - 5/16" - 18	1
17	TH-3868	WASHER, SPECIAL	1
18	TH-3867	VALVE, EXHAUST	1
19	TH-3871	GROMMET	1
20	TH-3861	PISTON, EMERGENCY	1
21	TH-3870	GROMMET	2
22	TH-3862	VALVE, INLET	1
23	TH-3863	GROMMET, INLET VALVE	1
24	TH-3864	SPRING, VALVE	1
25	TH-3865	GROMMET	1
26	TH-3866	NUT, CAP	1
27	TH-3872	SHIM - .010	AR
	TH-3873	SHIM - .020	AR
28	TH-3874	SPRING, EMERGENCY PISTON	1
29	TH-3876	CAPSCREW - 5/16" - 18	2
30	TH-3875	COVER	1
(USED WITH EMERGENCY BRAKE SYSTEM)			

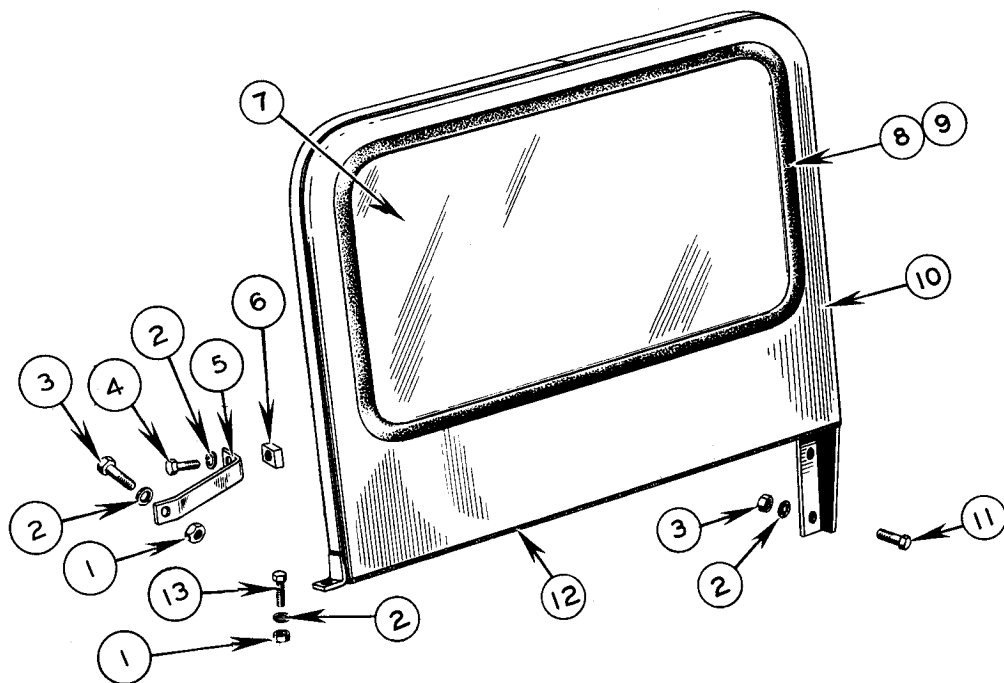


FIG. 2396 A
WINDSHIELD

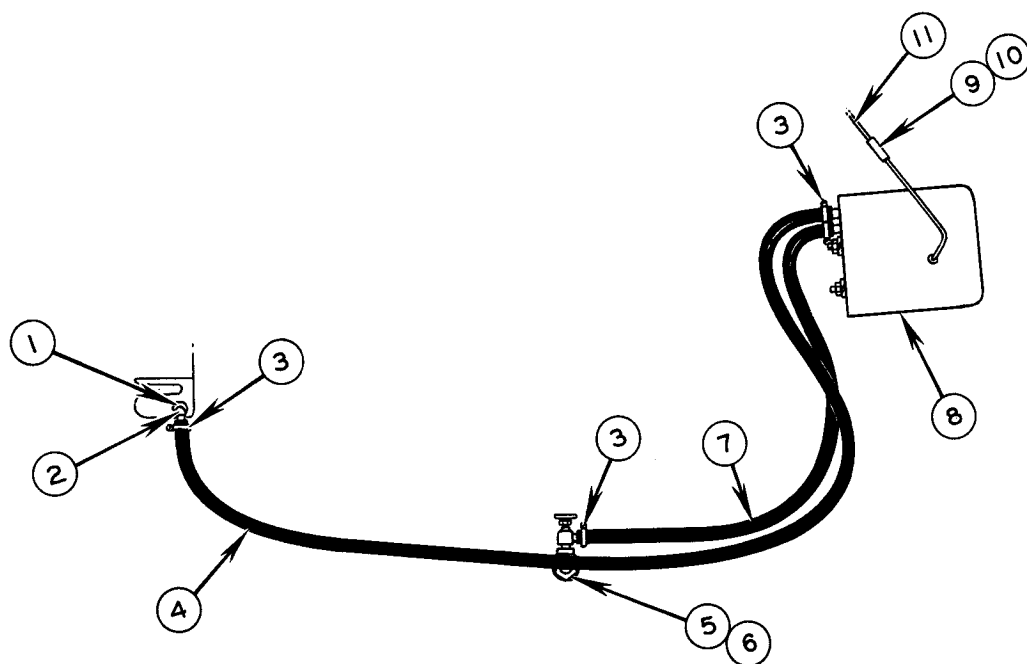


FIG. 2396 B
HEATER

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2396A

WINDSHIELD TF-1915

Ref. No.	Part No.	Description	Qty.
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 - 3/8" - 16NC x 5/8"	1
5	TF-1913	BRACE	1
6	SV-2499	PAD, TAPPED	1
7	SP-9258	GLASS, WINDSHIELD	1
8	SG-1357	STRIP, WEATHER	1
9	SG-4654	STRIP, FILLER	1
10	SV-2497	FRAME, WINDSHIELD	1
11	C-1601	CAPSCREW - 3/8" - 16NC x 3/4"	1
12	SR-3929	STRIP, RUBBER	1
13	C-1602	CAPSCREW - 3/8" - NC x 1"	1
(OPTIONAL)			

FIGURE 2396B

HEATER - VF-3287

1	H-3018	BUSHING, REDUCING - 1/2" x 3/8"	1
2	TV-2642	ELBOW, HOSE CONNECTOR	1
3	CD-8419	CLAMP, HOSE	4
4	DH-6606	HOSE, HEATER - 5/8" x 90"	1
5	HC-1581	NIPPLE, CLOSE - 3/8"	1
6	DC-1916	TEE, PIPE - 3/8"	1
7	VF-3265	HOSE, HEATER - 5/8" x 54"	1
8	SP-4401	HEATER	1
9	SF-9896	DISCONNECT, KNIFE	1
10	HC-9046	SLEEVE, INSULATING	1
11	VF-1938	WIRE - TO HEATER SWITCH	1
NOT SHOWN			
	VF-1937	WIRE - KEY SWITCH TO HEATER SWITCH	1
	SV-6475	BOARD, SPACER	1
	R-925	CLIP, JIFFY	2
	SC-5252	SCREW - #8 x 3/4"	2
	SD-2599	LOCKWASHER - #8	2
	R-4948	NUT - #8	2
(OPTIONAL)			

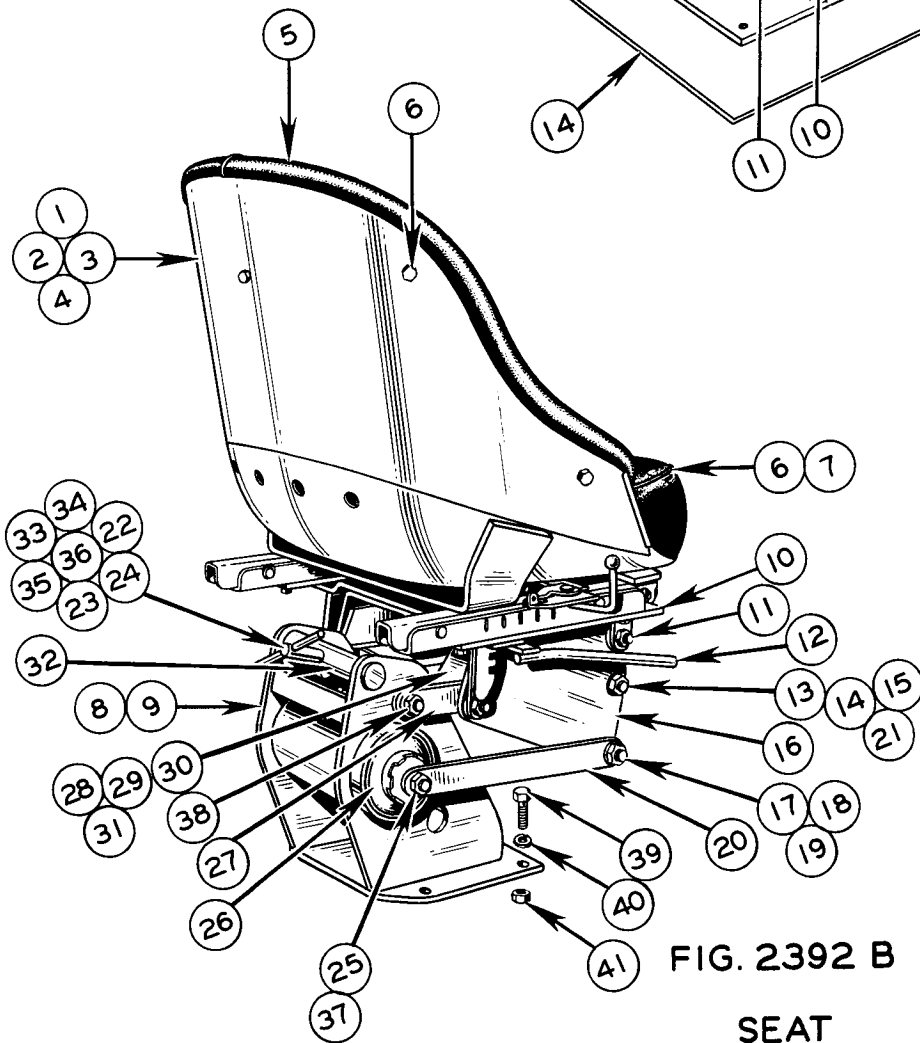
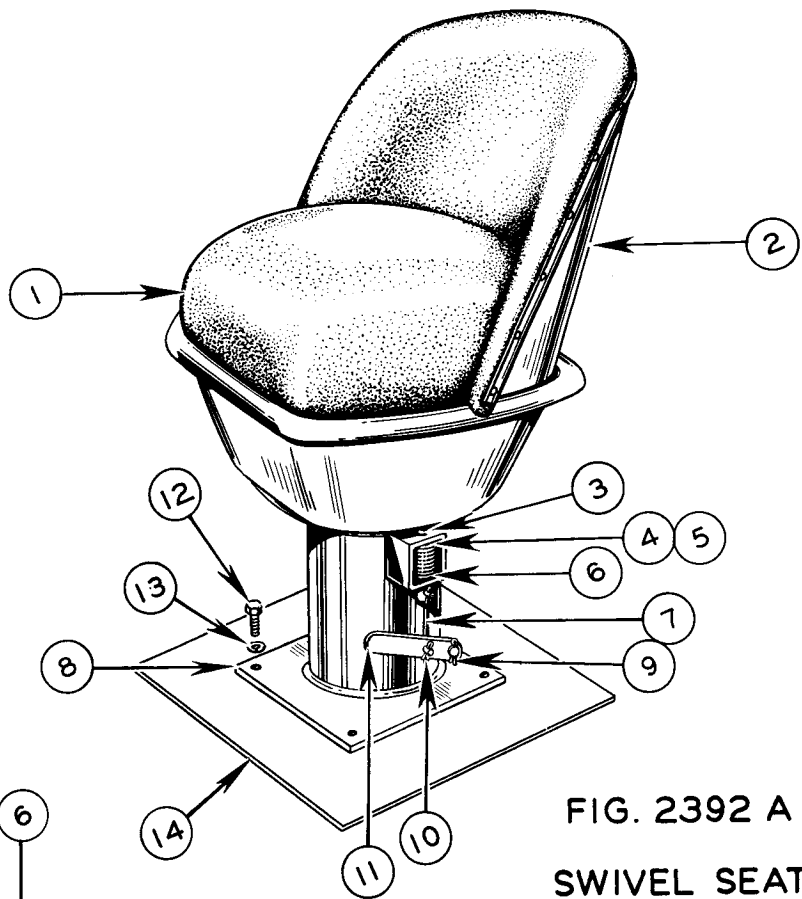


FIGURE 2392A

SWIVEL SEAT GROUP VF-3346

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	SH-9201	Seat Assembly, Swivel	1	7	SH-8846	Link	1
	SF-7849	Cushion	1	8	SH-8839	Base	1
	SL-720	Cover, Plastic	1	9	C-1556	Pin, Cotter	1
2	SH-9220	Seat	1	10	CC-9221	Pin, Cotter	2
3	SH-8842	Pin	1	11	SH-8847	Lever	1
4	SG-8845	Pin, Roll	1	12	C-1612	Screw, Cap-1/2"-13nc x 1" ..	4
5	DD-1745	Washer-1/2"	1	13	C-1540	Washer, Lock-1/2"	4
6	SH-8447	Spring	1	14	VF-3744	Plate, Floor	1
(OPTIONAL)							

FIGURE 2392B

SUSPENSION SEAT GROUP TF-3345

1	TG-6791	Seat Assembly	1	23	VC-6981	Pin, Vertical Adjuster ..	1
	C-7567	Screw, Cap-5/16"-24nf x 3/4" ..	4	24	VC-6980	Bracket, Vertical Adjuster	1
2	C-1538	Washer, Lock-5/16" ..	4	25	VC-6976	Shaft	1
3	VC-6953	Seat Assembly	1	26	VC-6975	Tube & Bushing Assembly	1
4	VC-6955	Shell, Seat	1	27	VC-6968	Arm, Upper	1
5	VC-6956	Cushion, Back	1	28	VC-6967	Shock Absorber (With Bushings)	1
6	H-8524	Screw, Cap-3/8"-16nc x 5/8"	7	29	VC-6974	Bracket, Vertical Adjuster	1
7	VC-6957	Cushion, Seat	1	30	VC-6973	Pin, Clip	2
8	VC-6954	Suspension Assembly	1	31	VC-6959	Pin, Shock	1
9	VC-6972	Base	1	32	VC-6977	Support, Vertical Adjuster	1
10	VC-6983	Bracket, Pivot	1	33	VC-6979	Adjuster, Vertical ..	1
11	VC-6960	Bolt, Shoulder	4	34	VC-6978	Washer	1
12	VC-6984	Latch, Tilt	1	35	SL-6172	Pin, Roll	1
13	VC-6964	Shaft	1	36	SF-4279	Nut, Slotted-5/8"-11nc ..	1
14	C-9771	Nut, Jam-5/8"-18nf ..	4	37	H-749	Nut, Jam-1/2"-20nf ..	8
15	VC-6961	Disc, Bearing	2	38	VC-6982	Bolt, Shoulder	2
16	VC-6969	Support, Upper	1	39	C-1612	Screw, Cap-1/2"-13nc x 1" ..	4
	VC-6971	Screw, Washer & Nut ..	2	40	C-1540	Washer, Lock-1/2"	4
17	VC-6965	Shaft	1	41	C-1523	Nut-1/2"-13nc	4
18	VC-6962	Washer	4				
19	VC-6966	Spacer	1			Included in Suspension Assembly but Not Shown	
20	VC-6970	Arm, Lower	2				
21	VC-6963	Spacer	1				
22	VC-6973	Pin, Clip	2		VC-6958	Bearing, Oil-less	14
(OPTIONAL)							

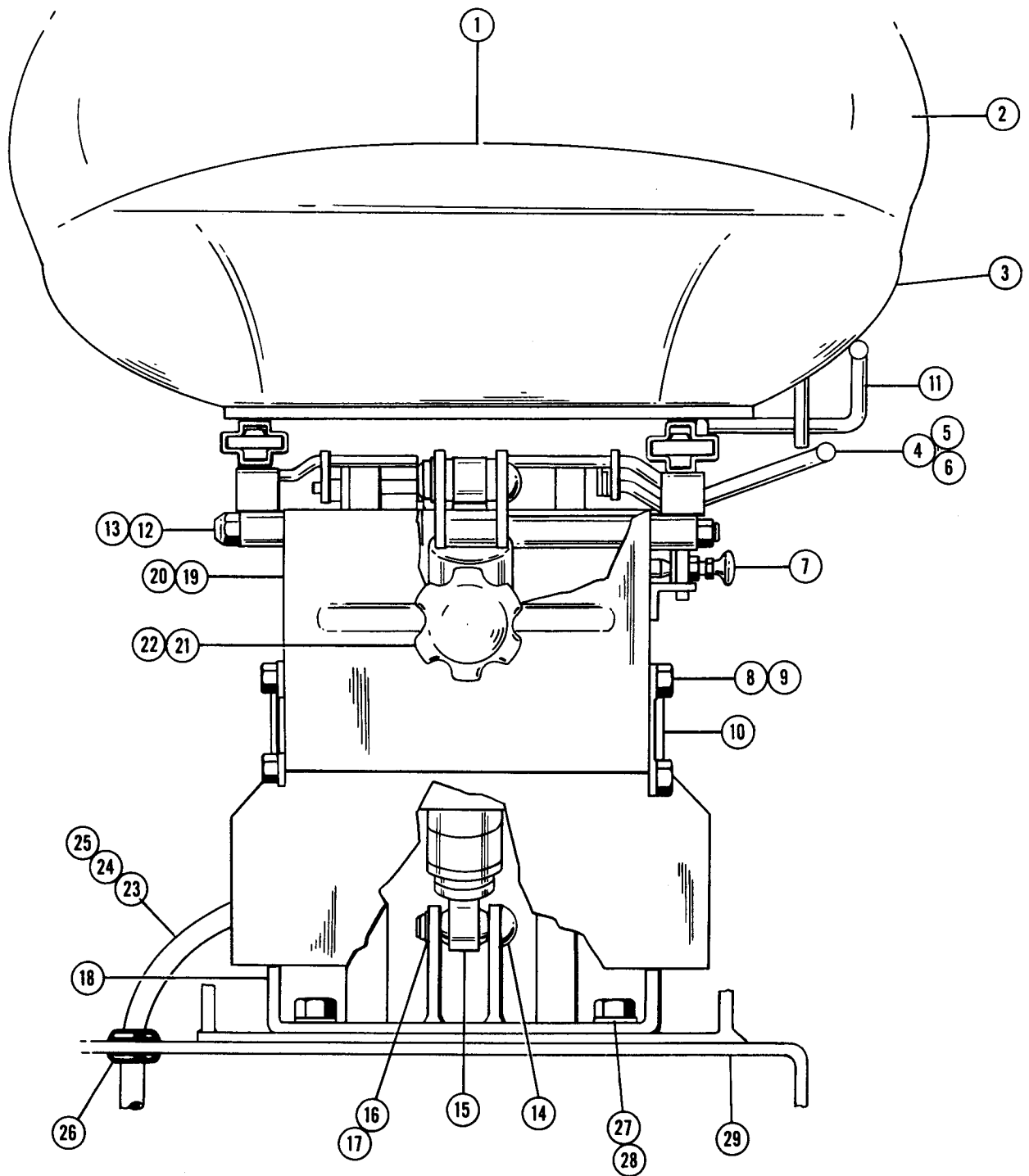


FIG. 3127

SEAT

FIGURE 3127

SUSPENSION SEAT GROUP VL-4806

Ref. No.	Part No.	Description	Qty.
	VL-7488	SEAT ASSEMBLY	1
	VL-7487	SEAT ASSEMBLY	1
1	VC-6957	CUSHION, SEAT	1
2	VC-6956	BACKREST ASSEMBLY	1
	VM-5202	SCREW, CAP - 3/8" - 16 NC x 5/8" and WASHER	7
3	VM-5201	SHELL ASSEMBLY	1
	VL-7486	SUSPENSION ASSEMBLY	1
4	VM-5209	TILT ADJUSTMENT ASSEMBLY	1
5	VM-5210	SPRING, TORSION, L. H.	1
6	VM-5211	SPRING, TORSION, R. H.	1
7	VM-5220	AIR CONTROL ASSEMBLY	1
	VM-5228	AIR SHOCK ABSORBER	1
8	VM-5212	BOLT, SHOULDER	8
9	VM-5215	NUT, JAM - 1/2" - 2NF	10
10	VM-5208	ARM ASSEMBLY	2
11	VM-5207	VERTICAL ADJUSTMENT ASSEMBLY	1
12	VM-5213	SHAFT	1
13	VM-5214	NUT, JAM - 1/2" - 13NC	2
14	VN-1478	SHAFT	2
15	VM-5219	AIR SHOCK ABSORBER	1
16	VM-7659	WASHER	2
17	VN-1481	RING, RETAINER	2
18	VM-5203	BASE	1
19	VM-5204	SUPPORT ASSEMBLY, UPPER	1
20	VM-5205	BEARING	8
21	VM-5206	SCREW, ADJUSTMENT	1
22	VN-1480	SHAFT	1
NS	VN-1479	SHAFT	1
NS	VN-1477	RING, RETAINING	4
23	VM-4143	HOSE ASSEMBLY - 1/4" x 45" (To Junction Block)	1
24	TD-9719	ADAPTOR, STRAIGHT	2
25	TD-9747	ADAPTOR - 90°	1
26	TF-7982	GROMMET, RUBBER	1
27	VC-1387	SCREW, CAP - 1/2" - 13NC x 1"	4
28	TR-5445	WASHER, LOCK - 1/2"	4
29	VL-4800	PLATE, FLOOR	1

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS

FIGURE 2408

PARKING BRAKE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	C-1521	Nut - 3/8" - 16nc	1	27	DH-1966	Nut, Adjusting	1
2	DF-3042	Flatwasher - 3/8"	1	28	DC-1088	Spring	1
3	SP-1643	Ratchet	1	29	DH-2073	Bolt, Adjusting	1
4	DH-9370	Screw, Adjusting	1	30	R-77	Setcrew	1
5	DH-9374	Cover, Bearing	1	31	H-8508	Nut, Jam - 1/2" - 13nc	3
6	S-5716	Capscrew - 1/4"-20nc x 7/8" ..	3	32	DH-1964	Link	1
7	C-5774	Lockwasher - 1/4"	3	33	DH-1965	Pin	2
8	DH-9386	Bearing, Ball	1	34	D-1782	Pin, Cotter	2
9	SP-3912	Ring, Snap	1	35	C-1648	Capscrew-3/4"-10nc x 3"	1
10	DH-9376	Plate, Slide	1	36	C-1527	Nut - 3/4"-10nc	1
11	SL-6765	Pin, Roll	1	37	DH-6301	Arm, Actuator	1
12	DH-9375	Shaft	1	38	H-2770	Clevis	1
13	DL-1392	Pin	1	39	DH-3263	Hose	1
14	C-2303	Pin, Cotter	4	40	DH-3314	Clamp, Hose	1
15	DL-1391	Socket	1	41	H-3252	Boot	1
16	DL-6831	Guide(Inc.in DL-6791 Mech.Grp.)	1	42	DF-5391	Clamp	1
	TV-9261	Guide(Inc.in TV-9266 Mech.Grp.)	1	43	DH-6307	Rod	1
17	C-1614	Capscrew-1/2"-13nc x 1 1/2" ..	4	44	DF-9567	Spring	2
18	C-1540	Lockwasher - 1/2"	8	45	SV-6698	Extension, Spring	1
19	DL-950	Tumbuckle	1	46	E-4162	Pin, Clevis	3
20	R-4693	Clamp, Cable	1	47	DH-2066	Band, Brake - Front	1
21	DH-3264	Sheave, Assembly	2	48	DH-1974	Pin, Link	1
	DH-1960	Pin, Sheave	1	49	DH-1970	Link	2
	D-1782	Pin, Cotter	1	50	DH-6314	Link, Actuator	1
	DD-9876	Fitting, Grease	1	51	DH-1973	Pin, Link	2
	DH-1954	Wheel, Sheave	1	52	E-4132	Pin, Cotter	3
	DH-3265	Housing, Sheave	1	53	C-1601	Capscrew - 3/8"-16nc x 3/4"	2
22	DL-6909	Cable and Socket	1	54	C-312	Lockwasher - 3/8"	2
23	C-1613	Capscrew-1/2"-13nc x 1 1/4" ..	4	55	DH-2548	Guide, Brake Band	1
24	DL-6870	Mount, Sheave	1	56	DH-2067	Band, Brake - Rear	1
25	DH-6312	Drum, Brake	1	57	DL-6827	Flange, Brake	1
26	DH-6308	Capscrew - 3/4" - Special ..	6				

Note:

DL-6791 & TV-9266 Actuating Mechanism Groups consists of Ref. Nos. 1 thru 16.

DL-8255 Parking Brake Group consists of DL-6791 Actuating Mechanism Group plus Ref. Nos. 17 thru 57.

TV-9265 Parking Brake Group consists of TV-9266 Actuating Mechanism Group plus Ref. Nos. 17 thru 57.

(Optional)

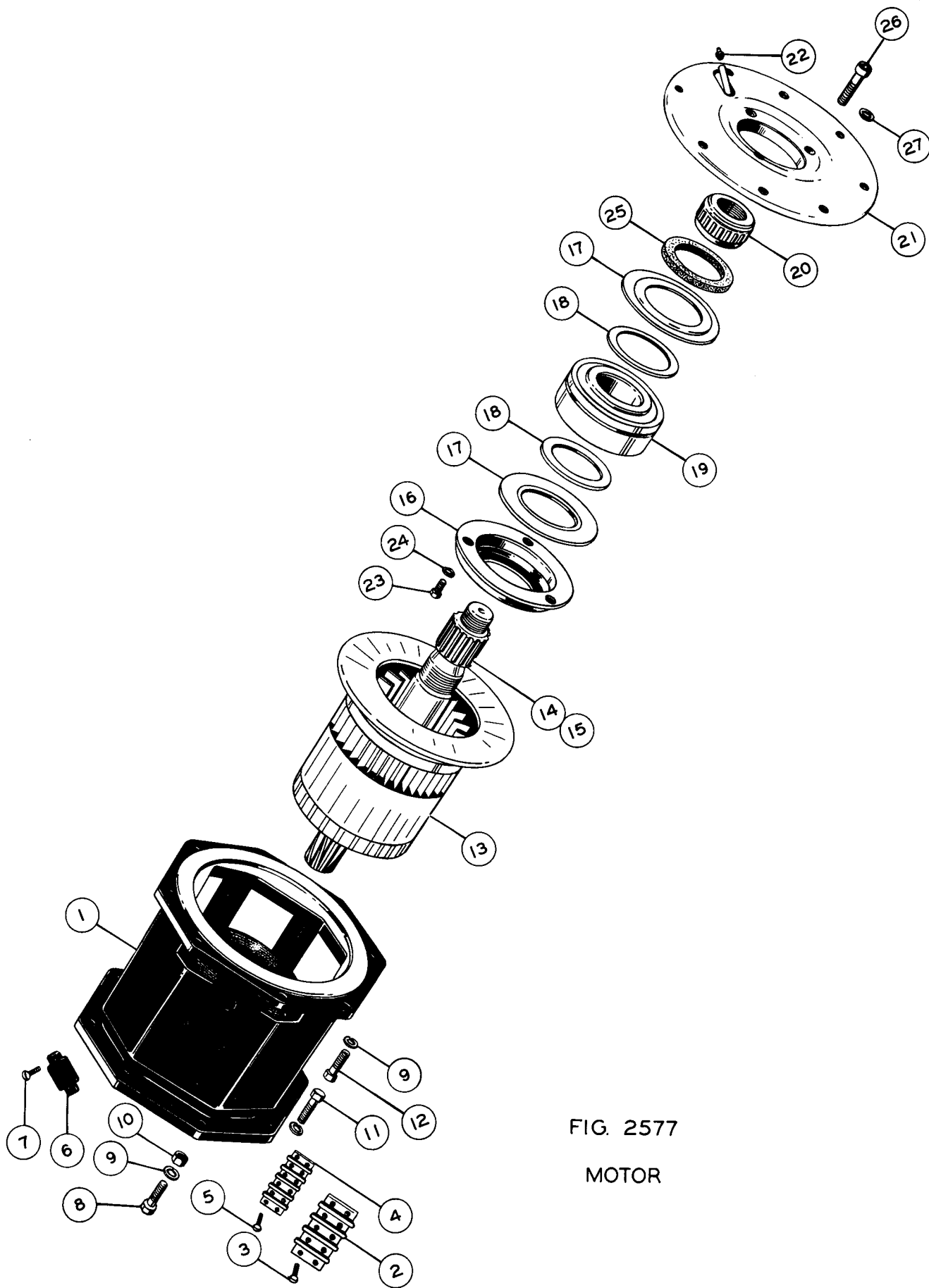


FIG. 2577

MOTOR

FIGURE 2577

MOTOR ASSEMBLY - VD-7898 - VG-7595

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	DH-9774	Stator Assembly *	1		VM-5263	Pinion-10 Tooth ** ...	1
	VH-2250	Stator Assembly **	1		VM-5268	Shaft	1
2	TG-2516	Strip, Terminal	1		VM-2782	Race, Bearing ...	1
	SR-4540	Strip, Insulation	1	15	DD-338	Key *	1
3	DL-320	Screw, Self Tapping-#8-32nc x 7/8"	4		VH-697	Key **	1
	HD-8578	Washer, Flat-#8	4	16	DH-5210	Retainer, Bearing *	1
4	TG-2512	Strip, Terminal	1		DH-483	Retainer, Bearing ** ...	1
	DH-9868	Strip, Insulation	1	17	DH-5208	Ring, Outer Seal *	2
5	SC-3544	Screw, Self Tapping-#8-32nc x 3/4"	4		DH-486	Ring, Outer Seal **	1
	HD-8578	Washer, Flat-#8	4	18	DH-5209	Ring, Inner Seal *	2
6	DH-9867	Switch *	1		DH-484	Ring, Inner Seal **	1
	VC-6694	Switch **	1	19	HF-1367	Bearing, Ball **	1
7	SC-3545	Screw, Self Tapping-#8-32nc x 1/2"	2		DG-7222	Bearing, Ball **	1
8	SR-6312	Screw, Cap-7/16"-14nc x 3 1/4" *	2	20	DH-9679	Nut, Lock *	1
	TR-4090	Screw, Cap-7/16"-14nc x 1 1/2"	8		SV-6247	Nut, Lock **	1
		Cadmium Plated **	8	21	SP-8463	Bell, End *	1
9	C-5775	Washer, Lock-7/16"	16		VC-3661	Bell, End **	1
	TD-795	Washer, Lock-Cadmium Plated **	16	22	R-6366	Fitting, Grease *	1
10	C-5572	Nut-7/16"-14nc	2		DC-35	Fitting, Grease **	1
11	E-5340	Screw, Cap-7/16"-14nc x 2 1/2" *	6	23	C-1677	Screw, Cap-1/2"-20nf x 1" ...	3
12	H-594	Screw, Cap-7/16"-14nc x 1 1/4" *	16	24	C-1540	Washer, Lock-1/2"	3
	TR-4090	Screw, Cap-7/16"-14nc x 1 1/2"	6	25	DD-2532	Seal, Felt **	1
		Cadmium Plated **	6	26	TR-4091	Screw, Cap-3/8"-24nf x 2"	3
	TD-793	Screw, Cap-7/16"-14nc x 2"	2			Cadmium Plated **	3
		Cadmium Plated **	2	27	TC-1231	Washer, Lock-3/8" Cadmium Pltd.	3
13	VD-7896	Rotor & Shaft Assembly *	1			Not Shown	
	VM-5272	Rotor & Shaft Assembly ** ..	1		DH-742	Clamp *	1
14	TG-1930	Rotor *	1		DC-5604	Screw, Self Tapping-1/4" x 1/2" * ..	2
	VD-7895	Pinion-10 Tooth * ..	1		DF-1311	Clamp, Cable	1
	VM-5256	Rotor **	1		DF-1578	Screw, Fillister Head-1/4"-20nc x 1" ..	2

* Included In VD-7898 Motor Assembly.
 ** Included in VG-7595 Motor Assembly.

(Used With Elevating Scraper)

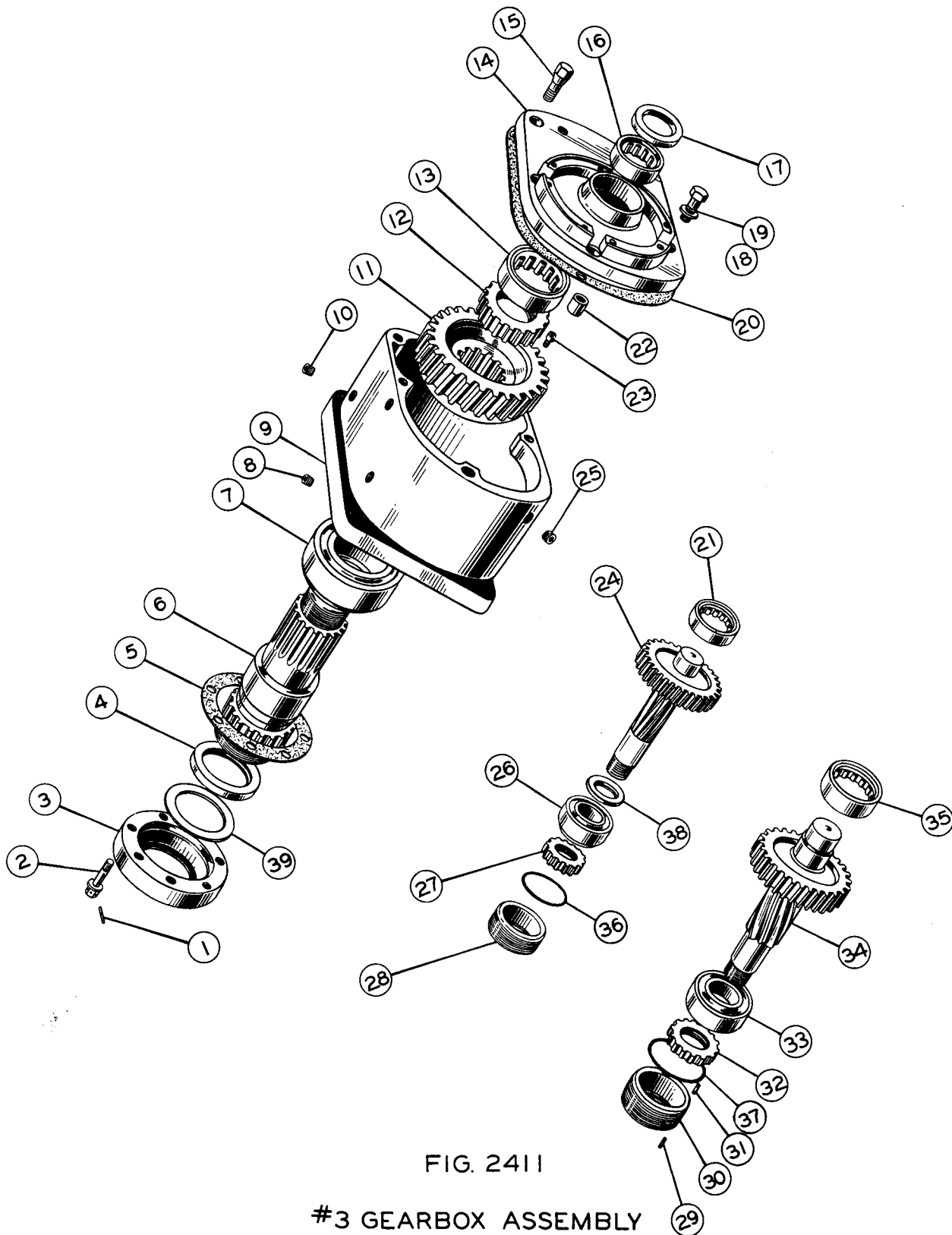


FIGURE 2411

#3 GEARBOX ASSEMBLY V D-7893

Ref. No.	Part No.	Description	Qty.
1	SL-490	PIN, ROLL	8
2	TF-5023	SCREW, CAP	8
3	SL-2541	RETAINER	1
4	SF-1707	SEAL, OIL	1
5	SL-2546	GASKET	1
6	SG-3755	SHAFT, OUTPUT	1
7	CD-4800	BEARING	1
8	F-2313	PLUT, VENT - 1/2"	1
9	SL-2548	CASE	1
10	R-4288	PLUG - 1/2"	3
11	VD-7891	GEAR	1
12	SG-3753	NUT, LOCK	1
13	SF-1515	BEARING	1
14	SG-3648	BELL, END	1
15	R-1591	SCREW, CAP	4
16	SD-4488	BEARING	1
	SD-4489	RACE, OUTER	1
17	VD-2457	SEAL, OIL	1
18	SP-8561	SCREW, CAP - 3/4"NF x 2 1/2"	1
19	H-4428	WASHER, COPPER - 3/4"	1
20	SL-495	GASKET	1
21	SF-6626	BEARING	1
22	SC-2999	DOWEL	1
23	DD-7250	SCREW, CAP - 1/4" - 20NC x 3/8"	1
24	VG-7630	GEAR, 1st REDUCTION	1
25	SF-9435	PLUG, MAGNETIC - 1/2"	2
26	SG-2991	BEARING	1
27	SG-3828	NUT	1
28	TC-9763	KIT, RETAINER	1
29	S-9652	SCREW, SET - 1/4" - 38NF x 1/4"	2
30	TC-9764	KIT, RETAINER	1
31	SG-3840	SCREW, SET - 1/16"	2
32	SG-4012	NUT	1
33	SG-2048	BEARING	1
34	VD-7890	GEAR, 2nd REDUCTION	1
35	SG-2047	BEARING	1
36	TC-8186	"O" RING	1
37	TC-8187	"O" RING	1
38	VG-7626	COLLAR	1
39	VD-1107	WASHER	1
NOT SHOWN & NOT INCLUDED IN ASSEMBLIES			
	SP-4047	SCREW, CAP (Gearbox Mounting)	4
	TD-3120	PLUG, OIL LEVEL - 1/2"NPT	1
(USED WITH ELEVATING SCRAPER)			

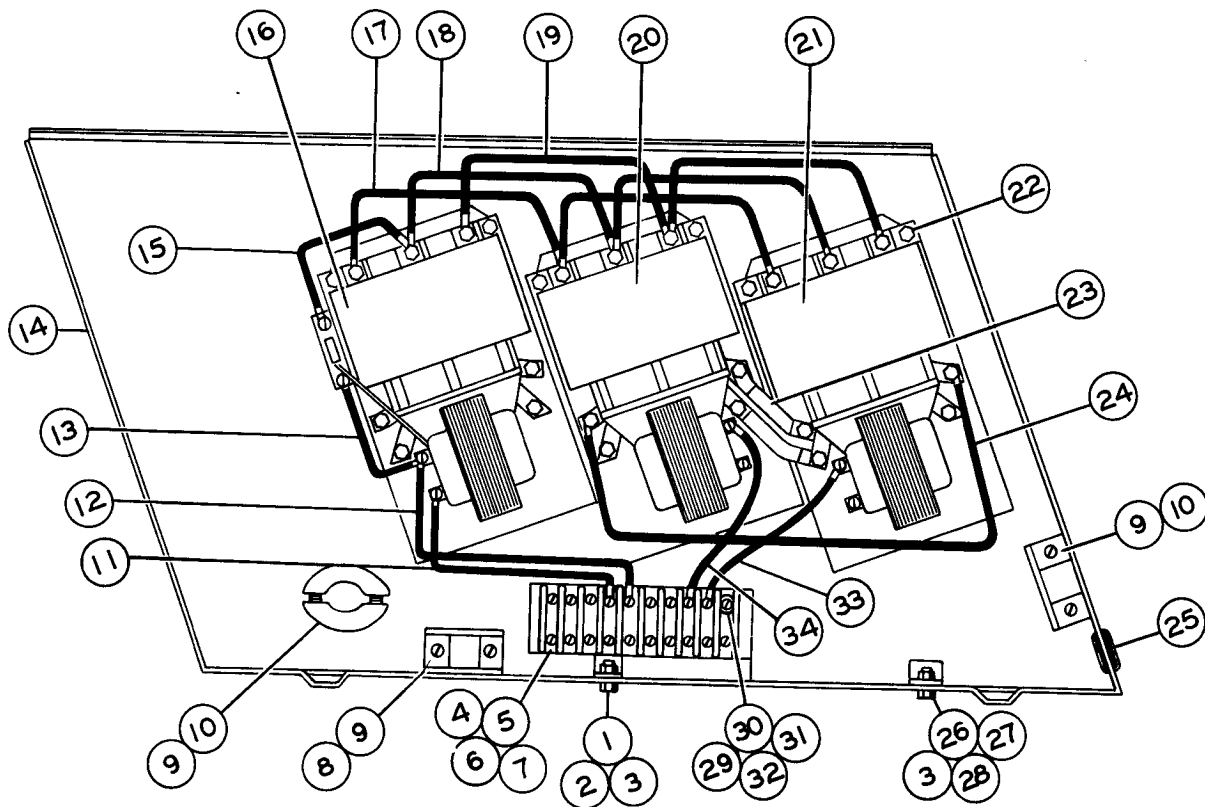
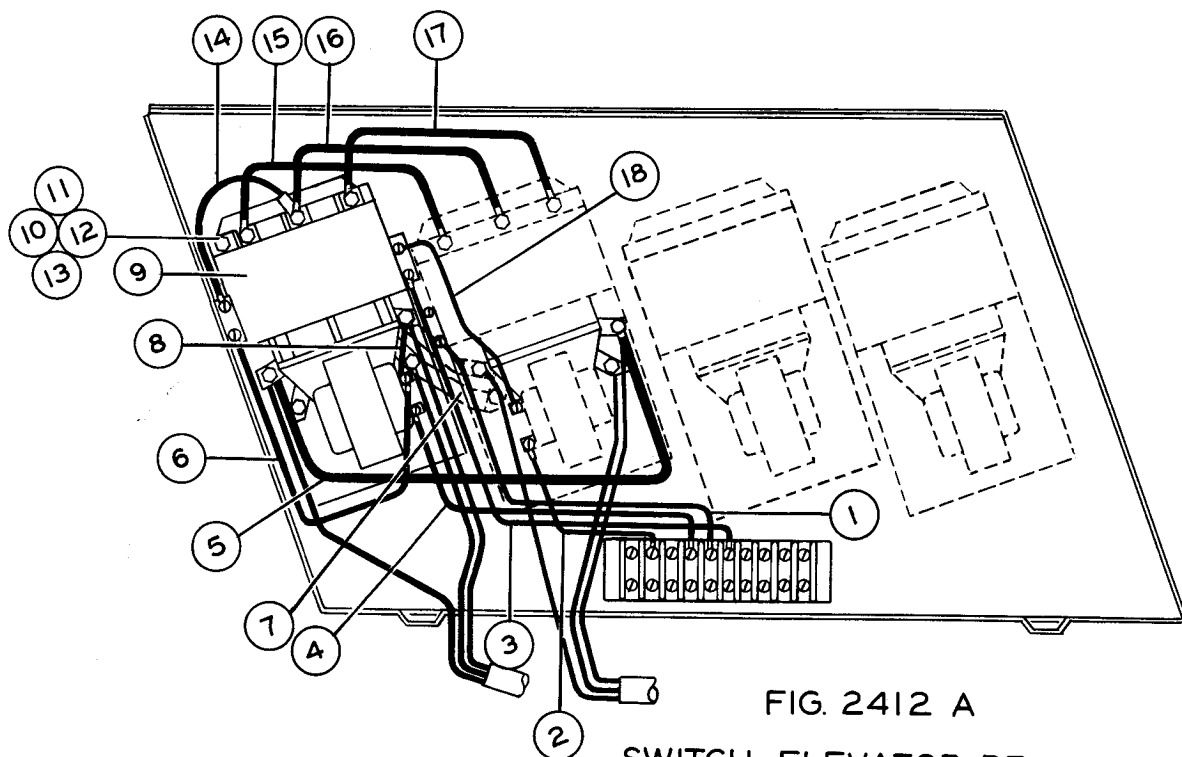


FIGURE 2412A

SWITCH - ELEVATOR REVERSE

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	VG-6980	Wire, Jumper	1	12	C-5774	Washer, Lock-1/4"	4
2	VG-6981	Wire, Jumper	1	13	C-5780	Nut-1/4"-20nc	4
3	VG-6978	Wire, Jumper	1	14	VH-953	Wire, Jumper	1
4	VH-955	Wire, Jumper	1	15	SV-8960	Wire, Jumper	1
5	SR-5641	Wire, Jumper	1	16	SV-8961	Wire, Jumper	1
6	VG-6979	Wire, Jumper	1	17	SV-8959	Wire, Jumper	1
7	VG-7631	Bar, Bus	2	18	VG-6982	Wire, Jumper	1
8	VH-954	Wire, Jumper	1				
9	TH-7175	Contactor, R. H. (See Index)	1			Not Shown	
10	C-5746	Screw, Cap-1/4"-20nc x 3/4" ..	4		TC-5004	Switch Assembly (See Index) ...	1
11	SF-5816	Washer, Flat-1/4"	4		VG-6983	Wire, Jumper (Between Switches) ..	1
Note: All Items Listed Above Are Included In VG-6984 Elevator Reverse Group. (Used With Elevating Scraper) (Optional)							

FIGURE 2412B

SWITCH BOX - VD-3753

1	DD-1300	Clamp, Cable	1	20	TC-9535	Contactor-R. H. (See Index) ...	1
2	C-5746	Screw, Cap-1/4"-20nc x 3/4" ..	1	21	TC-9536	Contactor-L. H. (See Index) ...	1
3	C-5780	Nut-1/4"-20nc	2	22	SR-4042	Screw, Cap-1/4"-20nc x 3/8" ...	12
4	SV-5578	Strip, Terminal	1	23	TH-3760	Bar, Bus	2
5	DL-441	Strip, Insulation	1	24	SR-5641	Wire, Jumper	1
6	SC-731	Screw, Machine-#10-24nc x 5/8" .	2	25	SG-2103	Grommet, Rubber	1
7	H-2644	Nut-#10-24nc	2	26	DF-1870	Clamp, Cable	1
8	DF-1311	Clamp, Cable	1	27	H-8136	Screw, Cap-1/4"-20nc x 1/2" ...	1
9	C-7588	Screw, Cap-1/4"-20nc x 1" ..	6	28	C-5774	Washer, Lock-1/4"	1
10	DF-1310	Clamp, Cable	2	29	DL-4176	Resistor	1
11	VD-3752	Wire, Jumper	1	30	SD-5372	Screw, Machine-#8-32nc x 1 1/2".	1
12	DL-6571	Wire, Jumper	1	31	HD-8578	Washer, Flat-#8	1
13	VD-3751	Wire, Jumper	1	32	TG-1337	Washer, Mica	1
14	VF-2186	Box, Switch	1	33	DL-6570	Wire, Jumper	1
15	VD-2499	Wire, Jumper	1	34	DL-6569	Wire, Jumper	1
16	VD-2498	Contactor-L. H. (See Index) ..	1			Not Shown	
17	SV-8960	Wire, Jumper	2		SV-6726	Cover, Switch Box	1
18	SV-8961	Wire, Jumper	2		DL-6679	Cable } Not Included in	1
19	SV-8959	Wire, Jumper	2		TL-4002	Sleeve } Switch Box Assy.	3
(Used With Elevating Scraper)							

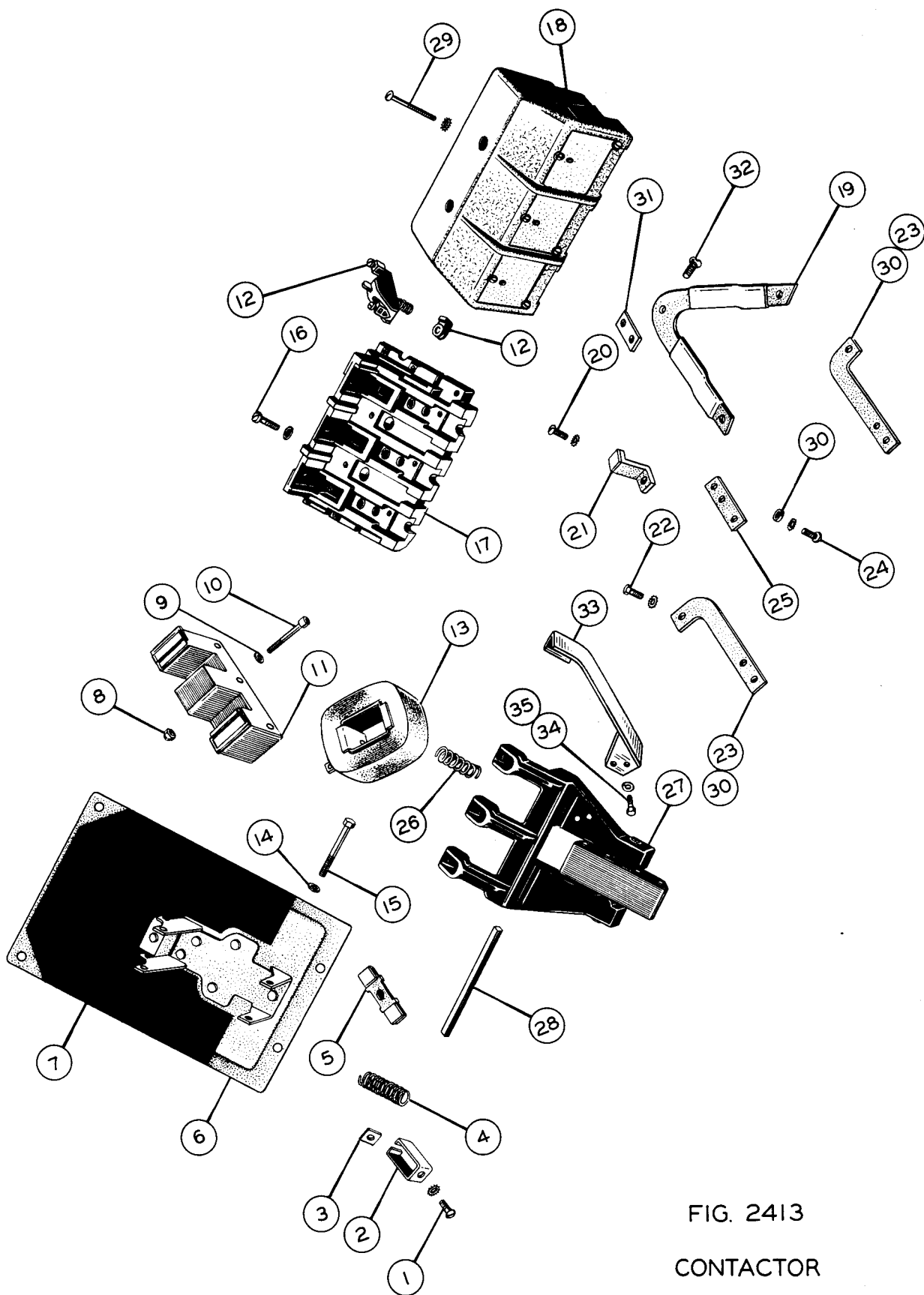


FIG. 2413
CONTACTOR

FIGURE 2413

CONTACTOR ASSEMBLY VD-2498** TH-7175*

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
	DL-7911	PLATE, BASE **	1
7	SR-4031	SHEET, INSULATING	1
8	TD-9403	NUT - #10 - 32	1
9	SC-3117	WASHER, FLAT - #10	1
10	TD-9402	SCREW, MACHINE - #10 - 32 x 2 1/4"	1
11	DG-6090	MAGNET	1
12	TC-8918	SWITCH, INTERLOCK - L.H. (Normally Open)	1
	TC-5582	SWITCH, INTERLOCK - R.H. (Normally Closed) *	1
13	DL-1919	COIL	1
14	DC-3584	WASHER, LOCK - 1/4"	2
15	DF-2966	SCREW, CAP - 1/4" - 28NF x 1 3/4"	2
16	SR-4028	SCREW & LOCKWASHER - 1/4" - 20NC x 7/8"	2
17	TC-6489	BASE, CONTACTOR **	1
	TF-3197	BASE, CONTACTOR *	1
18	SR-4006	SNUFFER, ARC *	1
	SV-2871	PLATE, VENT (Inner)	3
	SV-2869	PLATE, VENT (Outer)	3
	SV-5597	SCREW	6
	VC-8715	SNUFFER, ARC *	1
19	DL-4692	BAR, TERMINAL (Center)	1
20	SR-4032	SCREW & LOCKWASHER - 1/4" - 20nc x 3/8"	6
21	DD-4980	POINT, CONTACT (Stationary)	6
22	SR-4042	SCREW & LOCKWASHER - 1/4" - 20NC x 3/4"	6
23	SR-4009	BAR, TERMINAL (Top) *	2
	DL-7910	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	TF-3191	MAGNET & ARM ASSEMBLY *	1
	DL-7907	MAGNET & ARM ASSEMBLY **	1
28	DF-2739	KEY	1
29	SR-4027	SCREW & LOCKWASHER - #10 - 32 x 2 15/16"	2
30	DH-6507	SPACER	5
31	SV-3016	SPACER *	1
	VC-5399	SPACER **	1
32	DH-7831	SCREW - 1/4"NC x 3/4"	1
33	TH-7945	BRACKET, INTERLOCK - L.H.	1
	TF-576	BRACKET, INTERLOCK - R.H. *	1
34	H-5466	SCREW - #8 - 32 x 1/2" (*Qty.4)	2
35	SD-2599	WASHER, LOCK - #8 (*Qty.4)	2

(QUANTITIES ARE FOR ONE CONTACTOR)
(USED WITH ELEVATOR SCRAPER)

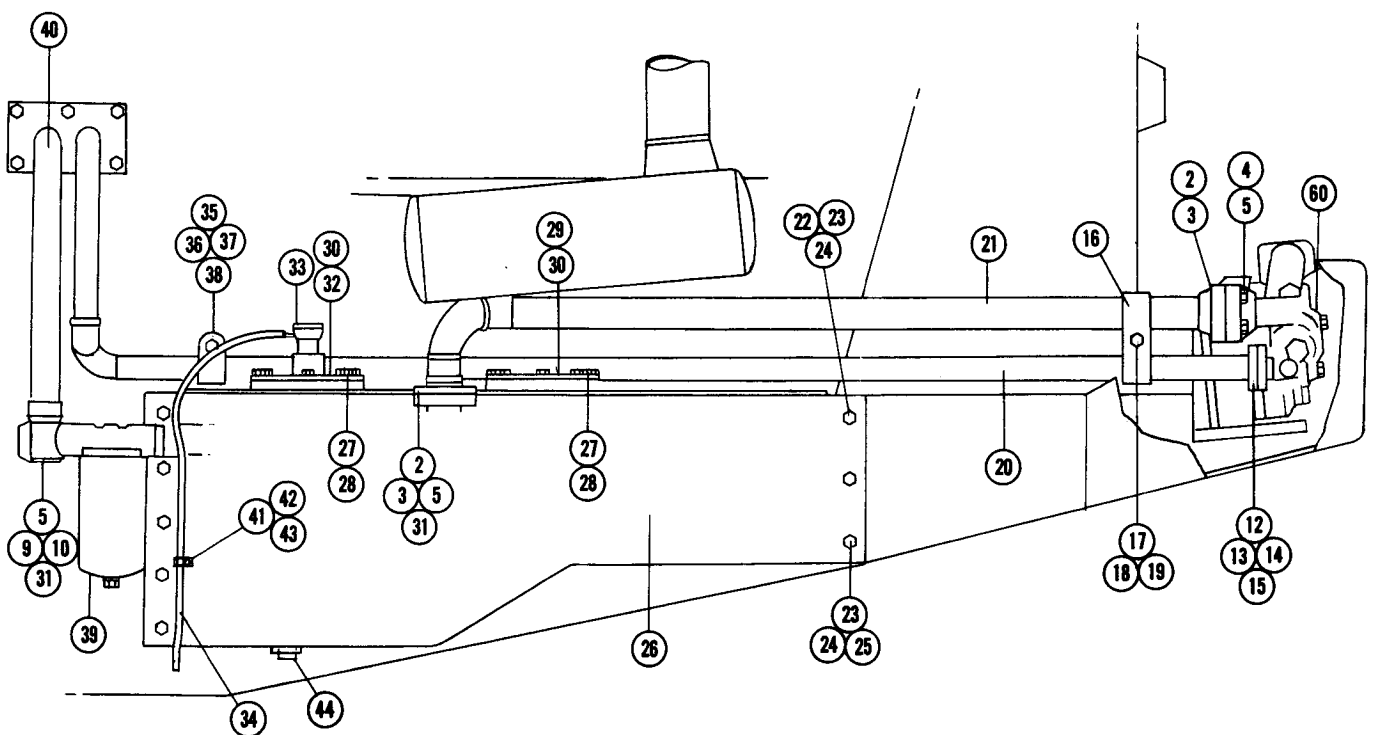
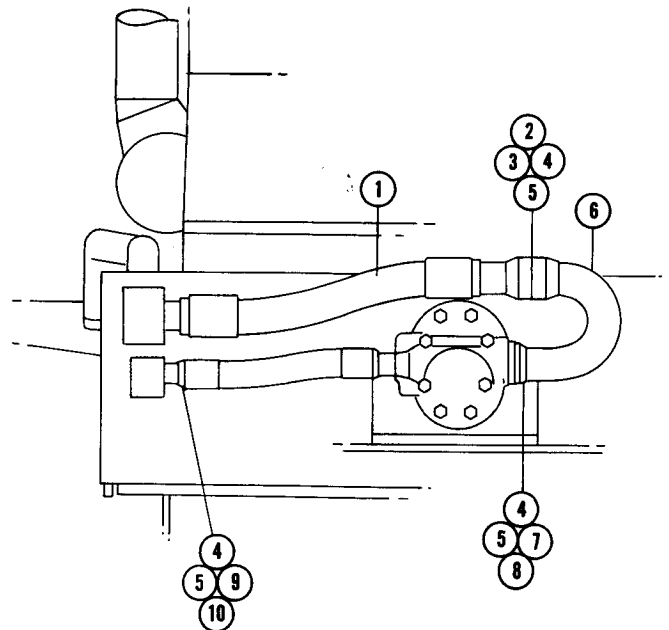
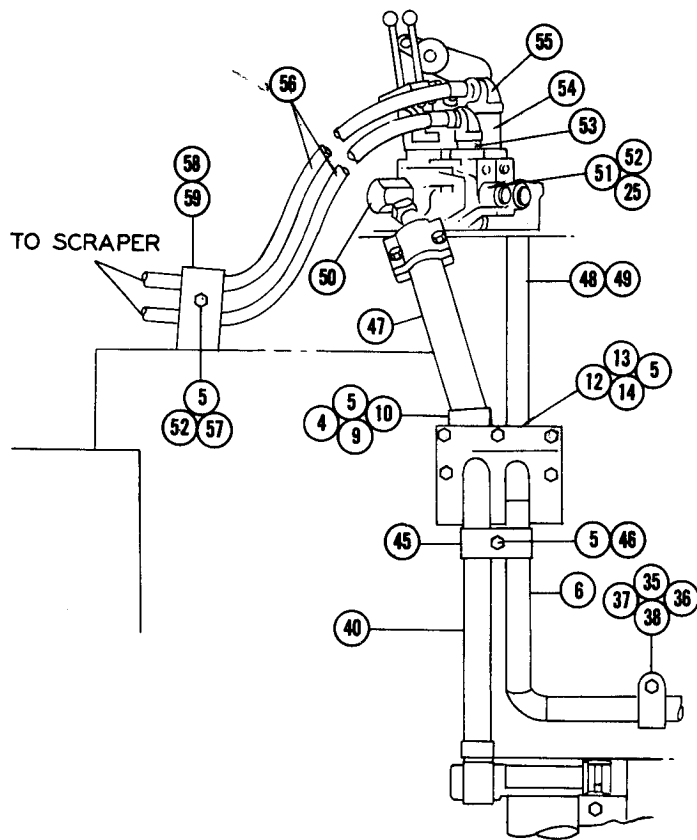


FIG. 3233

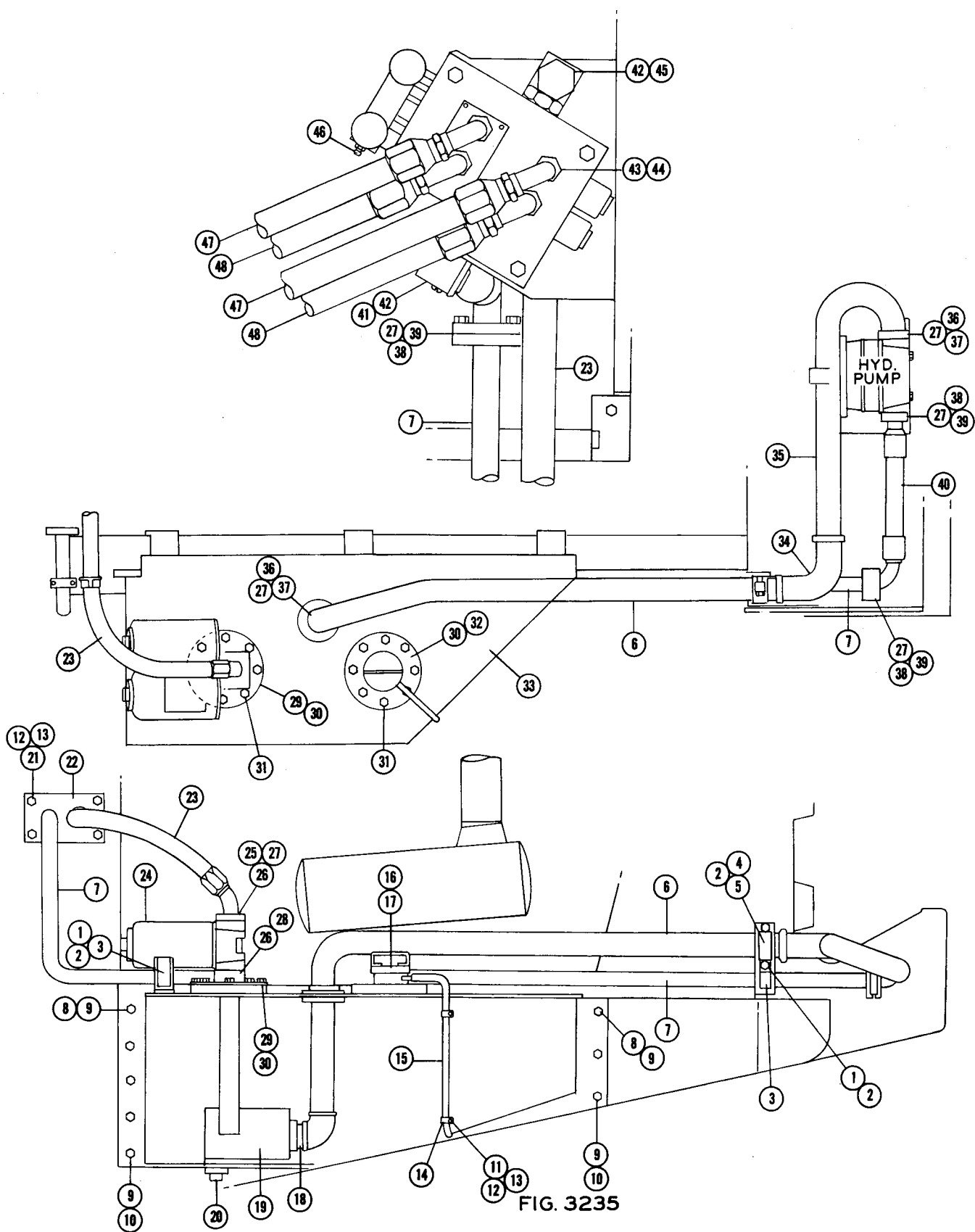
PIPING-SCRAPER CONTROL

FIGURE 3233

PIPING - SCRAPER CONTROL

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	VL-2602	Hose Assembly	1	31	C-1613	Screw, Cap-1/2"-13nc x 1 1/4" ...	12
2	TF-3231	Flange, Split	6	32	VL-1167	Cover	1
3	TF-3232	"O" Ring	3	33	VL-1784	Neck, Filler	1
4	C-1614	Screw, Cap-1/2"-13nc x 1 1/2" ..	16	34	VL-1884	Hose	1
5	C-1540	Washer, Lock-1/2"	51	35	VL-1166	Clamp, Hose	1
6	VL-1558	Adaptor	1	36	H-8620	Screw, Cap-5/16"-18nc x 1 1/4" ..	1
7	TH-6718	Flange, Split	2	37	C-1546	Washer, Flat-5/16"	1
8	TF-4098	"O" Ring	1	38	VF-6429	Nut, Lock-5/16"-18nc	1
9	TF-8090	Flange, Split	6	39	VL-1881	Filter, Hyd. Oil (See Index) ...	1
10	SV-2580	"O" Ring	4	40	VL-1263	Tube	1
11	VL-2603	Hose Assembly	1	41	VL-1809	Clip	2
12	TF-3237	Flange, Split	4	42	C-5774	Washer, Lock-1/4"	2
13	SV-2581	"O" Ring	2	43	C-5780	Nut-1/4"-28nf	2
14	H-594	Screw, Cap-7/16" - 14nc x 1 1/4" ..	4	44	VL-1883	Plug, Pipe	1
15	C-5775	Washer, Lock - 7/16"	4	45	VL-1828	Clamp	1
16	VL-1164	Clamp	1	46	C-1621	Screw, Cap-1/2"-13nc x 3 1/4" ...	1
17	C-1618	Screw, Cap-1/2"-13nc x 2 1/2" ..	1	47	VL-1843	Hose	1
18	C-1549	Washer, Flat-1/2"	1	48	VL-1844	Hose	1
19	DF-3500	Nut, Lock-1/2"-13nc	1	49	VL-1842	Adaptor-90°	1
20	VL-1685	Tube	1	50	TF-3240	Adaptor-90°	1
21	VL-1560	Tube	1	51	VL-1867	Valve, Control (See Index) ...	1
22	SF-7728	Screw, Cap-5/8"-18nf x 6" ..	2	52	C-1523	Nut-1/2"-13nc	18
23	VC-1390	Washer, Lock-5/8"	8	53	VL-1774	Nipple	2
24	C-1526	Nut-5/8"-18nf	8	54	VL-1776	Nipple	2
25	VL-1222	Screw, Cap-5/8"-18nf	6	55	SP-9624	Elbow-90°	4
26	VL-2509	Tank, Hydraulic Oil	1	56	VL-1765	Hose Assembly	4
27	C-1601	Screw, Cap-3/8"-16nc x 3/4" ..	16	57	C-5760	Screw, Cap-1/2"-13nc x 5 1/2" ...	1
28	TG-545	Washer, Copper	16	58	VL-1899	Clamp, Hose	1
29	VL-1879	Cover	1	59	VL-2091	Spacer	1
30	VL-1880	Gasket	2	60	VM-7199	Pump, Hydraulic (See Index) ...	1

(Effective Thru Serial Suffix CPA6-G, CPF6-T)



PIPING-SCRAPER CONTROL

FIGURE 3235

PIPING - SCRAPER CONTROL

Ref. No.	Part No.	Description	Qty.
1	C-1612	SCREW, CAP - 1/2" - 13NC x 1"	2
2	C-1523	NUT - 1/2" - 13NC	3
3	VN-9994	CLAMP	2
4	VY-873	CLAMP	1
5	C-1616	SCREW, CAP - 1/2" - 13NC x 2"	1
6	VY-1132	TUBE	1
7	VY-1130	TUBE	1
8	SH-5272	SCREW, CAP - 5/8" - 11NC x 1"	2
9	C-1525	NUT - 5/8" - 11NC	8
10	C-5762	SCREW, CAP - 5/8" - 11NC x 1 1/2"	6
11	C-1546	WASHER, FLAT	2
12	C-5774	WASHER, LOCK	6
13	C-5781	NUT - 1/4" - 20NC	6
14	TG-2560	CLAMP	2
15	VY-1134	HOSE, OVERFLOW	1
16	TV-1085	CAP	1
17	TV-5751	CHAIN	1
18	SP-8307	NIPPLE - 2 1/2"NPT	1
19	VY-1086	STRAINER	1
20	VL-1883	PLUG - 1 1/2"NPT - MAGNETIC	1
21	C-5746	SCREW, CAP - 1/4" - 20NC x 3/4"	4
22	VY-1139	PLATE	1
23	VY-1240	HOSE ASSEMBLY	1
24	VY-852	FILTER ASSEMBLY	1
25	TF-3231	FLANGE, SPLIT	2
26	TF-3232	"O" RING	2
27	C-1614	SCREW, CAP - 1/2" - 13NC x 1 1/2"	24
28	C-1618	SCREW, CAP - 1/2" - 13NC x 2 1/2"	4
29	VY-1136	COVER	1
30	VL-1880	GASKET	1
31	C-1601	SCREW, CAP - 3/8" - 16NC x 3/4"	16
32	VY-1137	NECK, FILLER	1
33	VY-185	TANK, HYDRAULIC	1
34	VN-1095	ELBOW - 90°	1
35	VY-1131	TUBE	1
36	VH-6718	FLANGE, SPLIT	4
37	TF-4098	"O" RING	2
38	TF-8090	FLANGE, SPLIT	6
39	VG-9095	"O" RING	3
40	VY-1133	HOSE ASSEMBLY	1
41	VF-7265	ADAPTOR - 90°	1
42	TC-9898	"O" RING	1
43	TL-4501	ADAPTOR	4
44	TC-9899	"O" RING	4
45	VM-3967	ADAPTOR - 90°	1
46	R-6366	FITTING, GREASE	1
47	VN-5762	HOSE ASSEMBLY	2
48	VN-5763	HOSE ASSEMBLY	2

(EFFECTIVE WITH SERIAL SUFFIX CPA6-H, CPF6-U)

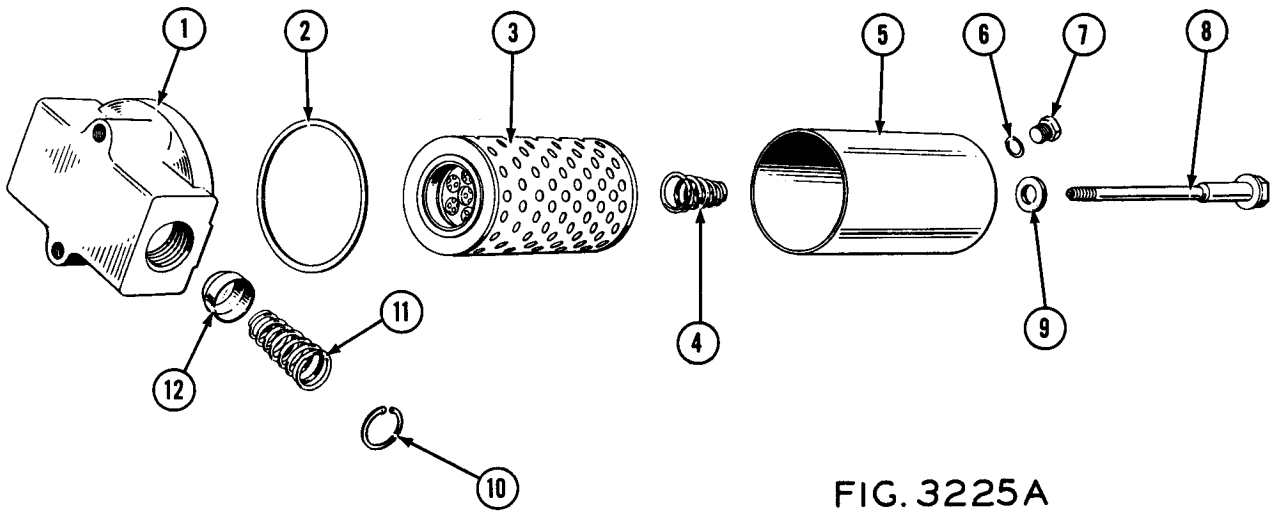


FIG. 3225A

OIL FILTER

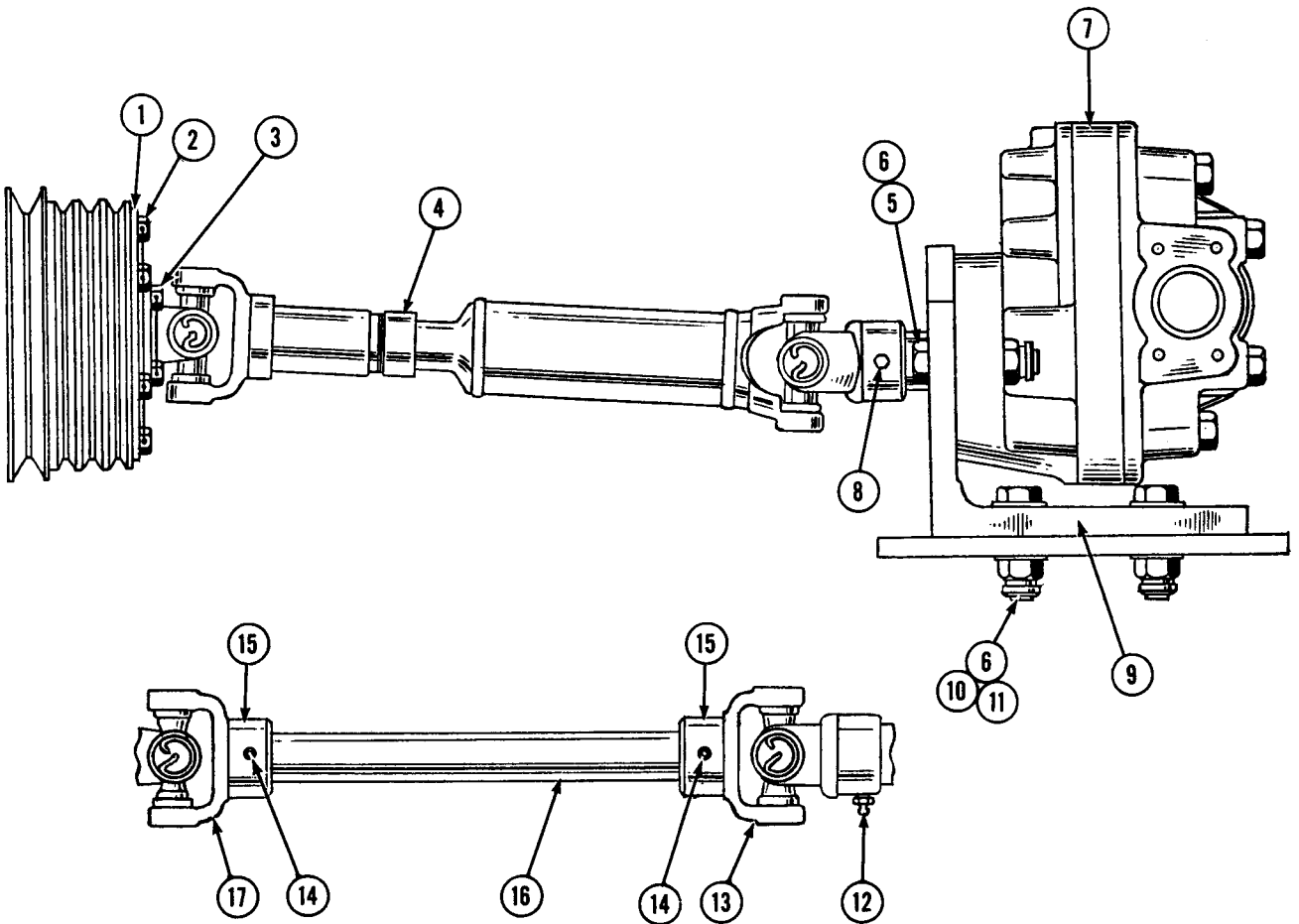


FIG. 3225 B
PUMP DRIVE

FIGURE 3225A

HYDRAULIC OIL FILTER - VL-1881

Ref. No.	Part No.	Description	Qty.
1	**	BASE	1
2	**	RING, SEAL #	1
3	VL-9520	CARTRIDGE	1
4	VM-1587	SPRING	1
5	VM-1585	BODY	1
6	**	GASKET #	1
7	**	PLUG	1
8	VM-1586	BOLT	1
9	**	GASKET #	1
10	VM-5247	RING, SNAP	1
11	VM-1584	SPRING	1
12	VM-1583	POPPET	1
NOTE: ** NOT SERVICED SEPARATELY. # INCLUDED IN VL-9519 GASKET KIT.			

FIGURE 3225B

HYDRAULIC PUMP DRIVE

1	VL-1174	ADAPTOR	1
2	TD-4718	SCREW, CAP - DRILLED HEAD - 3/8" - 16NC x 1 1/4"	6
3	VL-1885	SCREW, CAP - DRILLED HEAD - 3/8" - 16NC x 1"	4
4	VY-855	"U" JOINING ASSEMBLY **	1
5	C-1698	SCREW, CAP - 5/8" - 18NF x 2 3/4"	2
6	VL-1236	NUT, LOCK - 5/8" - 18NF	6
7	VM-7199	PUMP, HYDRAULIC	1
8	R-6429	SCREW, SET - 3/8" - 16NC x 3/8" **	1
9	VL-1170	BRACKET, PUMP	1
10	C-1697	SCREW, CAP - 5/8" - 18NF x 2 1/2"	4
11	D-5267	WASHER, FLAT - 5/8"	8
12	C-315	FITTING, GREASE *	1
13	VL-1789	"U" JOINT *	1
14	SL-7740	PIN, ROLL *	2
15	VL-1882	KEY, WOODRUFF *	2
16	VL-1786	SHAFT, DRIVE *	1
17	VL-1792	"U" JOINT *	1
NOTE: * EFFECTIVE THRU SERIAL SUFFIX CPA6-G, CPF6-T. ** EFFECTIVE WITH SERIAL SUFFIX CPA6-H, CPF6-U.			

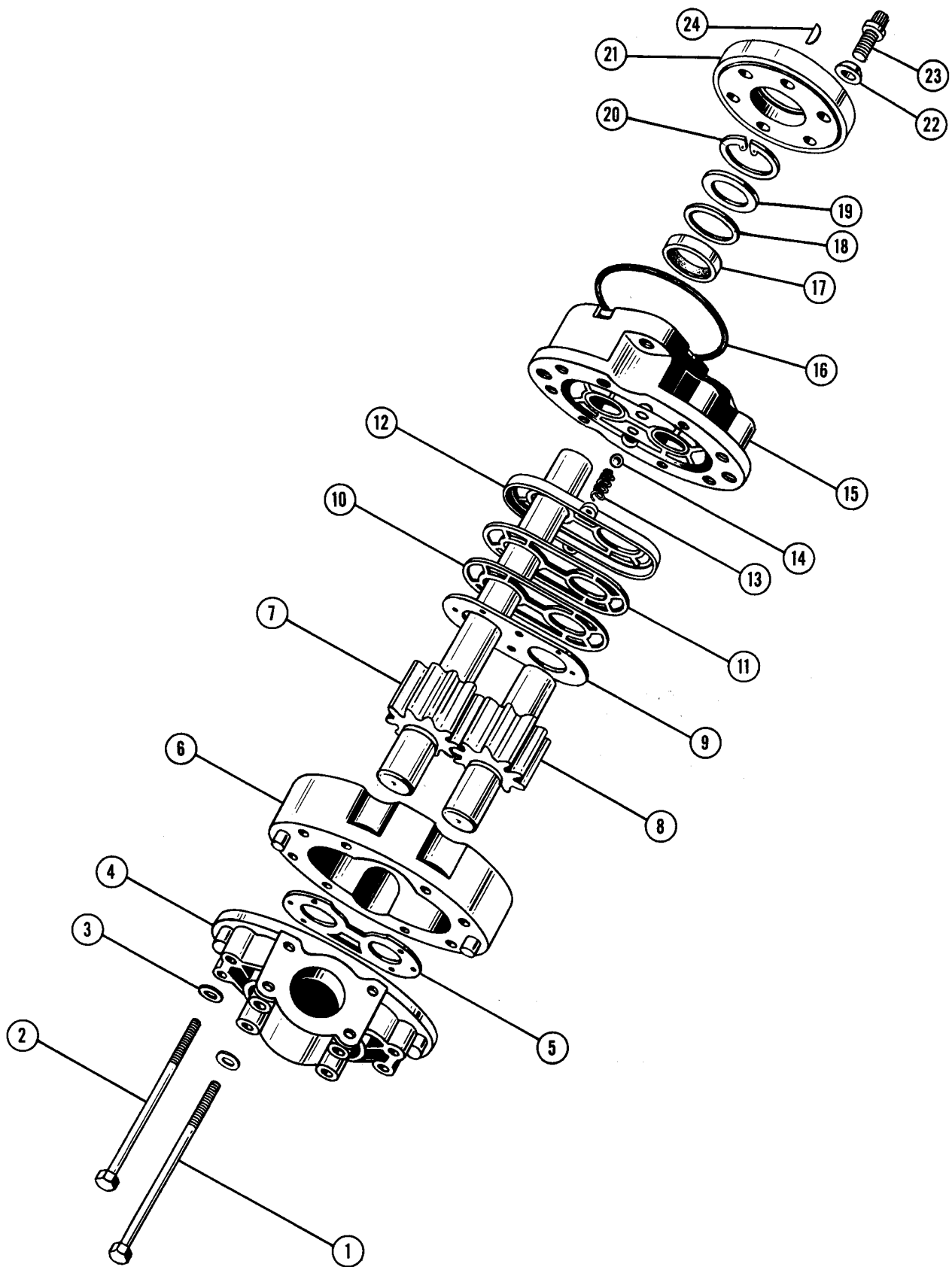


FIG. 3217

HYDRAULIC PUMP ASSEMBLY

FIGURE 3217

HYDRAULIC PUMP ASSEMBLY - VM-7199

Ref. No.	Part No.	Description	Qty.
1	C-5760	SCREW, CAP - 1/2" - 13NC x 5 1/2"	4
2	C-1625	SCREW, CAP - 1/2" - 13NC x 4 1/2"	4
3	VM-1588	WASHER, CRUSH - COPPER - 1/2"	8
4	**	BACK PLATE ASSEMBLY	1
5	VM-1600	PLATE, THRUST	1
6	**	BODY & DOWEL ASSEMBLY	1
7	VM-1589	GEAR & SHAFT, DRIVE	1
8	VM-1599	GEAR, IDLER	1
9	VM-1590	DIAPHRAGM	1
10	VM-1593	GASKET, BACK - UP	1
11	VM-1592	GASKET, PROTECTIVE	1
12	VM-1591	SEAL, DIAPHRAGM	1
13	VM-1594	SPRING, CHECK	2
14	VM-1595	BALL	2
15	**	PLATE, FRONT	1
16	VN-8953	"O", RING	1
17	VN-8952	SEAL	1
18	VN-5799	WASHER, BACK - UP	1
19	VN-8955	WASHER	1
20	VN-8954	RING, SNAP	1
21	VN-5794	RETAINER, SEAL	1
22	VN-5795	WASHER	6
23	VN-1598	SCREW, CAP - 12 POINT	6
24	VN-5798	KEY, SHAFT	1
NOTE: RK-1281 SEAL REPAIR KIT INCLUDES REF. NOS 16 THRU 23. RK-1282 MAJOR REPAIR KIT INCLUDES REF. NOS. 3,5,9 THRU 14, & 16 THRU 23. ** NOT SERVICED SEPARATELY.			

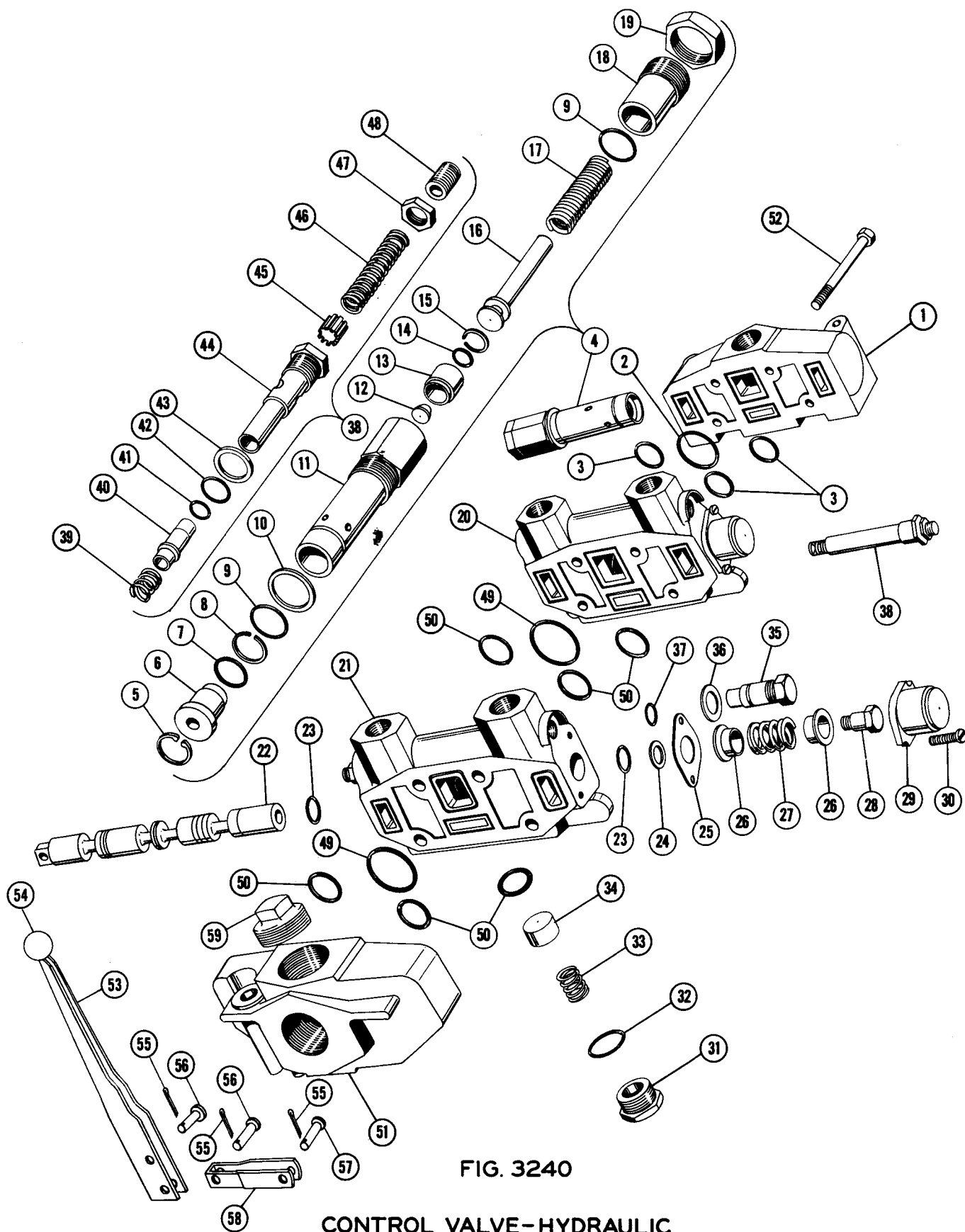


FIG. 3240

CONTROL VALVE-HYDRAULIC

FIGURE 3240

CONTROL VALVE ASSEMBLY, HYDRAULIC VL-1867

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	VS-306	Section Assembly, Inlet (#1) ..	1	30	VS-1	Screw Fil. Head-5/16"-18nc x 3/4"	2
2	VS-304	Housing, Inlet Section ..	1	31	VS-8	Cap, Check Valve	1
3	**	Ring, "O"-2"O.D. x 1 13/16" I.D.	1	32	**	Ring, "O"-1 3/8"O.D. x 1 1/8" I.D.	1
4	**	Ring, "O"-1 3/4"O.D. x 1 9/16" I.D.	3	33	VS-12	Spring	1
5	VN-8972	Cartridge Assembly, Rel. Valve	1	34	VS-9	Poppet, Check Valve ...	1
6	VS-232	Ring, Snap	1	35	VS-17	Check, Anti-Cavitation ...	1
7	VS-235	Poppet	1		VS-202	Housing	1
8	VS-237	Ring, "O"	1		VS-198	Pin	1
9	VS-238	Ring, Back-Up	1	36	VS-200	Ball, Steel-3/8" Dia. ...	1
10	VS-240	Ring, "O"	2	37	VS-201	Washer	1
11	VS-231	Washer, Fiber	1		VS-199	Ring, "O"-5/8"O.D. x 1/2" I.D.	1
12	VS-243	Shell, Cartridge ..	1	38	VN-8974	Cartridge Assy., Overload Rel.	1
13	VS-230	Valve, Snubber Check ..	1	39	VS-206	Spring, Poppet	1
14	VS-236	Seat, Floating	1	40	VS-207	Poppet	1
15	VS-233	Ring, "O"	1	41	VS-205	Ring, "O"-3/8"O.D. x 1/4" I.D.	1
16	VS-234	Ring, Back-Up	1	42	VS-204	Ring, "O"-5/8"O.D. x 1/2" I.D.	1
17	VS-239	Plunger, Displacement ..	1	43	VS-201	Washer	1
18	VS-229	Spring	1	44	VS-211	Shell, Cartridge ...	1
19	VS-242	Screw, Adjusting ..	1	45	VS-210	Seat, Spring	1
20	VS-241	Nut, Lock	1	46	VS-203	Spring	1
	VS-307	Section Assy. Lift (#2)	1	47	VS-208	Nut, Lock-1/2"-20nf ...	1
		(Includes same parts as VS-309		48	VS-209	Screw, Adjusting ...	1
		Section Assy. Difference being		49	**	Ring, "O"-2"O.D. x 1 13/16"	1
		VS-17 Anti-Cavitation Check		50	**	Ring, "O"-1 3/4"O.D. x 1 9/16" I.D.	3
		is in Port B and relief valve is					
		in Port A.		51	VS-305	Section Assembly, Outlet (#4) ...	1
21	VS-309	Section Assembly, Eject (#3) ..	1	52	C-1628	Screw, Cap-1/2"-13nc x 7" ...	4
22	VS-308	Housing & Spool (Match Set-not serviced separately) ..	1	53	VS-313	Handle Assembly	2
23	**	Ring, "O"-1 1/8"O.D. x 7/8" I.D.	2		VS-310	Handle	2
24	VS-6	Ring, Back-Up	1	54	VS-311	Ball	2
25	VS-5	Plate, Retaining	1	55	D-4098	Pin, Cotter	6
26	VS-3	Guide, Spring	2	56	E-4162	Pin-1/2"	4
27	VS-4	Spring	1	57	H-2220	Pin, 3/8"	2
28	VS-2	Bolt, Stripper	1	58	VS-312	Link, Connecting	2
29	VS-10	Cap Valve	1	59	C-1034	Plug, Pipe-1 1/4"NPT	1

NOTE

Note: Valve Assembly Must Be Assembled As Indicated Above Order (#1,2,3,4).

** Included in RK-1299 Repair Kit.

(Effective Thru Serial Suffix CPA6-G, CPF6-T)

(Used With Elevating Scraper)

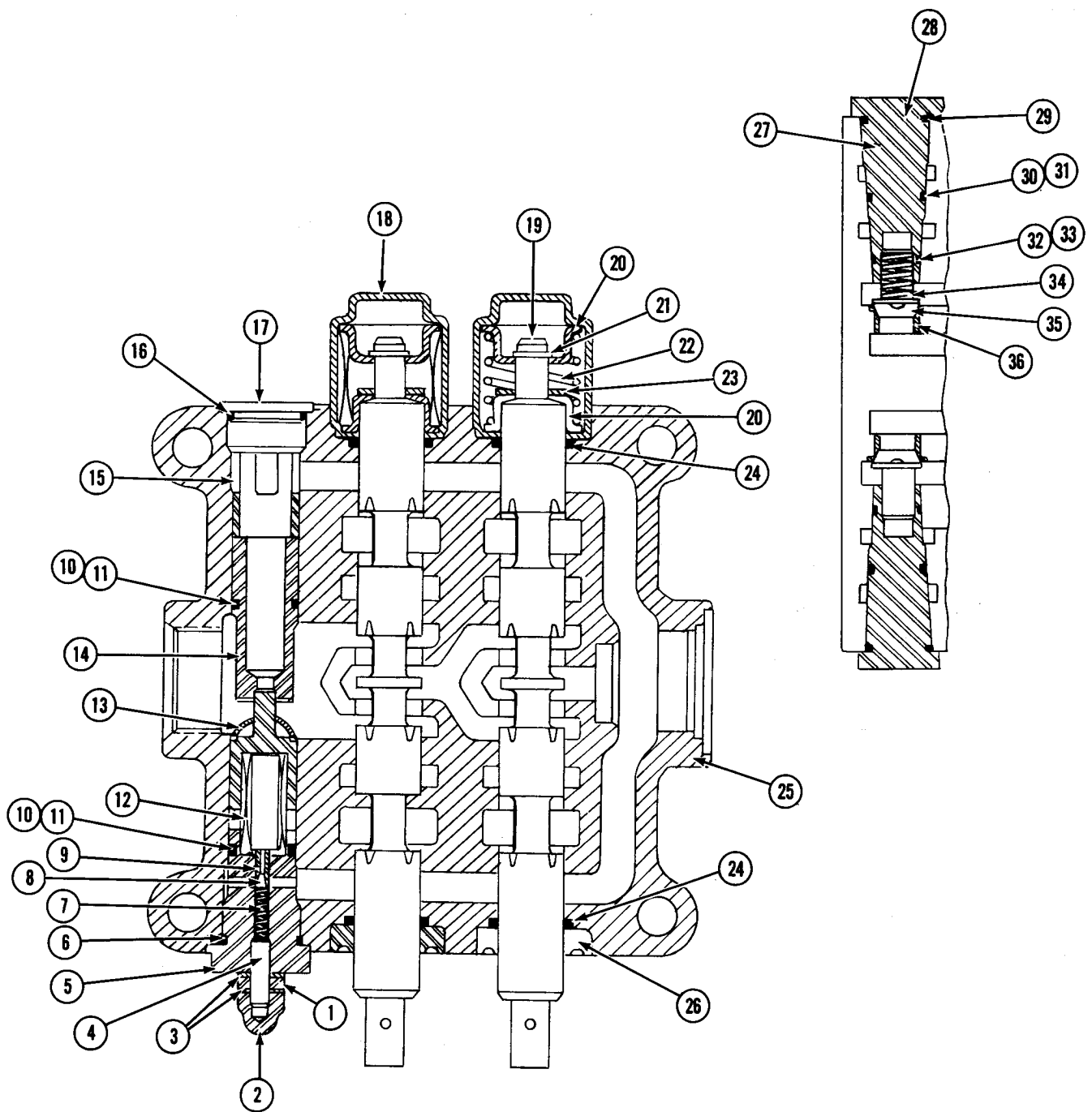


FIG.3241
VALVE-HYDRAULIC CONTROL

FIGURE 3241

HYDRAULIC CONTROL VALVE - VY-232

Ref. No.	Part No.	Description	Qty.
	VS-326	RELIEF VALVE ASSEMBLY	1
1	VS-328	NUT, JAM	1
2	VS-327	NUT, ACORN	1
3		STAT - O - SEAL	2
4	VS-330	SCREW, ADJUSTING	1
5	VS-329	CAP, RELIEF VALVE	1
6	VS-331	"O" RING	1
7	VS-332	SPRING, PILOT PLUNGER	1
8	VS-333	PLUNGER, PILOT	1
9	VS-336	SEAT, PILOT	1
10	VS-335	"O" RING	2
11	VS-334	RING, BACK-UP	2
12	VS-337	SPRING, POPPET	1
13	VS-338	POPPET ASSEMBLY	1
14	VS-339	SEAT, RELIEF	1
15	VS-340	SLEEVE, DRAIN	1
16	VS-341	"O" RING	1
17	VS-342	PLUG, RELIEF VALVE	1
18	VS-324	CAP, SPOOL	2
19	VS-319	SPOOL ASSEMBLY	2
20	VS-320	SPACER, SPRING	4
21	VS-321	RING, SNAP	2
22	VS-322	SPRING, SPOOL CENTERING	2
23	VS-323	WASHER, TRAVEL LIMITER	2
24	*	"O" RING	4
25		BODY, VALVE (Not Serviced)	1
26	*	WIPER & "O" RING RETAINER	2
27	VS-343	VALVE, LOAD CHECK	4
28	VS-344	CAP	4
29	**	"O" RING	4
30	**	RING, BACK-UP	4
31	**	"O" RING	4
32	**	RING, BACK-UP	8
33	**	"O" RING	4
34	VS-345	SPRING	4
35	VS-346	POPPET	4
36	VS-347	SLEEVE, CHECK SEAT	4
NOTE:			
* INCLUDED IN RK-1310 REPAIR KIT			
** INCLUDED IN TK-1311 REPAIR KIT			
USED WITH ELEVATING SCRAPER (EFFECTIVE WITH SERIAL SUFFIX CPA6-H, CPF6-U)			

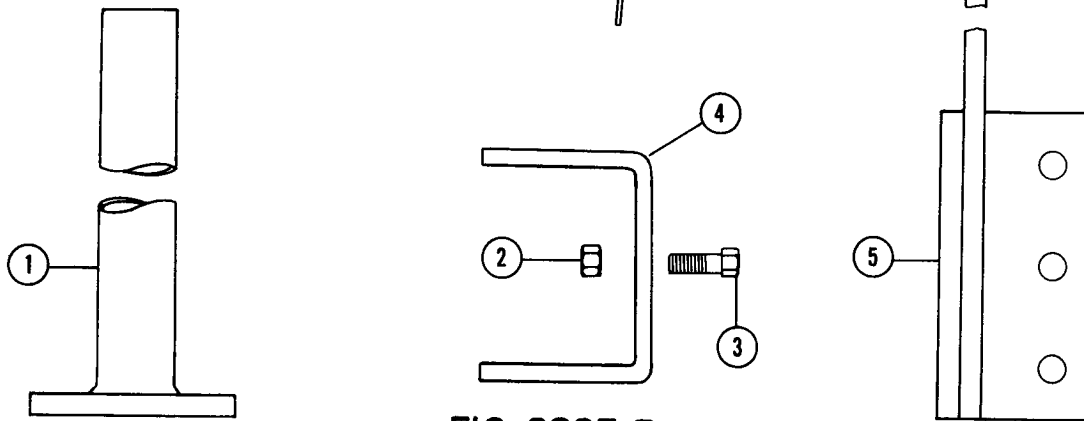
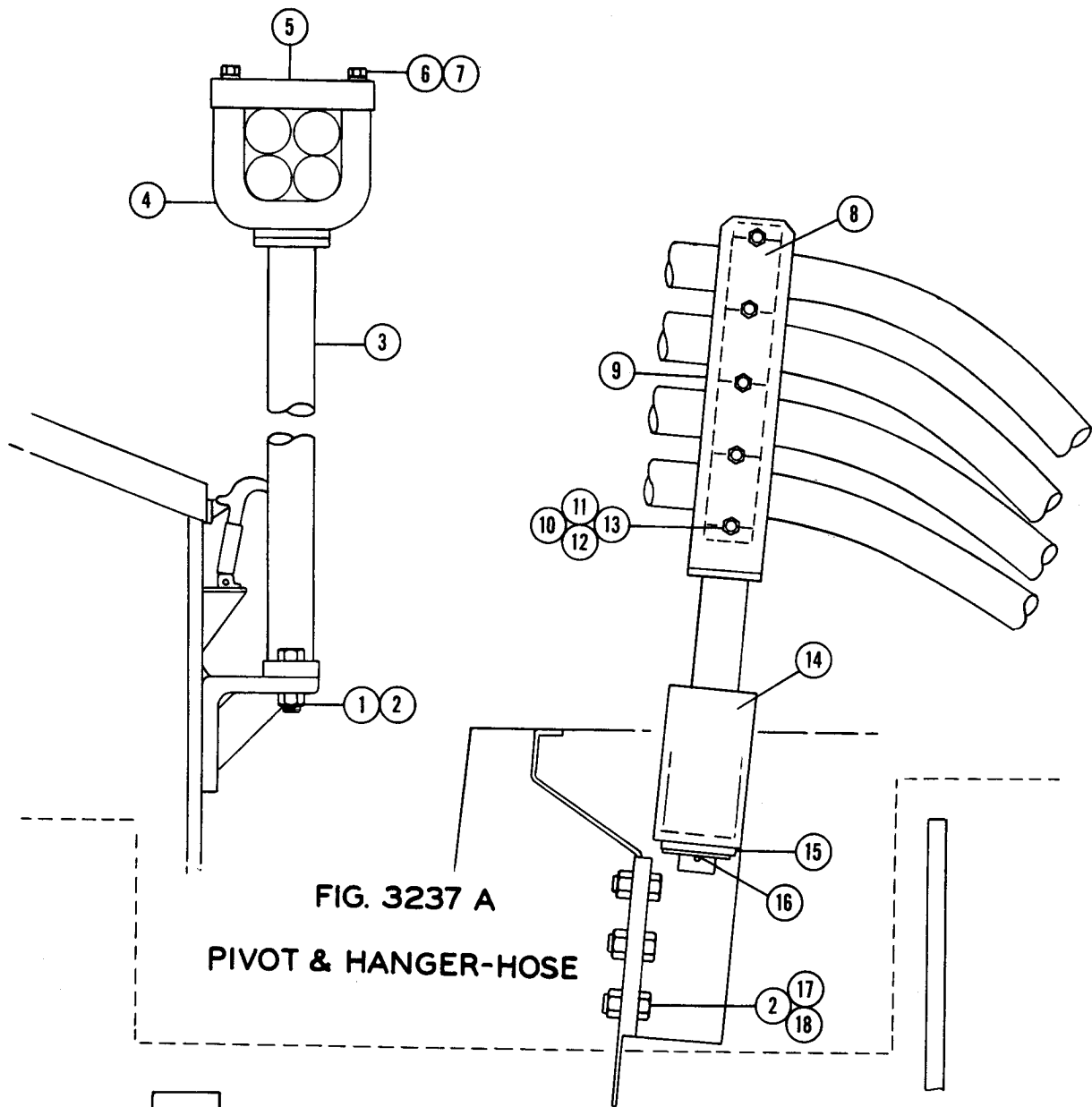


FIGURE 3237A

HOSE SUPPORT & HANGER

Ref. No.	Part No.	Description	Qty.
1	C-1615	SCREW, CAP - 1/2" - 13NC x 1 3/4"	2
2	C-1523	NUT - 1/2" - 13NC	5
3	VL-1836	STANDARD HOSE	1
4	VL-1837	PIVOT	1
5	VL-1838	BAR, CLAMP	1
6	C-1599	SCREW, CAP - 5/16" - 18NC x 1 1/2"	2
7	C-1538	WASHER, LOCK - 5/16"	2
8	VN-3528	CLAMP, HOSE	1
9	VY-1231	PIVOT	1
	H-9917	SCREW, CAP - 3/8" - 16NC x 3 1/2"	5
	C-312	WASHER, LOCK - 3/8"	5
12	C-1547	WASHER, FLAT - 3/8"	5
13	C-1521	NUT - 3/8" - 16NC	5
14	VY-1230	BRACKET, HOSE SUPPORT	1
15	VL-1815	WASHER	1
16	D-1782	PIN, COTTER - 3/16" x 2"	1
17	C-1613	SCREW, CAP - 1/2" - 13NC x 1 1/4"	3
18	C-1549	WASHER, FLAT - 1/2"	3
(EFFECTIVE WITH SERIAL SUFFIX CPA6-H, CPF6-U)			

FIGURE 3237B

HOSE SUPPORT

1	VY-1247	SUPPORT, HOSE-REAR	1
2	C-1523	NUT - 1/2" - 13NC	1
3	C-5760	SCREW, CAP - 1/2" - 13NC x 5 1/2"	1
4	VL-1899	CLAMP, HOSE	1
5	VY-1245	SUPPORT, HOSE - FRONT	1
NOT SHOWN			
	VL-1898	HANGER	2
	VL-1701	STRAP	1
	VL-2091	BLOCK	1
(EFFECTIVE THRU SERIAL SUFFIX CPA6-G, CPF6-T)			