

CONSTRUCTION EQUIPMENT DIVISION
2801 N. E. Adams Street, Peoria, Ill. 61601

PARTS CATALOG

STANDARD & POWER FLOW
666B/777B GRADER

An American-Standard Company



777BLM6980

HOW TO USE THIS PARTS CATALOG

WABCO/CED parts catalogs are controlled by Serial Number of Motor Graders and Wheel Loader, Serial Suffix of all other WABCO/CED Equipment, Engine and Transmission Type, Option and Accessory Group Numbers, and Assembly Numbers of Components carrying their own serial plates such as Electric Motors, Gear Boxes, Suspensions, Air Compressors, Generators and Torque Converters.

WHEN ORDERING PARTS ALWAYS GIVE THE COMPLETE SERIAL NUMBER OF THE MACHINE. ALSO INCLUDE THE ASSEMBLY NUMBER OF COMPONENTS AND/OR GROUP NUMBERS OF OPTIONS AND ACCESSORIES INVOLVED.

Assembly numbers can be taken from the Component Assembly Plate and Group Numbers from the Machine Option Plate.

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

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

Use the Parts Catalog Index to locate the component or group desired. If more than one page is used for similar illustrations, or if there is a choice of two or more like items on any page, be sure to use the page and/or item keyed to your machine serial number or serial suffix. If a serial number or serial suffix range is not shown at the bottom of a page, the page applies to all machines covered by the serial number or serial suffix range shown on the cover of the catalog.

Some parts illustrated may not appear exactly as the part on your machine. In most cases the part and number shown will be your replacement part unless otherwise stated.

Be Sure to Order Parts From the Catalog covering the Serial Number or Serial Suffix of the Machine for Which the Parts Are Needed.

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FOR ENGINE PARTS SEE MANUFACTURER'S PARTS CATALOG.

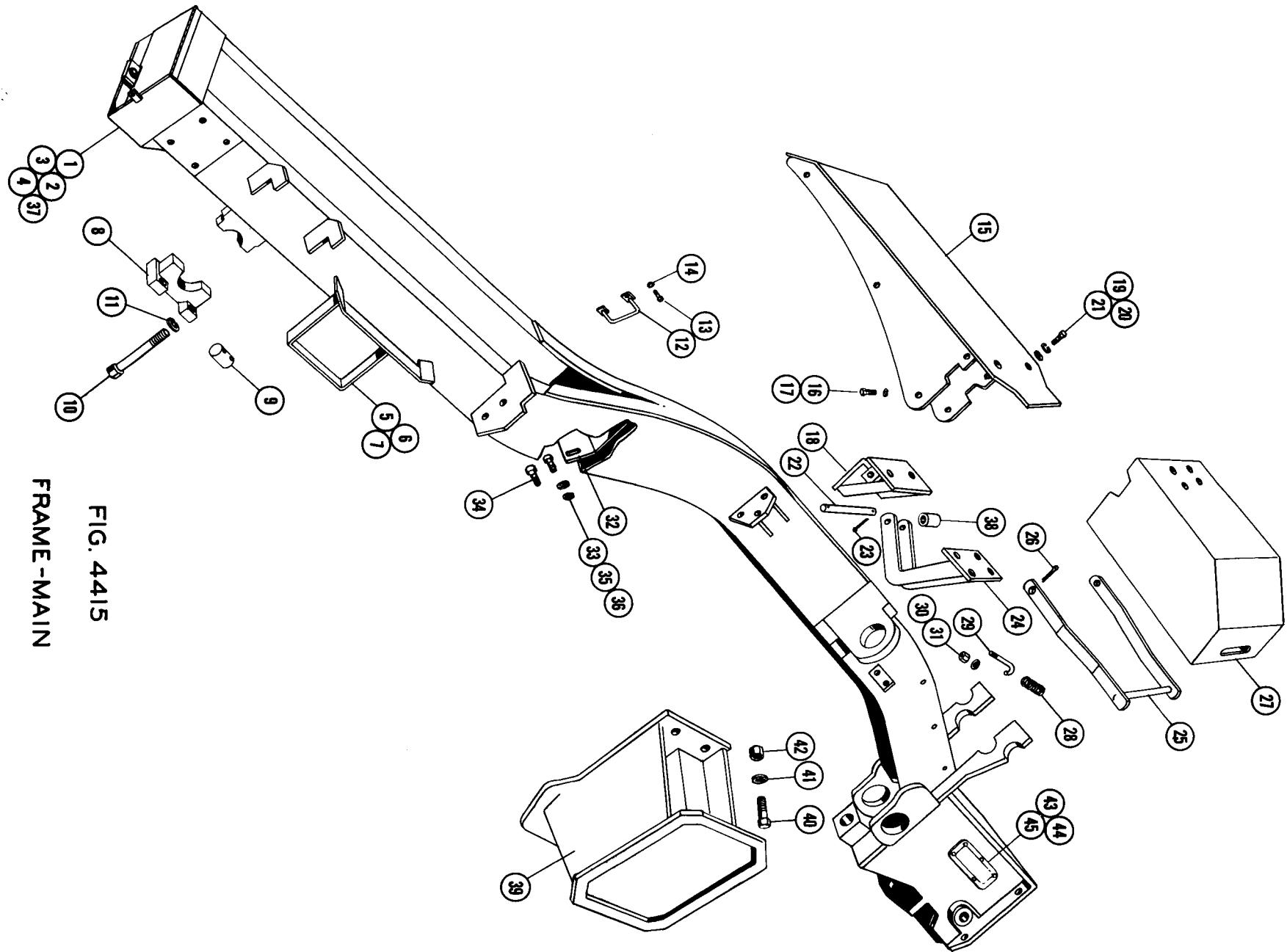


FIG. 4415
FRAME - MAIN

Ref.	Part No.	Qty.	Description
1	VR1137	1	BOX, REAR TOOL
2	C1644	12	SCREW, CAP - 3/4" - TUNC X 2"
3	VM1408	12	MASHER, LOCK - 3/4" - TUNC X 2"
4	C1527	12	NUT, HEX - 3/4" - TUNC
5	VR2054	1	STEP, L.H.
6	VM1409	1	MASHER, LOCK - 7/8"
7	C1529	3	NUT, HEX - 7/8"
8	VP4369	2	STEP, R.H.
9	VR2286	4	BOLT, TAPPED
10	VP4366	8	BAR, TAPPED
11	VM1409	3	CAP, AXLE
12	406947	1	HANDLE, R.H. GRAB
13	C1618	2	HANDLE, L.H. GRAB
14	VM1454	4	MASHER, LOCK - 1/2"
15	VR2302	1	COVER, REAR
16	C5747	12	SCREW, CAP - 5/16" - TUNC X 3/4"
17	VP1878	12	MASHER, LOCK - 5/16"
18	VR0827	1	HINGE, PLATE
19	C1613	4	SCREW, CAP - 1/2" - TUNC X 1 1/4"
20	C1549	4	MASHER, FLAT - 1/2"
21	VM1454	4	MASHER, LOCK - 1/2"
22	VP1871	1	PIN
23	C1556	2	PIN, COTTER - 3/16" X 1"
24	VR0846	1	HINGE
25	VR0847	1	SUPPORT
26	922192	2	PIN, COTTER - 3/16" X 1 1/4"
27	VR2303	1	COVER, FRONT
28	VD1398	1	SPRING
29	VP3075	1	BOLT, HOOK
30	E3735	1	MASHER, FLAT - 5/16"
31	C1520	1	NUT, HEX - 5/16"
32	VP4557	1	GUARD, PUMP
33	C5762	3	SCREW, CAP - 5/8" - TUNC X 1 1/2"
34	C1634	1	MASHER, FLAT - 5/8"
35	C1550	4	SCREW, CAP - 5/8" X TUNC X 3"
36	SR9581	4	MASHER, LOCK - 5/8"
37	VG7805	1	PIN
38	VP1872	1	SPLICER
39	VR1299	1	PUSHER
40	SR6328	4	SCREW, CAP - 1 1/4" - TUNC X 3 3/4"
41	VM1412	4	MASHER, LOCK - 1 1/4"
42	C1533	4	NUT, HEX - 1 1/4" X TNC
43	VP4534	1	COVER
44	VM1598	5	CAPScrew - 5/16" - TUNC X 1"
45	C1598	5	LOCKMASHER - 5/16"
46	CD0296	NS	

FIGURE 4415 MAIN FRAME

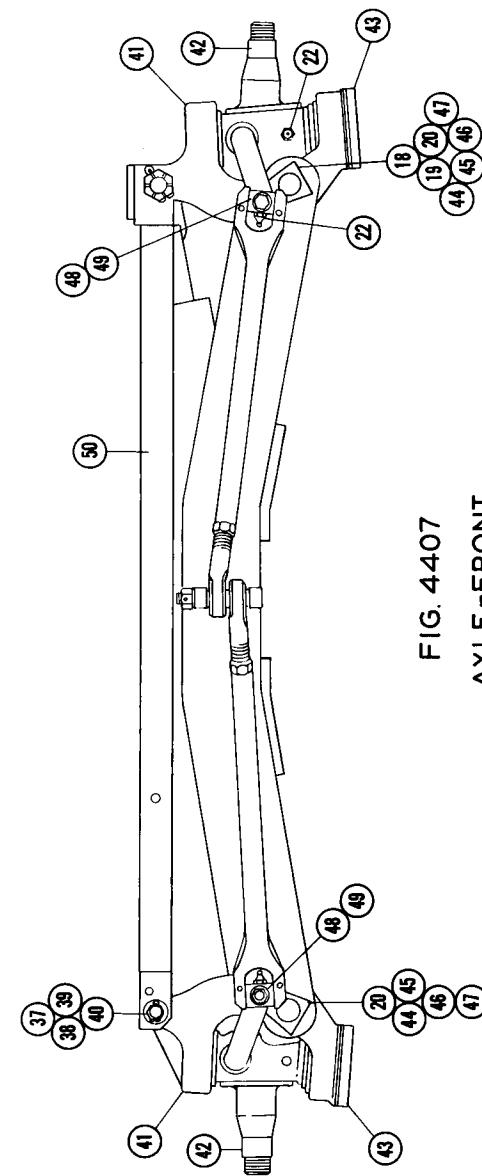
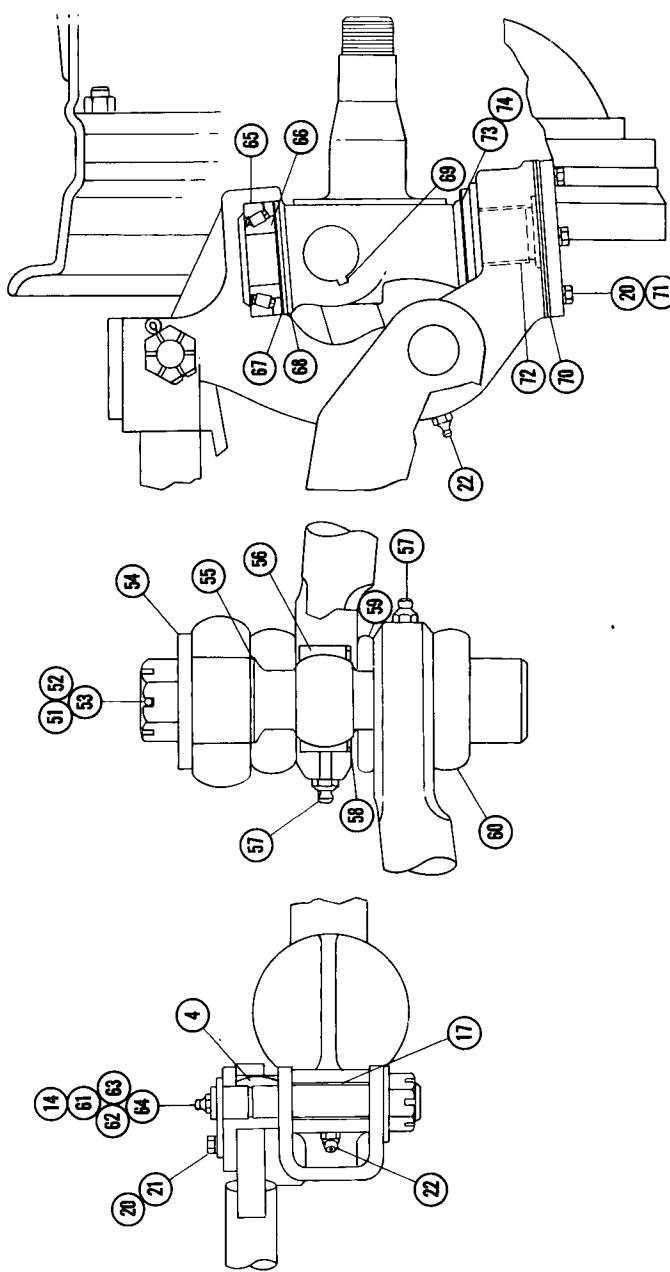
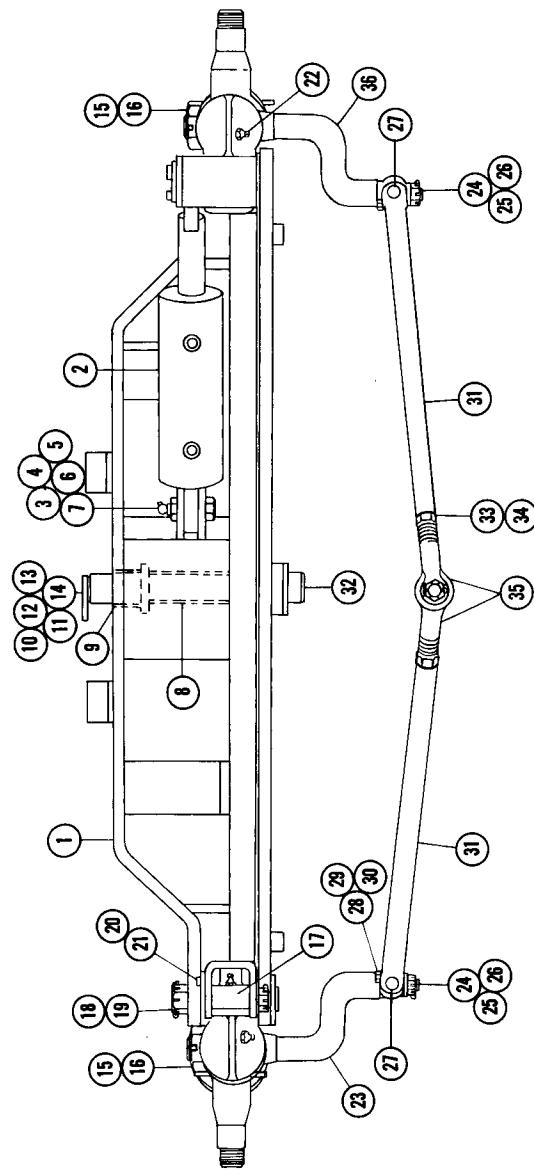


FIG. 4407
AXLE-FRONT

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	V2252	1	AXLE, FRONT	1	VPA174	1	ARM, STEERING, HYDRAULIC
2	FAT505	1	CYLINDER, HYDRAULIC	37	VRO002	1	PIN, VIBRATING BAR
3	VPA1955	1	PIN, ANCILLAR	38	CT551	1	PIN, VIBRATING BAR
4	SVA056	2	BEARING, SELF ALIGNING	39	R6596	1	FLATMASHER - 3/4"
5	VMA1411	1	MASHER, LOCK - 1 1/8"	40	RO194	1	SLOTTED NUT - 3/4"NF
6	VMA1486	1	NUT, HEX - 1 1/8"NC	41	402830	2	SLOTTED NUT - 5/32" X 1 1/2"
7	CT597	1	FITTING, GREASE	42	VPO714	2	SPINDLE (1)
8	VPA176	1	PIPE	43	662232	2	SPINDLE (2)
9	VPA178	2	BUSHING	44	428098	4	BUSHING, SPINDLE
10	V2259	1	PIN, BOLSTER	45	VR0003	2	PIN, TILT
11	VM1454	1	SCREW, CAP - 1/2"NC X 1"	46	CT1606	2	CAPSCREW - 3/8"NC X 2"
12	CT1612	1	LOCKMASHER - 1/2"	47	CT1521	2	NUT - 3/8"NC
13	VPA177	6	THRUST MASHER	48	724149	2	BLock, SWIVEL
14	CO0315	4	FITTING, GREASE	49	V2255	1	BAR, VIBRATING
15	VP0341	2	SLOTTED NUT - 1 3/4"NF	50	VPA173	2	BUSHING
16	VNA9879	2	COTTER PIN - 5/16" X 2 1/2"	51	VPA178	2	COTTER PIN - 3/8"NC X 2 1/2"
17	428099	4	BUSHING	52	SV7529	1	SLOTTED NUT - 5/32"
18	CT1557	2	COTTER PIN - 3/8" X 2 1/2"	53	VNA9873	1	COTTER PIN - 7/8"
19	4P0929	2	COTTER PIN - 3/8"NC X 2 1/2"	54	VPA179	1	MASHER - 7/8"
20	VM1405	2	LOCKMASHER - 3/8"	55	TR1210	1	RING, RETAINER
21	CT1601	2	SCREW, CAP - 3/8"NC X 3/4"	56	VPA173	2	BUSHING
22	4P0569	10	FITTING, GREASE	57	66366	2	FITTING, GREASE
23	VPA175	1	ARM, STEERING, L.H. (1)	58	122178	2	RING, RETRAINING
24	422821	2	MASHER - 3/4"	59	VPA4764	1	PAD, SEAL
25	VP5025	4	PIN	60	VPA4763	2	PAD, SEAL
26	VLP1214	2	COTTER PIN - 1/8" X 1 1/2"	61	VR0838	1	PIN, VIBRATING
27	428699	2	SLOTTED NUT - 3/4"NF	62	CT1554	1	FLATMASHER - 1 1/4"
28	422830	4	PIN, PIVOT LOCK	63	TL5471	1	SLOTTED NUT - 1 1/4"NC
29	VM1454	4	LOCKMASHER - 1/2"	64	VM1485	1	COTTER PIN
30	727296	4	NUT - 1/2"NC	65	SH6266	2	CUP, BEARING
31	4P1724	2	RD, TIE	66	CO0686	2	cone, BEARING
32	VP5025	2	RD, TIE END	67	428093	2	MASHER, CLOSURE
33	SD2994	2	JAM NUT - 1 1/4"NF	68	428092	2	MASHER, CLOSURE
34	VM1412	1	LOCKMASHER - 1 1/4"	69	428107	4	KEY, STEERING ARM
35	VP0333	2	RD, TIE END	70	724018	4	SHIM
36	720407	1	ARM, STEERING, R.H. (1)	71	VN2878	2	CAPSCREW - 3/8"NC X 1 3/8"
				72	723970	2	BUSHING
				73	428090	2	MASHER
				74	721697	2	CLOSURE

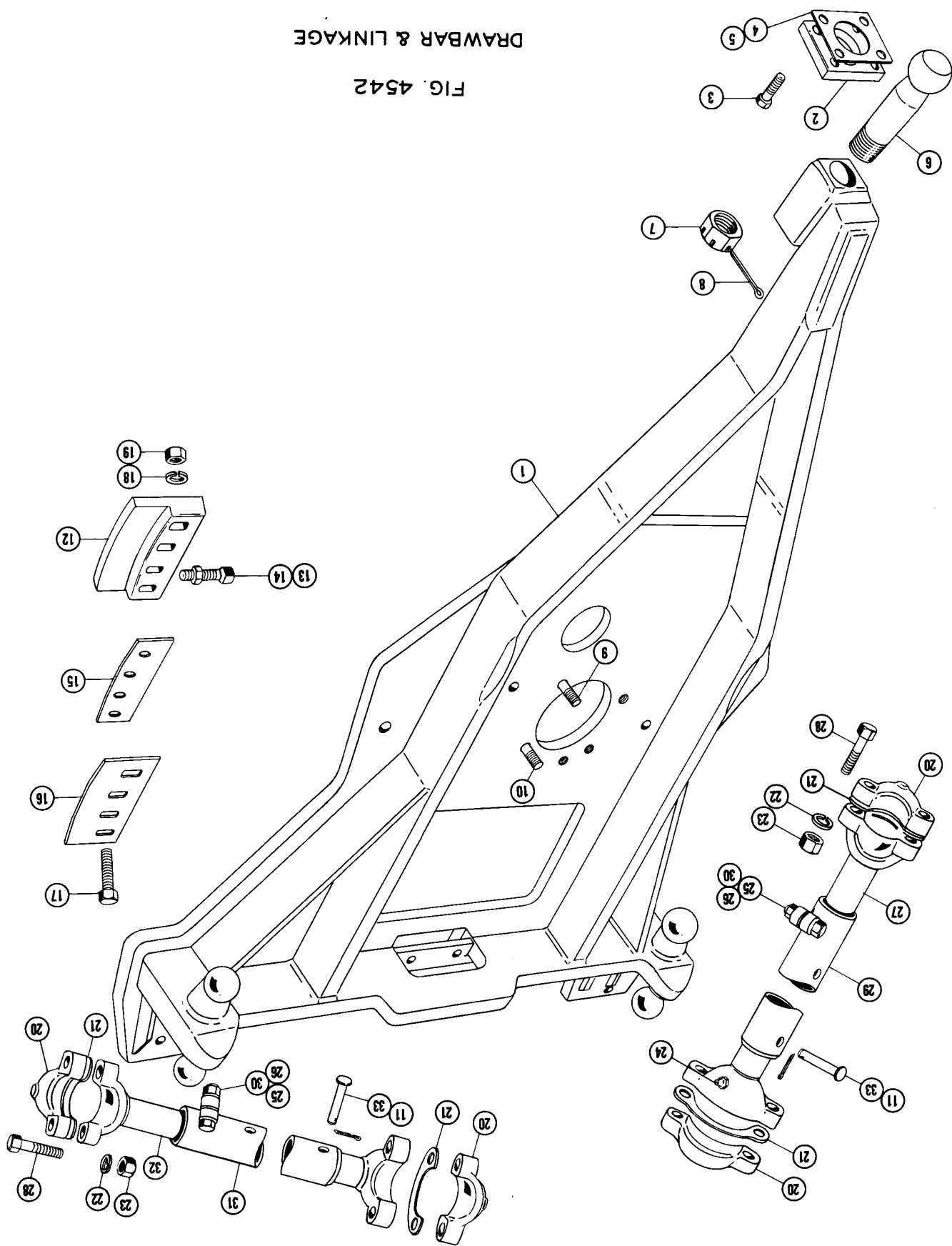
(3) INCLUDES REFERENCE NUMBERS 17-44-70.

(2) EFFECTIVE WITH 777B-777BT.

NOTE: (1) EFFECTIVE WITH 666B-666BT.

DRAWBAR & LINKAGE

FIG. 4542



Ref.	Part No.	Qty.	Description
1	VR2649	1	DRAWBAR (1)
2	VR2095	1	DRAWBAR (2)
3	VP5871	4	CAP, BEARING
4	428061	3	BOLT, DRILLED
5	428062	1	SHIM, DRAWBAR
6	428063	1	BALL, DRAFT
7	DF1438	1	NUT, SLOTTED - 1 1/2" - 12NF
8	VN9878	1	PIN, COTTER - 5/16" X 2 1/2"
9	VP4333	2	STUD (2)
10	VP4332	3	STUD
11	VL1214	3	PIN, COTTER - 1/8" X 1 1/2"
12	VP3939	4	PUSHER, CIRCLE (1)
13	VM1490	8	SETSCREW
14	C5785	8	NUT - 1" - 8NC
15	VR0776	4	PLATE, MEAR
16	VP1780	40	SHIM
17	SR6321	12	CAPSCREW - 7/8" - 9NC X 3 3/4" (1)
18	4P1181	12	CAPSCREW - 7/8" - 9NC X 4" (2)
19	724818	17	LOCKNUUT - 7/8" - 9NC
20	726871	6	CAP, LINK
21	726859	6	SHIM
22	VM1408	12	LOCKMASHER - 3/4"
23	CO315	12	NUT - 3/4" - 10NC
24	S9581	4	FITTING, GREASE
25	C1525	2	LOCKMASHER
26	VR1525	2	NUT - 5/8" - 11NC
27	VR2635	2	SHAFT, LIFT LINK
28	C1649	12	CAPSCREW - 3/4" - 10NC X 3 1/4"
29	VR1587	2	TUBE, LIFT LINK
30	C1636	2	CAPSCREW - 5/8" - 11NC X 3 1/2"
31	VR1671	1	TUBE, LATERAL LINK
32	VR1670	1	SHAFT, LATERAL LINK
33	426947	3	PIN, LINK LOCK

NOTE: (1) EFFECTIVE WITH 666B-666BT.
 (2) EFFECTIVE WITH 777B-777BT.

CIRCLE 8 MANUAL TILT
FIG. 4507

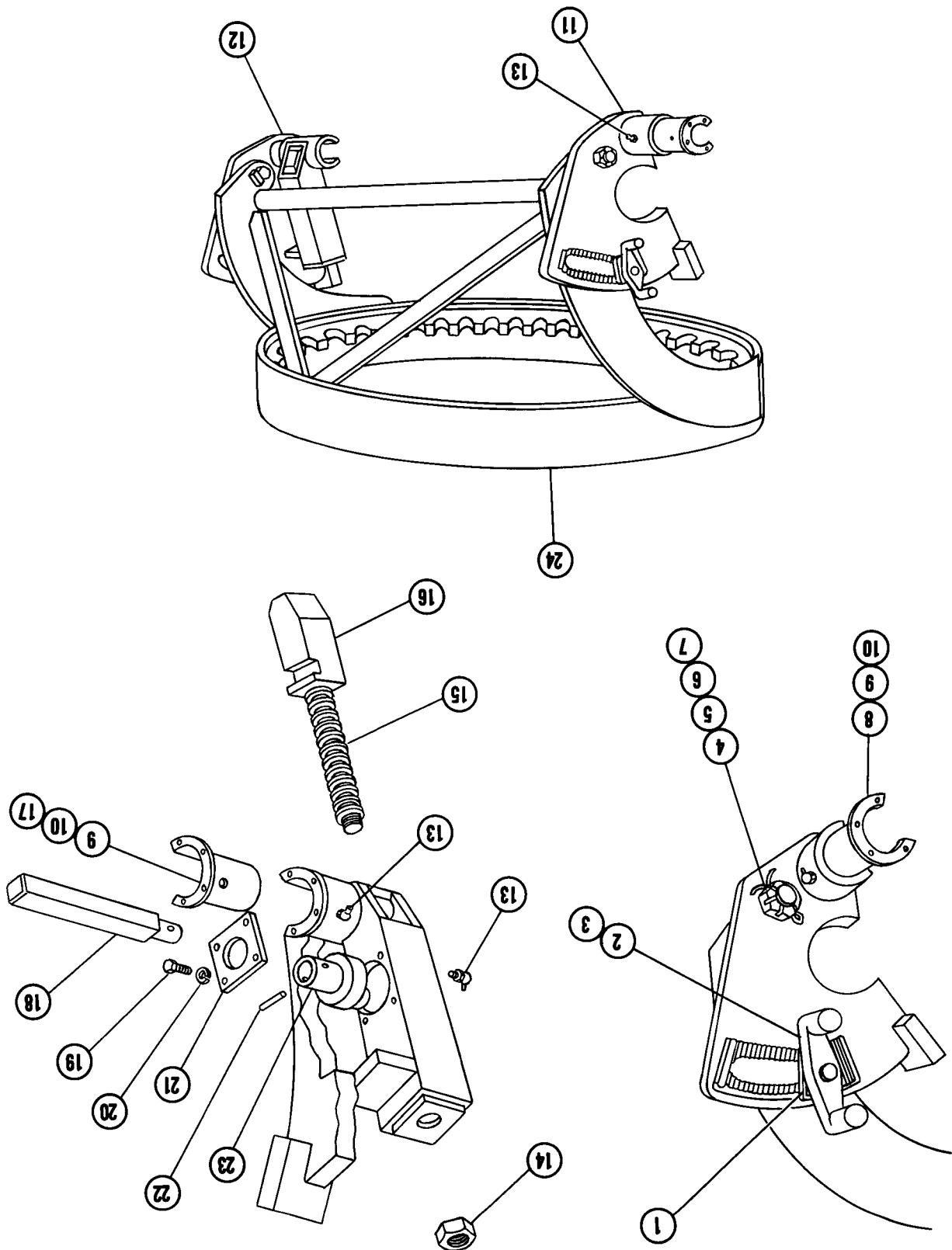


FIGURE 4507

CIRCLE & MANUAL TILT

Ref. No.	Part No.	Qty.	Description
1	662730	2	LOCK, PITCH ADJ.
2	728181	2	BOLT, SHOULDER
3	662803	2	NUT, TILT LOCK
4	VP1960	2	BUSHING
5	VP1961	2	BOLT, DRILLED
6	VM0304	2	NUT - 1 1/2 - 6NC
7	VD5753	2	COTTER, PIN - 3/16" X 2 1/2"
8	VP5047	1	PLATE, WEAR - L.H.
9	C1602	8	CAPSCREW - 3/8" - 16NC X 1"
10	VM1405	8	LOCKWASHER - 3/8"
11	VR2418	1	PLATE, L.H. TILT (3)
	VR2097	1	PLATE, L.H. TILT (4)
12	VR2282	1	PLATE, R.H. TILT (3)
	VR2096	1	PLATE, R.H. TILT (4)
13	C1597	3	FITTING, GREASE
14	722419	1	LOCKNUT (3)
15	721956	1	SPRING (3)
16	403966	1	PIN, LOCK (3)
17	VP5137	1	PLATE, WEAR - R.H. (3)
	VP5046	1	PLATE, WEAR - R.H. (4)
18	726804	1	SHAFT, CONTROL (3)
19	C5747	4	CAPSCREW - 5/16" - 18NC X 3/4 (3)
20	CD0296	4	LOCKWASHER - 5/16" (3)
21	721964	1	PLATE, COVER (3)
22	820074	1	PIN, ROLL (3)
23	726805	1	CAM, CONTROL (3)
24	VS2430	1	CIRCLE (1)
	VS2431	1	CIRCLE (2)
NS	VR3512	1	KIT, CIRCLE SEGMENT REPAIR (1)
NS	VR3513	1	KIT, CIRCLE SEGMENT REPAIR (2)
			NOTE: (1) EFFECTIVE WITH 666B & BT. (2) EFFECTIVE WITH 777B & BT. (3) EFFECTIVE WITH MANUAL SHIFT. (4) EFFECTIVE WITH POWER SHIFT.

POWER TILT-MOLDBOARD

FIG. 4512

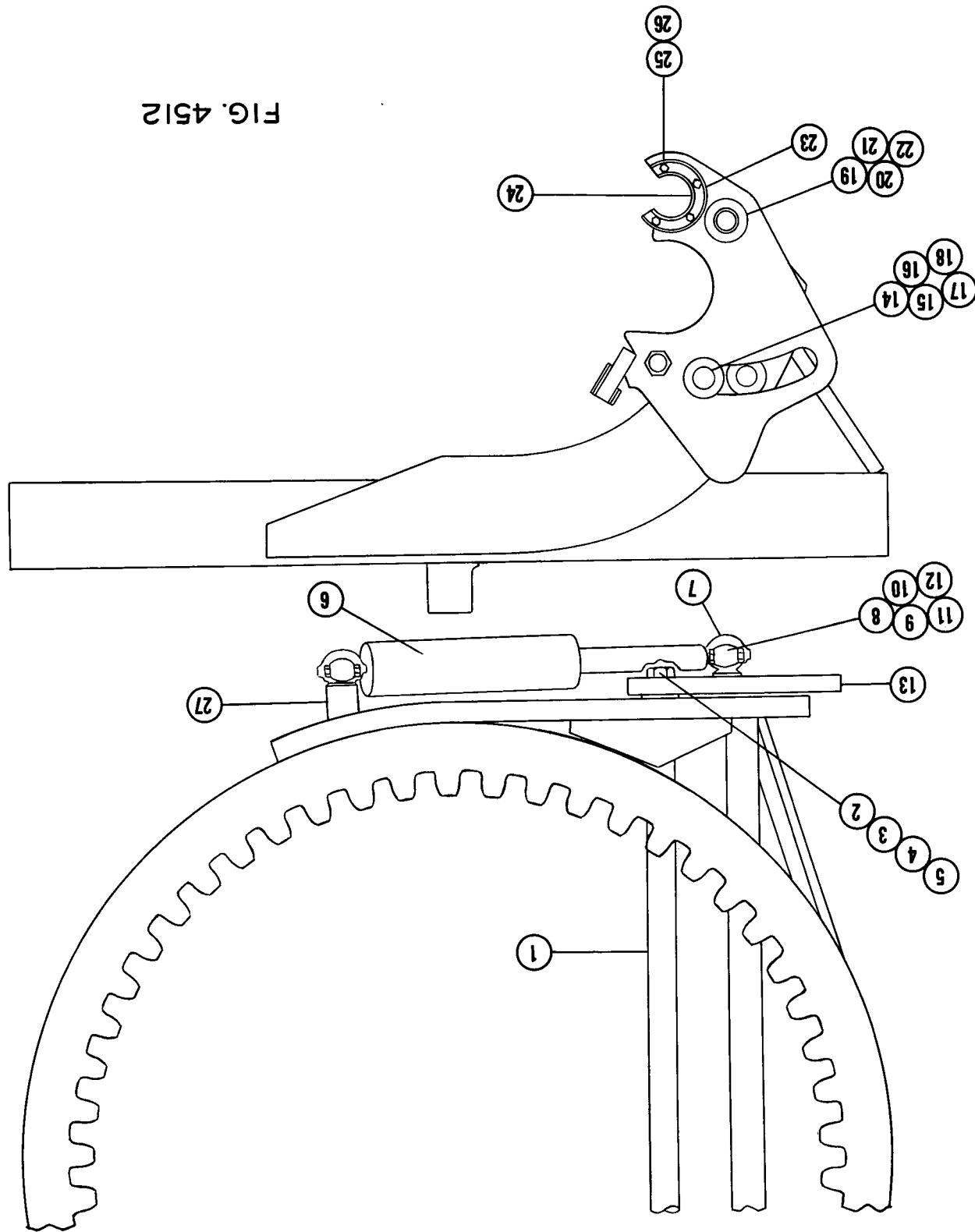


FIGURE 4512

POWER TILT MOLDBOARD

Ref. No.	Part No.	Qty.	Description
1	VR2314	1	PIPE
2	VP4194	1	CAPSCREW - 1 1/4" - 7NC X 5"
3	VM1412	2	LOCKWASHER - 1 1/4"
4	C1533	1	NUT, HEX - 1 1/4" - 7NC
5	SR6327	1	CAPSCREW - 1 1/4" - 7NC X 3 1/2"
6	407615	1	CYLINDER, HYD. - R.H. (SEE INDEX)
	407616	1	CYLINDER, HYD. - L.H. (SEE INDEX)
7	726863	4	CAP, LINK
8	SR9581	8	LOCKWASHER - 5/8"
9	C1525	8	NUT, HEX - 5/8" - 11NC
10	C1632	8	CAPSCREW - 5/8" - 11NC X 2 1/2"
11	726858	4	SHIM
12	C0315	4	FITTING, GREASE
13	VR2077	1	PLATE, TILT - R.H.
	VR2078	1	PLATE, TILT - L.H.
14	VR0583	2	WASHER, TILT
15	729863	2	BOLT, SPECIAL
16	729864	2	SPACER
17	724157	4	SHIM
18	C1534	2	NUT, HEX - 1 1/4" - 12NF
19	VP1960	2	BUSHING
20	VP1961	2	BOLT, DRILLED
21	VM0304	2	NUT, SLOTTED - 1 1/2" - 6NC
22	VD5753	2	COTTER, PIN
23	C1597	2	FITTING, GREASE
24	VP5046	1	PLATE, WEAR - R.H.
	VP5047	1	PLATE, WEAR - L.H.
25	C1602	8	CAPSCREW - 3/8" - 16NC X 1"
26	VM1405	8	LOCKWASHER - 3/8"
27	VP4305	2	BALL

SLIDE SHIFT-POWER SHIFT MOLDBOARD

FIG. 5584

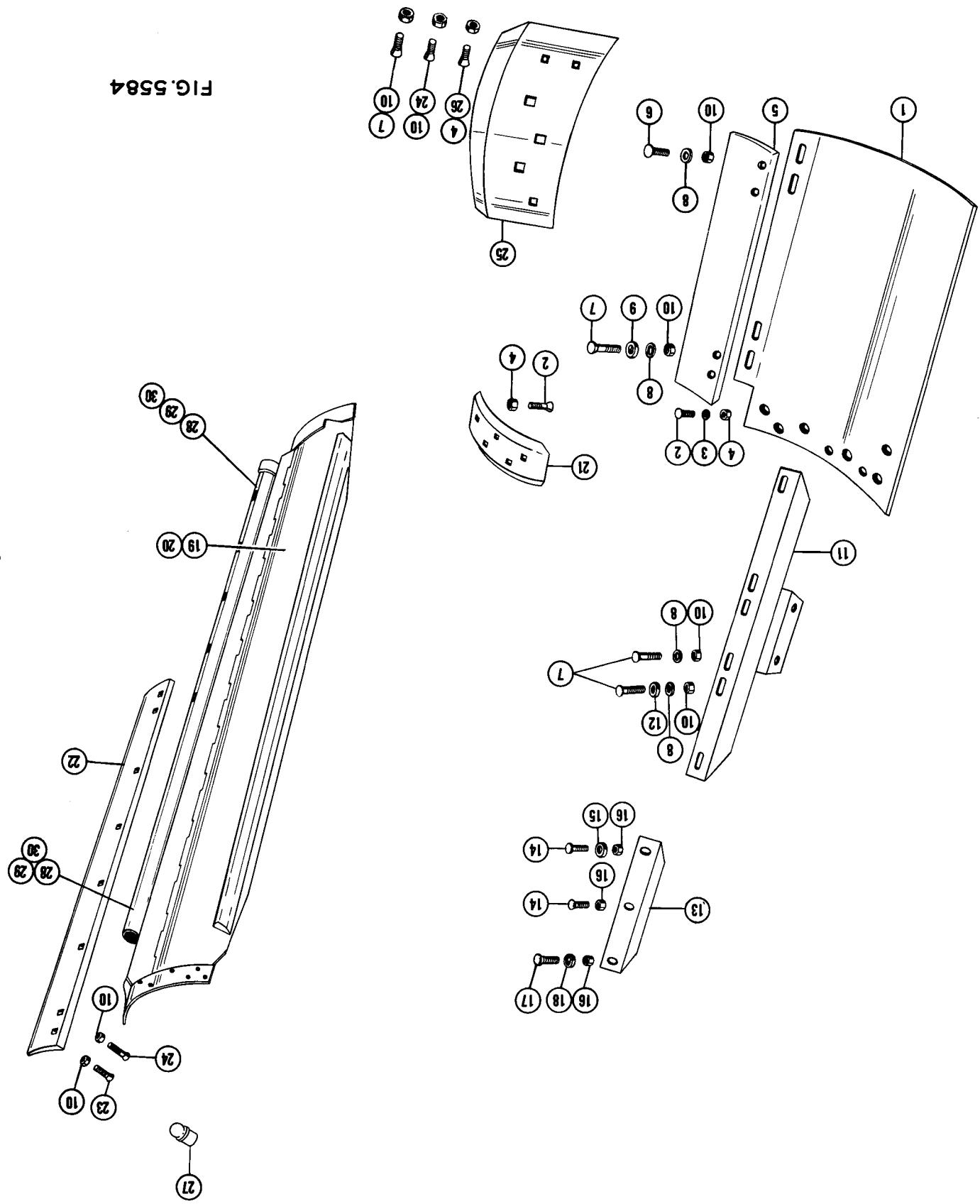


FIGURE 5584

SLIDE SHIFT - POWER SHIFT MOLDBOARD

Ref. No.	Part No.	Qty.	Description
1	727552	1	EXTENSION, R.H. (OPTION)
	727558	1	EXTENSION, L.H. (OPTION)
2	921319	10	BOLT - 3/4" - 10NC X 2 1/2" (OPTION)
	921321	2	BOLT - 3/4" - 10NC X 3 1/2" (OPTION)
	VM1472	14	BOLT - 3/4" - 10NC X 2 1/4"
3	720585	12	WASHER
	923106	4	WASHER, FLAT - 3/4"
4	VM1499	36	NUT - 3/4" - 10NC
5	350801	2	BLADE
6	721772	2	BOLT - 5/8" - 18NF X 2 1/2"
7	721949	14	BOLT - 5/8" - 18NF X 4"
8	923105	16	WASHER, FLAT
9	727553	6	SPACER
10	721780	18	NUT - 5/8" - 18NF
11	405208	2	REINFORCER, LOWER
12	EP0180	4	SPACER
	429600	20	WASHER, FLAT
13	350796	2	ANGLE, UPPER
14	921392	4	BOLT - 3/4" - 10NC X 2 3/4"
15	725554	2	SPACER
16	921560	6	NUT - 3/4" - 10NC
17	921045	2	BOLT - 3/4" - 10NC X 2 3/4"
18	424484	2	SPACER
19		1	MOLDBOARD (ORDER FROM FACTORY)
20		1	PLATE, FORMED (ORDER FROM FACTORY)
21	727479	1	BIT, END - R.H.
	727480	1	BIT, END - L.H.
22	BP0652	1	BLADE, R.H. (2)
	BP0653	1	BLADE, L.H. (2)
	BP0752	1	BLADE, R.H. (2)
	BP0753	1	BLADE, L.H. (2)
23	721773	AR	BOLT - 5/8" - 18NF X 2 1/4"
24	721775	AR	BOLT - 5/8" - 18NF X 3 1/4"
25	727744	1	BIT, OVERLAID END - R.H. (OPTIONAL)
	727745	1	BIT, OVERLAID END - L.H. (OPTIONAL)
26	921320	8	BOLT - 3/4" - 10NC X 3"
27	726791	1	BALL (3)
28	C1525	2	NUT - 5/8" - 11NC (4)
29	C1638	2	SCREW, CAP - 5/8" - 11NC X 4" (4)
30	SR9581	4	WASHER, LOCK - 5/8" (4)

NOTE: (1) FOR WELDING TO FACE OF MOLDBOARD TO PROVIDE NEW WORKING SURFACE.

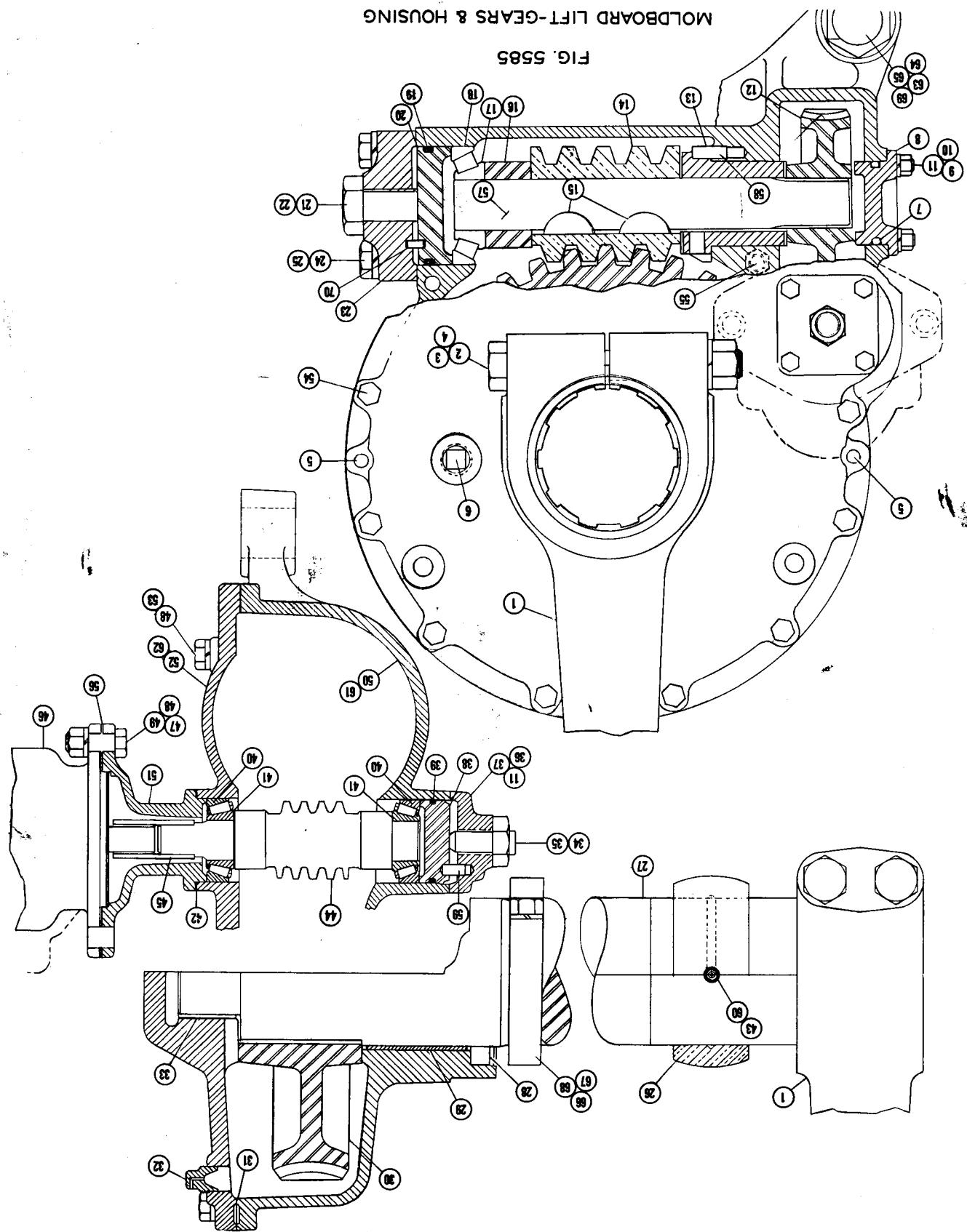
(2) WHEN ORDERING BLADES FOR MOLDBOARDS ORDER:
1-BP652 AND 1-BP653 FOR 12FT. MOLD. 1-BP752
AND 1-BP753 FOR 14FT. MOLD. 1-BP652 AND 1-BP753
OR 1-BP653 AND 1-BP752 FOR 13 FT. MOLD.

(3) EFFECTIVE WITH POWER SHIFT MOLDBOARD.

(4) EFFECTIVE WITH SLIDE SHIFT MOLDBOARD.

MOLDBOARD LIFT-GEAR & HOUSING

FIG. 5585



VJ 6136 Revision 16-38



FIGURE 5585

MOLDBOARD LIFT GEARS AND HOUSING

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	728671	2	ARM, LIFT (1)	37	C1602	8	SCREW, CAP-3/8"-16NC X 1" (6)
	728720	2	ARM, LIFT (2)		C1603	8	SCREW, CAP-3/8"-16NC X 1 1/4"
2	KP0731	4	BOLT, HEAT TREATED	38	VR6095	2	RETAINER (6)
3	VM1409	4	LOCKWASHER - 7/8"		VP4218	2	RETAINER (7)
4	C1529	4	NUT - 7/8" - 9NC	39	TF3232	2	"O" RING
5	5P1798	4	PIN, DOWEL	40	VP4220	4	CUP, BEARING
6	C5771	4	PLUG, PIPE	41	VP4221	4	CONE, BEARING 86649
7	728432	2	"O" RING	42	VP4219	2	GASKET
8	662817	2	CAP, WORM	43	R6366	2	FITTING, GREASE
9	728433	8	STUD	44	VP6094	2	SHAFT, WORM (6) —
10	C1522	8	NUT - 3/8" - 24NF		VP4216	2	SHAFT, WORM (7)
11	VM1405	32	LOCKWASHER - 3/8"	45	VP1241	2	COUPLING
12	VP1249	2	GEAR, SPIRAL	46	VP0803	2	MOTOR, HYDRAULIC (SEE INDEX)
13	662818	2	BEARING, THRUST	47	C1614	4	SCREW, CAP - 1/2"-13NC X 1 1/2"
14	662451	2	WORM	48	VM1454	32	WASHER, LOCK - 1/2"
15	425382	4	KEY, WOODRUFF	49	C1523	4	NUT - 1/2" - 13NC
16	VP1243	2	SPACER (4)	50	VP6102	1	HOUSING - R.H. LIFT (1)/(6)
17	VP6979	2	CONE, BEARING (3) <i>MG 9944</i>		VP3109	1	HOUSING - R.H. LIFT (1)/(2)
	DP1551	2	CONE, BEARING (VP6098	1	HOUSING - R.H. LIFT (2)/(6)
18	VP6980	2	CUP, BEARING (3) <i>MG 9944</i>		VP3907	1	HOUSING - R.H. LIFT (2)/(7)
	DP1552	2	CUP, BEARING (4) —	51	VP4217	2	ADAPTOR, MOTOR
19	429963	2	"O" RING	52	VP4235	1	COVER, R.H. LIFT
20	VP6981	2	CARRIER, BEARING (3)	53	C1615	4	SCREW, CAP - 1/2"-13NC X 1 3/4"
	VP0977	2	RETAINER, BEARING (4)	54	VM1477	24	SCREW, CAP-1/2"-13NC X 1 3/8"
21	DP1605	2	SCREW, SET	55	727733	2	SCREW, CAP - 1/2" SPECIAL
22	C5785	2	NUT, JAM - 1" - 8NC	56	VP0804	2	GASKET
23	401047	2	CAP, BEARING	57	VR3865	2	SHAFT, WORM (W/RING)-(3)
24	C1629	8	CAPSCREW - 5/8"-11NC X 1 3/4"	58	VP1242	2	SHAFT, WORM (4)
25	SR9581	8	LOCKWASHER - 5/8"		426812	2	PIN, DOWEL
26	VP4513	2	BEARING, SPHERICAL (1)	59	VP1644	2	PIN, DOWEL
	VP4512	2	BEARING, SPHERICAL (2)	60	VP0366	2	EXTENSION, LUBE
27	VP3905	2	SHAFT, GEAR (1)	61	VP6103	1	HOUSING, L.H. LIFT (1)/(6)
	VP3904	2	SHAFT, GEAR (2)		VP3910	1	HOUSING, L.H. LIFT (1)/(7)
28	428806	2	SEAL, OIL (1)		VP6099	1	HOUSING, L.H. LIFT (2)/(6)
	VP5620	2	SEAL, OIL (2)		VP3908	1	HOUSING, L.H. LIFT (2)/(7)
29	728486	2	BUSHING, LIFT (1)	62	VP4236	1	COVER, L.H. LIFT
	728458	2	BUSHING, LIFT (2)	63	VR3297	2	BOLT (6)
30	728666	2	GEAR, LIFT (1)		VR0902	2	BOLT (7)
	429678	2	GEAR, LIFT (2)	64	VM1413	2	WASHER, LOCK - 1 1/2"
31	728485	2	GASKET	65	R6493	2	NUT, JAM - 1 1/2"
	723985	2	PLUG, VENT PIPE	66	VP2730	2	CAP, BEARING
33	727356	2	BUSHING	67	C1635	4	SCREW, CAP-5/8"-11NC X 3 1/4"
34	VP6104	2	SCREW, SET - 3/4" (6)	68	SR9581	4	WASHER, LOCK - 5/8"
	350808	2	SCREW, SET - 3/4" (7)	69	VP1881	2	SPACER (7)
35	E2222	2	NUT, JAM - 3/4" - 10NC	70	4P1578	1	PIN, DOWEL (3)
36	VP6096	2	CAP, BEARING (6)		VP7475	2	RING, RETAINING (USED W/VR3865)
	2401	2	CAP, BEARING (7)	NS			

NOTE: (1) EFFECTIVE WITH 666B.

(2) EFFECTIVE WITH 777B.

(3) EFFECTIVE WITH 666B SERIAL NUMBER 15396 AND LATER EXCEPT 15408, 15411 AND 15414; 666BT SERIAL NUMBER 6658 AND LATER; 777B SERIAL NUMBER 3983 AND LATER EXCEPT 3986; 777BT SERIAL NUMBER 6914 AND LATER.

(4) EFFECTIVE PRIOR TO REFERENCE (3).

(6) EFFECTIVE 666B SERIAL NUMBER 15324 AND LATER, EXCEPT 15339, 15357, 15375, 15378 AND 15381. ALSO USED ON 15303. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.

(7) EFFECTIVE PRIOR TO REFERENCE (6).

CIRCLE REVERSE

FIG. 5586

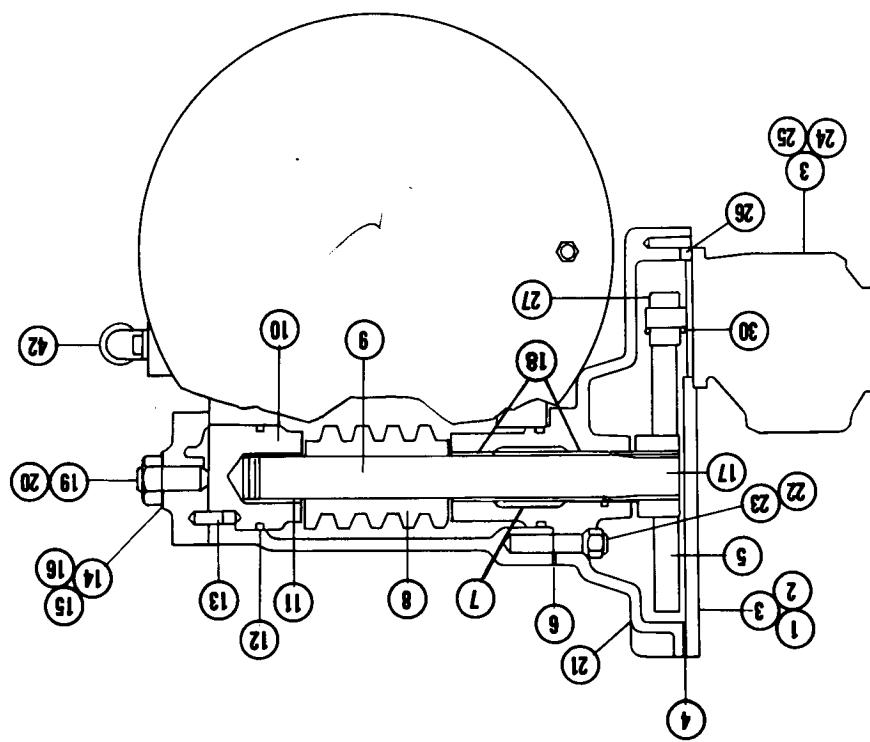
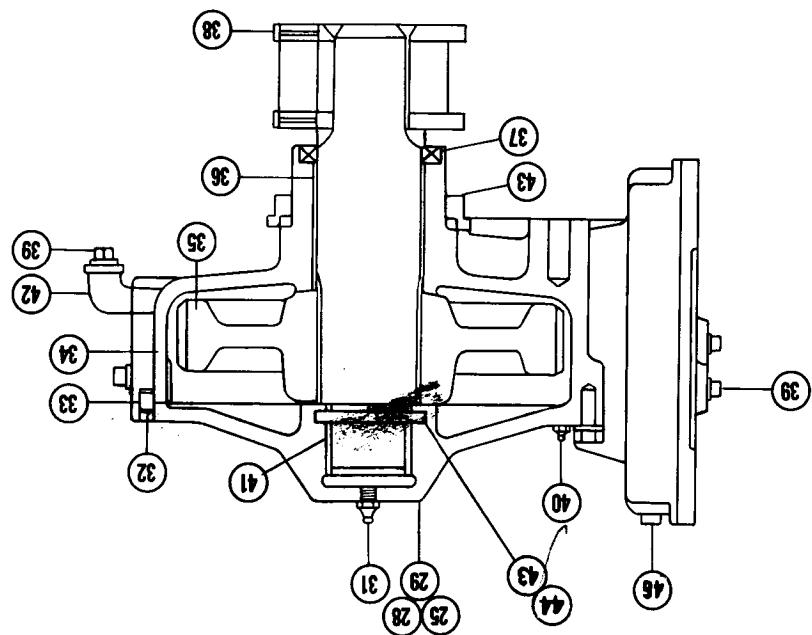


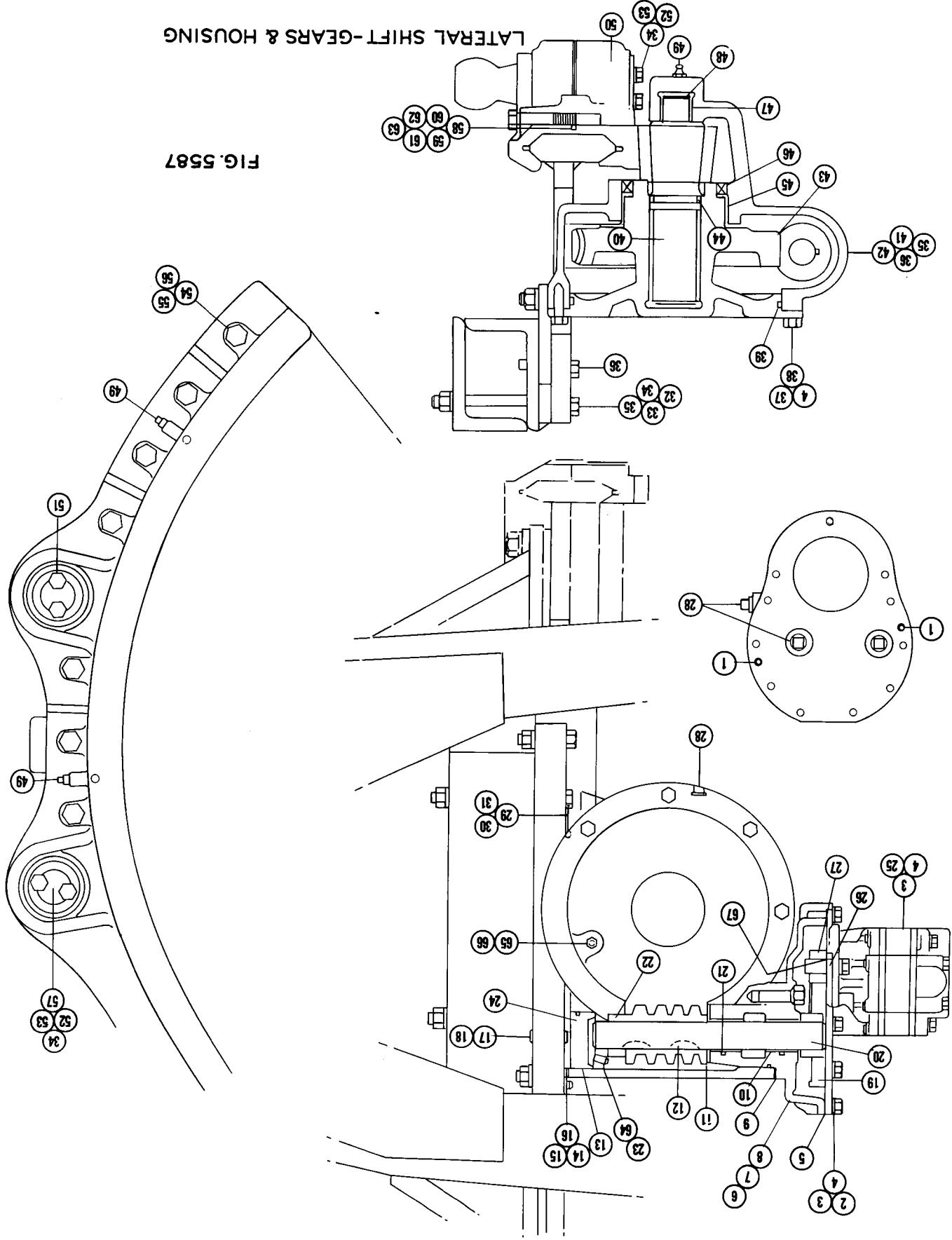
FIGURE 5586

CIRCLE REVERSE

Ref. No.	Part No.	Qty.	Description
1	VR0802	1	COVER, REDUCTION HOUSING
2	C1612	11	SCREW, CAP - 1/2" - 13NC X 1"
3	VM1454	26	WASHER, LOCK - 1/2"
4	VP0799	1	GASKET, REDUCTION HOUSING
5	VR0592	1	GEAR
6	350771	1	GASKET, GEAR HOUSING
7	VP0822	1	SPACER, TUBE
8	672451	1	WORM
9	DP1282	2	KEY, WOODRUFF
10	429830	1	BRACKET, WORM THRUST
11	429845	1	BUSHING
12	429963	2	"O" RING
13	4P1578	1	PIN, DOWEL
14	661396	1	CAP, BEARING (INCLUDES REF. M)
15	C1629	4	SCREW, CAP - 5/8" - 11NC X 1 3/4"
16	SR9581	4	WASHER, LOCK - 5/8"
17	VP0802	1	SHAFT, SPLINED WORM
18	429040	2	BUSHING, BRONZE
19	DP1605	1	SCREW, SET - 1" X 2 1/4"
20	C5785	1	NUT, JAM - 1" - 8NC
21	VR0104	1	HOUSING, REDUCTION (INCL. REF. #7 & 18)
22	728087	4	STUD
23	724047	4	NUT
24	VP0803	1	MOTOR, HYDRAULIC (SEE INDEX)
25	VM1477	15	SCREW, CAP - 1/2" - 13NC X 1 3/8"
26	VP0804	1	GASKET
27	VP0806	1	PINION
28	VR2932	1	COVER (2)
29	VM1454	13	WASHER, LOCK - 1/2"
30	VP1627	2	RING, RETAINING
31	C0315	1	FITTING, GREASE
32	5P1708	2	PIN, DOWEL
33	DP1330	1	GASKET, WORM GEAR HOUSING
34	VR2668	1	HOUSING, CIRCLE REVERSE (INCL. REF. #36)
35	428762	1	GEAR, WORM
36	428673	1	BUSHING, BRONZE
37	VP5619	1	SEAL, OIL
38	VR2093	1	SHAFT, WITH PINION
39	C5771	5	PLUG, PIPE
40	721918	2	FITTING, RELIEF
41	VP5558	1	BUSHING, BRONZE
42	F4037	1	ELBOW
43	VP3903	1	PILOT
44	VP5946	1	SPACER (1)
45	I22226	1	RING, RETAINING (1)
46	R4288	1	PLUG, PIPE
NOTE: (1) EFFECTIVE WITH 777BT, SERIAL NO. 6851 AND LATER EXCEPT 6854, 777B, SERIAL NO. 3829 AND LATER EXCEPT 3841 -3844-3847-3850-3853 AND 3856. 666BT, SERIAL NO. 6627 AND LATER. 666BT SERIAL NO. 15171 AND LATER EXCEPT 15174-15180-15186- 15189 AND 15192.			
(2) INCLUDES REFERENCE NOS. 31-40 AND 41.			

LATERAL SHIFT-GEAR & HOUSING

FIG. 5587



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	4P1578	2	PIN, DOWEL	35	C1525	16	NUT - 5/8" - 1TNC	35	C1525	16	NUT, CAP - 5/8" - 1TNC
2	VRO803	1	COVER, REDUCTION GEAR HOUSING	36	C1633	1	SCREW, CAP - 1/2" - 1TNC X 1"	36	C1633	1	SCREW, CAP - 1/2" - 1TNC X 1"
3	C1612	1	COVER, REDUCTION GEAR HOUSING	37	VP1645	1	COVER, LATERAL SHIFT HOUSING	37	VP1645	1	COVER, LATERAL SHIFT HOUSING
4	VM1454	19	WASHER, LOCK - 1/2"	38	C1613	8	SCREW, CAP - 1/2" - 1TNC X 1 1/4"	38	C1613	8	SCREW, CAP - 1/2" - 1TNC X 1 1/4"
5	VPO966	1	GASKET, COVER	39	727397	1	"O" RING	39	727397	1	BUSHING
6	VPO970	1	HOUSING, REDUCTION GEAR	40	727356	1	"O" RING	40	727356	1	BUSHING
7	724045	4	STUD	41	VP0987	1	HOUSING, LATERAL SHIFT	41	VP0987	1	GEAR, WORM
8	724047	4	NUT - 5/8" - 18NF	42	VP4354	6	STUD	42	VP4354	6	STUD, BALL
9	350771	1	GASKET, REDUCTION GEAR HOUSING	43	VP0986	1	GEAR, WORM	43	VP0986	1	GEAR, WORM
10	VPT209	1	TUBE, SPACER	44	429962	1	"O" RING	44	429962	1	"O" RING
11	672451	1	WORM GEAR	45	VP1213	1	BUSHING	45	VP1213	1	BUSHING
12	DP1282	2	KEY, WOODRUFF	46	VP5622	1	SEAL	46	VP5622	1	SEAL
13	429963	2	"O" RING	47	725810	1	BUSHING	47	725810	1	BUSHING
14	VPO967	1	SHIM - 1/16"	48	VPO993	1	PISTON, ST. BEVEL	48	VPO993	1	PISTON, ST. BEVEL
15	VPO968	2	SHIM - 1/32"	49	CO315	7	FITTING, GREASE - 1/8" NPT	49	CO315	7	FITTING, GREASE - 1/8" NPT
16	VPO969	6	SHIM - .010"	50	VP4302	1	RACK	50	VP4302	1	RACK
17	DP1605	1	SETS CREW	51	VP4352	1	STUD, BALL	51	VP4352	1	STUD, BALL
18	VPO9512	1	NUT, JAM - 1" - 8NC	52	VP1206	2	WASHER	52	VP1206	2	WASHER
19	VRO773	1	GEAR	53	C5762	4	SCREW, CAP - 5/8" - 1TNC X 1 1/2"	53	C5762	4	SCREW, CAP - 5/8" - 1TNC X 1 1/2"
20	VPO972	1	SHAFT, SPLINED WORM	54	VP4303	1	SUPPORT, RACK	54	VP4303	1	SUPPORT, RACK
21	VPO973	1	SCREW, BRONZE	55	C1649	11	SCREW, CAP - 3/4" - 1TNC X 3 1/4"	55	C1649	11	SCREW, CAP - 3/4" - 1TNC X 3 1/4"
22	VPO973	1	BUSHING, BRONZE	56	VM1408	11	WASHER, LOCK	56	VM1408	11	WASHER, LOCK
23	DP1552	1	CUP	57	VP4353	1	PLUG	57	VP4353	1	PLUG
24	VPO977	1	RETAINER	58	VP2896	2	SHIM - 1/16" - 3 1/8" HOLE	58	VP2896	2	SHIM - 1/16" - 3 1/8" HOLE
25	VPO803	1	MOTOR, HYDRAULIC (SEE INDEX)	59	VP2897	4	SHIM - 1/32" - 3 1/8" HOLE	59	VP2897	4	SHIM - 1/32" - 3 1/8" HOLE
26	VPO804	1	GASKET, MOTOR	60	VP2898	12	SHIM - 3 1/8" HOLE	60	VP2898	12	SHIM - 3 1/8" HOLE
27	VPO806	1	PINION	61	VP2600	2	SHIM - 1/16" NOTCHED	61	VP2600	2	SHIM - 1/16" NOTCHED
28	C5771	5	PLUG, PIPE - 1/2" NPT	62	VP2850	4	SHIM - 1/32" - NOTCHED	62	VP2850	4	SHIM - 1/32" - NOTCHED
29	VPO988	1	SHIM - 1/16"	63	VP2899	12	SHIM - .010" NOTCHED	63	VP2899	12	SHIM - .010" NOTCHED
30	VPO989	2	SHIM - 1/32"	64	DP1551	1	CONE, BEARING	64	DP1551	1	CONE, BEARING
31	VPO990	6	SHIM - .010"	65	721918	1	FITTING, RELIEF	65	721918	1	FITTING, RELIEF
32	VPA4245	1	RAIL	66	5P0584	1	BUSHING	66	5P0584	1	BUSHING
33	H7729	2	SCREW, CAP - 5/8" - 1TNC X 7 1/2"	67	VP1627	2	RING, RETAINING	67	VP1627	2	RING, RETAINING
34	SR9581	16	WASHER, LOCK - 5/8"								

HYDRAULIC CYLINDER, SHIELDS FOR
POWER SHIFT MOLDBOARD

FIG. 2743

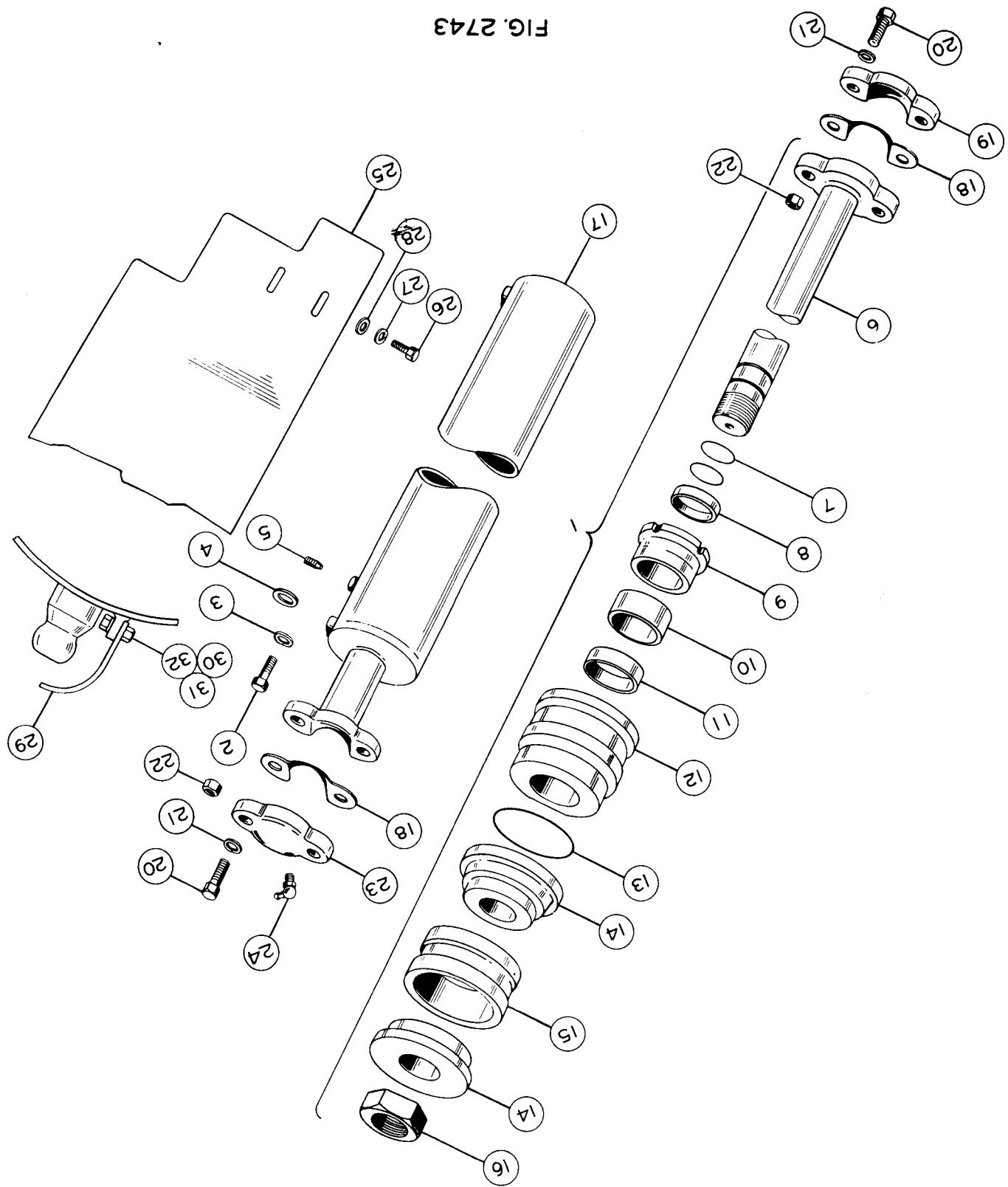


FIGURE 2743

HYDRAULIC CYLINDER, SHIELD FOR POWER SHIFT MOLDBOARD

Ref. No.	Part No.	Qty.	Description
1	407981	1	CYLINDER, HYDRAULIC (3)
2	475541	1	SCREW
3	475542	1	WASHER
4	475540	1	SLUG, LEAD
5	475539	1	SETSCREW
6	406122	1	ROD, PISTON
7	475424	2	"O" RING
8	475445	1	WIPER
9	475442	1	GLAND, PACKING
10	475436	1	PACKING (SET)
11	475434	1	BUSHING
12	475439	1	BOX, STUFFING
13	475432	1	"O" RING
14	475418	2	PISTON, HALF
15	475422	1	PISTON, PACKAGE
16	475538	1	NUT, PISTON ROD
17	VR0016	1	TUBE, CYLINDER
18	726859	2	SHIM
19	726871	1	CAP, LINK
20	C1649	4	SCREW, CAP - 3/4" - 10NC X 3 1/4"
21	VM1408	8	WASHER, LOCK - 3/4"
22	C1527	4	NUT - 3/4" - 10NC
23	726873	1	BEARING, LINK
24	C1597	2	FITTING, GREASE
25	VR0597	1	SHIELD (1)
	VR1738	1	SHIELD (2)
26	C1612	4	SCREW, CAP
27	VM1454	4	WASHER, LOCK
28	C1549	4	WASHER - 1/2"
29	VR1590	1	SHIELD
31	VM1405	4	WASHER, LOCK
32	C1521	4	NUT

NOTE: (1) EFFECTIVE WITH POWER TILT MOLDBOARD.
 (2) EFFECTIVE WITH MANUAL TILT MOLDBOARD.
 (3) 407981 CYLINDER IS REPLACED BY FA2197 CYLINDER. IF
 REPLACEMENT HAS BEEN MADE PRIOR TO FOLLOWING SERIAL
 NUMBERS, ORDER PARTS FROM PAGE 22.
 EFFECTIVE WITH 666B, SERIAL NO. 15240 AND LATER
 EXCEPT 15246, 15264, 15267, 15270, 15273, 15276 AND
 15279. 666BT SERIAL NO. 6600, 6627, 6636 AND LATER.
 777B, SERIAL NO. 3898 AND LATER. 777BT, SERIAL NO.
 6881 AND LATER.

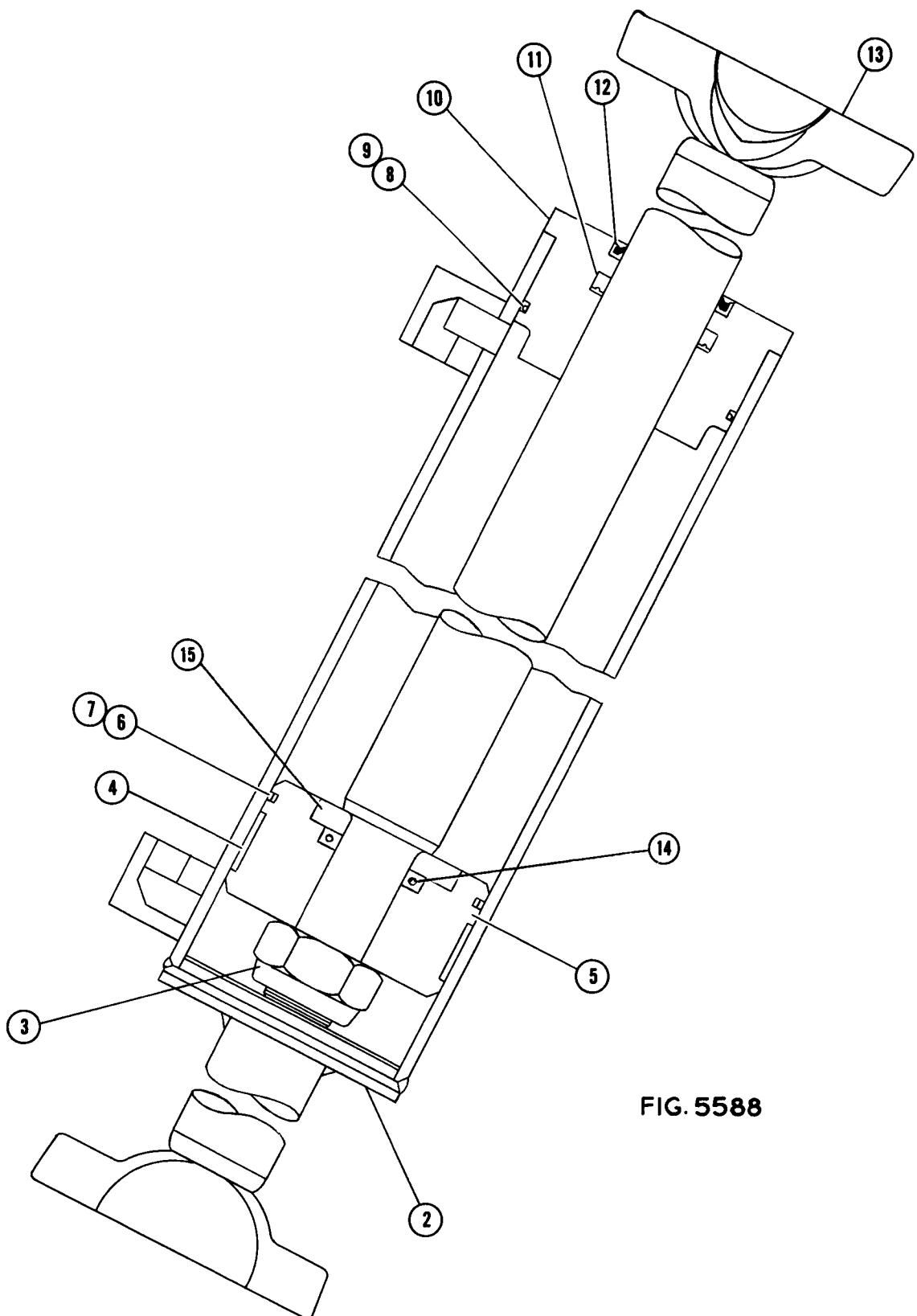


FIG. 5588

HYDRAULIC CYLINDER POWER-SLIDE SHIFT MOLDBOARD

FIGURE 5588

HYDRAULIC CYLINDER FOR POWER SHIFT MOLDBOARD

Ref. No.	Part No.	Qty.	Description
	FA2197	1	CYLINDER, HYDRAULIC
2	VZ3693	1	HOUSING
3	VN4088	1	NUT, LOCK - 1 3/8" X 12NC
4	VZ3919	1	RING, PISTON BEARING
5	TA4960	1	PISTON
6	VZ3920	1	RING, PISTON SEAL
7	VH4924	1	"O" RING
8	WA0109	1	"O" RING
9	WA1346	1	RING, BACK UP
10	TA4955	1	GLAND, CYLINDER
11	VZ3178	1	SEAL, ROD
12	VZ3177	1	WIPER, ROD
13	VZ3695	1	ROD
14	TD0820	1	"O" RING
15	VP6260	1	SPACER
NS	RK1612	AR	REPAIR KIT
<p>NOTE: EFFECTIVE WITH 666B, SERIAL NO. 15240 AND LATER EXCEPT 15246, 15264, 15267, 15270, 15273, 15276 AND 15279. 666BT, SERIAL NO. 6636 AND LATER. ALSO 6600 AND 6627. 777B, SERIAL NO. 3898 AND LATER. 777BT, SERIAL NO. 6881 AND LATER.</p>			

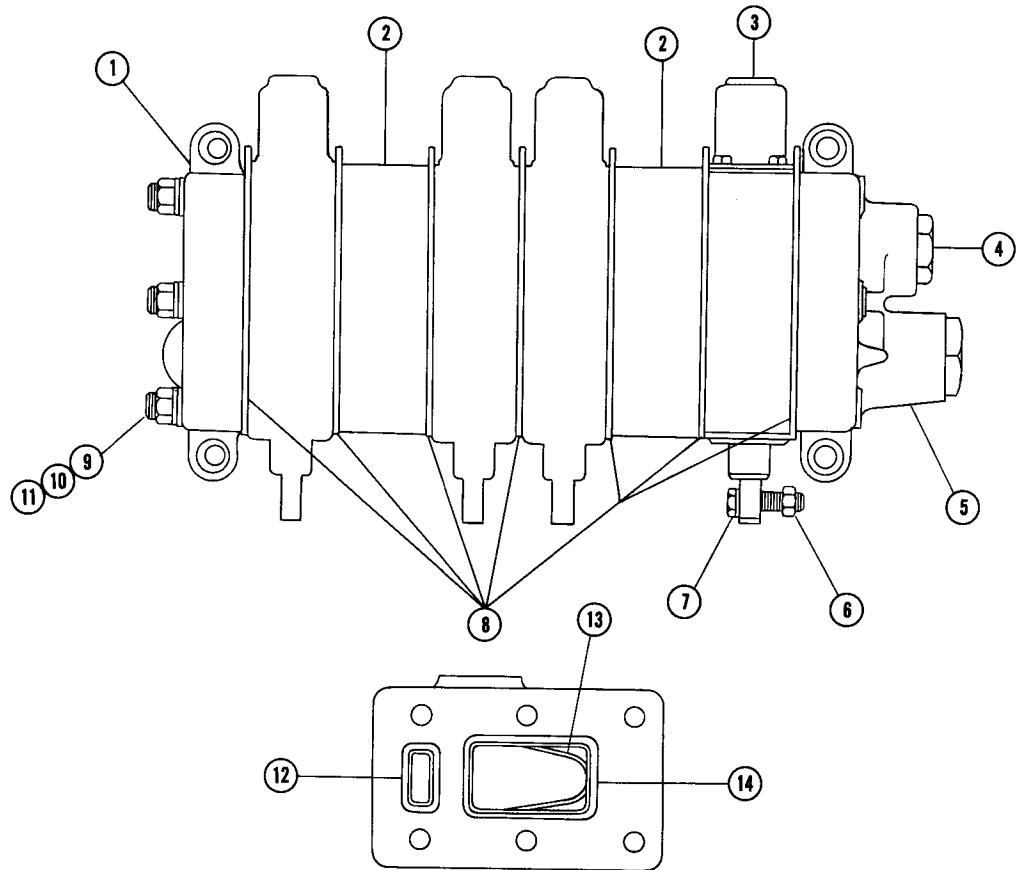


FIG.4552 A

VALVE, CONTROL

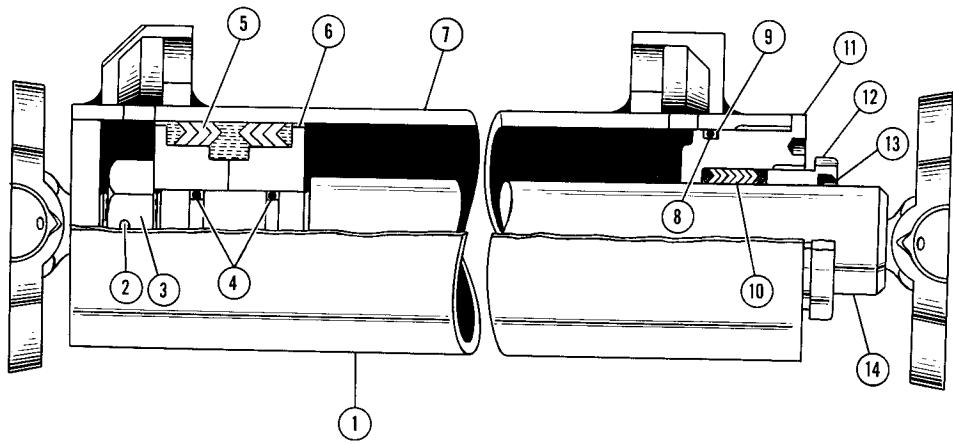


FIG. 4552 B

CYLINDER, POWER TILT

FIGURE 4552

VALVE, CONTROL

Ref. No.	Part No.	Qty.	Description
1	VP2201	1	VALVE, INLET (SEE INDEX)
2	VP3929	2	SPACER
3	VP2200	4	VALVE (SEE INDEX)
4	VM0317	1	PLUG
5	VP2202	1	VALVE, OUTLET (SEE INDEX)
6	723738	4	LOCKNUT
7	C1676	4	CAPSCREW - 7/16" - 20NF X 1 1/2"
8	VP2207	7	PLATE, SEPARATOR
9	VP2203	6	ROD, TIE
10	C1523	12	NUTS - 1/2" - 13NC
11	VM1454	12	LOCKWASHER - 1/2"
12	VP2206	7	WASHER
13	VP2204	7	RETAINER, GASKET
14	VP2205	7	WASHER
EFFECTIVE WITH SERIAL NUMBERS 666B PRIOR TO SERIAL NUMBER 15288. 666BT PRIOR TO SERIAL NUMBER 6636. 777B PRIOR TO SERIAL NUMBER 3904, ALSO 3907 AND 3910. 777BT PRIOR TO SERIAL NUMBER 6884.			

FIGURE 4552B

CYLINDER, POWER TILT

1	407615	1	RAM, R.H. (1)
	407616	1	RAM, L.H. (1)
2	475430	1	PIN, COTTER
3	475520	1	NUT
4	475425	2	"O" RING
5	475519	1	PACKING, PISTON
6	475518	2	PISTON, HALF
7	409038	1	TUBE, R.H.
	409040	1	TUBE, L.H.
8	475521	1	"O" RING
9	475808	1	RING, BACK UP
10	475522	1	PACKING SET
11	475523	1	BOX, STUFFING
12	475524	1	GLAND, PACKING
13	475525	1	WIPER
14	409039	1	ROD, PISTON
NOTE: (1) EFFECTIVE WITH 666B PRIOR TO SERIAL NO. 15330, ALSO 15378 AND 15381. 666BT PRIOR TO SERIAL NO. 6645. 777B PRIOR TO SERIAL NO. 3934. 777BT PRIOR TO SERIAL NO. 6890.			
407615 IS REPLACED BY FA1509 RAM. 407616 IS REPLACED BY FA1510 RAM.			
IF REPLACEMENT HAS BEEN MADE OR FOR LATER SERIAL NUMBERS ORDER PARTS FROM PAGE 22.			

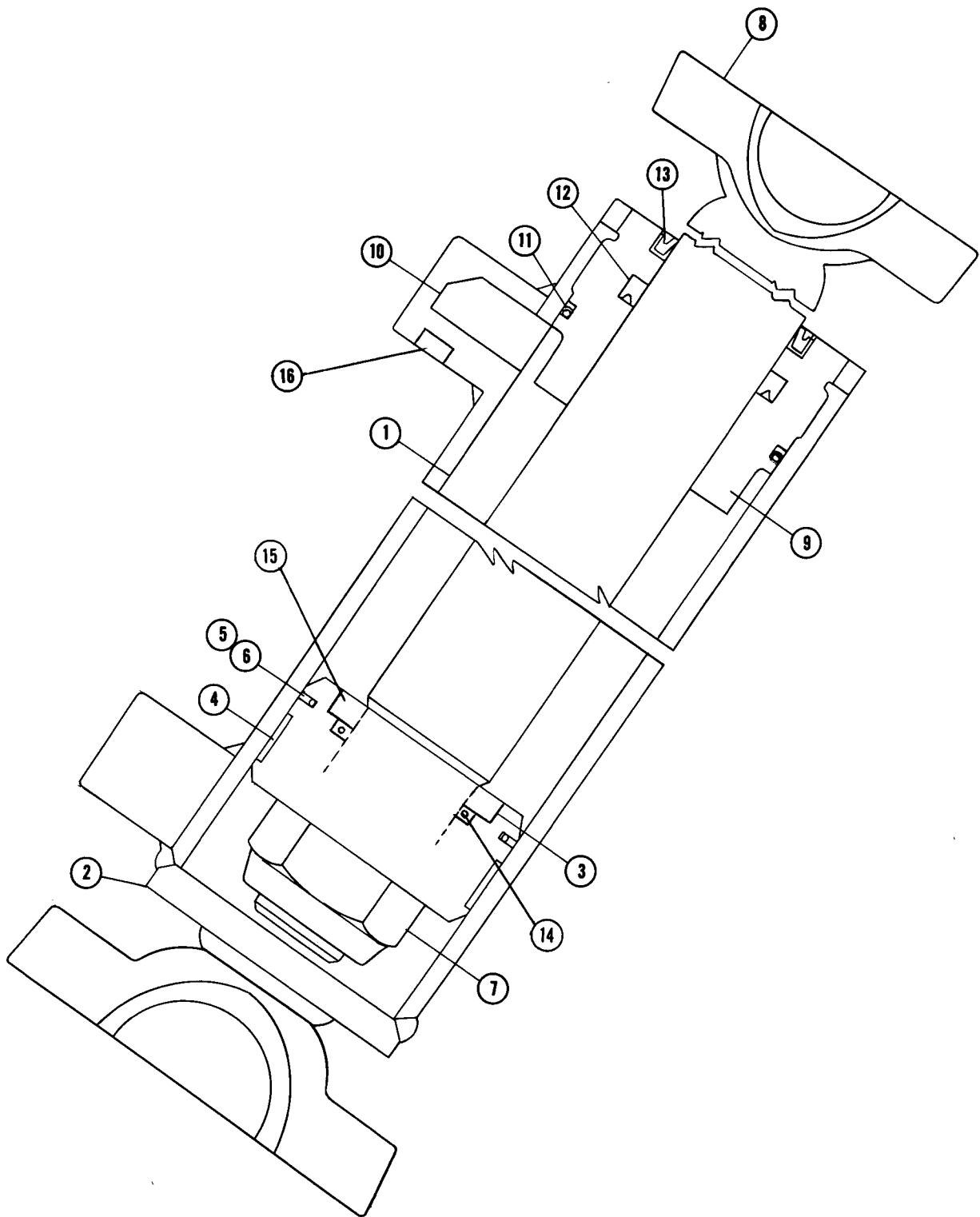


FIG. 5589

CYLINDER-POWER TILT

FIGURE 5589

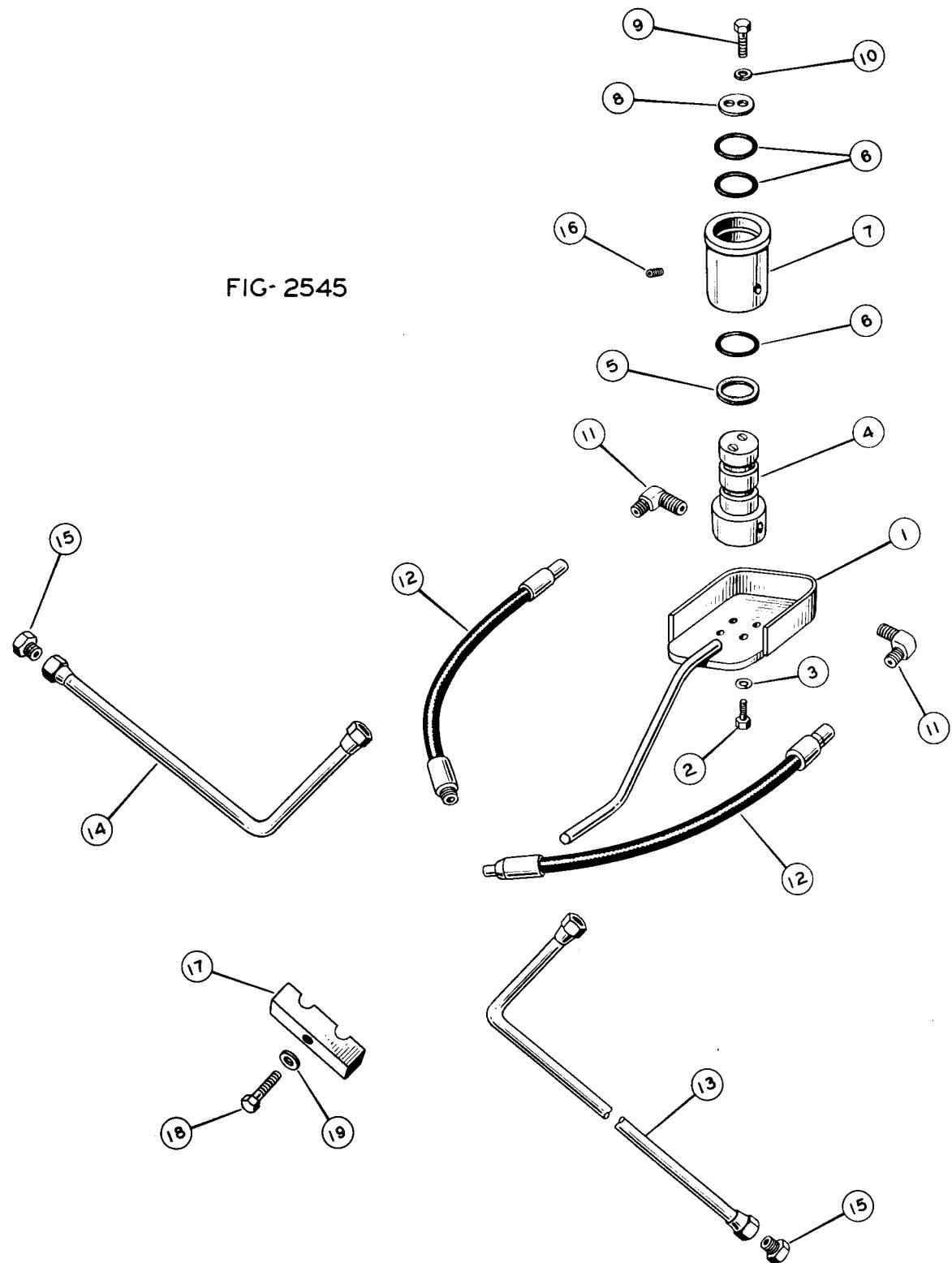
CYLINDER - POWER TILT

Ref. No.	Part No.	Qty.	Description
1	FA1509	1	RAM, R.H. (1)
	FA1510	1	RAM, L.H. (1)
2	VZ4566	1	HOUSING, R.H.
	VZ4565	1	HOUSING, L.H.
3	VZ3688	1	PISTON
4	VZ3691	1	RING, BEARING
5	VZ3692	1	SEAL, PISTON
6	WA0091	1	"O" RING
7	VN4088	1	NUT - 1 3/8" - 12NC
8	VZ4560	1	ROD
9	VZ3690	1	GLAND
10	TD8594	1	"O" RING
11	WA1236	1	RING, BACKUP
12	VZ3178	1	SEAL, ROD
13	VZ3177	1	WIPER, ROD
14	TD0820	1	"O" RING
15	VP6260	1	SPACER
16	R4288	1	PLUG, PIPE
	RK1617	AR	KIT (2)

NOTE: (1) EFFECTIVE WITH 666B SERIAL NO. 15330 AND LATER EXCEPT
15378 AND 15381. 666BT SERIAL NO. 6645 AND LATER.
777B SERIAL NO. 3934 AND LATER. 777BT SERIAL NO.
6890 AND LATER.

(2) CONSISTS OF REFERENCE NOS. 4-5-6-10-11-12-13 & 14.

FIG- 2545



ROTARY CONTROL FOR POWER SHIFT MOLDBOARD & CIRCLE

FIGURE 2545

ROTARY CONTROL FOR POWER SHIFT MOLDBOARD

Ref. No.	Part No.	Qty.	Description
1	VR2637	1	GUARD (1)
	VR0596	1	GUARD (2)
2	C1613	4	SCREW, CAP - 1/2" - 20NC X 1 1/4"
3	VM1454	4	WASHER, LOCK - 1/2"
4	729933	1	ROTOR (4)
	729946	1	ROTOR (3)
5	729866	1	WASHER, FELT
6	729945	3	"O" RING
7	672857	1	BODY (4)
	662857	1	BODY (3)
8	729860	1	PLATE, BOLTING
9	VN8116	2	SCREW, 3/8" - 16NC X 3/4"
10	VM1493	2	WASHER, LOCK - 3/8"
11	TC8490	2	ELBOW
12	VP2700	2	HOSE
13	407984	1	TUBE, FORMED R.H.
14	407985	1	TUBE, FORMED L.H.
15	TF6283	2	ADAPTOR
16	R4288	1	PLUG, PIPE - 1/2"
	C5769	6	PLUG, PIPE - 1/4" (QTY. 2 (3))
17	120694	1	CLAMP
18	DC7524	1	SCREW, CAP - 3/8" - 16NC X 7/8"
19	VM1405	1	WASHER, LOCK - 3/8"
			NOTE: (1) EFFECTIVE WITH 666B-BT. (2) EFFECTIVE WITH 777B-BT. (3) EFFECTIVE WITH MANUAL TILT. (4) EFFECTIVE WITH POWER TILT. (5) QUANTITY OF 3 WITH POWER SHIFT MOLDBOARD AND MANUAL TILT QUANTITY OF 5 WITH POWER SHIFT MOLDBOARD AND POWER TILT.

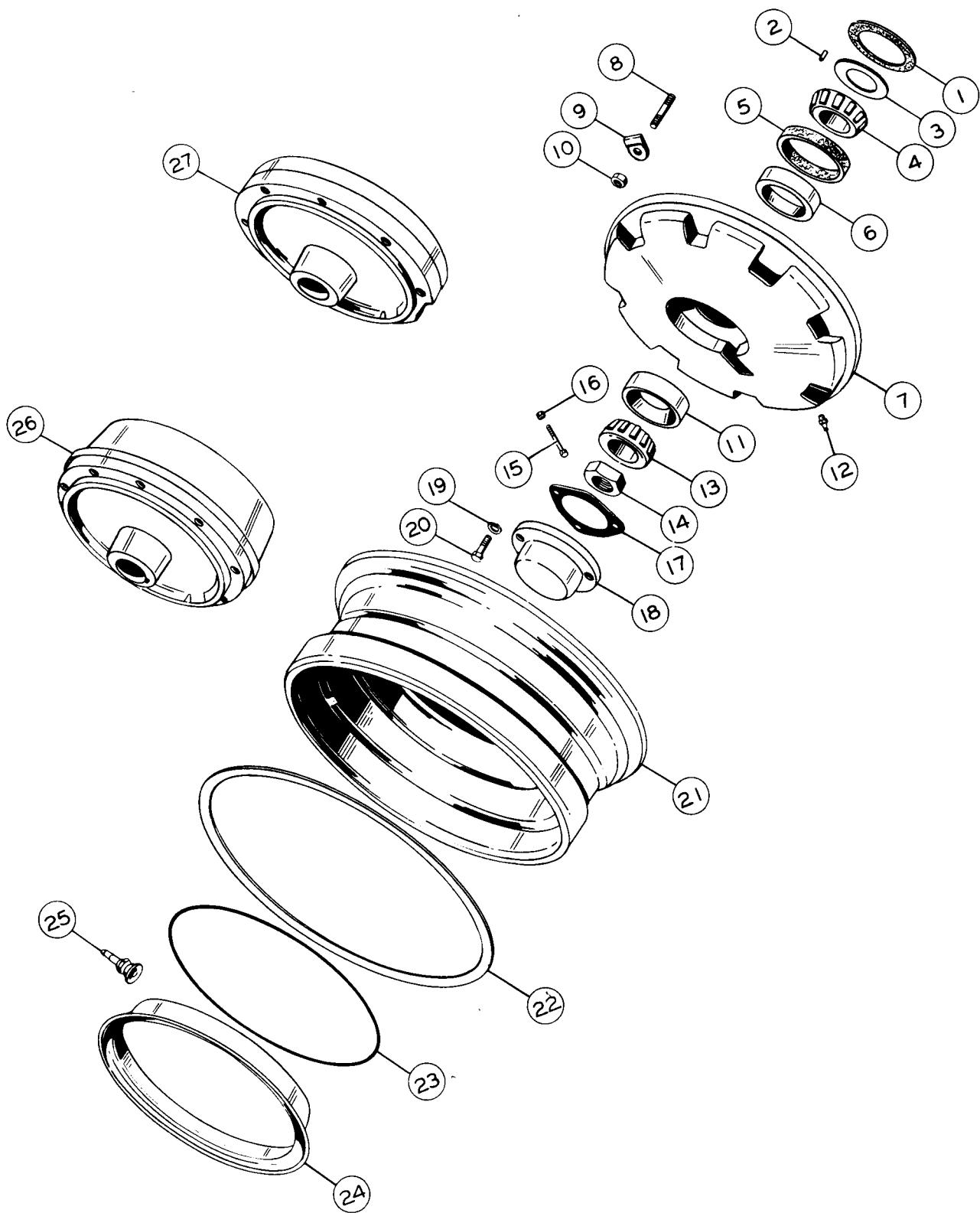


FIG. 2486
FRONT & REAR WHEELS

FIGURE 2486

WHEELS - FRONT & REAR

Ref. No.	Part No.	Qty.	Description
1	428164	2	SEAL, FELT (666B-BT)
	VP1788	2	SEAL, FELT (777B-BT)
2	428163	2	PIN
3	428109	2	SPACER (666B-BT)
	VP1766	2	SPACER (777B-BT)
4	428161	2	CONE, INNER (666B-BT)
	622095	2	CONE, INNER (777B-BT)
5	428293	2	RETAINER, BELT (666B-BT)
	VP1763	2	RETAINER, BELT (777B-BT)
6	428162	2	CUP, INNER (666B-BT)
	S1843	2	CUP, INNER (777B-BT)
7	404302	2	WHEEL, FRONT (666B-BT) (1)/(3)
	409005	2	WHEEL, FRONT (666B) (2)
	VR0060	2	WHEEL, FRONT (777B-BT) (1)/(3)
8	429648	AR	STUD
9	002203	AR	CLAMP
10	4P1462	AR	NUT
11	428160	2	CUP, OUTER (666B-BT)
	R5743	2	CUP, OUTER (777B-BT)
12	C0315	2	FITTING, GREASE
13	422864	2	CONE, OUTER (666B-BT)
	R5746	2	CONE, OUTER (777B-BT)
14	428166	2	NUT, WHEEL (666B-BT)
	VP1765	2	NUT, WHEEL (777B-BT)
15	921481	2	BOLT - 5/16" - 18NC X 2 7/8" (666B-BT)
	H9912	2	BOLT - 5/16" - 18NC X 3 1/2" (777B-BT)
16	720552	2	NUT
17	726724	2	GASKET (666B-BT)
	VP1783	2	GASKET (777B-BT)
18	726557	2	CAP, HUB (666B-BT)
	VP1626	2	CAP, HUB (777B-BT)
19	C1608	6	CAPSCREW - 7/16" - 14NC X 1" (666B-BT)
	C1609	6	CAPSCREW - 7/16" - 14NC X 1 1/2" (777B-BT)
20	VM1406	6	LOCKWASHER - 7/16"
21	728937	6	BASE, RIM (666B-BT) (777BT) (4)
	728954	6	BASE, RIM (777B-BT) (1)/(5)
	407561	6	BASE, RIM (666B/777B) (6)
	VP1585	6	BASE, RIM (3)
22	728935	6	RING, LOCK (666B-BT/777BT) (4)
	728951	6	RING, LOCK (777B-BT) (5)
	VP1568	6	RING, LOCK (3)
23	728936	6	"O" RING (1)
	VP1569	6	"O" RING (3)
24	728934	6	FLANGE (666B-BT/777BT) (4)
	728953	6	FLANGE (777B-BT) (5)
	VP1570	6	FLANGE (3)
25	728938	6	VALVE
26	VP5869	4	WHEEL, REAR WITH BRAKE DRUM 777B AND BT (7)
	VP3945	4	WHEEL, REAR WITH BRAKE DRUM 777B AND BT (8)
27	662729	4	WHEEL, REAR WITH BRAKE DRUM 666B AND BT (1)
	672729	4	WHEEL, REAR WITH BRAKE DRUM 666B AND BT (3)/(6)
			ANO
			NOTE: (1) EFFECTIVE WITH 13:00 X 24, 14:00X24, 16:00X24 TIRES.
			(2) EFFECTIVE WITH 18.4/15 X 26 TIRES.
			(3) EFFECTIVE WITH 17.50 X 25 TIRES.
			(4) EFFECTIVE WITH 13:00X24, 14:00 X 24 TIRES.
			(5) EFFECTIVE WITH 16:00 X 24 TIRES.
			(6) EFFECTIVE WITH 18.4/15 X 26 TIRES.
			(7) EFFECTIVE WITH 777B SERIAL NO. 3883 AND LATER, EXCEPT 3895. 777BT SERIAL NO. 6869 AND LATER EXCEPT 6881.
			(8) EFFECTIVE WITH 777B SERIAL NO. THRU 3882, ALSO 3895. 777BT SERIAL NO. THRU 6868, ALSO 6881.

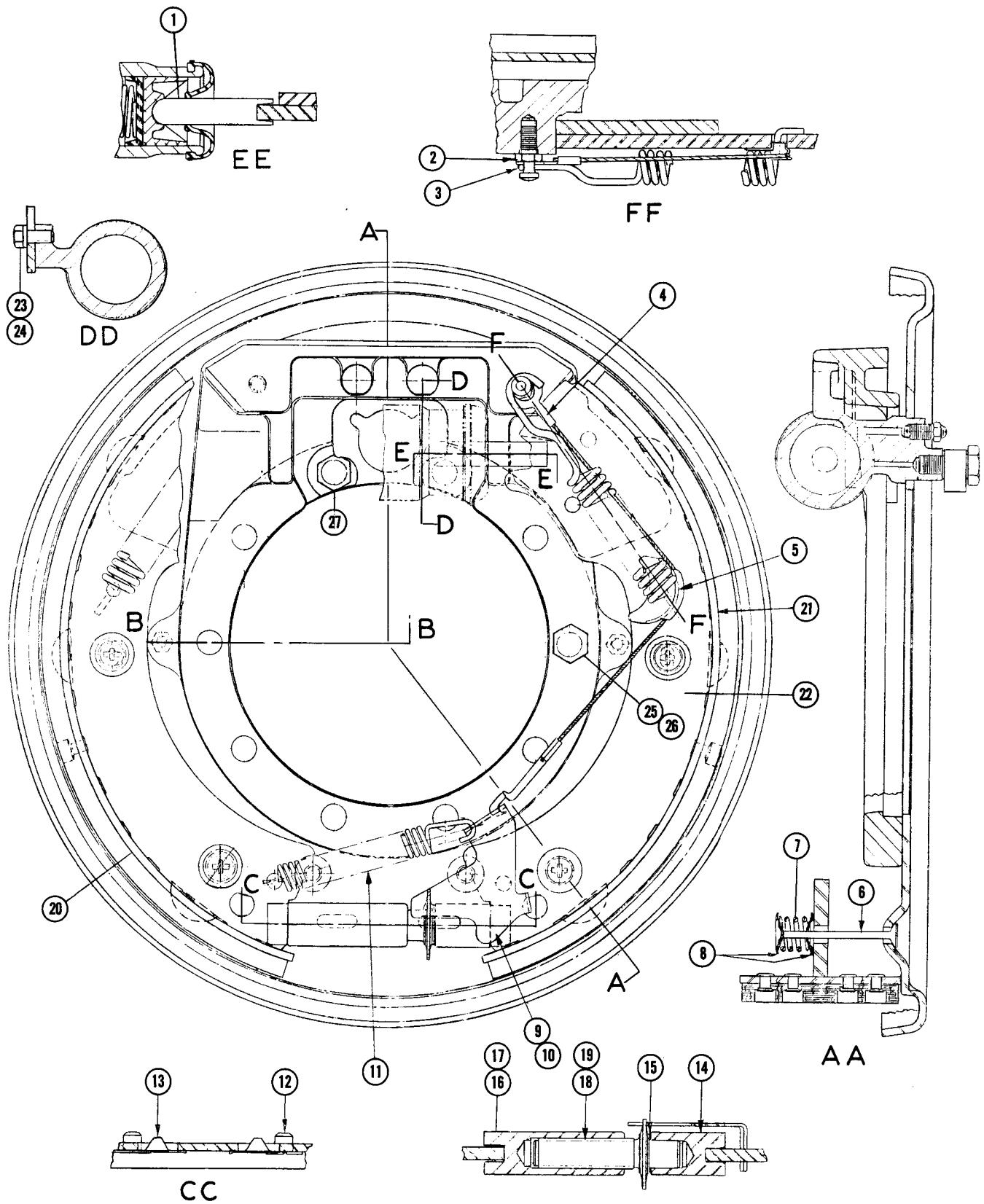


FIG. 4626

BRAKE-WHEEL

FIGURE 4626

B R A K E W H E E L

V P 3 2 5 5 R. H.

V P 3 2 5 4 L. H.

Ref. No.	Part No.	Qty.	Description
1	VP3871	8	CONNECTING LINK
2	VP0186	8	PIN, SHOE RETURN
3	VP0183	8	SPRING, SHOE RETURN (BLACK)
4	VP0178	4	CABLE ASSEMBLY
5	VP0181	4	CABLE GUIDE
6	VP0185	16	PIN, SHOE HOLD DOWN SPRING
7	VP0184	16	SPRING, HOLD DOWN
8	VP0188	32	CUP
9	VP0179	2	L.H. ADJUSTER LEVER
10	VP0180	2	R.H. ADJUSTER LEVER
11	VP0182	4	ADJUSTING SPRING
12	VP0187	8	COVER
14	VP0177	4	SOCKET (ADJUSTING SCREW)
15	VP0176	4	WASHER (ADJUSTING SCREW)
16	VP0175	2	R.H. PIVOT NUT
17	VP0174	2	L.H. PIVOT NUT
18	VP0173	2	R.H. ADJUSTING SCREW
19	VP0172	2	L.H. ADJUSTING SCREW
20	VP0170	4	L.H. SHOE AND LINING
21	VP0171	4	R.H. SHOE AND LINING
22	VP0169	4	BACKING PLATE ASSEMBLY
23	TH7526	2	SCREW CAP
24	CD0296	2	WASHER, LOCK
25	VP6534	8	STUD - 1/2" X 3.19" (1)
26	VM1454	2	WASHER, LOCK
	C1525	8	NUT - 1/2" - 13NC (1)
27	426205	2	SCREW, CAP - SPECIAL (1)
NS	VP5068	AR	LINING & RIVET KIT, BRAKE CONSISTS OF 4 LININGS, AND 64 RIVETS (1)
NOTE: (1) NOT INCLUDED IN BRAKE ASSEMBLY.			
QUANTITIES LISTED FOR 4-WHEEL BRAKES.			

FIG. 4493
FINAL DRIVE

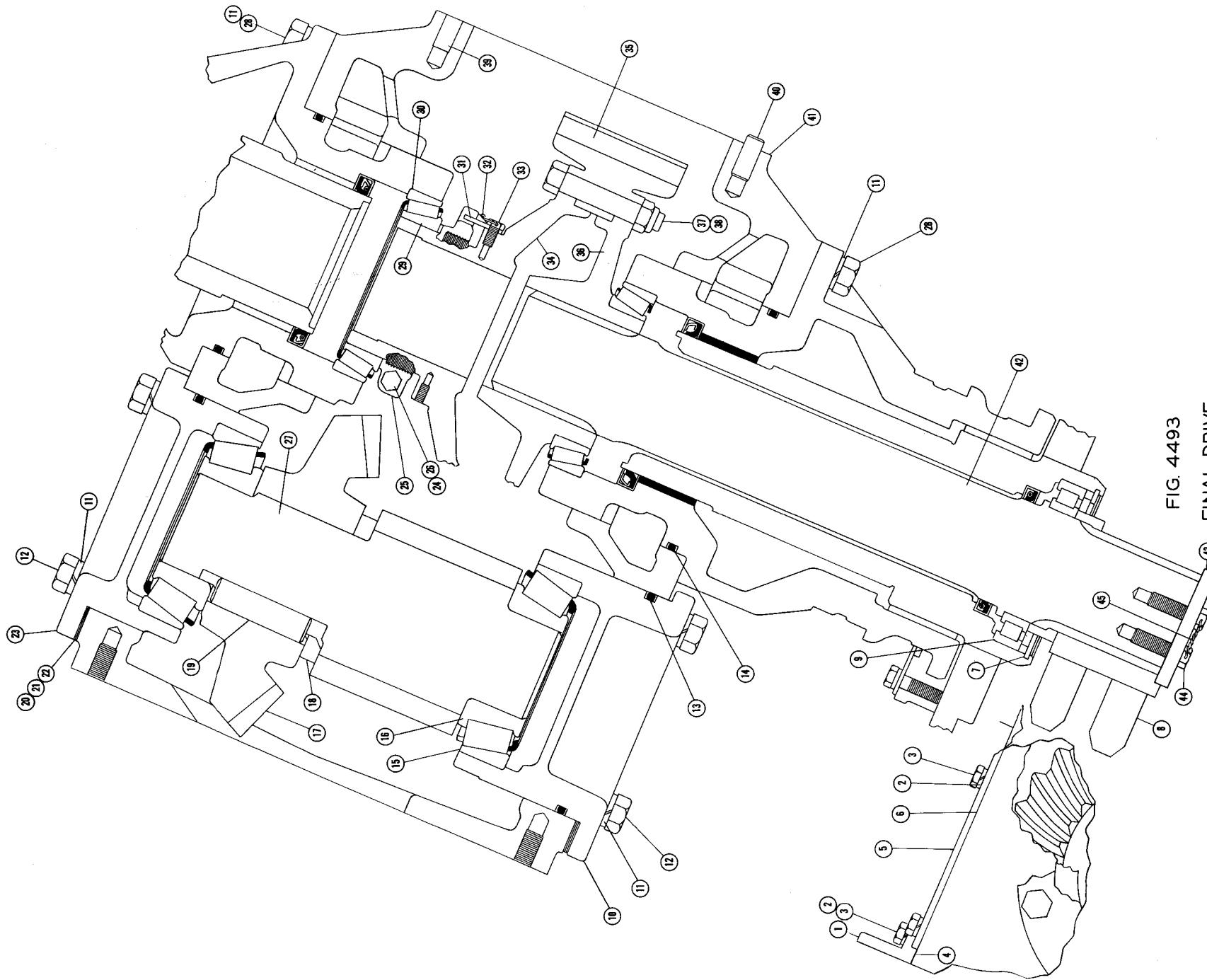


FIGURE 4493

FINAL DRIVE

Ref. No.	Part No.	Qty.	Description
1	662533	1	CAP, CLOSURE
2	920042	14	CAPSCREW - 3/8" - 16NC X 1"
3	923523	14	LOCKWASHER - 3/8"
4	722258	1	GASKET
5	404024	1	PLATE, COVER
6	722175	1	GASKET
7	428487	2	RING, RETAINING
8	404129	2	SPROCKET (1)
	VR2253	2	SPROCKET (2)
9	428488	2	BEARING
10	662520	1	CAGE, BEARING - L.H.
11	920717	22	LOCKWASHER - 3/4"
12	920135	8	CAPSCREW - 3/4" - 10NC X 2"
13	722158	2	"O" RING
14	722157	2	"O" RING
15	722162	2	CUP, BEARING
16	722163	2	CONE, BEARING
17	722164	1	GEAR, SPIRAL
18	722166	1	RING, SETTING
19	722165	1	KEY
20	722159	12	SHIM
21	722160	15	SHIM
22	722161	6	SHIM
23	662519	1	CAGE, BEARING - R.H.
24	722722	1	WIRE
25	662523	1	LOCK, BEARING
26	5P1818	1	CAPSCREW
27	VP 648	1	PINION W/SHAFT (2)
	VP2738	1	PINION W/SHAFT (1)
28	920136	14	CAPSCREW - 3/4" - 10NC X 2 1/2"
29	722173	2	CONE, BEARING
30	722174	2	CUP, BEARING
31	722171	1	LOCK
32	722172	1	WIRE
33	722170	2	CAPSCREW
34	VP4388	1	HUB, BULL GEAR - R.H. (2)
35	VP2117	1	GEAR, BULL (2)
	VP2739	1	GEAR, BULL (1)
36	VP4389	1	HUB, BULL GEAR - L.H. (2)
37	722169	16	CAPSCREW (2)
38	721785	16	LOCKNUT (2)
39	722056	18	STUD
40	472023	2	PIN, DOWEL
41	722178	1	GASKET
42	429973	2	AXLE - 487909
43	428496	2	PLATE, AXLE BOLTING
44	428497	6	CAPSCREW, DRILLED
45	722842	2	WIRE
46	662694	1	HOUSING, FINAL DRIVE

NOTE: (1) EFFECTIVE WITH 666B-666BT.
 (2) EFFECTIVE WITH 777B-777BT.

4P 9177

AXLE CARRIER

FIG. 4454

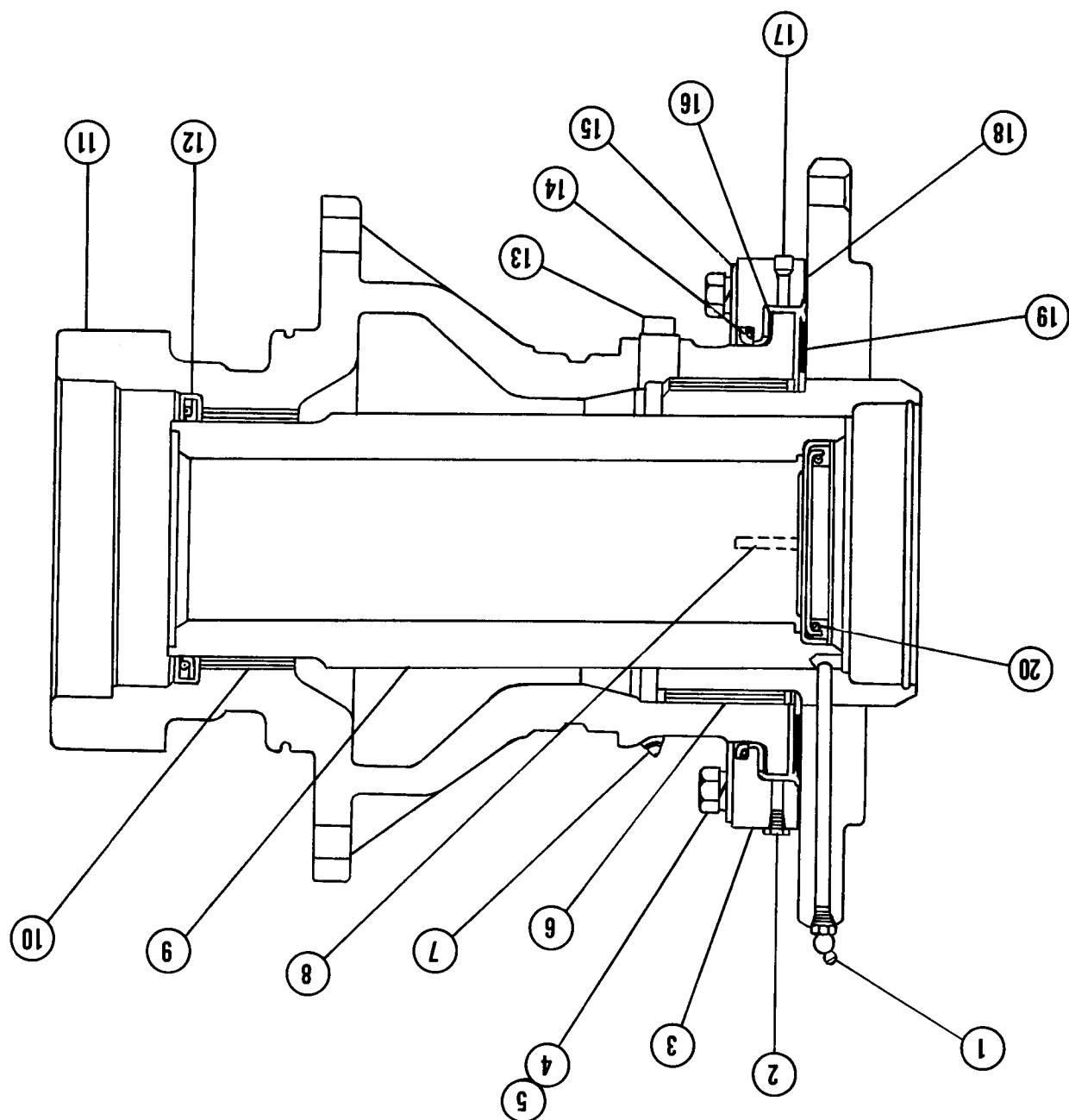


FIGURE 4454

AXLE CARRIER

Ref. No.	Part No.	Qty.	Description
1	622108	2	FITTING, GREASE
2	721918	2	FITTING, RELIEF
3	2269	2	FLANGE, AXLE CARRIER
4	920713	24	WASHER, LOCK - 1/2"
5	920083	24	SCREW, CAP - 1/2" - 13NC X 2 1/2"
6	722176	2	BUSHING
7	622108	2	FITTING, GREASE
8	428529	4	SEAL
9	404023	2	CARRIER, INNER AXLE
10	722177	2	BUSHING
11	662518	2	CARRIER, OUTER AXLE
12	428472	2	SEAL, GREASE
13	923027	2	PLUG, PIPE - 1/8"
14	428490	2	SEAL, GREASE
15	428484	6	SEAL, RETAINING COLLAR
16	428482	2	RING, THRUST
17	429320	2	PLUG, PIPE
18	428486	8	GASKET, RED FIBER
19	428481	2	RING, THRUST
20	428489	2	SEAL, GREASE . 34996 CR

TANDEM S, BOXES, SPROCKETS & CHAINS

FIG. 4412

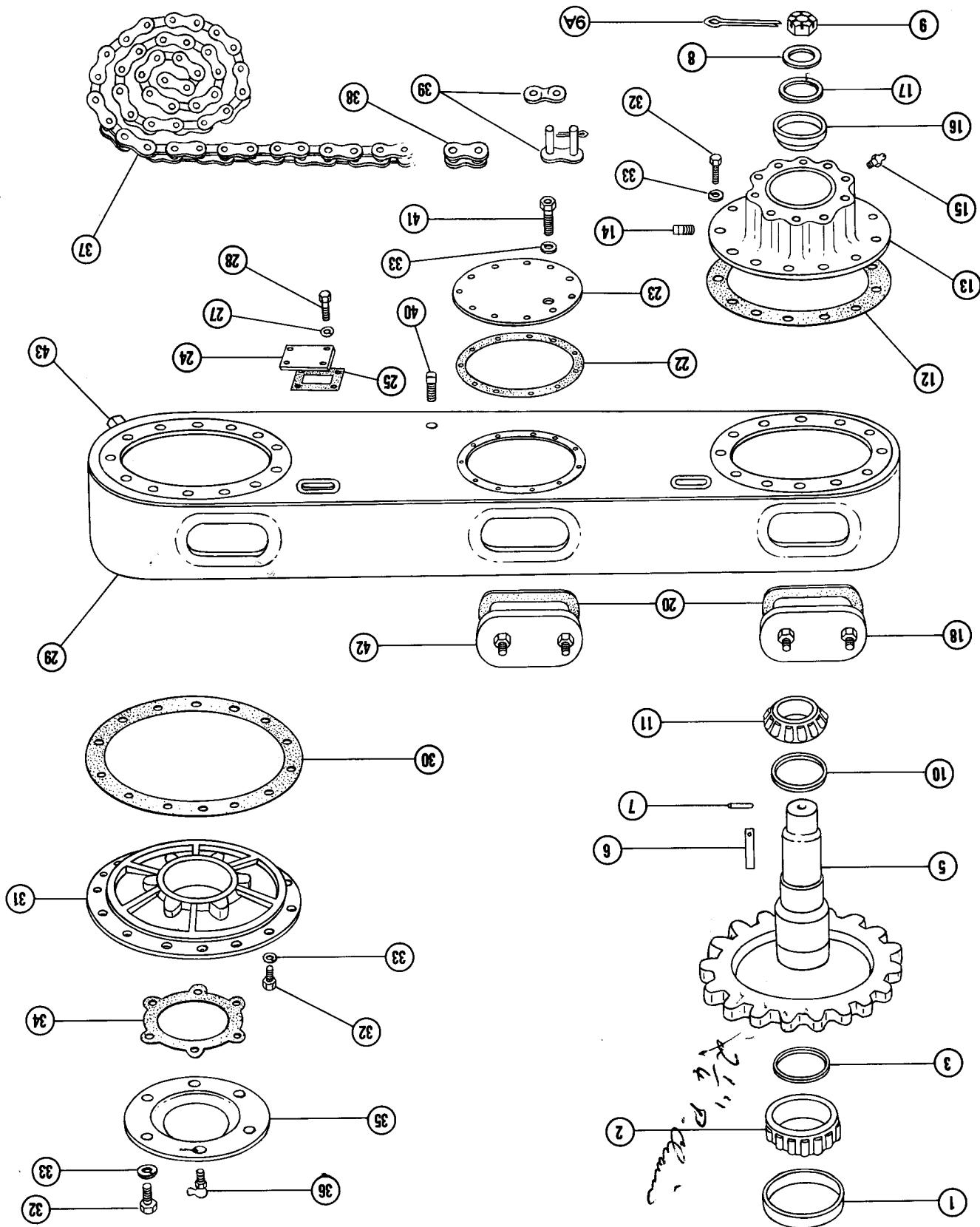


FIGURE 4412

TANDEMS, BOXES, SPROCKETS AND CHAINS

Ref. No.	Part No.	Qty.	Description
1	425073	4	CUP, BEARING
2	425074	4	CONE, BEARING
3	428605	4	SEAL, OIL
5	405711	2	AXLE, FRONT DRIVEN (1)
	VR3315	2	AXLE, FRONT DRIVEN (2)
	405710	2	AXLE, REAR DRIVEN (1)
	VR3316	2	AXLE, REAR DRIVEN (2)
6	428737	4	KEY
7	424530	4	PIN, ROLL
8	5P1259	4	WASHER
9	5P1258	4	NUT
9A	C1557	4	PIN, COTTER - 3/8" X 2 1/2".
10	428604	4	SEAL, OIL
11	428580	4	CONE, OUTER BEARING
12	428578	4	GASKET
13	402957	4	HOUSING, FRONT ECCENTRIC
14	429320	12	PLUG, PIPE
15	4P0567	2	FITTING, GREASE
16	428579	4	CUP, OUTER BEARING
17	422881	4	SEAL, OIL
18	402941	4	COVER, PORT HOLE
20	429783	6	GASKET
22	VP2048	2	GASKET
23	VP2047	2	PLATE
24	122073	8	CAP (1)
	VP4309	8	CAP (2)
25	427262	8	GASKET (1)
	VP4308	8	GASKET (2)
27	VM1405	32	WASHER, LOCK - 3/8" (1)
	VM1454	32	WASHER, LOCK - 1/2" (2)
28	C1612	32	SCREW, CAP - 1/2" - 18NC X 1" (2)
	C1521	32	NUT - 3/8" (1)
29	VR1422	2	HOUSING, TANDEM (1)
	VR0869	2	HOUSING, TANDEM (2)
30	428581	4	GASKET
31	2272	4	HOUSING, INNER ECCENTRIC
32	C1614	96	SCREW, CAP - 1/2" - 13NC X 1 1/2"
33	VM1454	96	WASHER, LOCK - 1/2"
34	428574	20	SHIM (.020)
	428575	12	SHIM (.007)
	428576	12	SHIM (.005)
35	726503	4	CAP, HUB
36	350773	4	FITTING, GREASE
37	725138	4	CHAIN (1)
	VP4323	4	CHAIN (2)
38	424656	AR	LINK, ROLLER (1)
	VS1901	AR	LINK, ROLLER (2)
39	424657	AR	LINK, CONNECTING (1)
	VS1902	AR	LINK, CONNECTING (2)
40	C5771	2	PLUG, PIPE HEX HEAD
41	C1611	24	SCREW, CAP - 1/2" - 16NC X 3/4"
42	404132	2	COVER ASSY
43	R4288	4	PLUG, PIPE - 1/2"NPT

NOTE: (1) EFFECTIVE WITH 666B-666BT.
(2) EFFECTIVE WITH 777B-777BT.

UPPER TRANSMISSION HOUSING, IDLER SHAFT & GEAR

FIG. 2613

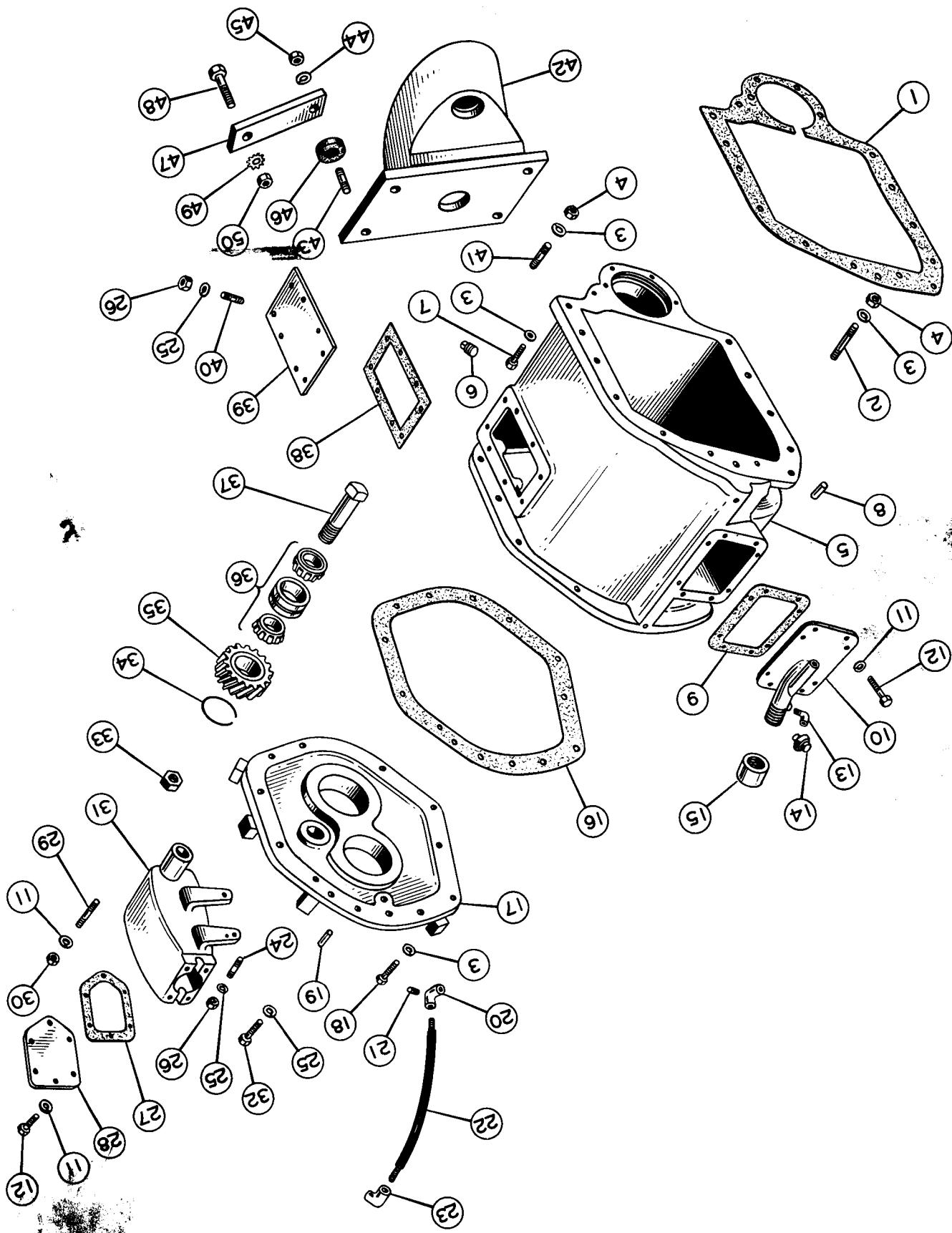


FIGURE 2613

UPPER TRANSMISSION HOUSING, IDLER GEAR & SHAFT

Ref. No.	Part No.	Qty.	Description
1	725239	1	GASKET
2	725202	4	STUD
3	920713	30	WASHER, LOCK - 1/2"
4	921535	9	NUT - 1/2" - 13NF
5	662676	1	CASE, UPPER TRANSMISSION
6	923001	1	PLUG, PIPE - 1/8"
7	920083	2	SCREW, CAP - 1/2" - 13NC X 2 1/2"
	920087	6	SCREW, CAP - 1/2" - 13NC X 3 1/2"
8	725976	1	DOWEL
9	725212	1	GASKET
10	405560	1	PIPE, FILLER (Also Order 1 1/4" Pipe Cap)
11	CD0296	14	WASHER, LOCK - 5/16"
12	E4538	12	SCREW, CAP - 5/16" - 18NC X 7/8"
13	424011	1	ELBOW, STREET (3)
14	427578	1	BREATHER
15	424226	1	CAP, PIPE (1 1/4" Dia.)
16	725233	1	GASKET
17	662677	1	COVER, UPPER TRANSMISSION CASE
18	920081	13	SCREW, CAP - 1/2" - 13NC X 2"
19	472023	2	PIN, DOWEL
20	726899	1	ELBOW, FEMALE
21	5P0810	1	NIPPLE, PIPE
22	726900	1	TUBE, FORMED
23	726539	1	ELBOW
24	524248	1	STUD
25	VM1405	11	WASHER, LOCK - 3/8"
26	C1521	9	NUT - 3/8" - 16NC
27	725263	1	GASKET
28	725274	1	PLATE, SHIFTER HOUSING COVER
29	725957	2	STUD
30	C9656	2	NUT - 5/16" - 18NF
31	662681	1	HOUSING, SHIFTER LEVER
32	C1602	2	SCREW, CAP - 3/8" - 16NC X 1"
33	722088	1	NUT, LOCK
34	720096	1	RING, SNAP
35	725232	1	GEAR
36	722048	1	BEARING
37	725185	1	SHAFT
38	722194	1	GASKET
39	722405	1	PLATE, COVER
40	722086	8	STUD
41	722056	5	STUD
42	662506	1	BRACKET, TRANSMISSION SUPPORT (2)
43	722087	4	STUD (2)
44	920715	4	WASHER, LOCK - 5/8"
45	921551	4	NUT - 5/8" - 18NF
46	722228	2	BISCUIT, SUPPORT (1)
47	722227	1	BAR, CLAMP (1)
48	722229	2	BOLT, HEAT TREATED
49	R4386	2	WASHER, LOCK - 1"
50	C1532	2	NUT - 1" - 14NF
			NOT SHOWN
	407945	1	PACKAGE, GASKET AND SEAL
			NOTE: (1)EFFECTIVE WITH 666BT - 777BT. (2)EFFECTIVE WITH 666BT. (3)EFFECTIVE WITH 777BT.

UPPER TRANSMISSION HOUSING & GEARS

FIG. 3624

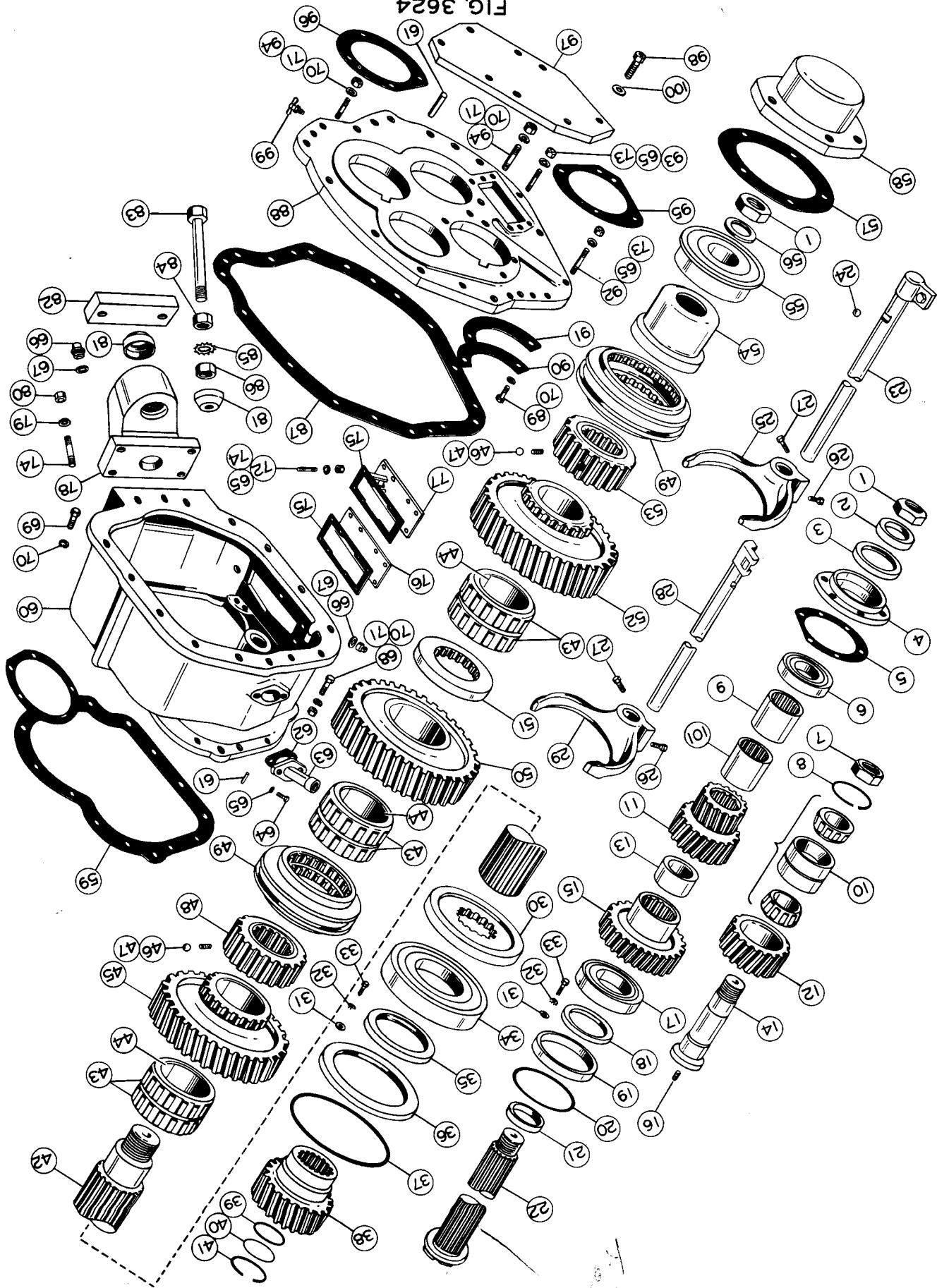


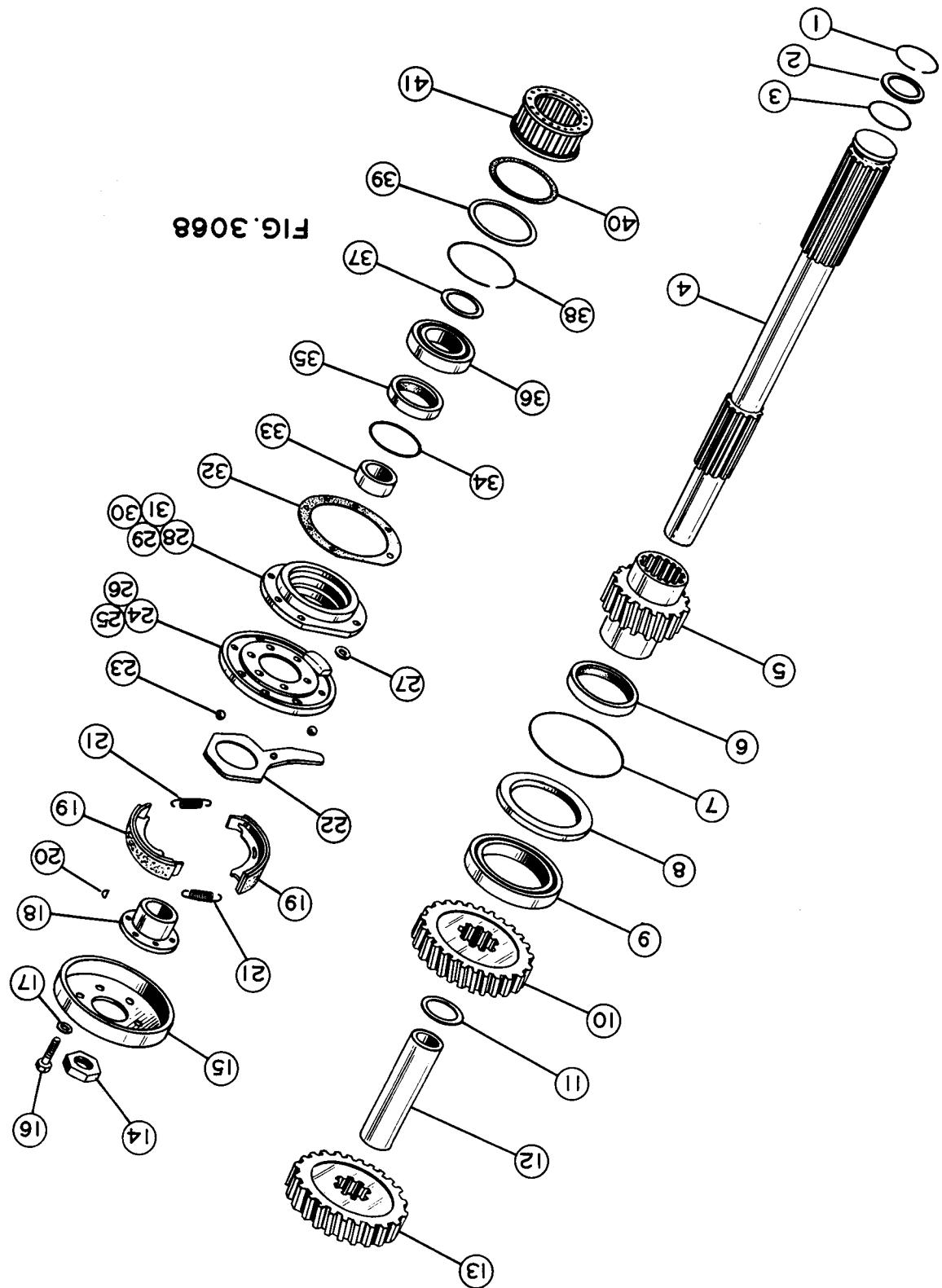
FIGURE 3624 U P P E R T R A N S . H O U S I N G A N D G E A R S

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	722073	2	NUT, LOCK	53	722273	1	GEAR, SHIFTER
2	722092	1	SPACER	54	662510	1	SPACER (Not Used When Grader is Equipped With Creeper Gears)
3	722276	1	SEAL, OIL	55	722045	1	BEARING
4	662521	1	RETAINER, SEAL	56	722053	1	WASHER
5	722408	2	GASKET	57	722072	1	GASKET
6	722044	1	BEARING	58	662507	1	CAP, BEARING
7	722088	1	NUT, LOCK	59	722113	1	GASKET
8	720096	1	RING, SNAP	60	662509	1	CASE, UPPER TRANSMISSION
9	722074	1	SPACER	61	472023	3	PIN, DOWEL
10	722048	1	BEARING	62	720600	1	GASKET
11	722076	1	GEAR	63	404101	1	NECK, FILLER
12	722090	1	GEAR	64	424226	1	CAP, PIPE
13	722077	1	SPACER	65	920044	2	SCREW, CAP - 3/8"-16NC X 1 1/4"
14	722089	1	SHAFT	66	923523	18	WASHER, LOCK - 3/8"
15	722078	1	GEAR	67	923007	1	PLUG, PIPE - 1"NPT
16	429320	1	PLUG, PIPE	68	920087	5	SCREW, CAP - 1/2"-13NC X 3 1/2"
17	722043	1	BEARING	69	920090	1	SCREW, CAP - 1/2"-13NC X 4 1/2"
18	724088	1	SEAL, OIL	70	920713	50	WASHER, LOCK - 1/2"
19	722080	1	SEAL, RETAINER	71	921534	13	NUT, HEX - 1/2" - 13NC
20	722079	1	"O" RING	72	722086	16	STUD
21	722081	1	COLLAR, OIL SEAL	73	921519	16	NUT - 3/8" - 24NF
22	722075	1	SHAFT	74	722087	4	STUD
23	722487	1	RAIL	75	722194	2	GASKET
24	720530	1	BALL	76	722405	1	PLATE, COVER
25	722381	1	FORK, UPPER FRT. SHIFTER	77	404074	1	PLATE, COVER
26	722455	2	SCREW, CAP, DRILLED	78	662506	1	BRACKET, TRANSMISSION
27	722403	2	SETSCREW	79	920791	4	WASHER, LOCK - 5/8"
28	404111	1	RAIL, UPPER SHIFTER	80	921551	4	NUT - 5/8" - 18NC
29	722380	1	FORK, UPPER RAIL SHIFTER	81	722228	2	BISCUIT, SUPPORT
30	722059	1	SPACER	82	722227	1	BAR
31	722091	2	WASHER	83	722229	2	BOLT
32	923313	2	WASHER, SHAKEPROOF EXTERNAL TOOTH - 3/8"	84	C1532	2	NUT, HEX - 1" - 14NF
33	920042	2	SCREW, CAP - 3/8" - 16NC X 1"	85	R4386	2	WASHER, LOCK, SHAKEPROOF - 1" EXTERNAL TOOTH
34	722046	1	BEARING	86	H0989	2	NUT, HEX JAM - 1" - 14NF
35	722051	1	SEAL, OIL	87	722052	1	GASKET
36	722061	1	RETAINER, SEAL	88	662508	1	COVER, UPPER TRANS. CASE
37	722108	1	RING, OIL	89	920081	13	SCREW, CAP - 1/2"-13NC X 2"
38	723834	1	GEAR	90	722070	1	BAFFLE
39	722277	1	"O" RING	91	722064	1	GASKET
40	723854	1	RETAINER, "O" RING	92	722225	5	STUD
41	722063	1	RING, SNAP	93	722055	4	STUD
42	723835	1	SHAFT	94	722056	12	STUD
43	722956	6	ROLLER	95	722085	1	GASKET *
44	722955	3	RACE, INNER	96	722093	1	GASKET *
45	722065	1	GEAR	97	723283	1	PLATE *
46	722096	4	POPPET	98	920517	2	SCREW, CAP, HEX SOCKET HEAD - 1/2" - 13NC X 1 1/2"
47	722156	4	SPRING	99	429746	1	COCK, DRAIN
48	722066	1	GEAR, SHIFTER	100	723987	2	WASHER, COPPER
49	722069	2	COLLAR, SHIFTER	101	VP0008	1	SPACER
50	722067	1	GEAR				
51	722082	1	SPACER				
52	722068	1	GEAR				

NOTE: *THESE PARTS ARE NOT USED WHEN GRADER IS
EQUIPPED WITH CREEPER GEARS.

UPPER TRANSMISSION LOWER SHAFT AND GEARS

FIG. 3068



(666BT & 777BT)

Ref.	No.	Part No.	Qty.	Description
1	22063	723854	1	RING, SNAP RETAINER, "O" RING
2	22277	725237	1	"O" RING SHAFT
3	22051	723834	1	GEAR SEAL, OIL (Model 777BT)
4	22051	722277	1	"O" RING (Model 777BT)
5	22061	722061	1	RETAINER, SEAL (Model 777BT)
6	22051	722108	1	SEAL, OIL (Model 777BT)
7	22051	722061	1	RETAINER, SEAL (Model 777BT)
8	22046	722046	1	BEARING
9	22046	722046	1	NUT, LOCK
10	22031	725231	1	GEAR SPACER
11	22031	725159	1	GEAR TUBE
12	22031	725161	1	SPACER GEAR
13	22073	725229	1	DRUM, BRAKE TUBE
14	22073	725229	1	DRUM, BRAKE GEAR
15	22070	725861	1	MASHER, LOCK - 5/16"
16	20020	920020	6	SCREW, CAP - 5/16" - 18NC X 5/8"
17	20710	920710	6	MASHER, LOCK - 5/16"
18	25158	725858	1	HUB SHOE (With Lining)
19	25158	725858	2	SHOE (With Lining)
20	50671	50671	1	KEY, WOODRUFF
21	50671	725862	2	SPRING, RETURN
22	25971	725971	1	LEVER, BRAKE
23	25863	725863	2	ROLLER PLATE, BACKING
24	25904	725904	1	WASHER, COPPER
25	20020	920020	6	SCREW, CAP - 5/16" - 18NC X 5/8"
26	20710	920710	6	MASHER, LOCK - 5/16"
27	23987	723987	1	SCREW, CAP - 5/16"
28	2674	662674	1	RETAINER, SEAL
29	20517	920517	5	SCREW, CAP - 1/2" - 13NC X 1 1/2"
30	20517	920013	1	SCREW, CAP - 1/2" - 13NC X 1 1/4"
31	20517	920517	1	SCREW, CAP - 1/2" - 13NC X 1 1/2"
32	1038	121038	1	GASKET WASHER, LOCK - 1/2"
33	156	725156	1	SPACER "O" RING
34	184	725184	1	SPACER "O" RING
35	157	725157	1	SEAL, OIL BEARING
36	160	725045	1	SPACER BEARING
37	160	725160	1	SPACER WASHER (Model 777B)
38	140	723840	1	RING, RETAINING (Model 777B)
39	141	723839	1	WASHER (Model 777B)
40	141	723841	2	GASKET (Model 777B)
41	141	723838	1	BEARING (Model 777B)

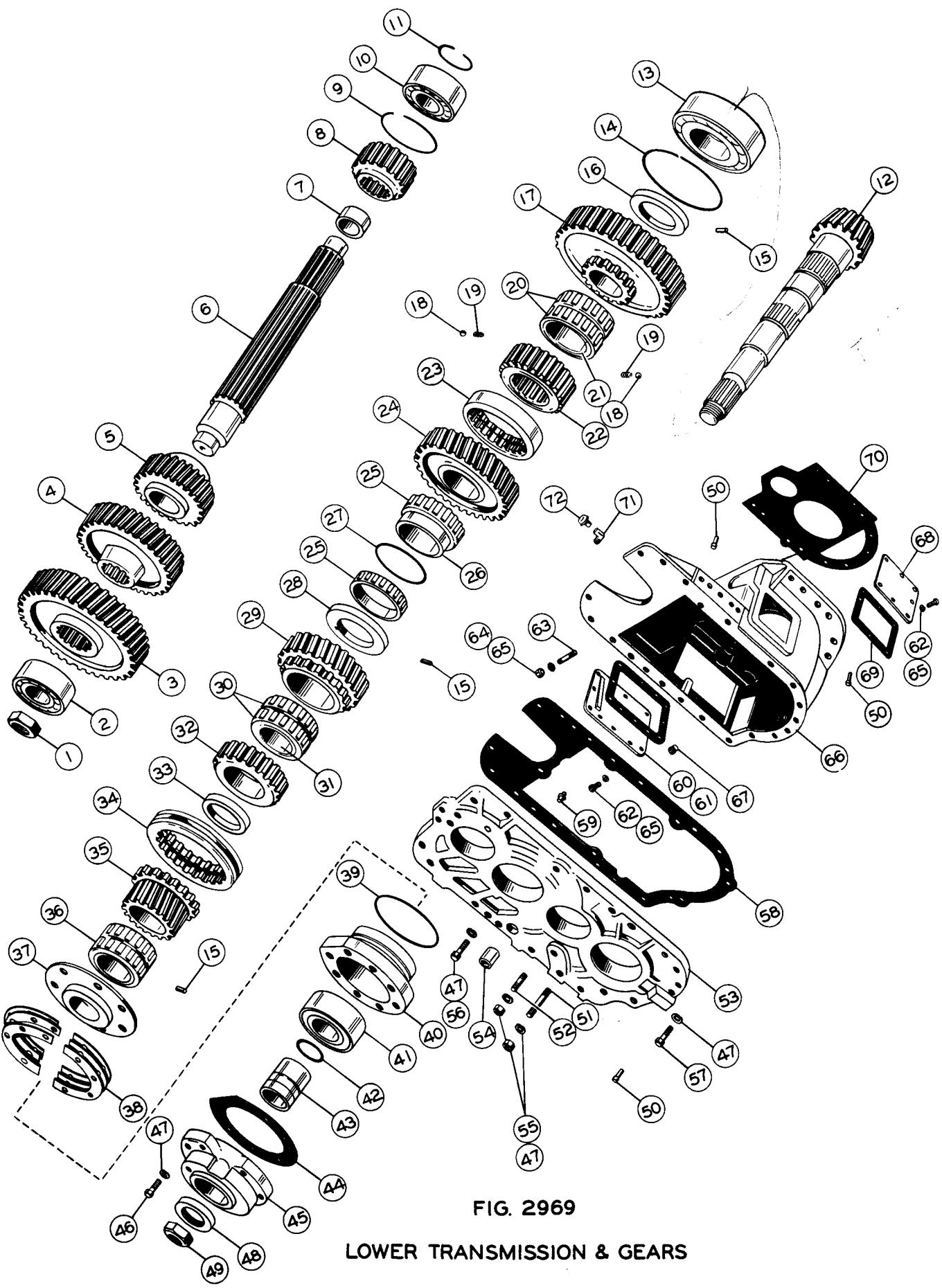


FIG. 2969

LOWER TRANSMISSION & GEARS

F I G U R E 2 9 6 9 L O W E R T R A N S . H O U S I N G A N D G E A R S

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	
1	722073	1	NUT, LOCK	39	722964	6	SHIM (.003")	
2	722097	1	BEARING	39	722108	1	"O" RING	
3	722129	1	GEAR	40	662514	1	CAKE, BEARING	
4	722130	1	GEAR	41	722099	1	BEARING	
5	722131	1	SHAFT	42	429858	1	"O" RING	
6	722128	1	SPACER	43	722110	1	SPACER	
7	722132	1	GEAR	44	722112	1	GASKET	
8	722133	1	ADAPTER, BACKING PLATE	45	662515	1	ADAPTER, BACKING PLATE	
9	722098	1	RING, SNAP	46	920078	2	SCREW, CAP - 1/2"-20NCX1 1/2"NC	
10	722134	1	BEARING	47	920713	2	WASHER, LOCK - 1/2"	
11	722134	1	RING, SNAP	48	722106	1	SEAL, OIL	
12	722107	1	SHAFT (With Pinion)	49	722115	1	NUT, LOCK	
13	722100	1	BEARING	50	472023	3	PIN, DOWEL	
14	722126	1	RING, SNAP	51	722114	6	STUD	
15	722127	3	PIN	52	722086	6	STUD	
16	722125	1	SPACER	53	662513	1	PLATE, INTERMEDIATE (1)	
17	722124	1	GEAR	54	672513	1	PLATE, INTERMEDIATE (2)	
18	722096	2	POPPET	55	429792	1	BUSHING	
19	722156	2	SPRING, POPPET	56	57	920083	4	SCREW, CAP - 1/2"-13NC X 2"
20	722950	2	ROLLELR	57	56	921535	17	NUT - 1/2" - 13NC
21	722949	1	GEAR, INNER	58	58	722244	1	GASKET
22	722122	1	GEAR, SHIFTER	59	59	722105	1	PIN, DOWEL
23	722123	1	COLLAR, SHIFTER	60	60	722154	1	PLATE, COVER
24	722121	1	GEAR	61	61	722153	1	GASKET
25	722952	2	ROLLELR	62	62	920042	18	SCREW, CAP - 3/8"-16NC X 1"
26	722139	1	SPACER	63	63	722086	1	STUD
27	722119	1	GEAR	64	64	923523	19	WASHER, LOCK - 3/8"
28	722120	1	SPACER	65	65	923523	19	NUT - 3/8" - 24NF
29	722119	1	GEAR	66	66	662512	1	CASE, LOWER
30	722948	2	ROLLELR	67	67	923005	1	PLUG, PIPE - 1/2"
31	722117	1	RACE, INNER	68	68	722154	1	PLATE, COVER
32	722947	1	GEAR, SHIFTER	69	69	722153	1	GASKET
33	722118	1	GEAR, PIPE	70	70	424011	1	ELBOW (3)
34	726432	1	COLLAR, SHIFTER	71	71	722136	1	GASKET
35	726586	1	GEAR	72	72	427578	1	BREATHER (2 & 3)
36	722963	1	FLARING, OIL	73	73	923002	1	PLUG, PIPE - 1/4"
37	404035	1	FLINGER, OIL	74	74	424011	1	ELBOW (3)
38	722962	6	SHIM (.0075")	75	75	427578	1	BREATHER (2 & 3)

NOTE: (1) EFFECTIVE WITH 666B-77B.
 (2) EFFECTIVE WITH 666B.
 (3) EFFECTIVE WITH 777B.

SHIFT MECHANISM-TRANSMISSION

FIG. 4416

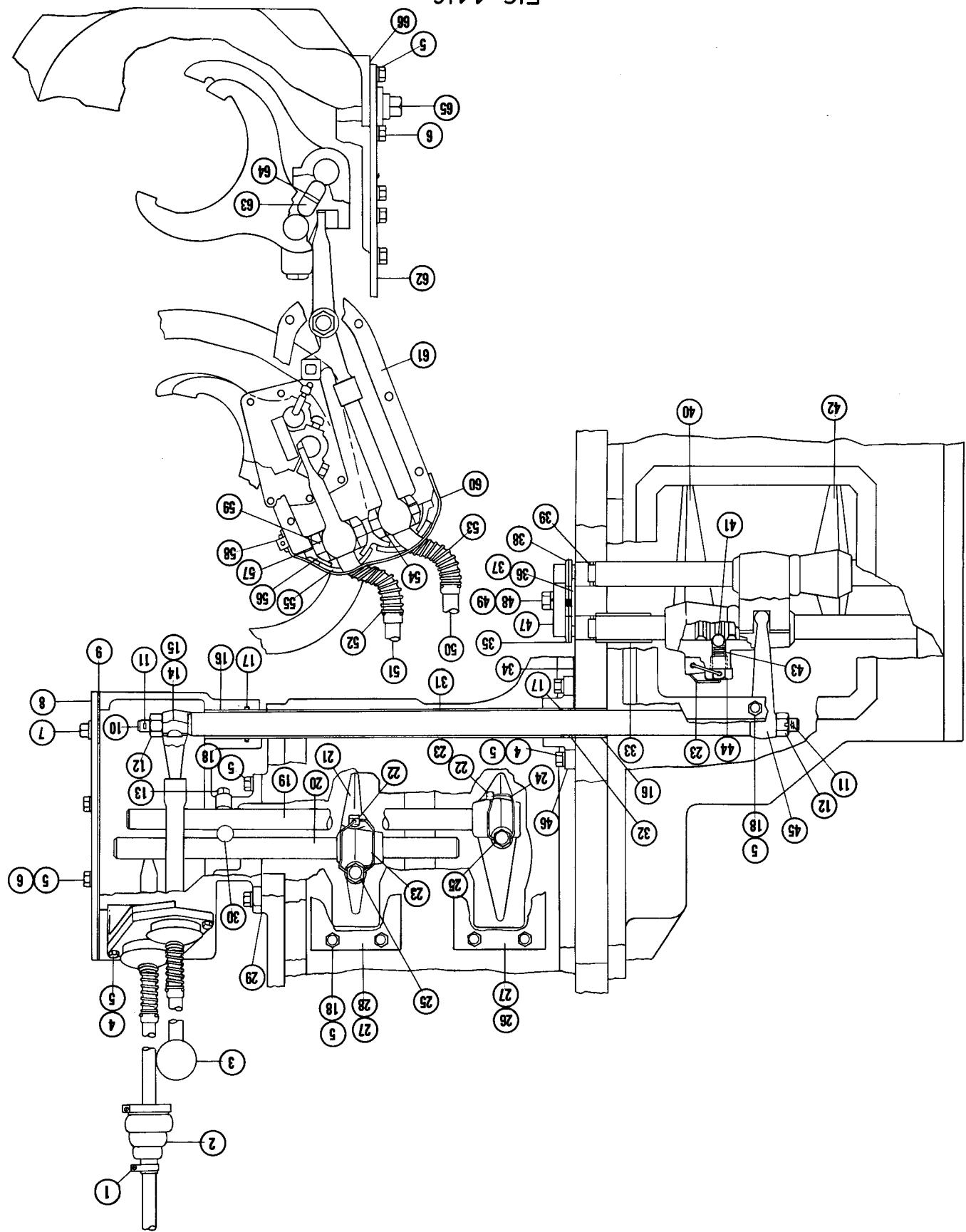


FIGURE 4416 SHIFT MECHANISM - TRANSMISSION

Ref. No.	Part No.	Qty.	Description
1	724231	4	CLAMP, BOOT
2	722604	2	BOOT
3	720517	2	BALL, SHIFTER LEVER
4	C 1603	6	CAPSCREW - 3/8"NC x 1 1/4"
5	VM 1405	45	LOCK WASHER - 3/8"
6	C 1602	18	CAPSCREW - 3/8"-16NC x 1"
7	C 5771	1	PIPE PLUG
8	722534	1	PLATE, SHIFTER HOUSING COVER
9	722410	1	GASKET
10	722486	1	SHAFT, ROCKER
11	VN 2884	2	COTTER PIN - 1/8"x 1 1/4"
12	721785	2	LOCK NUT
13	R 2028	1	PIPE PLUG
14	424629	2	KEY, WOODRUFF
15	722412	1	LEVER, FRONT ROCKER
16	429792	2	BUSHING
17	722423	2	O'RING
18	C 1522	21	NUT - 3/8" -24NF
19	404111	1	RAIL, UPPER SHIFTER
20	722487	1	RAIL, SHORT
21	722381	1	FORK, UPPER FRONT
22	722403	2	SET SCREW
23	722722	3	WIRE
24	722380	1	FORK, UPPER REAR SHIFTER
25	722455	2	CAPSCREW, DRILLED HEAD
26	722405	1	PLATE, COVER
27	722194	2	GASKET
28	404074	1	PLATE, COVER
29	722401	1	GASKET
30	720530	1	BALL, INTERLOCKING
31	722476	1	TUBE, ROCKER SHAFT
32	720987	1	O'RING
33	722456	1	STOP, FRONT FORK
34	722404	1	GASKET
35	722491	1	RAIL, UPPER SHIFTER
36	722452	4	SHIM
37	722457	1	PLATE, RAIL LOCK
38	722490	1	RAIL, LOWER SHIFTER
39	721797	2	O'RING
40	404110	1	FRONT FORK
41	722187	1	BALL, POPPET
42	404100	1	BACK FORK
43	723061	1	SPRING, POPPET
44	722458	1	CAPSCREW, POPPET
45	722377	1	LEVER, REAR ROCKER
46	662532	1	END, ROCKER SHAFT
47	722471	1	CLAMP, SHIFTER RAIL
48	C 1616	1	CAPSCREW - 1/2"-13NC x 2"
49	VM 1454	1	LOCKWASHER - 1/2"
50	VP 4467	1	LEVER, LOWER SHIFTER
51	VP 4465	1	LEVER, UPPER SHIFTER
52	722453	2	SNAP RING
53	722478	2	SPRING, LEVER CAP
54	722413	2	LEVER, UNIVERSAL BALL
55	722460	2	LEVER, SEAL CAP
56	662544	1	CAP, BALL
57	722406	4	SHIM
58	726885	1	STRAP
59	722557	2	PIN, UNIVERSAL BALL
60	724159	1	COVER, RUBBER
61	662549	1	HOUSING, SHIFTER LEVER
62	404142	1	PLATE, COVER
63	722461	2	PIN, INTERFERENCE
64	722473	1	BISCUIT, INTERFERENCE
65	C 5772	1	PIPE PLUG
66	722402	1	GASKET

(666B-777B)

SHIFT MECHANISM-TRANSMISSION

FIG. 3802

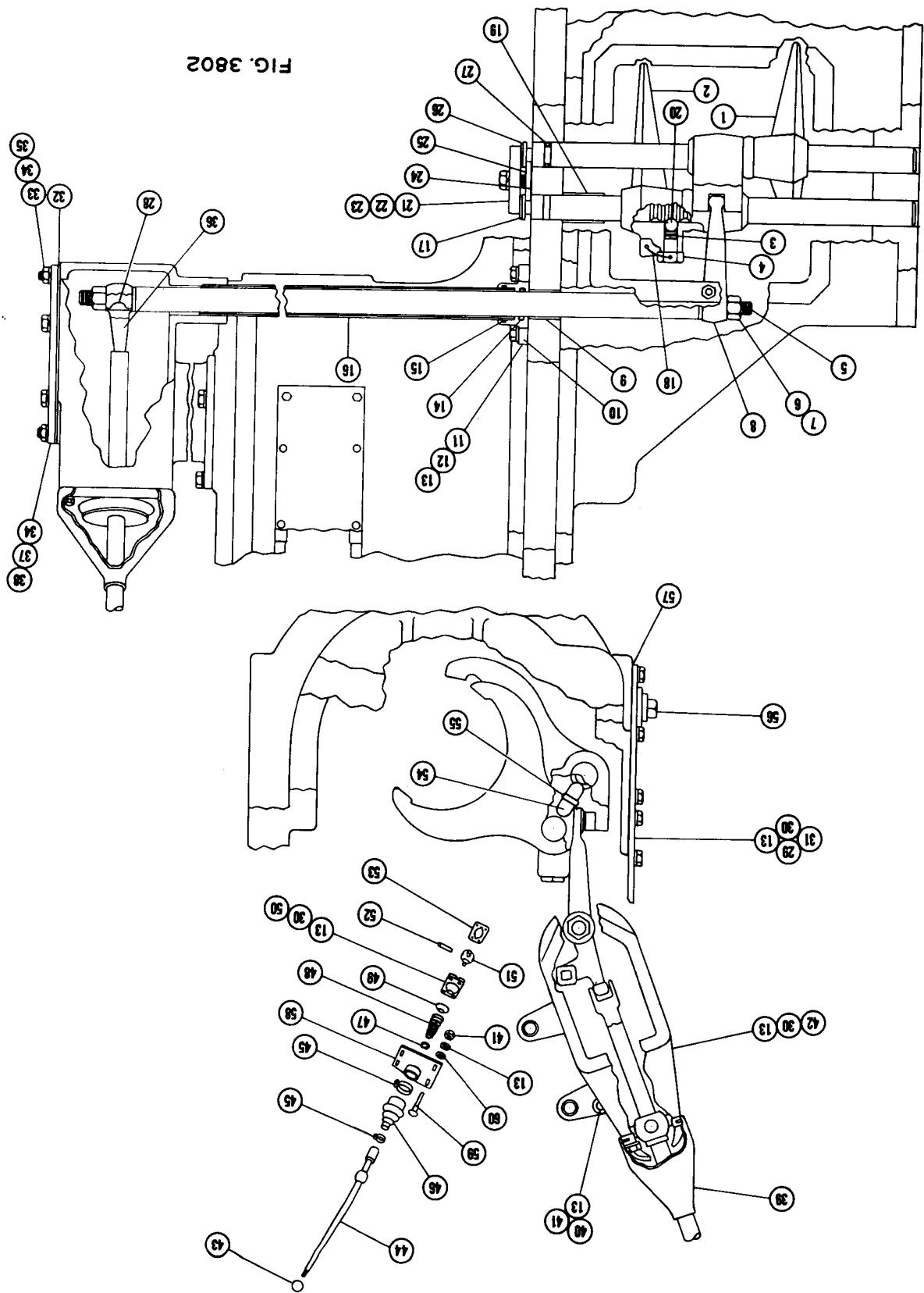


FIGURE 3802 SHIFT MECHANISM - TRANSMISSION

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	404100	1	FORK, BACK SHIFTER	33	725957	2	STUD
2	404110	1	FORK, FRONT SHIFTER	34	CD 296	2	WASHER, LOCK - 5/16"
3	723061	1	SPRING, POPPET	35	C 9656	2	NUT - 5/16" - 24NF
4	722458	1	SCREW, POPPET CAP	36	722412	1	LEVER, FRONT ROCKER
5	722486	1	SHAFT, ROCKER	37	725274	1	COVER, SHIFT HOUSING
6	721785	2	NUT, LOCK	38	E 4538	4	SCREW, CAP-5/16"-18NC X 7/8"
7	VN2884	2	PIN, COTTER	39	726302	1	CAP, RAIN
8	722377	1	LEVER, REAR ROCKER	40	524248	1	STUD
9	429792	2	BUSHING	41	C 1521	6	NUT - 3/8" - 16NC
10	722404	1	GASKET	42	662681	1	HOUSING, SHIFTER LEVER
11	662532	1	END, ROCKER SHAFT	43	720517	1	BALL, LEVER
12	C 1603	2	SCREW, CAP -3/8"-16NC X 1 1/4"	44	VP4466	1	LEVER, SHIFTER
13	VM1405	18	WASHER, LOCK - 3/8"	45	724231	2	CLAMP
14	720987	1	"O" RING	46	722604	1	BOOT, SHIFTER
15	722423	2	"O" RING	47	722453	1	RING, LOCK
16	722476	1	TUBE, ROCKER SHAFT	48	722478	1	SPRING, LEVER CAP
17	722491	1	RAIL, UPPER SHIFTER	49	725528	1	CAP, SEAL
18	722722	1	WIRE	50	662690	1	CAP, BALL
19	722456	1	STOP, FRONT SHIFTER	51	722413	1	BALL, UNIVERSAL
20	722187	1	BALL, POPPET	52	722557	1	PIN
21	722471	1	BAR, SHIFTER RAIL CLAMP	53	725524		SHIM
22	C 1616	1	SCREW, CAP -13NC X 2"	54	722461	2	PIN, INTERFERENCE
23	VM1454	1	WASHER, LOCK - 1/2"	55	722473	1	BISCUIT, INTERFERENCE
24	722452	4	SHIM, SHIFTER RAIL	56	C 5772	1	PLUG, PIPE - 1"NPT
25	722457	1	PLATE, SHIFTER RAIL LOCK	57	722402	1	GASKET
26	722490	1	RAIL, LOWER SHIFTER	58	405414	1	COVER
27	721797	2	"O" RING	59	VM1423	3	BOLT, CARRIAGE - 3/8" - 16NC X 1 1/4"
28	424629	2	KEY, WOODRUFF		VM1424	2	BOLT, CARRIAGE -3/8" - 16NC X 1 1/2"
29	404142	1	PLATE, COVER (2)				
	406542	1	PLATE, COVER (1)				
30	C 1602	10	SCREW, CAP - 3/8" - 16NC X 1"	60	C 1547	5	WASHER, FLAT - 3/8"
31	C 1522	1	NUT - 3/8" - 24NF				
32	725263	1	GASKET, SHIFTER HOUSING				

NOTE: (1) EFFECTIVE WITH 666BT.
 (2) EFFECTIVE WITH 777BT.

(666BT-777BT)

HYDRAULIC CLUTCH & SHAFT

FIG. 2668

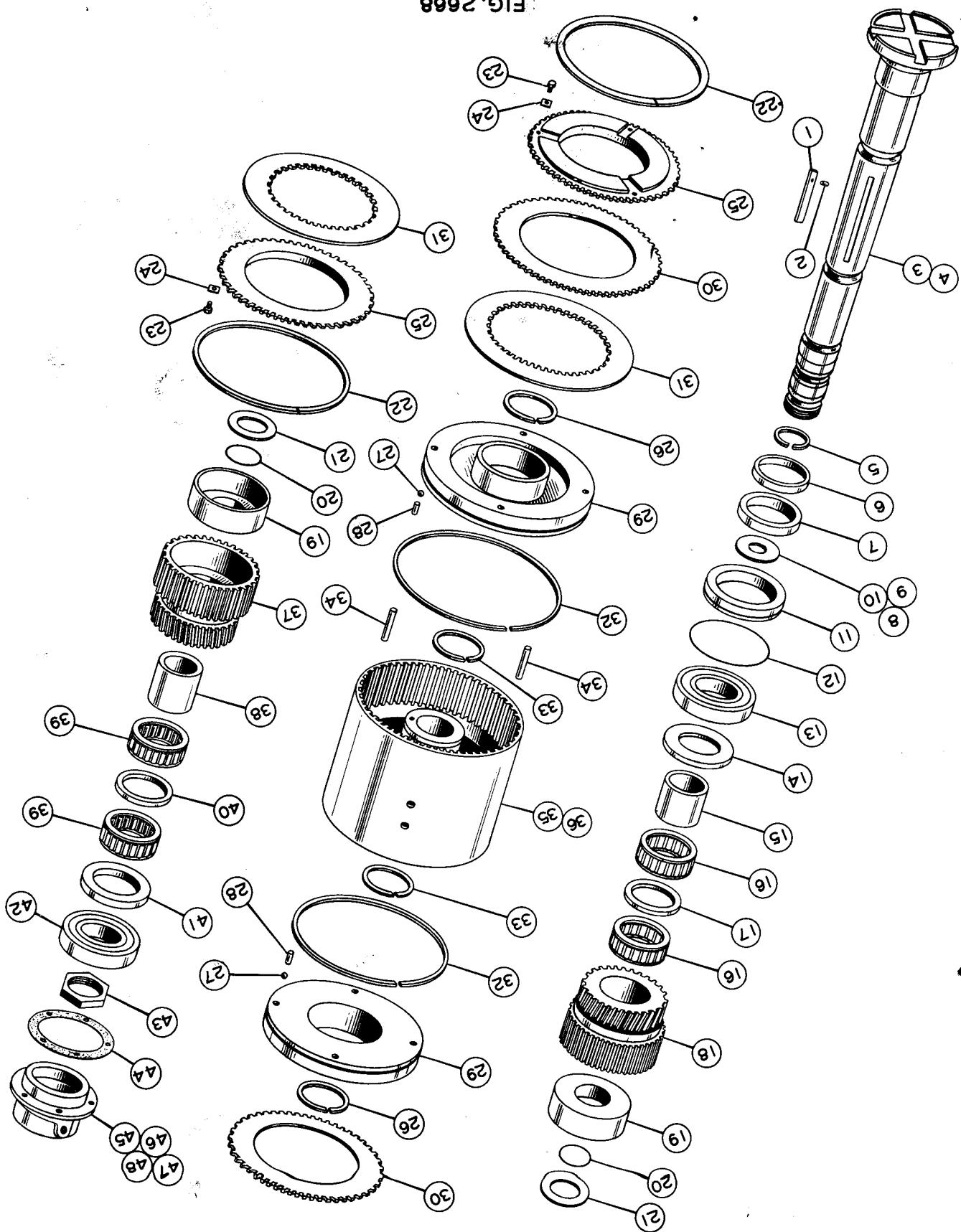


FIGURE 2668

HYDRAULIC CLUTCH AND SHAFT

Ref. No.	Part No.	Qty.	Description
1	725206	1	KEY, SQUARE
2	725207	1	DOWEL
3	RK1587	1	SHAFT WITH PLUGS
4	923027	3	PLUG, PIPE - 1/8" NPT
5	725149	4	RING, PISTON
6	722081	1	COLLAR, OIL SEAL
7	724088	1	SEAL, OIL
8	722091	2	WASHER
9	920042	2	SCREW, CAP, - 3/8" - 16NC x 1"
10	923313	2	WASHER, LOCK - 3/8"
11	722080	1	RETAINER, SEAL
12	722079	1	"O" RING
13	722043	1	BEARING
14	725154	1	SPACER
15	725153	1	RACE, INNER
16	722956	2	BEARING, ROLLER
17	725189	1	SPACER
18	725230	1	GEAR, CLUTCH
19	725393	2	CUP, PISTON
20	726021	2	"O" RING
21	726019	2	WASHER
22	725144	2	RING, RETAINING
23	725636	6	SCREW, CAP, SPECIAL
24	725635	6	PLATE, LOCK
25	725220	2	DISC, BACKING
26	726020	2	RING, PISTON
27	725150	2	BALL, STEEL
28	725151	2	PIN, ROLL
29	725394	2	PISTON
30	725224	20	DISC, CLUTCH
31	725193	18	DISC, OPPOSING
32	725147	2	RING, PISTON
33	725148	2	RING, PISTON
34	725176	2	DOWEL
35	725395	1	HOUSING, PISTON
36	923027	2	PLUG, PIPE - 1/8" NPT
37	725228	1	GEAR, CLUTCH
38	725152	1	RACE, INNER
39	722954	2	BEARING, ROLLER
40	725155	1	SPACER
41	725145	1	SPACER
42	725182	1	BEARING
43	725146	1	NUT, LOCK
44	725223	1	GASKET
45	662736	1	CAP
46	920044	4	SCREW, CAP - 3/8" - 16NC x 1 1/4"
47	920050	1	SCREW, CAP - 3/8" - 16NC x 2 1/4"
48	923523	5	WASHER, LOCK - 3/8"

(666BT - 777BT)

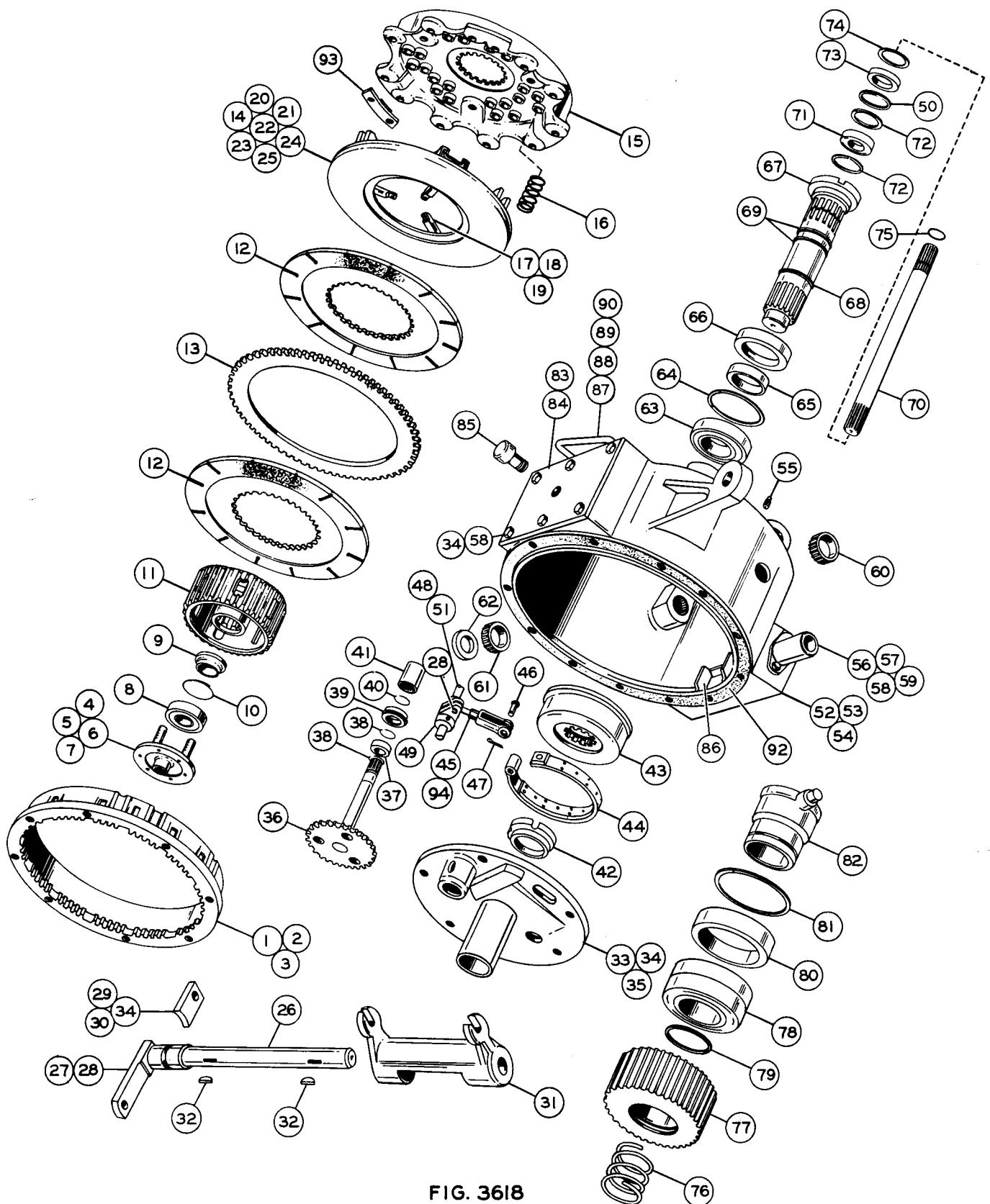


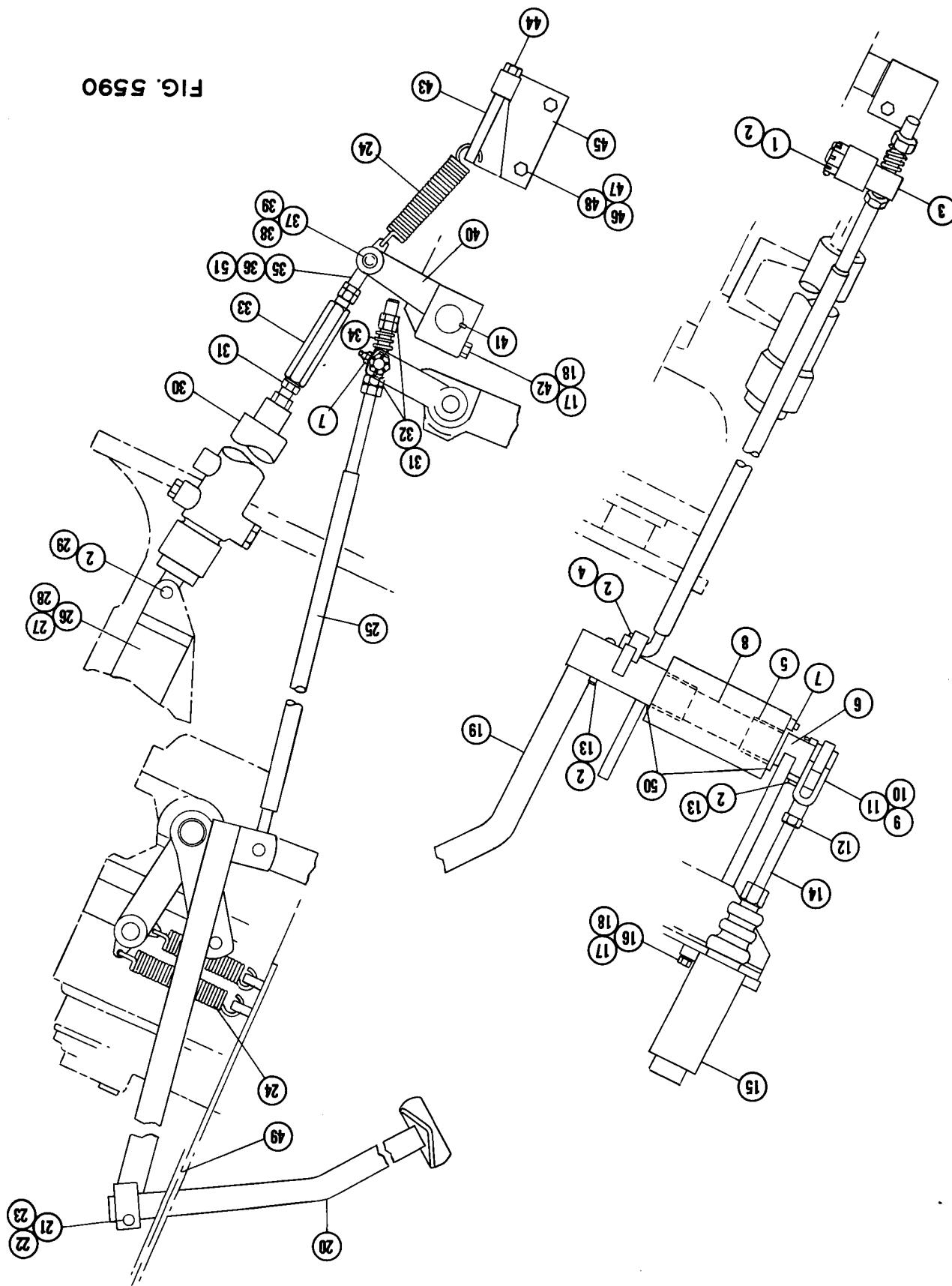
FIG. 3618
OIL CLUTCH

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	662870	1	ADAPTER, FLYWHEEL	50	VP 983	1	SPACER
2	920078	8	SCREW, CAP-1/2"-13NC X 1 1/2"	51	2P 515	1	PLUG, WELCH
3	920713	8	WASHER, LOCK - 1/2"	52	662878	1	HOUSING, CLUTCH
4	408049	1	COPPLING, P.T.O. (3)	53	920068	10	SCREW, CAP-7/16"-14NC X 3"
5	723531	2	BOLT, PLACE (3)	54	920712	12	WASHER, LOCK - 7/16"
6	920047	6	SCREW, CAP-3/8"-16NC X 1 3/4" (4)	55	92005	2	PLUG, PIPE
7	923523	6	WASHER, LOCK - 3/8" (4)	56	722277	2	GASKET
8	122184	1	BARING	57	122212	2	FLANGE, OUTLET
9	122173	1	RING, RETAINER	58	920042	12	SCREW, CAP - 3/8"-16NC X 1"
10	725199	1	RING, RETAINER	59	122213	4	WASHER, COPPER
11	662873	1	HUB	60	122199	1	BARING, NEEDLE
12	122166	2	DISC, CLUTCH	61	122198	1	BEARING, NEEDLE
13	VP 515	1	DISC, STEEL (3)	62	122200	1	SEAL, OIL
14	VP 85	1	PLATE, PRESSURE	63	423018	1	BEARING
15	16	18	SPRING, PRESSURE	64	721466	1	RING, SNAP
16	VP 86	3	LEVER	65	122169	1	SLEEVE
17	475382	18	SPRING, PRESSURE	66	122170	1	SEAL, OIL
18	475387	3	SCREW, TORSION	67	122168	1	SHFT, CLUTCH
19	475375	3	SCREW, ADJUSTING LEVER	68	726452	1	RING, RETAINING
20	475386	3	BLOCK, ADJUSTING LEVER	69	122172	2	SHFT, SEAL
21	475385	3	PIN, LEVER PIVOT	70	122174	1	SHFT, P.T.O. (Rear)
22	473118	3	PIN, LEVER	71	122175	1	BARING
23	473119	3	WASHER, LEVER PIN	72	122176	2	RING, RETAINING
24	922271	3	PIN, COTTER	73	122177	1	SEAL
25	472272	3	NUT	74	122178	2	RING, RETAINING
26	122202	1	SHAFT, CROSS	75	122185	1	GEAR, THRUST
27	VRC2546	1	LEVER, ARM	76	122190	1	SPRING, COMPRESSION
28	122201	1	KEEPEL	77	122187	2	BEARING
29	820074	3	PIN, ROLL	78	122186	1	RING, RETAINING
30	920040	1	SCREW, CAP-3/8"-16NC X 3/4"	79	122188	1	SPACER
31	662776	1	FORK, SHIFTER	80	122189	1	RING, RETAINING
32	4P 151	2	KEY, WOODRUFF	81	122191	1	SCREW, BEARING RELEASE
33	662869	1	BEARING, RELEASE SUPPORT	82	662888	1	SLevee, BEARING RELEASE
34	923523	13	WASHER, LOCK - 3/8"	83	408048	1	PLATE
35	408043	5	SCREW, CAP - 3/8"-16NC X 1 1/2"	84	122161	1	GASKET
36	408046	1	PUMP, GEAR ASSY	85	408052	1	BREATHER
37	122155	1	BULE, (WITH NUTS)	86	408058	1	MIFER
38	122154	2	BULE	87	408047	1	VALVE ASSMBLY, RELIEF
39	122156	1	BULE, RETAINER	88	408047	1	SCREW, SET-1/4"-20NCX1/4"
40	122153	1	BULE, RETAINING	89	720987	1	RING, "O"
41	122171	1	BULE, STEEL	90	721063	2	ELBOW
42	662874	1	BULE, BRAKE	91	722972	1	BUSHING
43	408054	1	BULE, BRAKE	92	726038	1	GASKET
44	662874	1	BULE, BRAKE	93	122164	18	SHIM
45	720829	1	BULE, BRAKE	94	121123	1	ROD, CONTROL
46	922103	1	BULE, BRAKE	95	PIN, COTTER - 1/16" X 1/2"		NOT SHOWN
47	122191	1	BULE, BRAKE	96	PIN, DOWEL - 5/8" X 2"		
48	662876	1	BULE, BRAKE	97	Crank, Bell		

NOTE: (1) EFFECTIVE WITH 666B ENGINE.
 (2) EFFECTIVE WITH 77B ENGINE.
 (3) EFFECTIVE WITH CUMMINS ENGINE.
 (4) EFFECTIVE WITH GM ENGINE.

CONTROLS - POWER CLUTCH

FIG. 5590



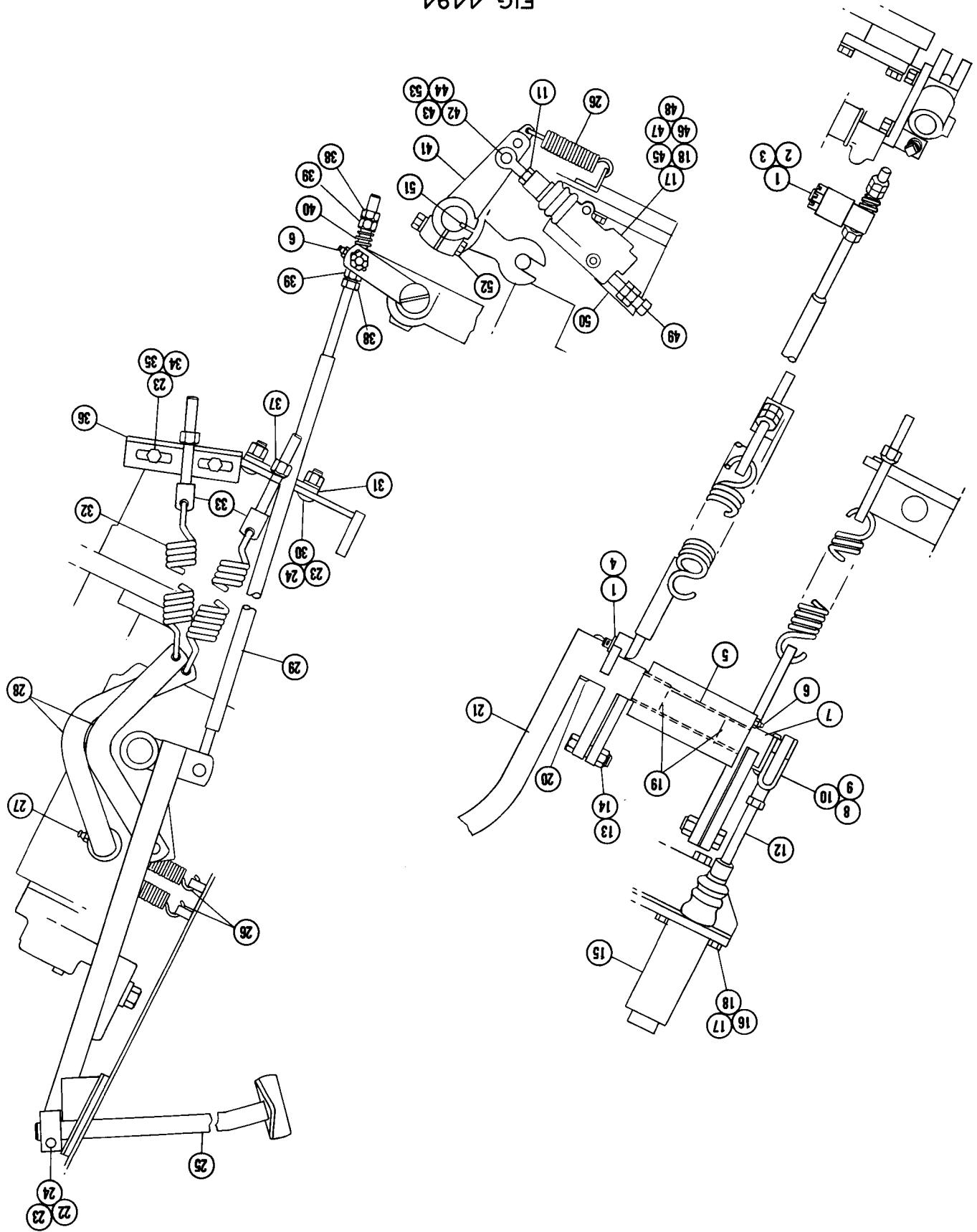
475086 REPAIR KIT FOR VP5005 MASTER CYLINDER.

NOTE: (1) EFFECTIVE WITH GM ENGINE.
 (2) EFFECTIVE WITH CUMMINS ENGINE.

Ref.	Part No.	Qty.	Description
1	F0865	1	PIN, SLOTTED
2	C2303	6	PIN, COTTER
3	726329	1	SWIVEL
4	DD5640	1	MASHER, CUT - 1/2"
5	727898	2	BEARING
6	VP5873	1	LEVER
7	VP4802	2	ZERK
8	428841	1	SHAFT
9	425350	1	YOKE
10	425353	1	PIN
11	DD4098	1	PIN, COTTER
12	T63941	1	NUT, JAM
13	DP1923	2	PIN
14	VP4906	1	STUD
15	VP5005	1	CYLINDER, MASTER (3)
16	VN2878	3	CAPSCREW
17	CT5121	4	NUT - 3/8" - 16NC
18	VM1405	4	LOCKMASHER - 3/8"
19	VP5526	1	LEVER, CLUTCH
20	VR2548	1	PEDAL, CLUTCH
21	422830	1	PIN, LOCK
22	CT523	1	NUT - 1/2" - 13NC
23	VM1454	1	LOCKMASHER - 1/2"
24	T21162	4	SPRING
25	VR2612	1	ROD, BRAKE PULL (1)
26	VR2600	1	ANCHOR
27	T22114	4	STUD
28	424893	1	SPACER
29	VP5003	1	PIN
30	VP4928	1	VALVE, CLUTCH PULL TYPE (SEE INDEX)
31	HO749	3	NUT - 1/2" - 20NF
32	CT524	2	NUT - 1/2" - 20NF
33	VP5002	1	CONNECTOR (1)
34	4P0604	1	SPRING
35	VP4930	1	END, ROD
36	TG3941	1	NUT, JAM - 7/16" - 20NF
37	VM1406	1	LOCKMASHER - 7/16"
38	CG572	1	NUT - 7/16" - 14NC
39	VP4824	1	ROD, SHOULDER
40	VP5525	1	LEVER
41	S7504	1	KEY, WOODRUFF
42	CC8396	1	CAPSCREW - 3/8" - 16NC X 2 3/4"
43	VR2814	1	ANCHOR
44	921686	1	NUT, LOCK
45	VR2818	1	SUPPORT, SPRING (1)
46	S9581	2	SUPPORT, SPRING (2)
47	CT613	2	CAPSCREW (1)
48	VM1454	2	LOCKMASHER (1)
49	VP6515	1	PAD
50	720350	6	SHIM
51	VM0341	1	NUT, JAM - 7/16" - 20NF L.H.

CONTROLS-MANUAL CLUTCH

FIG. 4494



Ref.	Part No.	Qty.	Description
1	C2303	4	PIN, COTTER
2	F0865	1	NUT, SLOTTED - 1/2" - 20NF
3	726329	1	SWIVEL
4	DD5640	1	MASHER, CUT - 1/2"
5	VPA4802	1	SHAFT
6	VP5873	3	LEVER
7	425350	1	ZERK
8	428841	1	YOKE
9	425353	1	PIN
10	D4098	1	PIN, COTTER
11	TG3941	2	NUT, JAM - 7/16" - 20NF
12	VPA4906	1	STUD
13	727900	2	BOLT, SHOULDER
14	921686	2	LOCKNUT
15	VP5005	1	CYLINDER, MASTER (SEE INDEX)
16	VN2878	3	CAPSCREW - 3/8" - 16NC X 1 3/8"
17	C1521	6	NUT - 3/8" - 16NC
18	VMA405	6	LOCKMASHER - 3/8"
19	727898	2	BEARING
20	DP1923	2	PIN
21	VPA549	1	LEVER, CLUTCH
22	422830	1	PIN
23	VMA454	5	LOCKMASHER - 1/2"
24	C1523	3	NUT - 1/2" - 16NC
25	VPA548	1	PEDAL, CLUTCH
26	121162	4	SPRING
27	722726	1	ZERK
28	122330	2	LINK
29	VPA542	1	ROD, BRAKE (1)
30	VMA432	2	ROD, BRAKE (2)/(3)
31	VPA4943	1	BAR, FLAT
32	VP7285	2	SPRING
33	406486	2	STUD
34	C1612	2	CAPSCREW - 1/2" - 16NC X 1"
35	C1549	2	MASHER, CUT - 1/2"
36	122332	1	BRACKET, ANGLE
37	727893	2	NUT, SPHERICAL
38	HO749	2	NUT - 1/2"
39	C1524	2	SPRING
40	4P0604	1	NUT - 1/2" - 20NF
41	VP5913	1	CLUTCH, THROWOUT
42	VP4824	1	BOLT, SHOULDER
43	C5572	1	SPRING
44	VM1406	1	NUT - 7/16" - 14NC
45	VP4929	1	CLINIDER, SLAVE
46	C5751	2	CAPSCREW - 3/8" - 16NC X 2 1/2"
47	VN7467	2	NUT, JAM - 1/2" - 16NC
48	H8508	1	CAPSCREW - 7/16" - 14NC X 3 1/2"
49	SR6313	2	MOUNTING, VALVE (1)/(3)
50	VR5240	2	KEY, WOODRUFF
51	S7504	1	MOUNTING, VALVE (2)
52	VR5241	1	KEY, WOODRUFF
53	VP4942	1	END, ROD

NOTE: (1) EFFECTIVE WITH CUMMINS ENGINE.
 (2) EFFECTIVE WITH 666B GM ENGINE.
 (3) EFFECTIVE WITH 777B GM ENGINE.

HYDRAULIC CLUTCH AND CONVERTER UNIVERSAL JOINT

FIG. 3886

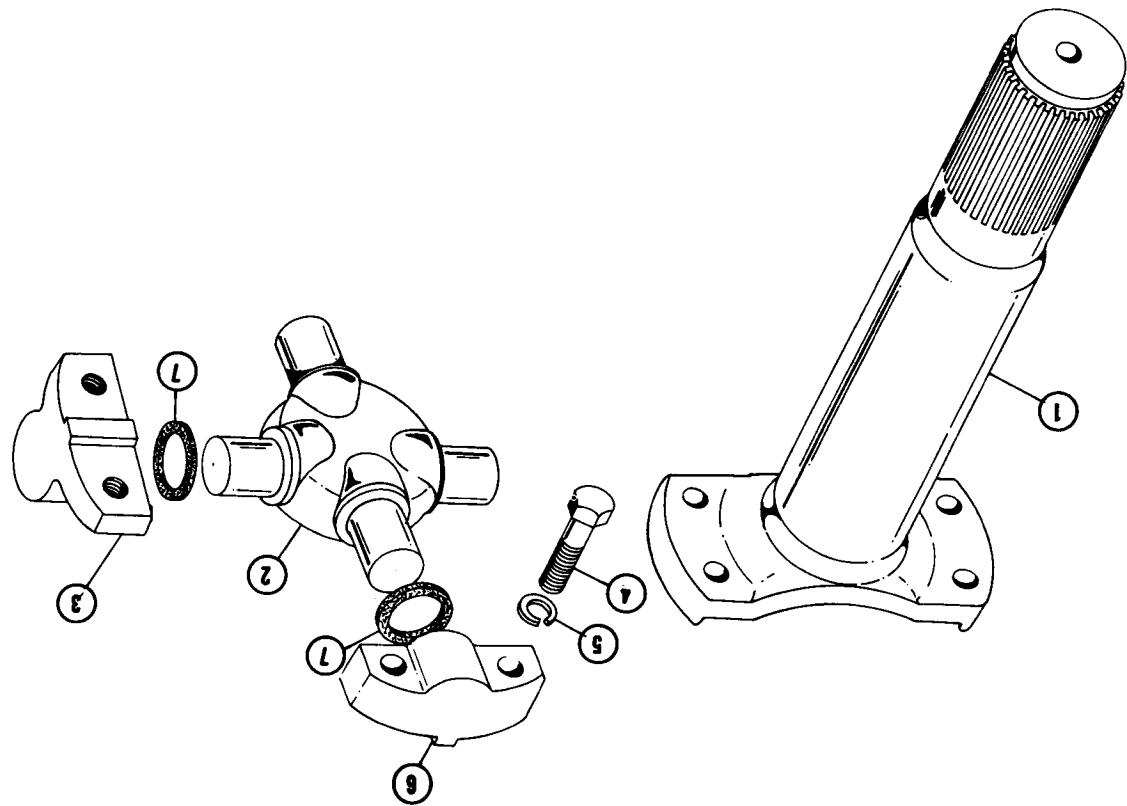
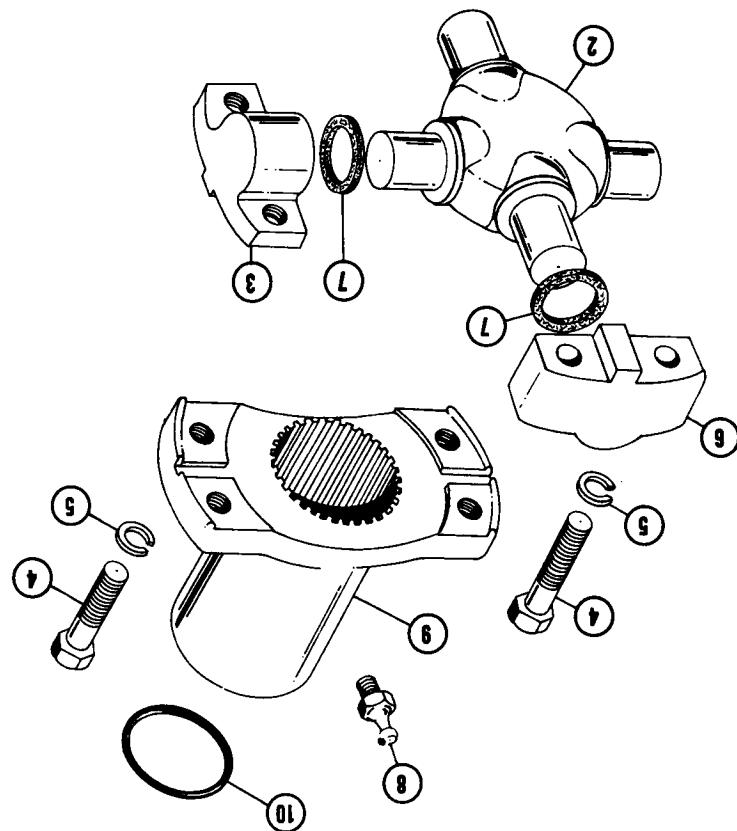


FIGURE 3886

HYDRAULIC CLUTCH & CONVERTER UNIVERSAL JOINT

Ref. No.	Part No.	Qty.	Description
	726172	1	UNIVERSAL JOINT (1)
	726173	1	UNIVERSAL JOINT (2)
1	475413	1	YOKE, STUB (1)
	475411	1	YOKE, STUB (2)
2	474524	2	SPIDER AND BEARING
3	474244	4	BEARING (TAPPED)
4	474255	8	SCREW, CAP
	474544	8	SCREW, CAP
5	474545	16	WASHER, LOCK
6	474507	4	BEARING, HIGH (Drilled)
7	474248	8	WASHER, CORK
	474243	8	SHIELD, DUST
8	475267	1	FITTING, GREASE
9	475412	1	YOKE (Splined)
10	475470	1	"O" RING
NOTE: (1)EFFECTIVE WITH CUMMINS ENGINE. (2)EFFECTIVE WITH G.M. ENGINE.			

THROTTLE CONTROL LINKAGE

ENGINE SHUT DOWN &

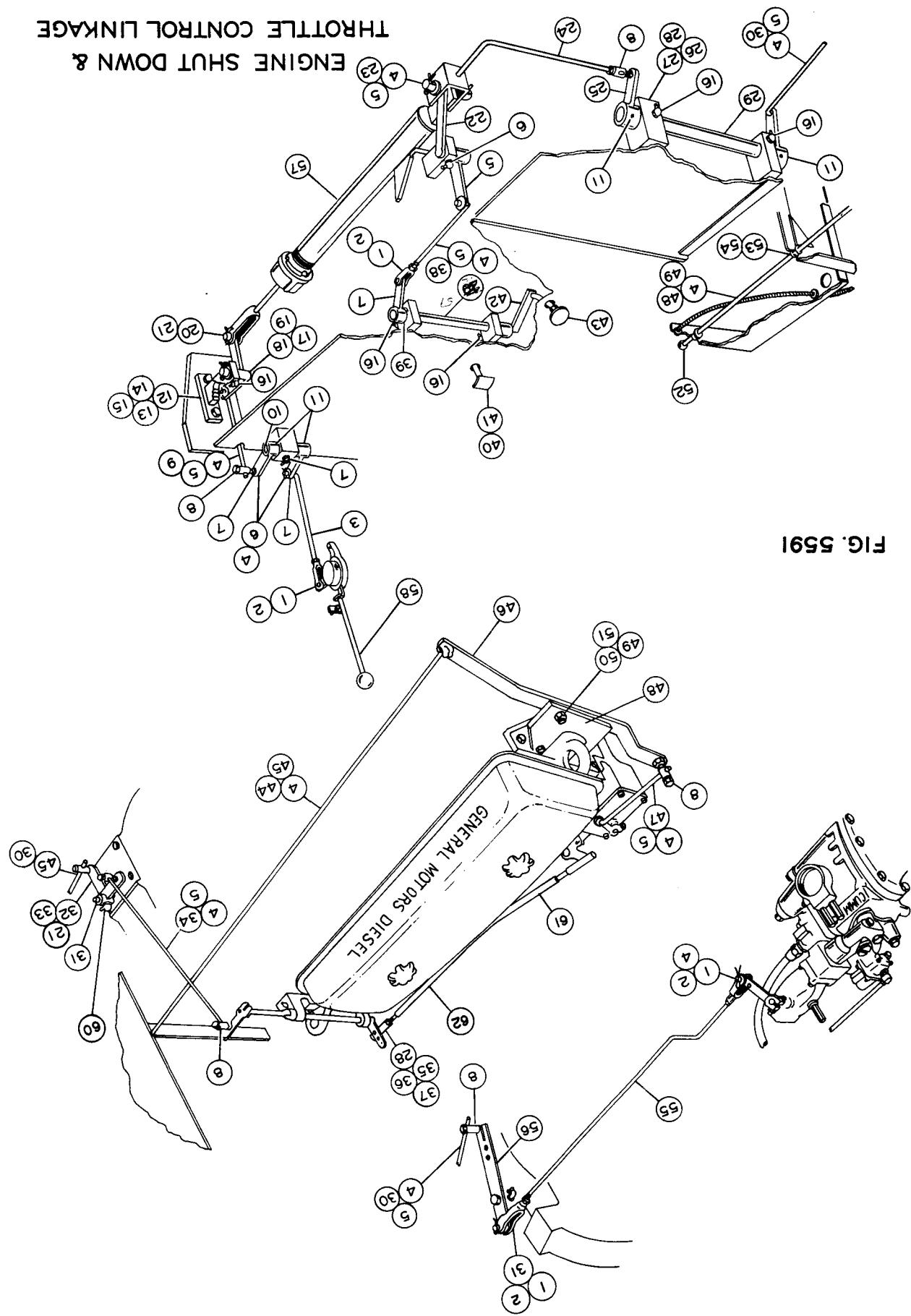


FIGURE 5591

ENGINE SHUTDOWN & THROTTLE CONTROL LINKAGE

No.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description		
1	426616	2	PIN		DD5640	3	YOKE		728732	1	ROD, FORMED		
2	4P2251	2	YOKE		728733	1	ROD, LINK (2)/(3)/(4)		TR1307	9	PIN, COTTER - 3/32" X 3/4"		
3	728732	1	ROD, FORMED		725559	2	JOINT, BALL (2)/(3)/(4)		VN2877	4	WASHER, CUT - 1/4"		
4	4P2251	2	YOKE		728733	1	ROD, LINK (2)/(3)/(4)		VN2877	9	PIN, COTTER - 3/32" X 3/4"		
5	728735	1	LEVER		35	3	JOINT, BAL		TR1307	4	WASHER, CUT - 1/4"		
6	728736	1	LEVER		36	4	JAMNUT - 5/16" NF (2)/(3)/(6)		VN2877	4	WASHER, CUT - 1/4"		
7	728735	1	FITTING, GREASE		37	4	NUT - 5/16" NF (3)/(6)		662766	4	ROD, FORMED		
8	728736	1	FITTING, GREASE		38	728781	1	ROD, FORMED		662766	4	WASHER, CUT - 1/4"	
9	728780	1	ROD, FORMED		39	726734	4	SHIM		728735	5	JONUT, BALL	
10	728777	1	SHAFTE, DRILLED		40	VR3805	1	PEDAL		728736	5	FITTING, GREASE	
11	721150	7	PIN, ROLL		41	88508	1	JAMNUT - 1/2" NC		728780	1	JOINT, BALL	
12	406805	1	PIVOT		42	VR1091	1	SUPPORT, PEDAL REAR		728777	1	SHAFTE, DRILLED	
13	VM1434	2	BOLT, CARRIAGE - 1/2"-20NC X 1		43	VR3806	1	SUPPORT, PEDAL FRONT		721150	7	PIN, ROLL	
14	C1523	2	NUT - 1/2" - 20NC		44	VP4553	1	ROD, SHUT-OFF (2)/(4)		406805	1	PIVOT	
15	VM1454	2	LOCKWASHER - 1/2"		45	923101	1	WASHER, CUT		722726	7	FITTING, GREASE	
16	722726	7	FITTING, GREASE		46	728994	1	ROD (2)/(3)/(4)		406784	1	LEVER	
17	406784	1	LEVER		47	728780	1	ROD (2)/(3)/(4)		4P2578	1	PIN	
18	VN2876	1	FLATWASHER - 3/16" X 1 1/4"		48	728995	1	BRAKET (2)/(3)/(4)		4P2578	1	LEVER	
19	TF2449	1	FLATWASHER - 3/4"		49	425017	1	BALL (2)/(3)/(4)		406421	1	PIN, COTTER - 3/32" X 1"	
20	VN2876	1	FLATWASHER - 3/16" X 1 1/4"		50	921518	1	NUT - 3/8"		523449	1	LEVER	
21	4P2578	1	FLATWASHER - 3/8"		51	92323	1	LOCKWASHER - 3/8"		406421	1	PIN, COTTER - 3/32" X 1"	
22	4P2578	1	FLATWASHER - 3/4"		52	425017	1	BALL (2)/(3)/(4)		24	VR2624	1	ROD (1)/(5)
23	523449	1	FLATWASHER - 3/4"		53	728998	2	BUSHING (2)/(3)/(4)		25	662769	2	LEVER
24	4P2578	1	FLATWASHER - 3/4"		54	VP0007	2	RING, SNAP (2)/(3)/(4)		26	727677	1	BLOCK, BEARING
25	523449	1	FLATWASHER - 3/4"		55	120874	1	ROD (6)		27	C1598	2	BLock, COTTER - 5/16" (2)/(3)/(6)
26	662769	2	LEVER		56	725300	1	ROD (5)		28	C00296	4	ACCELERATOR-DECCELERATOR (SEE INDEX) (5)
27	727677	1	BLock, COTTER - 5/16" (2)/(3)/(6)		57	406789	1	ACCELERATOR-DECCELERATOR (SEE INDEX) (5)		29	728778	1	SHAFTE, DRILLED
28	C1598	2	BLock, COTTER - 5/16" (2)/(3)/(6)		58	VR1591	1	THROTTLE (SEE INDEX)		30	728779	1	ROD, FORMED (6)
29	728778	1	BLock, COTTER - 5/16" (2)/(3)/(6)		59	VP3461	1	GASKET, COPPER (2)/(3)/(6)		31	728840	1	PIVOT, LEVER (2)/(3)/(4)
30	728779	1	BLock, COTTER - 5/16" (2)/(3)/(6)		60	725600	1	RD, GOVERNOR CONTROL (3)		32	662880	1	LEVER (2)/(3)/(4)
31	728840	1	BLock, COTTER - 5/16" (2)/(3)/(6)		61	VP6307	1	RD, GOVERNOR CONTROL (2)					
32	662880	1	BLock, COTTER - 5/16" (2)/(3)/(6)		62	728926	1	RD, CONTROL (2)/(3)					

NOTE:

(2) EFFECTIVE WITH 666BT G.M.
 (3) EFFECTIVE WITH 777BT G.M.
 (4) EFFECTIVE WITH 666B GM, 777B GM.
 (5) EFFECTIVE WITH 666BC, 777BC.

(6) EFFECTIVE WITH 777BC.

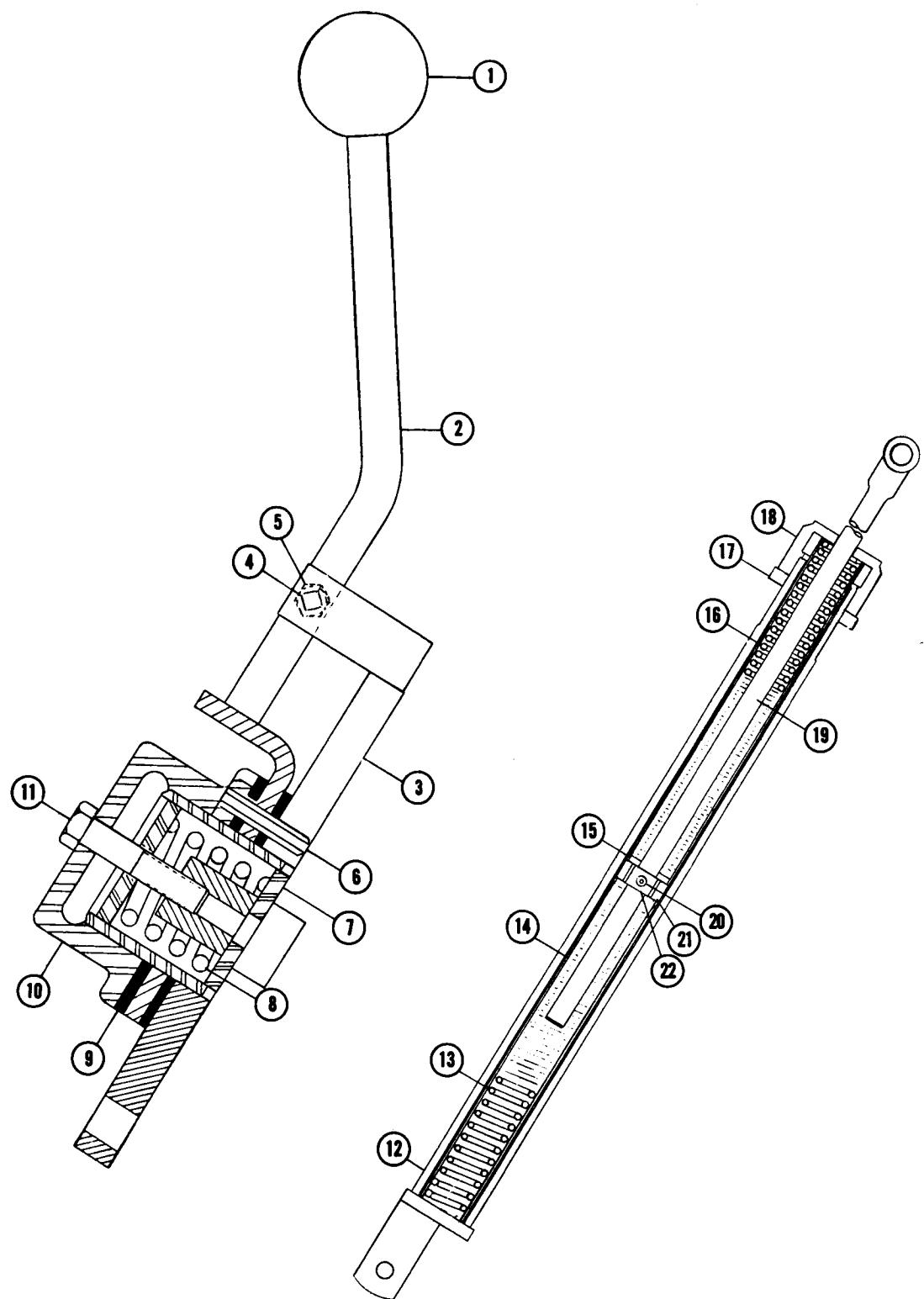


FIG. 3864
THROTTLE CONTROL
ACCELERATOR & DECELERATOR

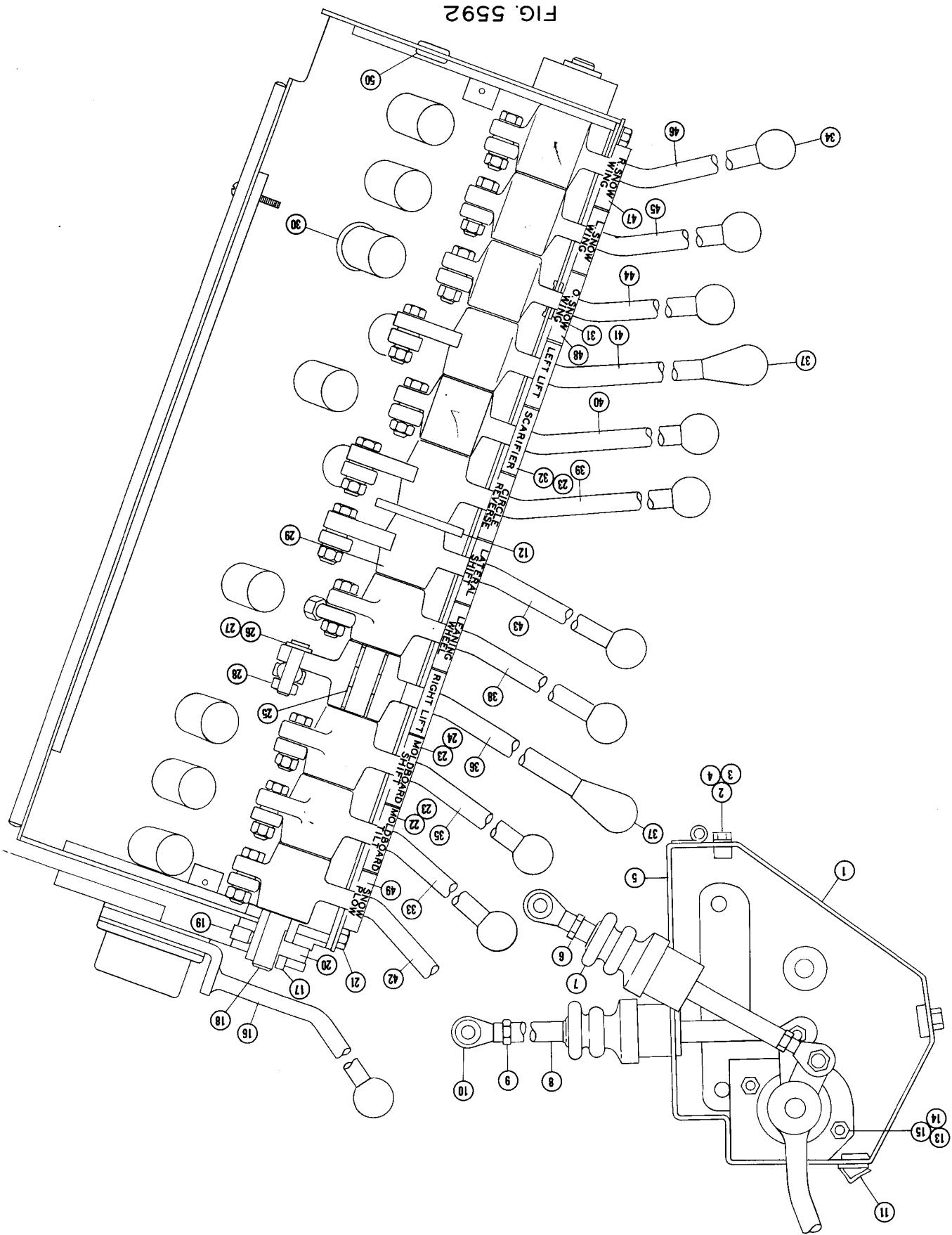
FIGURE 3864

THROTTLE CONTROL, ACCELERATOR & DECELERATOR

Ref. No.	Part No.	Qty.	Description
	VR1591	1	THROTTLE ASSEMBLY
1	VP2314	1	BALL
2	VR1588	1	LEVER, THROTTLE
3	406787	1	BASE, THROTTLE
4	R6378	1	SCREW, SET - 1/4" - 20NC X 1 1/2"
5	VN2882	1	NUT, JAM - 1/4" - 20NC
6	SH8170	1	PIN, ROLL
7	406782	1	STOP, SPRING
8	426300	1	SPRING
9	426297	2	DISC, FRICTION
10	662841	1	CAP
11	C1605	1	SCREW, CAP - 3/8" - 16NC X 1 3/4"
	406419	1	ACCELERATOR AND DECELERATOR ASSEMBLY
	406789	1	ACCELERATOR AND DECELERATOR ASSEMBLY (1)
12	406417	1	HOUSING
13	727633	1	SPRING (3)
14	727628	2	GUIDE, SPRING
15	727627	2	WASHER
16	727632	1	SPRING (2)
17	729753	1	NUT, LOCK
18	407549	1	CAP
19	727625	1	ROD
20	726445	1	PIN, ROLL
21	727612	1	SPACER
22	727629	1	COLLAR
			NOTE: (1) EFFECTIVE WITH 666B CUMMINS. (2) NOT USED WITH 406789. (3) TWO USED WITH 406789.

CONTROL BOX & LEVERS

FIG. 5592



Ref.	Part No.	Qty.	Description
1	VR2644	1	PANEL, INSTRUMENT
2	VP2302	1	PLATE, MOUNTING
3	TG1929	4	SCREW, MACH. #10-24 X 1/2"
4	VM1402	4	WASHER, LOCK
5	VR2296	1	BOX, CONTROL
6	VP2210	4	ROD, CONTROL
7	VP2239	7	BELLOWS
8	VP4501	4	ROD, CONTROL
9	TG3941	14	ROD, END PLATE
10	VP2219	14	ROD, HEX JAM - 7/16" - 20NF
11	VR2300	1	PLATE
12	VP2182	1	SUPPORT
13	C1602	2	SCREW, CAP - 3/8" - 16NC X 1"
14	C1547	4	WASHER, FLAT - 3/8"
15	921653	2	NUT, LOCK - 3/8" - 16NC
16	VR1591	1	THROTTLE, ASSEMBLY (SEE INDEX)
17	VP2191	2	ROUND
18	VP1894	2	SHAFT
19	VP2303	2	SCREW, SET
20	VP2304	2	SCREW, SET
21	VP2305	5	SCREW, SET
22	VP2238	1	SCREW, NAME
23	VM1452	8	SCREW, DRIVE
24	VP2237	1	SCREW, NAME
25	VP2312	14	BEARING, NEEDLE
26	C1676	7	SCREW, CAP - 7/16" - 20NF X 1 1/2"
27	723738	7	NUT, LOCK
28	VP2192	2	SPACER
29	VP2198	5	PLUG
30	VP2888	1	CAP
31	VP2314	1	LEVER
32	VP4520	1	PLATE, NAME
33	VP3924	1	LEVER
34	VP3914	5	BALL
35	VP3918	1	LEVER
36	VP3650	2	BALL
37	VP3922	1	LEVER
38	VP3921	1	LEVER
39	VP3916	1	LEVER
40	VP3919	1	LEVER
41	VP3913	1	LEVER
42	VP3925	1	LEVER
43	VP3917	1	LEVER
44	VP3915	1	LEVER
45	VP3912	1	LEVER
46	VP3917	1	LEVER
47	VP3914	1	LEVER
48	VP2232	1	PLATE, NAME
49	VP2235	1	PLATE, NAME
50	VP4693	2	GROMMET

FIGURE 5592 CONTROL BOX AND LEVERS

CONTROL - FOOT BRAKE

FIG. 392I

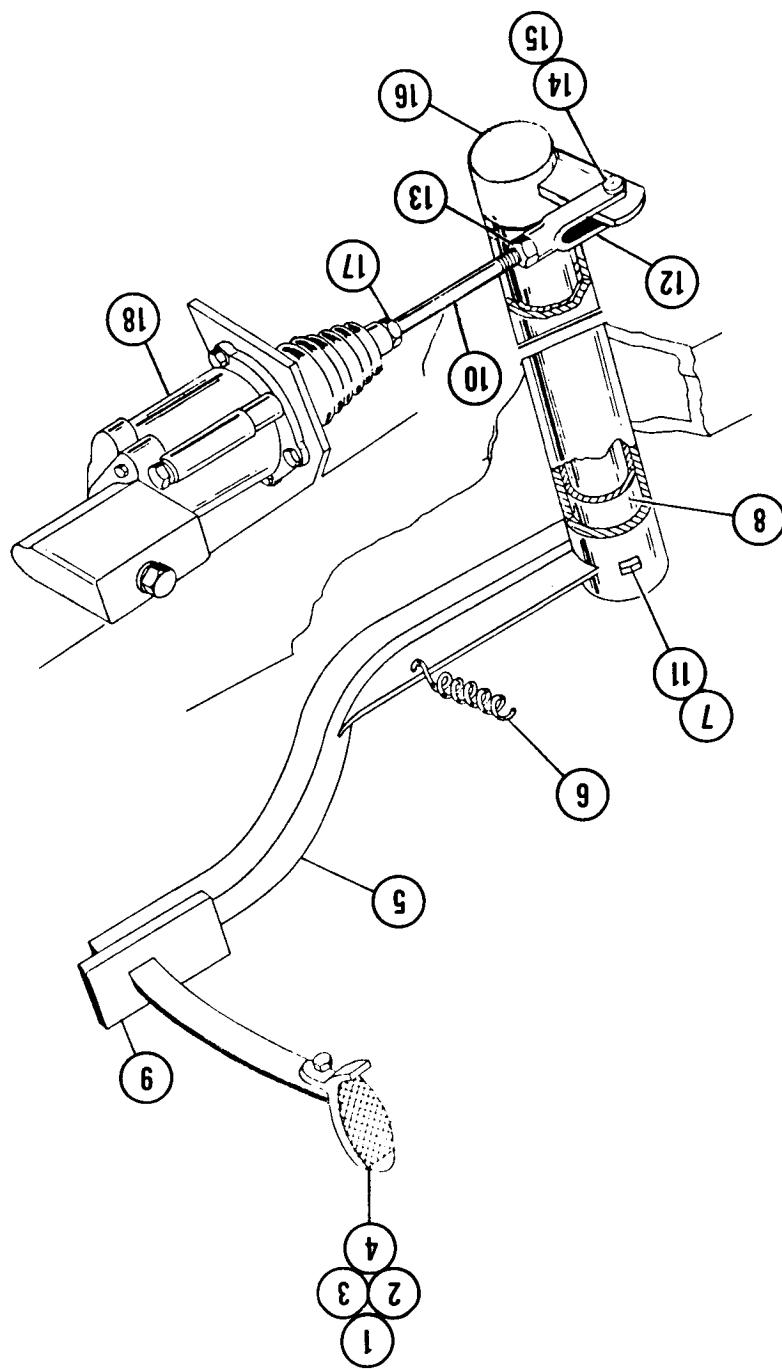


FIGURE 3921

CONTROL - FOOT BRAKE

Ref. No.	Part No.	Qty.	Description
1	VR2528	1	PEDAL
2	C1523	1	NUT, HEX - 1/2"
3	422830	1	PIN, LOCK
4	VM1454	2	WASHER, LOCK - 1/2"
5	VR2529	1	LEVER, BRAKE
6	121162	2	SPRING
7	4P2259	1	PIN
8	728993	2	BUSHING
9	VP6515	1	PAD, SEAL
10	VP5118	1	ROD, THREADED (POWER)
	VP5117	1	ROD, THREADED (MANUAL)
11	922122	1	PIN, COTTER - 3/32" X 3/4"
12	425350	1	YODE
13	TG3941	1	NUT, HEX - 7/16" - 20NF
14	922123	1	PIN, COTTER - 3/32" X 1"
15	425353	1	PIN
16	VR0997	1	LEVER (POWER)
	VR2623	1	LEVER (MANUAL)
17	H0749	1	NUT, HEX - 1/2" - 20NF
18	VP2077	1	CYLINDER, MASTER BRAKE (POWER) (SEE INDEX)
	722795	1	CYLINDER, MASTER BRAKE (MANUAL) (SEE INDEX)

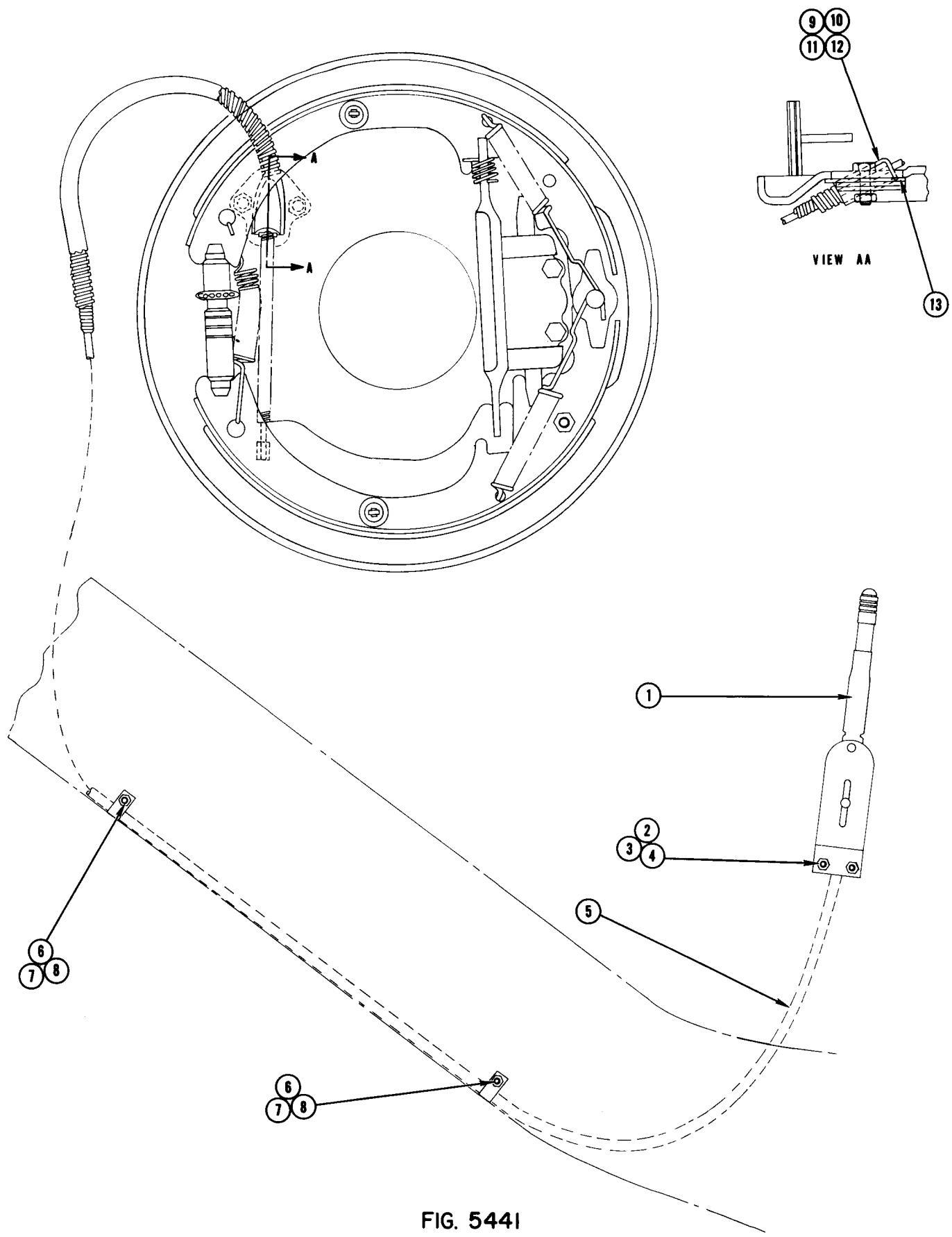


FIG. 5441
PARKING BRAKE LEVER & CONTROL

FIGURE 5441

PARKING BRAKE LEVER AND CONTROL

Ref. No.	Part No.	Qty.	Description
1	VP6321	1	BRAKE, LEVER
2	H5825	2	SCREW, CAP - 5/16" - 18NC X 2 1/8"
3	CD0296	2	WASHER, LOCK - 5/16"
4	C1520	2	NUT, HEX - 5/16" - 18NC
5	VP6320	1	CABLE
6	423336	2	CLAMP
7	VM1405	2	WASHER, LOCK - 3/8"
8	C1521	2	NUT, HEX - 3/8" - 16NC
9	722527	1	CAP, ABUTMENT
10	VM1482	2	SCREW, CAP - 1/4" - 20NC X 7/8"
11	VM1404	2	WASHER, LOCK - 1/4"
12	TD1549	2	NUT, HEX - 1/4"NC
13	722528	1	SEAL

RESERVOIR-HYDRAULIC

FIG. 5593

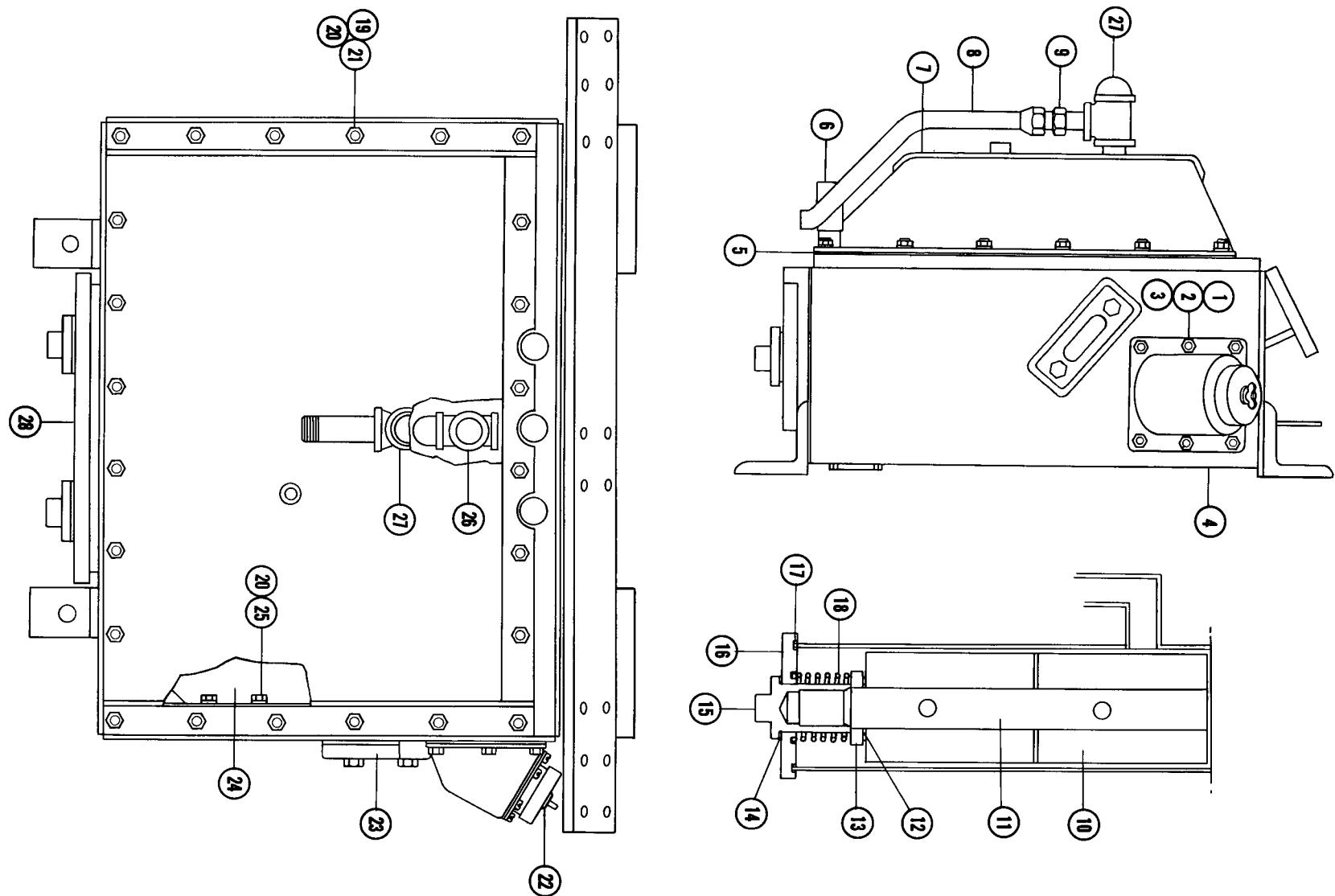


FIGURE 5593

RESERVOIR - HYDRAULIC

Ref. No.	Part No.	Qty.	Description
1	VP3166	6	STUD - 1/4" - 20NC
2	VM1404	6	LOCKWASHER - 1/4"
3	C5780	6	NUT - 1/4" - 20NC
4	VR0858	1	RESERVOIR, HYDRAULIC
5	VP2167	1	GASKET
6	TG2562	1	CLAMP
7	VR0927	1	COVER, RESERVOIR
8	VR2807	1	TUBE
9	VM1871	1	ADAPTOR
10	727076	4	FILTER, OIL
11	VP2170	2	PIPE, FILTER
12	727077	6	GASKET
13	727081	2	RETAINER
14	727072	2	GASKET
15	VP3185	2	NUT, CAP
16	VP2172	2	CAP
17	VP2221	2	GASKET
18	727083	2	SPRING
19	VP2793	24	STUD
20	VM1405	28	LOCKWASHER - 3/8"
21	C1521	24	NUT - 3/8" - 16NC
22	VP2089	1	CAP, PRESSURE
23	VP2090	1	GAGE, OIL LEVEL
24	VP2142	1	BAFFLE
25	H8524	4	CAPSCREW - 3/8" - 16NC X 5/8"
26	VP2092	1	VALVE, RELIEF
27	VP2093	1	VALVE, RELIEF
NS	475887	1	CAP
NS	475888	1	PLUG, ADJUSTING
NS	475889	1	LOCKNUT
NS	475890	2	GASKET, CAP
NS	VP2240	1	SPRING, PRESSURE
NS	475892	1	BALL, SEAT
NS	475893	1	BODY
NS	C1614	6	SCREW, CAP - 1/2" - 13NC X 1 1/2"
NS	VM1454	6	WASHER, LOCK - 1/2"
NS	C1523	6	NUT - 1/2" - 13NC

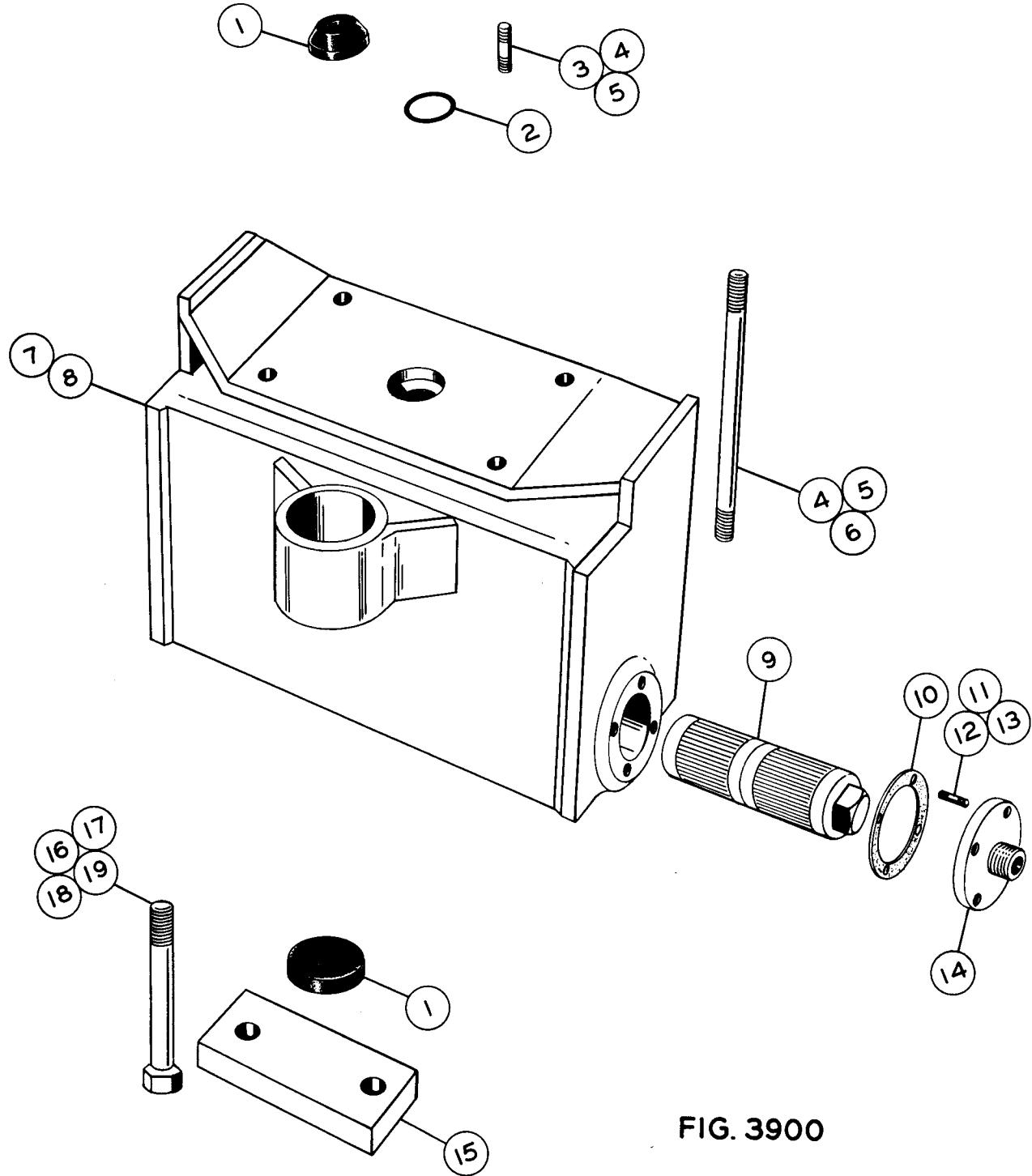


FIG. 3900

RESERVOIR-TRANSMISSION OIL

Ref.	No.	Part No.	Qty.	Description
1	722228	2	2	BISCUIT, SUPPORT
2	V60900	1	1	RING, "O"
3	724045	2	2	STUD
4	921551	4	4	NUT - 5/8" - 18NF
5	920715	4	4	WASHER, LOCK - 5/8"
6	725178	2	2	STUD
7	405253	1	1	RESERVOIR, OIL
8	923005	1	1	PLUG, PIPE, SQUARE HEAD - 1/2" (DRY SEAL TYPE)
9	725188	1	1	FILTER, OIL
10	725166	1	1	GASKET
11	725179	4	4	STUD
12	921519	4	4	NUT - 3/8" - 24NF
13	923523	4	4	WASHER, LOCK - 3/8"
14	405246	1	1	PLATE, COVER
15	722227	1	1	BAR, TRANSMISSION SUPPORT CLAMP
16	722229	2	2	BOLT, HEAT TREATED
17	C1532	2	2	NUT - 1" - 14NF
18	H0989	2	2	NUT, HEX, DAM - 1" - 14NF
19	R4386	2	2	WASHER, LOCK - 1"

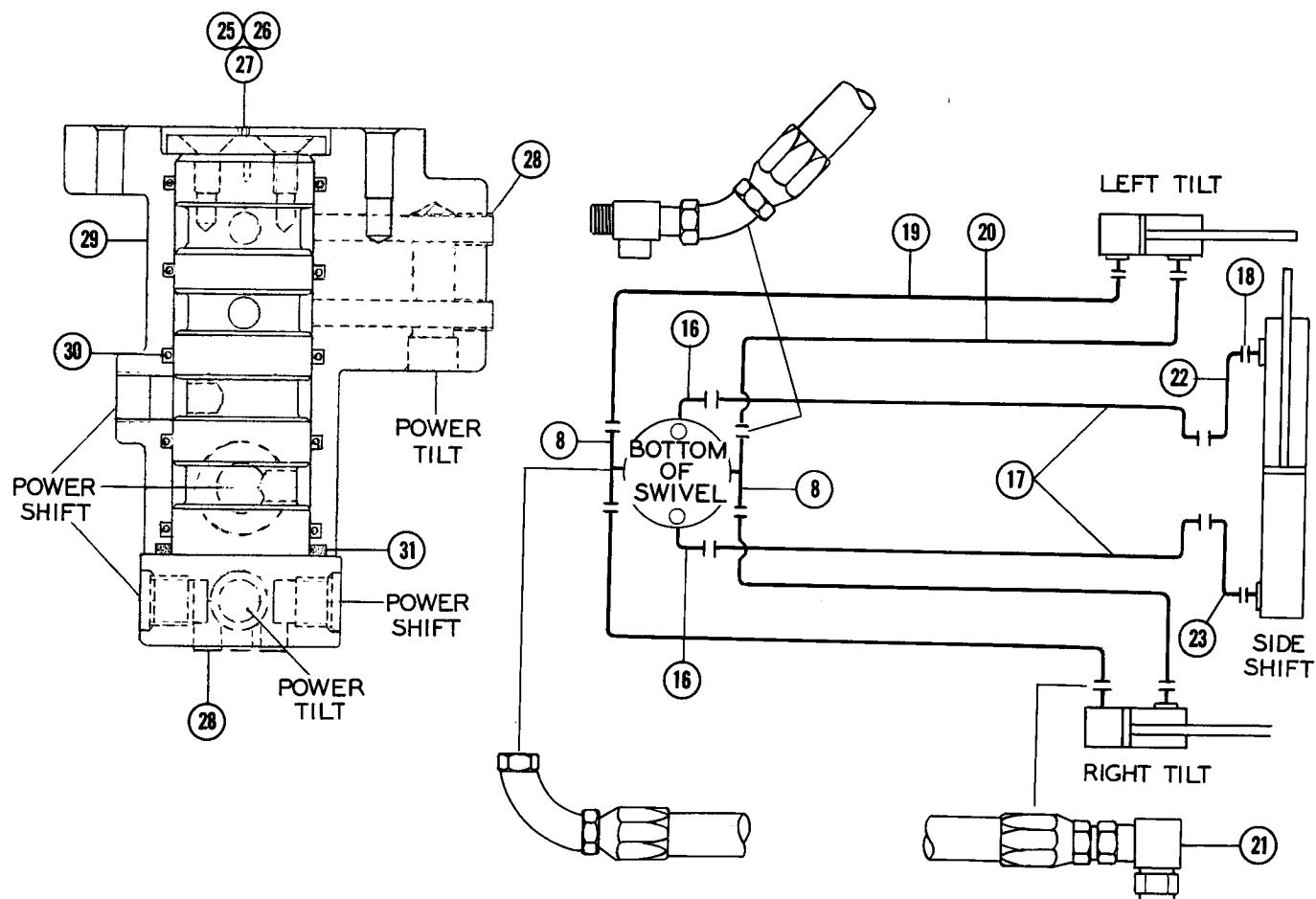
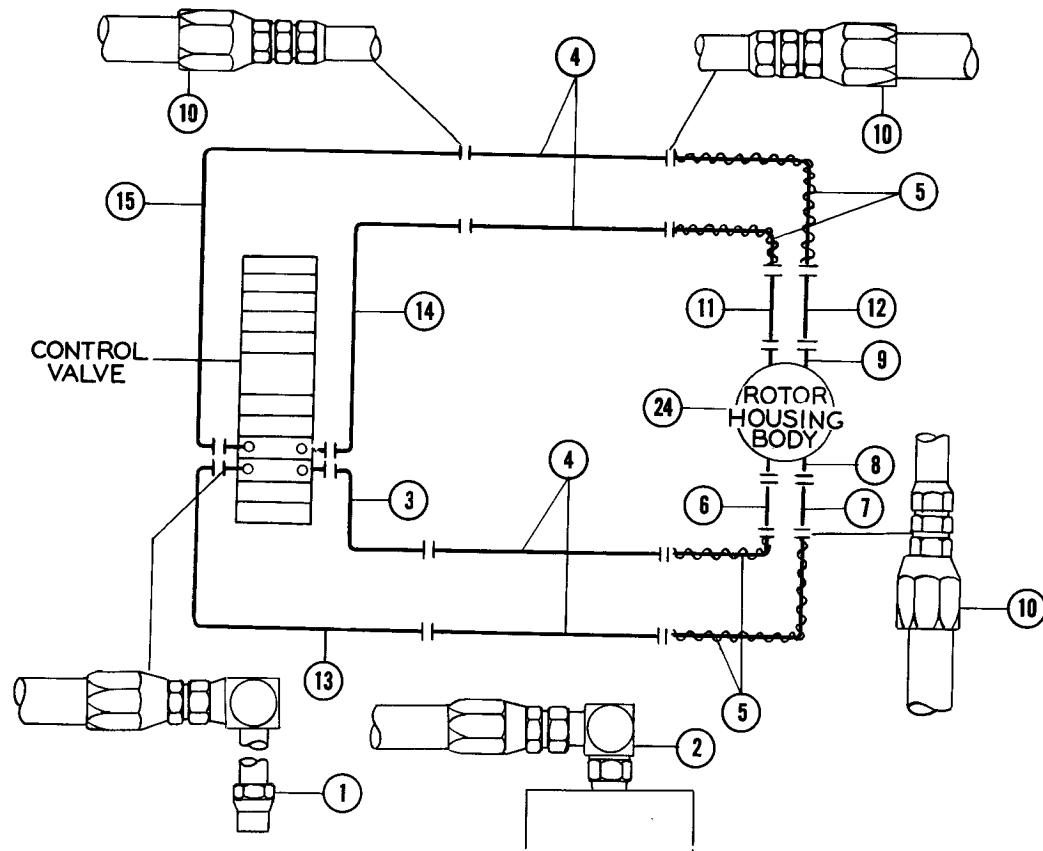


FIG. 4408

PIPING HYDRAULIC, MOLDBOARD, POWER SHIFT & TILT

Ref.	Part No.	Qty.	Description
1	VP3325	2	ELBOW - 90°
2	TH7589	2	ELBOW - 90°
3	VR3272	1	TUBE ASSY (1)/(3)
4	VR2757	1	TUBE ASSY (1)/(4)
5	VP3611	4	HOSE ASSY
6	VR2759	1	TUBE (1)
7	VR2758	1	TUBE (1)
8	TC8490	5	ELBOW - 90° (1) (QTY. 3 (2))
9	TR0455	1	ELBOW - 90°
10	VM3936	4	COUPLING
11	VR2763	1	TUBE
12	VR2764	1	TUBE ASSY
13	VR3271	1	TUBE ASSY (1)/(3)
14	VR2756	1	TUBE ASSY (1)/(4)
15	VR2761	1	TUBE ASSY (3)
16	VP2701	2	TEE (1)
17	VP2700	2	HOSE ASSY
18	TF6283	2	ADAPTER
19	VP5332	2	HOSE ASSY (1)
20	VP5333	2	HOSE ASSY (1)
21	TD9721	4	FITTING, ADAPTER (1)
22	407985	1	TRIBE, L.H.
23	407984	1	TRIBE, R.H.
24	VR0993	1	ROTOR ASSY (1)
25	VR2348	1	ROTOR ASSY (2)
26	VN8116	2	SCREW, MACHINE - 3/8"NC X 3/4"
27	VM1493	2	SCREW, MACHINE - 3/8"NC X 3/4"
28	57769	6	PLUG, PIPE - 1/4"NPt (1) (QTY. 2 (2))
29	R4288	1	PLUG, PIPE - 1/4"NPt (2)
30	729945	5	"O" RING
31	729866	1	BODY
	120694	1	CLAMP
	DC7524	1	SCREW, CAP - 5/16"NC X 7/8"
	VM1405	1	MASHER, LOCK - 3/8"
	TF6925	4	CLAMP
	NS	2	SCREW, CAP - 5/16"NC X 3/4"
	NS	2	MASHER, LOCK - 5/16"
	CD0296	2	(4) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS.
	CG5747	2	777BT SERIAL NO. 6884 AND LATER.
	NS	2	NO. 3904 AND LATER EXCEPT 3907 AND LATER.
	NS	2	666BT SERIAL NO. 6636 AND LATER. 777B SERIAL NO. 15288 AND LATER.
	NS	2	(3) EFFECTIVE WITH 666B SERIAL NO. 15288 AND LATER.
	NS	2	(2) EFFECTIVE WITH MANUAL TILT.
	NS	2	NOTE: (1) EFFECTIVE WITH POWER TILT.

FIGURE 4408 PIPING, HYD. - MOLDBOARD POWER SHIFT & TILT

PIPING HYDRAULIC-LATERAL SHIFT

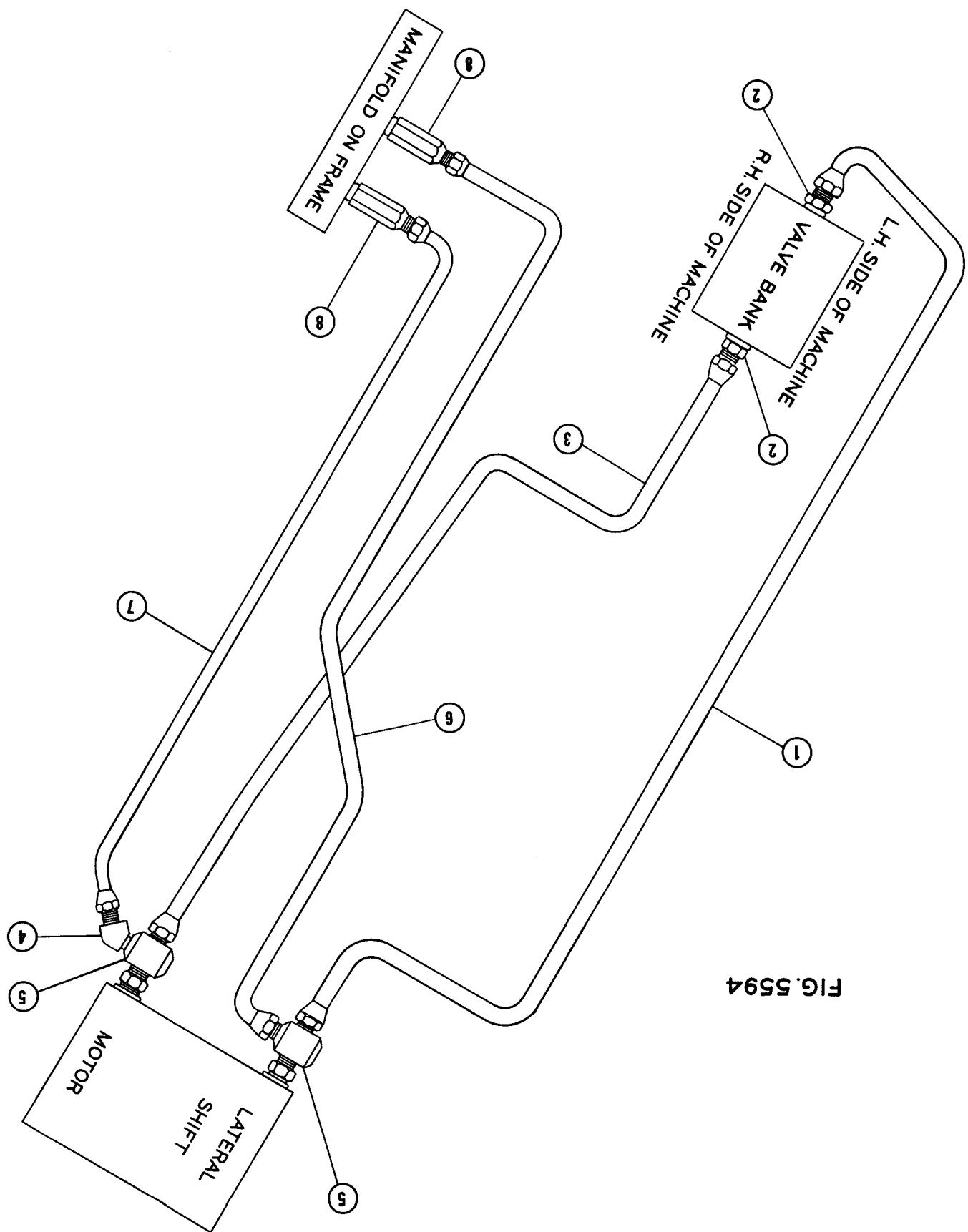


FIG. 5594

FIGURE 5594

PIPING, HYDRAULIC - LATERAL SHIFT

Ref. No.	Part No.	Qty.	Description
1	VR3044	1	TUBE (1)
	VR2750	1	TUBE (2)
2	TH7596	2	FITTING
3	VR3045	1	TUBE (1)
	VR2751	1	TUBE (2)
4	VH4145	2	FITTING - 45° ELBOW
5	VP4792	2	FITTING - 90° ELBOW
6	VR2510	1	TUBE
7	VR2510	1	TUBE (1)
	VR2522	1	TUBE (2)
8	VP4463	2	VALVE, CHECK
NOTE: (1) EFFECTIVE WITH 666B SERIAL NO. 15288 AND LATER. 666BT SERIAL NO. 6636 AND LATER. 777B SERIAL NO. 3904 AND LATER EXCEPT 3907 AND 3910. 777BT SERIAL NO. 6884 AND LATER.			
(2) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS.			

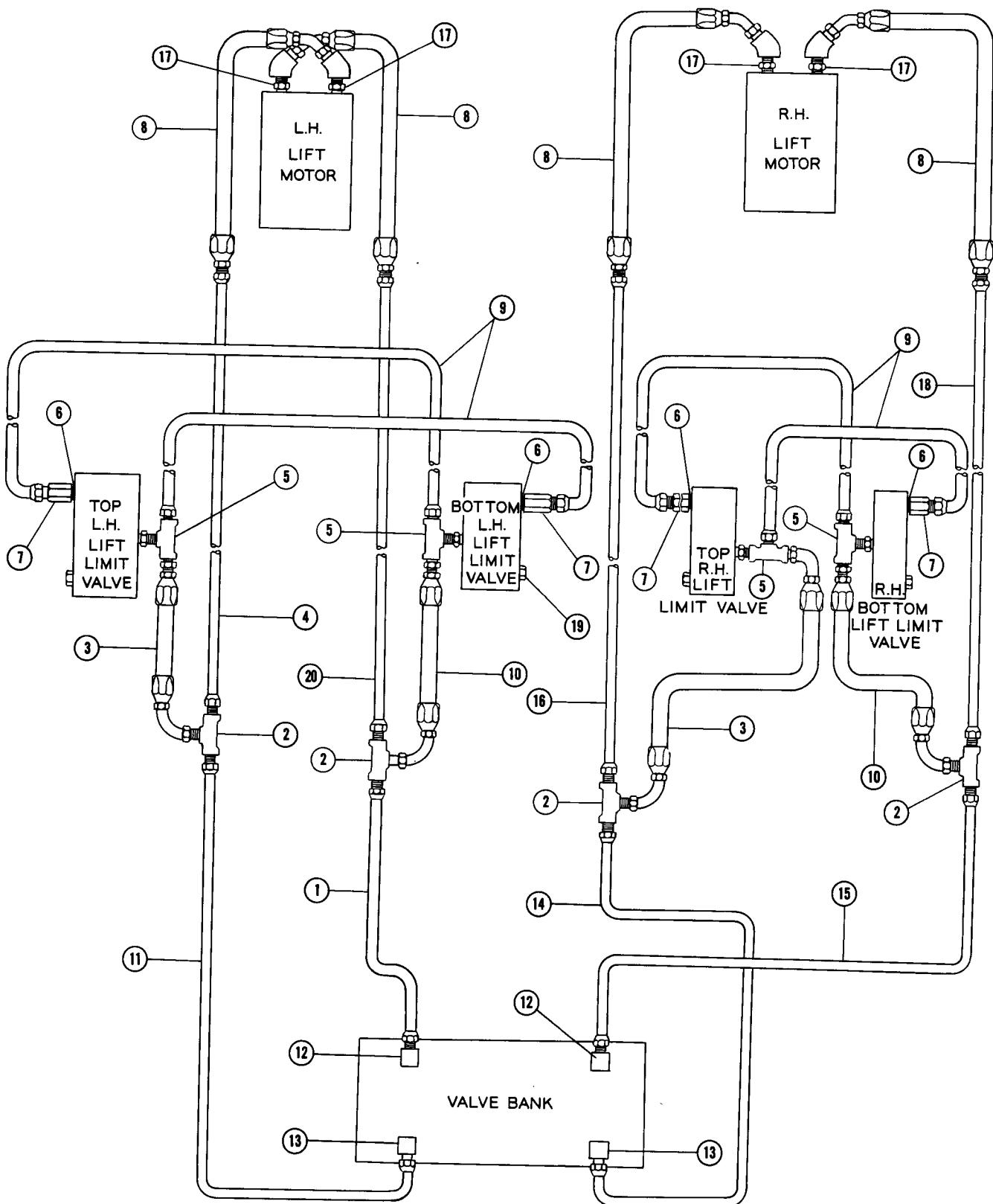


FIGURE 5596

PIPING, HYDRAULIC - LIFT R.H. & L.H.

Ref. No.	Part No.	Qty.	Description
1	VR3048	1	TUBE (1)
	VR2779	1	TUBE (2)
2	VP5391	4	FITTING, TEE
3	VP5393	2	HOSE
4	VR2781	1	TUBE
5	VP3439	4	FITTING, TEE
6	SV9812	4	"O" RING
7	VP2078	4	VALVE, CHECK
8	VP5392	4	HOSE
9	VR2342	4	TUBE
10	VP5394	2	HOSE
11	VR3049	1	TUBE (1)
	VR2778	1	TUBE (2)
12	TH7592	2	FITTING, 90° ELBOW
13	VP3343	2	FITTING, 90° ELBOW
14	VR3047	1	TUBE (1)
	VR2782	1	TUBE (2)
15	VR3046	1	TUBE (1)
	VR2783	1	TUBE (2)
16	VR2785	1	TUBE
17	VD4677	4	FITTING, 45° ELBOW
18	VR2784	1	TUBE
19	VM0315	4	PLUG, "O" RING
20	VR2780	1	TUBE
NS	VP5951	2	CLAMP, TUBE
NS	C1615	2	CAPSCREW - 1/2" - 13NC X 1 3/4"
NS	VM1454	2	LOCKWASHER - 1/2"
NS	724231	2	CLAMP
NS	121033	2	TIE, NYLON
NOTE:			
(1) EFFECTIVE WITH 666B SERIAL NO. 15288 AND LATER. 666BT SERIAL NO. 6636 AND LATER. 777B SERIAL NO. 3904 AND LATER EXCEPT 3907 AND 3910. 777BT SERIAL NO. 6884 AND LATER.			
(2) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS. ALSO USED ON EXCEPTIONS.			

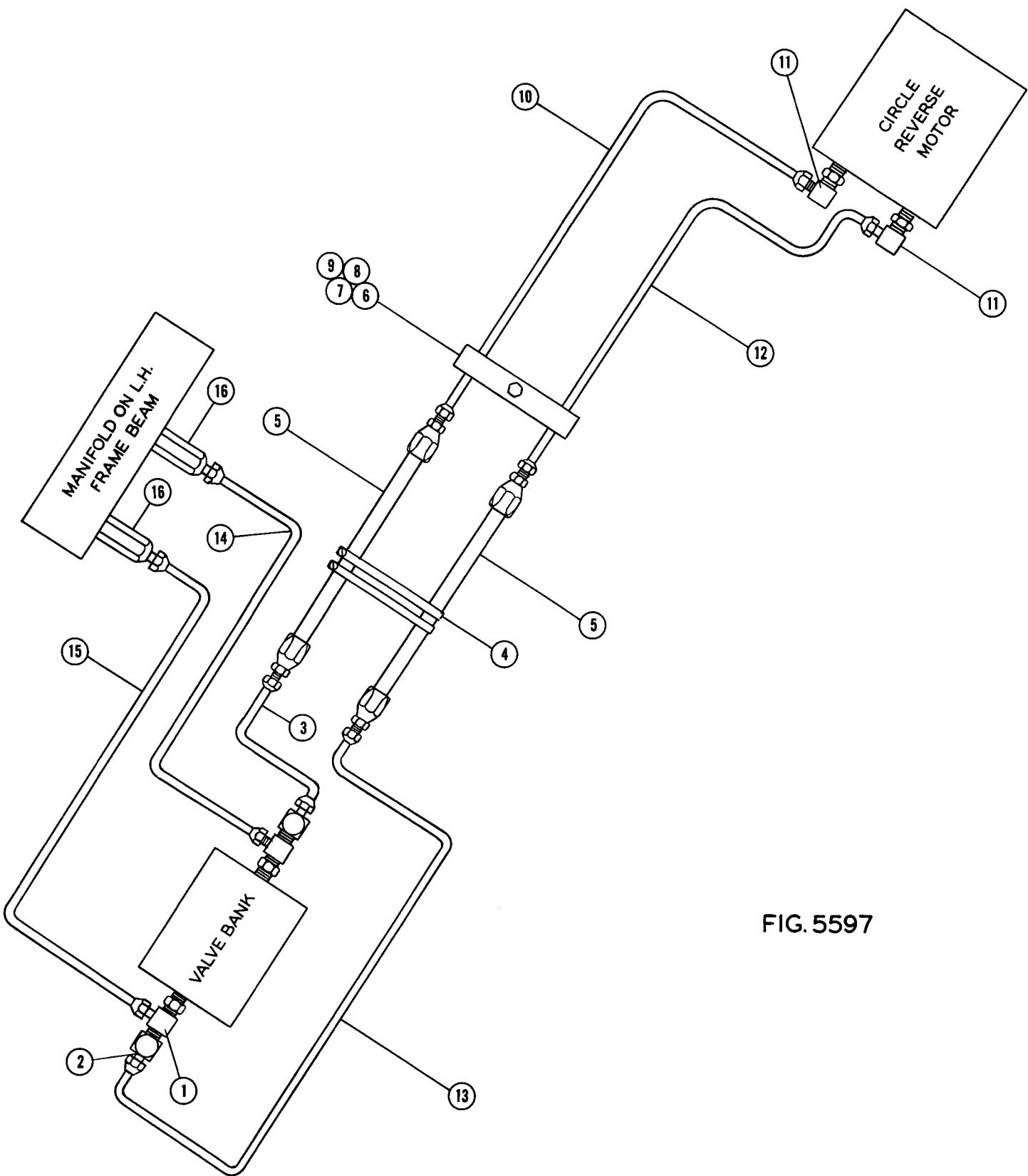


FIG. 5597

PIPING, HYD.-CIRCLE REVERSE

FIGURE 5597

PIPING, HYDRAULIC - CIRCLE REVERSE

Ref. No.	Part No.	Qty.	Description
1	VP3346	2	FITTING, ELBOW - 90°
2	VH4145	2	FITTING, ELBOW - 45° (1)
	VH0596	2	FITTING, ELBOW - 90° (2)
3	VR3042	1	TUBE (1)
	VR2774	1	TUBE (2)
4	726885	2	CLAMP
5	VP3609	2	HOSE
6	120694	3	CLAMP, TUBE (1)
	VP2825	2	CLAMP, TUBE (2)
7	720802	1	SPACER (2)
8	H9917	1	CAPSCREW - 3/8" - 16NC X 3 1/2" (1)
	H9918	1	CAPSCREW - 3/8" - 16NC X 4 1/2" (2)
9	VM1405	10	LOCKWASHER - 3/8"
10	VR2776	1	TUBE
11	VF7264	2	FITTING, ELBOW - 90°
12	VR2777	1	TUBE
13	VR3043	1	TUBE (1)
	VR2775	1	TUBE (2)
14	VR2510	1	TUBE
15	VR2510	1	TUBE (1)
	VR2511	1	TUBE (2)
16	VP4463	2	VALVE, CHECK
NS	VP2846	3	CLAMP, TUBE
NS	C1603	9	CAPSCREW - 3/8" - 16NC X 1 1/4"
			<p>NOTE: (1) EFFECTIVE WITH 666B SERIAL NO. 15288 AND LATER, 666BT SERIAL NO. 6636 AND LATER. 777B SERIAL NO. 3904 AND LATER EXCEPT 3907 AND 3910. 777BT SERIAL NO. 6884 AND LATER.</p> <p>(2) EFFECTIVE PRIOR TO SERIAL NUMBERS - ALSO USED ON EXCEPTIONS.</p>

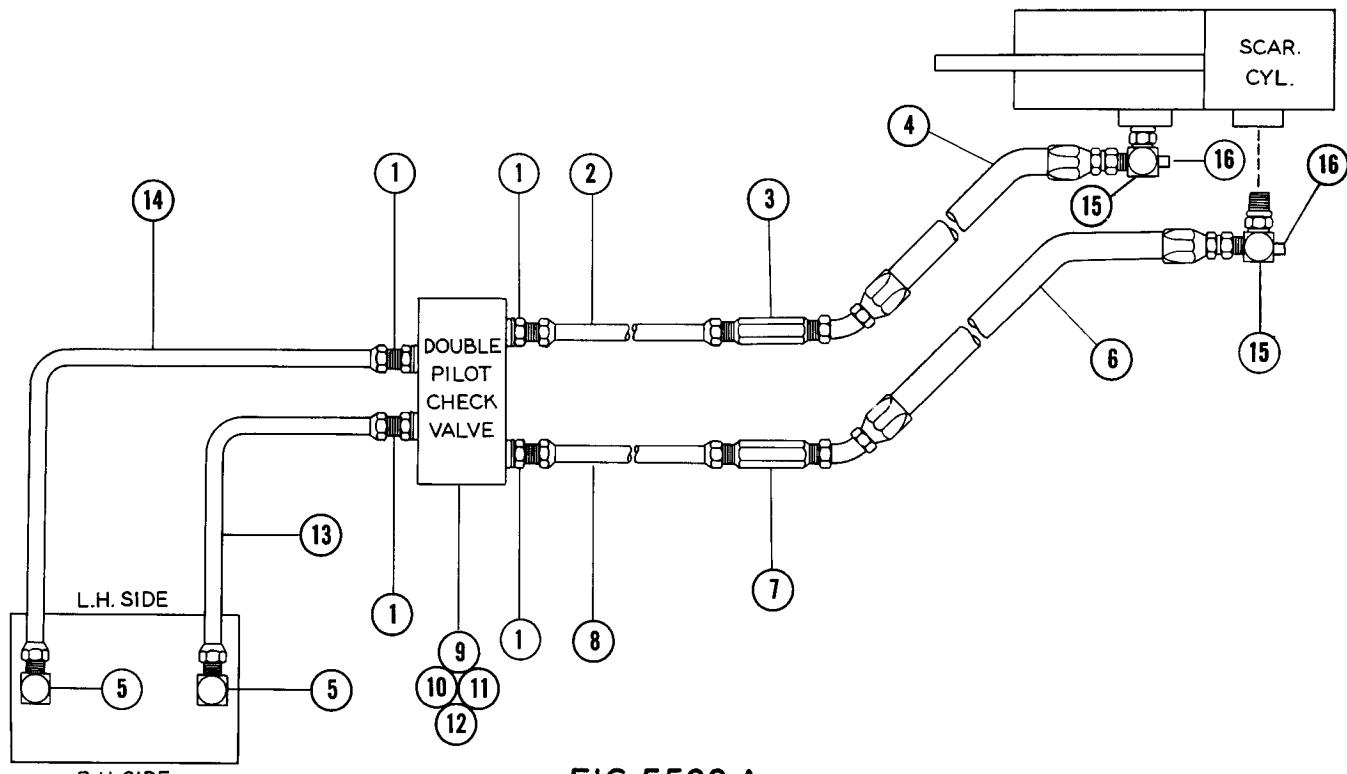


FIG.5598 A

PIPING HYDRAULIC-SCARIFIER

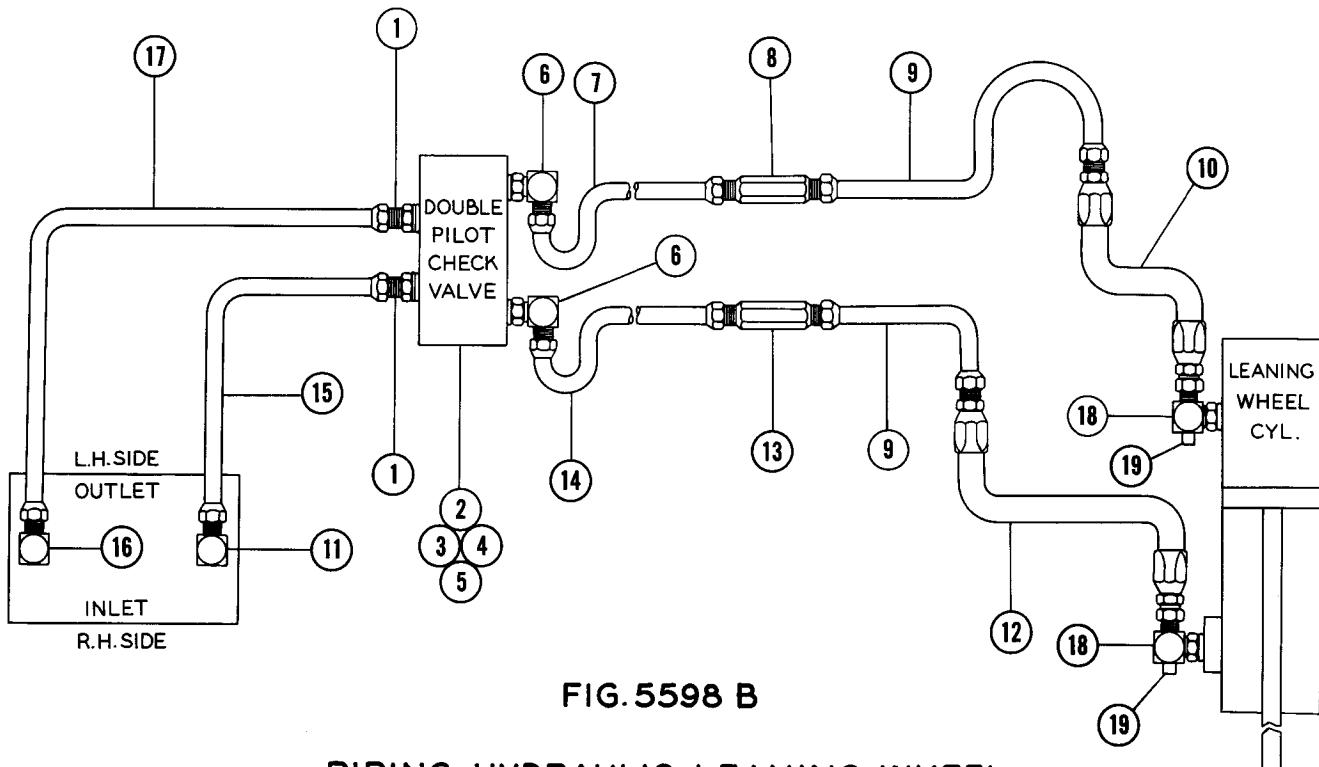


FIG. 5598 B

PIPING HYDRAULIC-LEANING WHEEL

FIGURE 5598A

PIPING HYDRAULIC - SCARIFIER

Ref. No.	Part No.	Qty.	Description
1	729768	4	FITTING
2	VR2803	1	TUBE ASSEMBLY
3	VP3134	1	VALVE, CHECK
4	VP3692	1	HOSE ASSEMBLY
5	TH7589	2	FITTING, 90°
6	VP3691	1	HOSE ASSEMBLY
7	VP3135	1	VALVE, CHECK
8	VR2804	1	TUBE ASSEMBLY
9	VP5140	1	PLATE, TAPPED
10	VM1405	2	LOCKWASHER - 3/8"
11	C1606	2	CAPSCREW - 3/8" X 2"
12	VP2123	1	VALVE, CHECK
13	VR2805	1	TUBE ASSEMBLY
14	VR2806	1	TUBE ASSEMBLY
15	VP6901	2	FITTING, ELBOW (1)
	TH7589	2	FITTING, ELBOW (2)
16	VP6825	2	VALVE, RELIEF (1)

FIGURE 5598B

PIPING, HYDRAULIC - LEANING WHEEL

1	729768	2	ADAPTOR
2	VP5140	1	PLATE, TAPPED
3	VM1405	2	LOCKWASHER - 3/8"
4	C1606	2	CAPSCREW - 3/8" X 2"
5	VP2123	1	VALVE, CHECK
6	729774	2	FITTING, ELBOW
7	VR2768	1	TUBE ASSEMBLY
8	VP3135	1	VALVE, CHECK
9	VR2767	2	TUBE ASSEMBLY
10	VP3654	1	HOSE ASSEMBLY
11	TH7589	1	FITTING, ELBOW
12	VP3653	1	HOSE ASSEMBLY
13	VP3134	1	VALVE, CHECK
14	VR2769	1	TUBE ASSEMBLY
15	VR2766	1	TUBE ASSEMBLY
16	VP3325	1	FITTING, ELBOW
17	VR2765	1	TUBE ASSEMBLY
18	VP6901	2	FITTING, ELBOW (1)
	TH7589	2	FITTING, ELBOW (2)
19	VP6825	2	VALVE, RELIEF

NOTE: (1) EFFECTIVE WITH 666B, SERIAL NO. 15384 AND LATER.
 666BT, SERIAL NO. 6649 AND LATER. 777B, SERIAL
 NO. 3965 AND LATER. ALSO NUMBERS 3937 AND 3940.
 777BT SERIAL NUMBER 6902 AND LATER.
 (2) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS.

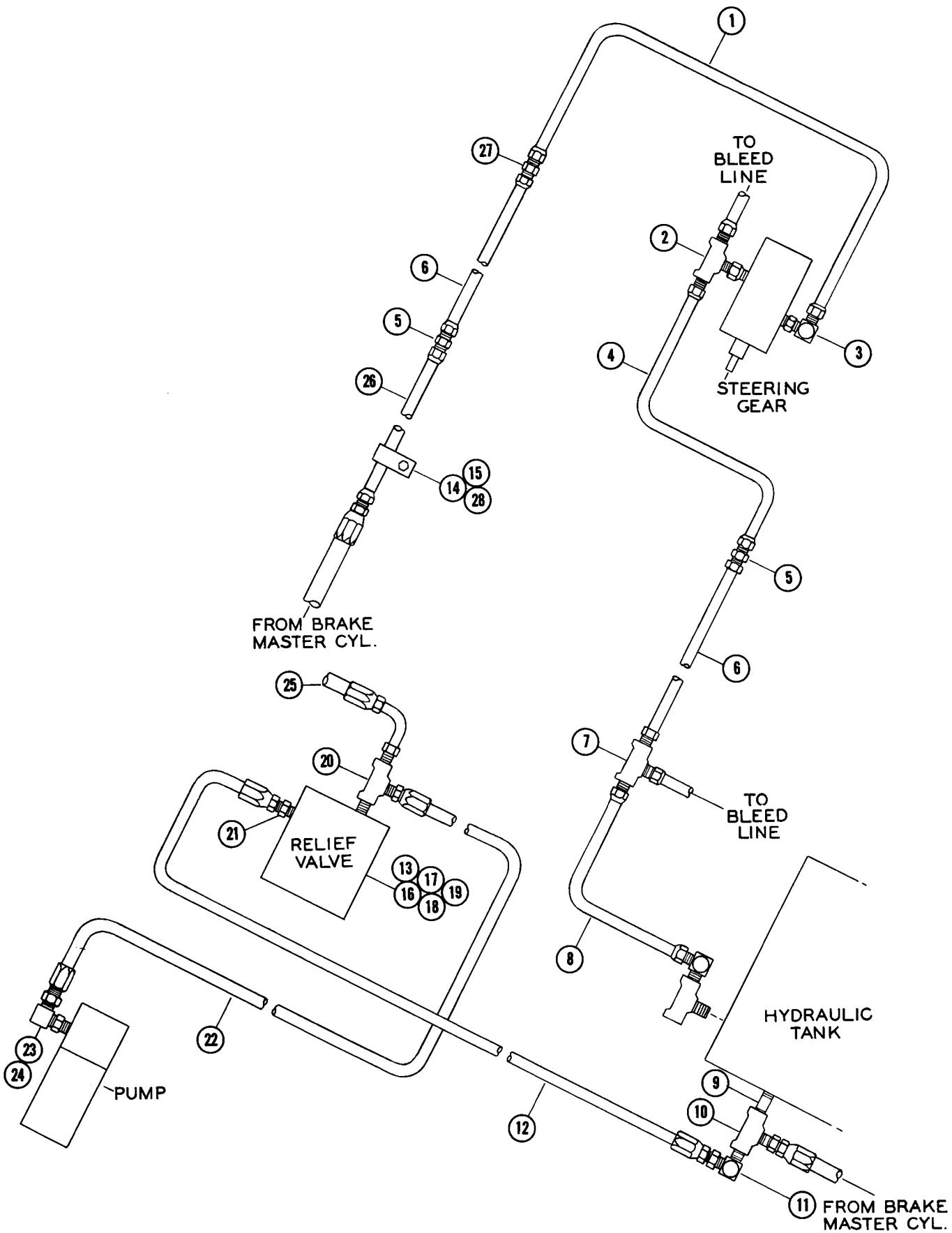


FIG. 4439

PIPING-HYDRAULIC STEERING

FIGURE 4439

PIPING, HYDRAULIC - STEERING (3)

Ref. No.	Part No.	Qty.	Description
1	VR2788	1	TUBE
2	VP5323	1	FITTING, TEE
3	VP4623	1	FITTING, 90° ELBOW
4	VR2789	1	TUBE
5	VM3936	2	COUPLING, TUBE
6	VR2787	1	TUBE
7	WA0286	1	TEE
8	VR2791	1	TUBE
9	425964	1	NIPPLE, PIPE
10	TG9867	1	TEE, PIPE
11	VP3477	1	FITTING, ELBOW
12	VP3617	1	HOSE
13	VP5399	1	VALVE, RELIEF
14	TR5365	3	CAPSCREW - 3/8NC X 1/2
15	CD0296	4	LOCKWASHER - 3/8
16	728873	1	CLAMP
17	C1606	2	CAPSCREW - 3/8NC X 2
18	VM1405	2	LOCKWASHER - 3/8
19	VR2636	1	BRACKET
20	VM3923	1	TEE
21	TF6283	1	ADAPTOR
22	VP5338	1	HOSE (1)
	VP5339	1	HOSE (2)
23	VP5316	1	FITTING, ELBOW
24	C5768	2	PLUG, PIPE
25	VP5321	1	HOSE
26	VR2786	1	TUBE
27	VM3924	1	COUPLING, TUBE
28	VN9907	1	CLAMP
NS	VP5322	2	CLAMP
NS	H8620	1	CAPSCREW - 5/16-18NC X 1 1/4
NS	E3735	1	FLATWASHER - 5/16"
NS	C1613	1	CAPSCREW - 1/2 - 13NC X 1 1/4
NS	VM1454	1	LOCKWASHER - 1/2
NS	CD0296	1	LOCKWASHER - 5/16
NOTE: (1) EFFECTIVE WITH 666B ONLY. (2) EFFECTIVE WITH 666BT ONLY. (3) EFFECTIVE WITH 666B PRIOR TO 15072 EXCEPT 15000, 15030, 15033, 15036, 15042, 15051, 15057 AND 15066. EFFECTIVE WITH 666BT PRIOR TO 6606 ALSO 6609 AND 6615.			
FOR LATER SERIAL NUMBERS SEE PAGE 88, FOR HYDRAULIC PUMP SEE INDEX.			

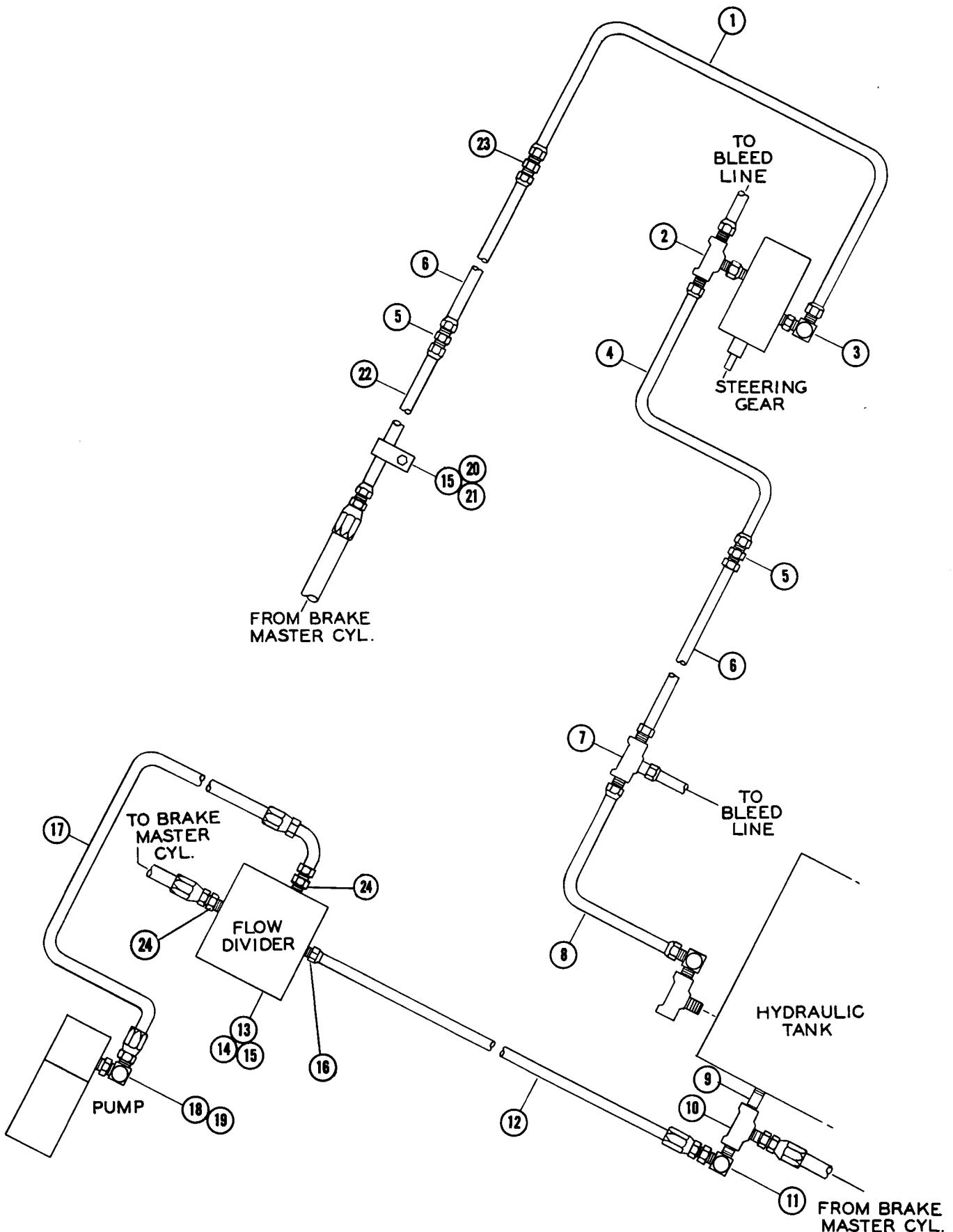


FIG. 5599

PIPING-HYDRAULIC STEERING

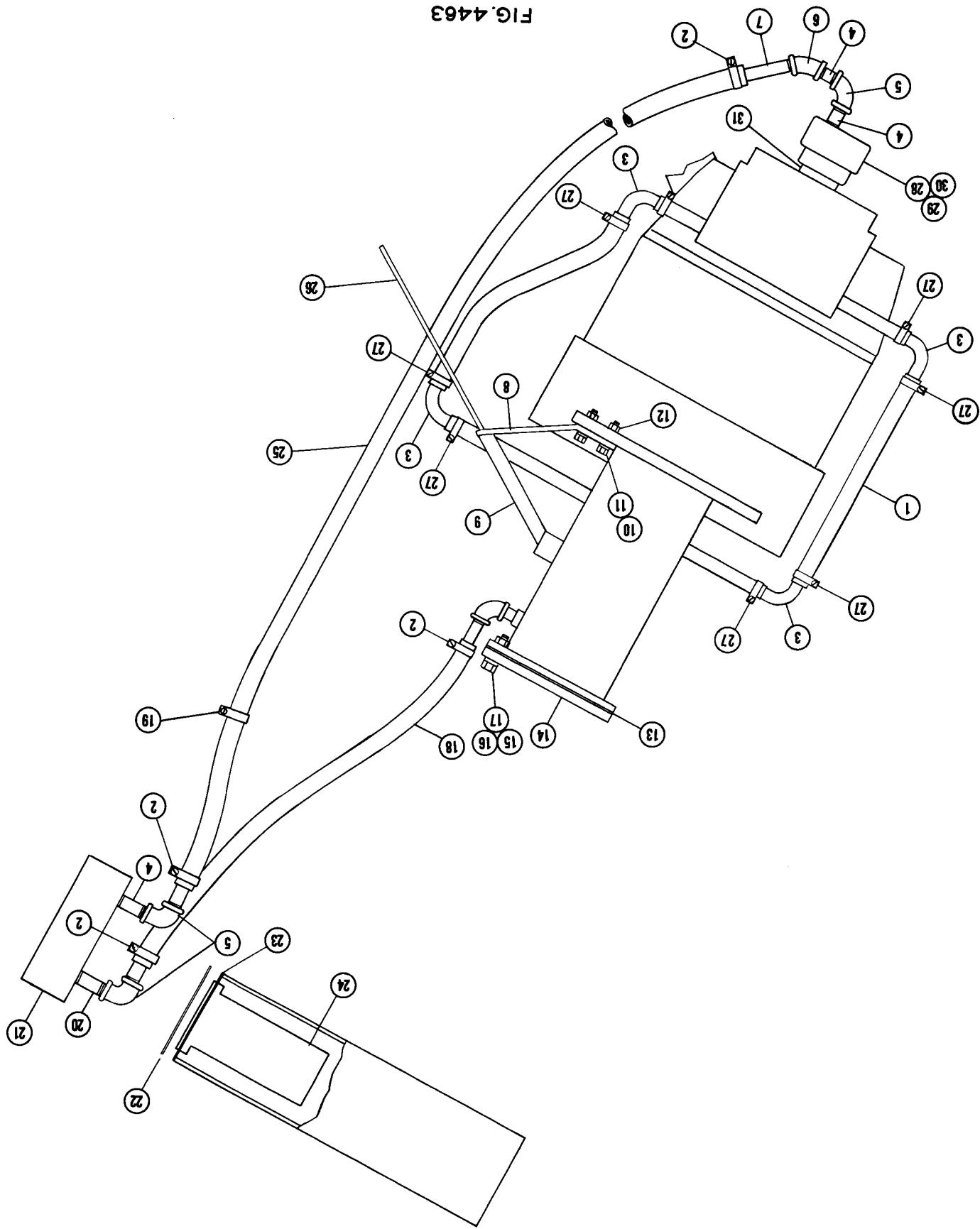
FIGURE 5599

PIPING - HYDRAULICS STEERING (3)

Ref. No.	Part No.	Qty.	Description
1	VR2788	1	TUBE ASSEMBLY
2	VP5323	1	FITTING, TEE
3	VP4623	1	FITTING, ELBOW
4	VR2789	1	TUBE ASSEMBLY
5	VM3936	2	TUBE, COUPLING
6	VR2787	2	TUBE ASSEMBLY
7	WA0286	1	FITTING, TEE
8	VR2791	1	TUBE ASSEMBLY
9	425964	1	NIPPLE
10	TG9867	1	PIPE, TEE
11	VP3477	1	FITTING, ELBOW
12	VP3617	1	HOSE
13	VP5065	1	FLOW CONTROL VALVE
14	H9911	1	CAPSCREW - 5/16" X 2 1/2"
15	CD0296	2	LOCKWASHER - 5/16"
16	729768	1	ADAPTOR
17	VP5338	1	HOSE (USED WITH VP4364 & PUMP)
	VP7005	1	HOSE (USED WITH VP7008 PUMP) (1)
	VP5339	1	HOSE (USED WITH VP4461 PUMP) (2)
	VP7004	1	HOSE (USED WITH VP7007 PUMP) (2)
18	C5768	2	PIPE PLUG
19	VP5316	1	FITTING, ELBOW
20	TR5365	1	CAPSCREW - 5/16" X 1/2"
21	VN9907	1	CLAMP
22	VR2786	1	TUBE ASSEMBLY
23	VM3934	1	TUBE COUPLING
24	729774	2	ADAPTOR
NS	VP5322	2	CLAMP
NS	H8620	1	CAPSCREW - 5/16" X 1 1/4"
NS	E3735	1	FLATWASHER - 5/16"
NS	C1613	1	CAPSCREW - 1/2" X 1 1/4"
NS	VM1454	1	LOCKWASHER - 1/2"
NS	CD0296	1	LOCKWASHER - 5/16"
NOTE: (1) EFFECTIVE WITH 666B AND 777B ONLY. (2) EFFECTIVE WITH 666BT AND 777BT ONLY. (3) EFFECTIVE WITH 666B SERIAL NUMBER 15072 AND LATER. ALSO 15,000, 15030, 15033, 15036, 15042, 15051, 15057 AND 15066.			
666BT SERIAL NUMBER 6606 AND LATER, EXCEPT 6609 AND 6615.			
FOR HYDRAULIC PUMP SEE INDEX.			

PIPING-OIL CLUTCH COOLING

FIG. 4463



(Used with oil clutch)

NOTE: (3) EFFECTIVE WITH CUMMINS ENGINE.
 (4) EFFECTIVE WITH GM ENGINE.

Ref.	Part No.	Qty.	Description
1	122220	2	TUBE (3)
2	122221	2	TUBE (4)
3	122219	4	ELBOW
4	723428	4	NIPPLE, CLOSE
5	720257	4	ELBOW - 3/4" NPT X 90°
6	52659	1	ELBOW - 3/4" NPT X 45°
7	720567	4	PIPE
8	VR1626	1	BRACKET, DIPSICK
9	VR1627	1	TUBE, DIPSICK
10	C 5751	1	SCREW, CAP - 3/8" - 16NC X 2 1/2"
11	C 312	1	SCREW, CAP - 3/8" - 16NC X 2 1/2"
12	C 1521	1	NUT - 3/8" - 16NC
13	122141	1	GASKET
14	122140	1	COVER
15	C 1603	14	SCREW, CAP - 3/8" - 16NC
16	VM405	14	WASHER, LOCK - 3/8"
17	C 1521	14	SCREW, CAP - 3/8" - 16NC
18	725465	1	HOSE, SUCTION
19	TC6058	1	CLAMP, HOSE
20	723100	1	NIPPLE
21	662879	1	MANIFOLD, OIL
22	122241	1	GASKET
23	122536	1	GASKET
24	122305	1	COOLER, OIL
25	723120	1	HOSE, SUCCTION
26	122218	1	STICK, DIP
27	HC469	8	CLAMP, HOSE
28	122157	1	PUMP (See Index)
29	920044	2	CAPSCREW - 3/8" - 16NC X 1 1/4"
30	923523	2	LOCKWASHER - 3/8"
31	122158	1	GASKET

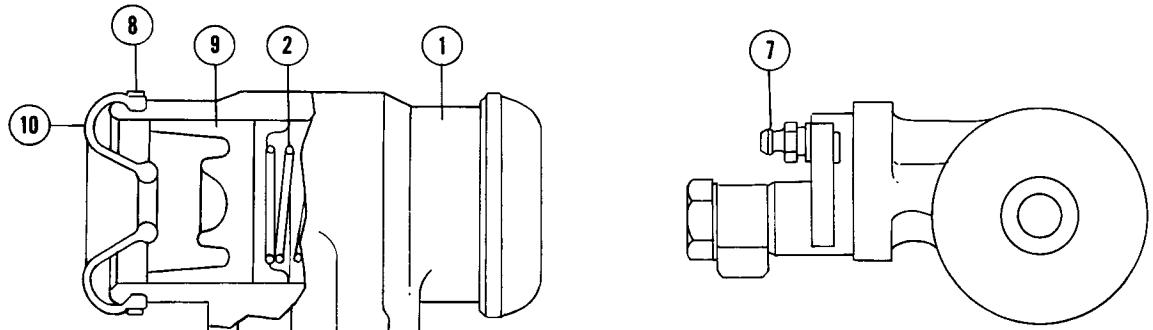


FIG. 5683 A

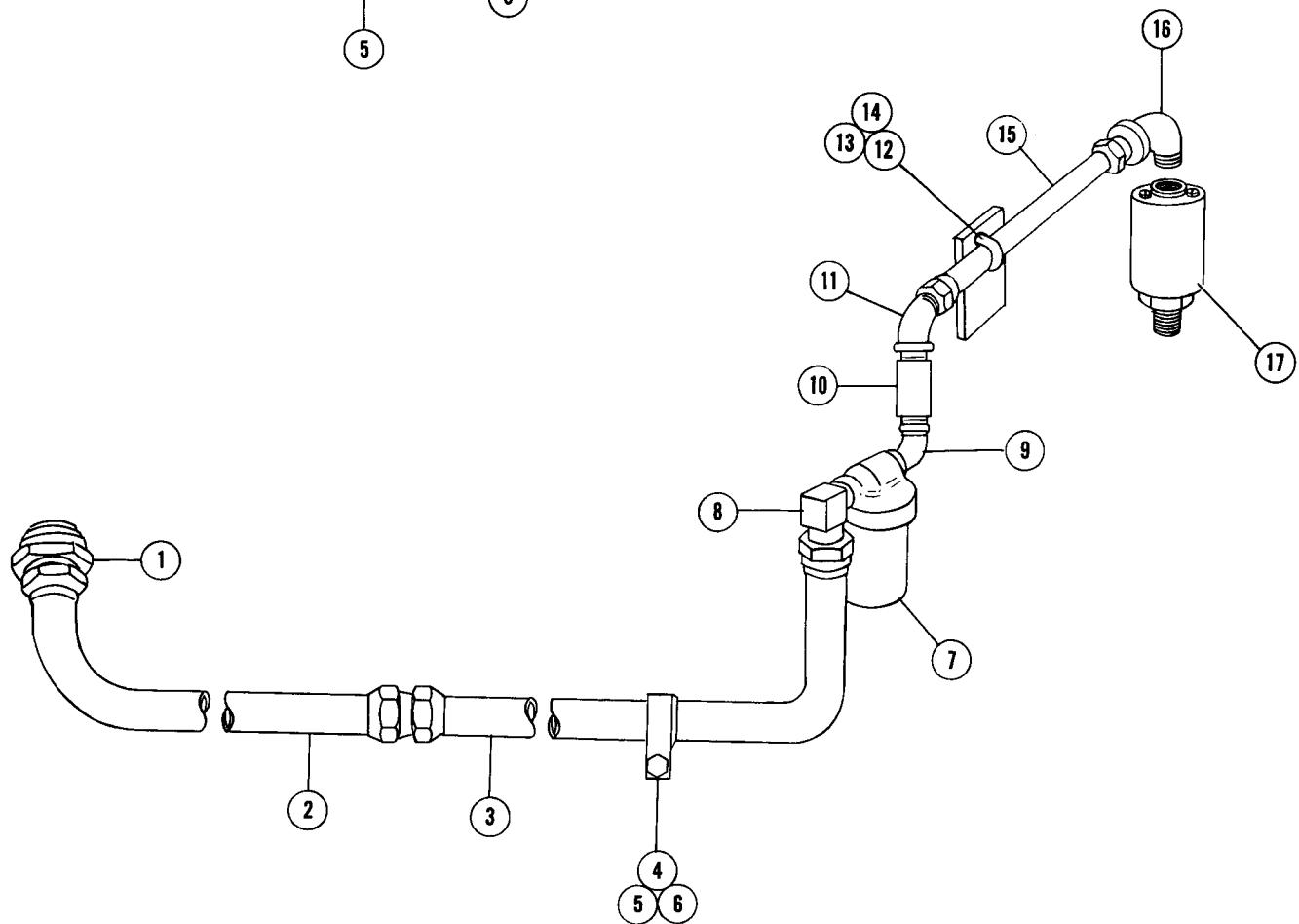
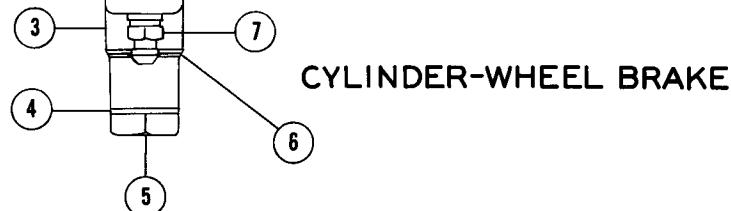


FIG. 5683 B

PIPING-HYDRAULIC SUPERCHARGER CIRCUIT

FIGURE 5683A

CYLINDER - WHEEL BRAKE

Ref. No.	Part No.	Qty.	Description
1	VP3818	4	CYLINDER, WHEEL (USED WITH HYDRAULIC BRAKES)
	VP5324	4	CYLINDER, WHEEL (USED WITH POWER BRAKES)
2	471708	4	SPRING, PISTON RETURN
3	471712	4	FITTING, INLET
4	471714	4	GASKET, BOLT
5	471715	4	BOLT, INLET FITTING
6	471713	4	GASKET, INLET FITTING
7	471711	4	SCREW, BLEEDER
8	471710	8	STRAP, BOOT
9	471701	8	PISTON
10	VP0363	1	KIT (2 CUPS & 2 BOOTS AS REQ. FOR ONE WHEEL CYLINDER) (POWER BRAKES)
	475088	1	KIT (2 CUPS & 2 BOOTS AS REQ. FOR ONE WHEEL CYLINDER) (HYDRAULIC BRAKES)

FIGURE 5683B

PIPING, HYD. - SUPERCHARGER CIRCUIT

1	R0900	1	ELBOW, STREET
2	VR2844	1	HOSE ASSY
3	VR2631	1	TUBE ASSY
4	720462	1	CLAMP
5	CDO296	1	WASHER, LOCK - 5/16"
6	TR5365	1	SCREW, CAP - 5/16" - 18NC X 1/2"
7	VP2091	1	FILTER
8	TD9747	1	ADAPTOR
9	S2916	1	ELL, ST.
10	VP3128	1	VALVE, CHECK
11	TD9738	1	ADAPTOR
12	VP3140	1	U-BOLT
13	VM1404	1	WASHER, LOCK - 1/4"
14	C5780	1	NUT, HEX - 1/4" - 20NC
15	500584	1	TUBE ASSY
16	TD5557	1	FITTING
17	VP5100	1	VALVE, RELIEF (USED WITH CUMMINS ENGINE)

HYDRAULIC RETURN LINES

FIG. 5600

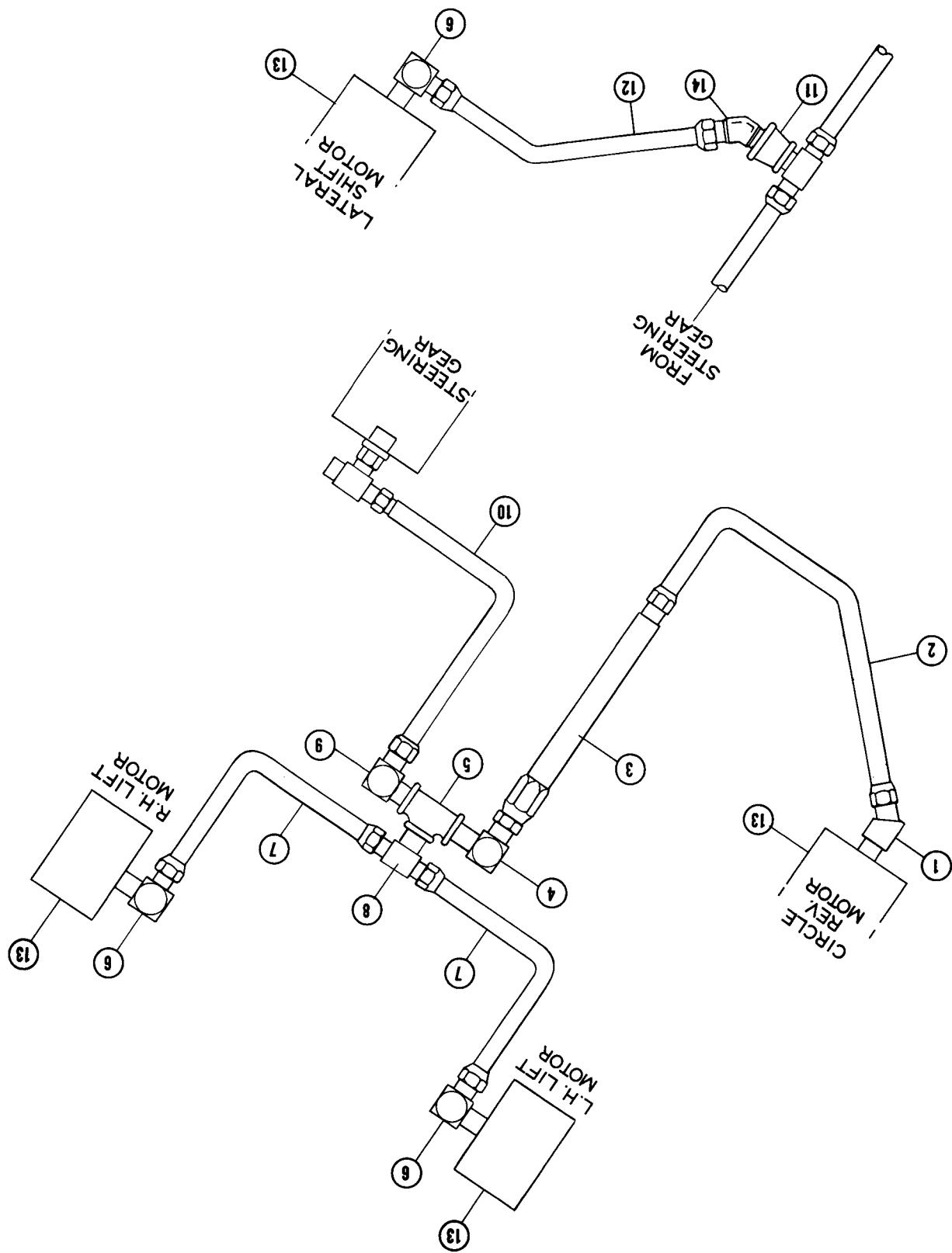


FIGURE 5600

HYDRAULIC RETURN LINES

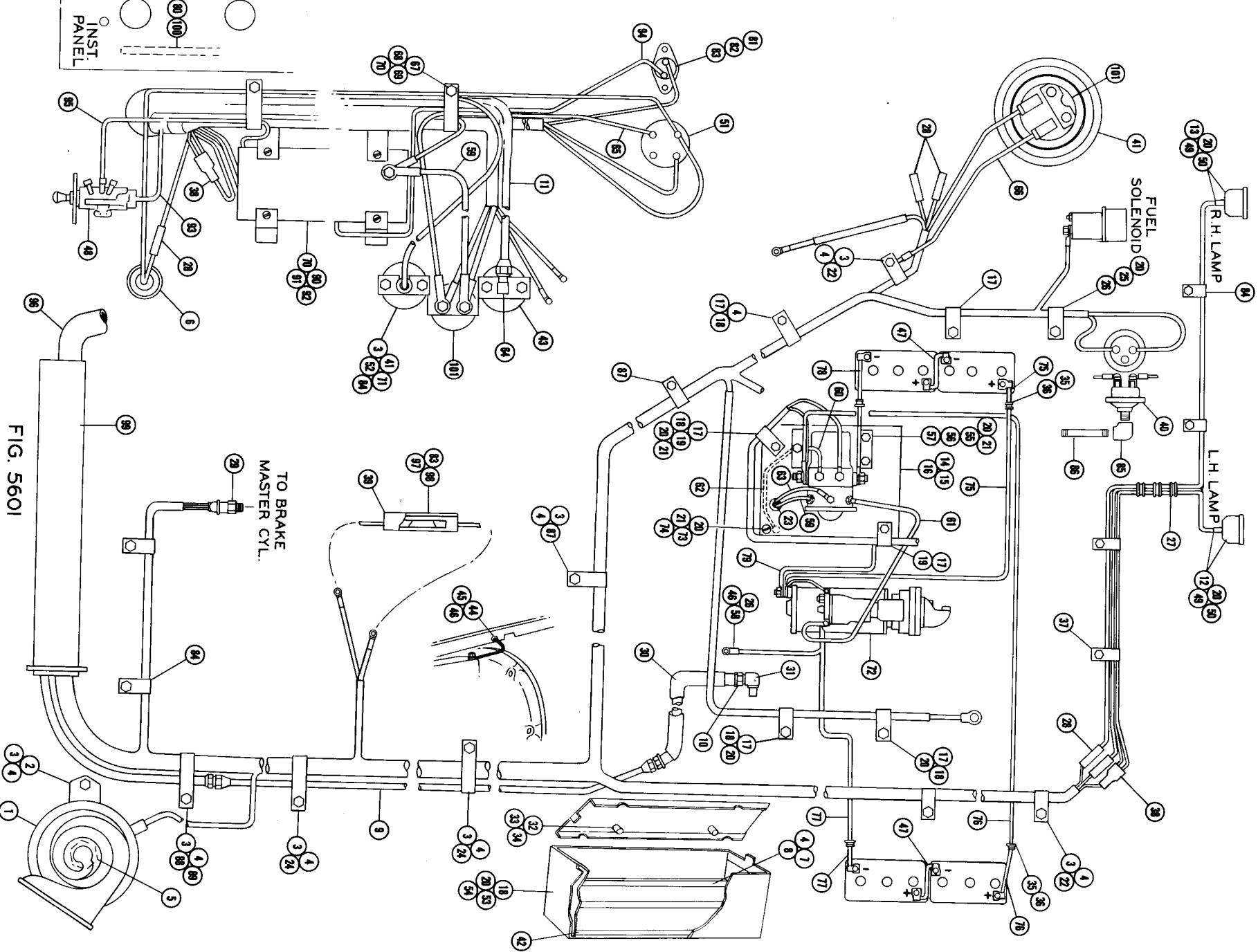
Ref. No.	Part No.	Qty.	Description
1	VH4145	1	FITTING - 45° ELBOW
2	VR2812	1	TUBE
3	VR1993	1	HOSE ASSY
4	DL2676	12	FITTING - 90° ELBOW
5	DG0345	1	TEE
6	VH0596	3	FITTING, 90° ELBOW
7	VR1917	2	TUBE
8	VP3362	1	TEE
9	VM3902	1	FITTING, 90° ELBOW
10	VR2792	1	TUBE
11	SC4947	1	COUPLING, REDUCING (1)
12	VR2522	1	TUBE
13	VP0803	1	MOTOR, HYDRAULIC (SEE INDEX)
14	VH4145	1	FITTING - 45° ELBOW
NOTE: (1) EFFECTIVE WITH 666B PRIOR TO SERIAL NO. 15288 666BT PRIOR TO SERIAL NO. 6636. 777B PRIOR TO SERIAL NO. 3904. ALSO 3907 AND 3910. 777BT PRIOR TO SERIAL NO. 6884.			

Ref.	Part No.	Qty.	Description	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	
1	724093	2	LIGHT, TAIL	49	DG3939	4	SCREW, MACHINE-1/4"-20NC X 1	2	VM1404	4	LOCKWASHER - 1/4"
2	VN2882	4	JAM NUT - 1/4" - 20	50	921671	4	LOCKNUT - 1/4" - 20NC	3	407439	4	PLUG & WIRE
4	4P2565	5	CLAMP	51	720296	4	BUMPER, BATTERY	5	422803	3	GROMMET
5	407462	2	CLAMP	52	427288	1	CLAMP	6	407438	1	PLUG & WIRE
6	720730	2	"Y" CONNECTOR	53	VM1401	3	SCREW, MACHINE - #8-32NC	7	422882	1	NUT - #8-32NC
8	720462	2	CLAMP	54	VN9725	1	LOCKWASHER - #8	9	424243	3	CLAMP
10	42822	1	"Y" CONNECTOR	55	720759	1	SLEEVE	11	428211	5	CONNECTOR
12	TR5365	9	CAPSCREW - 5/16"-18NC X 1/2"	56	404570	1	PIPE	13	CD296	12	LOCKWASHER - 5/16"
13	720382	2	RUSHING, SNAP	57	486635	1	TUBE	15	720381	1	SWITCH, STOP LIGHT
14	720381	2	RUSHING, INSULATING	58	122030	1	HORN	16	725059	1	SWITCH, STOP LIGHT
15	400826	1	CABLE, BATTERY POSITIVE	59	122031	1	BASKET	17	728494	1	CABLE, BATTERY CONNECTOR
16	725059	1	CABLE, BATTERY CONNECTOR	60	122032	1	NUT	18	42822	1	CABLE, BATTERY GROUND
17	720382	2	RING, SNAP	61	122030	1	CD296	19	728494	1	MOTOR, CRANKING
18	400826	1	CABLE, BATTERY CONNECTOR	62	486635	1	723953	1	723953	1	SWITCH, LIGHT
19	728494	1	CABLE, BATTERY CONNECTOR	63	VP1285	1	723953	1	723953	1	SWITCH, INDICATOR
20	728494	3	CAPSCREW - 5/16"-18NC X 1 3/4"	64	VP1285	1	723953	1	723953	1	SWITCH, LIGHT
21	SR9581	1	LOCKWASHER - 5/8"	65	VP5369	1	723953	1	723953	1	SWITCH, LIGHT
22	725947	1	GASKET	66	VP5360	1	723953	1	723953	1	SWITCH, LIGHT
23	5P0584	1	BUSHING, PIPE	67	VP5362	1	723953	1	723953	1	SWITCH, LIGHT
24	621059	2	ELBOW	68	VP5362	1	723953	1	723953	1	SWITCH, LIGHT
25	726024	1	LINE, FLEX	69	VP5362	1	723953	1	723953	1	SWITCH, LIGHT
26	407021	1	LOOM	70	VP5356	2	FUSE	27	427397	5	CLAMP
27	726024	1	LINE, FLEX	71	729191	2	CLAMP	28	SR6310	1	CAPSCREW - 7/16"-14NC X 3/4"
28	VM1406	1	LOCKWASHER - 7/16"	72	DF3445	2	FUSE	29	728992	1	LOCKWASHER - 7/16"
29	728992	1	LOCKWASHER - 7/16"	73	VM1402	8	LOCKWASHER - #10	30	720301	1	SWITCH, OIL PRESS (1)/(2)
30	720301	1	NIPPLE, PIPE	74	DF0017	8	NUT - #10	31	722715	1	REDUCER, PIPE
31	722715	1	REDUCER	75	VP5040	1	BLOCK, FUSE	32	722974	1	SWITCH, OIL PRESSURE
32	722974	1	REDUCER	76	7G1929	6	SCREW, MACHINE - #10-24NC X 1/2	33	728992	1	GAUGE, ENGINE OIL PRES (1)/(2)
33	728992	1	SWITCH, OIL PRESSURE	77	VP5357	1	LINE, FLEX	34	VZ1813	1	GAUGE, ENGINE OIL PRES (1)/(2)
34	VZ1813	1	METER, HOUR	78	728251	1	CABLE	35	722975	1	DALENEER
35	722975	1	DALENEER	79	407413	1	FUSE	36	423336	1	CLAMP
36	423336	1	CLAMP	80	726485	1	ELBOW	37	TD0794	2	CAPSCREW - 5/16"-18NC X 3/4"
37	TD0794	2	CAPSCREW - 5/16"-18NC X 3/4"	81	72847	1	AMMETER	38	762568	2	CLAMP
38	762568	2	CLAMP	82	72528	1	GAUGE, ENGINE TEMP.	39	723574	1	STRAPE, GROUND
39	723574	1	STRAPE, GROUND	83	723540	1	GAUGE, ENGINE TEMP.	40	SD2582	2	LOCKWASHER - 5/16"
40	SD2582	2	LOCKWASHER - 5/16"	84	VR2645	1	COVER	41	SD2584	1	LOCKWASHER - 3/8"
41	SD2584	1	LOCKWASHER - 3/8"	85	729623	2	CLIP	42	401075	1	CLAMP, BATTERY
42	401075	1	CLAMP, BATTERY	86	728750	1	CABLE	43	723514	2	NUT - 5/16"-18NC
43	723514	2	NUT - 5/16"-18NC	87	VP5361	1	HORN, BUTTON	44	VM1405	1	LOCWKASHER - 3/8"
44	VM1405	1	LOCWKASHER - 3/8"	88	4P2478	1	SWITCH, KEY	45	C1547	4	FLATWASHER - 3/8"
45	C1547	4	FLATWASHER - 3/8"	89	SG2108	2	SCREW - #8 - 32NC X 1/2"	46	C1547	4	CAPSCREW - 3/8"-16NC X 3/4"
46	C1547	4	CAPSCREW - 3/8"-16NC X 3/4"	90	724158	1	SWITCH, INDICATOR (OIL CLUTCH)	47	C1601	4	BOX, BATTERY
47	C1601	4	BOX, BATTERY	91	122167	1	SWITCH, INDICATOR (OIL CLUTCH)				

NOTE: (1) EFFECTIVE WITH OIL CLUTCH.
(2) EFFECTIVE WITH TORQUE CONVERTER.

ELECTRICAL GENERAL (CUMMINS)

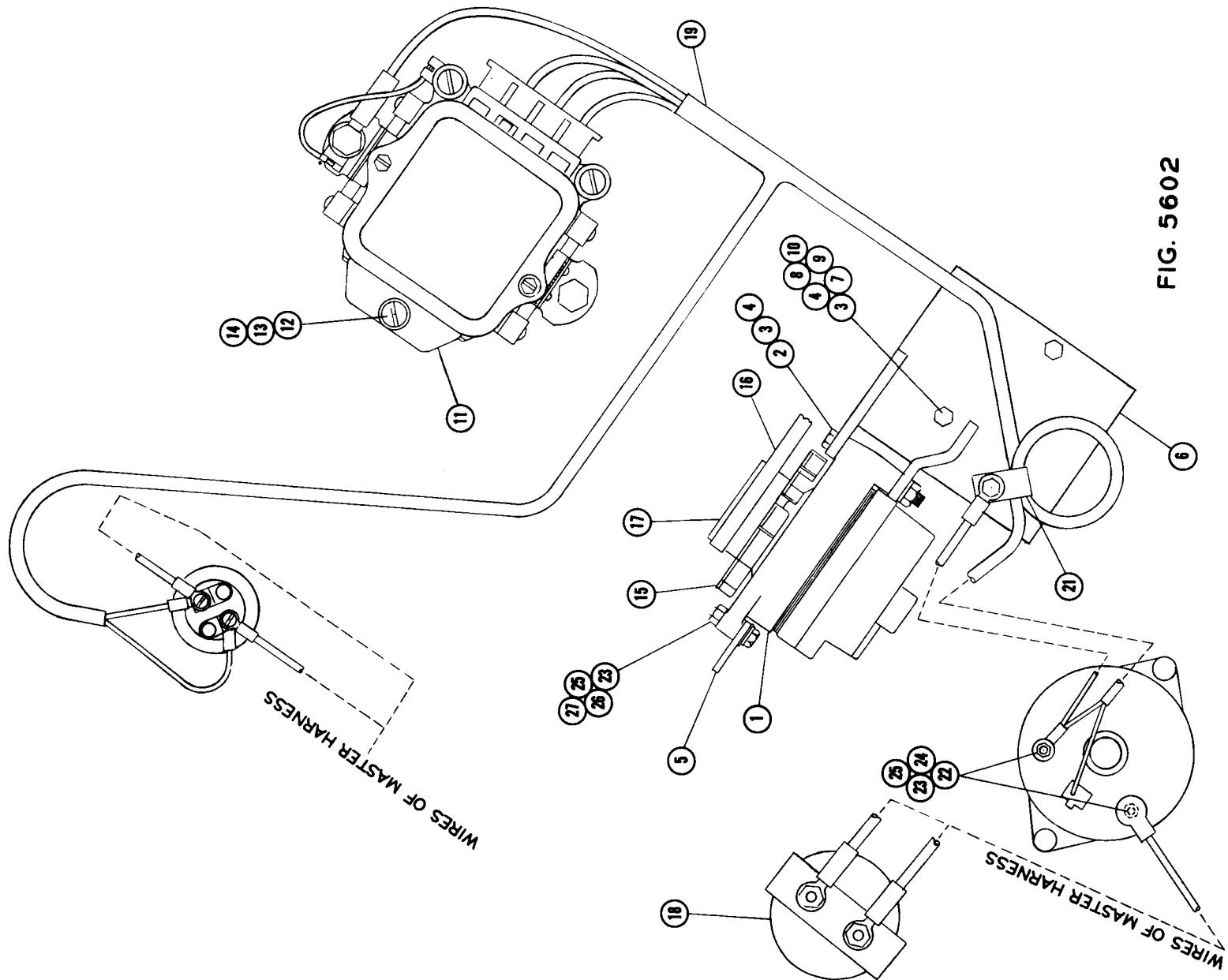
FIG. 5601



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	122030	1	HORN	51	724158	1	SWITCH, STARTER
2	122031	1	BRAKE	52	724231	1	CLAMP, HOSE
3	TR5365	8	CAPSCREW-5/16"-18NC X 1/2"	53	725903	2	BOX, BATTERY
4	CQD296	13	LOCKMASHER - 5/16"	54	C1547	8	WASHER, FLAT - 3/8"
5	122032	1	NUT	55	728238	1	SWITCH, SERIES PARALLEL
6	401075	1	LAMP, INDICATOR	56	TD1809	3	CAPSCREW - 1/4"-20 X 3/4"
7	122301	1	CAPSCREW - 1/4"-20 X 3/4"	57	S202583	2	LOCKMASHER, SHAKEROOF - 1/4"
8	C1520	4	NUT - 5/16" - 18NC	58	728249	1	CABLE
9	404570	1	TUBE	59	728252	1	CABLE
10	405034	1	LINE, FLEXIBLE	60	728252	1	CABLE
11	407413	1	LINE, FLEXIBLE	61	728253	1	CABLE
12	407438	1	PLUG AND WIRE	62	728254	1	CABLE
13	TF1143	2	CAPSCREW-9/16"-18NF X 2 1/2"	63	728255	1	CABLE
14	407521	1	PLUG AND WIRE	64	728747	1	ELBOW
15	VM1407	2	CAPSCREW-9/16"	65	728750	1	CABLE
16	VM1407	2	LOCKMASHER - 9/16"	66	728992	1	CABLE
17	422436	6	CLAMP	67	729191	2	CLAMP
18	TD1809	1	CAPSCREW-1/4"-20NC X 3/4"	68	DF3445	2	WASHER, FLAT - #12
19	TR1307	2	CAPSCREW - 3/8" - 18NC X 3/4"	69	VM1402	2	NUT - #10-24NC
20	VM1404	7	Gauge, ENGINE TEMPERATURE (2)	70	DF0017	1	MOTOR, CRANKING
21	TD1549	7	Gauge, TEMPERATURE (2)	71	729207	1	Gauge, ENGINE TEMPERATURE (1)
22	424423	3	CLAMP	72	729210	2	BREAKER, CIRCUIT
23	427258	1	GRIMMET	73	729459	1	SCREW, MACHINE - 1/4"-20NC X 1"
24	427397	1	CLAMP	74	TR0284	4	SCREW, MACHINE - 1/4"-20NC X 1"
25	C5799	2	CAPSCREW - 3/8"-24NF X 3/4"	75	729462	1	CABLE, BATTERY
26	427258	1	CLAMP	76	729460	1	CABLE, BATTERY
27	428303	3	GROMMET	77	729462	1	CABLE, BATTERY
28	428711	5	CONNECTOR, SLEEVE	78	729474	1	CABLE
29	485635	1	SWITCH, STOP LIGHT	79	729478	1	CLIP
30	523505	1	LOOM	80	729623	2	ELBOW
31	621059	1	ELBOW, STREET	82	SG62108	2	SCREW, MACHINE - #8-32NC X 1/2"
32	720296	8	BUMPER, BATTERY	83	VM1401	3	SCREW, MACHINE - #8-32NC X 1/2"
33	DG3393	8	SCREW, MACHINE - 1/4"-20NC X 1	84	4P2565	5	CLAMP
34	921671	8	BUSSHING, INSULATING	85	5P0811	1	ELBOW
35	720381	4	RING, SNAP	86	5P1586	1	NIPPLE, PIPE
36	720462	2	LOCNUUT - 1/4" - 20NC	87	TR6268	2	CLAMP
37	720730	2	CLAMP	88	TR9441	1	CLAMP
38	720759	1	SLERVE, RUBBER	89	VP5360	1	WASHER, FLAT - 5/16"
39	722974	1	SWITCH, PRESSURE	90	VP5040	1	BLDCK, FUSE
40	722975	1	SWITCH, PRESSURE	91	TG1929	6	SCREW, MACHINE - #10-24NC X 1/2"
41	723552	2	SPACEER	92	VM1402	6	LOCKMASHER - #10
42	723552	1	GAUGE, OIL (1)/(2)	93	VP5369	1	HARNES
43	723585	1	GAUGE, OIL (1)/(2)	94	VP5361	1	CABLE
44	723584	1	STRAP, GROUND	95	VP5362	1	CABLE
45	TD0794	1	CAPSCREW - 5/16"-18NC X 3/4"	96	VP5369	1	AMMETER (SEE ALTERNATOR)
46	SD2582	1	LOCKMASHER, SHAKEROF - 5/16"	97	VN7195	1	METER, HOUR
47	723588	2	LOCKMASHER, SHAKEROF - 3/8"	98	VN9725	1	TRIBE
48	724093	2	LOCKMASHER, SHAKEROF - 3/8"	99	VR1285	1	NUT - #8-32NC
49	VN2882	4	NUT, JAM - 1/4"-20NC	100	VR2645	1	COVER
50				101	VZ1813	1	SWITCH, LIGHT

ELECTRICAL - ALTERNATOR

FIG. 5602



Ref.	Part No.	Qty.	Description
1	120630	1	ALTERNATOR (588 WATT)
2	120632	1	ALTERNATOR (588 WATT)
3	920055	1	CAPSCREW - 3/8" - 16NC X 4 (588 WATT) G.M.
4	920054	1	CAPSCREW - 3/8" - 16NC X 4 (588 WATT) G.M.
5	920771	1	BRAKET, ALTERNATOR (588 WATT) G.M. (3)
6	120771	1	NUT - 7/16 - 14NC (868 WATT)
7	921526	2	NUT - 3/8 - 16NC (588 WATT)
8	920044	5	CAPSCREW - 3/8-16NC X 1 1/4 (GUM. (588 WATT) (1) (868 WATT (1)/(2)
9	923103	1	CAPSCREW - 5/16-18NC X 1 1/4 (588 WATT) G.M. (2)
10	923102	1	FATWASHER - 5/16 (588 WATT)
11	120782	1	NUT - 5/16 - 18NC (588 WATT)
12	920001	2	CAPSCREW - 1/4 - 20NC X 1/2 (588 WATT)
13	920004	3	CAPSCREW - 1/4-20NC X 7/8 (868 WATT)
14	920759	AR	CAPSCREW - 1/4-20NC X 1/4 (4)
15	120784	1	FAN (588 WATT)
16	120803	1	BELET (G.M.)
17	729916	1	PULLLEY (588 WATT)
18	120804	1	BELET (G.M.) (1)
19	120848	1	HARNESS, ALTERNATOR (868 WATT)
20	120849	1	AMMETER
21	423336	1	HARNESS (GUM.)
22	921647	1	NUT - #10-32 (588 WATT)
23	923506	1	LOCWKMASHER - #10 (588 WATT)
24	921504	1	LOCWKMASHER - #12 (588 WATT)
25	923525	1	LOCWKMASHER - #12 (588 WATT).
			NOTE: (1) EFFECTIVE WITH 777BT. (2) EFFECTIVE WITH 666B/777B.
			(3) EFFECTIVE WITH 666B-BT/777B-BT.

HEADLIGHTS

FIGURE 5603

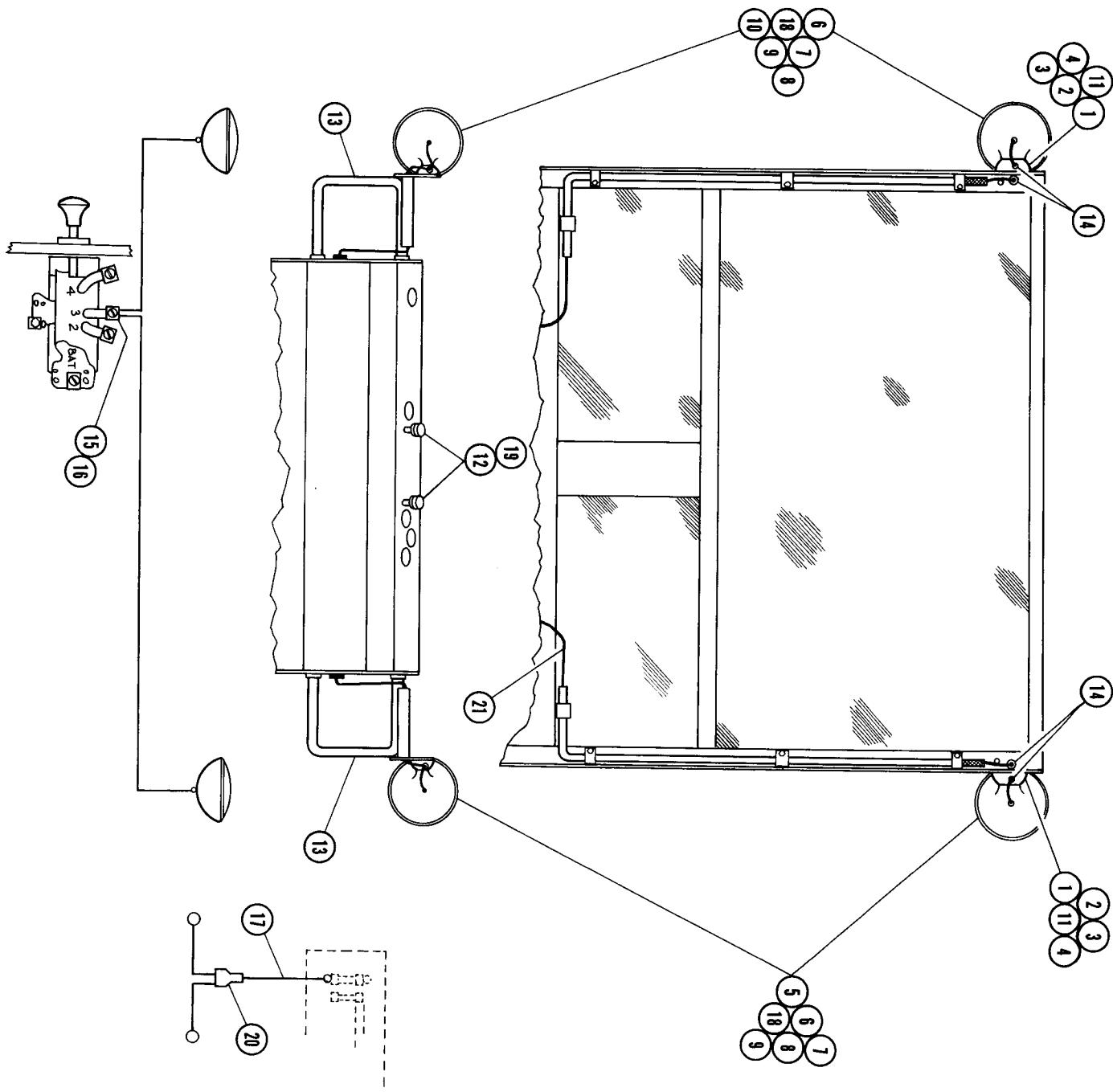


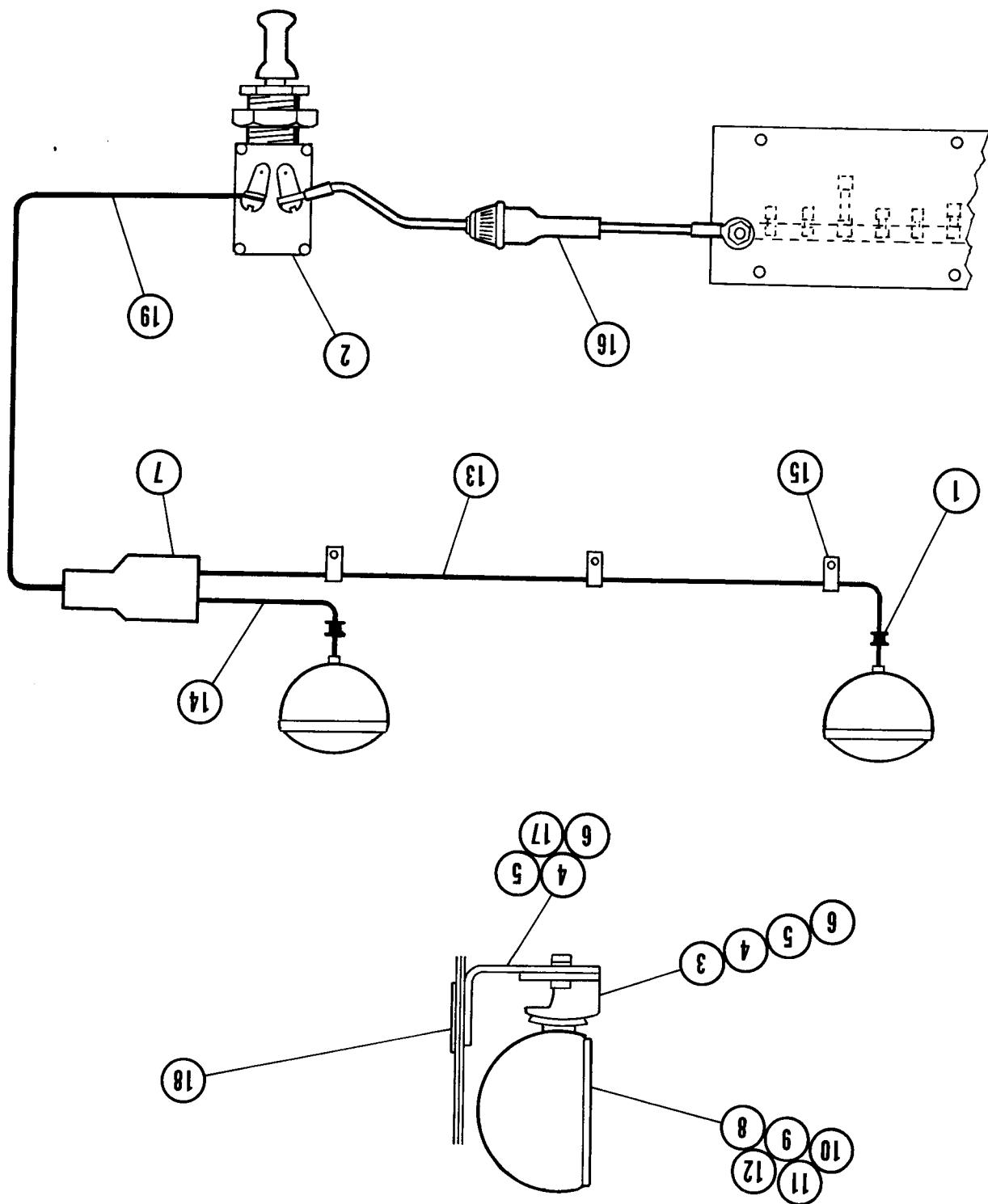
FIGURE 5603

HEAD LIGHTS

Ref. No.	Part No.	Qty.	Description
1	2394	2	BRACKET, HEADLIGHT (1)/(3)
	VR1078	1	BRACKET, R.H. HEADLIGHT (2)/(3)
	VR1079	1	BRACKET, L.H. HEADLIGHT (2)/(3)
2	VM1405	4	LOCKWASHER - 3/8"
3	VM1425	4	BOLT, CARRIAGE -3/8" - 16NC X 1 3/4" (1)/(3)
	TG5720	4	CAPSCREW - 3/8" - 16NC X 1" (2)/(3)
4	C1521	4	NUT - 3/8" - 16NC (1)/(3)
5	727847	1	LIGHT, R.H. HEAD
6	473695	2	WASHER
7	723380	2	WASHER
8	C1526	2	NUT - 5/8" - 18NF
9	SR9581	2	LOCKWASHER - 5/8"
10	727848	1	LIGHT, L.H. HEAD
11	720722	4	SPACER (1)/(3)
12	VP3442	2	LIGHT, DASH
13	407422	1	BRACKET, R.H. LIGHT (4)
	407423	1	BRACKET, L.H. LIGHT (4)
14	428303	4	GROMMET (1)/(3)
	424868	4	GROMMET (2)/(3)
15	VP6482	1	WIRE (4)
16	VP6481	1	WIRE (3)
17	VP5363	1	CABLE
18	475557	2	UNIT, R.H. OR L.H. SEALED
19	428289	2	BULB, LIGHT
20	720730	1	CONNECTOR
21	4P2565	2	CLAMP (2)/(3)
NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBER 15324 AND LATER, EXCEPT NUMBERS 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NO. 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.			
(2) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS.			
(3) USED WITH CAB ENCLOSURE.			
(4) USED WITH ROADSTER CAB.			

BACK-UP LIGHTS

FIG. 5604



Ref.	Part No.	Qty.	Description
1	424427	2	GROMMET
2	427679	1	SWITCH
3	661876	2	BRACKET, LIGHT
4	C1602	10	CAPSCREW - 3/8" - 16NC X 1"
5	VM1405	10	LOCKMASHER - 3/8"
6	C1521	10	NUT - 3/8" - 16NC
7	720730	1	CONNECTOR
8	727849	2	LIGHT
9	SR9581	2	LOCKMASHER - 5/8"
10	C1526	2	NUT - 5/8" - 18NF
11	473695	2	WASHER (CONICAL)
12	723380	2	WASHER (PRESSED STEEL)
13	729575	1	CABLE
14	729638	1	CABLE
15	4P2565	3	CLAMP
16	VP5327	1	HOLDER, FUSE
17	VP7213	2	BRACKET
18	VP7214	2	REINFORCER
19	VP7215	1	CABLE

CAB

FIG. 5605

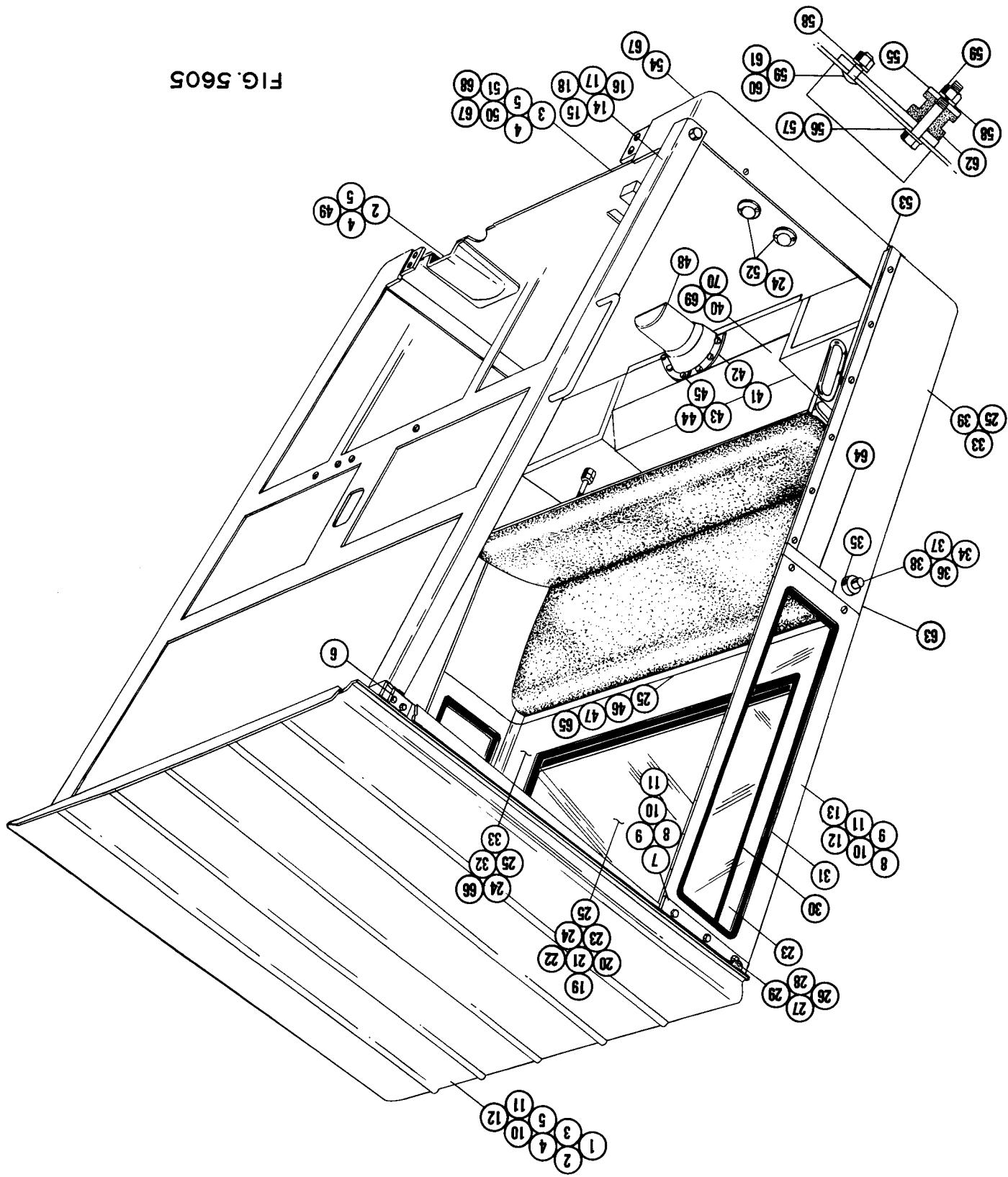


FIGURE 5605

C A B

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	VR2114	1	ROOF, CAB	40	VR2308	1	CLOSURE
2	VM1422	25	BOLT, CARRIAGE -3/8"-16NC X 1"	41	VP1534	1	STRIP, BACKING (4)
3	C1547	50	FLATWASHER - 3/8"	42	VP5865	1	STRIP, BACKING (3)
4	VM1405	54	LOCKWASHER - 3/8"	43	VP4585	1	SEAL, TUNNEL (4)
5	C1521	16	HEX NUT -3/8" - 16NC	44	C3145	6	CAPSCREW-1/4"-20NC X 5/8"(4)
6	VP0584	2	SPACER	45	VM1469	6	FASTENER, SEMS (3)
7	VP1048	2	GUSSET	46	VP1404	6	LOCKWASHER
8	VM1414	22	BOLT, CARRIAGE -1/4"-20NC X 3/4	47	VP0589	20	NUT - 1/4"
9	C1546	8	FLATWASHER - 1/4"	48	VP0543	1	MOLDING (ROADSTER CAB)
10	VM1404	8	LOCKWASHER - 1/4"	49	VM1414	20	BOLT, CARRIAGE-1/4"-20NC X 3/4
11	VP0589	8	HEX NUT -1/4"-20NC	50	VR2845	1	BOOT, FLOOR PLATE (5)
12	C5746	4	CAPSCREW -1/4"-20NC X 3/4"	51	VP5336	1	BOOT, FLOOR PLATE (3)
13	VP1049	2	BAR	52	VP2808	1	COVER, HOUSING
14	VR0894	1	FRAME, FRONT	53	VM1423	28	BOLT, CARRIAGE-3/8"-16NC X 1 1/4"
15	C1601	4	CAPSCREW-3/8" - 16NC X 3/4"	54	VR2309	1	PLATE, FLOOR (2)
16	C5747	6	CAPSCREW -5/16"-18NC X 3/4"	55	VR2299	1	PLATE, FLOOR (1)
17	E3735	6	FLATWASHER - 5/16"	56	729292	2	COVER
18	CD0296	6	LOCKWASHER - 5/16"	57	VR0548	2	CAP
19	VP1428	1	WINDOW, REAR	58	VR0605	1	BASE - L.H.
20	VP0160	1	GLASS, REAR WINDOW (STATION ARY)	59	VR0606	1	BASE - R.H.
21	VP0161	2	GLASS, REAR WINDOW (SLIDING)	60	722621	2	WASHER
22	VP0162	2	HANDLE, REAR WINDOW	61	C1621	2	CAPSCREW-1/2"-13NC X 3 1/4"
23	VP1185	1	SEAL, REAR WINDOW	62	CF1549	2	FLATWASHER - 1/2"
24	VP0588	53	CAPSCREW-1/4"-20NC X 5/8"	63	VM1454	2	LOCKWASHER - 1/2"
25	VP0589	98	HEX NUT -1/4"-20NC	64	C1523	2	HEX NUT - 1/2" - 13NC
26	423920	4	BUMPER, RUBBER	65	VR1431	2	BOLT, CARRIAGE-1/2"-13NCX 1"
27	F0042	4	BOLT, MACHINE-#10-24 X 1"	66	DD5640	2	WASHER - 1/2"
28	SD4223	4	WASHER, LOCK - #10	67	TG7018	2	DAMPENER
29	H2644	4	HEX NUT -#10-24	68	727747	1	PAD, RUBBER
30	VP1051	2	GLASS, SIDE	69	VP1512	2	MOLDING, RUBBER (CANOPY TOP)
31	VP1052	2	CHANNEL, SIDE GLASS	70	VP1513	1	MOLDING, RUBBER (CANOPY TOP)
32	VR1019	1	BACK, CAB	71	VR0634	1	CORNER, R.H. (CANOPY TOP)
33	VM1414	37	BOLT, CARRIAGE-1/4"-20NC X 3/4"	72	VR0635	1	CORNER, L.H. (CANOPY TOP)
34	SF5160	2	LOCKWASHER -3/8" EXT. TOOTH	73	TC1233	34	NUT - 3/8" - 16NC
35	722816	2	BUMPER, DOOR	74	VM1424	3	BOLT, CARRIAGE-3/8"-16NC X 1 1/2"
36	722812	2	STRIKER, DOOR	75	725710	2	WASHER
37	C5801	2	CAPSCREW-3/8"-24NF X 1 1/4"	76	725711	2	SCREW, WING
38	DF3042	2	FLATWASHER - 3/8"	77	NS	2	SEAL (FLOOR PLATE)
	VR2207	1	CAB ASSY - ROADSTER (1)	78	729605	2	COVER (FLOOR PLATE)
	VR2211	1	CAB ASSY - ROADSTER (2)	79	729606	2	BOLT, CARRIAGE-1/4"-20NC X 1" (FLOOR PLATE)
39	VR0893	1	BACK, CAB	80	VM1416	4	LOCKNUT - 1/4" - 20NC
				81	HE6252	4	

NOTE: (1) EFFECTIVE WITH 666B/777B.

(2) EFFECTIVE WITH 666BT/777BT.

(3) EFFECTIVE WITH 666B SERIAL 15048 THRU 15323, EXCEPT 15051, 15054, 15057, 15060, 15063, 15069, 15072, 15090, 15093 AND 15099. ALSO USED ON 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NO. 6621 THRU 6641. 777B SERIAL NUMBER 3766 THRU 3918, EXCEPT 3769, 3772, 3775, 3781, 3793, 3799, 3805 AND 3811. 777BT SERIAL NO. 6842 THRU 6890, ALSO 6827.

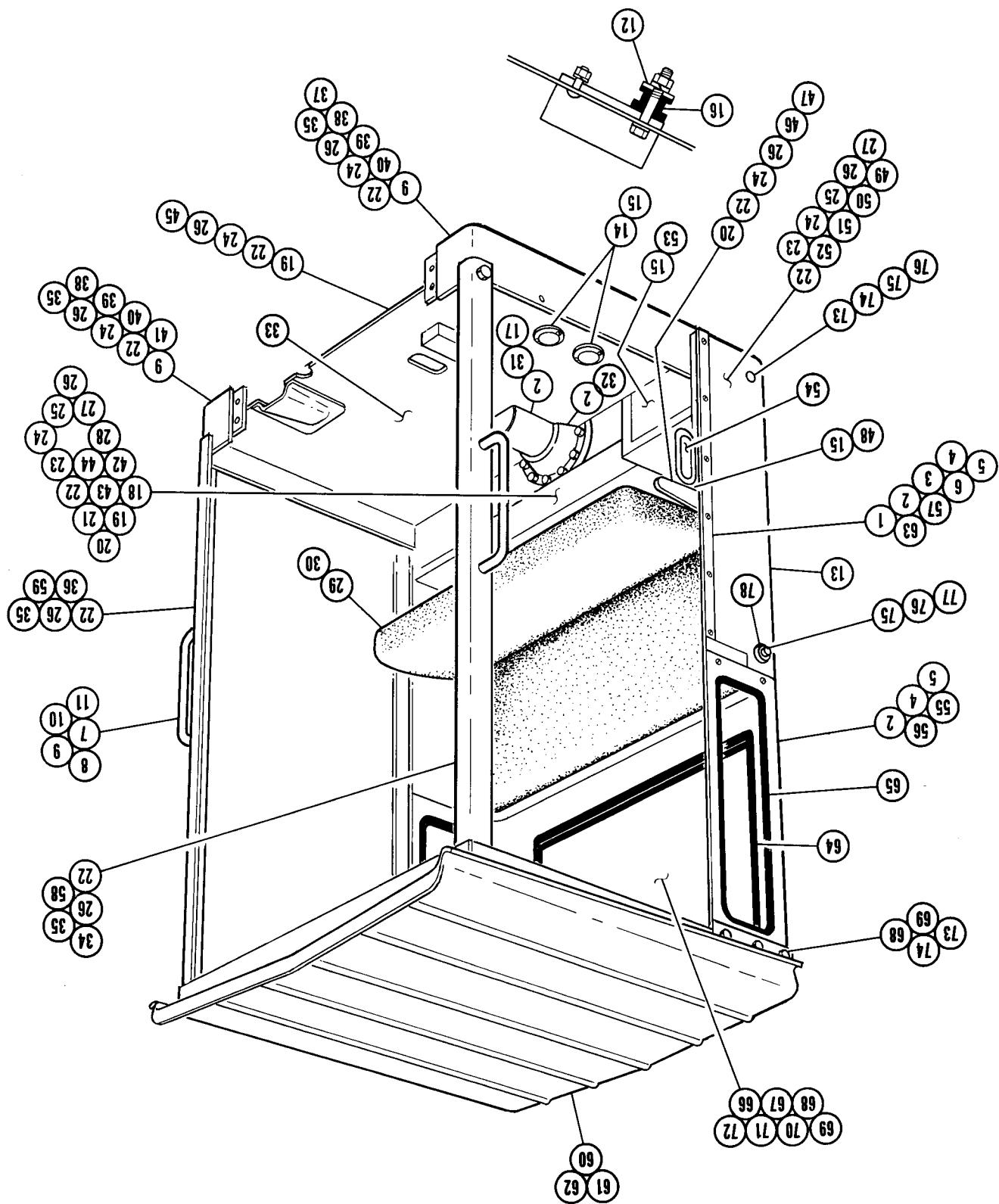
(4) EFFECTIVE PRIOR TO ABOVE SERIAL NUMBERS.

(5) REPLACED BY VR2939 KIT - AFTER INITIAL REPLACEMENT INDIVIDUAL PARTS MAY BE ORDERED.

(6) EFFECTIVE WITH 666B SERIAL NUMBER THRU 15323, ALSO 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER THRU 6641. 777B SERIAL NUMBER THRU 3918. 777BT SERIAL NUMBER THRU 6890.

CAB

FIG. 5606



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	VR3032	1	CAB ASSY - ROADSTER (1)	41	VR3002	1	BASE, L.H.	42	VR3023	1	CLOSURE
2	VM1469	1	CAB ASSY - ROADSTER (2)	43	VM1414	4	BOLT, CARRIAGE-1/4"-20X3/4"	44	VPO589	4	NUT, SPECIAL
3	923403	12	FASTENER, SEMS-1/4"-20X3/4"	45	VR3026	1	PLATE, FLOOR (1)	46	VR3029	1	BASE, SEAT
4	404167	74	BAR, R.H.	47	VR3027	1	PLATE, FLOOR (2)	48	VR3030	1	CAPSCREW-3/8"-16NC X 3/4"
5	TD1549	12	LOCKWASHER - 1/4"	49	VR3031	1	BAR, R.H.	50	VR3032	1	HANDLE, GRAB
6	406947	1	GRAB	51	VN6405	4	CAPSCREW-3/8"-16NC X 7/16"	52	VM1471	6	FASTENER, SEMS - 5/16"-18NC
7	VM1454	6	HANDLE, GRAB	53	VRO305	1	CAPSCREW-1/2"-13NC X 2 1/2"	54	VRO309	2	COVER
8	406948	1	LOCKWASHER - 1/2"	55	VPO588	10	FASTENER, SEMS-1/4"-20X5/8	56	VPO588	1	DAKPENER
9	VM1454	2	CAPSCREW-3/8"-16NC X 1 1/2"	57	VR3005	1	UPRIGHT, R.H.	58	VR3017	1	UPRIGHT, R.H.
10	406948	1	CAPSCREW-3/8"-16NC X 7/16"	59	VR3018	1	UPRIGHT, L.H.	60	VRO3388	1	ROOF, CAB
11	VM1454	2	GRAB	61	C1602	12	CAPSCREW-3/8"-16NC X 1"	62	923407	14	LOCWASHER - 5/16"
12	722621	2	CAPSCREW-5/16"-18NC X 1"	63	VRO306	1	GRAB	64	C1602	12	CAPSCREW-3/8"-16NC X 1"
13	727747	1	GRAB	65	VRO306	1	UPRIGHT, L.H.	66	VPO588	1	COVER
14	729292	2	GRAB	67	VPO588	8	CAPSCREW-1/4"-20NC X	68	VM1464	8	FASTENER, SEMS-1/4"-20NC X 5/8"
15	10	1	GRAB	69	DF0017	12	LOCWASHER - #10-24NC	70	VM1402	12	SCREW, MACHINE-#10-24NC X 5/8"
16	VP5336	1	GRAB	71	VR3007	1	SCREW, MACHINE-#10-24NC X	72	VM1415	20	BOLT, CARRIAGE-1/4"-20NC X 5/8"
17	TG7018	2	GRAB	73	VR3007	1	SCREW, MACHINE-#10-24NC X	74	HD0007	4	SCREW, RUBBER
18	VP5530	1	GRAB	75	722812	2	STRIKER, REAR	76	C5801	2	CAPScrew-3/8"-16NC X 1 1/4"
19	VM1422	25	GRAB	77	SF5160	2	LOCWASHER - 3/8"-16NC X 1 1/4"	78	722816	2	BUMLER, DOOR
20	DC7524	24	GRAB	79	VM1423	18	LOCWASHER - 3/8"-16NC X	80	VM1423	2	NUT, HEX - 1/2" - 13NC
21	VM1405	75	GRAB	81	VP7016	1	LOCWASHER - 3/8"-16NC X	82	VP7016	1	ANGLE, L.H.
22	C1547	51	GRAB	83	VP6286	1	ANGLE, R.H.	84	VP6286	1	ANGLE, R.H.
23	CD0296	8	GRAB	85	VP6173	1	ANGLE, R.H.	86	VP5985	2	STRIP, BACKING
24	VM1405	75	GRAB	87	VP6173	1	ANGLE, R.H.	88	VP017	1	PLATE, BACKING
25	E3735	8	GRAB	89	VP6292	2	GLASS, SIDE (TINTED)	90	VP6292	2	PLATE, BACKING
26	C1521	29	GRAB	91	726046	2	GLASS, SIDE (TINTED)	92	726046	2	STRIP, WEATHER
27	C1520	29	GRAB	93	NUT, HEX - 3/8"-16NC	94	WINDSHIELD, REAR	95	NUT, HEX - 5/16"-18NC	96	WINDSHIELD, REAR
28	VP5531	1	GRAB	96	726046	1	WINDSHIELD, REAR	97	726046	1	SUPPORT, L.H.
29	VP5531	1	GRAB	98	VPO588	4	SUPPORT, L.H.	99	VPO588	4	FASTENER, SEMS-1/4"-20NC X
30	VPO588	4	GRAB	100	VM1464	8	FASTENER, SEMS-1/4"-20NC X	101	VM1464	8	SCREW, MACHINE-#10-24NC X 5/8"
31	VP5543	1	GRAB	102	DF0017	12	SCREW, MACHINE-#10-24NC	103	DF0017	12	SCREW, MACHINE-#10-24NC
32	VP5985	2	GRAB	104	720378	1	SCREW, R.H.	105	720378	1	SCREW, R.H.
33	VP6173	1	GRAB	106	720379	1	BAR, R.H.	107	720379	1	BAR, R.H.
34	VM1423	18	GRAB	108	VM1423	18	BAR, L.H.	109	VM1423	18	BAR, L.H.
35	VP7016	1	GRAB	110	VP7016	1	BAR, L.H.	111	VP7016	1	BAR, L.H.
36	VP7017	1	GRAB	112	(2) EFFECTIVE WITH 666B SERIAL NUMBER 15381.		(3) EFFECTIVE WITH 666B SERIAL NUMBER 15381.	113	(2) EFFECTIVE WITH 666B SERIAL NUMBER 15375, 15378 AND LATER.		(3) EFFECTIVE WITH 666B SERIAL NUMBER 15375, 15378 AND LATER.
37	VR3001	1	GRAB	114	666B SERIAL NUMBER 6642 AND LATER.		666B SERIAL NUMBER 6642 AND LATER.	115	666B SERIAL NUMBER 6642 AND LATER.		666B SERIAL NUMBER 6642 AND LATER.
38	C1621	2	GRAB	116	77BT SERIAL NUMBER 3919 AND LATER.		77BT SERIAL NUMBER 3919 AND LATER.	117	77BT SERIAL NUMBER 3919 AND LATER.		77BT SERIAL NUMBER 3919 AND LATER.
39	C1549	2	GRAB	118	77BT SERIAL NUMBER 6890 AND LATER.		77BT SERIAL NUMBER 6890 AND LATER.	119	77BT SERIAL NUMBER 6890 AND LATER.		77BT SERIAL NUMBER 6890 AND LATER.
40	C1523	2	GRAB	120	AND LATER.		AND LATER.	121	AND LATER.		AND LATER.

CAB-WINDSHIELD

FIG. 3588

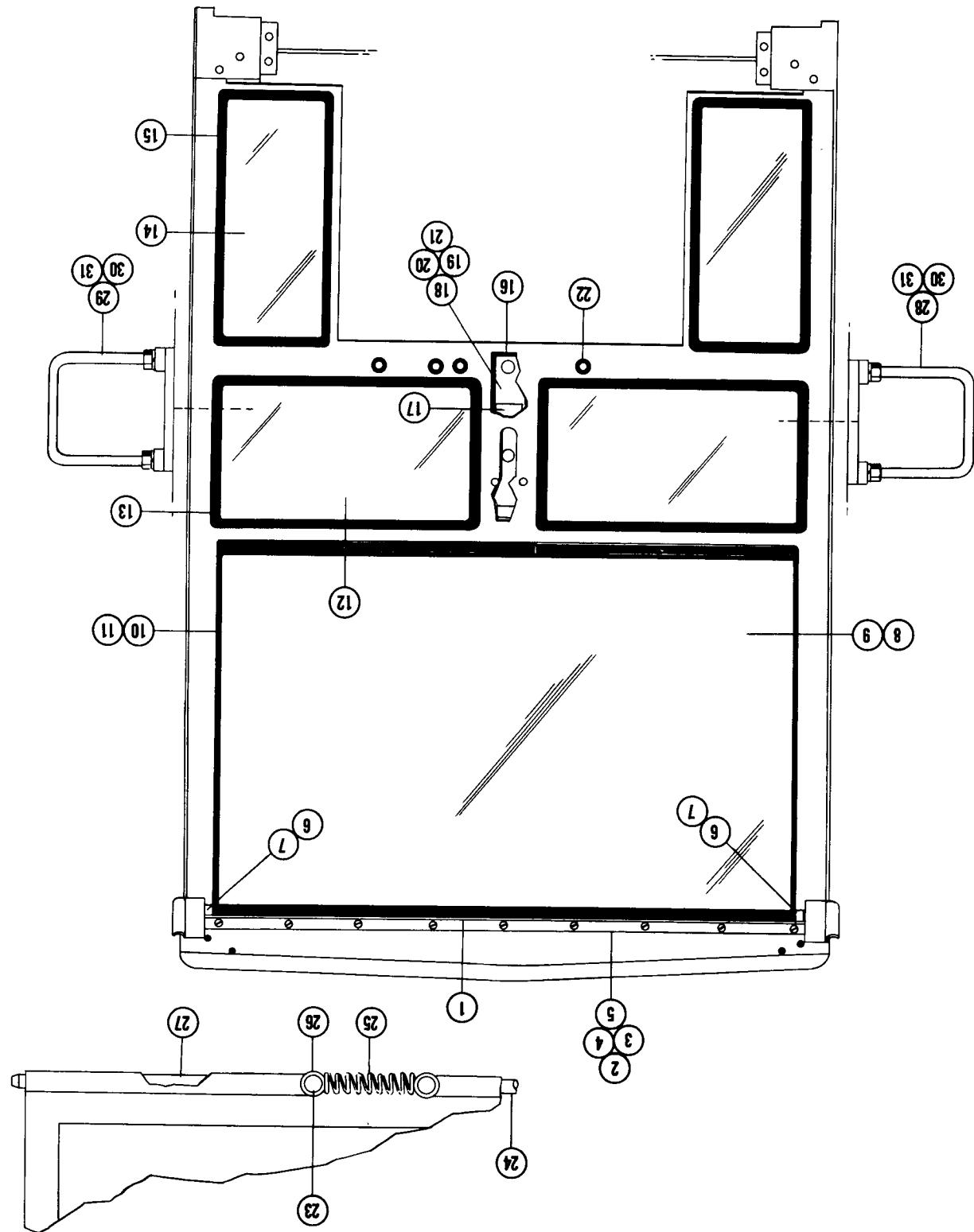


FIGURE 3588 CAB - MINDSHIELD



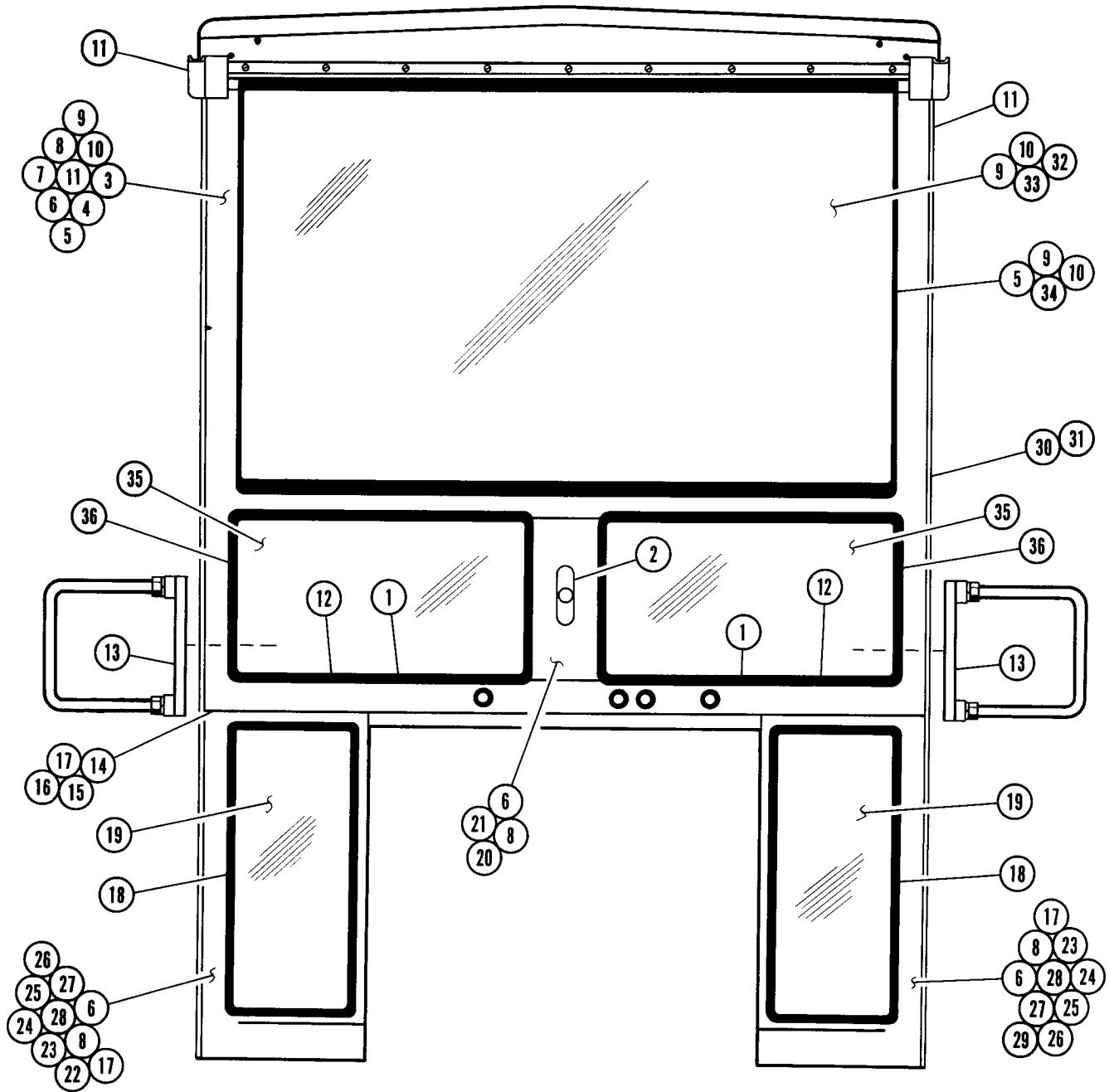


FIG. 5607

CAB - WINDSHIELD

Ref.	Part No.	Qty.	Description
12	423336	2	CLAMP
13	729071	1	SEALER
14	TF6925	8	CLAMP
15	923407	1	FASTENER, SEMS - 1/4" - 20NC X 1/2"
16	VM1404	14	SCREW, MACHINING - #10-24NC X 5/8"
17	TR1307	7	LOCKWASHER - 1/4"
18	TD1549	47	WASHER, FLAT - 1/4"
19	VM1402	14	NUT, HEX - 1/4" - 20NC
20	VP6630	1	PLATE, SEALER
21	VM1417	4	BOLT, CARRIAGE - 1/4" - 20NC X 1 1/4"
22	VP6638	1	FRAME, R.H. WINDOW
23	R3869	4	CAPScrew - 5/16" - 18NC X 5/8"
24	VM1415	4	BOLT, CARRIAGE - 1/4" - 20NC X 5/8"
25	VM1422	4	BOLT, CARRIAGE - 3/8" - 16NC X 1"
26	E3735	4	WASHER, FLAT - 5/16"
27	CD0296	4	LOCKWASHER - 5/16"
28	CT521	4	NUT, HEX - 3/8" - 16NC
29	VP6639	1	FRAME, L.H. WINDOW
30	VR3015	1	FRAME, FRONT
31	VM1416	19	BOLT, CARRIAGE - 1/4" - 20NC X 1"
32	VP6640	1	WINDSHIELD, FRONT (TINTED)
33	VM1464	9	SCREW, MACHINE - #10-24NC X 5/8"
34	720378	1	BAR, R.H.
35	720379	1	BAR, L.H.
36	VP6631	2	CHANNEL

NOTE: EFFECTIVE WITH 666B SERIAL NUMBER 15324 AND LATER EXCEPT
15339, 15357, 15375, 15378 AND 15381.

666BT SERIAL NUMBER 6642 AND LATER.
777B SERIAL NUMBER 3919 AND LATER.
777BT SERIAL NUMBER 6890 AND LATER.

CAB DOORS & LOCKS

FIG. 4564

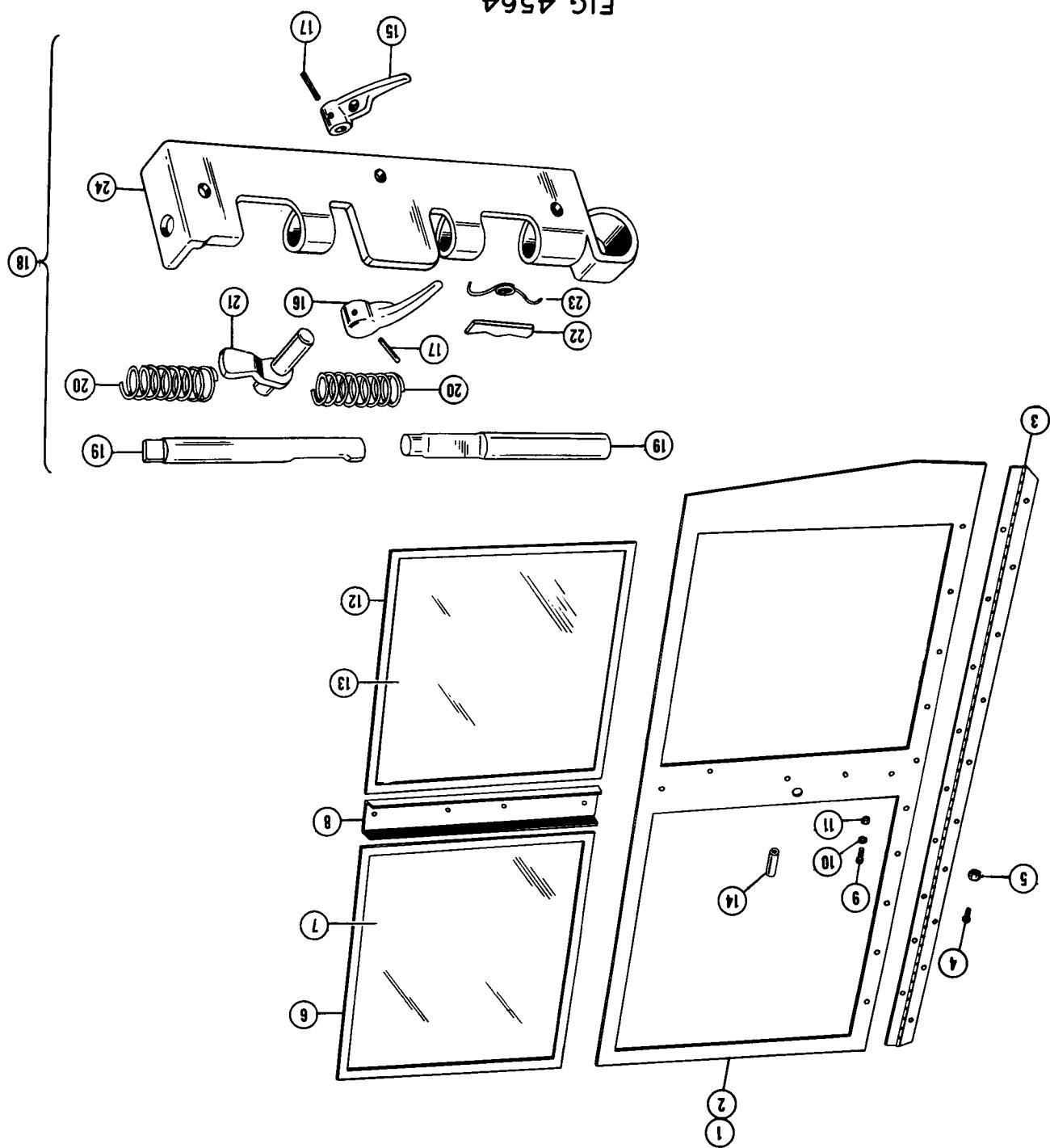


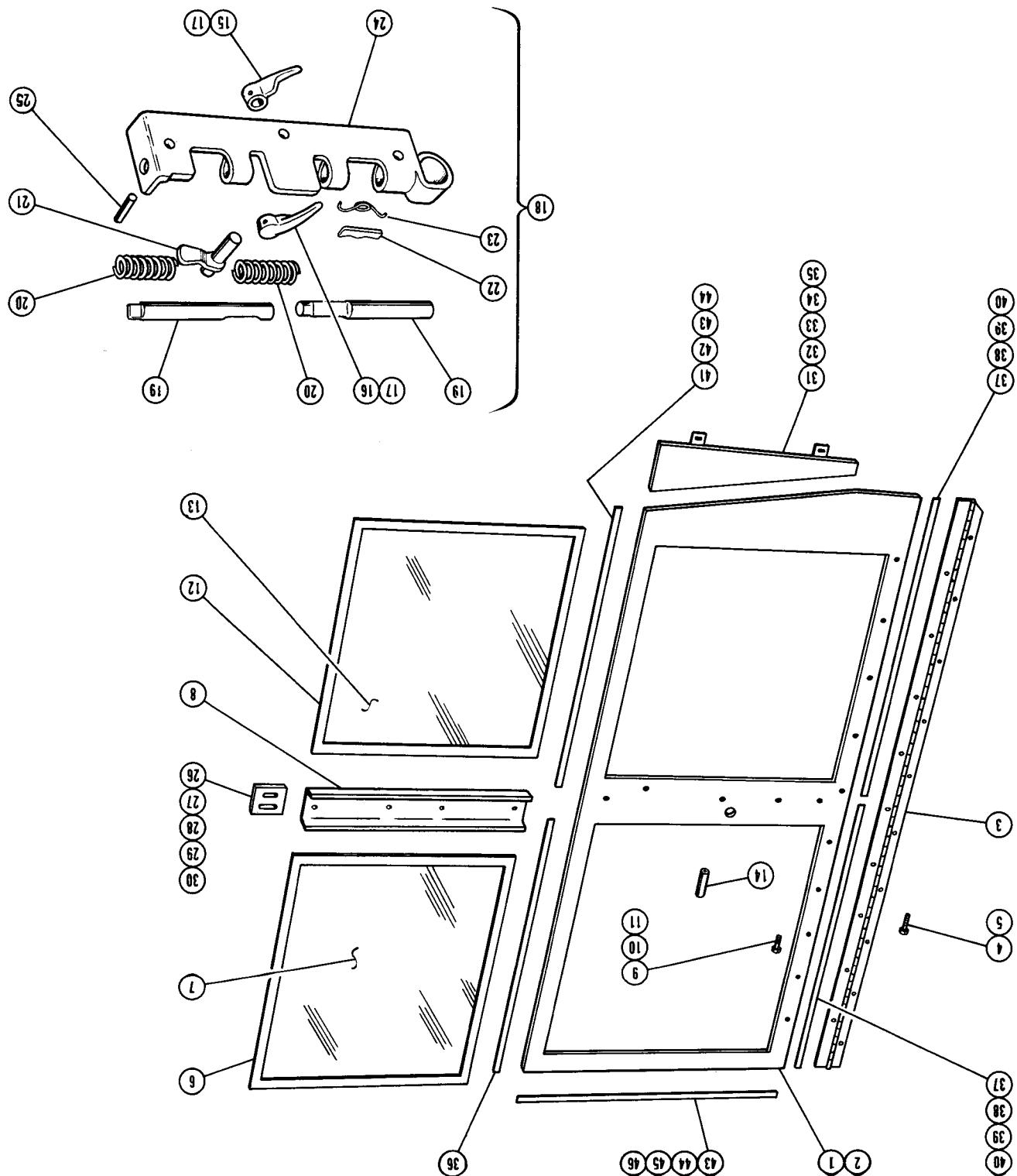
FIGURE 4564

CAB - DOORS AND LOCKS

Ref. No.	Part No.	Qty.	Description
1	VR0720	1	DOOR ASSEMBLY - R.H.
	VR0721	1	DOOR ASSEMBLY - L.H.
2	VR0718	1	FRAME, CAB DOOR - R.H.
	VR0717	1	FRAME, CAB DOOR - L.H.
	VP1187	1	SEAL, DOOR - L.H.
	VP1188	1	SEAL, DOOR - R.H.
3	VP1415	1	HINGE, R.H.
	VP1416	1	HINGE, L.H.
4	VP0588	25	SCREW, CAP - 1/4"-20NC X 5/8"
5	VP0589	21	NUT, HEX - 1/4" - 20NC
6	VP1431	1	CHANNEL, UPPER - R.H.
	VP1432	1	CHANNEL, UPPER - L.H.
7	VP1409	2	GLASS, UPPER
8	VP1393	1	COVER, R.H. OR L.H.
	H7997	8	SCREW, MACHINE - 1/4" - 20NC X 1/2"
9	VM1458	1	SCREW, MACHINE - 5/16" - 18NC X 3/4"
	VM1457	2	SCREW, MACHINE - 5/16" - 18NC X 2 1/4"
10	CD0296	5	WASHER, LOCK - 5/16"
11	VM1459	2	NUT, ACORN - 5/16" - 18NC
	C1520	3	NUT, HEX - 5/16" - 18NC
12	VP1433	1	CHANNEL, LOWER - L.H.
	VP1434	1	CHANNEL, LOWER - R.H.
13	VP1408	2	GLASS, LOWER
14	722815	2	SPACER
15	672789	1	HANDLE, OUTSIDE - L.H.
	662789	1	HANDLE, OUTSIDE - R.H.
16	682559	1	HANDLE, INSIDE - L.H.
	672559	1	HANDLE, INSIDE - R.H.
17	SP9104	4	PIN, ROLL
18	404251	1	LOCK ASSEMBLY, DOOR - R.H.
	404252	1	LOCK ASSEMBLY, DOOR - L.H.
19	722809	4	PAWL, LOCK
20	722811	4	SPRING
21	404245	2	CAM, LOCK
22	722817	2	PAWL, LATCH
23	722823	1	SPRING, R.H.
	722824	1	SPRING, L.H.
	922120	2	PIN, COTTER
	923100	2	WASHER, FLAT - 3/16"
24	722819	1	BODY - R.H.
	722820	1	BODY - L.H.
			NOT SHOWN
	VP2254	2	STRIKER, DOOR LOCK - ADJUSTABLE
	VP0588	4	SCREW, CAP - 1/4" - 20NC X 5/8"
	SF5816	4	WASHER, FLAT - 1/4"
	VR2115	1	SILL - R.H. (BOTTOM DOOR OPENING)
	VR2116	1	SILL - L.H. (BOTTOM DOOR OPENING)
			NOTE: EFFECTIVE WITH 666B SERIAL NUMBER THRU 15323, ALSO 15339, 15337, 15375, 15378 AND 15381.
			666BT SERIAL NUMBER THRU 6641. 777B SERIAL NUMBER THRU 3918. 777BT SERIAL NUMBER THRU 6889.

CAB DOORS & LOCKS

FIG. 5608



Ref.	No.	Part No.	Qty.	Description
1	404248	DOOR ASSMBLY - R.H.	1	DOOR ASSMBLY - L.H.
2	404249	404246	1	FRAME, CAB DOOR - R.H.
3	428859	404247	1	FRAME, CAB DOOR - L.H.
4	922749	922751	20	SCREW, MACHINE - 1/4" - 20NC X 5/8"
5	920759	922752	22	SCREW, MACHINE - 1/4" - 20NC X 7/8"
6	921505	920759	42	NUT, HEX - 1/4" - 20
7	428804	428813	2	Glass, Upper (Tinted)
8	722813	722814	1	Bar, L.H. Mid
9	VM1457	VM1457	1	Bar, R.H. Mid
10	CD0296	CD0296	6	SCREW, MACHINE - 5/16" - 18NC
11	428870	428815	3	Nut, Hex - 5/16" - 18NC
12	1C520	1C520	12	LOCKMASHER - 5/16"
13	VP6290	428815	2	Glass, Lower
14	722815	722817	2	Space, Outside
15	662559	672559	2	Handle, Outside - R.H.
16	722819	682559	1	Handle, Inside - R.H.
17	721150	721150	4	PIN, Roll
18	404251	404252	1	Lock Assembly, Door - L.H.
19	722809	722809	4	Padlock, Lock
20	722811	404245	4	Spring
21	404245	722817	2	Cam, Lock
22	722823	722824	1	Spring, R.H.
23	22	722824	1	Spring, L.H.
24	DF3445	922820	2	Washer, Flat - 3/16"
25	722825	722820	1	BODY - R.H.
26	22	722820	1	BODY - L.H.
27	VN7403	722993	4	PLATE, Latch
28	E3735	CD0296	4	Washer, Flat - 5/16"
29	CD0296	E3735	4	LOCKMASHER - 5/16"
30	C1520	CD0296	4	Nut, Hex - 5/16" - 18NC
31	VR3003	VN7403	4	Closure - R.H.
32	VM1423	VM1423	4	Closeup - L.H.
33	VM1423	VM1423	4	Bolt, Carriage - 3/8" - 16NC X 1 1/4"
34	C1547	VM1405	4	Washer, Flat - 3/8"
35	VR3444	VM1405	4	LOCKMASHER - 3/8"
36	VR3445	C1521	4	Nut, Hex - 3/8" - 16NC
37	VR3445	VR3444	2	Channel
38	HD6007	VM1402	24	SCREW, MACHINE - #10-24NC X 3/4"
39	VM1402	VM1402	24	SCREW, MACHINE - #10-24NC X 5/8"
40	DF0017	DF0017	24	Nut, Hex - #10-24
41	VR3447	VR3447	2	Channel
42	922572	10	SCREW, MACHINE - #10-24NC X 5/8"	
43	VM1402	VM1402	18	LOCKMASHER - #10
44	DF0017	DF0017	18	Nut, Hex - #10-24
45	VR3448	VR3448	2	Channel
46	VM1464	VM1464	8	SCREW, MACHINE - #10-24 X 5/8"

CAB - DOORS AND LOCKS

FIGURE 5608



SEAT-BENCH

FIG. 4457

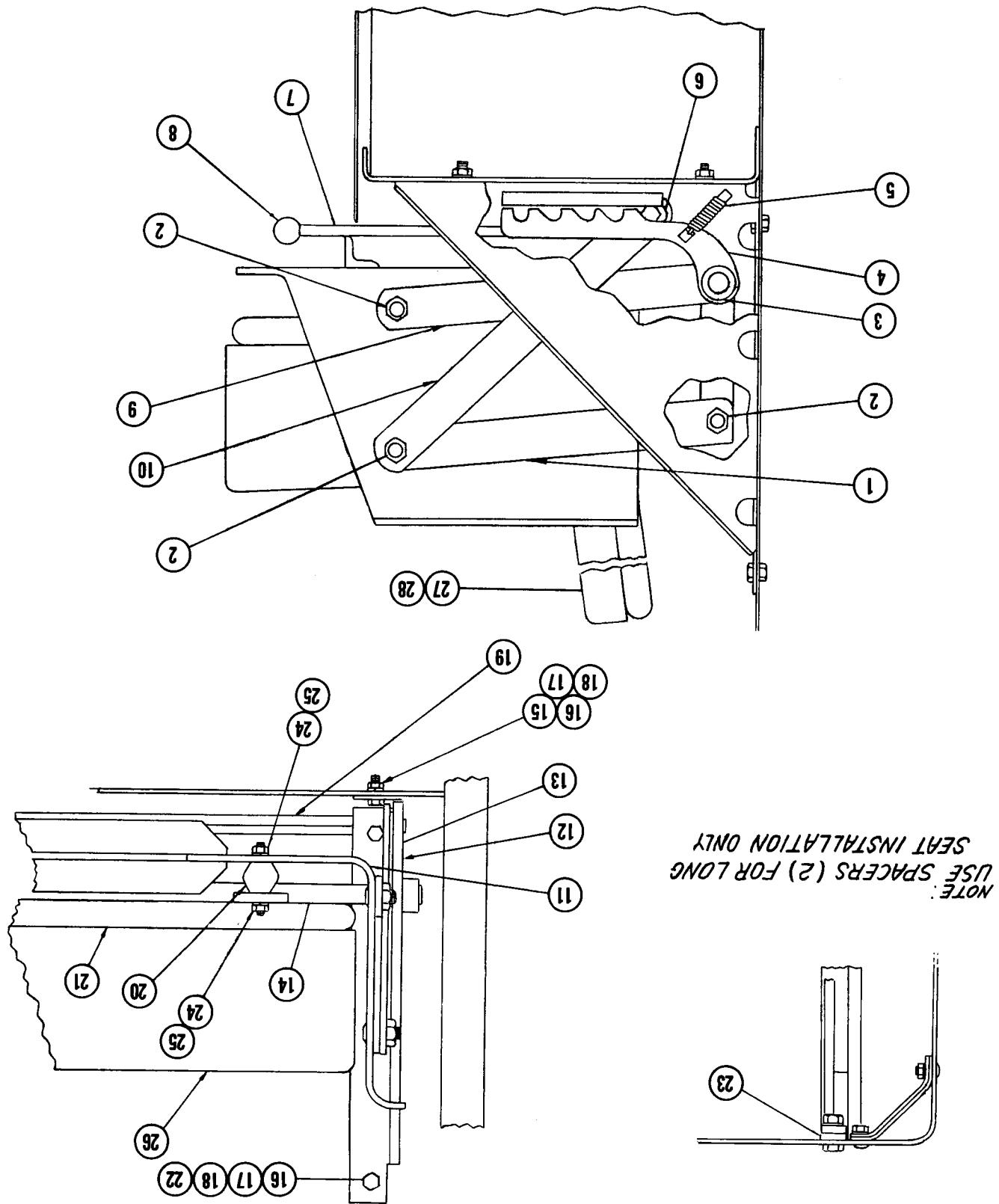


FIGURE 4457

SEAT - BENCH

Ref. No.	Part No.	Qty.	Description
1	VR1282	2	BAR, PIVOT
2	VM1483	6	NUT, LOCK
3	SH8170	2	PIN, ROLL
4	VR1767	1	PLATE, LOCK
5	H3026	2	SPRING
6	DD5640	2	WASHER, FLAT - 1/2"
7	VR1766	1	PLATE, LOCK
8	425017	1	BALL
9	VP3151	2	BAR, PIVOT
10	VP3145	2	BAR, BRACING
11	VR1278	1	BASE, SEAT
12	VR1769	1	RISER, SEAT R.H.
13	VR1768	1	RISER, SEAT L.H.
14	VP3147	1	SHAFT
15	C1601	4	SCREW, CAP - 3/8" - 16NC X 3/4"
16	VM1405	8	WASHER, LOCK - 3/8"
17	DF3042	8	WASHER, FLAT - 3/8"
18	C1521	8	NUT - 3/8" - 16NC
19	VP3148	1	BAR
20	VP1526	1	ADJUSTER, SLIDE
21	VP1536	1	FRAME
22	C1602	4	SCREW, CAP - 3/8" - 16NC X 1"
23	VP2419	4	SPACER
24	C9656	8	NUT - 5/16" - 18NF
25	CD0296	8	WASHER, LOCK - 5/16"
26	VP1576	1	CUSHION
27	VP1575	1	BACK
28	VP2255	1	KIT (Hardware, Brackets, and Attaching Rod-Cushion)

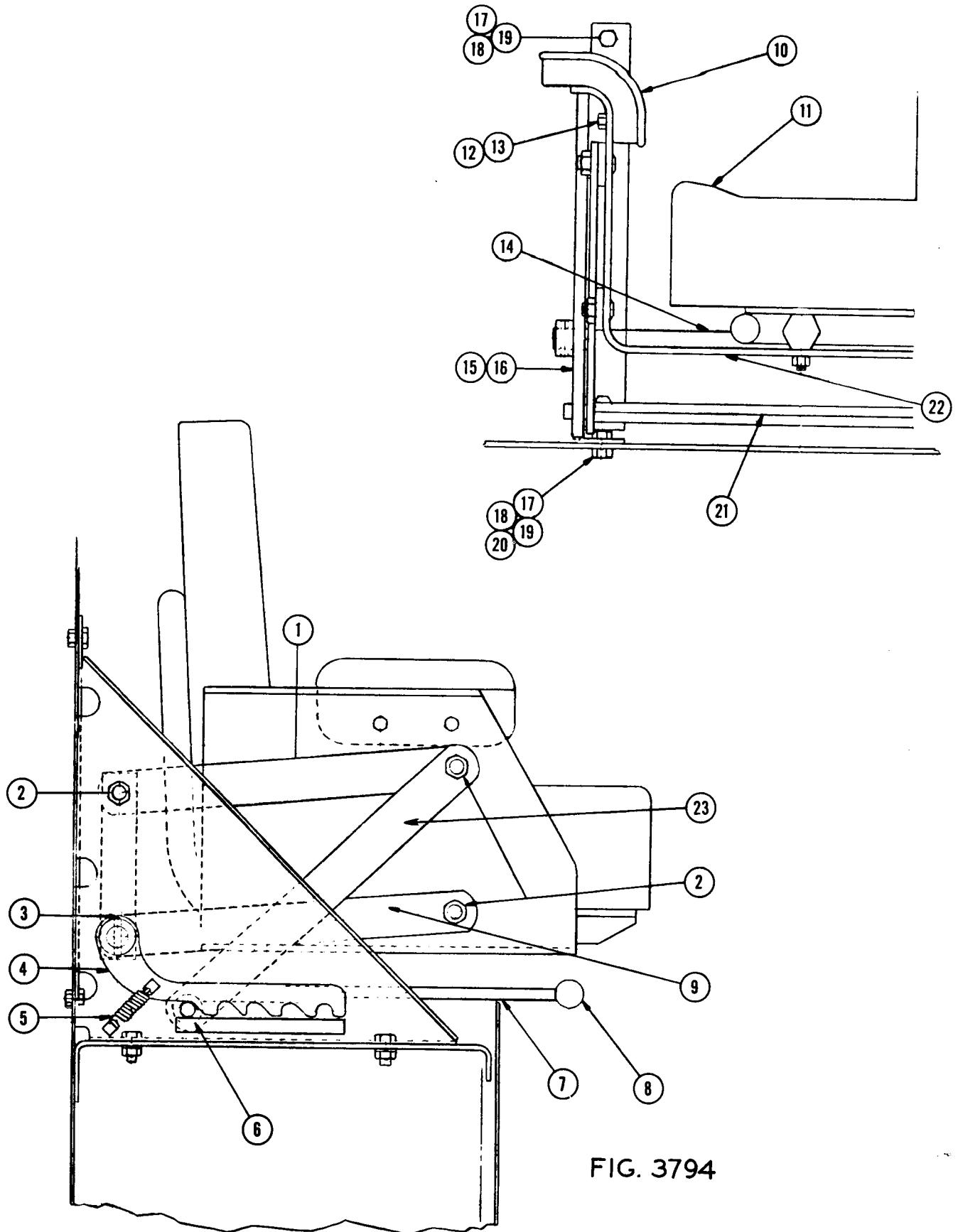


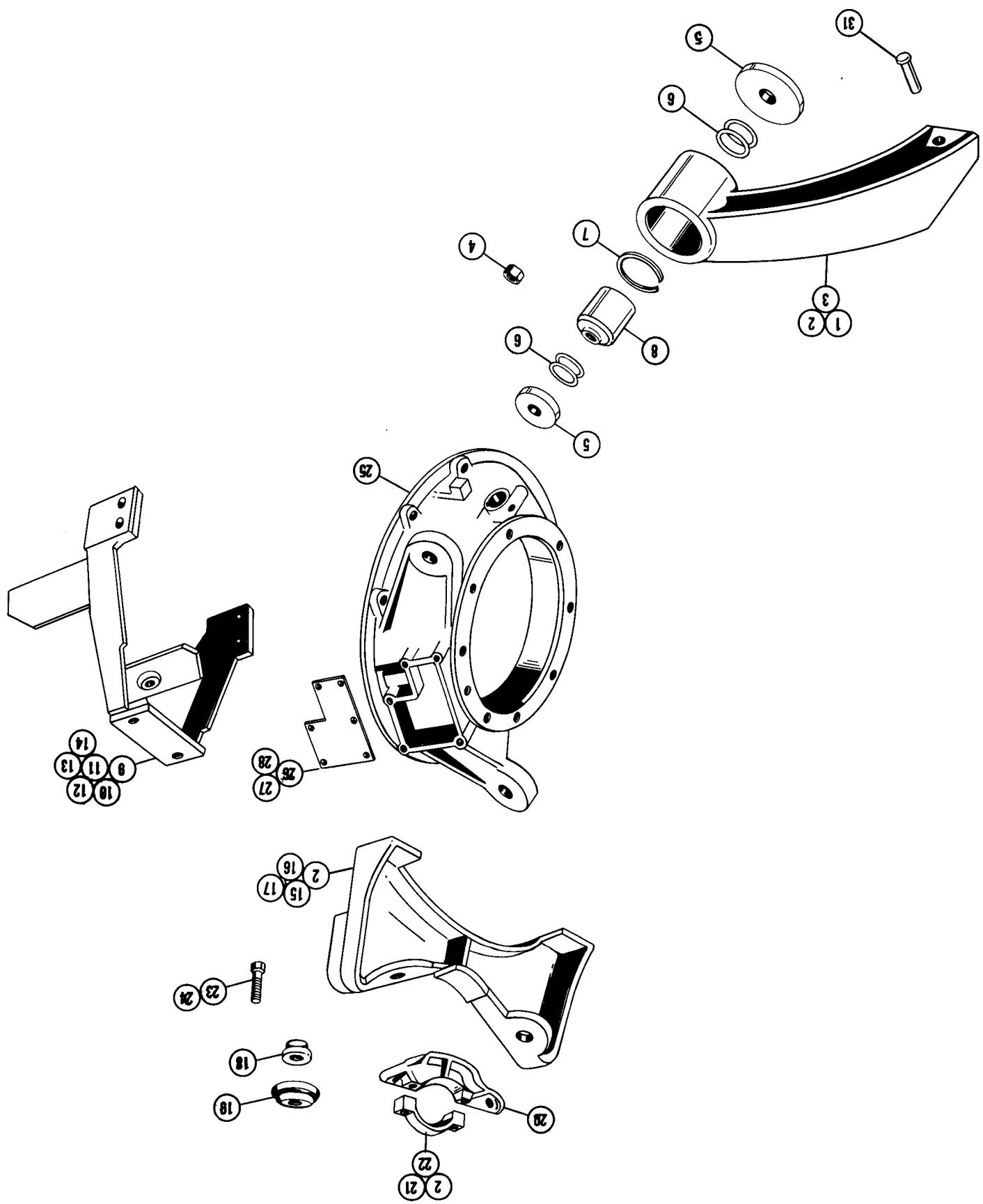
FIG. 3794

SEAT - BUCKET

Ref.	Part No.	Qty.	Description
1	VR1282	2	BAR, PIVOT
2	VM1483	6	NUT, LOCK
3	SH8170	2	PIN, ROLL
4	VR1767	1	PLATE, LOCK
5	H3026	2	SPRING
6	DD5640	2	MASHER, FLAT - 1/2"
7	VR1766	1	PLATE, LOCK
8	425017	1	BALL
9	VP3151	2	BAR, PIVOT
10	VP6571	2	ARM REST, ARM
11	VP6574	1	SEAT, BACKET
12	VS2032	1	ADJUSTER, SLIDE
13	VM1404	4	MASHER, LOCK - 1/4"
14	VP3146	1	SHAFT
15	VR1769	1	RISER, R.H. SEAT
16	VR1768	1	RISER, L.H. SEAT
17	C1601	8	SCREW, CAP - 3/8" - 16NC X 3/4"
18	VM1405	8	MASHER, LOCK - 3/8"
19	DF3042	8	WASHER, FLAT - 3/8"
20	C1521	4	NUT - 3/8" - 16NC
21	VP3149	1	BAR
22	VR1275	1	BASE, SEAT
23	VP3152	1	BAR

MOTOR MOUNTS

FIG. 4567

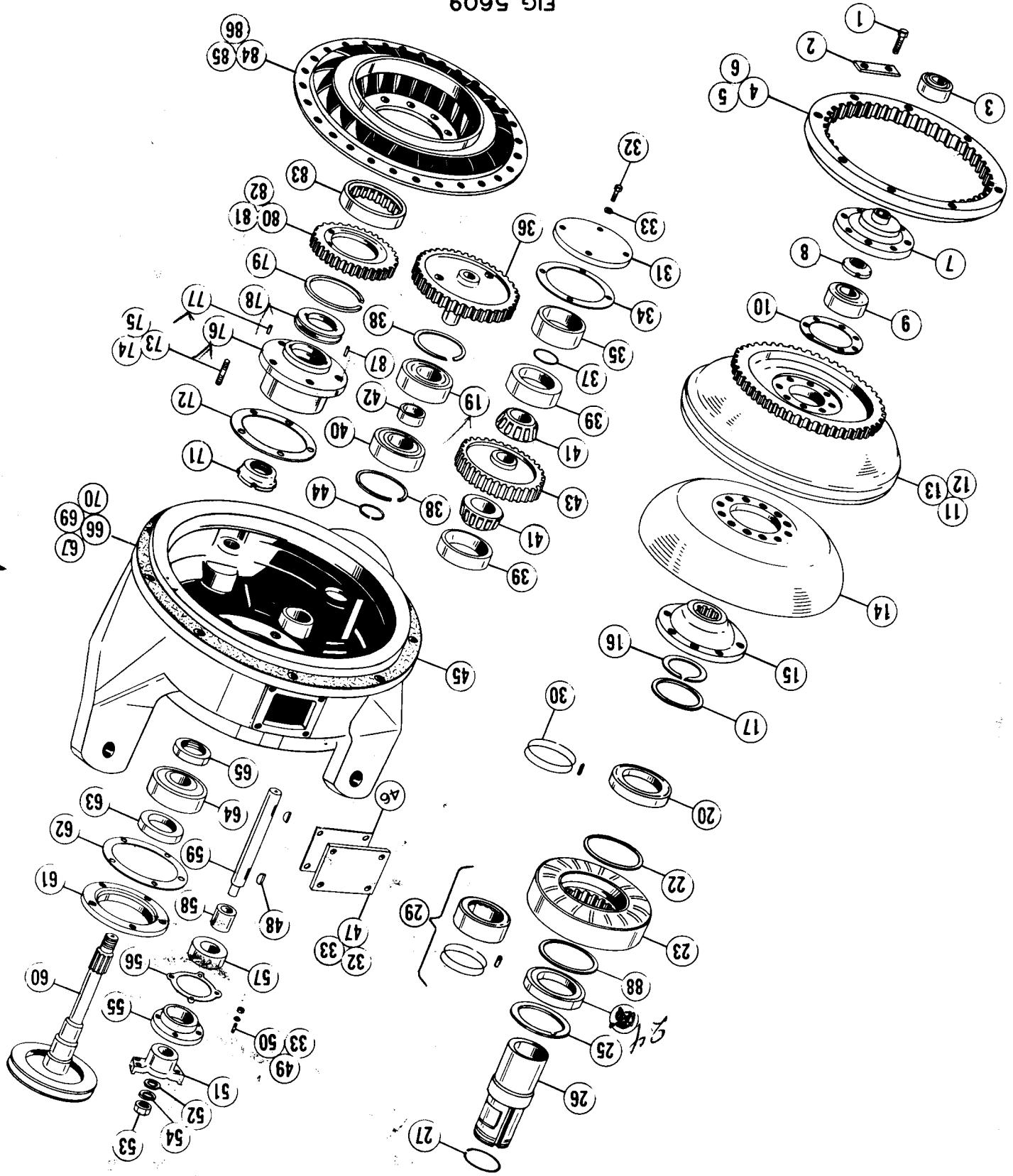


Ref.	Part No.	Qty.	Description
1	662541	1	MOUNT, L.H. (1)
2	662871	1	MOUNT, R.H. (1)
3	662540	1	MOUNT, R.H. (1)
4	662872	1	MOUNT, L.H. (2)
5	722419	2	NUT, LOCK WASHER, LOCK - 5/8" - 11NC X 1 7/8"
6	920115	6	SCREW, CAP - 5/8" - 11NC X 1 7/8"
7	722422	2	RING, SNAP (1)
8	723495	2	SUPPORT, TUBULAR
9	404945	1	SUPPORT, TRUNNION (4)/(7)
10	405395	1	SUPPORT, TRUNNION (5)/(8)
11	920078	2	SCREW, CAP - 9/16" - 13NC X 1 1/2"
12	920076	2	SCREW, CAP - 1/2" - 13NC X 1 3/4"
13	920714	2	SCREW, CAP - 1/2" - 13NC X 1 1/4"
14	VM1454	4	WASHER, LOCK - 1/2"
15	662546	1	SUPPORT, MOTOR (3)/(4)/(5)/(7)/(8)/(9)/(10)
16	406538	1	SUPPORT, MOTOR (7)
17	C1634	4	BOLT - 5/8" - 11NC X 3"
18	722414	2	MOUNT, RUBBER
19	723604	2	CUSHION
20	662578	1	SUPPORT, TRUNNION (3)/(9)/(10)
21	672578	1	CAP, TRUNNION (3)/(9)/(10)
22	920121	2	SCREW, CAP - 5/8" - 11NC X 3 1/2"
23	722430	2	SCREW, CAP
24	RO666	2	NUT, JAM - 5/8" - 11NC
25	662878	1	HOUSING, CLUTCH (4)/(5)/(9)/(10)
26	408048	1	PLATE, COVER (4)/(5)/(9)/(10)
27	920021	8	SCREW, CAP - 5/16" - 18NC X 3 1/4"
28	920710	8	WASHER, LOC - 5/16"
29	722418	2	PIN, DOME
			(1) EFFECTIVE WITH G.M. ENGINE. (2) EFFECTIVE WITH 666BT G.M. ENGINE. (3) EFFECTIVE WITH 777BT CUMMINS ENGINE. (4) EFFECTIVE WITH 666B G.M. ENGINE. (5) EFFECTIVE WITH 777B G.M. ENGINE. (6) EFFECTIVE WITH 666BT CUMMINS ENGINE. (7) EFFECTIVE WITH 666BT G.M. ENGINE. (8) EFFECTIVE WITH 666B G.M. ENGINE. (9) EFFECTIVE WITH 666BT CUMMINS ENGINE. (10) EFFECTIVE WITH 777B CUMMINS ENGINE.
			NOTE: (1) EFFECTIVE WITH G.M. ENGINE. (2) EFFECTIVE WITH CUMMINS ENGINE. (3) EFFECTIVE WITH 777BT CUMMINS ENGINE. (4) EFFECTIVE WITH 666B G.M. ENGINE. (5) EFFECTIVE WITH 777B G.M. ENGINE. (6) EFFECTIVE WITH 666BT CUMMINS ENGINE. (7) EFFECTIVE WITH 666BT G.M. ENGINE. (8) EFFECTIVE WITH 666B G.M. ENGINE. (9) EFFECTIVE WITH 666BT CUMMINS ENGINE. (10) EFFECTIVE WITH 777B CUMMINS ENGINE.

TORQUE CONVERTER

(15" & 16")

FIG. 5609



* VP-1187 drawing for 16" for 7778

NOTE: (1) EFFECTIVE WITH 666BT - GM - 15" CONVENTER.
 (2) EFFECTIVE WITH 777BT - CUMMINS 8 GM - 16" CONVENTER.

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	727290	8	SCREW, CAP PLATE, LOCKING	47	725365	1	PLATE, COVER
2	727491	4	SCREW, CAP PLATE, LOCKING	48	4P0151	2	KEY, WOODRUFF
3	820507	1	GEAR, BEARING	49	725582	4	STUD
4	725428	1	GEAR, RING	50	C9656	4	NUT - 5/16" - 24NF
5	C1613	8	CAPSCREW - 1/2" - 13NC X 1 1/4"	51	472209	1	YOKE
6	D2778	8	LOCKMASHER - 1/2"	52	426200	1	MASHER
7	728803	1	NUT, LOCK	53	H0749	1	NUT - 1/2" - 20NF
8	725417	1	BEARING	54	VM1454	1	LOCWKMASHER
9	725424	5	GASKET	55	725576	1	CAP, SEAL
10	725418	5	GASKET	56	721920	5	SHIM (.005)
11	406361	1	COVER, PUMP (WITH GEAR)	57	721922	3	SHIM (.007)
12	R2028	1	PLUG, PIPE - 1/8"	58	725580	1	COLLAR
13	725421	12	SCREW, CAP	59	725566	1	SHAFT
14	662704	1	TOURBINE (1)	60	405347	1	SHAFT, INPUT
15	725415	1	RING, LOCK	61	662675	1	CAP, BEARING
16	725402	1	HUB, TOURBINE	62	725419	4	GASKET
17	VP1198	1	BEARING, RETAINER (1)	63	725422	1	SEAL, OIL
18	VP1192	1	BEARING, THRUST (1)	64	424751	1	BEARING
19	VP1197	1	BEARING, THRUST (1)	65	725409	1	NUT, LOCK
20	VP1105	1	BEARING (2)	66	662682	1	HOUSING, CONVENTER
21	VP1195	1	WASHER, SPECIAL (1)	67	R2028	2	PLUG, PIPE - 1/8"
22	VP1106	1	WASHER, SPECIAL (2)	68	VM1406	12	CAPSCREW - 7/16" - 14NC X 1 1/2"
23	VR1034	1	MEMBER, REACTION (1)	69	C1609	12	LOCWKMASHER - 7/16"
24	VR0654	1	MEMBER, REACTION (2)	70	VM1406	12	LOCWKMASHER - 7/16"
25	VP1110	1	BEARING (2)	71	725414	1	NUT, LOCK
26	VP1109	1	BEARING (2)	72	725420	1	GASKET
27	VP1103	1	SLEEVE (2)	73	725423	5	STUD
28	VP1063	1	SLEEVE (1)	74	C1522	5	NUT - 3/8" - 24NF
29	725407	1	RING, SEAL	75	VM1405	5	LOCWKMASHER - 3/8"
30	725567	1	SPRING ASSMBLY <i>shim 666</i>	76	662679	1	FLANGE, SLEEVE
31	72547	8	PLATE, COVER <i>shim 666</i>	77	725410	1	KEY, SQUARE
32	C5747	12	GEAR, PUMP DRIVE (1)	78	672698	1	RETAINER, RING
33	72568	8	GEAR, PUMP DRIVE (2)	79	725406	1	RING, SEAL
34	72568	1	GEAR, PUMP DRIVE (2)	80	726489	1	RING, SEAL
35	726366	1	GEAR, PUMP DRIVE (2)	81	C7568	8	LOCWKMASHER - 5/16"
36	VP2222	1	GEAR, TUBE	82	C08700	20	CAPSCREW - 5/16" - 24NF X 1 1/4"
37	720098	1	GEAR, SNAP	83	726442	1	BEARING
38	427603	2	RING, SNAP	84	725924	1	PUMP, CONVENTER
39	350506	2	RING, BEARING	85	C1604	32	CAPSCREW - 3/8" - 16NC X 1 1/2"
40	52224	2	CUP, BEARING	86	SF5160	32	LOCWKMASHER - 3/8"
41	350505	2	CONE, BEARING	87	725429	1	KEY, SQUARE
42	VP2224	1	GEAR, SNAP	88	VP1194	1	MASHER, SPECIAL (1)
43	725575	1	GEAR, SNAP	89	725429	1	MASHER, SPECIAL (2)
44	725569	1	GEAR, SNAP	90	VP1108	1	GASKET
45	726038	1	GEAR, SNAP	91	725429	1	MASHER, SPECIAL (1)
46	725366	1	GEAR, SNAP	92	725429	1	MASHER, SPECIAL (2)

GOVERNOR BRACKETS & SHAFT

FIG. 5610

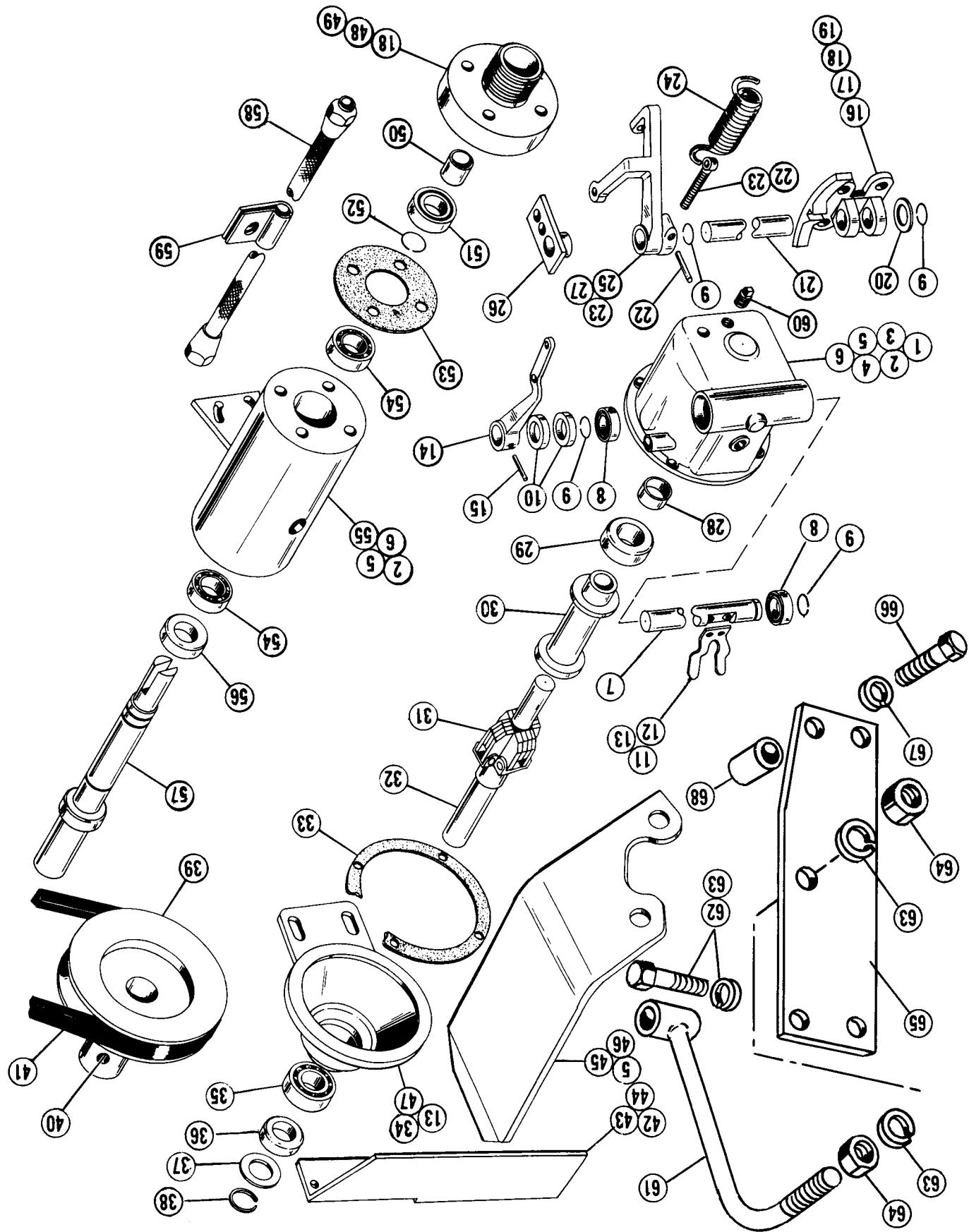


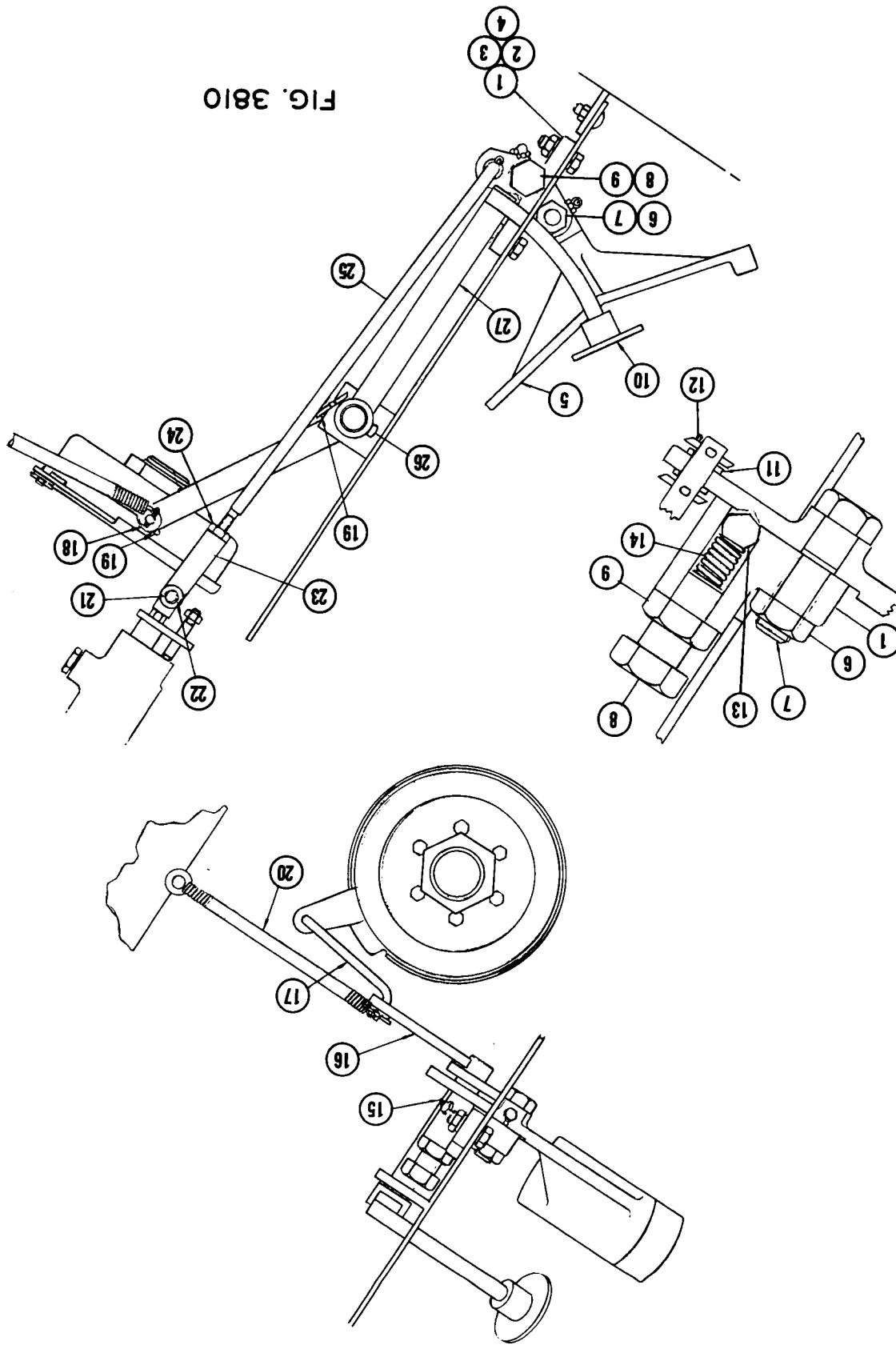
FIGURE 5610

GOVERNOR, BRACKETS & SHAFT

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	729977	1	GOVERNOR (1)	37	475198	1	SEAL, OIL (2)/(4)
2	725662	1	GOVERNOR (2)	38	475195	1	WASHER (1)/(3)
3	C1602	4	CAPSCREW-3/8"-16NC X 1" (2)	39	475194	1	RING, SNAP (1)/(3)
	C1603	2	CAPSCREW -3/8"-16NC X 1 1/4" (1)	40	662719	1	PULLEY
4	C1521	2	NUT - 3/8" - 16NC (2)	41	9801	2	SETSCREW-5/16"-18NC X 3/8"
5	VM1405	6	LOCKWASHER - 3/8"	42	725611	1	BELT - V
6	C1547	4	FLATWASHER - 3/8"	43	725612	1	SUPPORT
7	475714	1	SHAFT	44	C1613	2	CAPSCREW -1/2"-20NC X 1 1/4"
8	475188	2	BEARING, BALL	45	VM1454	2	LOCKWASHER - 1/2"
9	475193	4	RING, SNAP	46	405380	1	SUPPORT (8)
10	VJ0594	1	SEAL (11)/(12)	47	922573	4	CAPSCREW-3/8"-16NC X 1 1/2"
11	475712	1	YOKE	48	725549	1	SCREW, MACHINE-#10-24NC X 3/4"
12	922730	2	SCREW, #10-32NF X 7/16"	49	920006	4	CAPSCREW-1/4"-20NC X 1 1/8"
13	920707	6	LOCKWASHER - #10	50	725553	1	COLLAR
14	475180	1	LEVER, THROTTLE	51	725550	1	SEAL, OIL
15	475196	3	PIN, ROLL	52	VP7065	1	RING, RETAINING (5)
16	VJ0592	1	BRACKET (WITH HOI F FOR LUB. FITTING) * (11)/(12)	53	725556	1	RING, RETAINING (6)
17	VJ0595	2	"O" RING *(5)/(6)	54	725555	1	GASKET
18	C5774	6	LOCKWASHER - 1/4"	55	725552	2	BEARING
19	920512	2	SCREW-1/4" - 20NC X 3/4"	56	405391	1	HOUSING
20	475174	1	WASHER	57	725551	1	SEAL, OIL
21	VJ0589	1	SHAFT, SPEED CHANGE *(1)/(3)	58	VP6162	1	SHAFT (5)
		(11)		59	725548	1	SHAFT (7)
	VJ0590	1	SHAFT, SPEED CHANGE *(2)/(4)	60	728683	1	SHAFT, FLEXIBLE
		(12)		61	424345	1	CLAMP
22	475711	1	SCREW, EYE	62	429320	1	PLUG, PIPE (1)/(3)
23	921504	4	NUT - #12-24NC	63	475189	1	PLUG, PIPE (2)/(4)
24	475186	1	SPRING	64	VR3619	1	SUPPORT (9)
25	475710	1	LEVER (1)	65	405380	1	SUPPORT (10)
	475179	1	LEVER (2)/(4)	66	C5758	1	CAPSCREW -7/16"-14NC X 3" (9)
26	475709	1	LEVER (1)/(3)	67	VM1454	2	LOCKWASHER - 1/2" (9)
27	922594	2	SCREW-#12-24NC X 1 1/4" (3)	68	VM1406	1	LOCKWASHER - 7/16" (9)
28	475197	1	BUSHING	69	C1523	2	NUT - 1/2"
29	475715	1	BEARING	70	VP7151	1	PLATE, GOVERNOR SUPPORT (9)
30	475713	1	SLEEVE	71	H9912	2	CAPSCREW-5/16"-18NC X 3 1/2"(9)
31	475707	4	WEIGHT, LAMINATED (3)	72	CD0296	2	LOCKWASHER -5/16"
32	475708	1	SHAFT (WITH SPIDER) (1)/(3)	73	726841	2	SPACER (9)/(10)
	475717	1	SHAFT (WITH SPIDER & BUSHING)	74	725614	1	U-JOINT (2)
		(2)/(4)		75	725613	1	U-JOINT (1)
33	475191	1	GASKET	76	VP4361	1	U-JOINT (2)
34	475175	1	FLANGE (1)/(3)	77	VP4362	1	U-JOINT (1)
	475176	1	FLANGE (2)/(4)	78	727625	1	ROD, CONTROL
35	522074	1	BEARING, BALL	79	VJ0593	1	WASHER * (11)/(12)
36	475190	1	SEAL, OIL (1)/(3)	80	VJ0591	1	FITTING, LUB * (11)/(12)
NOTE: (1) EFFECTIVE WITH 777BT CUMMINS ENGINE. (2) EFFECTIVE WITH 666BT/777BT G.M. (3) INCLUDED IN 729977. (4) INCLUDED IN 725662. (5) EFFECTIVE WITH 666BT SERIAL NUMBER 6642 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER. (6) USED PRIOR TO ABOVE SERIAL NUMBERS. (7) ORDER VR3405 KIT AFTER INITIAL INSTALLATION ORDER INDIVIDUAL PARTS AS INDICATED BY NOTE 5. (8) EFFECTIVE WITH 666BT. (9) EFFECTIVE WITH 777BT - GM SERIAL NUMBER 6914 AND LATER. (10) EFFECTIVE PRIOR TO SERIAL NUMBERS IN NOTE 9. (11) INCLUDED IN VJ0586 KIT FOR GM ENGINE. (12) INCLUDED IN VJ0587 KIT FOR CUMMINS ENGINE. (*) THESE NEW PARTS REPLACE COMPARABLE OLD PARTS BY KITS. IF REPLACING OLD PARTS IN REPAIR FOR FIRST TIME, IT WILL BE NECESSARY TO ORDER REPAIR KIT. AFTER INITIAL REPLACE- MENT, INDIVIDUAL PARTS MAY BE ORDERED.							

CONTROLS-HYDRAULIC CLUTCH
& BRAKE

FIG. 3810



No.	Part No.	Qty.	Description
1	662790	1	SUPPORT, CLUTCH LEVER
2	C1614	2	SCREW, CAP - 1/2" - 13NC X 1 1/2"
3	C1540	4	WASHER, LOCK - 1/2"
4	C1523	2	NUT - 1/2" - 13NC
5	662854	1	PEDAL, CLUTCH
6	E5222	1	NUT, JAM - 3/4" - 10NC
7	C1646	1	SCREW, CAP - 3/4" - 10NC X 2 1/2"
8	VN6413	1	SCREW, CAP - 7/8" - 9NC X 1 3/4"
9	DC6338	1	NUT, JAM - 7/8" - 9NC
10	405419	1	PAD
11	728053	2	WASHER, SPECIAL
12	C1556	2	PIN, COTTER - 3/16"
13	720530	1	BALL
14	720529	1	SPRING, COMPRESSION
15	722726	2	FITTING, GREASE
16	VR2329	1	ARM
17	728028	1	LINK
18	C1547	2	WASHER, FLAT - 3/8"
19	922156	2	PIN, COTTER - 1/8" X 3/4"
20	722532	1	SPRING
21	4P2578	1	PIN
22	922122	1	PIN, COTTER - 3/32" X 3/4"
23	4P2569	1	YOKER
24	R6864	1	NUT, JAM - 3/8" - 24NF
25	VP4464	1	ROD, CLUTCH
26	DP0621	1	PIN, DRILLED
27	VR2634	1	PEDAL

PIPING, HYD.-TORQUE CONVERTER

FIG. 5611

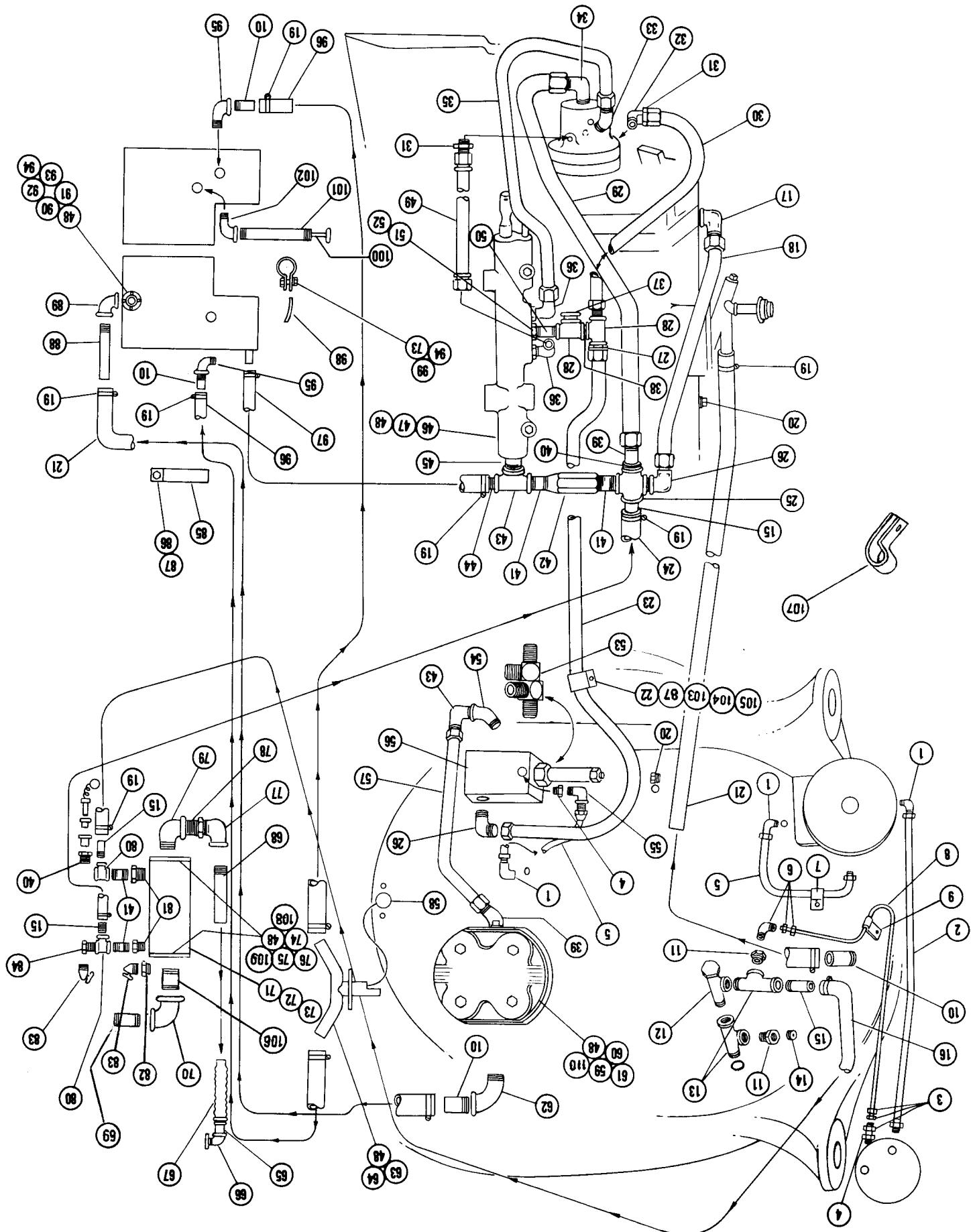


FIGURE 5611

PIPING, HYD. - TORQUE CONVERTER

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	724068	3	ELBOW	52	720490	1	LOCKNUT
2	HA0490	1	HOSE ASSY	53	VR2821	1	FITTING
3	VL8688	1	CONNECTOR, STRAIGHT (FOR STEEL TUBE)	54	R5016	1	ELBOW
	726581	1	UNION, COMPRESSION (FOR COPPER TUBE)	55	R0900	1	ELBOW
4	HC1580	2	BUSHING, PIPE	56	725442	1	VALVE (SEE INDEX)
5	HA0485	2	HOSE ASSY	57	HA0483	1	HOSE ASSY
6	VL8689	1	ELBOW, CONNECTOR (FOR STEEL TUBE)	58	HC1612	1	"O" RING
	726582	1	ELBOW, COMPRESSION (FOR COPPER TUBE)	59	121028	1	PUMP (SEE INDEX)
7	424063	1	CLAMP	60	725440	6	STUD
8	VP7181	1	TUBE, STEEL (1)	61	C1522	6	NUT
	VP7180	1	TUBE, NYLON (1)	62	SD5164	1	ELBOW, STREET
9	720462	1	CLAMP (FOR STEEL TUBE)	63	405802	1	TUBE
	4P2565	1	CLAMP (FOR COPPER TUBE)	64	C1601	2	CAPSCREW
10	720567	4	NIPPLE	65	725500	1	PIPE, T.O.E.
11	SD5207	2	BUSHING, PIPE	66	405377	1	CONNECTOR, COOLER
12	VP1399	1	VALVE, RELIEF	67	724302	1	FLEX HOSE
13	SP1263	2	TEE, PIPE	68	725464	1	PIPE, THREADED
14	HD6331	1	PLUG, PIPE	69	VP5613	1	PIPE, T.O.E.
15	727132	4	PIPE, T.O.E.	70	VP6264	1	ELBOW
16	725883	1	HOSE, SUCTION	71	725444	1	EXCHANGER, HEAT (SEE INDEX)
17	TG7442	1	ELBOW	72	H8620	4	CAPSCREW-5/16"-18NC X 1 1/4"
18	KC0579	1	HOSE ASSY	73	CD0296	5	LOCKWASHER - 5/16"
19	VL6197	14	CLAMP	74	405341	1	BRACKET, FRONT
20	C5768	2	PLUG, PIPE - 1/8"	75	725383	1	BRACKET, REAR
21	720568	2	HOSE	76	VM1478	2	CAPSCREW-3/8"-16NC X 1 1/8"
22	424345	1	CLAMP	77	820354	1	ELBOW, STREET
23	HA0547	1	HOSE ASSY	78	725462	1	BUSHING, PIPE
24	VN8321	1	HOSE, SUCTION	79	SD5165	1	ELBOW, STREET
25	TG0444	1	FITTING, PIPE CROSS	80	SD5168	2	TEE
26	VM1339	2	ELBOW	81	725456	2	BUSHING, PIPE
27	SV7011	1	ADAPTOR	82	R0086	1	BUSHING
28	DCT1916	2	FITTING, PIPE TEE	83	429746	2	COCK, DRAIN
29	HA0146	1	HOSE ASSY	84	SD5208	1	BUSHING, PIPE
30	TH3485	1	HOSE ASSY	85	405358	1	BRACKET
31	TL5661	2	ADAPTOR	86	C1617	1	CAPSCREW-1/2"-13NC X 2 1/4"
32	S2916	1	ELBOW, STREET	87	VM1454	2	LOCKWASHER - 1/2"
33	VM3906	1	ELBOW	88	725396	1	PIPE, T.O.E.
34	TC8490	2	ELBOW	89	HC9930	1	ELBOW, REDUCING
35	KB7390	1	HOSE ASSY	90	405246	1	PLATE, COVER
36	TH7594	2	ELBOW - 90°	91	725188	1	FILTER, OIL
37	HD1007	1	BUSHING, PIPE	92	725166	1	GASKET
38	405588	1	NIPPLE, ORIFICE	93	725179	4	STUD
39	TR0455	2	ELBOW	94	C1522	5	NUT - 3/8" - 24NF
40	SF4094	2	BUSHING, PIPE	95	F6769	2	ELBOW, STREET
41	SD5203	4	NIPPLE, PIPE	96	726471	2	HOSE
42	725454	1	VALVE, CHECK	97	725490	1	HOSE, SUCTION
43	TF5798	1	TEE	98	VP3382	1	BRACKET
44	728644	1	PIPE, T.O.E.	99	C5747	1	CAPSCREW-5/16"-18NC X 3/4"
45	DC3418	1	NIPPLE	100	405359	1	DIPSTICK
46	405973	1	VALVE (SEE INDEX)	101	725463	1	NIPPLE
47	CC8396	2	CAPSCREW-3/8"-16NC X 2 3/4"	102	F4037	1	ELBOW, STREET
48	VM1405	16	LOCKWASHER - 3/8"	103	VP7319	1	BRACKET
49	VW9156	1	HOSE ASSY	104	C1611	1	CAPSCREW-1/2"-13NC X 3/4"
50	726667	1	ELBOW	105	C1523	1	NUT - 1/2" - 13NC
51	SV9812	1	"O" RING	106	VP6265	1	NIPPLE
			NOTE: (1) VP7181 STEEL TUBE AND VP7180 NYLON TUBE REPLACE 726583 COPPER TUBE IF COPPER TUBE IS BEING REPLACED, ALSO ORDER 1-VL8689 ELBOW CONNECTOR 1 - 720462 DAMP AND 1-VL8688 STRAIGHT CONNECTOR.	107	121067	1	BRACKET
				108	VP5870	1	SPACER
				109	CC8396	1	CAPSCREW-3/8"-16NC X 2 3/4"
				110	725571	1	GASKET
			(EFFECTIVE WITH 777BT G.M.)				

PIPING, HYDRAULIC-TORQUE CONVERTER

FIG. 5612

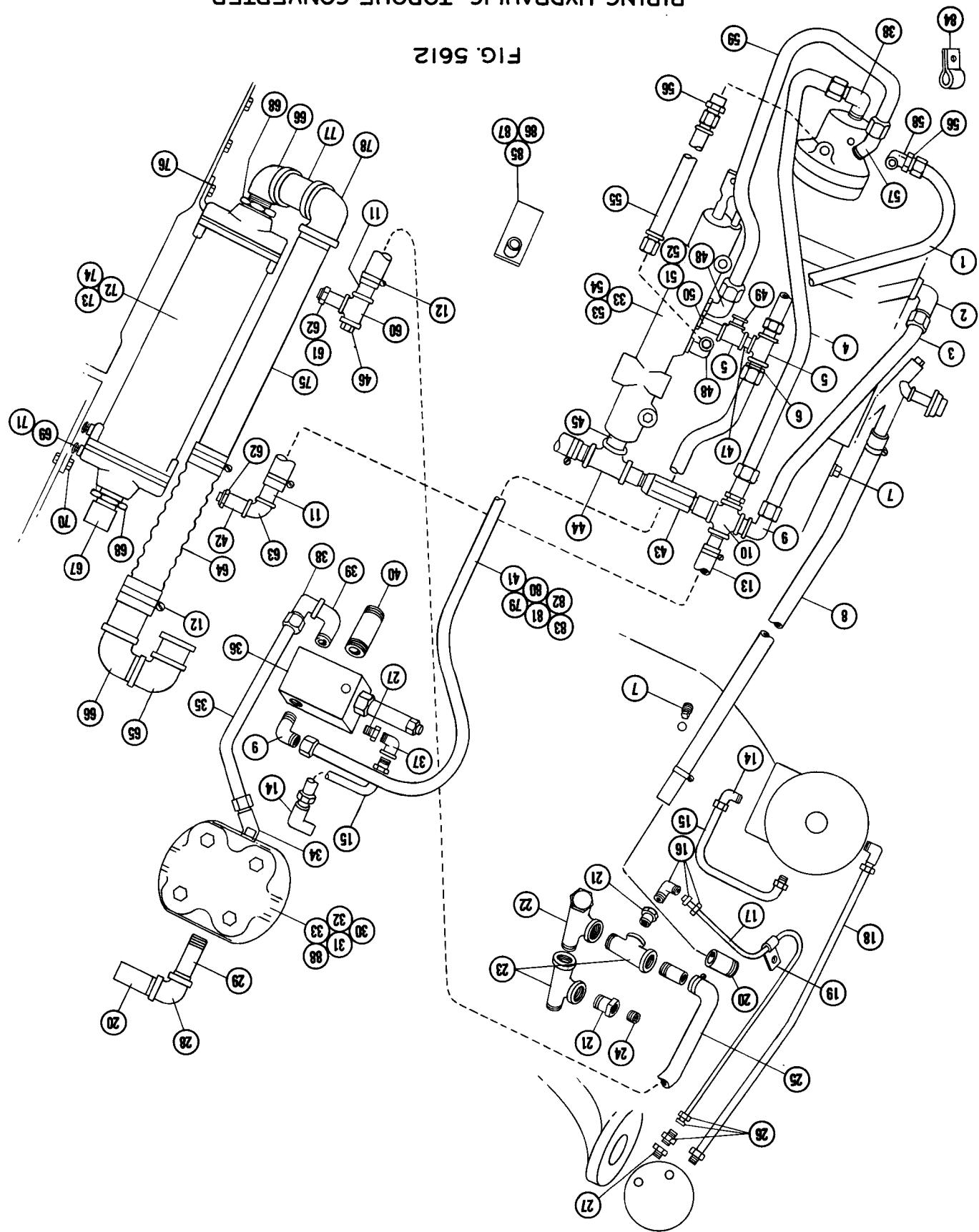


FIGURE 5612

PIPING, HYD. - TORQUE CONVERTER

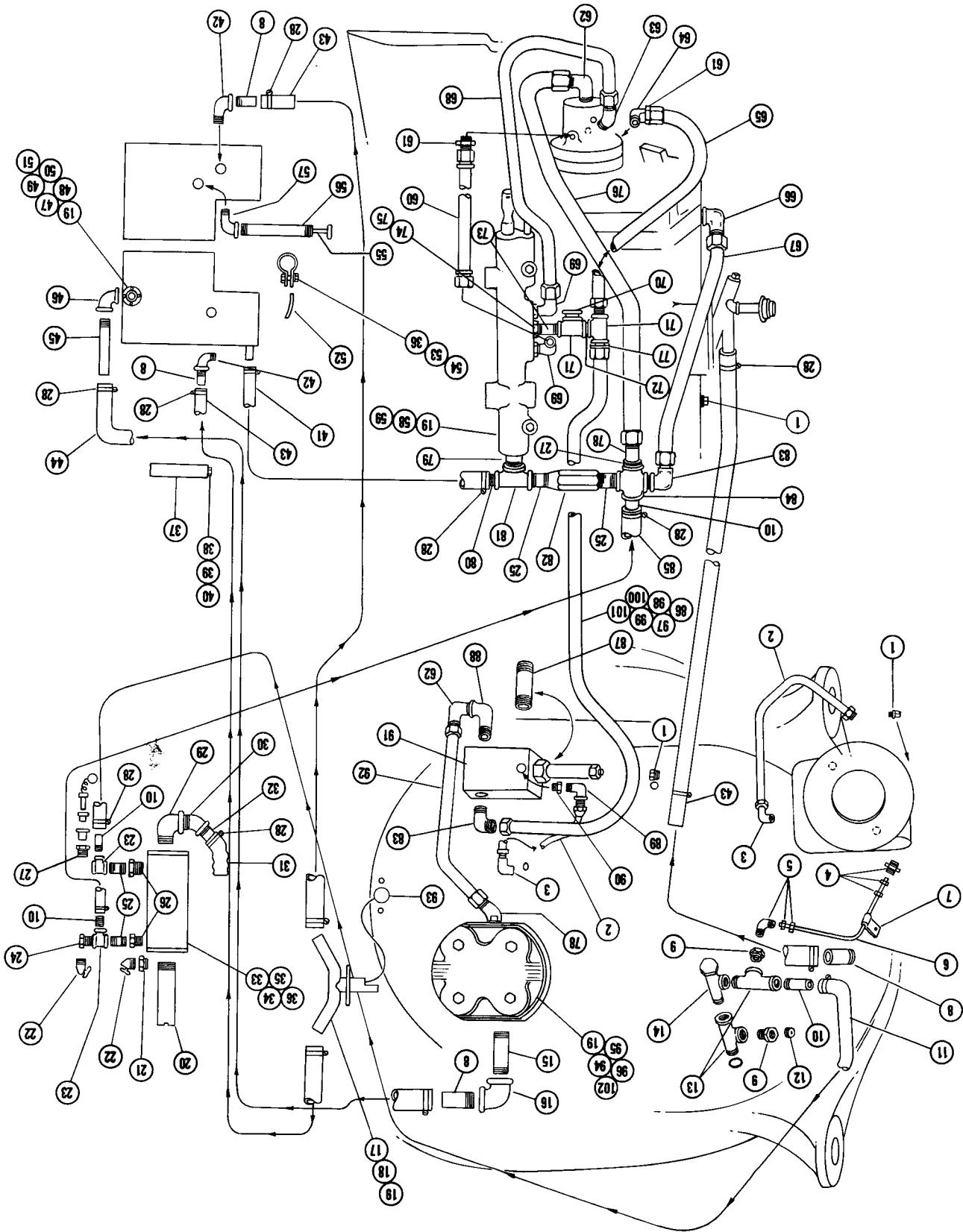
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	TH3485	1	HOSE ASSY	42	SD5203	3	NIPPLE, PIPE
2	TG7442	1	ELBOW	43	725454	1	VALVE, CHECK
3	KC0579	1	HOSE ASSY	44	TF5798	1	TEE
4	HA0146	1	HOSE ASSY	45	DC3418	1	NIPPLE, PIPE
5	DC1916	2	TEE	46	SF4094	2	BUSHING
6	SV7011	1	ADAPTOR	47	405588	1	NIPPLE, ORIFICE
7	C5768	2	PLUG, PIPE - 1/8"	48	TH7594	2	ELBOW - 90°
8	720568	1	HOSE, SUCTION	49	HD1007	1	BUSHING
9	VM1339	2	ELBOW	50	726667	1	FITTING, BULK HEAD
10	TG0444	1	CROSS, PIPE	51	SV9812	1	"O" RING
11	727132	4	PIPE, T.O.E.	52	720490	1	LOCKNUT
12	VL6197	8	CLAMP, HOSE	53	405973	1	VALVE (SEE INDEX)
13	VN8321	1	HOSE, SUCTION	54	CC8396	2	CAPSCREW-3/8"-16NC X 2 3/4"
14	724068	3	ELBOW	55	VW9156	1	HOSE ASSY
15	HA0485	2	HOSE ASSY	56	TL5661	2	FITTING, TUBE
16	VL8689	1	ELBOW, CONNECTOR (FOR STEEL TUBE)	57	VM3906	1	ELBOW - 45°
	726582	1	ELBOW, COMPRESSION (FOR COPPER TUBE)	58	S2916	1	ELBOW, STREET
				59	KB7390	1	HOSE ASSY
				60	SD5168	1	TEE
17	VP7181	1	TUBE, STEEL (1)	61	426705	1	NIPPLE, PIPE
	VP7180	1	TUBE, NYLON (1)	62	725456	2	BUSHING
18	HA0490	1	HOSE ASSY	63	DC4976	1	ELBOW, PIPE
19	720462	1	CLAMP (FOR STEEL TUBE)	64	724303	1	HOSE
	4P2565	1	CLAMP (FOR COPPER TUBE)	65	405805	1	CONNECTOR, COOLER
20	720567	2	PIPE, T.O.E.	66	820354	2	ELBOW, STREET
21	SD5207	2	BUSHING, PIPE	67	725500	2	PIPE, T.O.E.
22	VP1399	1	VALVE, RELIEF (SEE INDEX)	68	725462	2	BUSHING
23	SP1263	2	TEE	69	R0086	2	BUSHING
24	HD6331	1	PLUG, PIPE	70	726470	1	BRACKET, COOLER REAR
25	725465	1	HOSE, SUCTION	71	429746	2	COCK, DRAIN
26	VL8688	1	CONNECTOR, STRAIGHT (FOR STEEL TUBE)	72	726465	1	EXCHANGER, HEAT (SEE INDEX)
	726581	1	UNION, COMPRESSION (FOR COPPER TUBE)	73	VC3573	4	CAPSCREW-1/4"-20NC X 1 1/4"
				74	VM1404	4	LOCKWASHER - 1/4"
				75	726464	1	PIPE, T.O.E.
27	HC1580	2	BUSHING, PIPE	76	726469	1	BRACKET, COOLER FRONT
28	DC4976	1	ELBOW, STREET	77	726762	1	NIPPLE
29	SG3430	1	NIPPLE	78	820248	1	ELBOW
30	121028	1	PUMP (SEE INDEX)	79	424345	1	CLAMP
31	725440	6	STUD	80	VP7319	1	BRACKET
32	C1522	6	NUT - 3/8" - 24NF	81	C1611	1	CAPSCREW - 1/2"-13NC X 3/4"
33	VM1405	8	LOCKWASHER - 3/8"	82	C1540	1	LOCKWASHER - 1/2"
34	TR0455	2	ELBOW	83	C1523	1	NUT, 1/2" - 13NC
35	HA0483	1	HOSE ASSY	84	121067	1	CLAMP, HOSE
36	725442	1	VALVE (SEE INDEX)	85	405358	1	BRACKET
37	R0900	1	ELBOW	86	C1617	1	CAPSCREW-1/2"-13NC X 2 1/4"
38	TC8490	2	ELBOW	87	VM1454	1	LOCKWASHER - 1/2"
39	F4037	1	ELBOW	88	725571	1	GASKET
40	728825	1	NIPPLE, PIPE				
41	HA0547	1	HOSE ASSY				

NOTE: (1) VP7181 STEEL TUBE AND VP7180 NYLON TUBE REPLACE 726583 COPPER TUBE - IF COPPER TUBE IS BEING REPLACED, ALSO ORDER 1-VL8689 CONNECTOR ELBOW, 1-720462 CLAMP AND 1-VL8688 STRAIGHT CONNECTOR.

(EFFECTIVE WITH 666BT G.M.)

PIPING, HYD.-TORQUE CONVERTER

FIG. 5613



(EFFECTIVE WITH 777BT CUMMINS)

Ref.	No.	Qty.	Description	Part No.	Qty.	Ref.	No.	Description	Part No.	Qty.	Ref.	No.	Description
1	C5768	3	PLUG, PIPE	725179	4	STUD	49	NUT	VP3382	1	FILTER	52	ELBOW, FILTER
2	HA0485	1	HOSE ASSY	725188	1	NUT	50	C1522	4	NUT	51	ELBOW, PIPE	
3	724068	2	ELBOW	725188	1	FILTER	52	C1522	4	NUT	50	UNION, COMPRESSION	
4	726581	1	UNION, COMPRESSION	VP3382	1	BRAKET	53	C5747	1	CAPS CREW-5/16"-18NC X 3/4"	54	TUBE, COPPER	
5	4P2565	1	CLAMP	C5747	1	NUT	54	C1520	1	NUT - 5/16" - 18NC	55	405359	
6	724327	1	TUBE, COPPER	405359	1	DIPSTICK	55	725463	1	DIPSTICK	56	4P2567	
7	4P2566	1	CLAMP	725463	1	NIPPLE	56	F4037	1	ELBOW, STREET	57	727132	
8	720567	4	PIPE, T.O.E.	F4037	1	NIPPLE	57	405973	1	VALLE (SEE INDEX)	58	SD5207	
9	727132	1	BUSHING, PIPE	405973	1	VALLE (SEE INDEX)	58	C08396	2	CAPS CREW-3/8"-16NC X 2 3/4"	59	H6331	
10	SD5207	4	PIPE, T.O.E.	405973	1	VALLE (SEE INDEX)	59	C08396	2	CAPS CREW-3/8"-16NC X 2 3/4"	60	725511	
11	H6331	1	PIPE	VM9156	1	HOSE ASSY	60	VM9156	1	HOSE ASSY	61	SP1263	
12	725511	1	HOSE	405973	1	HOSE ASSY	61	TL5661	2	FITTING, TUBE	62	SD3430	
13	SD3430	1	VALLE, RELIEF (SEE INDEX)	VM9156	1	HOSE ASSY	62	TC8490	2	ELBOW - 90°	63	DC4976	
14	VP1399	2	TE, PIPE	VM9156	1	HOSE ASSY	63	TC8490	2	ELBOW - 45°	64	405802	
15	14	1	VALLE, RELIEF (SEE INDEX)	VM9156	1	HOSE ASSY	64	S2916	1	ELBOW, STREET	65	405802	
16	DC4976	1	NIPPLE	VM9156	1	HOSE ASSY	65	TH3485	1	HOSE ASSY	66	18	
17	405802	1	PIPE	TH3485	1	HOSE ASSY	66	TH7442	1	ELBOW	67	19	
18	C1601	2	BUSHING, PIPE	TH7442	1	ELBOW	67	KC0579	1	HOSE ASSY	68	VM1405	
19	VM1405	14	PIPE, T.O.E.	TH7442	1	ELBOW	68	KB7390	1	HOSE ASSY	69	723507	
20	723507	1	PIPE, T.O.E.	TH7442	1	ELBOW	69	TH7594	2	ELBOW - 90°	70	R0086	
21	R0086	1	BUSHING, PIPE	TH7594	2	ELBOW	70	H1007	1	BUSHING, PIPE	71	SD5168	
22	429746	2	COCK, DRAIN	H1007	1	ELBOW	71	DC1916	2	TEE, PIPE	72	SD5208	
23	SD5168	2	ELBOW	DC1916	2	TEE, PIPE	72	405588	1	NIPPLE, ORIFICE	73	SD5203	
24	SD5208	1	BUSHING, PIPE	405588	1	NIPPLE, ORIFICE	73	726667	1	FITTING, BULKHEAD	74	725456	
25	SD5203	1	NIPPLE, PIPE	726667	1	FITTING, BULKHEAD	74	S9812	1	"O" RING	75	SF4094	
26	725456	2	BUSHING, PIPE	S9812	1	"O" RING	75	720490	1	LOC KNOT	76	VL6197	
27	SF4094	2	BUSHING, PIPE	720490	1	LOC KNOT	76	HA0146	1	HOSE ASSY	77	SD5165	
28	VL6197	14	CLAMP, HOSE	720490	1	HOSE ASSY	77	SV7011	1	ADAPTER	78	725461	
29	SD5165	1	ELBOW, STREET	720490	1	HOSE ASSY	78	TR0455	2	ELBOW	79	725498	
30	725461	1	ELBOW	TR0455	2	ELBOW	79	HOSE	1	PIPE	80	725444	
31	725498	1	ELBOW	HOSE	1	PIPE	80	TF5798	1	VALVE, CHECK	81	82	
32	725444	1	EXCHANGER, HEAT (SEE INDEX)	TF5798	1	TEE, PIPE	81	VM1339	2	ELBOW	82	83	
33	82	1	CAPS CREW - 5/16" - 18NC X 2"	VM1339	2	ELBOW	82	CAPS CREW - 5/16" - 18NC X 1 1/4"	83	CD0296	6		
34	83	2	CAPS CREW - 5/16" - 18NC X 1 1/4"	CAPS CREW - 5/16" - 18NC X 2"	2	ELBOW	83	C1642	1	LOC KMASHER - 5/16"	84	36	
35	84	1	LOC KMASHER - 5/16"	C1642	1	LOC KMASHER - 5/16"	84	CD0296	6	LOC KMASHER - 5/16"	85	37	
36	85	1	LOC KMASHER - 5/16"	C1642	1	LOC KMASHER - 5/16"	85	VN8321	1	HOSE ASSY	86	38	
37	86	1	LOC KMASHER - 5/16"	VN8321	1	HOSE ASSY	86	V82821	1	FITTING	87	39	
38	87	1	FITTING	V82821	1	FITTING	87	VR038	1	"O" RING	88	40	
39	88	1	"O" RING	VR038	1	"O" RING	88	RO900	1	ELBOW	89	41	
40	89	1	"O" RING	RO900	1	ELBOW	89	725405	1	PIPE, T.O.E.	90	42	
41	90	1	ELBOW	725405	1	PIPE, T.O.E.	90	SR9581	2	ELBOW, STREET	91	43	
42	91	1	PIPE, T.O.E.	SR9581	2	ELBOW, STREET	91	725490	1	HOSE, SCTION	92	44	
43	92	1	HOSE	725490	1	HOSE, SCTION	92	725405	1	PIPE (SEE INDEX)	93	45	
44	93	1	PIPE (SEE INDEX)	725405	1	PIPE (SEE INDEX)	93	725396	1	ELBOW, REDUCING	94	46	
45	94	1	ELBOW, REDUCING	725396	1	ELBOW, REDUCING	94	405246	1	PLATE, COVER	95	47	
46	95	1	PLATE, COVER	405246	1	PLATE, COVER	95	C1523	1	NUT - 1/2" - 13NC	96	48	
47	96	1	NUT - 1/2" - 13NC	C1523	1	NUT - 1/2" - 13NC	96	725571	1	GASKET	97		

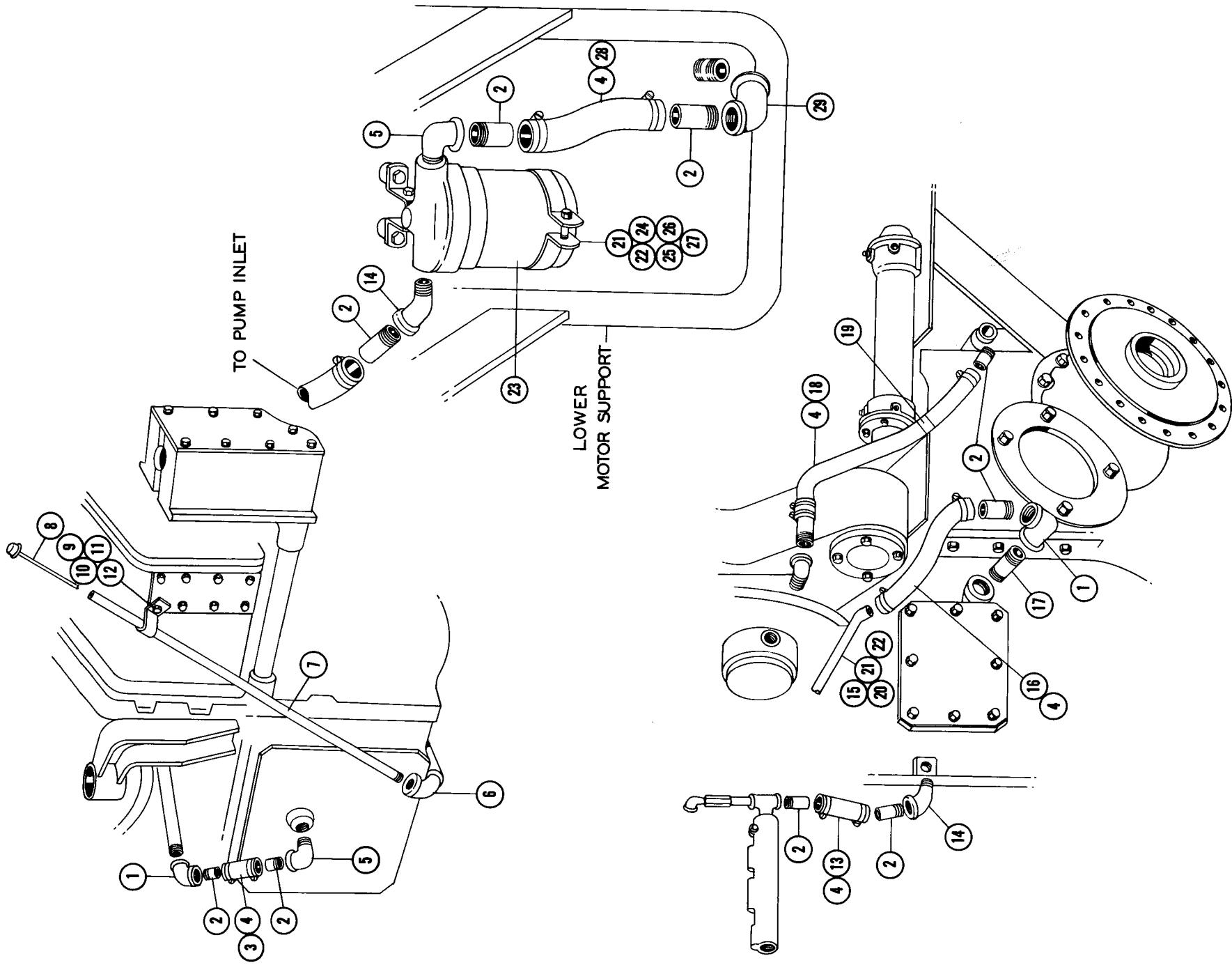


FIG. 4576
PIPING-CONVERTER FILTER

Ref.	Part No.	Qty.	Description	(EFFECTIVE WITH 666BT G.M)
1	DC4976	2	ELBOW	
2	720567	10	PIPE, T.O.E.	
3	720839	1	HOSE, RETURN - R.H.	
4	VL6197	AR	CLAMP	
5	F6769	2	ELBOW, STREET	
6	F4037	1	ELBOW, STREET	
7	720846	1	PIPE, DIPSTICK	
8	406547	1	DIPSTICK	
9	720847	1	CLAMP, DIPSTICK	
10	C5747	1	CAPSCREW - 5/16" - 18NC X 3/4"	
11	C1520	1	NUT - 5/16" - 18NC	
12	CD0296	1	LOCKMASHER - 5/16"	
13	720840	1	HOSE, VALVE RETURN	
14	720563	2	ELBOW	
15	406546	1	PIPE	
16	720841	1	HOSE, RETURN - L.H.	
17	723100	1	NIPPLE	
18	VP4148	1	HOSE	
19	720842	1	CLAMP	
20	HC1612	1	"O" RING	
21	C1601	6	CAPSCREW - 3/8" - 16NC X 3/4"	
22	VM1405	10	LOCKMASHER - 3/8"	
23	7208044	1	FILTER	
24	7208045	4	CLAMP, STRAP	
25	C1604	2	CAPSCREW - 3/8" - 16NC X 1 1/2"	
26	CC8396	2	CAPSCREW - 3/8" - 16NC X 2 3/4"	
27	C1521	4	NUT - 3/8" - 16NC	
28	VP4149	1	HOSE	
29	HC9930	1	ELBOW, REDUCING	

HEAT EXCHANGER & CLUTCH VALVE

FIG. 5614

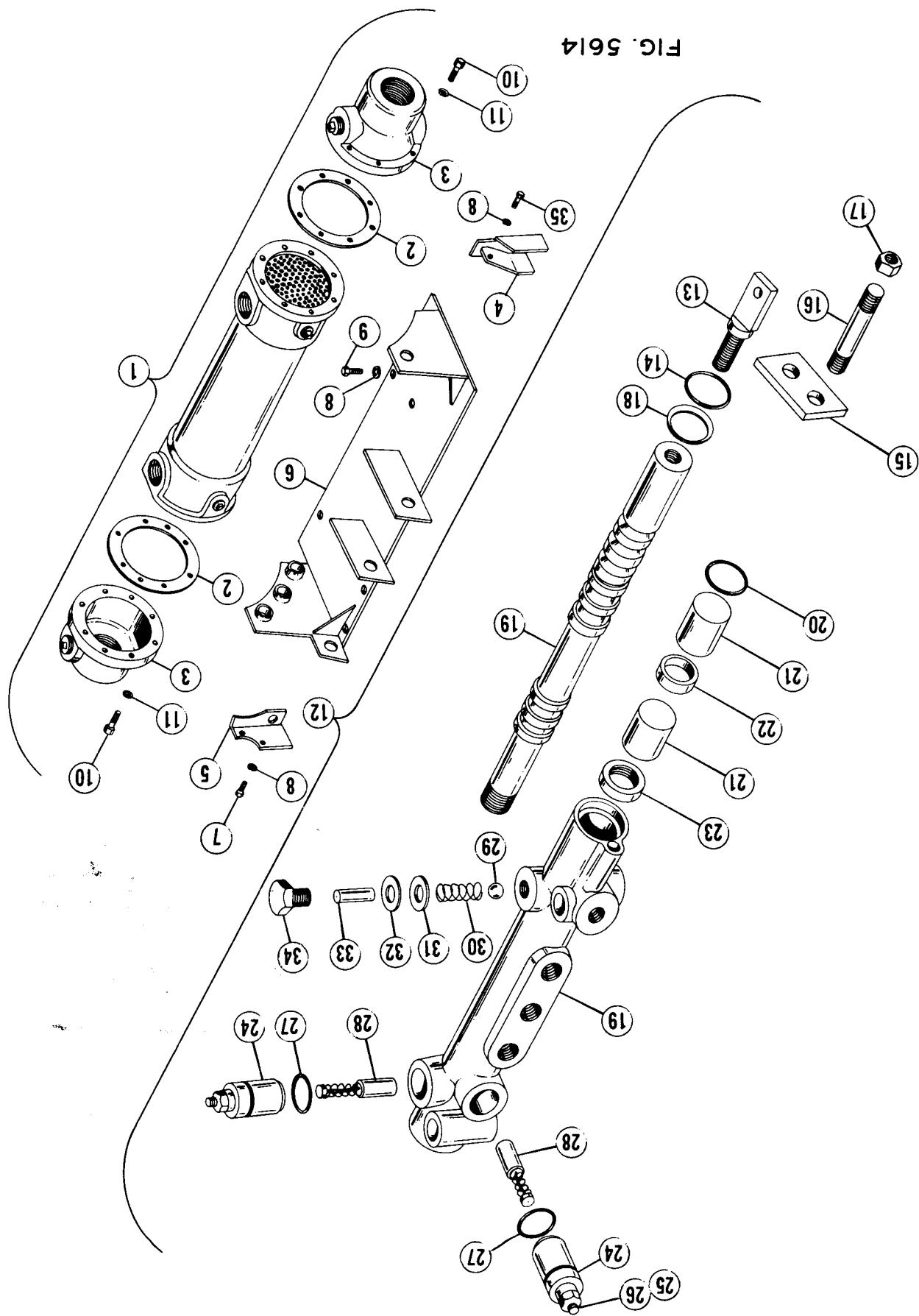


FIGURE 5614 HEAT EXCHANGER AND CLUTCH VALVE

Ref.	No.	Part No.	Qty.	Description
1	726465	1	1	EXCHANGE, HEAT (1)
2	475202	2	2	GASKET BONNET, END
3	405341	1	1	BRACKET, FRONT (2)
4	726469	1	1	BRACKET, REAR (1)
5	725383	1	1	BRACKET, REAR (2)
6	726470	1	1	BRACKET, REAR (1)
7	407305	2	2	BRACKET, COOLER (3)
8	920043	2	2	SCREW, CAP - 3/8" - 16NC X 1 1/4" (3)
9	C1603	6	8	WASHER, LOCK - 3/8" - 16NC X 1 1/8"
10	C1598	10	3	SCREW, CAP - 5/16" - 18NC X 1 1/4"
11	H8620	10	3	SCREW, CAP - 5/16" - 18NC X 1 3/4"
12	405973	1	1	VALVE
13	725261	1	1	BOLT
14	725259	1	1	RING, RETAINER
15	725261	1	1	BAR
16	725257	1	1	STUD
17	921653	1	1	NUT, LOCK - 3/8" - 16NC
18	725260	1	1	RING, WIPER
19	406099	1	1	BODY, VALVE (WITH PISTON)
20	725262	1	1	RING, "O"
21	725272	2	2	BUSHING
22	725271	1	1	SPACER
23	725268	1	1	NUT, LOCK
24	405573	2	2	HOLDER, BRUSH
25	922720	2	2	SCREW - 10 - 16NC X 3/8"
26	725265	2	2	WASHER, FLAT - 3/8"
27	923103	2	2	RING, "O"
28	405574	2	2	BRUSH
29	5P1429	1	1	BALL
30	725482	1	1	SPRING
31	725166	1	1	WASHER, COOPER
32	726167	1	1	PIN, ROLL
33	725258	1	1	CAP
34	CC8396	1	1	SCREW, CAP - 3/8" - 16NC X 2 3/4" (2)

NOTE: (1) EFFECTIVE WITH 666BT WITH G.M. ENGINE.
 (2) EFFECTIVE WITH 777BT WITH G.M. ENGINE.
 (3) EFFECTIVE WITH 777BT WITH G.M. ENGINE.

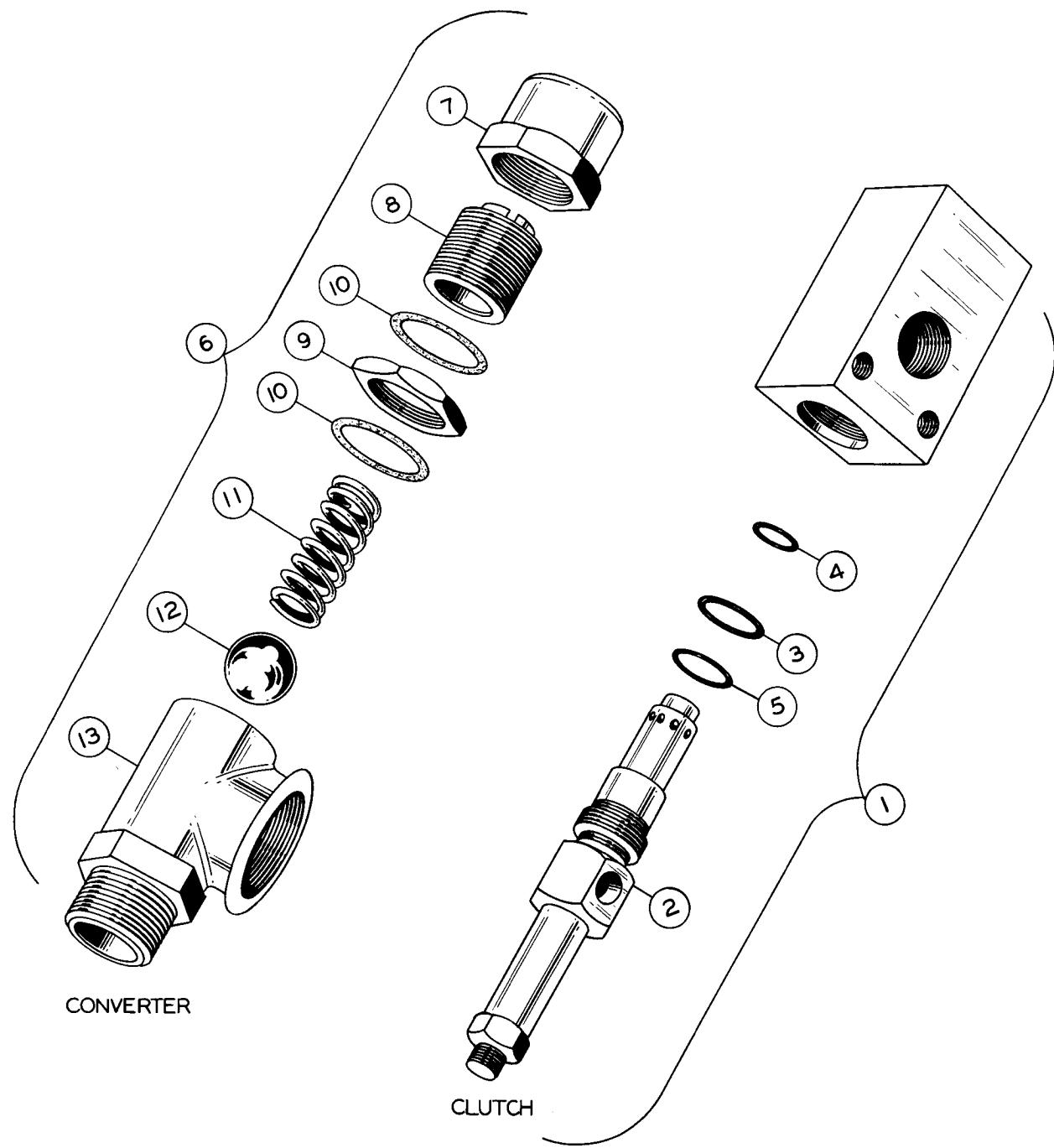


FIG. 3873

VALVES-CLUTCH & TORQUE CONVERTER RELIEF

FIGURE 3873

VALVES - CLUTCH & TORQUE CONVERTER RELIEF

Ref. No.	Part No.	Qty.	Description
1	725442	1	VALVE, CLUTCH RELIEF
2	VP0158	1	STEM, CLUTCH RELIEF VALVE
3	475219	1	"O" RING
4	475221	1	"O" RING
5	VP0045	1	"O" RING
6	VP1399	1	VALVE, CONVERTER RELIEF (30 P.S.I.)
7	475887	1	CAP
8	475888	1	PLUG, ADJUSTING
9	475889	1	NUT, LOCK
10	475890	2	GASKET, CAP
11	VP1378	1	SPRING, PRESSURE
12	475892	1	SEAT, BALL
13	475893	1	BODY

VALVES-LIFT LIMIT

FIG. 4456

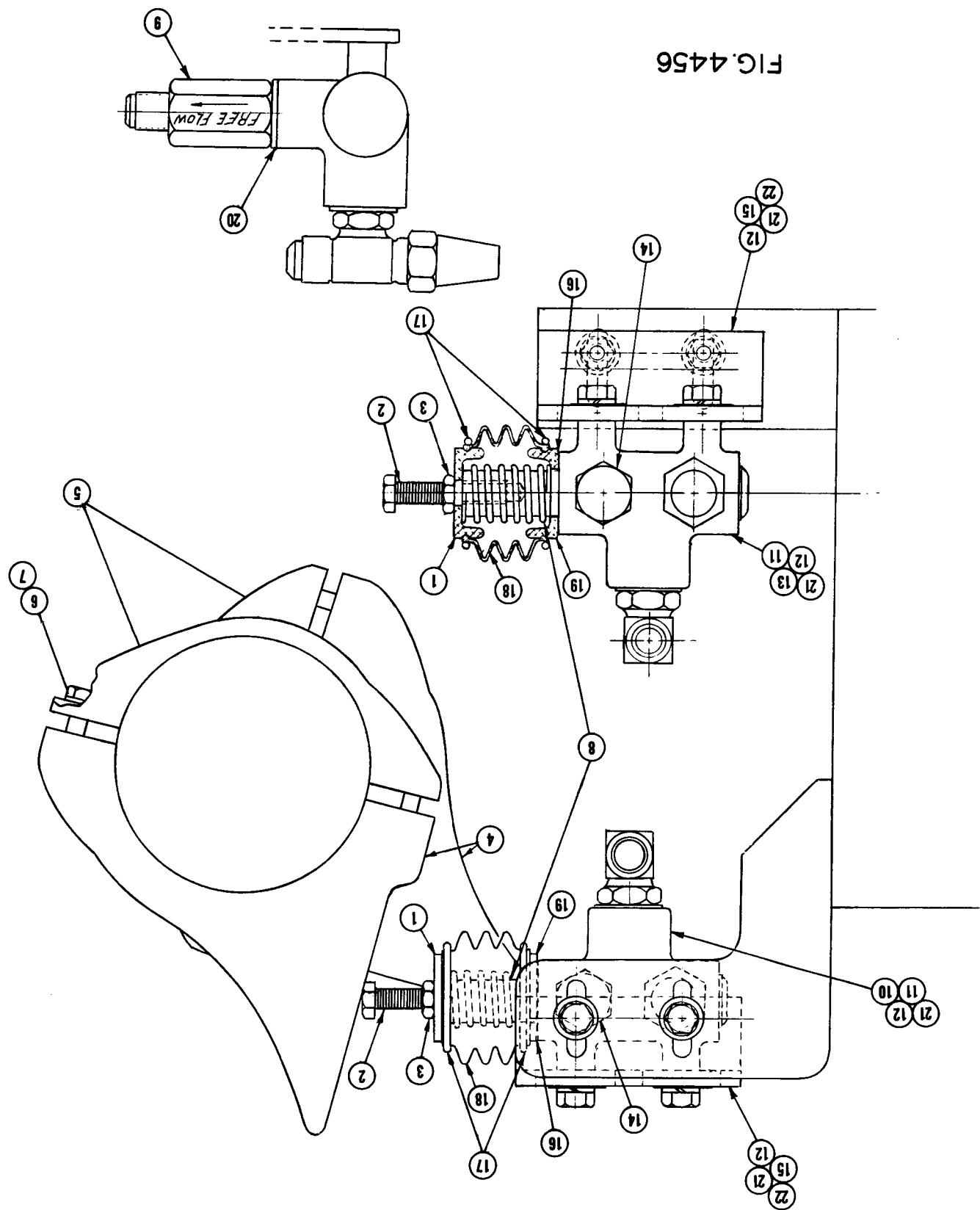


FIGURE 4456

VALVES - LIFT LIMIT

Ref. No.	Part No.	Qty.	Description
1	VP3874	4	GUIDE, SPRING
2	C1604	4	SCREW, CAP - 3/8" - 16NC X 1 1/2"
3	C1521	4	NUT, HEX - 3/8" - 16NC
4	VP4202	4	ACTUATOR BASE (1)
	VP3949	4	ACTUATOR BASE (2)
5	VP4201	4	CAP, ACTUATOR (1)
	VP3948	4	CAP, ACTUATOR (2)
6	C1603	8	SCREW, CAP - 3/8" - 16NC X 1 1/4"
7	VM1405	8	WASHER
8	TD8842	4	SPRING, COMPRESSION
9	VP2078	2	VALVE, CHECK
10	VP2080	2	VALVE, BYPASS (TOP) */#
11	C5747	4	SCREW, CAP - 5/16" - 18NC X 3/4"
12	CD0296	4	WASHER, LOCK - 5/16"
	E3735	4	WASHER, FLAT - 5/16"
13	VP3123	2	VALVE, BYPASS (BOTTOM) */#
14	VM0315	4	PLUG
15	VP2842	2	BRACKET
16	VP3911	4	GASKET
17	VP3873	8	RING, SNAP
18	VP3872	4	BOOT
19	VP3875	4	GUIDE, SPRING
20	SV9812	4	"O" RING
21	E3735	16	WASHER, FLAT - 5/16"
22	E4538	8	SCREW, CAP - 5/16" - 18NC X 7/8"
NS	VP0197	2	"O" RING #
NS	VP0198	2	LEATHER, BACK-UP #
NS	VP0199	2	RING, SNAP #
<p>NOTE: * SPOOL AND HOUSING NOT SOLD AS SEPARATE PARTS, AS THEY ARE SELECT-HONE FITTED AT FACTORY. # THESE ITEMS INCLUDED IN VP2080 AND VP3123 VALVES. (1) EFFECTIVE WITH 666B. (2) EFFECTIVE WITH 777B.</p>			

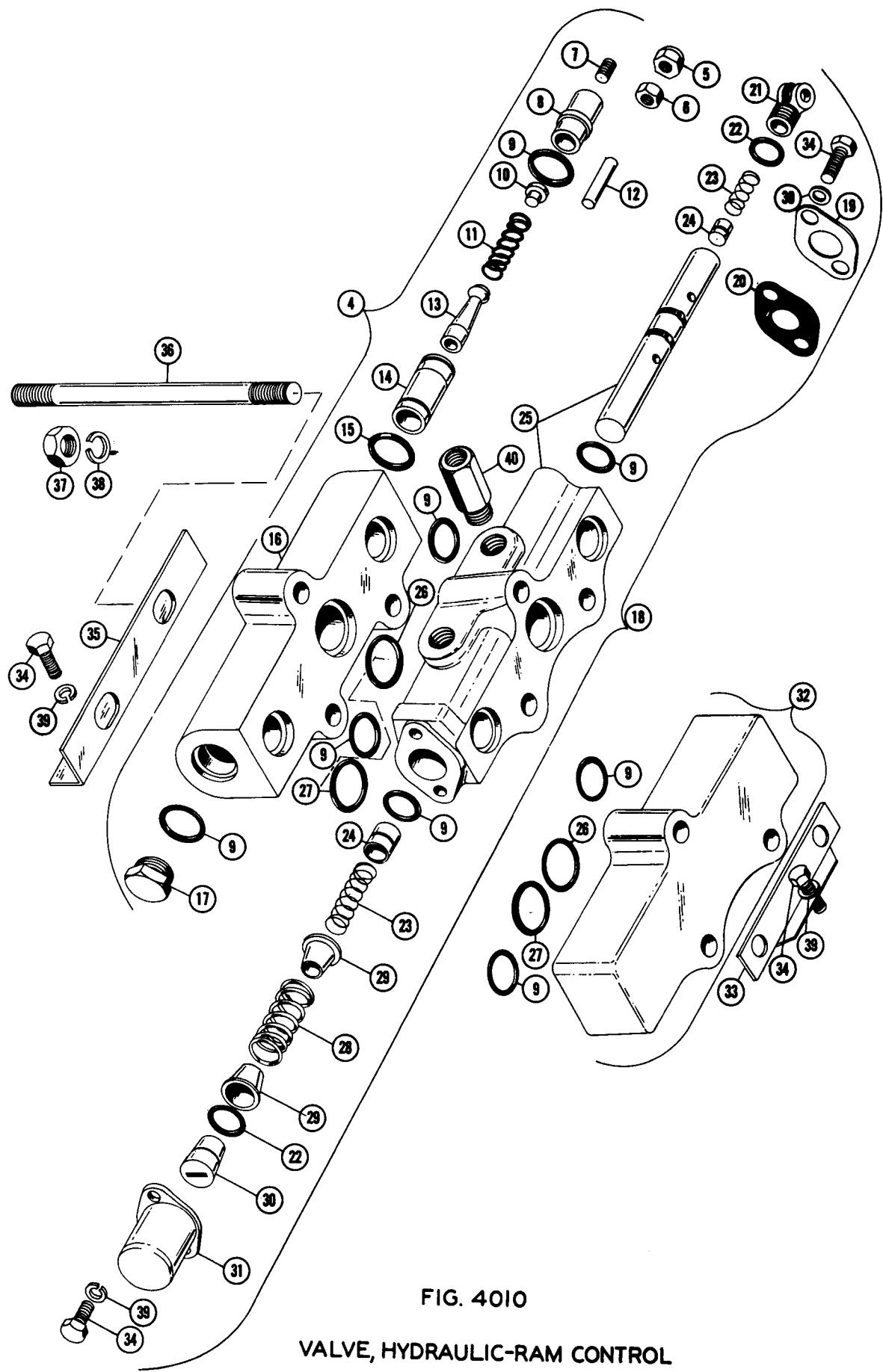


FIG. 4010

VALVE, HYDRAULIC-RAM CONTROL

FIGURE 4010

VALVE, HYD. CONTROL

Ref. No.	Part No.	Qty.	Description
4	VP2082	1	HOUSING ASSEMBLY, INLET SECTION
5	474566	1	NUT, ACORN
6	474557	1	NUT, JAM
7	474556	1	SCREW, ADJUSTING
8	474554	1	CAP
9	474563	8	RING, SEAL
10	474552	1	GUIDE, SPRING
11	VP0365	1	SPRING
12	VP0364	1	PIN, DOWEL
13	474551	1	PLUNGER, RELIEF VALVE
14	474589	1	SEAT, RELIEF VALVE
15	474590	1	RING, SEAL
16	474588	1	HOUSING, INLET SECTION
17	474591	1	CAP
18	VP2893	1	VALVE ASSEMBLY, CENTER SECTION (1)
19	474595	1	PLATE, RETAINER
20	474596	1	WIPER
21	VP0324	1	EYE, PLUNGER
22	474598	2	RING, SEAL
23	474601	2	SPRING
24	474600	2	PLUNGER, CHECK
25		1	PLUNGER (NOT SERVICED SEPARATELY)
		1	HOUSING (NOT SERVICED SEPARATELY)
26	474593	2	SPACER
27	474444	2	RING, SEAL
28	474602	1	SPRING
29	474603	2	GUIDE, SPRING
30	474604	1	CAP
31	474597	1	COVER, SPRING
32	475652	1	HOUSING ASSEMBLY, END SECTION (3)
33	474605	1	BRACKET, MOUNT
34	920039	3	SCREW, CAP - 3/8"-16NC X 5/8"
35	VP2223	1	BRACKET, MOUNT
36	724097	3	STUD - 7 7/8" LONG (ONE CENTER SECTION)
	724098	3	STUD - 10 1/8" LONG (TWO CENTER SECTIONS)
	724099	3	STUD - 12 3/8" LONG (THREE CENTER SECTIONS)
	724100	3	STUD - 14 5/8" LONG (FOUR CENTER SECTIONS)
37	C1526	6	NUT - 5/8" - 18NF
38	SR9581	6	WASHER, LOCK - 5/8"
39	923523	11	WASHER, LOCK - 3/8"
NS	VR0998	1	SPACER (WITH SEALS) (INCLUDES REF. NOS. 9, 26 & 27) (2)
	VR2737	1	VALVE SEAL KIT (FOR REPAIR OF SPOOL IN VALVE CENTER SECTION)
NOTE: (1) REPLACED BY VR2883 KIT. EFFECTIVE WITH 666B PRIOR TO SERIAL NO. 15030. 666BT PRIOR TO SERIAL NO. 6606, ALSO 6609. 777B PRIOR TO SERIAL NO. 3739, ALSO 3743, 3757 AND 3760. 777BT PRIOR TO SERIAL NO. 6812, ALSO 6815.			
(2) REPLACED BY VR2884 KIT. EFFECTIVE WITH 666B PRIOR TO SERIAL NO. 15198. 666BT PRIOR TO SERIAL NO. 6627. 777B PRIOR TO SERIAL NO. 3859. 777BT PRIOR TO SERIAL NO. 6857.			
(3) REPLACED BY VR2885 KIT. EFFECTIVE WITH 666B PRIOR TO SERIAL NO. 15165. 666BT PRIOR TO SERIAL NO. 6624. 777B PRIOR TO SERIAL NO. 3826, ALSO 3841 THRU 3856. 777BT PRIOR TO SERIAL NO. 6851, ALSO 6854.			
FOR LATER SERIAL NUMBERS OR AFTER KIT REPLACEMENT, ORDER PARTS FROM FOLLOWING PAGES.			

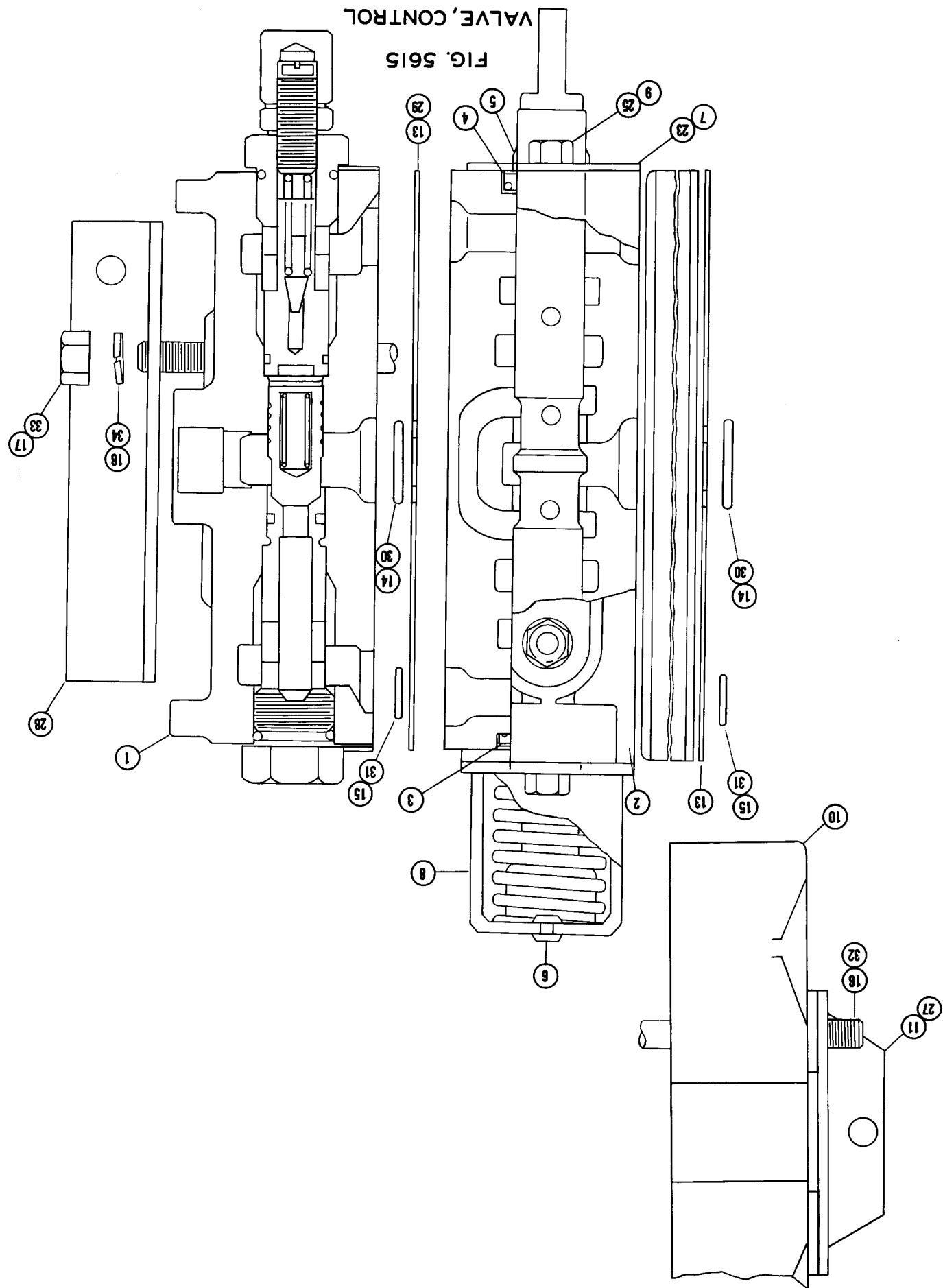


FIGURE 5615

VALVE, HYDRAULIC CONTROL

Ref. No.	Part No.	Qty.	Description
1	VP2082	1	HOUSING ASSY - INLET SECTION (ORDER PARTS FOR THIS ASSEMBLY FROM PAGE 144, REF. NOS. 4 THRU 17.
2	VP5415	AR	SECTION ASSY, VALVE
3	VS2038	1	RING, BACKUP
4	VS2039	2	SEAL
5	VS2040	1	WIPER
6	VS2041	1	PLUG, BLEEDER
7	474595	2	PLATE, RETAINER
8	474597	1	COV COVER, SPRING
9	920294	4	SCREW, CAP - 3/8" - 24NF X 1/2"
10	VP5414	1	SECTION, OUTLET (3)
11	474605	1	BRACKET, MOUNTING
12	474606	1	BRACKET, MOUNTING
13	VP5411	2	GASKET
14	VP5412	2	"O" RING
15	VP5413	4	"O" RING
16	724097	3	STUD - 7 7/8" - 1 VALVE ASSY
	724098	3	STUD - 10 1/8" - 2 VALVE ASSY
	724099	3	STUD - 12 3/8" - 3 VALVE ASSY
	724100	3	STUD - 14 5/8" - 4 VALVE ASSY
	725376	3	STUD - 5 VALVE ASSY
	725377	3	STUD - 6 VALVE ASSY
	725378	3	STUD - 7 VALVE ASSY
	VP4195	3	STUD - 8 VALVE ASSY
	VP4196	3	STUD - 9 VALVE ASSY
	VP3708	3	STUD - 10 VALVE ASSY
	VP3707	3	STUD - 11 VALVE ASSY
	VP5905	3	STUD - 12 VALVE ASSY
17	921551	6	NUT - 5/8" - 18NF
18	920715	6	WASHER, LOCK - 5/8"
NS	VR2737		KIT, SEAL
NS	VP5417	AR	SPACER, VALVE (2)
NOTE: (1) EFFECTIVE WITH 666B SERIAL NO. 15030 AND LATER. 666BT SERIAL NO. 6606 AND LATER EXCEPT 6609. 777B SERIAL NO. 3739 AND LATER EXCEPT 3745, 3757, AND 3760. 777BT, SERIAL NO. 6812 AND LATER EXCEPT 6815.			
(2) EFFECTIVE WITH 666B SERIAL NO. 15198 AND LATER. 666BT SERIAL NO. 6627 AND LATER. 777B SERIAL NO. 3859 AND LATER. 777BT SERIAL NO. 6857 AND LATER.			
(3) EFFECTIVE WITH 666B SERIAL NO. 15165 AND LATER. 666BT SERIAL NO. 6624 AND LATER. 777B SERIAL NO. 3826 AND LATER EXCEPT 3841 THRU 3856. 777BT SERIAL NO. 6851 AND LATER EXCEPT 6854.			

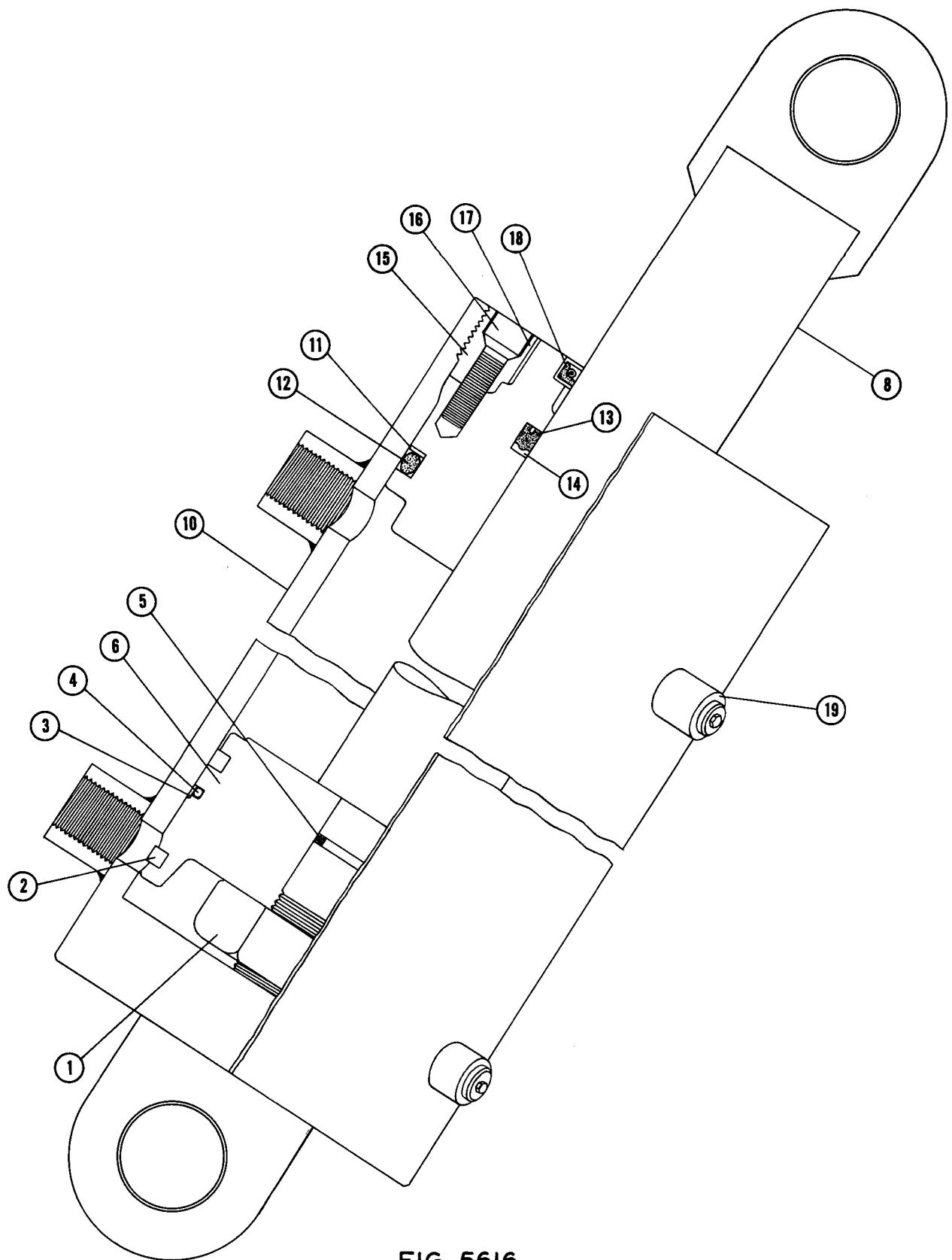


FIG. 5616

HYD. CYLINDER-SCARIFIER & LEANING WHEEL

FIGURE 5616

HYD. CYLINDER ASSEMBLY, SCARIFIER VR2331

Ref. No.	Part No.	Qty.	Description
1	VS2455	1	NUT
2	**	2	RING, PISTON
3	**	1	SEAL, TEFLO
4	**	1	"O" RING, LOAD
5	**	1	SEAL, STATIC
6	VS2456	1	PISTON
8	VS2461	1	SHAFT
10	VS2462	1	HOUSING
11	**	1	WASHER, BACK-UP
12	**	1	SEAL, STATIC
13	**	1	SEAL, "U" CUP
14	**	1	"O" RING
15	VP0195	1	GLAND, HEAD
16	VS2460	2	SCREW, CAP
17	VP0222	1	RING, THREAD
18	**	1	SEAL, WIPER
19	**	1	BLEEDER
NOTE: **INCLUDED IN VP0196 SEAL & RING KIT.			
SOME GRADERS ARE EQUIPPED WITH FA1501 HYDRAULIC CYLINDER AND SOME WITH VR2331, HYDRAULIC CYLINDER. IF THE HEAD GLAND HAS NOTCHES FOR SPANNER WRENCH, IT IS FA1501. IF IT HAS HOLES FOR SPANNER WRENCH IT IS VR2331.			

FIGURE 5616

HYD. CYLINDER ASSY, FRONT LEANING WHEEL VR0834 (1)

1	VP0191	1	NUT
2	**	2	RING, PISTON
3	**	1	SEAL, TEFLO
4	**	1	"O" RING, LOAD
5	**	1	SEAL, STATIC
6	VP0192	1	PISTON
8	VR0089	1	SHAFT
10	VR0061	1	HOUSING
11	**	1	WASHER, BACK-UP
12	**	1	SEAL, STATIC
13	**	1	SEAL, "U" CUP
15	VP0195	1	GLAND, HEAD
NOTE: **INCLUDED IN VP0196 SEAL & RING KIT.			
(1) EFFECTIVE PRIOR TO 666B SERIAL NO. 15285 AND LATER. 666BT SERIAL NO. 6636 AND LATER. 777B SERIAL NO. 3898 AND LATER, ALSO 3934 - 3937 AND 3940. 777BT SERIAL NO. 6881 AND LATER, ALSO 6893.			
VR0834 CYLINDER ASSY HAS BEEN REPLACED BY FA1505. IF REPLACEMENT HAS BEEN MADE, ORDER PARTS AS LISTED FOR FA1505 CYLINDER ASSY.			

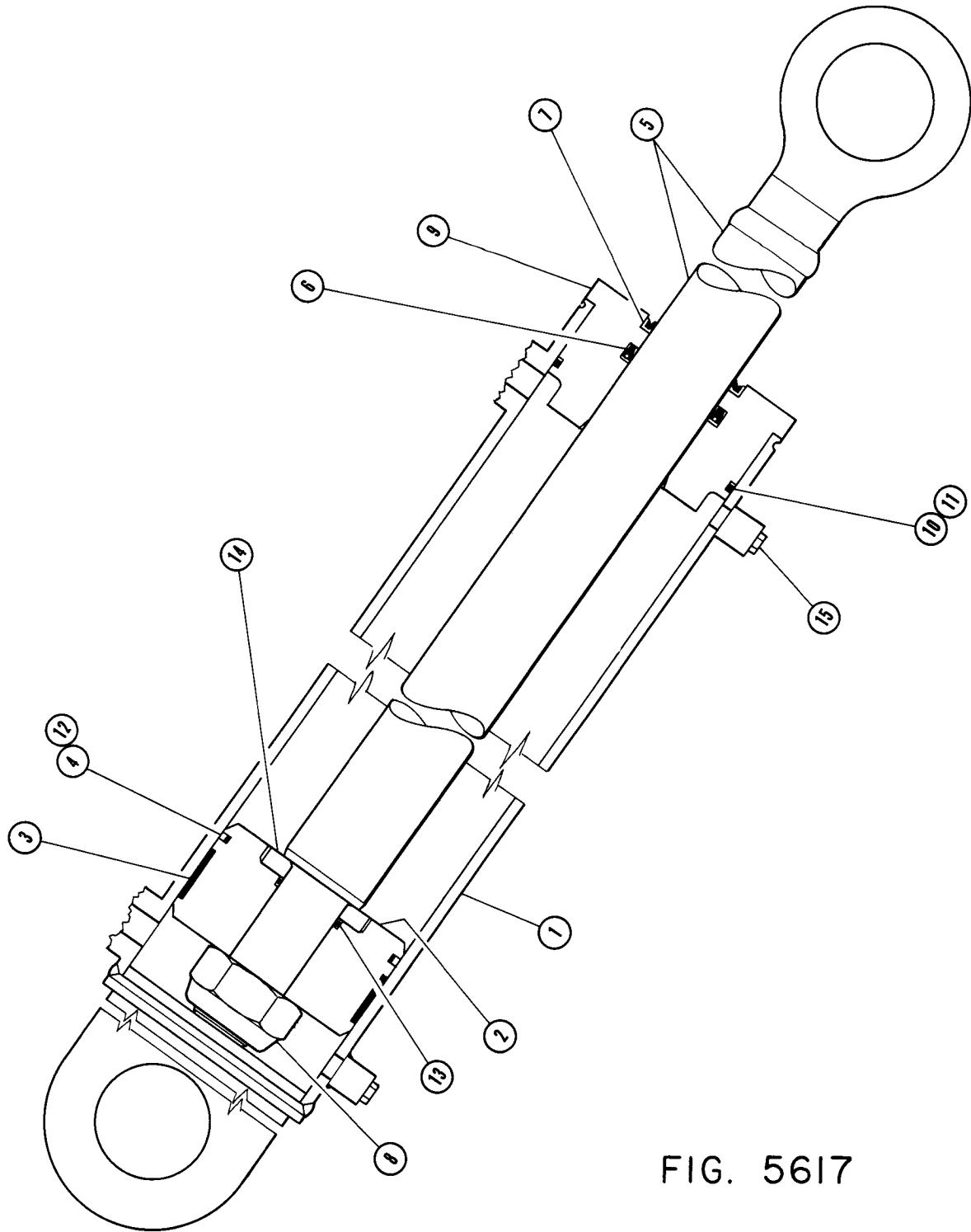


FIG. 5617

HYDRAULIC CYLINDER - SCARIFIER

FIGURE 5617A

HYD. CYLINDER ASSY - SCARIFIER

FA1501

Ref. No.	Part No.	Qty.	Description
1	VZ4529	1	HOUSING
2	TA4960	1	PISTON
3	**	1	RING, PISTON BRG
4	**	1	RING, PISTON SEAL
5	VZ4450	1	ROD
6	**	1	SEAL, ROD
7	**	1	WIPER, ROD
8	VN4088	1	NUT, LOCK
9	TA4955	1	GLAND, CYL.
10	**	1	"O" RING
11	**	1	RING, BACKUP
12	**	1	"O" RING
13	**	1	"O" RING
14	VP6260	1	SPACER
15	VM0313	2	PLUG, "O" RING
NS	RK1612	AR	KIT, REPAIR
** ITEMS INCLUDED IN RK1612 REPAIR KIT.			
SOME GRADERS ARE EQUIPPED WITH FA1501 HYDRAULIC CYLINDER AND SOME WITH VR2331, HYDRAULIC CYLINDER. IF THE HEAD GLAND HAS NOTCHES FOR SPANNER WRENCH, IT IS FA1501. IF IT HAS HOLES FOR SPANNER WRENCH IT IS VR2331.			

FIGURE 5617B

HYD. CYLINDER ASSY - FRONT LEANING WHEEL FA1505 (1)

1	VZ4539	1	HOUSING
2	VZ3910	1	PISTON
3	**	1	RING, PISTON BRG
4	**	1	RING, PISTON SEAL
5	VZ4532	1	ROD
6	**	1	SEAL, ROD
7	**	1	WIPER, ROD
8	VN4088	1	NUT, LOCK
9	TA4955	1	GLAND, CYL.
10	**	1	"O" RING
11	**	1	RING, BACKUP
12	**	1	"O" RING
NS	RK1612	AR	KIT, REPAIR
**ITEMS INCLUDED IN RK1612 REPAIR KIT.			
(1) EFFECTIVE WITH 666B SERIAL NUMBER 15285 AND LATER. 666BT SERIAL NUMBER 6636 AND LATER. 777B SERIAL NUMBER 3898 AND LATER. ALSO 3934, 3937 AND 3940. 777BT SERIAL NUMBER 6881 AND LATER, ALSO 6893.			

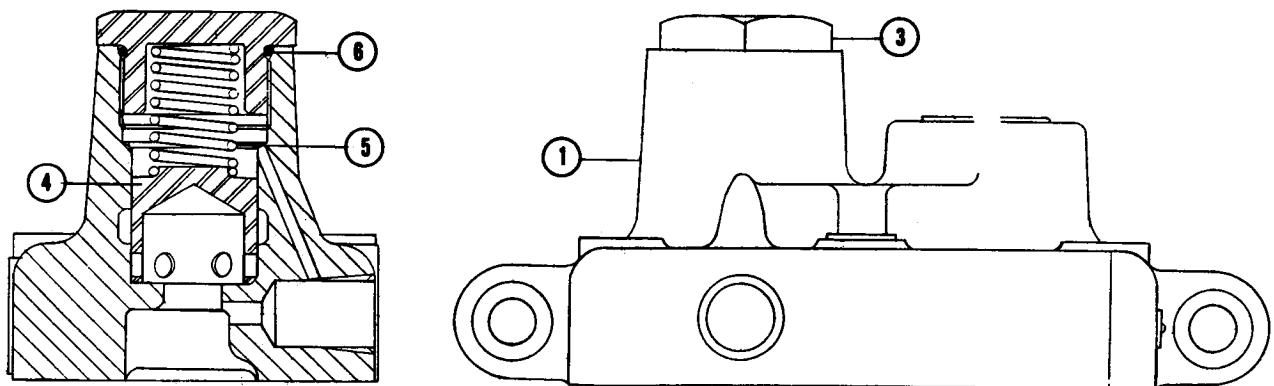


FIG. 4201 A
VALVE, HYD-FLOW DIVIDER

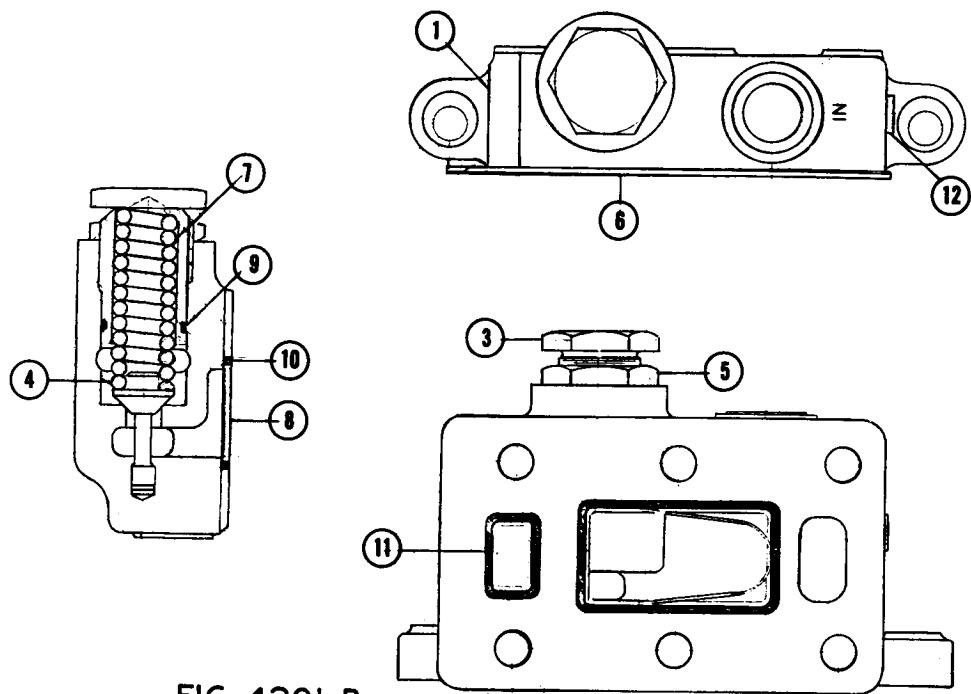


FIG. 4201 B
VALVE, HYD-RELIEF

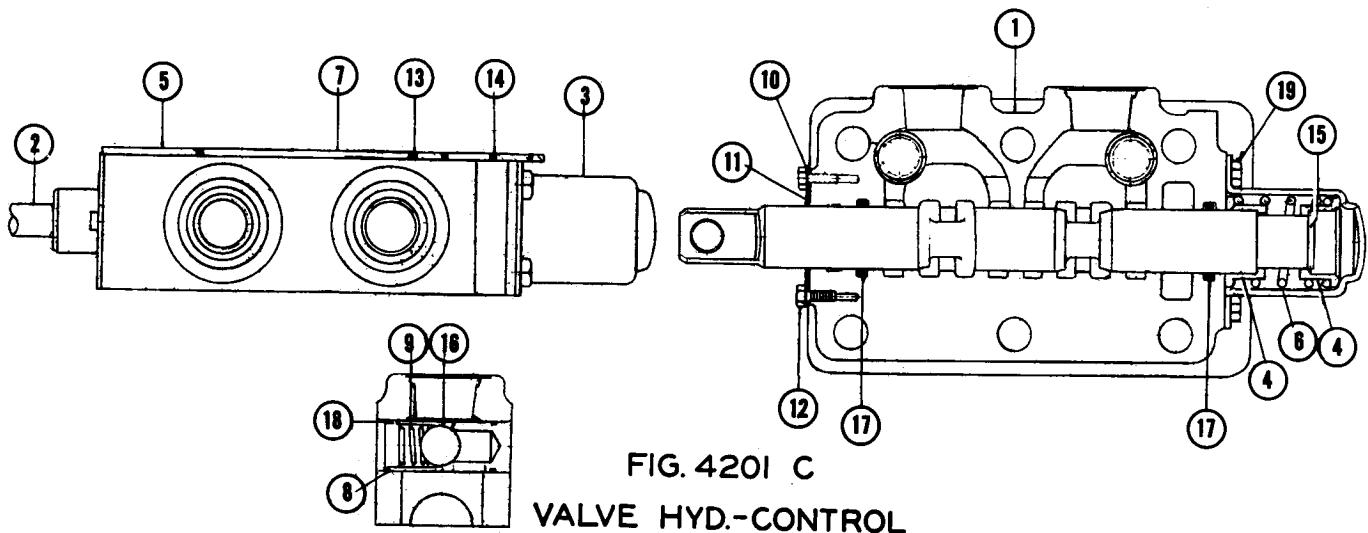


FIG. 4201 C
VALVE HYD.-CONTROL

FIGURE 4201A

VALVE, HYDRAULIC FLOW DIVIDER (1)

Ref. No.	Part No.	Qty.	Description
1	VP2202	1	VALVE, OUTLET
2	VP0325	1	BODY
3	VP0336	1	PLUG
4	VP0337	1	SEAT, VALVE
5	VP0338	1	SPRING
6	VP0339	1	"O" RING
NS	VM0316	1	PLUG (USED WITH 3 - OUTLET VALVES ONLY)

FIGURE 4201B

VALVE, HYDRAULIC - RELIEF (1)

1	VP2201	1	VALVE, INLET
2	VP0325	1	BODY, INLET
3	VP0326	1	PLUG
4	VP0327	1	STEM
5	VP0328	1	NUT
6	VP2207	6	PLATE, SEPARATOR
7	VP0330	1	SPRING
8	VP2204	6	RETAINER, GASKET
9	VP0332	1	"O" RING
10	VP2205	6	WASHER, LATHE CUT
11	VP2206	6	WASHER, LATHE CUT
12	923014	1	PLUG, PIPE - 1/4"N.P.T.F.

FIGURE 4201C

VALVE, HYDRAULIC - MOTOR CONTROL (1)

1	VP2200	4	VALVE
2	VP0340	1	BODY
3	VP0341	1	STEM, VALVE
4	VP0342	1	CAP
5	VP0343	2	RETAINER, SPRING
6	VP2207	6	PLATE, SEPARATOR
7	VP0345	1	SPRING, CENTERING
8	VP2204	6	RETAINER, GASKET
9	VP0347	2	RETAINER, SPRING
10	VP0348	2	SPRING
11	VP0349	1	RING, RETAINER
12	VP0350	1	WIPER
13	VP0351	2	SCREW, HEX HD. SELF THREADING
14	VP2205	6	WASHER, LATHE CUT
15	VP2206	6	WASHER, LATHE CUT
16	VP0352	1	RING, RETAINER (SPIROLOX)
17	VP0353	2	BALL (5/8" DIA.)
18	VP0354	4	"O" RING
19	VP0355	2	"O" RING
	VP0356	4	SCREW, HEX HD. CAP

NOTE: (1) EFFECTIVE WITH SERIAL NUMBERS 666B - 15000 THRU 15287.
666BT 6600 THRU 6635. 777B 3700 THRU 3903, ALSO 3907
AND 3910. 777BT 6800 THRU 6883.

FIGURE 5618 A
INLET VALVE -
HYDRAULIC RELIEF

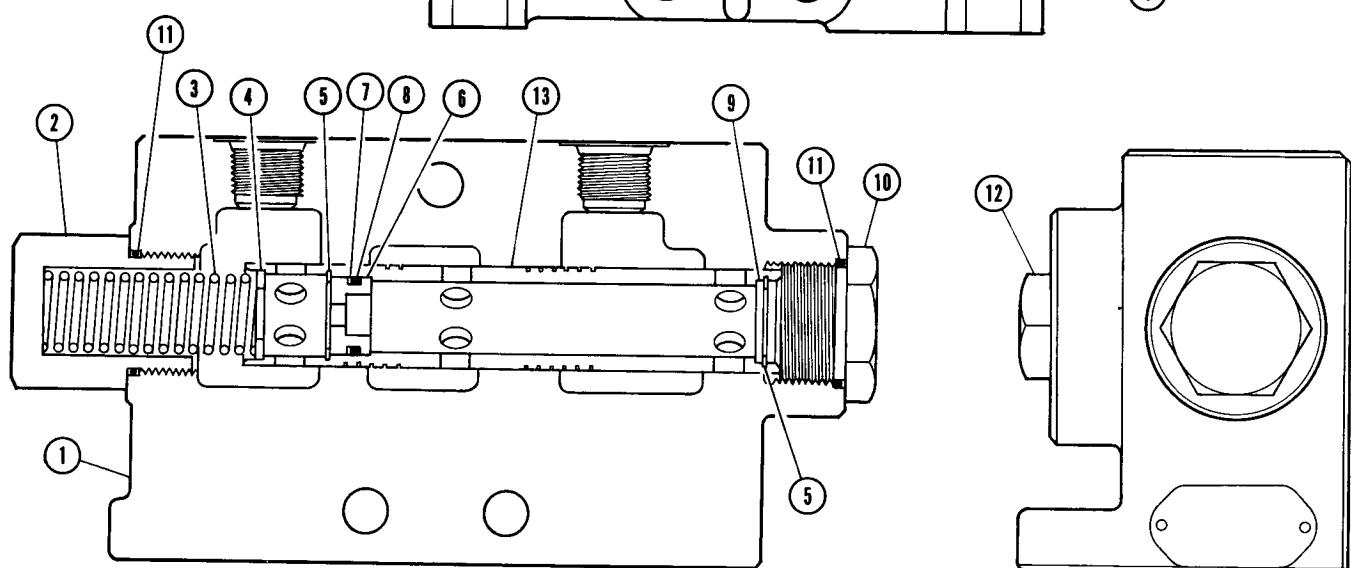
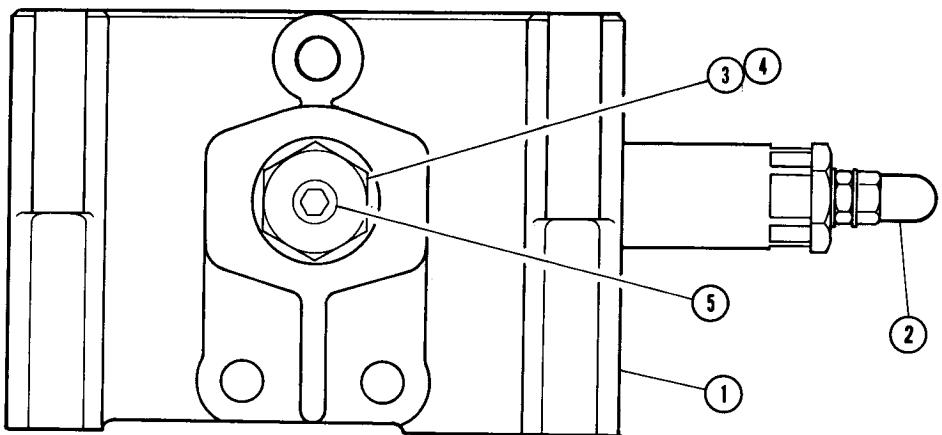


FIGURE 5618 B OUTLET VALVE - HYDRAULIC FLOW DIVIDER

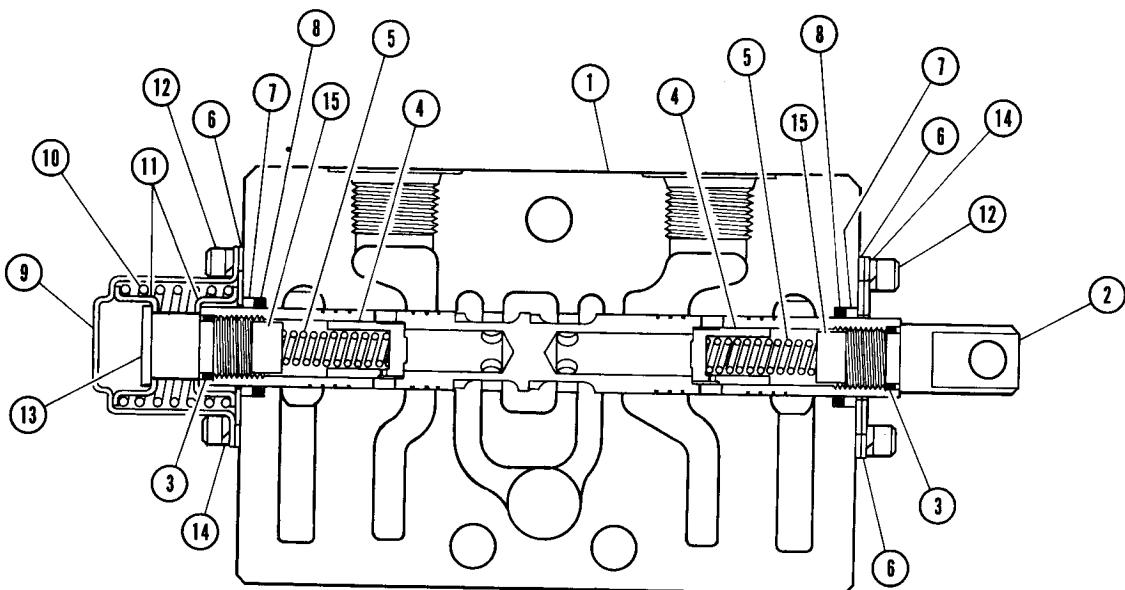


FIGURE 5618 C VALVE - HYDRAULIC MOTOR CONTROL

FIGURE 5618A

INLET VALVE, HYDRAULIC RELIEF (1)

Ref. No.	Part No.	Qty.	Description
1	VS2396	1	INLET ASSY
2	VS2397	1	R/V CARTRIDGE
3	VS2398	1	"O" RING
4	VS2399	1	PLUG - 3/4" OD TUBE
NS	VS2400	2	SEAL-1 5/16 O.D. X 1 1/8" I.D.
NS	VS2401	9	SEAL-2" O.D. X 1 3/16" I.D.

FIGURE 5618B

OUTLET VALVE, HYDRAULIC FLOW DIVIDER (1)

1	VS2402	1	OUTLET ASSY
2	VS2403	1	SPRING, RETAINER CAP
3	VS2404	1	SPRING
4	VS2405	1	SLUG, RETAINING
5	VS2406	2	RING, SNAP
6	VS2407	1	SLUG, ORIFICE
7	VS2408	1	RING, BACK UP
8	VS2409	1	"O" RING
9	VS2410	1	SLUG
10	VS2411	1	CAP, RETAINING
11	VS2412	2	"O" RING
12	VS2413	1	PLUG - 3/4" OD TUBE

FIGURE 5618C

VALVE, HYDRAULIC - MOTOR CONTROL (1)

1	VS2414	1	VALVE SECTION
2	(2)	1	LUG, SPOOL
3	VS2416	2	"O" RING 3/4" OD X 9/16"ID
4	VS2417	2	POPPET, SPOOL CHECK
5	VS2418	2	SPRING, SPOOL CHECK
6	VS2419	3	PLATE, RETAINING
7	VS2420	2	RING, BACK UP
8	VS2421	2	"O" RING 1 3/16OD X 15/16" ID X 1/8"
9	VS2422	1	CAP, END
10	VS2423	1	SPRING, END CAP
11	VS2424	2	SPRING, RETAINER
12	VS2425	8	SCREW, SOCKET HEAD CAP
13	VS2426	1	BOLT, STRIPPER
14	VS2427	8	WASHER, LOCK
15	VS2428	2	SLUG
NS	VS2429	AR	BLANK, VALVE SECTION (1)

NOTE: (1) EFFECTIVE WITH SERIAL NUMBERS 666B 15288 AND LATER.
 666BT 6636 AND LATER. 777B 3904 AND LATER EXCEPT
 3907 AND 3910. 777BT 6884 AND LATER.

(2) NOT SOLD SEPARATELY. INCLUDED IN VS2414.

CYLINDER-MASTER BRAKE

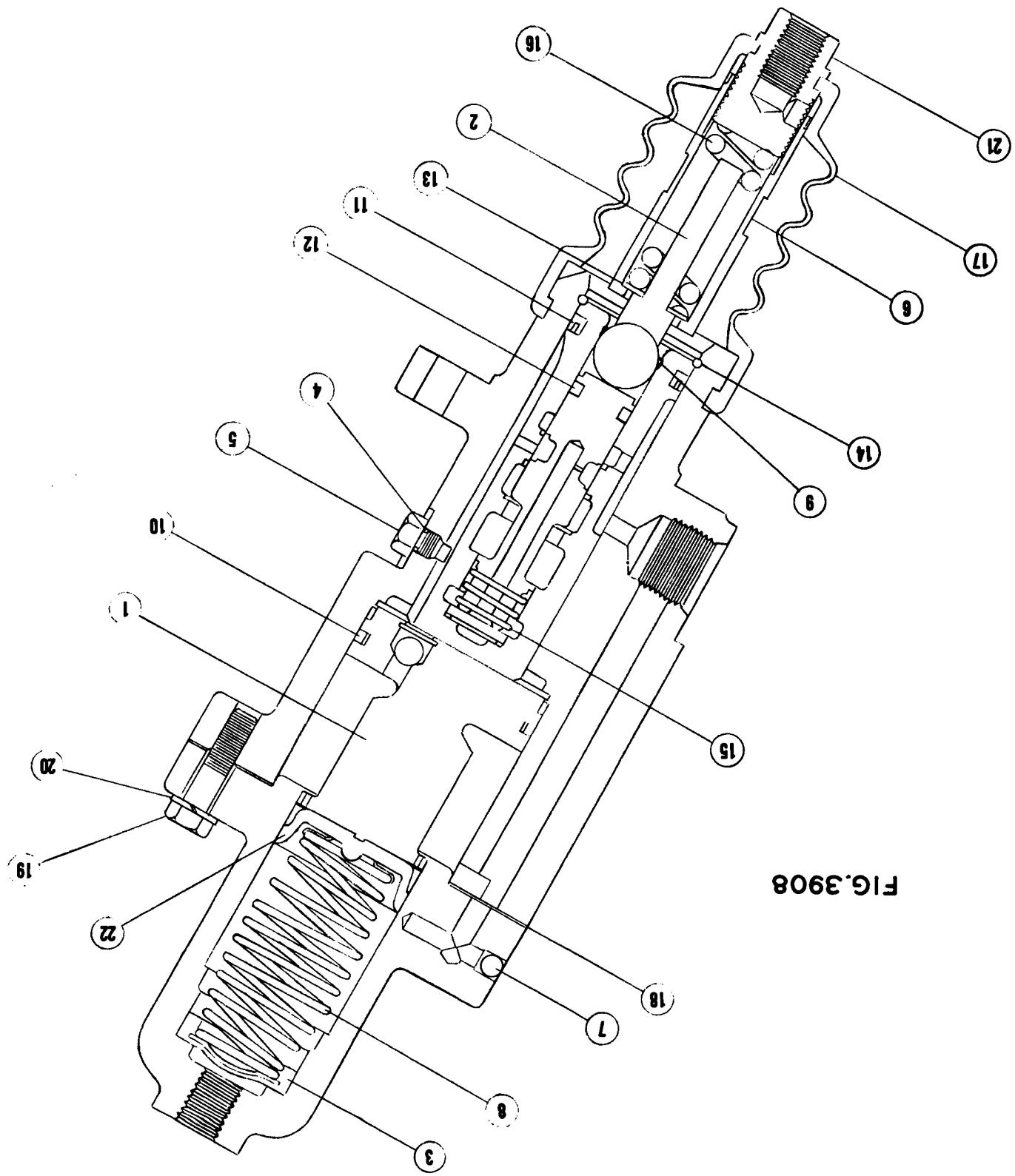


FIGURE 3908

CYLINDER - MASTER BRAKE

Ref. No.	Part No.	Qty.	Description
	VP2077	1	CYLINDER ASSEMBLY - MASTER BRAKE
1	VP0276	1	PISTON ASSEMBLY, MASTER
2	VP0277	1	CLEVIS ASSEMBLY
3	VP0278	1	VALVE ASSEMBLY, CHECK
4	VP0279	1	"O" RING
5	VP0280	1	BOLT, SLEEVE STOP
6	VP0281	1	LINK
7	VP0282	1	CAP AND BALL ASSEMBLY, END
8	VP0283	1	SPRING AND RETAINER ASSEMBLY
9	VP0284	1	RING, BALL RETAINING
10	VP0285	1	RING, PISTON
11	VP0286	1	PACKING, VEE BLOCK
12	VP0287	1	PACKING, VEE BLOCK
13	VP0288	1	WASHER
14	VP0289	1	RETAINER, SNAP RING
15	VP0290	1	SPRING, SPOOL RETURN
16	VP0291	1	SPRING, CLEVIS RETURN
17	VP0292	1	BOOT
18	VP0293	1	GASKET
19	920025	3	SCREW, CAP - 5/16" - 18NC X 1 1/4"
20	920710	3	WASHER, LOCK - 5/16"
21	VP0294	1	PLUG, ADJUSTMENT
22	VP0295	1	CUP, PRIMARY
23	C1605	3	SCREW, CAP - 3/8" - 16NC X 1 3/4"
24	VM1405	3	WASHER, LOCK - 3/8"
25	C1521	3	NUT, HEX - 3/8" - 16NC

MOTOR-HYDRAULIC

FIG. 5623

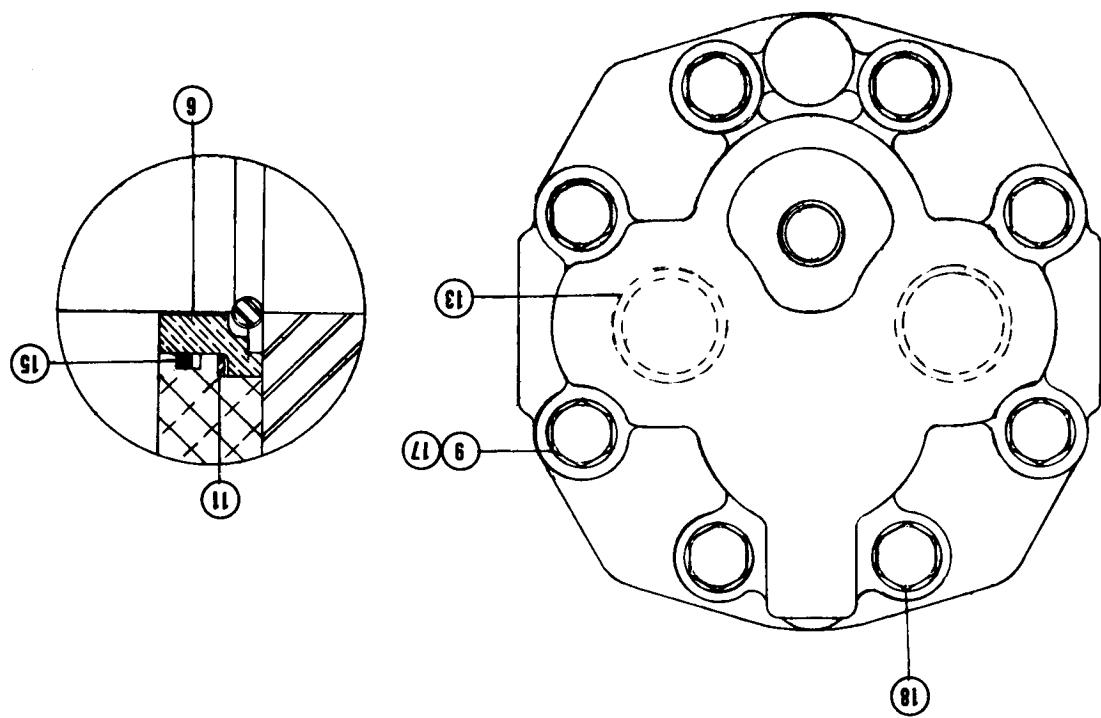
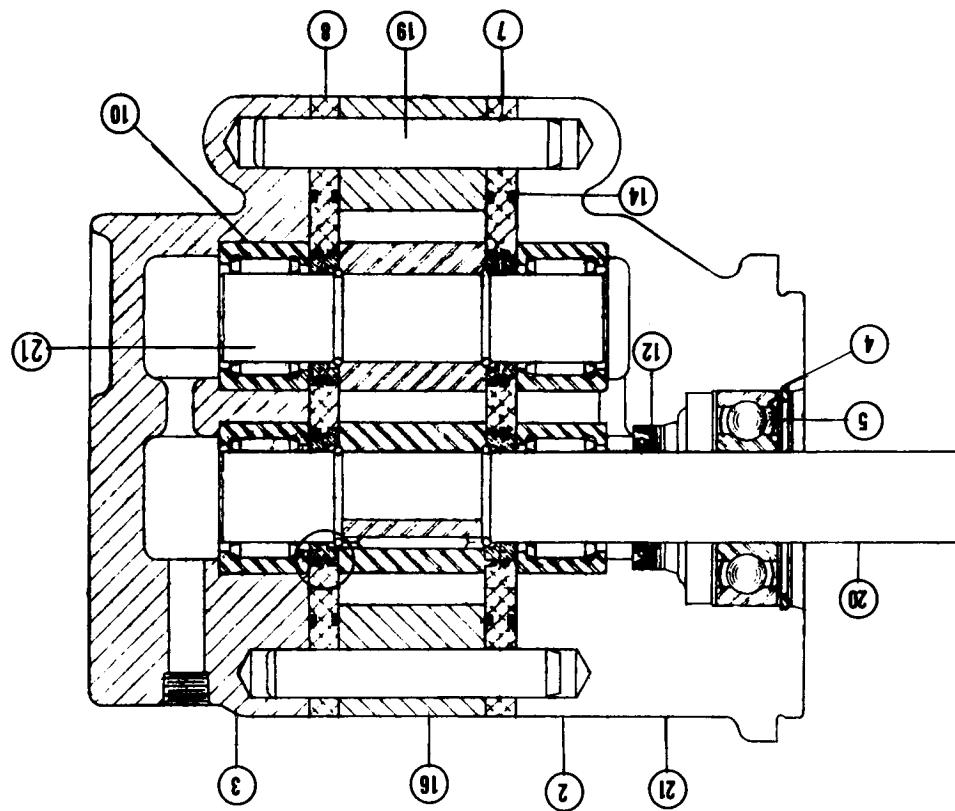


FIGURE 5623

MOTOR - HYDRAULIC

Ref. No.	Part No.	Qty.	Description
	VP0803	1	MOTOR, HYDRAULIC
2	VP0300	1	ADAPTOR
3	VP0301	1	COVER
4	VP0302	1	RING, RETAINER
5	VP0303	1	BEARING
6	VP0304	4	BUSHING
7	VP0305	1	PLATE, WEAR
8	VP0306	1	PLATE, WEAR
9	VP0307	8	WASHER, LOCK
10	VP0308	4	BEARING
11	VP0309	4	WASHER, LOCK
12	VP0310	1	SEAL, L.P.
13	VP5413	2	"O" RING
14	VP0312	4	"O" RING
15	VP0313	4	RING, TEFLON
16	VP0314	1	HOUSING
17	VP0315	4	SCREW, CAP
18	VP0316	4	SCREW, CAP
19	VP0317	2	PIN, DOWEL
20	VP0318	1	SHAFT, DRIVE ASSY
21	VP0322	1	SHAFT, DRIVEN ASSY

HYDRAULIC PUMP

FIG. 3872

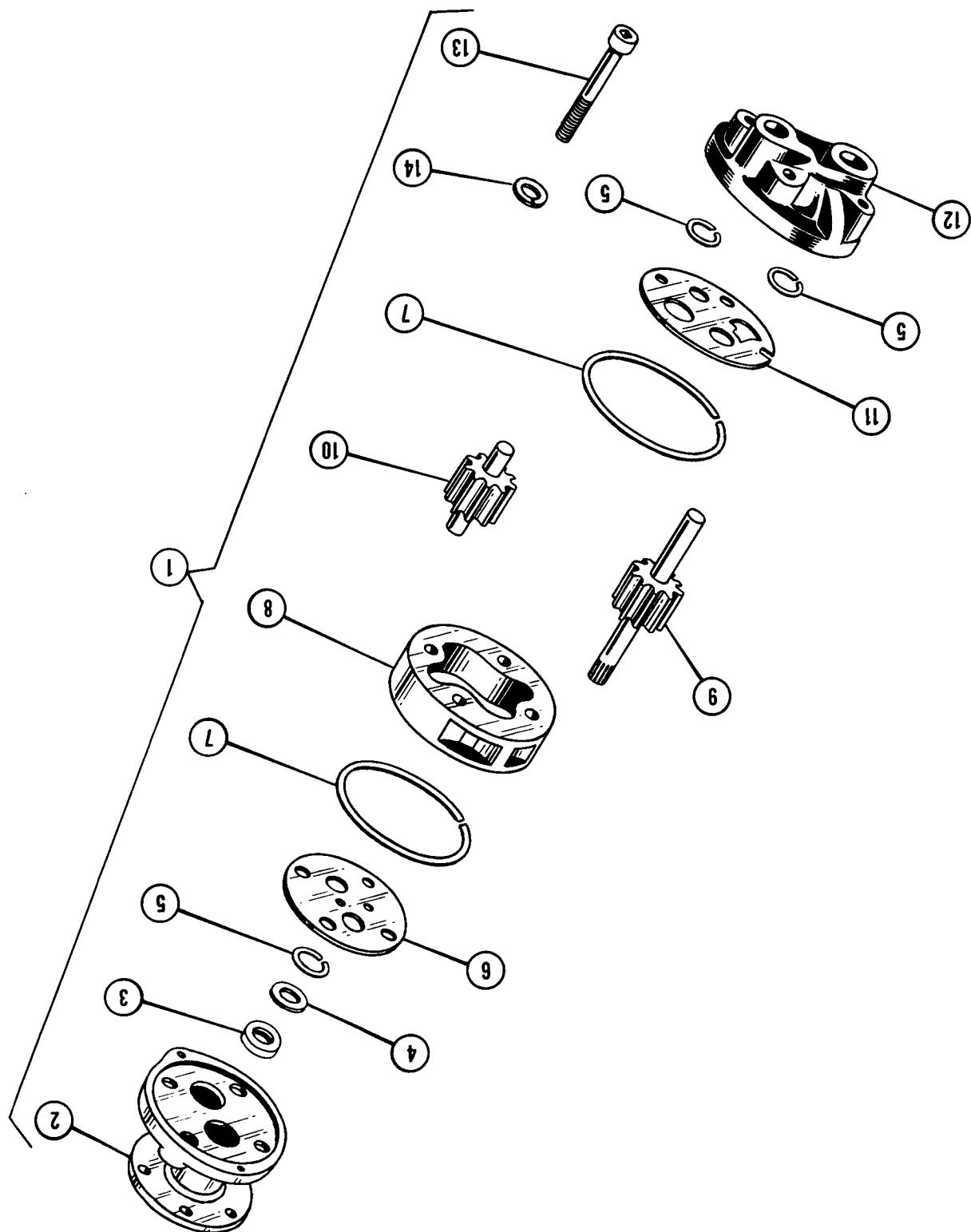


FIGURE 3872

HYDRAULIC PUMP

Ref. No.	Part No.	Qty.	Description
1	121028	1	PUMP, HYDRAULIC <i>PB-0967</i>
2	475894	1	ADAPTER
3	475906	1	SEAL
4	475905	6	"O" RING
5	475903	3	RING, BACK UP
6	475897	1	PLATE, WARE
7	474120	2	"O" RING
8	475898	1	HOUSING ASSEMBLY
9	475899	1	DRIVE SHAFT ASSEMBLY (Splined)
10	475900	1	DRIVEN SHAFT ASSEMBLY
11	475896	1	PLATE, WARE
12	475895	1	COVER ASSEMBLY
13	475901	4	SCREW, CAP
14	VM1454	4	WASHER, LOCK - 1/2"

(Used With Torque Converter)

PUMPS STEERING

FIG. 4519

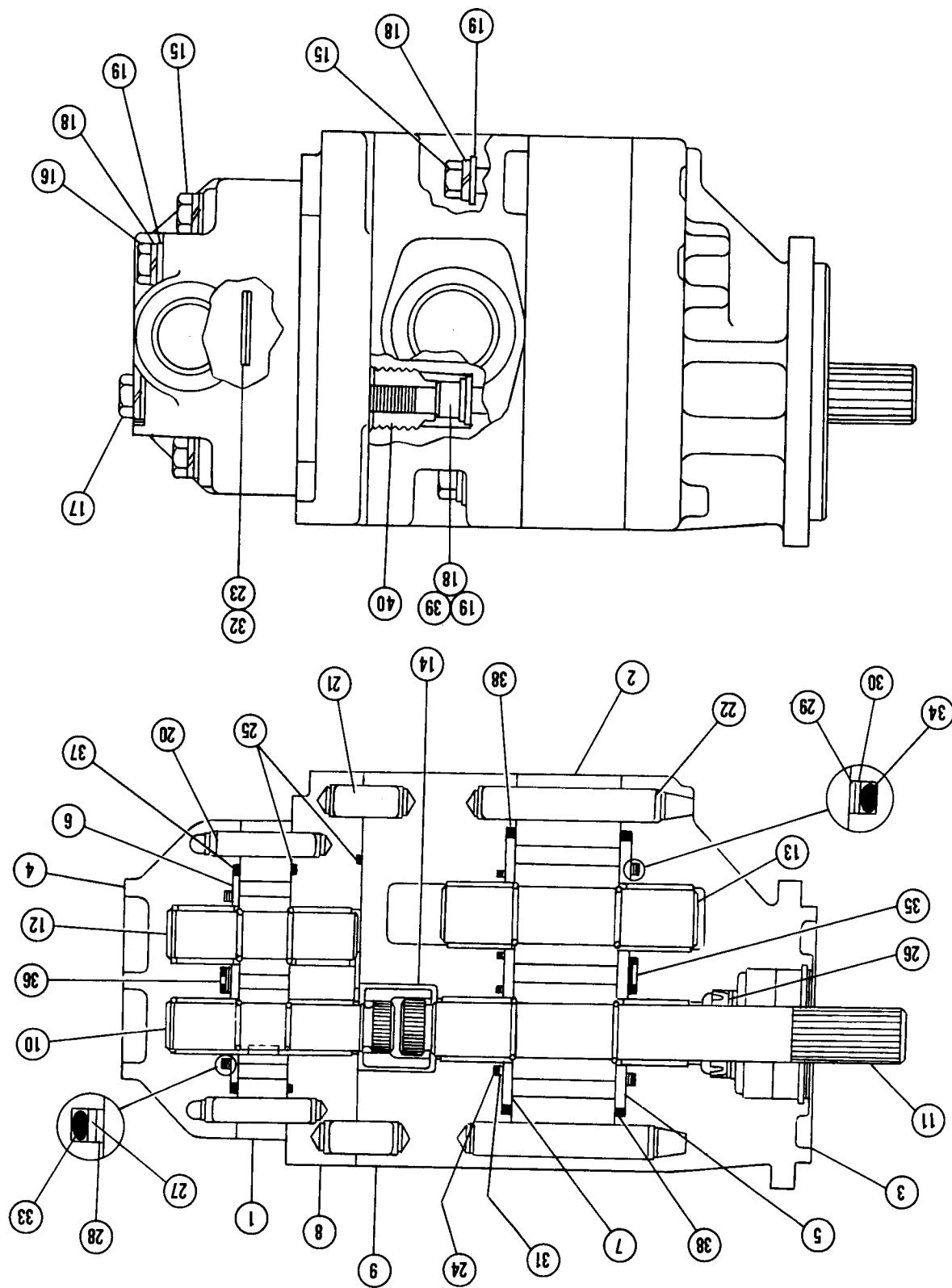


FIGURE 4519

HYDRAULIC PUMP - STEERING, BRAKES AND CONTROLS

Ref. No.	Part No.	Qty.	Description
1	VP0422	1	HOUSING
2	VP0423	1	HOUSING
3	VP0424	1	ADAPTOR ASSEMBLY (1)/(4)
	VS2034	1	ADAPTOR ASSEMBLY (2)/(3)
4	VJ0568	1	COVER ASSEMBLY (1)/(4)
	VJ0569	1	COVER ASSEMBLY (2)/(3)
5	VP0426	1	PLATE, WEAR
6	VP0427	1	PLATE, WEAR
7	VP0428	1	PLATE, WEAR
8	VP0429	1	PLATE ASSEMBLY, BEARING (1)/(4)
	VS2036	1	PLATE ASSEMBLY, BEARING (2)/(3)
9	VP0430	1	PLATE ASSEMBLY, BEARING (1)/(4)
	VS2037	1	PLATE ASSEMBLY, BEARING (2)/(3)
10	VP0431	1	SHAFT ASSEMBLY, DRIVE
11	VP0432	1	SHAFT ASSEMBLY, DRIVE
12	VP0433	1	SHAFT ASSEMBLY, DRIVEN
13	VP0434	1	SHAFT ASSEMBLY, DRIVEN
14	VP0435	1	COUPLING
15	VP0436	8	SCREW, CAP
16	VP0437	2	SCREW, CAP
17	VP0438	2	SCREW, CAP
18	VP0439	16	WASHER, LOCK
19	VP0440	16	WASHER
20	VP0441	2	PIN
21	VP0442	2	PIN
22	VP0443	2	PIN
23	VP0444	1	"O" RING
24	VP0445	2	"O" RING
25	VP0446	2	"O" RING
26	VP0447	1	SEAL
27	VP0448	1	RING
28	VP0449	1	RING
29	VP0450	1	RING
30	VP0451	1	RING
31	VP0452	2	RING
32	VP0453	1	RING
33	VP0454	2	"O" RING
34	VP0455	2	"O" RING
35	VP0456	1	"O" RING
36	VP0457	1	"O" RING
37	VP0458	2	LETRASEAL
38	VP0459	2	LETRASEAL
39	VP0460	4	SCREW, CAP
40	VP0461	2	INSERT

NOTE: (1) USED WITH VP4461 PUMP (WITH OUTLET HOLE ON SIDE) ON 666BT & 777BT.
 (2) USED WITH VP4364 PUMP (WITH OUTLET HOLE ON SIDE) ON 666B & 777B.
 (3) USED WITH VP7008 PUMP (WITH OUTLET HOLE ON END) ON 666B & 777B.
 (4) USED WITH VP7007 PUMP (WITH OUTLET HOLE ON END) ON 666BT & 777BT.

ADAPTER - HYDRAULIC PUMP

FIG. 5624

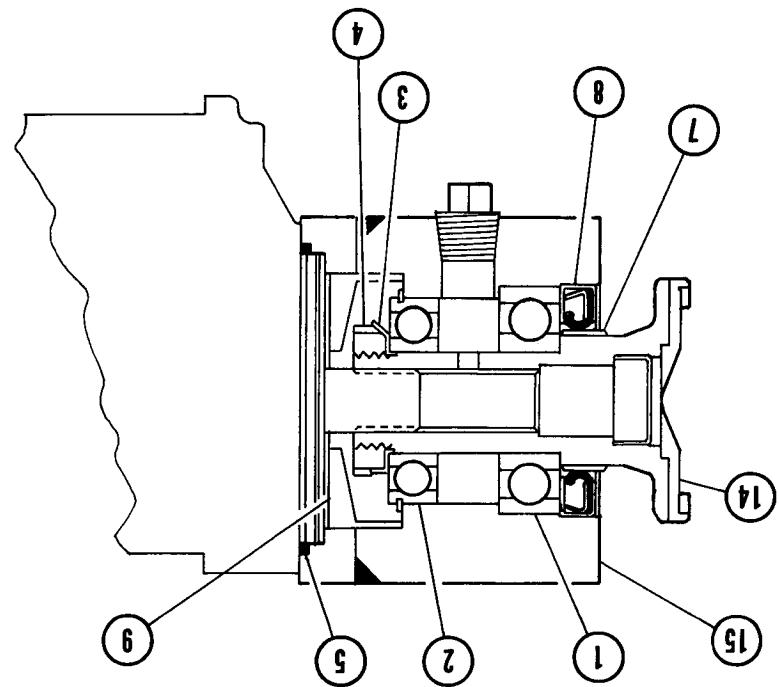
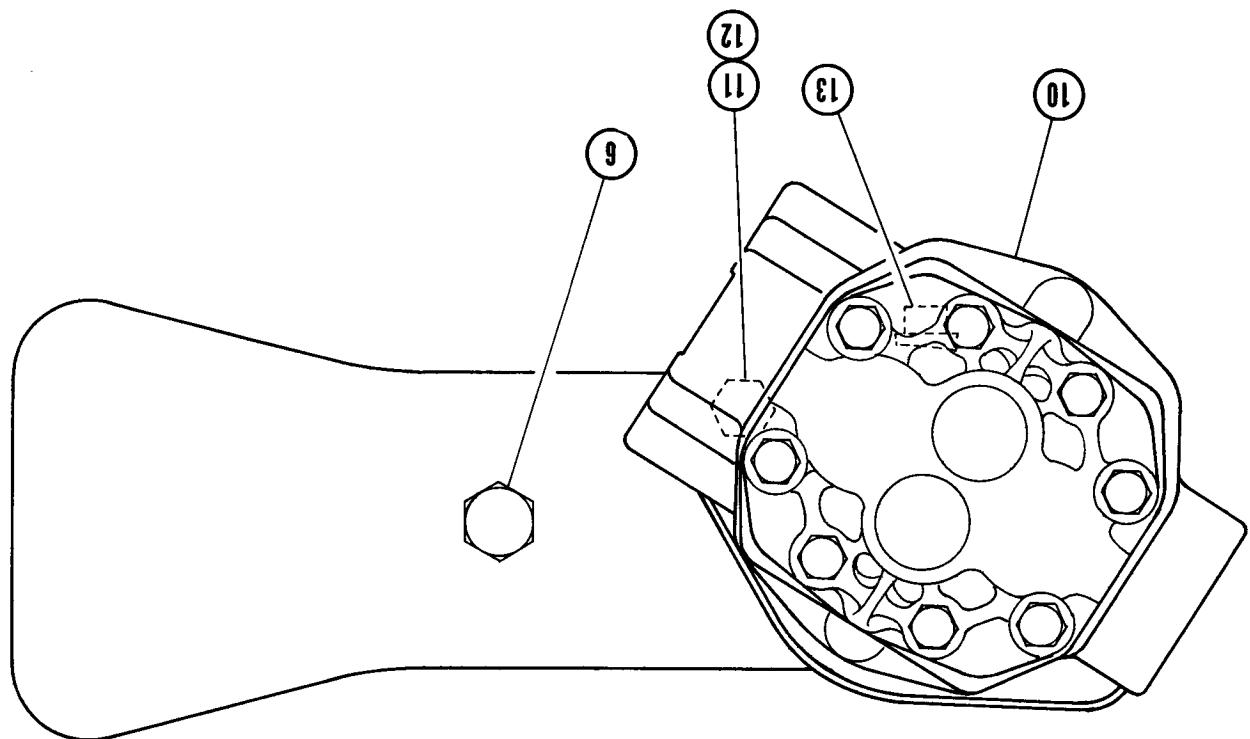


FIGURE 5624

ADAPTOR - FOR VP4461 & VP7007 HYDRAULIC PUMPS

Ref. No.	Part No.	Qty.	Description
1	C9809	1	BEARING, BALL
2	H8190	1	BEARING, BALL
3	HC6253	1	LOCKWASHER, BEARING
4	HC6254	1	LOCKNUT, BEARING
5	TC4709	1	"O" RING (1)
	VG7351	1	"O" RING (2)
6	VP2097	3	CAPSCREW
7	VP2099	1	SLEEVE, WEAR
8	VP2177	1	SEAL, OIL
9	VP3714	1	BAFFLE
10		1	PUMP (SEE INDEX)
11	C1613	2	CAPSCREW - 1/2" - 13NC X 1 1/4"
12	VM1454	2	LOCKWASHER - 1/2"
13	C5771	1	PLUG, PIPE - 1/2"
14	VR0911	1	YOKE
15	VR3421	1	ADAPTOR (1)
	VR0912	1	ADAPTOR (2)

NOTE: (1) EFFECTIVE WITH 666BT SERIAL NUMBER 6667 AND LATER.

(2) EFFECTIVE PRIOR TO THE ABOVE SERIAL NUMBERS.

PARKING BRAKE BACK PLATE DRUM
FIG. 2513

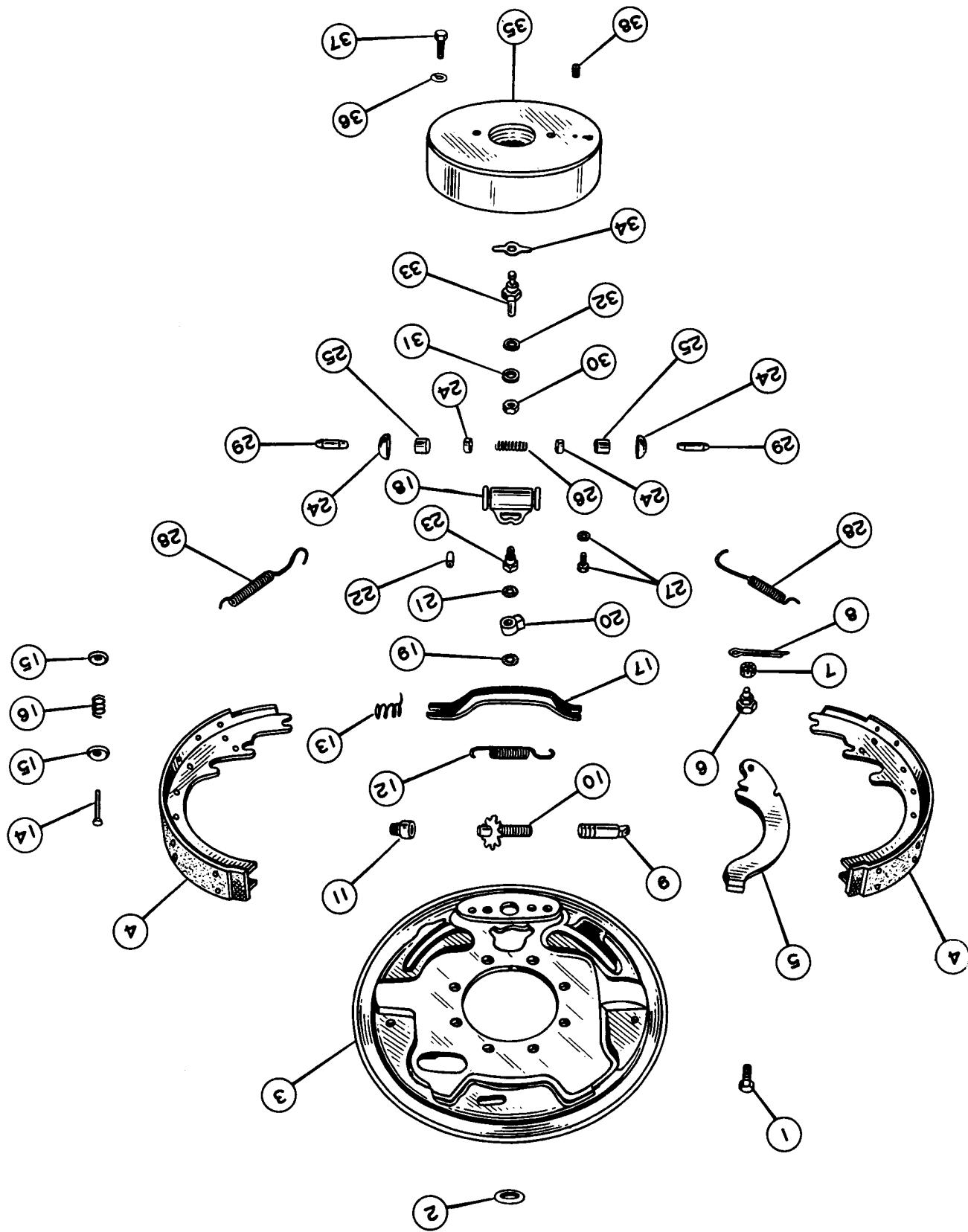


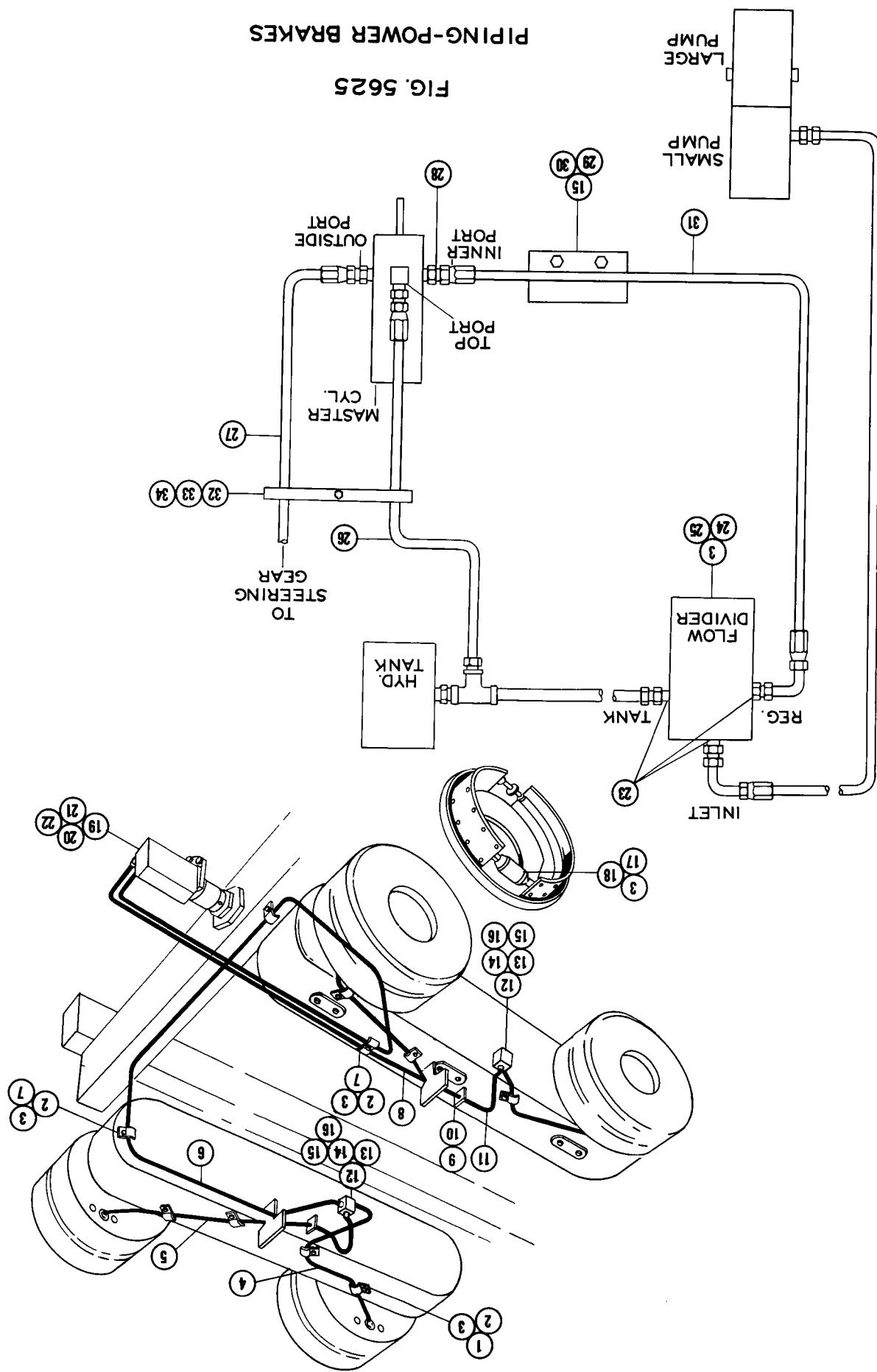
FIGURE 2513

PARKING BRAKE - BACK PLATE AND DRUM

Ref. No.	Part No.	Qty.	Description
1	722141	8	SCREW, CAP
2	474230	1	PLUG, COVER (BACKING PLATE)
3	475098	1	PLATE, BACKING
4	474238	2	SHOE (WITH LINING)
5	722559	1	LEVER, PARKING BRAKE
6	722561	1	PIN, PARKING BRAKE LEVER
7	921513	1	NUT, SLOTTED - 5/16" - 18NC
8	922121	1	PIN, COTTER - 3/32" X 5/8"
9	474236	1	NUT, ADJUSTING SCREW PIVOT
10	474237	1	SCREW, ADJUSTING
11	474235	1	SOCKET, ADJUSTING SCREW
12	474234	1	SPRING, ADJUSTING SCREW
13	474229	1	SPRING (STRUT TO SHOE)
14	474228	2	PIN, SHOE HOLD-DOWN
15	474227	4	CUP, SHOE HOLD-DOWN SPRING
16	474226	2	SPRING, SHOE HOLD-DOWN
17	722567	1	STRUT
18	722143	1	CYLINDER, PARKING BRAKE (INCL. REF. NOS. 19 THRU 26)
19	471714	1	GASKET, INLET FITTING
20	471712	1	FITTING, INLET
21	471713	1	GASKET, INLET FITTING
22	471711	1	SCREW, BLEEDER
23	471715	1	BOLT, INLET FITTING
24	475109	1	KIT, PARKING BRAKE CYLINDER
25	474224	1	PISTON
26	474223	2	SPRING
27	722881	1	SCREW (WITH LOCKWASHER)
28	474225	2	SPRING, ANCHOR TO SHOE
29	722880	2	LINK, CONNECTING
30	474220	1	NUT, HEX (ANCHOR PIN)
31	474219	1	WASHER, LOCK - 5/8 (ANCHOR PIN)
32	474218	1	WASHER, FLAT - 5/8 (ANCHOR PIN)
33	475099	1	PIN, ANCHOR
34	474216	1	PLATE, SHOE GUIDE
35	662516	1	DRUM, BRAKE
36	920713	2	WASHER, LOCK - 1/2"
37	920072	2	SCREW, CAP - 1/2-13NC X 3/4
38	923640	1	SETSCREW, SOCKET HEAD - 5/8-18NF X 1/2
	722525	1	BRAKE, PARKING (INCL. REF. NOS. 2,4,5,8 THRU 11, 13 THRU 15, 21 AND 29 THRU 33)
			NOT SHOWN
	474231		LINING, PACKING (INCL. 1 SET LININGS AND 20 RIVETS)

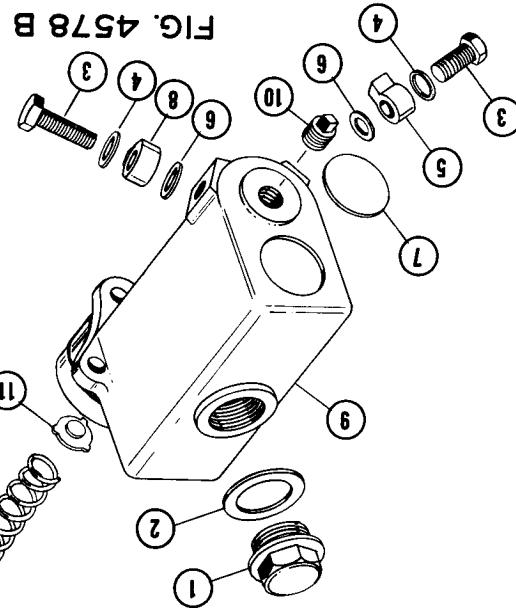
PIPING-POWER BRAKES

FIG. 5625



Ref.	Part No.	Qty.	Description
1	424243	4	CLAMP
2	TR5365	8	CAPSCREW - 5/16" - 18NC X 1/2"
3	CDO296	10	LOCKWASHER - 5/16"
4	VR2499	1	TUBE
5	VR2523	1	TUBE
6	VR3250	1	TUBE, R.H.
7	720462	5	CLAMP
8	VR2641	1	TUBE, L.H.
9	VP3433	2	UNION, HOSE
10	VDT241	2	JAMNUT - 5/8" - 18NF
11	VP2212	2	HOSE
12	423253	1	TEE
13	428958	1	BRACKET
14	CT1604	1	BOLT - 3/8" - 16NC X 1 1/2"
15	VM1405	3	LOCKWASHER - 3/8"
16	CT1521	1	NUT - 3/8" - 16NC
17	VP5324	4	CYLINDER, WHEEL
18	TH7526	8	CAPSCREW, SOCKET HEAD - 5/16" - 18NC X 3/4"
19	VP5396	1	BOLT
20	472804	1	FITTING, SWIVEL
21	423303	1	GASKET
22	423304	1	ADAPTER (1) (QTY. 1 (2))
23	729768	2	CAPSCREW - 5/16" - 18NC X 2 1/2"
24	H9911	2	VALVE, FLOW CONTROL
25	VP5065	1	CLAMP
26	HA0281	1	HOSE
27	HA0279	1	HOSE
28	TH7589	3	FITTING - 90°
29	VP5397	1	CLAMP
30	CT1602	2	CAPSCREW - 3/8" - 16NC X 1"
31	HA0223	1	HOSE
32	729958	1	CLAMP
33	C5747	1	CAPSCREW - 5/16" - 18NC X 3/4"
34	CDO296	1	LOCKWASHER - 5/16"
	121033	2	TIE, NYLON
	NS		

MANUAL FOOT BRAKE & MASTER CYLINDER



MANUAL FOOT BRAKE CONTROL

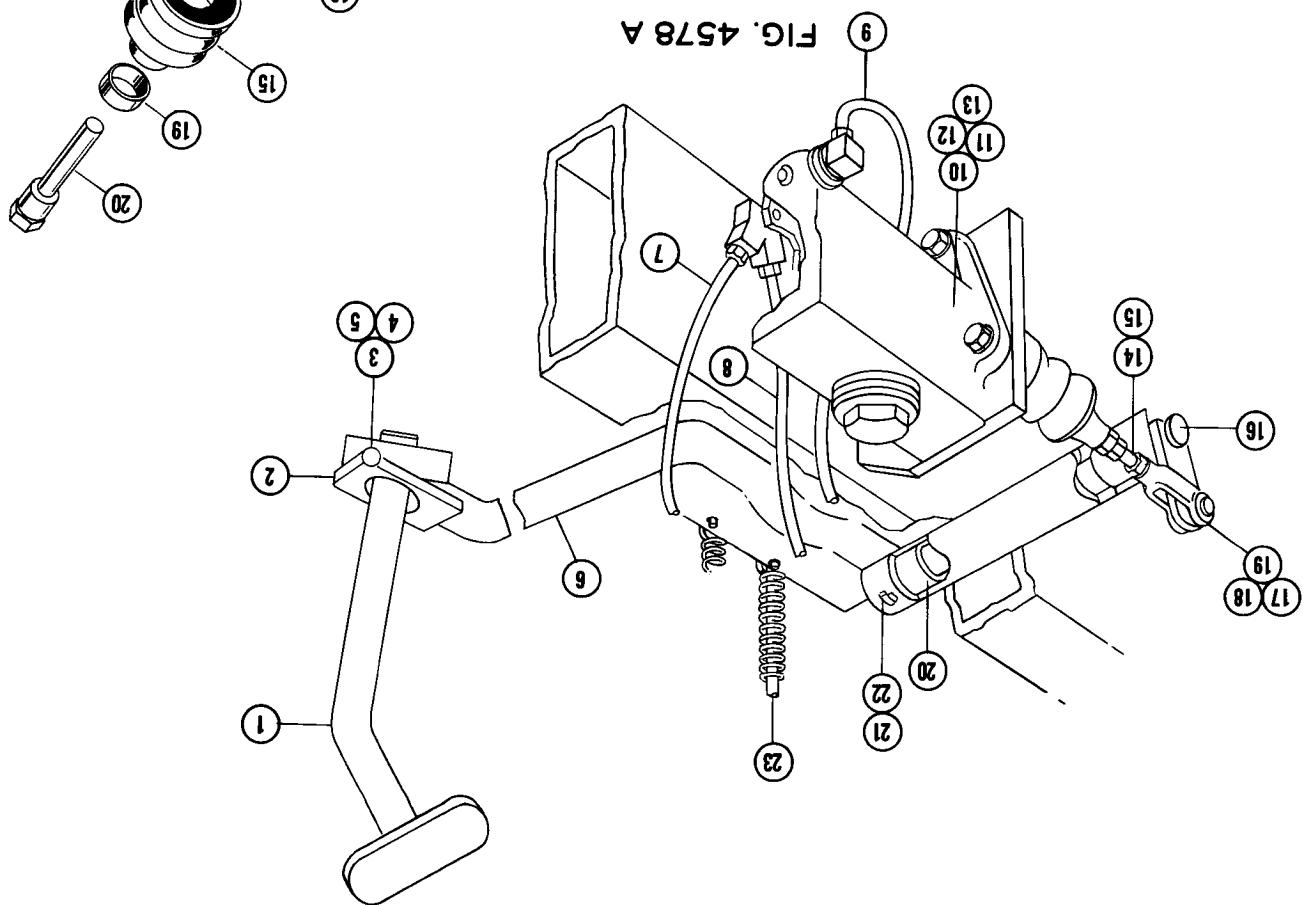


FIGURE 4578A

MANUAL FOOT BRAKE CONTROL

Ref. No.	Part No.	Qty.	Description
1	VR2528	1	PEDAL
2	VP6515	1	PAD, SEAL
3	422830	1	LOCK, PIN
4	C1523	1	NUT - 1/2" - 13NC
5	VM1454	1	LOCKWASHER - 1/2"
6	VR2529	1	LEVER, BRAKE
7	VR3250	1	TUBE, BRAKE - R.H.
8	VR2641	1	TUBE, BRAKE - L.H.
9	VR2642	1	TUBE, TRANS. BRAKE
10	722795	1	CYLINDER, MASTER (SEE INDEX)
11	C1604	3	CAPSCREW - 3/8" - 16NC X 1 1/2"
12	C1521	3	NUT - 3/8" - 16NC
13	VM1405	3	LOCKWASHER - 3/8"
14	VP5117	1	ROD, MASTER CYLINDER
15	TG3941	1	JAM NUT - 7/16" - 20NF
16	VR2623	1	LEVER, BRAKE PUSH
17	425350	1	YOKE
18	425353	1	PIN, YOKE
19	922123	1	PIN, COTTER
20	728993	2	BUSHING
21	4P2259	1	PIN
22	922122	1	PIN, COTTER
23	121162	2	SPRING

FIGURE 4578B

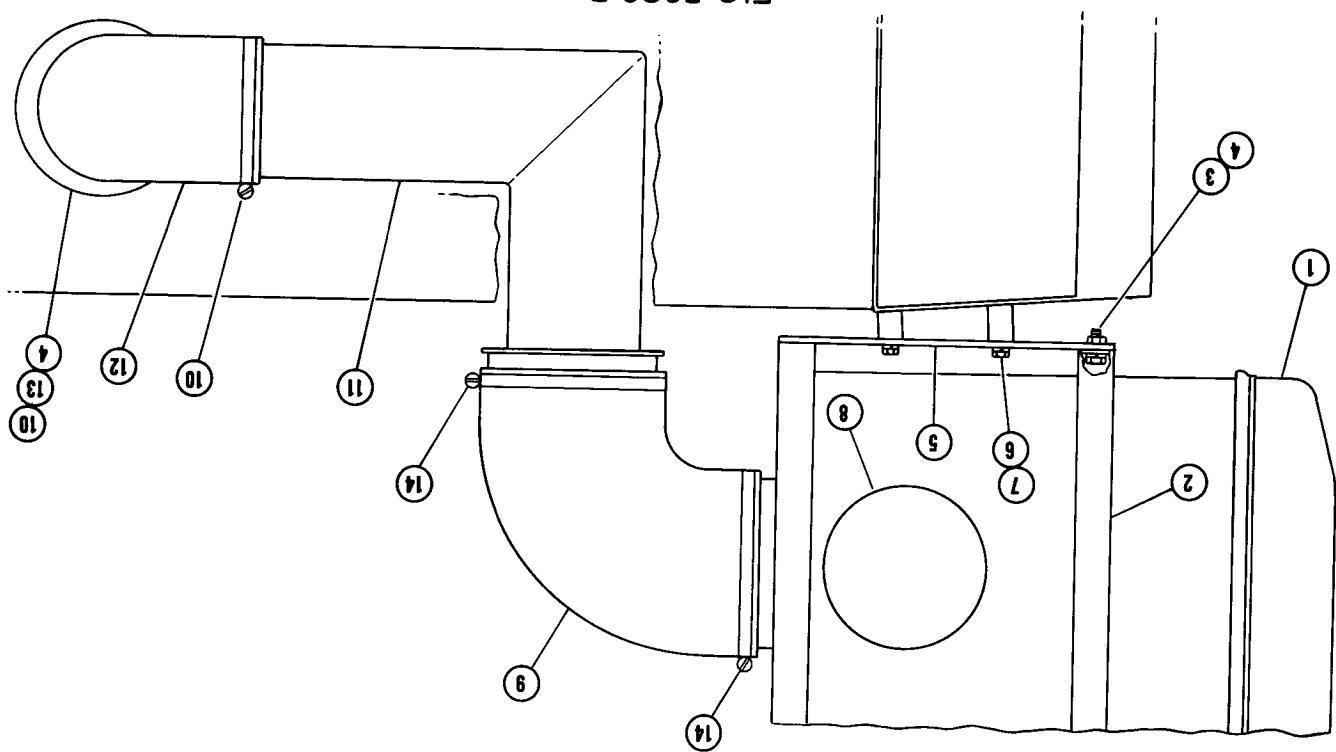
FOOT BRAKE - MASTER CYLINDER - 722795

1	471726	1	CAP, FILLER
2	471727	1	GASKET, FILLER CAP
3	423302	2	BOLT, OUTLET FITTING
4	423304	2	GASKET, OUTLET FITTING BOLT
5	473934	1	FITTING, SINGLE OUTLET
6	423303	2	GASKET, OUTLET FITTING
7	426238	1	PLUG, WELCH
8	472804	1	FITTING, DOUBLE OUTLET
9	471735	1	HOUSING, MASTER CYLINDER
10	923001	1	PLUG, PIPE - 1/8"
11	*	1	VALVE
12	*	1	CUP
13	*	1	PISTON
14	*	1	WIRE
15	*	1	BOOT
16	471741	1	SPRING, PISTON
17	471742	1	WASHER, PISTON
18	471747	1	STRAP, BOOT (LARGE)
19	471746	1	STRAP, BOOT (SMALL)
20	471748	1	LINK, CONNECTING

* INCLUDED IN 475087 MASTER CYLINDER KIT.

AIR CLEANER

FIG. 5626 B



AIR CLEANER

FIG. 5626 A

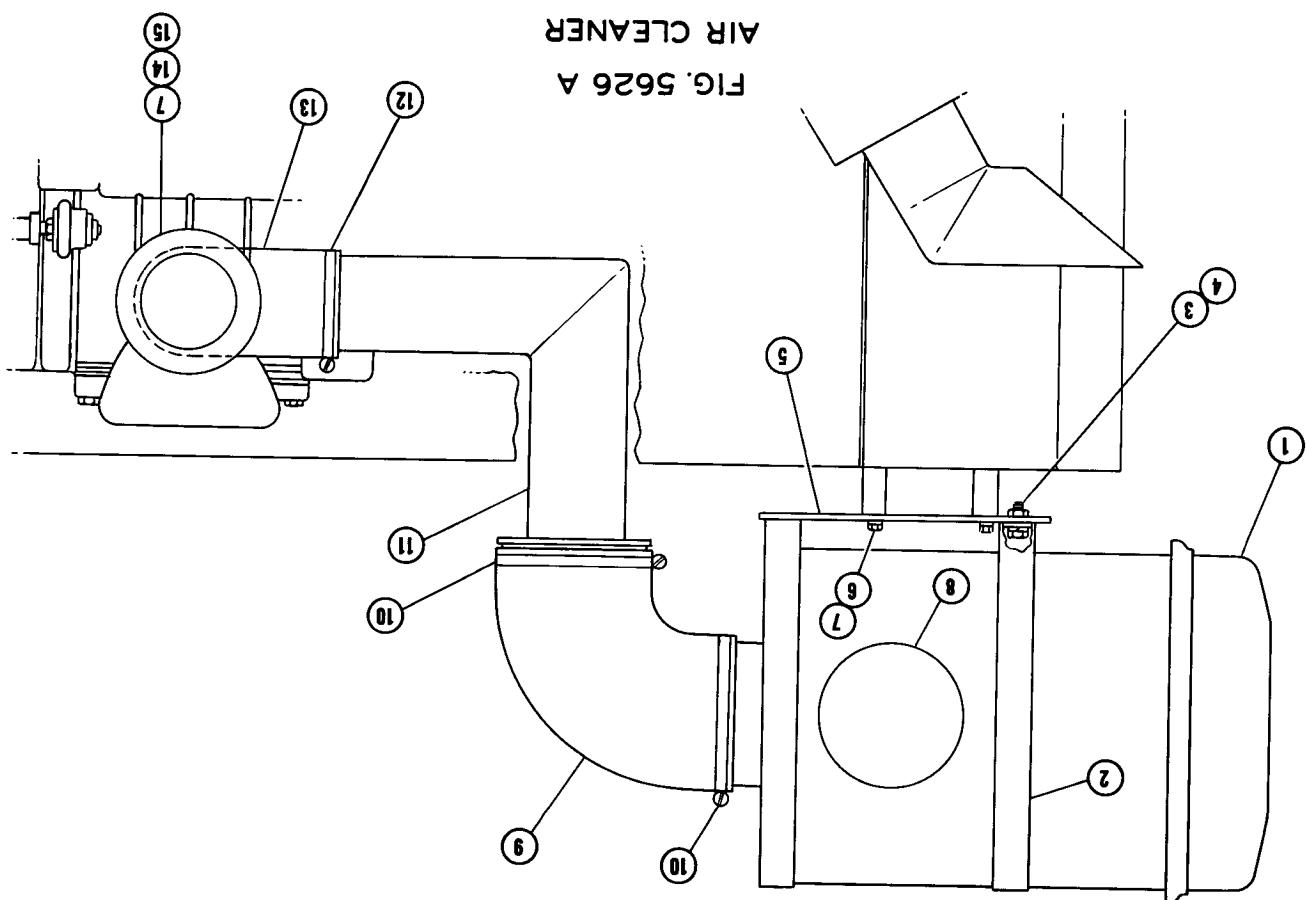


FIGURE 5626A

AIR CLEANER

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	VP7011	1	CLEANER, AIR (1)	4	VM1405	4	LOCKWASHER - 3/8"
	VP4712	1	CLEANER, AIR (2)	5	VR2451	1	BRACKET
	VY9209	1	ELEMENT	6	HC5040	4	CAPSCREW -5/16"-18NC X 2 3/4"
	VS1860	1	NUT (1)	7	CD0296	8	LOCKWASHER - 5/16"
	VP0358	1	NUT (2)	8	VP4718	1	HOOD, AIR INLET
	TR7298	1	CLAMP	9	TH5599	1	ELBOW
	VS1908	1	BAFFLE	10	TH0247	2	CLAMP, HOSE
	VJ0562	1	CUP (1)	11	VR2500	1	ADAPTOR
	VS1909	1	CUP (2)	12	TC9220	2	CLAMP, HOSE
	475588	1	"O" RING	13	VP4800	1	ELBOW
	VG9486	1	VALVE, VACULATOR (1)	14	662781	1	INLET, AIR
	VY9210	1	ELEMENT, SAFETY (1)	15	H8620	4	CAPSCREW-5/16" - 18NC X 1 1/4"
2	VD2728	2	BAND, AIR CLEANER	NS	VP3126	1	INDICATOR, SERVICE
3	C1603	4	CAPSCREW -3/8"-16NC X 1 1/4"	NS	TA2325	1	PRE-CLEANER, AIR

NOTE: (1) EFFECTIVE WITH 666B G.M. SERIAL NUMBER 15468 AND LATER.
666BT G.M. SERIAL NUMBER 6670 AND LATER.

(2) EFFECTIVE PRIOR TO NOTE #1 SERIAL NUMBERS

FIGURE 5626B

AIR CLEANER

1	YY9166	1	CLEANER, AIR (3)	7	H9911	2	CAPSCREW - 5/16"-18NC X 2 1/2"
	VP4713	1	CLEANER, AIR (4)	8	CD0296	4	LOCKWASHER - 5/16"
	VS0048	1	ELEMENT	9	VP4719	1	HOOD, AIR INLET
	TR4889	1	CLAMP	10	VP5035	1	ELBOW (4)
	VS1024	1	BAFFLE	11	VF1220	1	ELBOW (3)
	VS1025	1	CUP (3)	12	TH0247	4	CLAMP, HOSE
	VS1910	1	CUP (4)	13	VR2525	1	ADAPTOR
	TH7304	1	"O" RING	14	SR3523	1	ELBOW (3)
	VS1860	1	NUT	15	724299	1	ELBOW (4)
	VG9468	1	VALVE, VACUATOR (3)	16	724477	1	HOSE, HUMP (1)
	VS1764	1	ELEMENT, SAFETY (3)	17	VP6844	1	TUBE (1)
2	DL7009	2	BAND, AIR CLEANER	18	662653	1	INLET, AIR (2)
3	C1603	4	CAPSCREW -3/8"-16NC X 1 1/4"	19	TG1086	2	CLAMP, HOSE
4	VM1405	4	LOCKWASHER - 3/8"	20	VP3126	1	INDICATOR, SERVICE
5	VR2290	1	BRACKET	21	TA2325	1	PRE-CLEANER, AIR
6	H5825	2	CAPSCREW -5/16"-18NC X 2 1/4"	22	VP7010	1	ADAPTOR (FOR PRE-CLEANER)

NOTE: (1) EFFECTIVE WITH 777B-SERIAL NUMBER 3937 AND LATER. 777BT
SERIAL NUMBER 6914 AND LATER.

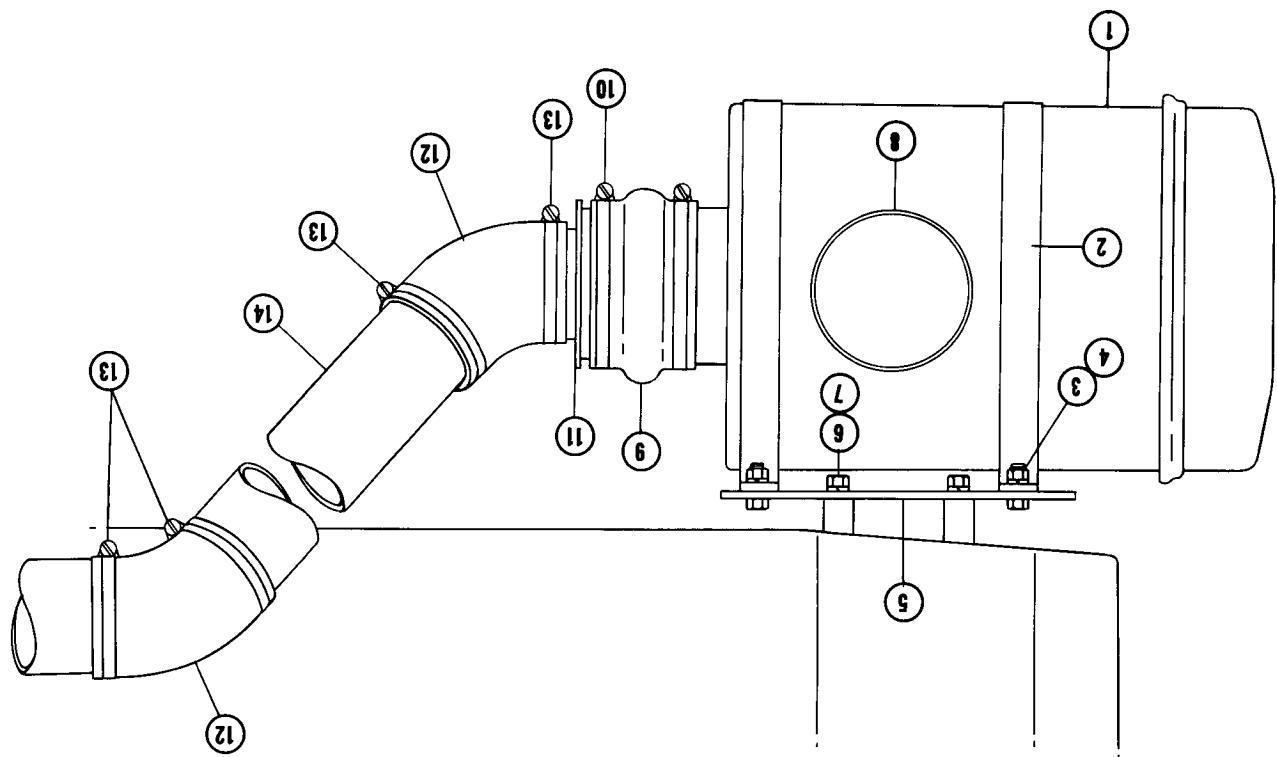
(2) EFFECTIVE PRIOR TO NOTE #1 SERIAL NUMBERS.

(3) EFFECTIVE WITH 777B AND 777BT - SERIAL NUMBER 4022 AND
LATER EXCEPT 4031 AND 4034.

(4) EFFECTIVE PRIOR TO NOTE #1 SERIAL NUMBERS.

AIR CLEANER

FIG. 4580 B



AIR CLEANER

FIG. 4580 A

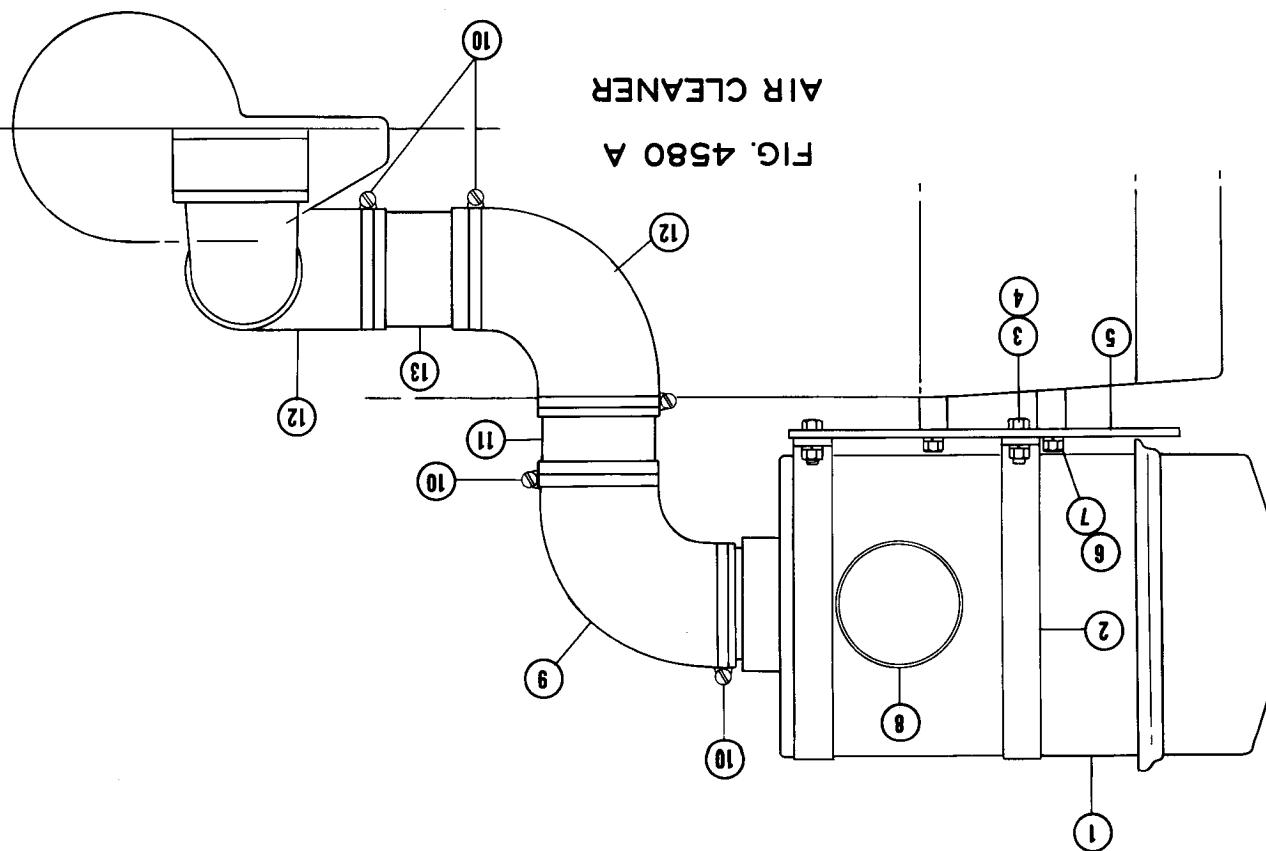


FIGURE 4580A

AIR CLEANER (1)

Ref. No.	Part No.	Qty.	Description
1	VP4365	1	CLEANER, AIR ELEMENT
	VPO357	1	NUT
	VPO358	1	CLAMP
	VPO359	1	BAFFLE
	VPO360	1	CUP
	VPO361	1	"O" RING
	VPO362	1	ELEMENT, SAFETY
	VJ0561	1	
2	VP3107	2	BAND, AIR CLEANER
3	C1603	4	CAPSCREW - 3/8" - 16NC X 1 1/4"
4	VM1405	4	LOCKWASHER - 3/8"
5	VR2290	1	BRACKET
6	H5825	2	CAPSCREW - 5/16" - 18NC X 2 1/4"
	H9911	2	CAPSCREW - 5/16" - 18NC X 2 1/2"
7	CD0296	4	LOCKWASHER - 5/16"
8	VH5995	1	HOOD, AIR CLEANER
9	724301	2	HOSE, HUMP
10	TC9220	8	CLAMP, HOSE
11	VP4714	1	TUBE
12	724298	2	ELBOW
13	VP4715	2	TUBE
NS	VP3126	1	INDICATOR, SERVICE
NS	CC8062	1	PRE-CLEANER

NOTE: (1) EFFECTIVE WITH 777B CUMMINS PRIOR TO SERIAL NO. 3977.

FIGURE 4580B

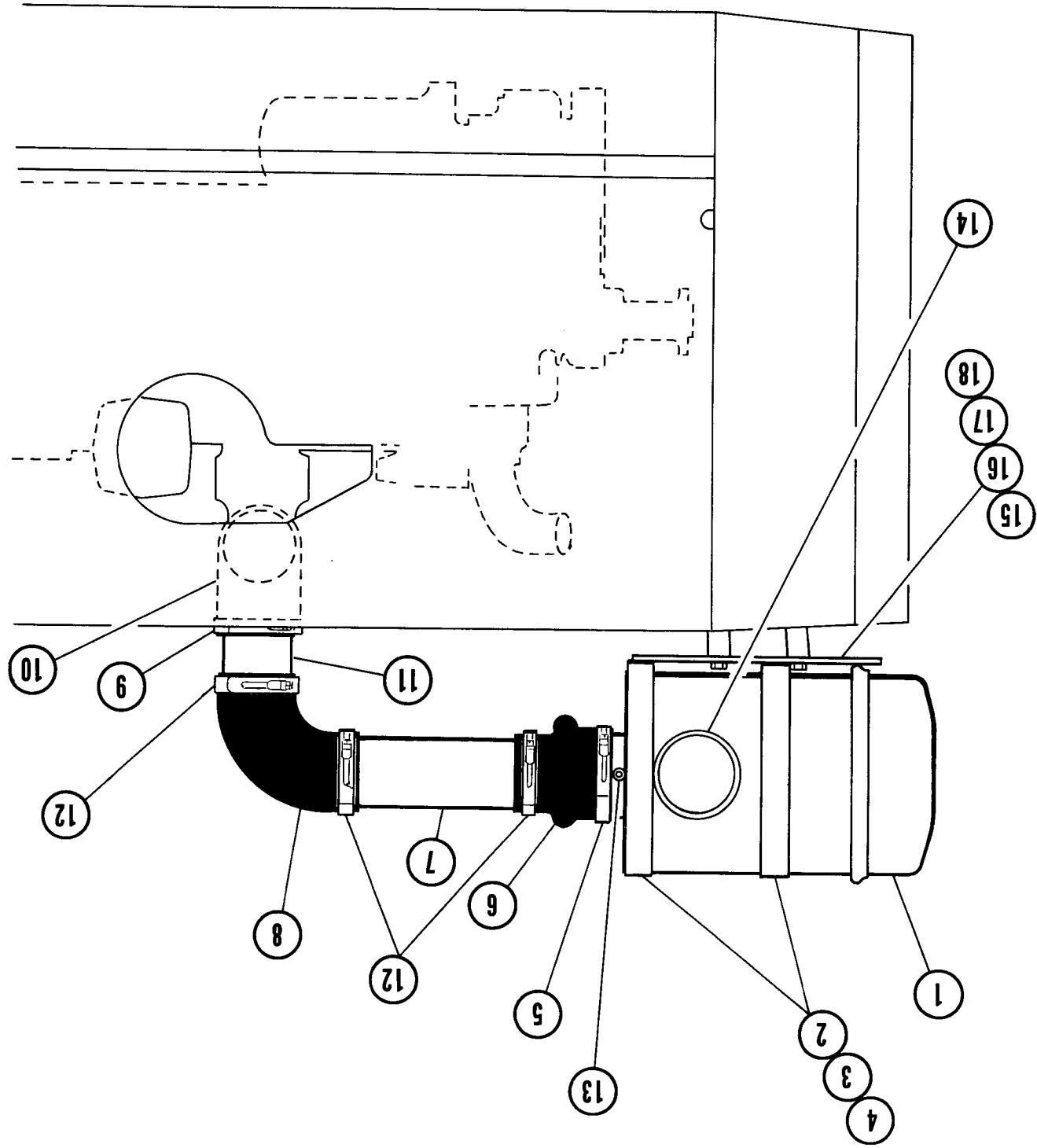
AIR CLEANER

1	VP7011	1	CLEANER, AIR (1)
	VP4712	1	CLEANER, AIR (2)
	VY9209	1	ELEMENT
	VS1860	1	NUT (1)
	VPO358	1	NUT (2)
	TR7298	1	CLAMP
	VS1908	1	BAFFLE
	VJ0562	1	CUP (1)
	VS1909	1	CUP (2)
	475588	1	"O" RING
	VG9486	1	VALVE, VACULATOR
	VS2394	1	ELEMENT, SAFETY
2	VD2758	2	BAND, AIR CLEANER
3	C1603	4	CAPSCREW - 3/8" - 16NC X 1 1/4"
4	VM1405	4	LOCKWASHER - 3/8"
5	VR2289	1	BRACKET
6	H5825	2	CAPSCREW - 5/16"-18NC X 2 1/4"
	H9911	2	CAPSCREW - 5/16" - 18NC X 2 1/2"
7	CD0296	4	LOCKWASHER - 5/16"
8	VP4718	1	HOOD, AIR INLET
9	TL3687	1	HOSE, HUMP
10	VP5642	2	CLAMP (1)
	TH0247	2	CLAMP (2)
11	VR2501	1	ADAPTOR
12	724340	2	ELBOW
13	VN0824	4	CLAMP (1)
	TC9220	4	CLAMP (2)
14	VP4730	1	TUBE
NS	VP2126	1	INDICATOR, SERVICE
NS	TA2325	1	PRE-CLEANER, AIR

NOTE: (1) EFFECTIVE WITH 777BT CUMMINS SERIAL NUMBER 6920 & LATER.
(2) EFFECTIVE WITH 777BT CUMMINS PRIOR TO SERIAL NO. NOTE #1

AIR CLEANER

FIG. 5627

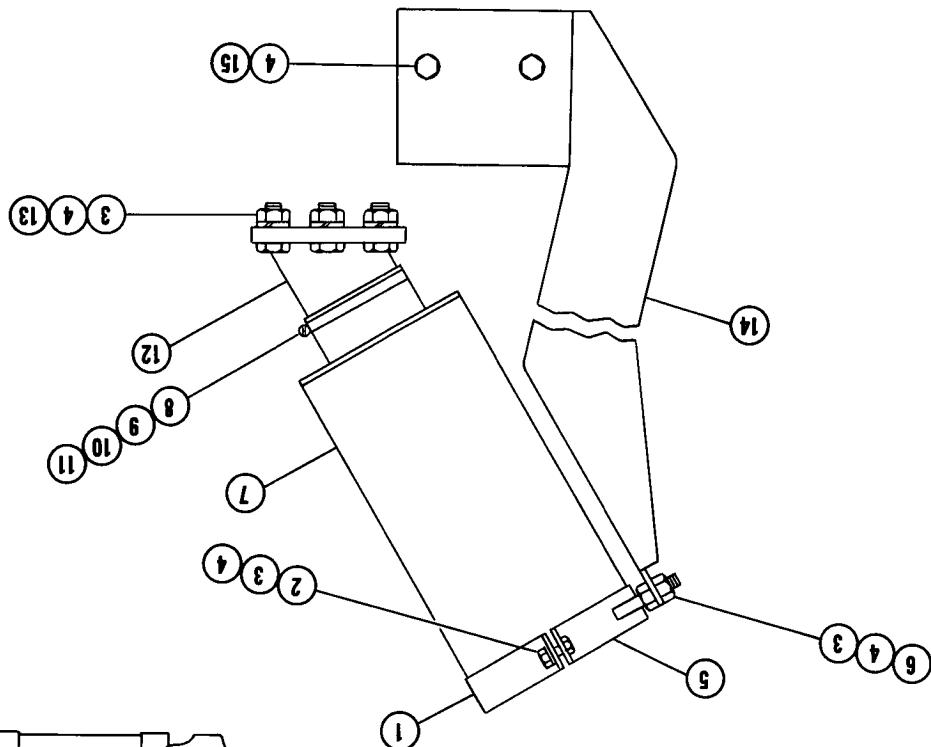


NOTE: (1) EFFECTIVE WITH 777B CUMMINS SERIAL NUMBER 3977 AND LATER

Ref.	Part No.	Qty.	Description
1	VP6987	1	CLEANER, AIR
2	VP0357	1	ELEMENT
3	VJ0561	1	ELEMENT, SAFETY
4	VJ0564	1	CLAMP
5	VJ0565	1	BAFFLE
6	VJ0566	1	CUP
7	VJ0567	1	"O" RING
8	VJ1860	1	NUT
9	V69486	1	VALVE, VACUATOR
10	728072	2	BAND, AIR CLEANER
11	C1603	4	CAPSCREW - 3/8" - 16NC X 1 1/4"
12	VM1405	4	LOCKMASHER - 3/8"
13	VP5644	1	CLAMP
14	729568	1	HOSE
15	VP4714	1	TUBE
16	TC2912	1	ELBOW
17	VN0822	1	ELBOW
18	VP4801	1	CLAMP
19	VN0822	2	CLAMP
20	VX0022	1	TUBE
21	VP3126	1	INDICATOR, SERVICE
22	VH5995	1	HOOD, AIR INLET
23	VR2290	1	BRACKET
24	H5825	2	CAPSCREW - 5/16" - 18NC X 2 1/4"
25	H9911	2	CAPSCREW - 5/16" - 18NC X 2 1/2"
26	CD0296	4	LOCKMASHER - 5/16"
27	CC8062	1	PRE-CLEANER, AIR

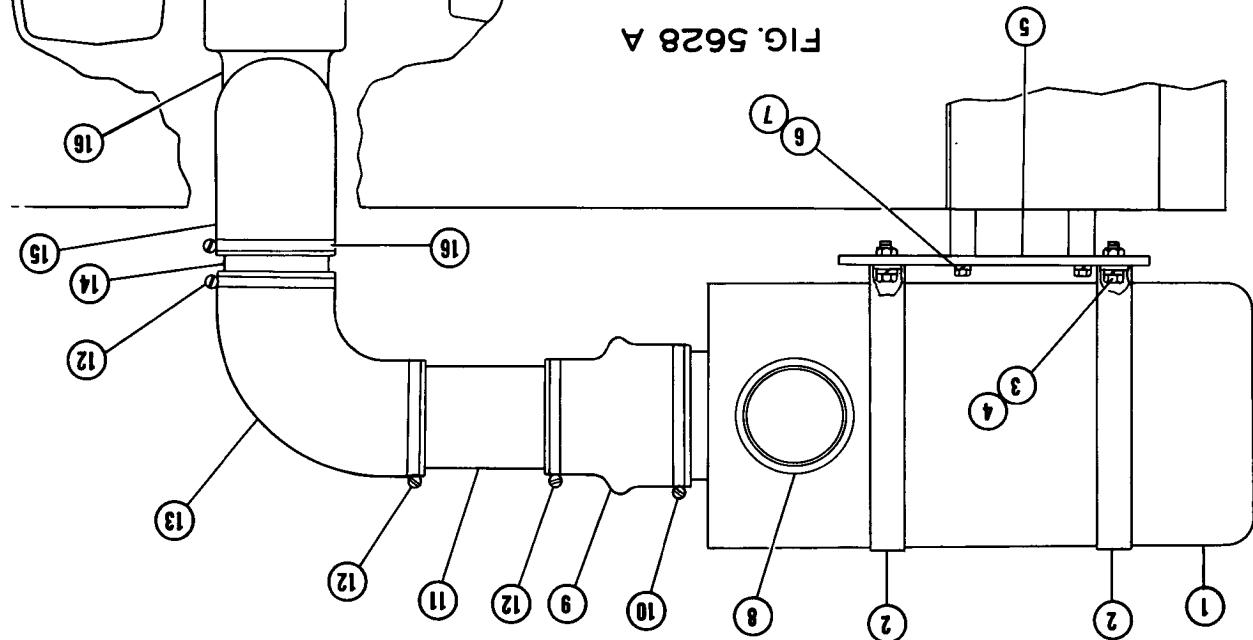
MUFFLER

FIG. 5628 B



AIR CLEANER

FIG. 5628 A



(EFFECTIVE WITH 666B-777B-777BT COLUMNS)

1	VP6987	CLEANER, AIR (1)	QTY.	Ref.
2	VP4711	CLEANER, AIR (2)		
3	VPO357	ELEMENT (1)		
4	VPO356	ELEMENT (2)		
5	VPO358	NUT (1)		
6	VJ0564	CLAMP (1)		
7	VJ0565	BAFFLE (1)		
8	VJ0566	CUP (1)		
9	VJ0567	CUP (2)		
10	475608	"O" RING (2)		
11	VJ0561	ELEMENT, SAFETY (1) - 11-9374		
12	728072	BAND, AIR CLEANER (1)		
13	724328	BAND, AIR CLEANER (2)		
14	VM1405	CAPSCREW - 3/8" - 16NC X 1 1/4"		
15	VR2451	LOCKMASHER - L.H.		
16	HG5040	CAPSCREW - 5/16" - 18NC X 2 3/4"		
17	CD0296	LOCKMASHER - 5/16"		
18	VH5995	HOOD, AIR INLET		
19	729568	HOSE, HUMP		
20	VP5644	CLAMP (1)		
21	CD9207	CLAMP (2)		
22	VP4714	TUBE (1)		
23	VW8943	TUBE (2)		
24	TC2912	ELBOW (1)		
25	TC9220	CLAMP, HOSE (2)		
26	VN0824	CLAMP (1)		
27	VX0022	ELBOW (2)		
28	TF5598	TUBE (1)		
29	VN0802	ELBOW (2)		
30	VP4801	ELBOW		
31	14	CLAMP		
32	15	ELBOW		
33	16	PRECLANER, AIR		
34	17	INDICATOR, SERVICE		
35	18	NOTE: (1) EFFECTIVE WITH 666B COLUMNS SERIAL NO. 15420 AND LATER.		
36	19	(2) EFFECTIVE PRIOR TO NOTE #1 SERIAL NUMBERS.		
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MUFFLER

FIG. 4582

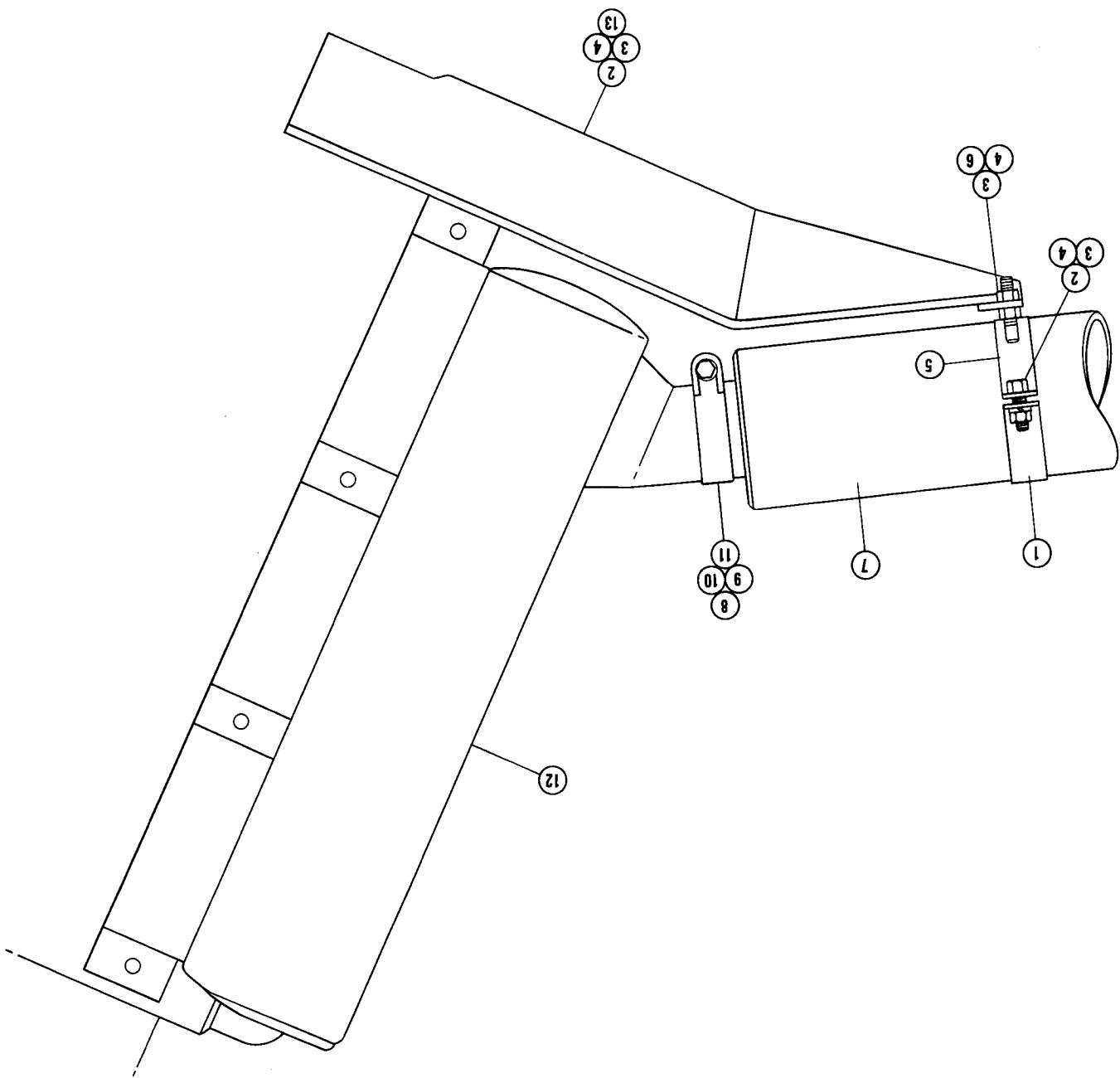


FIGURE 4582

MUFFLER

Ref. No.	Part No.	Qty.	Description
1	VP3434	1	CLAMP, MUFFLER
2	C1613	3	CAPSCREW - 1/2" - 13NC X 1 1/4"
3	C1523	7	NUT - 1/2" - 13NC
4	VM1454	7	LOCKWASHER - 1/2"
5	VR2626	1	CLAMP
6	C1549	4	FLATWASHER - 1/2"
7	VR0932	1	MUFFLER (1)/(2)
	VR2841	1	MUFFLER (3)
8	723547	1	CLAMP, EXHAUST PIPE
9	CC8396	1	CAPSCREW - 3/8" - 16NC X 2 3/4"
10	C1521	1	NUT - 3/8" - 16NC
11	VM1405	1	LOCKWASHER - 3/8"
12	VP5022	1	MUFFLER (1)
	VP2057	1	MUFFLER (2)
13	VP6303	1	BRACE

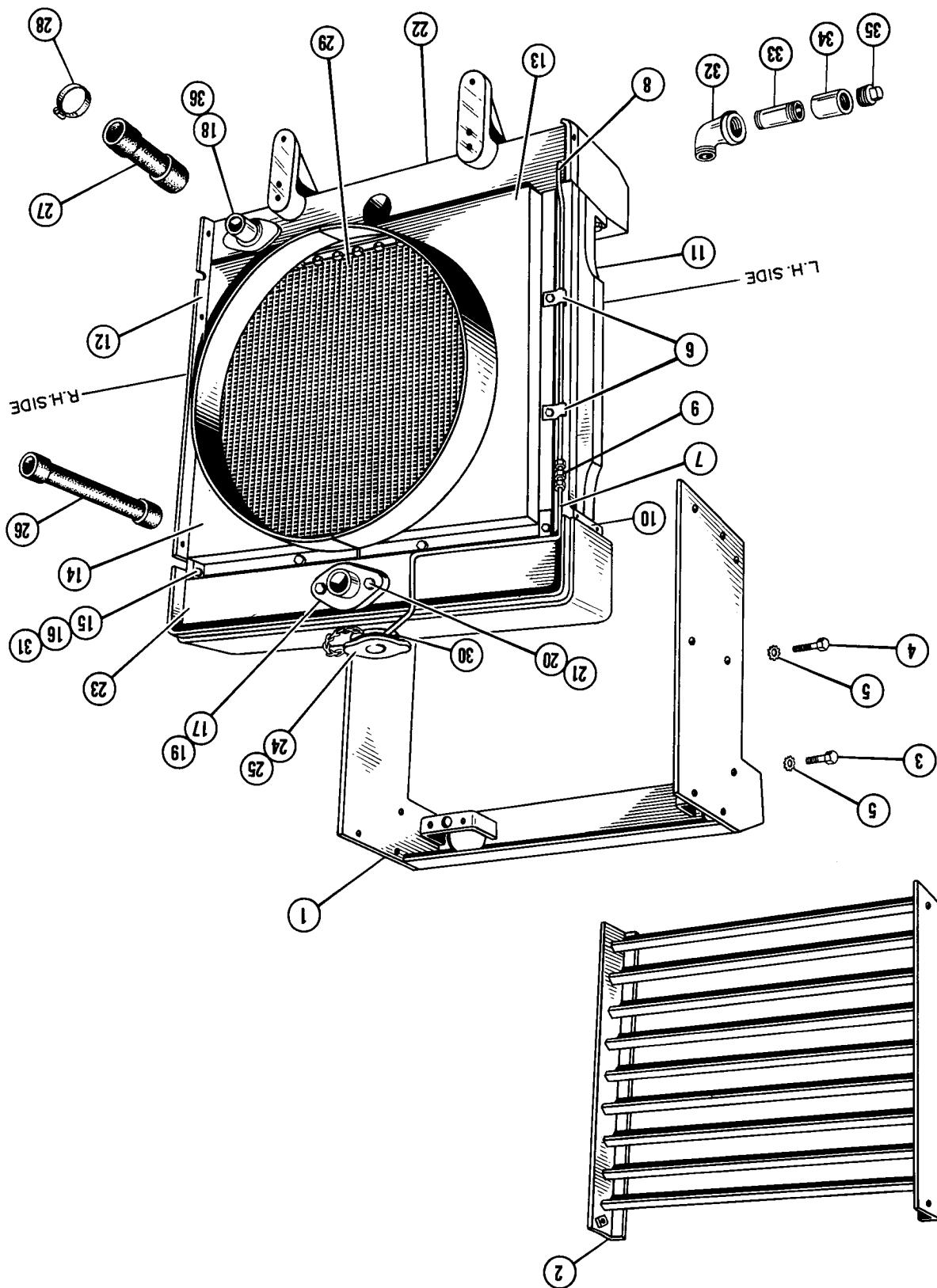
NOTE: (1) EFFECTIVE WITH 666B-BT G.M.

(2) EFFECTIVE WITH 777B G.M.

(3) EFFECTIVE WITH 777BT G.M.

RADIATOR & GRILLE

FIG. 5629

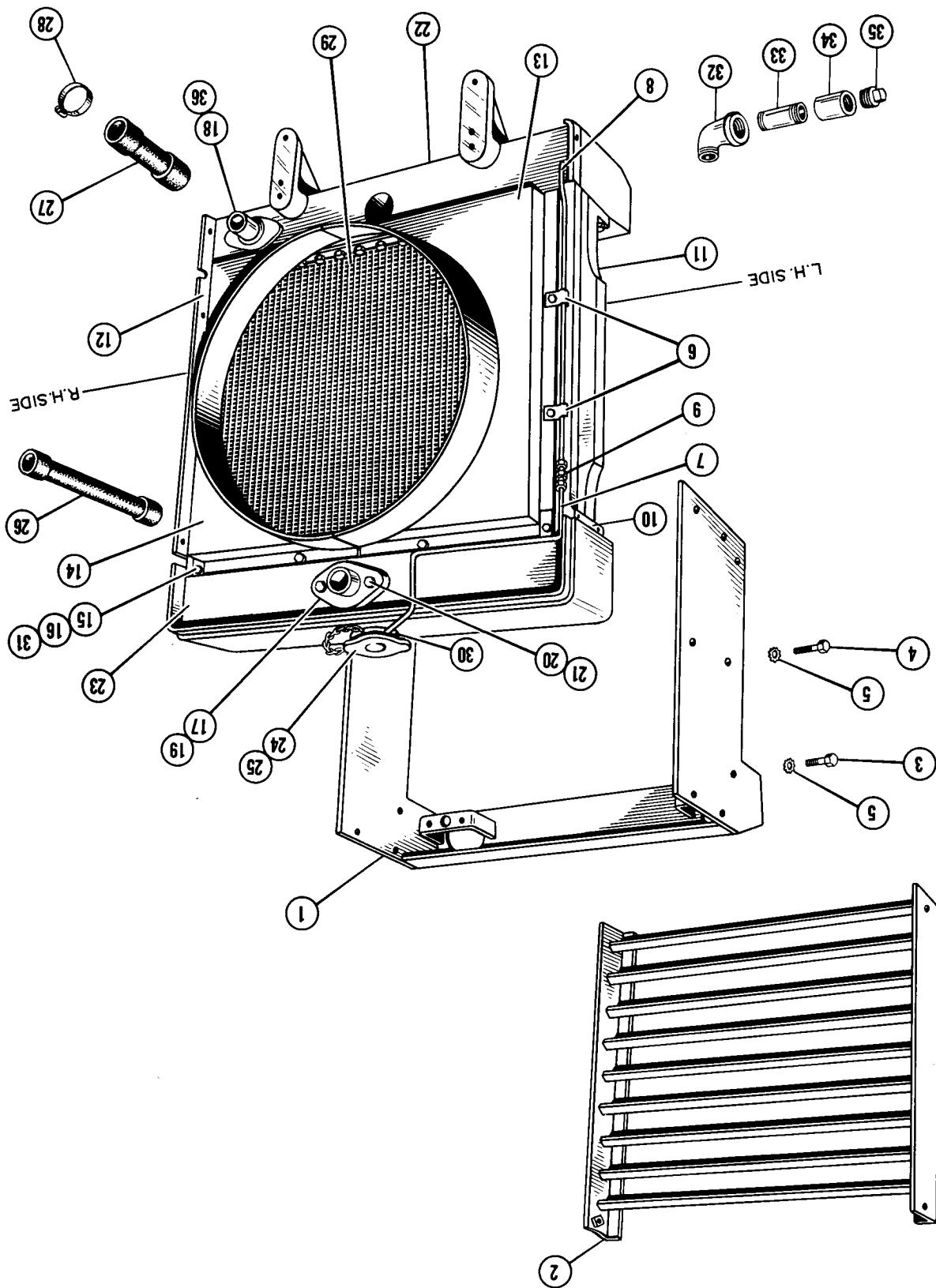


NOTE: (1) EFFECTIVE WITH 666B
 (2) EFFECTIVE WITH 777B
 (3) EFFECTIVE WITH 777BT
 (4) EFFECTIVE WITH 666B SERIAL NUMBER 15209 AND LATER.
 (5) EFFECTIVE WITH 666B PRIOR TO SERIAL NUMBER IN NOTE #4.

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	
1	406217	1	FRAME, GRILLE (1)	VR2837	1	FLANGE, UPPER (2)	V405663	1	FLANGE, GRILLE (2)/(3)	406222	1	GRILLE, RADIAATOR (1)
2	406222	1	GRILLE, RADIAATOR (2)/(3)	406223	1	GRILLE, RADIAATOR (1)	TR3565	1	GRILLE, RADIAATOR (2)/(3)	TR3565	1	GRILLE, RADIAATOR (1)
3	406223	1	CAPSCREW - 1/2"-13NC X 1"	406224	1	CAPSCREW - 1/2"-13NC X 1"	406224	1	CAPSCREW - 1/2"-13NC X 1"	406224	1	CAPSCREW - 1/2"-13NC X 1"
4	406224	1	LOCKMASHER - 1/2"	406224	1	FLANGE, UPPER (2)	406224	1	FLANGE, RADIAATOR (1)	406224	1	FLANGE, RADIAATOR (1)
5	406225	1	TANK, LOWER (2)	406225	1	TANK, LOWER (1)	406225	1	TANK, LOWER (1)	406225	1	TANK, LOWER (1)
6	720462	3	CLAMP	475761	1	TUBE, OVERFLOW (1)	475761	1	TUBE, OVERFLOW (1)	475761	1	TUBE, OVERFLOW (1)
7	475761	1	GASKET, UPPER (1)	475762	1	GASKET, OVERFLOW (1)	475762	1	GASKET, OVERFLOW (1)	475763	1	UNION (1)
8	475762	1	GASKET, CAP	475763	1	GASKET, CAP	475763	1	GASKET, CAP	475763	1	UNION (1)
9	475763	1	CLAMP	475764	1	TANK, UPPER (1)	475764	1	TANK, UPPER (1)	475764	1	TANK, UPPER (1)
10	475764	2	GASKET (1)	475765	1	GASKET, OVERFLOW (1)	475765	1	GASKET, OVERFLOW (1)	475765	1	GASKET, OVERFLOW (1)
11	475765	1	HOSE, LOWER (1)/(2)	475766	1	HOSE, LOWER (1)	475766	1	HOSE, LOWER (1)	475766	1	HOSE, LOWER (1)
12	475766	1	CLAMP, HOSE	475767	1	HOSE, LOWER (3)	475767	1	HOSE, LOWER (3)	475767	1	HOSE, LOWER (3)
13	475767	1	SPACER, R.H. (1)	475768	1	HOSE, LOWER (1)/(2)	475768	1	HOSE, LOWER (1)/(2)	475768	1	HOSE, LOWER (1)/(2)
14	475768	1	SPACER, R.H. (4)	475769	1	NECK, RADIAATOR	475769	1	NECK, RADIAATOR	475769	1	NECK, RADIAATOR
15	475769	1	SHROUD, FAN (3)	475770	1	ELBOW, FLAT - 3/8"	475770	1	ELBOW, FLAT - 3/8"	475770	1	ELBOW, FLAT - 3/8"
16	475770	1	SHROUD, FAN (5)	475771	1	WASHER, FLAT - 3/8"	475771	1	WASHER, FLAT - 3/8"	475771	1	WASHER, FLAT - 3/8"
17	724264	1	GASKET	475772	1	NIPPLE - 1/2" X 2"	475772	1	NIPPLE - 1/2" X 2"	475772	1	NIPPLE - 1/2" X 2"
18	724265	1	SHROUD, FAN (5)	475773	1	WASHER, FLAT - 1/2"	475773	1	WASHER, FLAT - 1/2"	475773	1	WASHER, FLAT - 1/2"
19	VM1405	9	LOCKMASHER - 3/8"	475774	1	PLUG, PIPE - 1/2"	475774	1	PLUG, PIPE - 1/2"	475774	1	PLUG, PIPE - 1/2"
	VR1405	1	FLANGE, LOWER (2)	475775	1	CAPSCREW - 16NC X 1/2"	475775	1	CAPSCREW - 16NC X 1/2"	475775	1	CAPSCREW - 16NC X 1/2"
	VR1408	1	FLANGE, LOWER (3)	475776	1	RADIATOR (2)	475776	1	RADIATOR (2)	475776	1	RADIATOR (2)
	VR1409	1	FLANGE, UPPER (1)	475777	1	RADIATOR (3)	475777	1	RADIATOR (3)	475777	1	RADIATOR (3)
	407555	1	GASKET	475778	1	LOCKMASHER (1)	475778	1	LOCKMASHER (1)	475778	1	LOCKMASHER (1)
	407556	1	FLANGE, LOWER (1)	475779	1	FLANGE, UPPER (1)	475779	1	FLANGE, UPPER (1)	475779	1	FLANGE, UPPER (1)
	407557	1	FLANGE, LOWER (2)	475780	1	FLANGE, UPPER (2)	475780	1	FLANGE, UPPER (2)	475780	1	FLANGE, UPPER (2)
	407558	1	FLANGE, LOWER (3)	475781	1	FLANGE, UPPER (3)	475781	1	FLANGE, UPPER (3)	475781	1	FLANGE, UPPER (3)
	407559	1	FLANGE, UPPER (4)	475782	1	FLANGE, UPPER (4)	475782	1	FLANGE, UPPER (4)	475782	1	FLANGE, UPPER (4)
	407560	1	FLANGE, UPPER (5)	475783	1	FLANGE, UPPER (5)	475783	1	FLANGE, UPPER (5)	475783	1	FLANGE, UPPER (5)
	406530	1	SHROUD, FAN (4)	475784	1	FLANGE, UPPER (6)	475784	1	FLANGE, UPPER (6)	475784	1	FLANGE, UPPER (6)
	406531	1	SHROUD, FAN (5)	475785	1	FLANGE, UPPER (7)	475785	1	FLANGE, UPPER (7)	475785	1	FLANGE, UPPER (7)
	406532	1	SHROUD, FAN (6)	475786	1	FLANGE, UPPER (8)	475786	1	FLANGE, UPPER (8)	475786	1	FLANGE, UPPER (8)
	406533	1	SHROUD, FAN (7)	475787	1	FLANGE, UPPER (9)	475787	1	FLANGE, UPPER (9)	475787	1	FLANGE, UPPER (9)
	406534	1	SHROUD, FAN (8)	475788	1	FLANGE, UPPER (10)	475788	1	FLANGE, UPPER (10)	475788	1	FLANGE, UPPER (10)
	406535	1	SHROUD, FAN (9)	475789	1	FLANGE, UPPER (11)	475789	1	FLANGE, UPPER (11)	475789	1	FLANGE, UPPER (11)
	406536	1	SHROUD, FAN (10)	475790	1	FLANGE, UPPER (12)	475790	1	FLANGE, UPPER (12)	475790	1	FLANGE, UPPER (12)
	406537	1	SHROUD, FAN (11)	475791	1	FLANGE, UPPER (13)	475791	1	FLANGE, UPPER (13)	475791	1	FLANGE, UPPER (13)
	406538	1	SHROUD, FAN (12)	475792	1	FLANGE, UPPER (14)	475792	1	FLANGE, UPPER (14)	475792	1	FLANGE, UPPER (14)
	406539	1	SHROUD, FAN (13)	475793	1	FLANGE, UPPER (15)	475793	1	FLANGE, UPPER (15)	475793	1	FLANGE, UPPER (15)
	406540	1	SHROUD, FAN (14)	475794	1	FLANGE, UPPER (16)	475794	1	FLANGE, UPPER (16)	475794	1	FLANGE, UPPER (16)
	406541	1	SHROUD, FAN (15)	475795	1	FLANGE, UPPER (17)	475795	1	FLANGE, UPPER (17)	475795	1	FLANGE, UPPER (17)
	406542	1	SHROUD, FAN (16)	475796	1	FLANGE, UPPER (18)	475796	1	FLANGE, UPPER (18)	475796	1	FLANGE, UPPER (18)
	406543	1	SHROUD, FAN (17)	475797	1	FLANGE, UPPER (19)	475797	1	FLANGE, UPPER (19)	475797	1	FLANGE, UPPER (19)
	406544	1	SHROUD, FAN (18)	475798	1	FLANGE, UPPER (20)	475798	1	FLANGE, UPPER (20)	475798	1	FLANGE, UPPER (20)
	406545	1	SHROUD, FAN (19)	475799	1	FLANGE, UPPER (21)	475799	1	FLANGE, UPPER (21)	475799	1	FLANGE, UPPER (21)
	406546	1	SHROUD, FAN (20)	475800	1	FLANGE, UPPER (22)	475800	1	FLANGE, UPPER (22)	475800	1	FLANGE, UPPER (22)
	406547	1	SHROUD, FAN (21)	475801	1	FLANGE, UPPER (23)	475801	1	FLANGE, UPPER (23)	475801	1	FLANGE, UPPER (23)
	406548	1	SHROUD, FAN (22)	475802	1	FLANGE, UPPER (24)	475802	1	FLANGE, UPPER (24)	475802	1	FLANGE, UPPER (24)
	406549	1	SHROUD, FAN (23)	475803	1	FLANGE, UPPER (25)	475803	1	FLANGE, UPPER (25)	475803	1	FLANGE, UPPER (25)
	406550	1	SHROUD, FAN (24)	475804	1	FLANGE, UPPER (26)	475804	1	FLANGE, UPPER (26)	475804	1	FLANGE, UPPER (26)
	406551	1	SHROUD, FAN (25)	475805	1	FLANGE, UPPER (27)	475805	1	FLANGE, UPPER (27)	475805	1	FLANGE, UPPER (27)
	406552	1	SHROUD, FAN (26)	475806	1	FLANGE, UPPER (28)	475806	1	FLANGE, UPPER (28)	475806	1	FLANGE, UPPER (28)
	406553	1	SHROUD, FAN (27)	475807	1	FLANGE, UPPER (29)	475807	1	FLANGE, UPPER (29)	475807	1	FLANGE, UPPER (29)
	406554	1	SHROUD, FAN (28)	475808	1	FLANGE, UPPER (30)	475808	1	FLANGE, UPPER (30)	475808	1	FLANGE, UPPER (30)
	406555	1	SHROUD, FAN (29)	475809	1	FLANGE, UPPER (31)	475809	1	FLANGE, UPPER (31)	475809	1	FLANGE, UPPER (31)
	406556	1	SHROUD, FAN (30)	475810	1	FLANGE, UPPER (32)	475810	1	FLANGE, UPPER (32)	475810	1	FLANGE, UPPER (32)
	406557	1	SHROUD, FAN (31)	475811	1	FLANGE, UPPER (33)	475811	1	FLANGE, UPPER (33)	475811	1	FLANGE, UPPER (33)
	406558	1	SHROUD, FAN (32)	475812	1	FLANGE, UPPER (34)	475812	1	FLANGE, UPPER (34)	475812	1	FLANGE, UPPER (34)
	406559	1	SHROUD, FAN (33)	475813	1	FLANGE, UPPER (35)	475813	1	FLANGE, UPPER (35)	475813	1	FLANGE, UPPER (35)
	406560	1	SHROUD, FAN (34)	475814	1	FLANGE, UPPER (36)	475814	1	FLANGE, UPPER (36)	475814	1	FLANGE, UPPER (36)
	406561	1	SHROUD, FAN (35)	475815	1	FLANGE, UPPER (37)	475815	1	FLANGE, UPPER (37)	475815	1	FLANGE, UPPER (37)
	406562	1	SHROUD, FAN (36)	475816	1	FLANGE, UPPER (38)	475816	1	FLANGE, UPPER (38)	475816	1	FLANGE, UPPER (38)
	406563	1	SHROUD, FAN (37)	475817	1	FLANGE, UPPER (39)	475817	1	FLANGE, UPPER (39)	475817	1	FLANGE, UPPER (39)
	406564	1	SHROUD, FAN (38)	475818	1	FLANGE, UPPER (40)	475818	1	FLANGE, UPPER (40)	475818	1	FLANGE, UPPER (40)
	406565	1	SHROUD, FAN (39)	475819	1	FLANGE, UPPER (41)	475819	1	FLANGE, UPPER (41)	475819	1	FLANGE, UPPER (41)
	406566	1	SHROUD, FAN (40)	475820	1	FLANGE, UPPER (42)	475820	1	FLANGE, UPPER (42)	475820	1	FLANGE, UPPER (42)
	406567	1	SHROUD, FAN (41)	475821	1	FLANGE, UPPER (43)	475821	1	FLANGE, UPPER (43)	475821	1	FLANGE, UPPER (43)
	406568	1	SHROUD, FAN (42)	475822	1	FLANGE, UPPER (44)	475822	1	FLANGE, UPPER (44)	475822	1	FLANGE, UPPER (44)
	406569	1	SHROUD, FAN (43)	475823	1	FLANGE, UPPER (45)	475823	1	FLANGE, UPPER (45)	475823	1	FLANGE, UPPER (45)
	406570	1	SHROUD, FAN (44)	475824	1	FLANGE, UPPER (46)	475824	1	FLANGE, UPPER (46)	475824	1	FLANGE, UPPER (46)
	406571	1	SHROUD, FAN (45)	475825	1	FLANGE, UPPER (47)	475825	1	FLANGE, UPPER (47)	475825	1	FLANGE, UPPER (47)
	406572	1	SHROUD, FAN (46)	475826	1	FLANGE, UPPER (48)	475826	1	FLANGE, UPPER (48)	475826	1	FLANGE, UPPER (48)
	406573	1	SHROUD, FAN (47)	475827	1	FLANGE, UPPER (49)	475827	1	FLANGE, UPPER (49)	475827	1	FLANGE, UPPER (49)
	406574	1	SHROUD, FAN (48)	475828	1	FLANGE, UPPER (50)	475828	1	FLANGE, UPPER (50)	475828	1	FLANGE, UPPER (50)
	406575	1	SHROUD, FAN (49)	475829	1	FLANGE, UPPER (51)	475829	1	FLANGE, UPPER (51)	475829	1	FLANGE, UPPER (51)
	406576	1	SHROUD, FAN (50)	475830	1	FLANGE, UPPER (52)	475830	1	FLANGE, UPPER (52)	475830	1	FLANGE, UPPER (52)
	406577	1	SHROUD, FAN (51)	475831	1	FLANGE, UPPER (53)	475831	1	FLANGE, UPPER (53)	475831	1	FLANGE, UPPER (53)
	406578	1	SHROUD, FAN (52)	475832	1	FLANGE, UPPER (54)	475832	1	FLANGE, UPPER (54)	475832	1	FLANGE, UPPER (54)
	406579	1	SHROUD, FAN (53)	475833	1	FLANGE, UPPER (55)	475833	1	FLANGE, UPPER (55)	475833	1	FLANGE, UPPER (55)
	406580	1	SHROUD, FAN (54)	475834	1	FLANGE, UPPER (56)	475834	1	FLANGE, UPPER (56)	475834	1	FLANGE, UPPER (56)
	406581	1	SHROUD, FAN (55)	475835	1	FLANGE, UPPER (57)	475835	1	FLANGE, UPPER (57)	475835	1	FLANGE, UPPER (57)
	406582	1	SHROUD, FAN (56)	475836	1	FLANGE, UPPER (58)	475836	1	FLANGE, UPPER (58)	475836	1	FLANGE, UPPER (58)
	406583	1	SHROUD, FAN (57)	475837	1	FLANGE, UPPER (59)	475837	1	FLANGE, UPPER (59)	475837	1	FLANGE, UPPER (59)
	406584	1	SHROUD, FAN (58)	475838	1	FLANGE, UPPER (60)	475838	1	FLANGE, UPPER (60)	475838	1	FLANGE, UPPER (60)
	406585	1	SHROUD, FAN (59)	475839	1	FLANGE, UPPER (61)	475839	1	FLANGE, UPPER (61)	475839	1	FLANGE, UPPER (61)
	406586	1	SHROUD, FAN (60)	475840	1	FLANGE, UPPER (62)	475840	1	FLANGE, UPPER (62)	475840	1	FLANGE, UPPER (62)
	406587	1	SHROUD, FAN (61)	475841	1	FLANGE, UPPER (63)	475841	1	FLANGE, UPPER (63)	475841	1	FLANGE, UPPER (63)
	406588	1	SHROUD, FAN (62)	475842	1	FLANGE, UPPER (64)	475842	1	FLANGE, UPPER (64)	475842	1	FLANGE, UPPER (64)
	406589	1	SHROUD, FAN (63)	4								

RADIATOR & GRILLE

FIG. 5629



NOTE: (1) EFFECTIVE WITH 666B.
 (2) EFFECTIVE WITH 666BT.
 (3) EFFECTIVE WITH 777B.
 (4) EFFECTIVE WITH 777BT.

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	406217	1	FRAME, GRILLE (1)/(2)	21	C1540	4	LOCKMASHER - 1/2"	22	VPO081	1	TANK, LOWER (1)
2	406222	1	GRILLE, RADIAATOR (1)/(2)	22	475317	1	TANK, LOWER (2)	23	VPO142	1	TANK, LOWER (3)
3	406223	1	GRILLE, RADIAATOR (3)/(4)	24	VPO141	1	TANK, LOWER (4)	25	475404	1	TANK, LOWER (3)/(4)
4	TR5365	12	CAPSCREW - 5/16"-18NC X 3/4"	26	475316	1	LOCKMASHER - 5/16"	27	475404	1	LOCKMASHER - 5/16"
5	C5747	2	CAPSCREW - 5/16"-18NC X 1/2"	28	475404	1	LOCKMASHER - 5/16"	29	724302	1	HOSE, LOWER (2)
6	720462	3	CLAMP	29	724303	1	HOSE, LOWER (1)	30	475321	1	CORE, RADIAATOR (2)
7	475761	1	TUBE, OVERFLOW (1)/(2)	30	475320	1	CORE, RADIAATOR (1)	31	475321	1	CORE, RADIAATOR (2)
8	475762	1	UNION (1)/(2)	31	475321	1	CORE, RADIAATOR (4)	32	475321	1	CORE, RADIAATOR (3)
9	475763	1	TUBE, OVERFLOW (1)/(2)	32	475320	1	CORE, RADIAATOR (3)	33	475320	1	CORE, RADIAATOR (2)
10	475322	2	GASKET (1)/(2)	33	475320	1	CORE, RADIAATOR (1)	34	475320	1	CORE, RADIAATOR (2)
11	475318	1	GASKET (3)/(4)	34	475320	1	CORE, RADIAATOR (4)	35	920005	1	PLUG - 1/2"
12	475406	1	SPACER, R.H. (3)/(4)	35	920005	1	LOCKMASHER - 3/8"	36	724264	1	GASKET (1)/(2)
13	475405	1	SPACER, L.H. (1)/(2)	36	724264	1	LOCKMASHER - 1/2"	37	406190	1	FLANGE, LOWER (1)
14	VR1805	1	SHROUD, FAN R.H. (4)	37	406190	1	FLANGE, LOWER (2)	38	405663	1	FLANGE, LOWER (3)
15	VR1804	1	SHROUD, FAN L.H. (4)	38	406190	1	FLANGE, LOWER (4)	39	VR2017	1	FLANGE, LOWER (3)/(2)
16	C1600	9	CAPSCREW - 3/8"-16NC X 1/2"	39	VR2017	1	FLANGE, LOWER (4)	40	VR0837	1	FLANGE, LOWER (2)
17	VM1405	9	CAPSCREW - 3/8"-16NC X 1/2"	40	VR0837	1	FLANGE, LOWER (3)	41	405663	1	FLANGE, LOWER (2)
18	724264	1	LOCKMASHER - 3/8"	41	405663	1	FLANGE, LOWER (4)	42	404962	1	FLANGE, LOWER (3)
19	C1612	4	CAPSCREW - 1/2" - 16NC X 1"	42	404962	1	FLANGE, LOWER (4)	43	405379	1	FLANGE, LOWER (4)
20				43	405379	1	FLANGE, LOWER (4)	44			

SCARIFIER

FIG. 4495

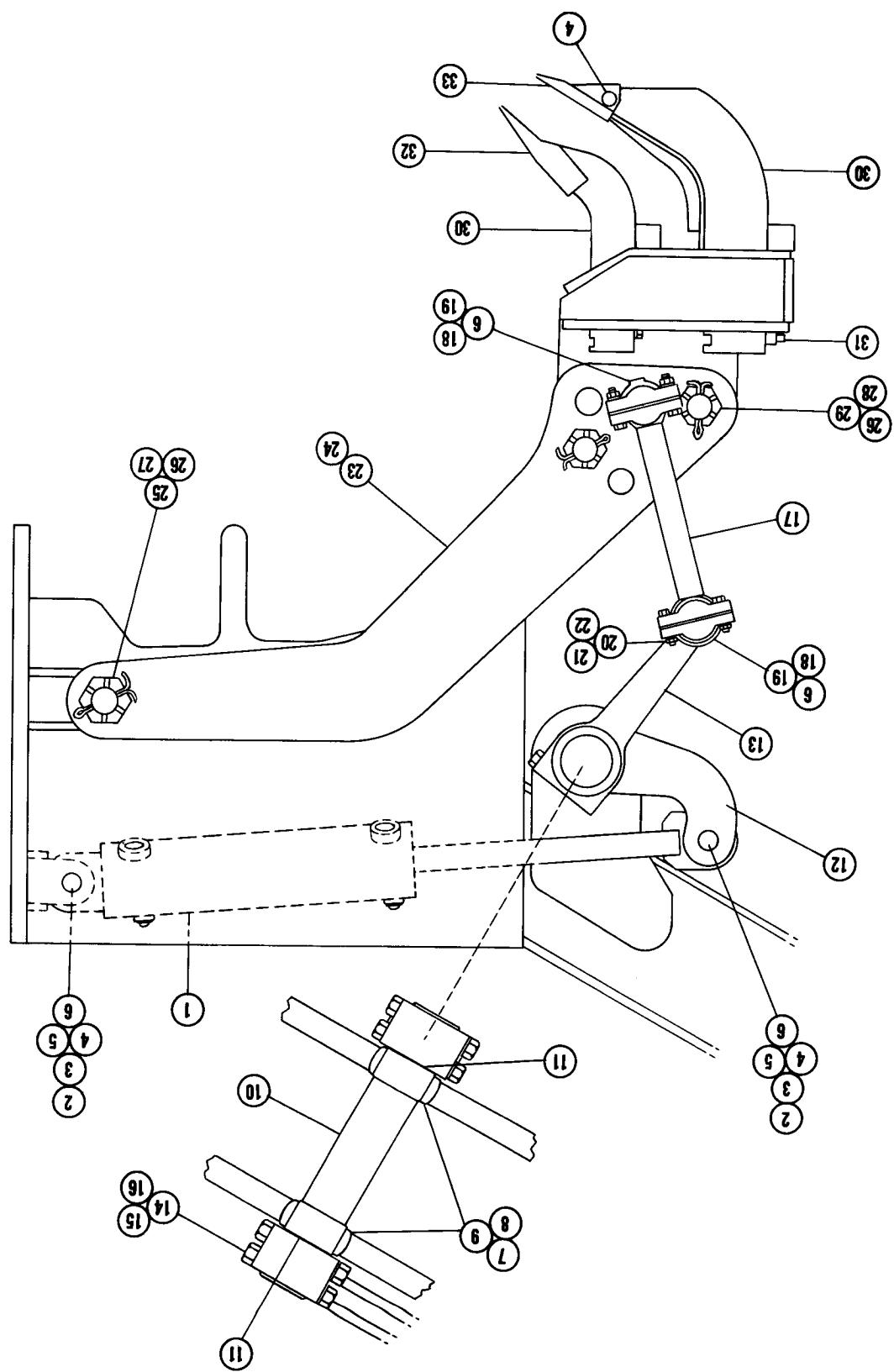


FIGURE 4495

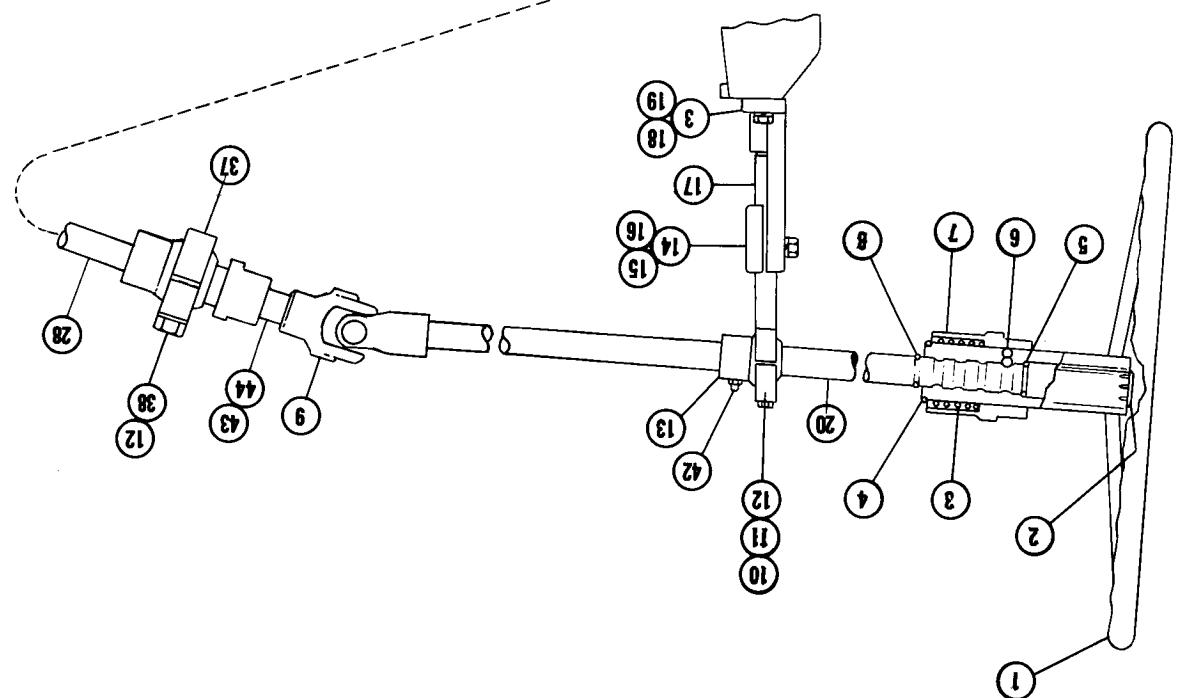
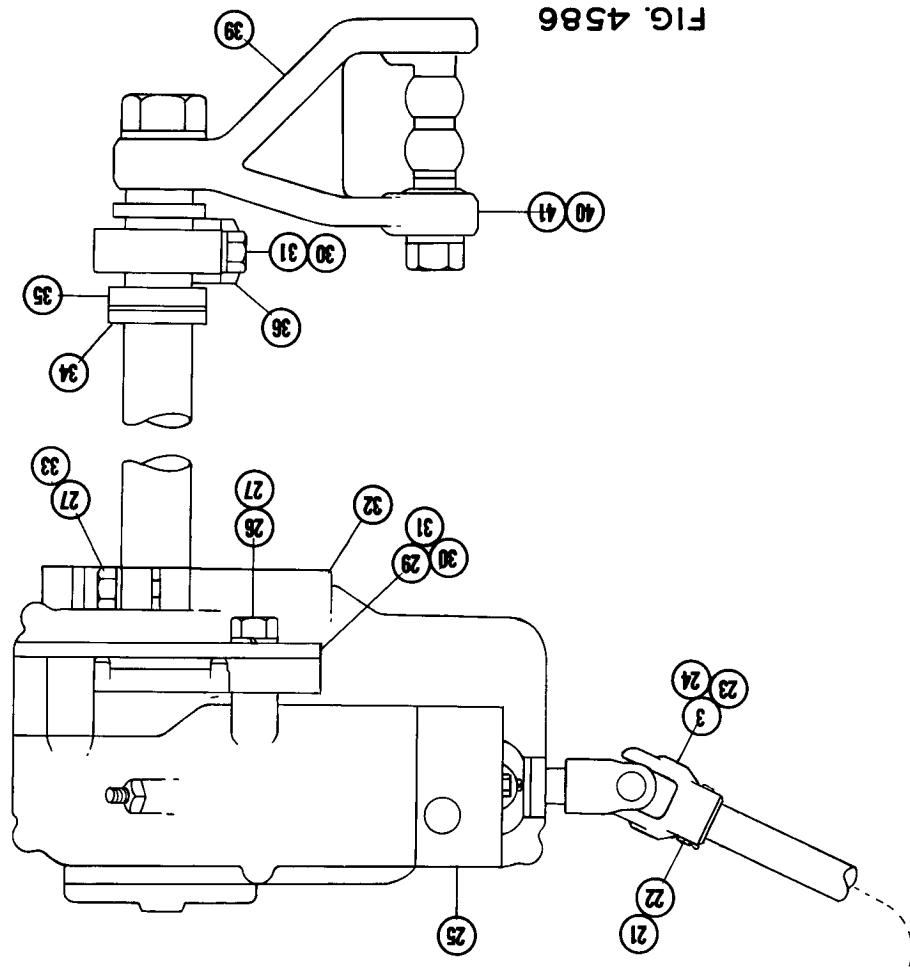
SCARIFIER MODEL # 30 & 31

Ref. No.	Part No.	Qty.	Description
1	FA1501	1	CYLINDER, HYDRAULIC (SEE INDEX)
	VR2331	1	CYLINDER, HYDRAULIC (SEE INDEX)
2	TH7095	2	BUSHING
3	VR0805	2	PIN, ANCHOR
4	C1602	2	CAPSCREW - 3/8" - 16NC X 1"
5	VM1405	2	LOCKWASHER - 3/8"
6	C0315	6	FITTING, GREASE
7	VP4512	2	BEARING
8	VP0366	2	EXTENSION, LUBE
9	R6366	2	FITTING, GREASE
10	VP4375	1	SHAFT, LIFT
11	VP4515	2	COLLAR
12	VR2285	1	CRANK, BELL (1)
	VR2288	1	CRANK, BELL (2)
13	VP4376	1	ARM, LIFT (1)
	VP4374	1	ARM, LIFT (2)
14	SR7329	4	CAPSCREW - 7/8" - 9NC X 8" (1)
	KP0731	4	BOLT, SPECIAL (2)
15	C1529	4	NUT, HEX - 7/8" - 9NC
15	VM1409	4	LOCKWASHER - 7/8"
17	VR2292	2	LINK
18	726859	4	SHIM
19	726871	4	CAP, BEARING
20	C1648	8	CAPSCREW - 3/4" - 10NC X 3"
21	C1527	8	NUT, HEX - 3/4" - 10NC
22	VM1408	8	LOCKWASHER - 3/4"
23	VR2629	1	DRAWBAR - R.H. (1)
	VP4391	1	DRAWBAR - R.H. (2)
24	VR2630	1	DRAWBAR - L.H. (1)
	VP4392	1	DRAWBAR - L.H. (2)
25	VP4514	1	PIN, PIVOT
26	C1558	6	PIN, COTTER - 3/8" X 3 1/2"
27	VM1484	2	NUT, HEX SLOTTED
28	VP4517	4	CAPSCREW - 2"NF X 4 1/2" (1)
	VP4516	4	CAPSCREW - 2"NF X 4 1/4" (2)
29	5P1258	4	NUT, HEX SLOTTED
30	VR0865	1	BLOCK (1)
	VR0867	1	BLOCK (2)
31	152508	9	WEDGE, LOCK (1)
	429567	11	WEDGE, LOCK (2)
32	120747	9	SHANK (1)
	120745	11	SHANK (2)
33	120748	9	POINT (1)
	120746	11	POINT (2)

NOTE: (1) EFFECTIVE WITH MODEL 31 (9 TOOTH).
(2) EFFECTIVE WITH MODEL 30 (11 TOOTH).

STEERING GEAR & CONTROLS

FIG. 4586



Ref.	Part No.	Qty.	Description
1	VR1281	1	WHEEL, STEERING
2	VP3316	1	BUTTON, PLUG
3	VP3311	1	SPRING
4	VL9095	1	RING, RETAINING
5	VP3315	1	RING, RETAINING
6	725150	2	BALL
7	VP3310	1	SLEEVE
8	TDD0646	1	RETAINING RING
9	425749	1	U-JOINT
10	350613	2	CAP, BEARING
11	3521	3	NUT - 3/8 - 16NC
12	VM1405	7	LOCKWASHER - 3/8"
13	661658	2	BEARING
14	662842	1	CAP, CLAMP
15	CI1629	1	CAPSCREW - 5/8 - 16NC X 1 3/4"
16	SR9581	1	LOCKWASHER - 5/8"
17	729160	2	ROD
18	VP5039	1	POST, STEERING
19	VM1478	2	CAPSCREW - 3/8" - 16NC X 1 1/8"
20	VP4187	1	SHAFT, STEERING
21	VP3827	1	PIN, DRILLED
22	VM1496	1	PIN, COTTER
23	VP2397	1	U-JOINT
24	CI1605	1	CAPSCREW - 3/8" - 16NC X 1 3/4"
25	VP4190	1	GEAR, STEERING (SEE INDEX)
26	CI1649	4	CAPSCREW - 3/4" - 16NC X 3 1/4"
27	VM1408	6	LOCKWASHER - 3/4"
28	VP4191	1	SHAFT, STEERING
29	VR2307	1	PLATE
30	CI1634	3	CAPSCREW - 5/8" - 16NC X 3"
31	SR9581	3	LOCKWASHER - 5/8"
32	VP1901	1	NUT - 5/8" - 16NC
33	CI1646	2	CLAMP
34	VP1902	1	SEAL
35	VP1904	1	BUSHING
36	761000	1	CAP, BEARING
37	VP4186	1	CAP, BEARING
38	CI1606	2	CAPSCREW - 3/8" - 16NC X 2"
39	VP2434	1	ARM, STEERING
40	VP6511	2	CAP, STEERING ARM
41	H3063	4	CAPSCREW, DRILLED HEAD
42	CG0315	2	FITTING, GREASE
43	DP0621	2	PIN, DRILLED
44	VM1496	2	PIN, COTTER
NS	VP4184	1	SPACER

STEERING GEAR-ROSS

FIG. 4589

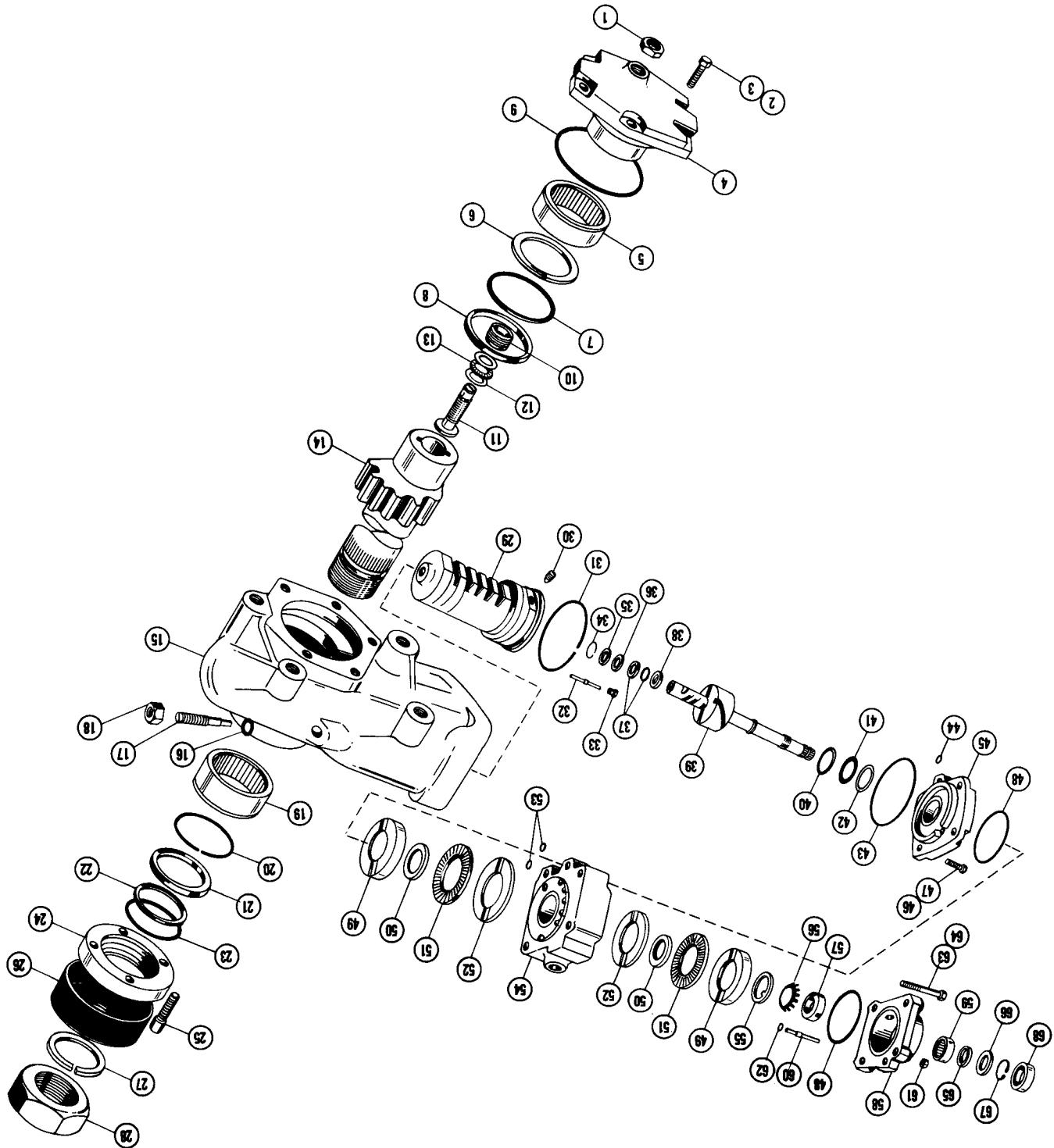


FIGURE 4589

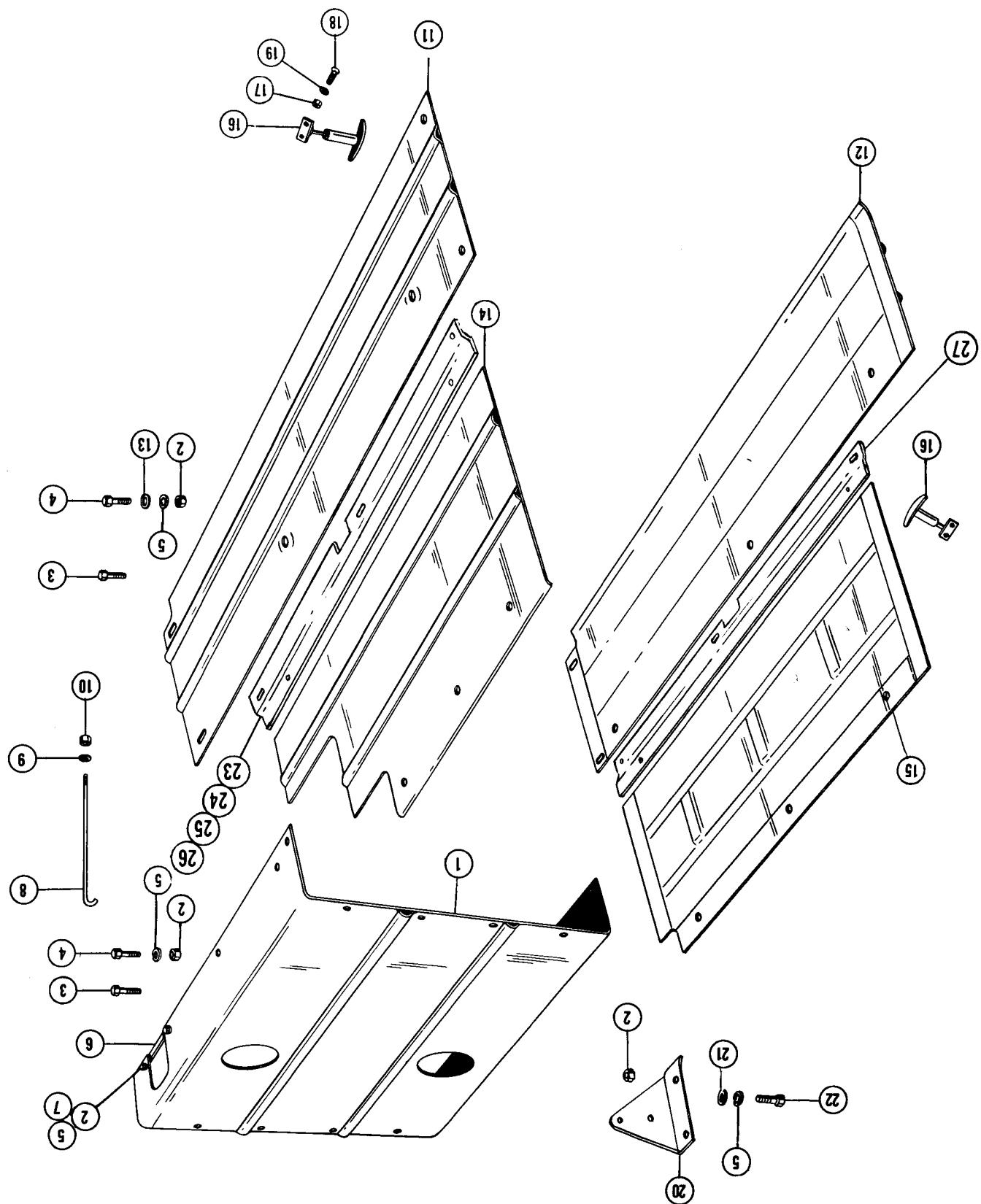
STEERING GEAR VP4190

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	472734	1	NUT, LOCK	34	VP0408	1	RING, SNAP
2	C1608	6	CAPSCREW - 7/16" - 14NC x 1"	35	VP0420	1	RETAINER
3	VP0376	6	WASHER, PLAIN	36	VP0373	1	WASHER, BRONZE
	VP0418	1	COVER ASSEMBLY, SIDE	37	VP0396	1	SEAL ASSEMBLY
4	VP0417	1	COVER, SIDE	38	VP0378	1	WASHER, STEEL
5	VP0403	1	BEARING, ROLLER	39	VP0468	1	SHAFT, INPUT WORM & FOLLER
6	VP0377	1	RING, BACK-UP			1	BALL-NUT ASSEMBLY (1)
7	VP0389	1	WASHER, BACK-UP			1	NUT - L.H. (1)
8	VP0391	1	SEAL ASSEMBLY - SHAFT			14	BALL (1)
NS	VS1967	1	RING, SNAP			14	BALL (1)
NS	VS1966	1	PLUG, RUBBER			2	GUIDE (1)
9	VP0388	1	SEAL (Side Cover to Housing)	40	VP0410	1	ADAPTER ASSEMBLY
	V31964	1	GEAR SHAFT & SIDE COVER	40	VP0406	1	RING RETAINING
10	VP0399	1	RETAINER	41	VP0394	1	SEAL
11	VP0369	1	SCREW, ADJUSTING	42	VP0395	1	WASHER, BACK-UP
NS	VS1965	1	INSERT	43	VP0386	1	RING, SEAL (ADAPTER TO HOUSING)
12	VP0380	2	WASHER, THRUST	44	VP0384	1	"O" RING
13	VP0379	1	BEARING, THRUST	45		1	ADAPTER, HYDRAULIC CONTROL
14		1	SHAFT (1)	46	C1614	4	VALVE (1)
15	VP0415	1	HOUSING ASSEMBLY	47	C1549	4	CAPSCREW-1/2"-13NC x 1 1/2"
16	VP0382	1	"O" RING	48	VP0385	2	WASHER - 1/2"
17	VP0368	1	SCREW, ADJUSTING	49	VP0371	2	"O" RING
18	TG3941	1	NUT, HEX JAM - 7/16"-20NF	50	VP0372	2	WASHER, THRUST
19	VP0403	1	BEARING, ROLLER	51	VP0402	2	WASHER, SPACER
20	VP0405	1	RING, RETAINING	52	VP0370	2	BEARING, THRUST
	VP0411	1	CARRIER, TRUNNION SEAL	53	VP0384	2	WASHER, THRUST
21	VP0391	1	SEAL ASSEMBLY, SHAFT	54	VP0419	1	"O" RINGS
	VP0393	1	RING, SEAL	55	475300	1	VALVE, HYDRAULIC CONTROL
22	VP0389	1	WASHER, BACK-UP	56	VP0374	1	LOCKWASHER
23	VP0387	1	SEAL (TRUNNION CARRIER TO HOUSING)	57	VP0414	1	WASHER, TONGUED
24		1	ADAPTER, SEAL RETAINER (1)	58	VP0467	1	NUT, LOCK
25	VN6737	4	CAPSCREW, SOCKET HEAD - 5/16" - 18NC x 1"	59	VP0401	1	COVER & BEARING ASSEMBLY
				60	VP0367	1	BEARING, NEEDLE
26	VP0397	1	SEAL, DUST	61	SF4358	1	SCREW, ADJUSTING
27	VM1413	1	LOCKWASHER - 1 1/2"	62	VP0382	1	NUT, JAM 5/16" - 24NF
28	C8671	1	NUT, HEX - 1 1/2" NF	63	C8558	4	"O" RING
29	VP0466	1	RACK, PISTON	64	VP0375	4	CAPSCREW-3/8"-16NC x 3 1/4"
30	VP0404	1	SCREW, LOCKING	65	VP0392	1	LOCKWASHER
31	VP0413	1	RING, PISTON	66	VP0381	1	SEAL
32	VP0398	1	POPPET	67	VP0407	1	SPACER
33	VP0412	1	SEAT, POPPET	68	VP0409	1	RING, RETAINING
							SEAL, DIRT

NOTE: (1) NOT SERVICED SEPARATELY

HOOD TOP, UPPER & LOWER HOOD SIDES

FIG. 5630



Ref.	Part No.	Qty.	Description
1	VR2326	1	HOOD (G.M.) (1)/(2)
2	VR2334	1	HOOD (G.M.) (3)/(4)
3	VR2332	1	HOOD (G.M.) (1)/(2)
4	VR2349	1	HOOD (G.M.) (3)/(4)
5	VM1405	24	LOCKWASHER - 3/8"
6	722959	1	BAR (1)/(2)
7	VM1478	2	CAPSCREW - 3/8" - 16NC X 1 1/8"
8	729772	1	BAR (3)/(4)
9	726220	1	BOLT, HOOK (1)/(2)
10	720552	2	NUT, LOCK
11	VR2632	1	SIDE, LOWER - R.H. (G.M.) (1)/(2)
12	VR2338	1	SIDE, LOWER - L.H. (G.M.) (1)/(2)
13	923103	4	FLATWASHER - 3/8"
14	VR2339	1	DOOR, UPPER - R.H. (G.M.) (4)
15	VR2340	1	DOOR, UPPER - L.H. (G.M.) (4)
16	728674	4	FASTENER, HOOD
17	922503	8	NUT - 10-24NC
18	922721	8	SCREW, 10 - 24NC X 1/2"
19	92306	8	SUPPORT, 10 - 24NC X 1/2"
20	VR1774	1	SUPPORT - R.H. - (G.M.) (3)/(4)
21	VR1775	1	SUPPORT - L.H. - (G.M.) (3)/(4)
22	VM1422	2	FLATWASHER - 3/8"
23	VP6538	1	BOLT, FORM - R.H. (G.M.) (1)/(3)/(4)
24	VP6540	1	BOLT, FORM - L.H. (G.M.) (1)/(3)/(4)
25	VM1405	2	LOCKWASHER - 3/8"
26	VP6539	1	PLATE, FORM - L.H. (G.MINS) (1)/(3)/(4)
27	VP6541	1	PLATE, FORM - L.H. (G.MINS) (1)/(3)/(4)
			(6) EFFECTIVE WITH 777B - PRIOR TO SERIAL NUMBER 3931.
			(5) EFFECTIVE WITH 777B - SERIAL NUMBER 3931 AND LATER.
			(4) EFFECTIVE WITH 777B.
			(3) EFFECTIVE WITH 777B.
			(2) EFFECTIVE WITH 666BT.
			NOTE: (1) EFFECTIVE WITH 666B.

HOOD TOP - UPPER & LOWER SIDES

FIGURE 5630

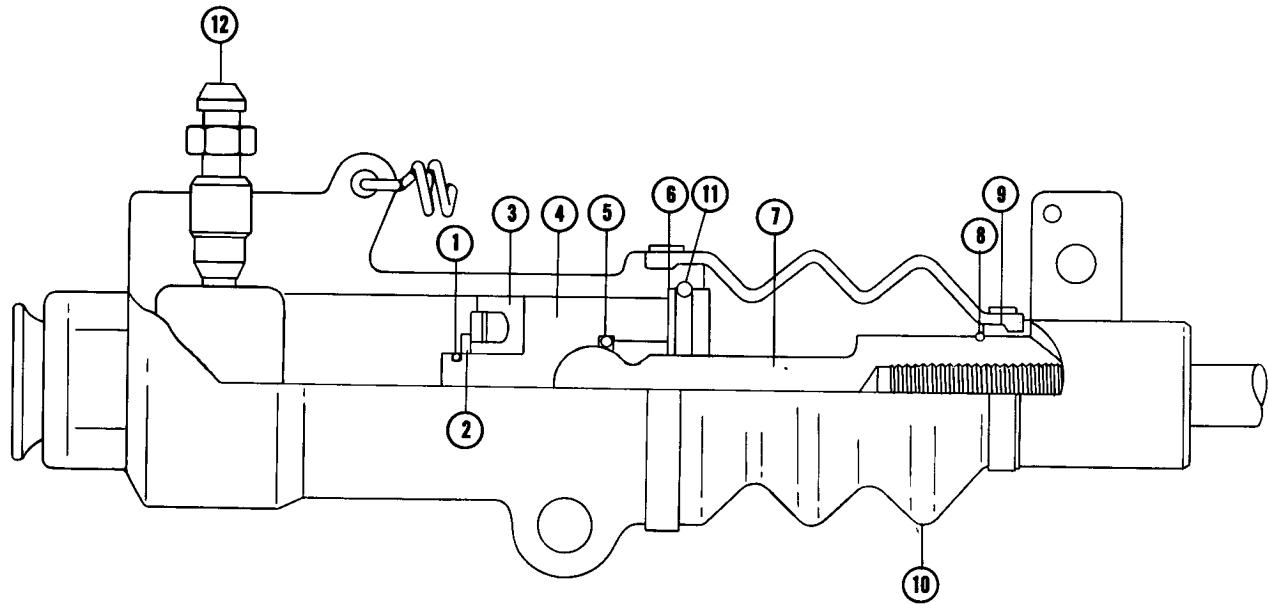


FIG. 563I A
CYLINDER-CLUTCH

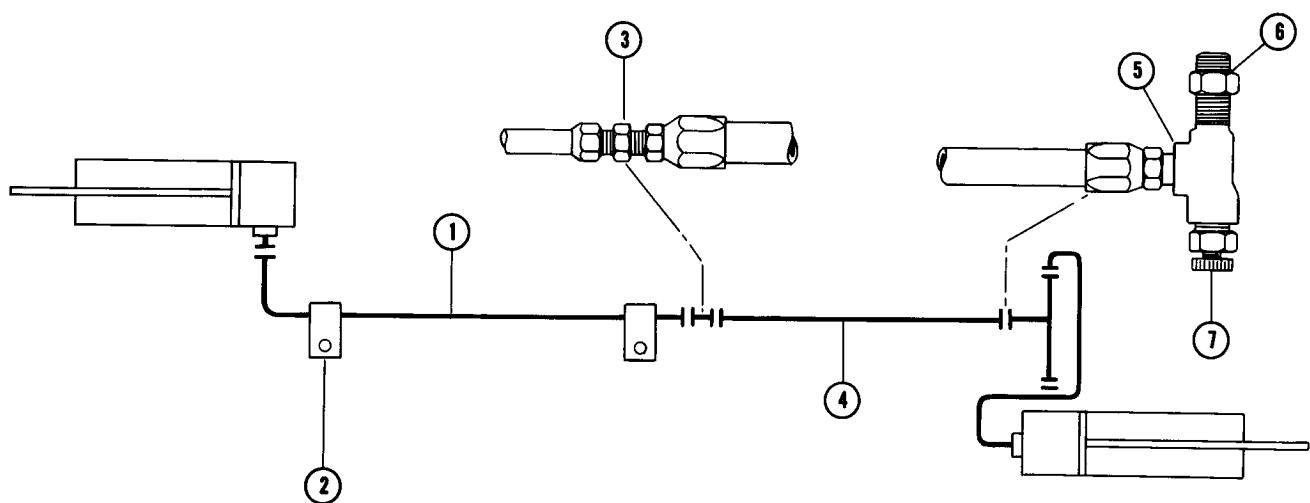


FIG. 563I B
MANUAL CLUTCH, HOSES & CONNECTIONS

1	407562	1	TUBE ASSY	
2	720462	2	CLAMP	
3	423139	1	FITTING, UNION	
4	423138	1	HOSE	
5	VP5611	1	TEE	
6	HD1007	1	BUSHING	
7	621047	1	VENT, AIR	

FIGURE 5631B MANUAL CLUTCH - HOSES AND CONNECTIONS

Ref.	Part No.	Qty.	Description	
1	V51904	1	PISTON & ROD ASSY	
2		1	SPACER, PISTON CUP (1)	
3		1	CUP, PISTON (1)	
4		1	PISTON (1)	
5		1	RING, SNAP (1)	
6		1	RETAINER, PISTON (1)	
7	V51905	1	ROD & RING ASSY	
8		1	SNAP RING, BOOT RING (1)	
9		1	RING, BOOT (1)	
10	V51906	1	BOOT	
11	V51907	1	SNAP RING, RETAINER	
12	472892	1	SCREW, BLEEDER	
			NOTE: (1) NOT SERVICED SEPARATELY.	

FIGURE 5631A CYLINDER, CLUTCH VP4929 (POWER ASSIST)

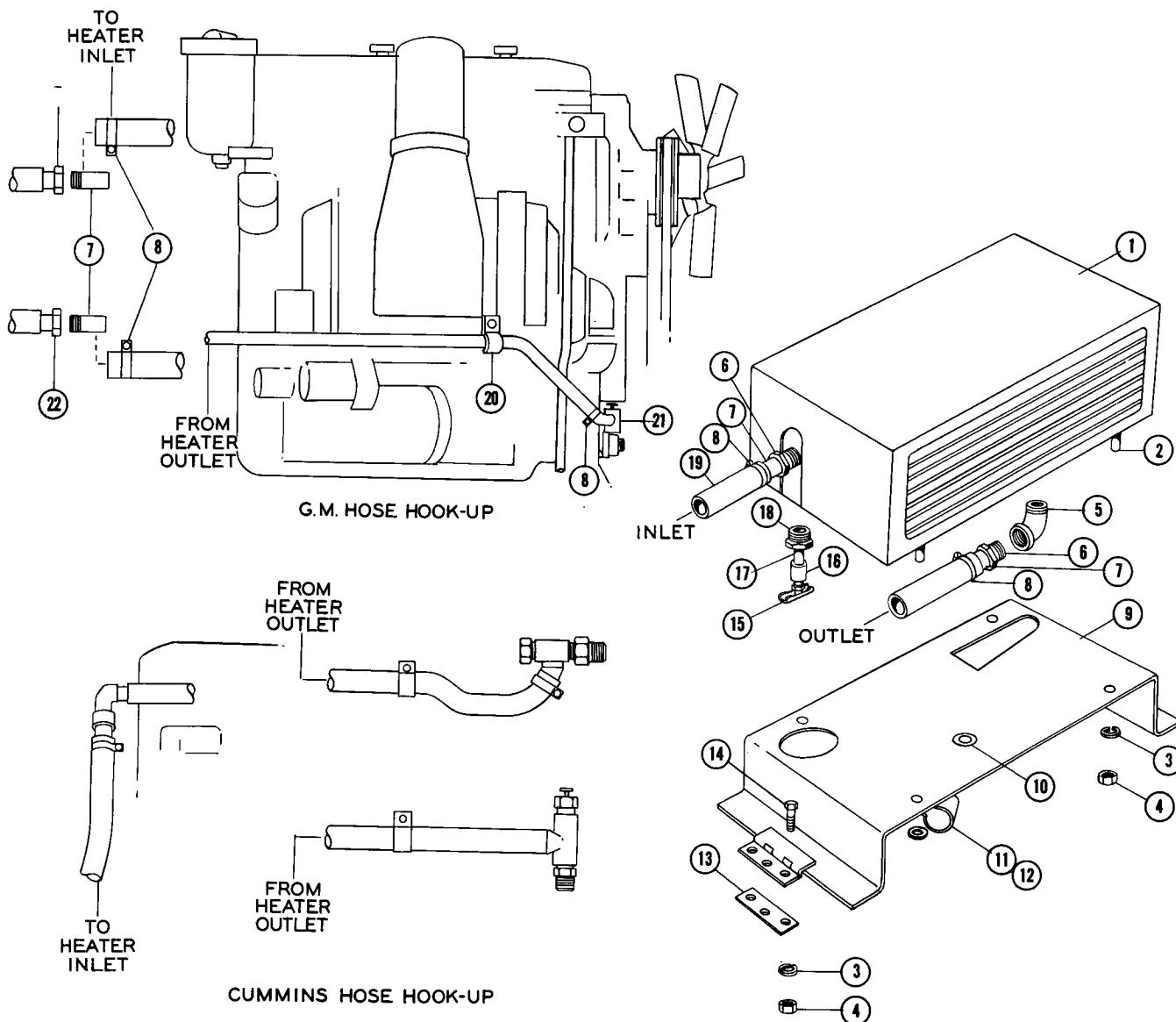
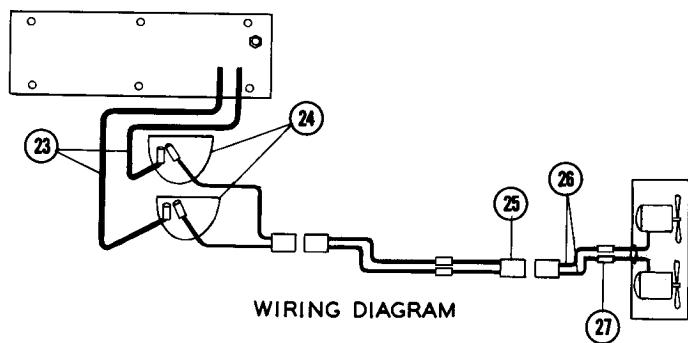


FIG. 456I

HEATER-CAB

Ref.	Part No.	Qty.	Description
1	408300	1	HEATER
2	921422	4	BOLT, CARRIAGE - 1/4 X 3/4
3	920759	9	LOCKWASHER - 1/4"
4	921505	9	NUT - 1/4"
5	426546	2	ELBOW, STREET
6	723596	4	BUSHING
7	427797	3	NIPPLE
8	428297	4	CLAMP, HOSE
9	409117	1	BRACKET
10	424868	1	GROMMET
11	427258	1	CLAMP
12	TR1307	1	WASHER - 1/4"
13	121166	1	SHIM
14	TR1306	5	CAPScrew - 1/4" - 20NC X 1"
15	429668	1	COCK, DRAIN
16	721926	1	COUPLING
17	5P1586	1	NIPPLE
18	725446	1	BUSHING
19	121186	1	HOSE
20	722919	1	CLAMP
21	427781	1	VALVE
22	424297	1	BUSHING
23	VP5362	2	CABLE
24	VP0009	2	SWITCH
25	VP2569	1	LOOM
26	121055	2	CABLE
27	428711	2	SLEEVE

NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS THRU 15323, ALSO

NUMBERS 15339, 15357, 15375, 15378 AND 15381. 666BT
SERIAL NUMBERS THRU 6641. 777B SERIAL NUMBERS THRU

3918. 777BT SERIAL NUMBERS THRU 6889.

FIGURE 5632

HEATER - CAB

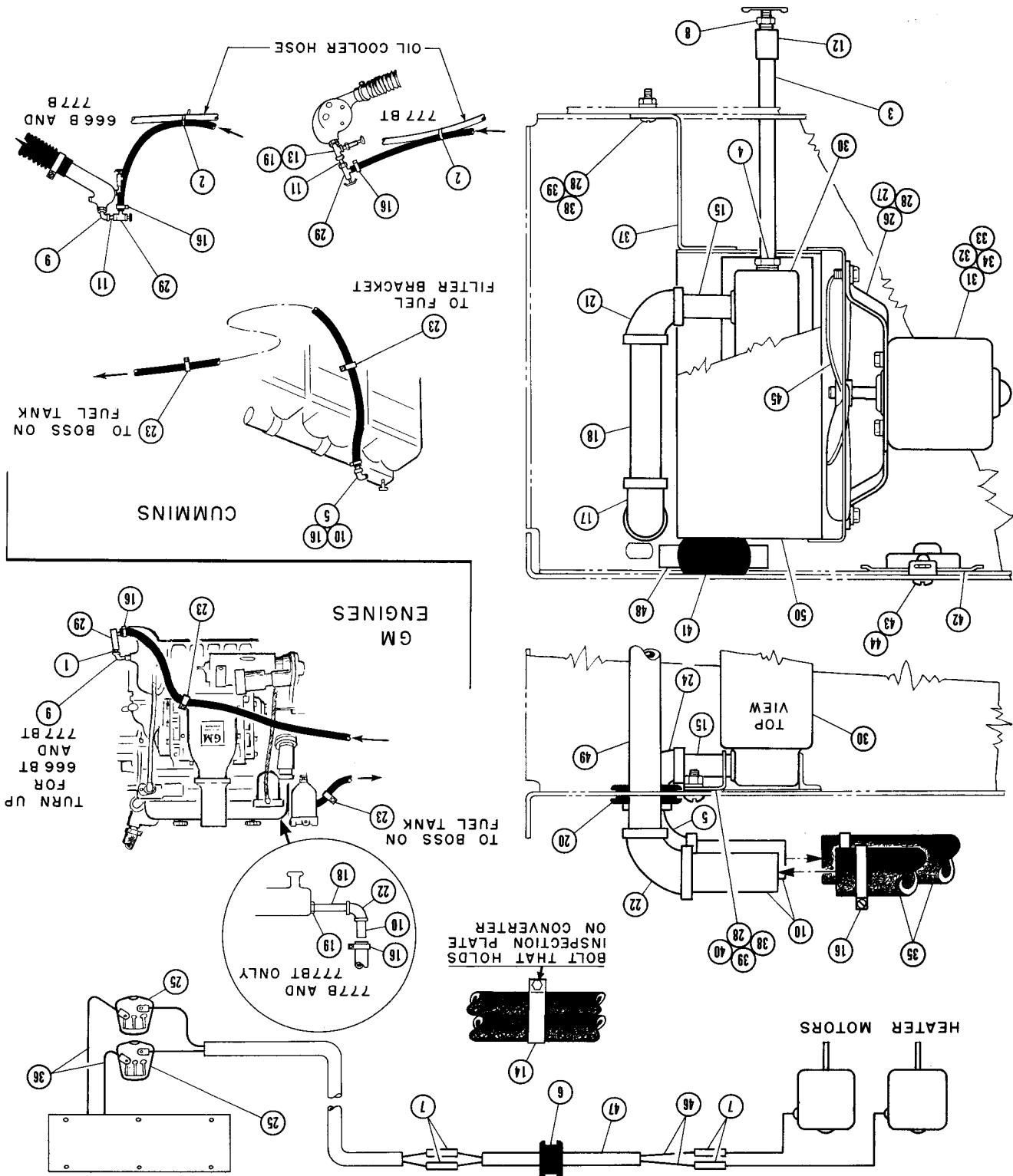


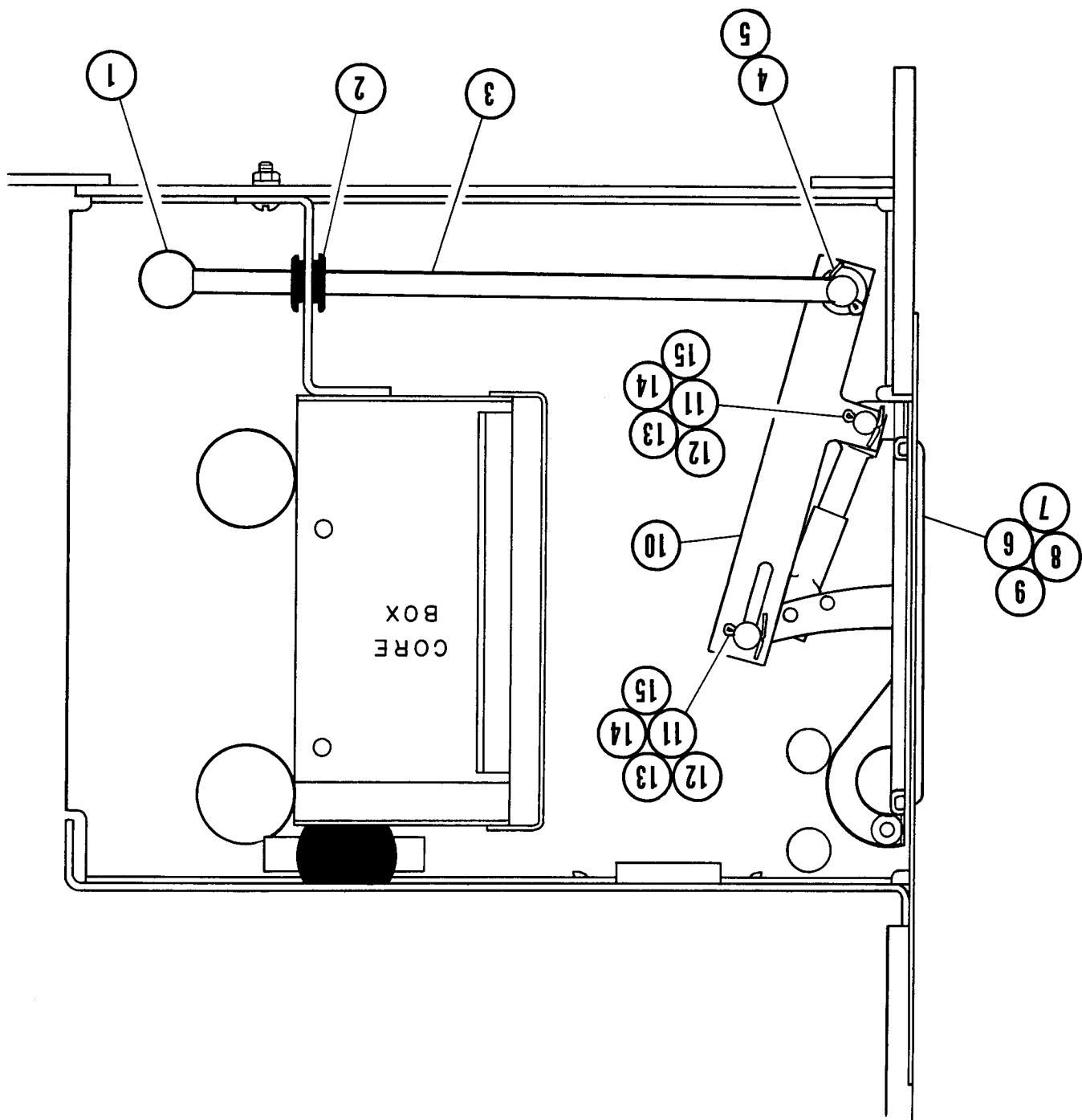
FIGURE 5632

HEATER - CAB (1) VR3385

Ref. No.	Part No.	Qty.	Description
1	121010	1	NIPPLE, PIPE
2	121033	1	TIE, NYLON
3	423564	1	NIPPLE, PIPE
4	426309	1	BUSHING, REDUCING
5	426546	2	ELBOW, STREET
6	428303	1	GROMMET
7	428711	2	CONNECTOR
8	429668	1	DRAIN
9	429673	1	ELBOW, STREET
10	720567	3	PIPE, T.O.E.
11	720861	1	NIPPLE
12	721926	1	COUPLING
13	721983	1	TEE, SERVICE
14	723783	2	CLAMP
15	H3375	2	NIPPLE
16	CD8419	4	CLAMP, HOSE
17	SC4970	1	ELBOW
18	SC4977	2	NIPPLE, PIPE
19	SF4094	2	BUSHING
20	SR2640	1	GROMMET
21	TF4913	1	ELBOW, REDUCING
22	TF7970	2	ELBOW, REDUCING
23	TR9441	2	CLAMP
24	VH3081	1	ELBOW, REDUCING
25	VP0010	2	SWITCH
26	VP4425	2	BRACKET, MOTOR
27	H8136	4	CAPSCREW - 1/4" - 20NC X 1/2"
28	VM1404	11	LOCKWASHER - 1/4"
29	VP4426	1	VALVE, SHUTOFF
30	VP4440	1	CORE, HEATER
31	VP4441	1	MOTOR
32	TG2271	4	WASHER, FLAT - #8
33	VM1401	4	LOCKWASHER - #8
34	TV2179	4	NUT - #8 - 32NC
35	VP4631	2	HOSE, HEATER
36	VP5362	2	CABLE
37	VP5625	1	CLOSURE
38	VM1469	7	FASTENER, SEMS - 1/4" - 20NC X 3/4"
39	TD1549	7	NUT - 1/4" - 20NC
40	VP5630	2	ANGLE, FORMED
41	VP5632	1	FILLER
42	VP6089	1	GRILLE
43	729623	2	CLIP
44	VP5358	2	STUD
45	VP6090	2	FAN
46	VP6117	2	CABLE
47	VP6118	1	LOOM
48	VP6119	1	TUBE
49	VP7061	1	PIPE
50	VR3041	1	BOX, CORE

HEATER VENT

FIGURE 5633



Ref.	No.	Part No.	Qty.	Description
1	425017	425017	1	BALL
2	428303	428303	1	GROMMET
3	VP6092	VP6092	1	FORMED ROD
4	C2303	C2303	1	PIN, COTTER - 1/8" X 1"
5	TR4436	TR4436	1	WASHER, FLAT - 3/8"
6	VP6091	VP6091	1	VENTILATOR
7	923407	923407	4	FASTENER, SEMS - 1/4" - 20NC X 1/2"
8	VM1404	VM1404	4	LOCKWASHER - 1/4"
9	TD1549	TD1549	4	NUT - 1/4" - 20NC
10	VP6093	VP6093	1	LEVER
11	VM1464	VM1464	2	SCREW, MACHINE - #10 - 24 X 5/8"
12	VC5344	VC5344	2	WASHER, FLAT - #10
13	VM1402	VM1402	2	LOCKWASHER - #10
14	DF0017	DF0017	2	NUT - #10 - 24
15	VP6241	VP6241	2	SPACER
NOTE: (1) EFFECTIVE WITH 666B - SERIAL NUMBER 15324 AND LATER, EXCEPT NUMBERS 15339, 15357, 15375, 15378 AND 15381. 666BT - SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.				

FUEL TANK & LINES

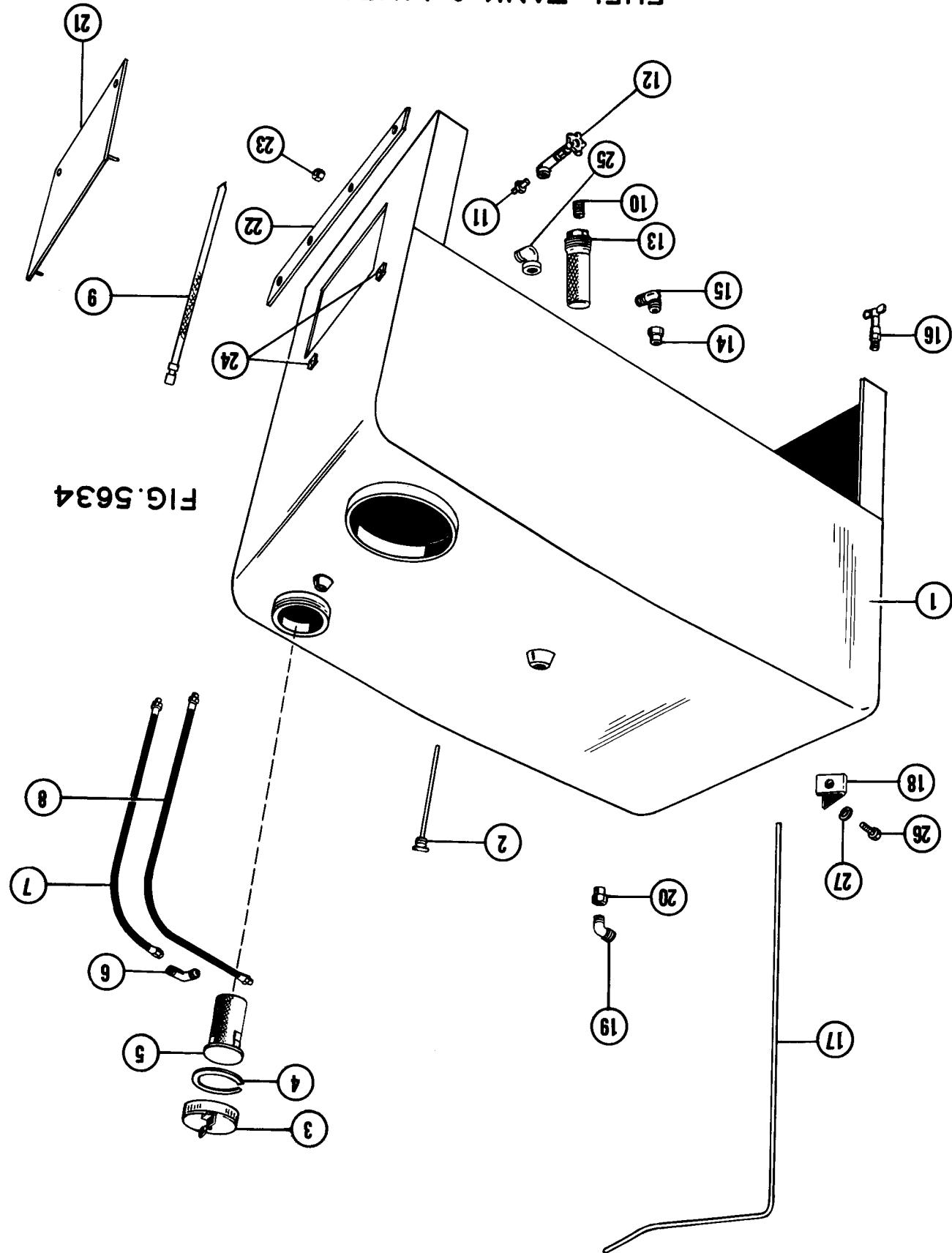


FIG. 5634

FIGURE 5634

FINAL TANK & LINES

Ref. No.	Part No.	Qty.	Description
1	VR0892	1	TANK, FUEL (1)
	VR0891	1	TANK, FUEL (2)
2	VP0076	1	STICK, DIP
3	474582	1	CAP, FUEL TANK
4	472992	1	GASKET
5	423432	1	STRAINER
6	DP1988	1	ELBOW (GM) (1)
7	409015	1	LINE, FLEXIBLE (CUM) (3)
	407664	1	LINE, FLEXIBLE (CUM (2)/(3))
	405706	1	LINE, FLEXIBLE (GM (1)/(2))
	407666	1	LINE, FLEXIBLE (CUMMINS (2))
8	405705	1	LINE, FLEXIBLE (G.M. (1)/(2))
9	728283	1	TIE, NYLON CABLE
10	423151	1	NIPPLE, PIPE
11	728386	1	ADAPTOR (CUMMINS (2)/(3)
	427060	1	UNION, HALF (GM) (1)/(2)
12	725791	1	VALVE
13	423308	1	STRAINER, LEAVER
14	423617	1	BUSHING, PIPE (GM) (1)/(2)
15	724078	1	ELBOW (GM) (1)/(2)
16	429746	1	COCK, DRAIN
17	723208	1	TUBE, OVERFLOW
18	720462	1	CLAMP
19	721609	1	ELBOW, COMPRESSION
20	723996	1	BUSHING, PIPE
21	406723	1	COVER, L.H.
	VR2297	1	COVER, R.H.
22	727691	2	BAR
23	722500	8	NUT, LOCK
24	725949	4	NUT, SPEED
25	423149	1	ELBOW, STREET
26	920019	1	CAPSCREW
27	920710	1	LOCKWASHER

NOTE: (1) EFFECTIVE WITH 666B-BT.
 (2) EFFECTIVE WITH 777B-BT.
 (3) EFFECTIVE WITH 666B.

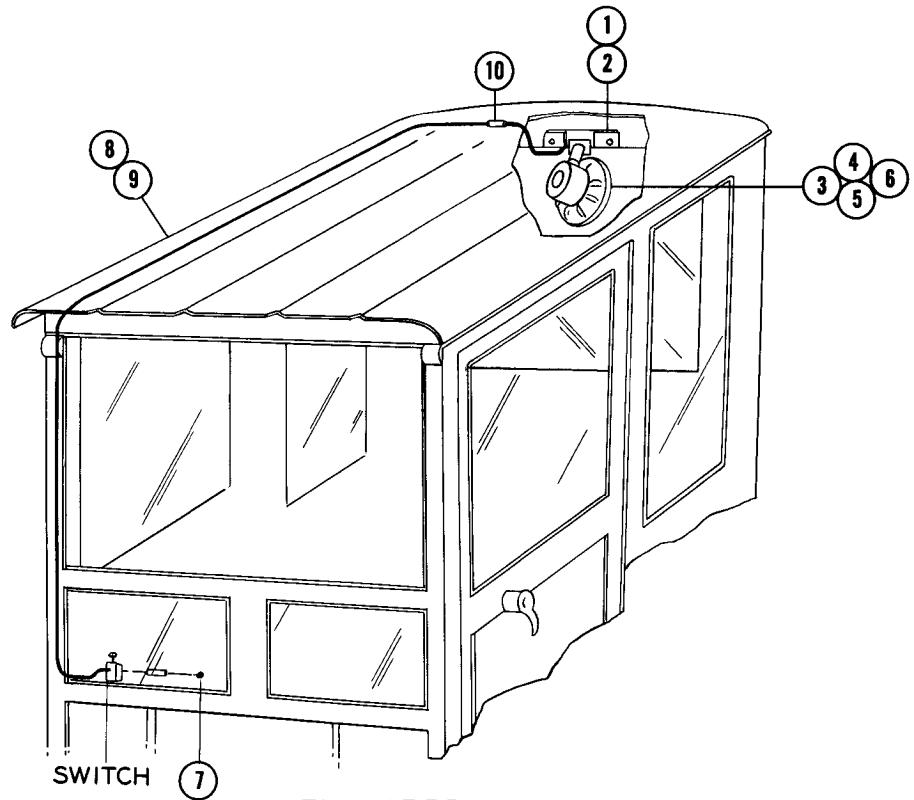


FIG. 4553 A

DEFROSTER FAN-REAR

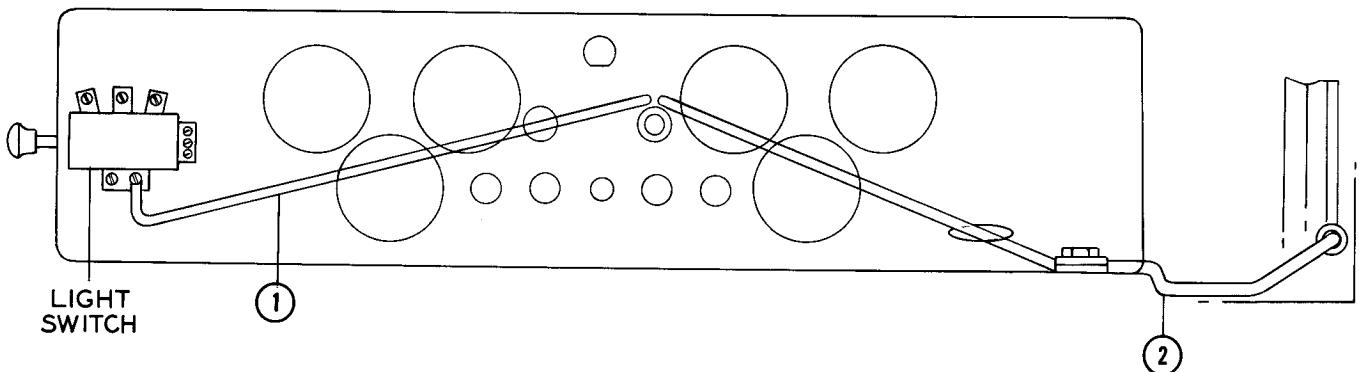
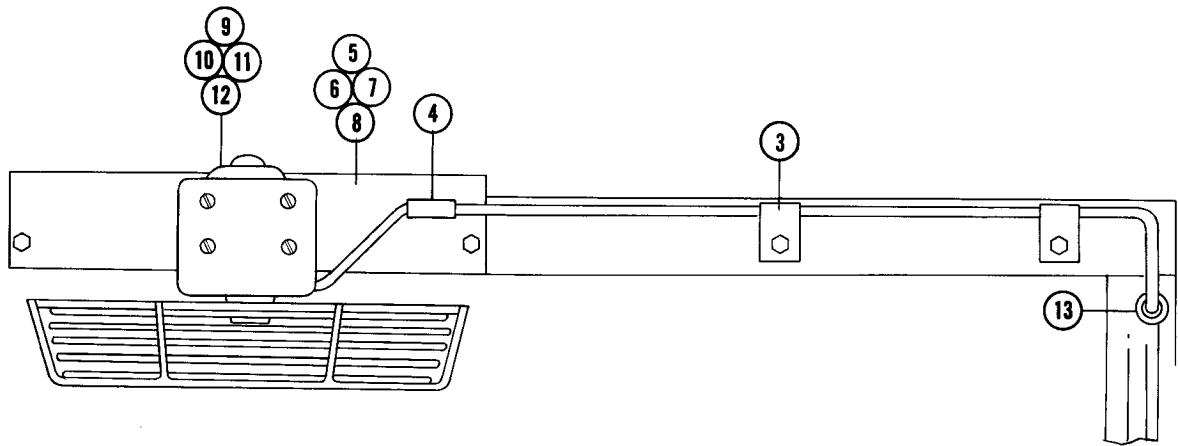


FIG. 4553 B

DEFROSTER FAN-FRONT

FIGURE 4553A

DEFROSTER FAN - REAR

VR3392

Ref. No.	Part No.	Qty.	Description
1	VR3407	1	BRACKET (1)
	407416	1	BRACKET (2)
2	VC3573	2	SCREW, CAP - 1/4" - 20NC X 1 1/4"
3	407417	1	FAN, DEFROSTER
4	VM1464	4	SCREW, MACHINE - #10 - 24NC X 5/8"
5	DF0017	4	NUT, HEX - #10 - 24NC
6	VM1402	4	WASHER, LOCK
7	VP5362	1	CABLE
8	VP1141	1	CABLE
9	4P2565	4	CLAMP
10	428711	1	SLEEVE
<p>NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS 15324 AND LATER, EXCEPT 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.</p> <p>(2) EFFECTIVE WITH SERIAL NUMBERS PRIOR TO NOTE 1.</p>			

FIGURE 4553B

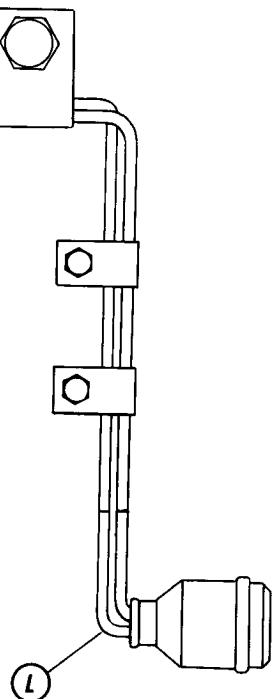
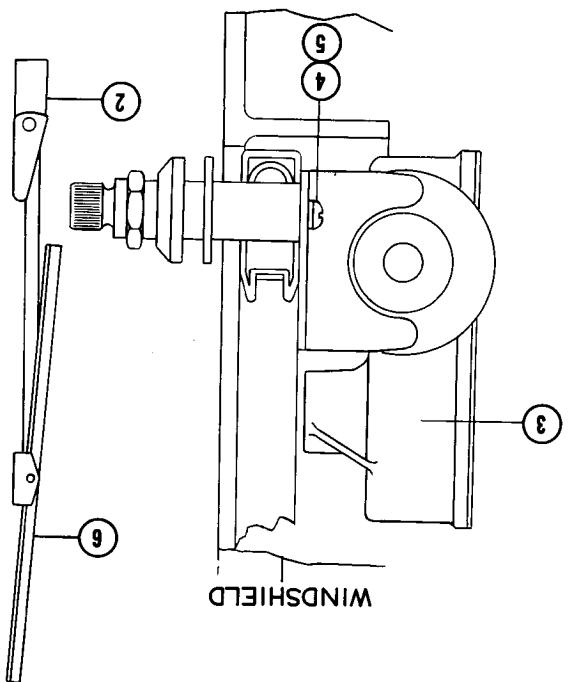
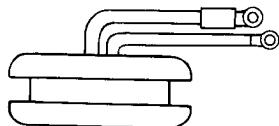
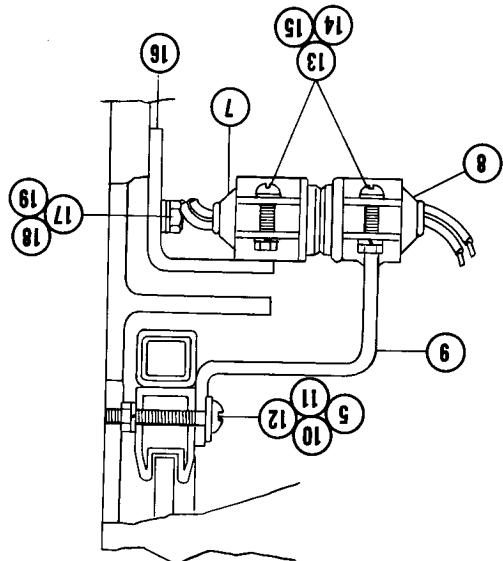
DEFROSTER FAN - FRONT

VR3391

1	729588	1	CABLE
2	VP5362	1	CABLE
3	VP2565	2	CLAMP
4	428711	1	SLEEVE
	VR3407	1	BRACKET (1)
	407416	1	BRACKET (2)
5	TD1549	2	NUT, HEX - 1/4" - 20NC
6	TR1306	2	SCREW, CAP - 1/4" - 20NC X 1"
7	VM1404	2	WASHER, LOCK - 1/4"
8	407417	1	FAN, DEFROSTER
9	VM1464	4	SCREW, MACHINE - #10-24NC X 5/8"
10	VM1402	8	WASHER, LOCK - #10
11	DF0017	4	NUT, HEX - #10
12	424868	2	GROMMET
<p>NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS 15324 AND LATER EXCEPT 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.</p> <p>(2) EFFECTIVE WITH SERIAL NUMBERS PRIOR TO NOTE 1.</p>			

WINDSHIELD WIPER-STANDARD

FIG. 5636



Ref.	No.	Part No.	Qty.	Description
1	423336	4	CLAMP	
2	473648	1	ARM, WIPER	
3	VPO014	1	MOTOR, WIPER	
4	TL7470	2	SCREW, MACHINE - #10 - 24NC X 1 1/8"	
5	VM1402	3	WASHER, LOCK - #10	
6	729595	1	BLADE, WIPER	
7	VR2836	1	CABLE	
8	VR0028	1	CABLE	
9	VR1621	1	BRACKET	
10	F0042	2	SCREW, MACHINE - #10NC - 24 X 1"	
11	DFO017	2	NUT, HEX - #10 - 24NC	
12	DF3445	2	WASHER, FLAT - #10	
13	TF6246	2	SCREW, MACHINE - #8 - 32NC X 5/8"	
14	TV2179	2	NUT, HEX - #8 - 32NC	
15	VM1401	2	WASHER, LOCK - #8	
16	VR1620	1	BRACKET	
17	SH7597	2	SCREW, CAP - 1/4" - 20NC X 1/2"	
18	TR1307	2	WASHER, FLAT - 1/4"	
19	VM1404	2	WASHER, LOCK - 1/4"	
NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS THRU 15323. ALSO NUMBERS 15339, 15357, 15357, 15378, 15381. 666BT SERIAL NUMBERS THRU 6641. 777B SERIAL NUMBERS THRU 3918. 777BT SERIAL NUMBERS THRU 6889.				

FIGURE 566 WINDSHEILD WIPER - STANDARD (1)

WINDSHIELD WIPER - FRONT

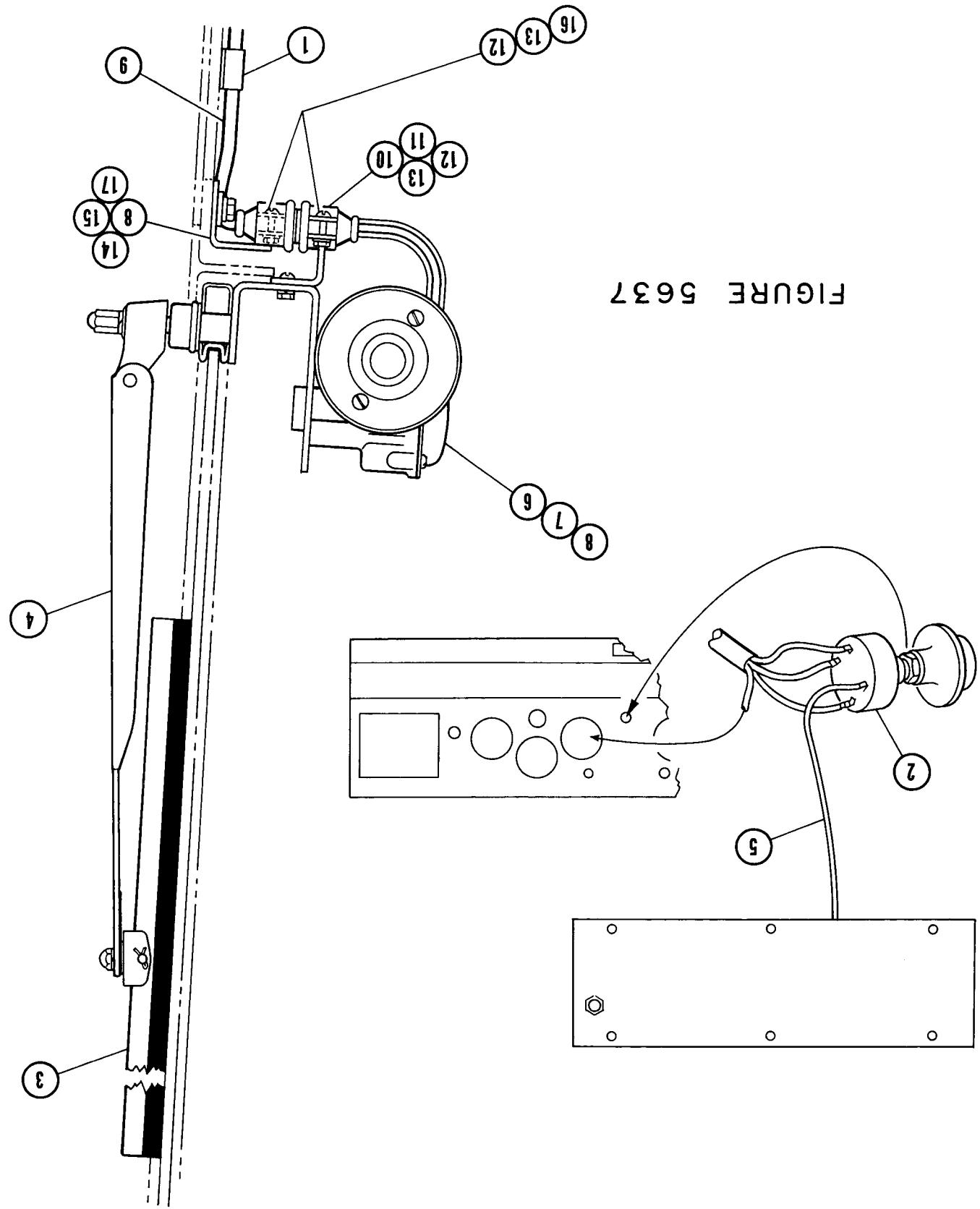


FIGURE 5637

WINDSHIELD WIPER - FRONT (2 SPEED) (1) VR2829

Ref. No.	Part No.	Qty.	Description
1	424243	3	CLAMP
2	VP0017	1	SWITCH
3	VP0054	1	BLADE
4	VP0055	1	ARM
5	VP5363	1	CABLE
6	VR0020	1	MOTOR
7	VM1466	3	SCREW, CAP - 1/4" - 28 X 7/8"
8	VM1404	5	LOCKWASHER - 1/4"
9	VR0021	1	HARNESS
10	VR1612	1	CLAMP
11	VC9144	2	SCREW, MACHINE - #8 - 32NC X 1/2"
12	VM1401	4	LOCKWASHER - #8
13	TV2179	4	NUT, HEX - #8
14	VR2656	1	BRACKET
15	SH7597	2	SCREW, CAP - 1/4" - 20NC X 1/2"
16	TF6246	2	SCREW, MACHINE - #8 - 32 X 5/8"
17	C1546	2	WASHER, FLAT - 1/4"
NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS THRU 15323. ALSO NUMBERS 15339, 15357, 15375, 15378, 15381. 666BT SERIAL NUMBERS THRU 6641. 777B SERIAL NUMBERS THRU 3918. 777BT SERIAL NUMBERS THRU 6889.			

WINDSHIELD WIPER - FRONT

FIG. 5638

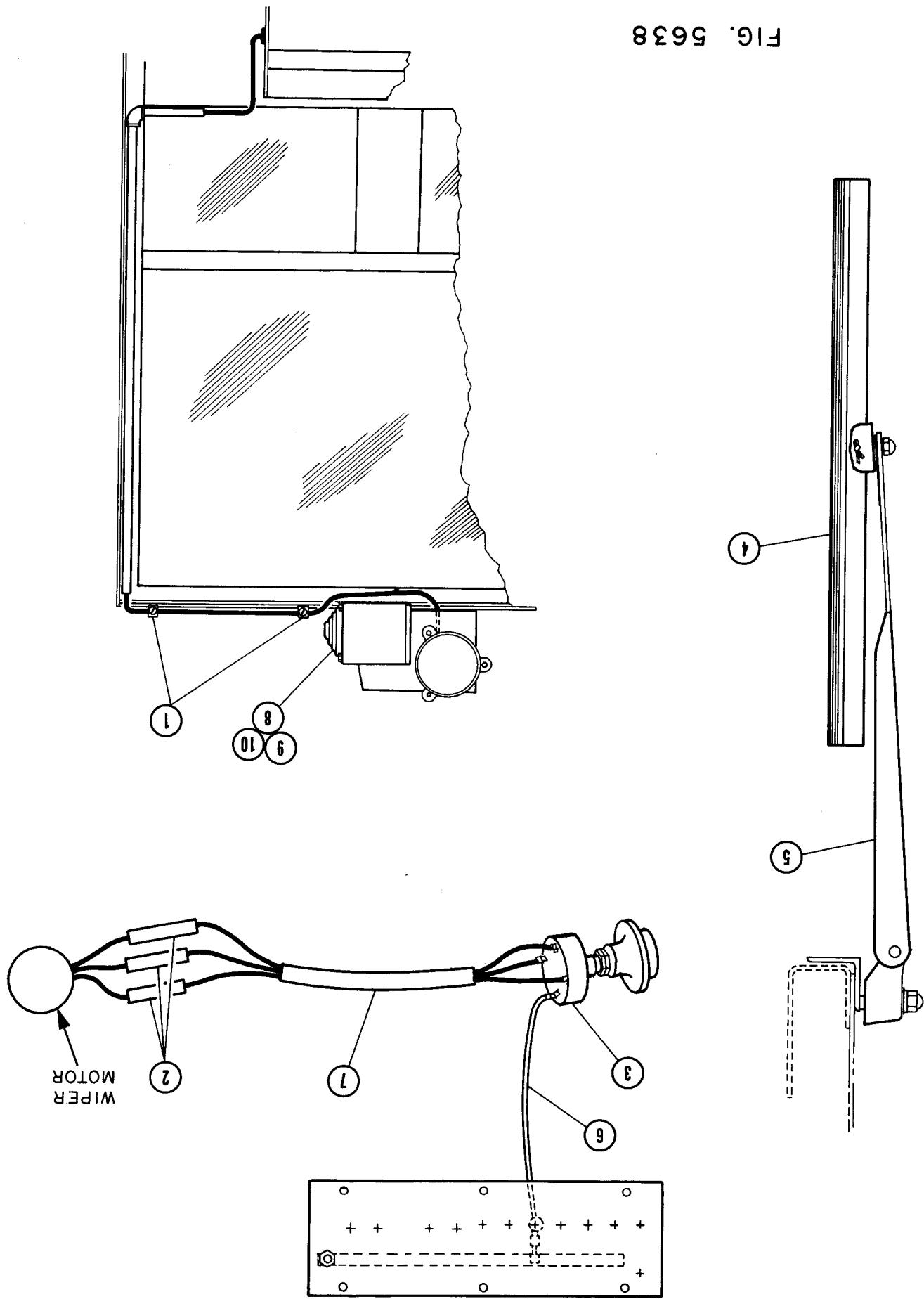


FIGURE 5638

WINDSHIELD WIPER - FRONT (2 SPEED) (1) (VR3396)

Ref. No.	Part No.	Qty.	Description
1	424243	2	CLAMP
2	428711	3	CONNECTOR
3	VP0017	1	SWITCH
4	VP0054	1	BLADE
5	VP0055	1	ARM
6	VP5363	1	CABLE
7	VP6247	1	HARNESS
8	VR3417	1	MOTOR
9	920252	3	SCREW, CAP - 1/4" - 28NF X 1/2"
10	VM1404	3	LOCKWASHER - 1/4"
NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBER 15324 AND LATER EXCEPT 15339, 15357, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.			

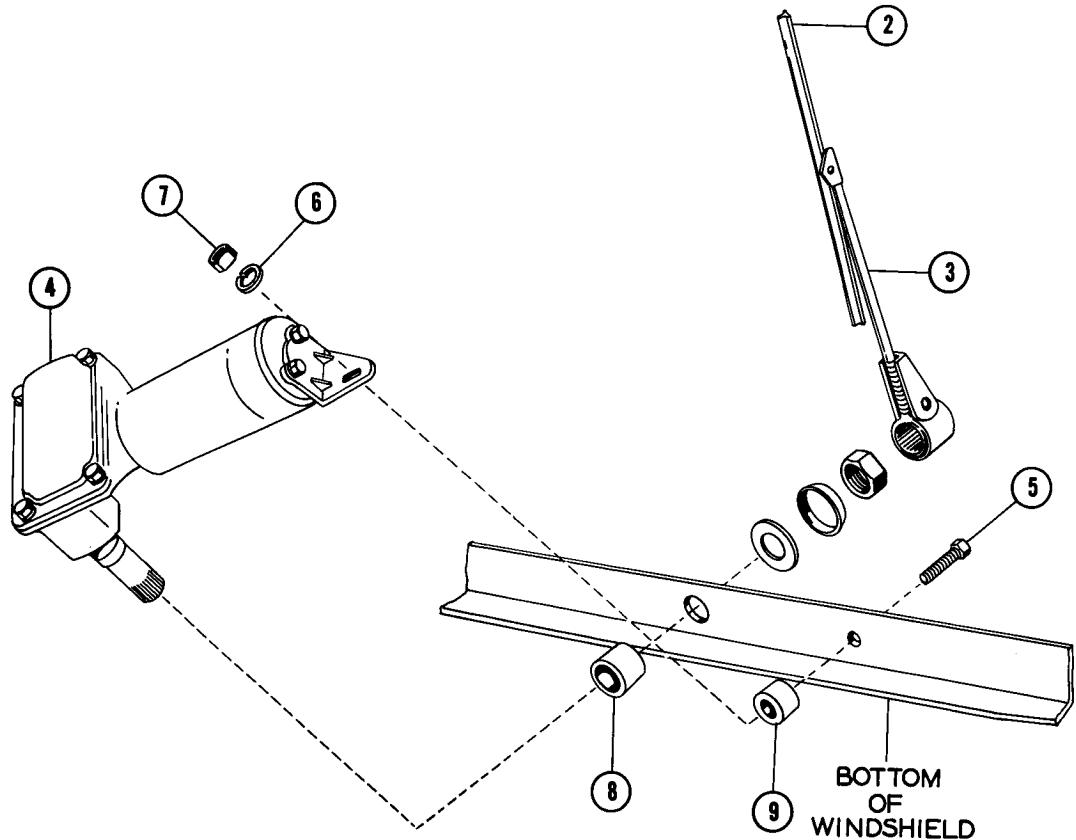
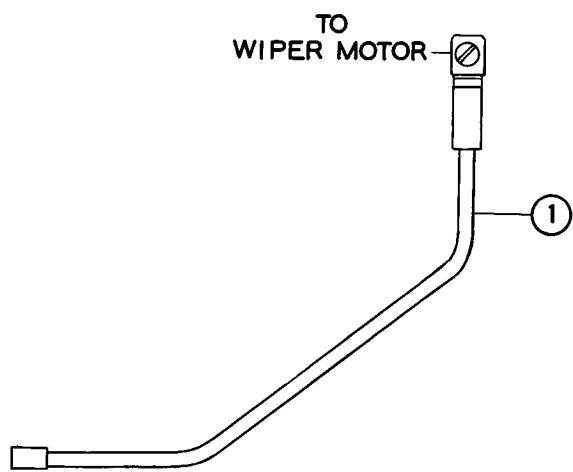


FIG. 5640

WINDSHIELD WIPER-AUXILIARY

FIGURE 5640

WINDSHIELD WIPER - AUXILIARY

Ref. No.	Part No.	Qty.	Description
1	VP5359	1	CABLE
2	VP1199	1	BLADE, WIPER
3	725090	1	ARM, WIPER
4	VP0014	1	MOTOR, WIPER
5	TF6376	1	MACHINE SCREW - #10 - 24NC X 1 1/4" (1)
	TL7470	1	MACHINE SCREW - #10 - 24NC X 1 1/8" (2)
6	VM1402	1	LOCKWASHER - #10
7	DF0017	1	NUT - #10 - 24NC
8	VP6281	1	SPACER (1)
	CP0134	1	SPACER (2)
9	VP1156	2	SPACER (1)
	VP2013	1	SPACER (2)
			<p>NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBER 15324 AND LATER. EXCEPT NUMBERS 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.</p> <p>(2) EFFECTIVE PRIOR TO SERIAL NUMBERS IN NOTE #1.</p>

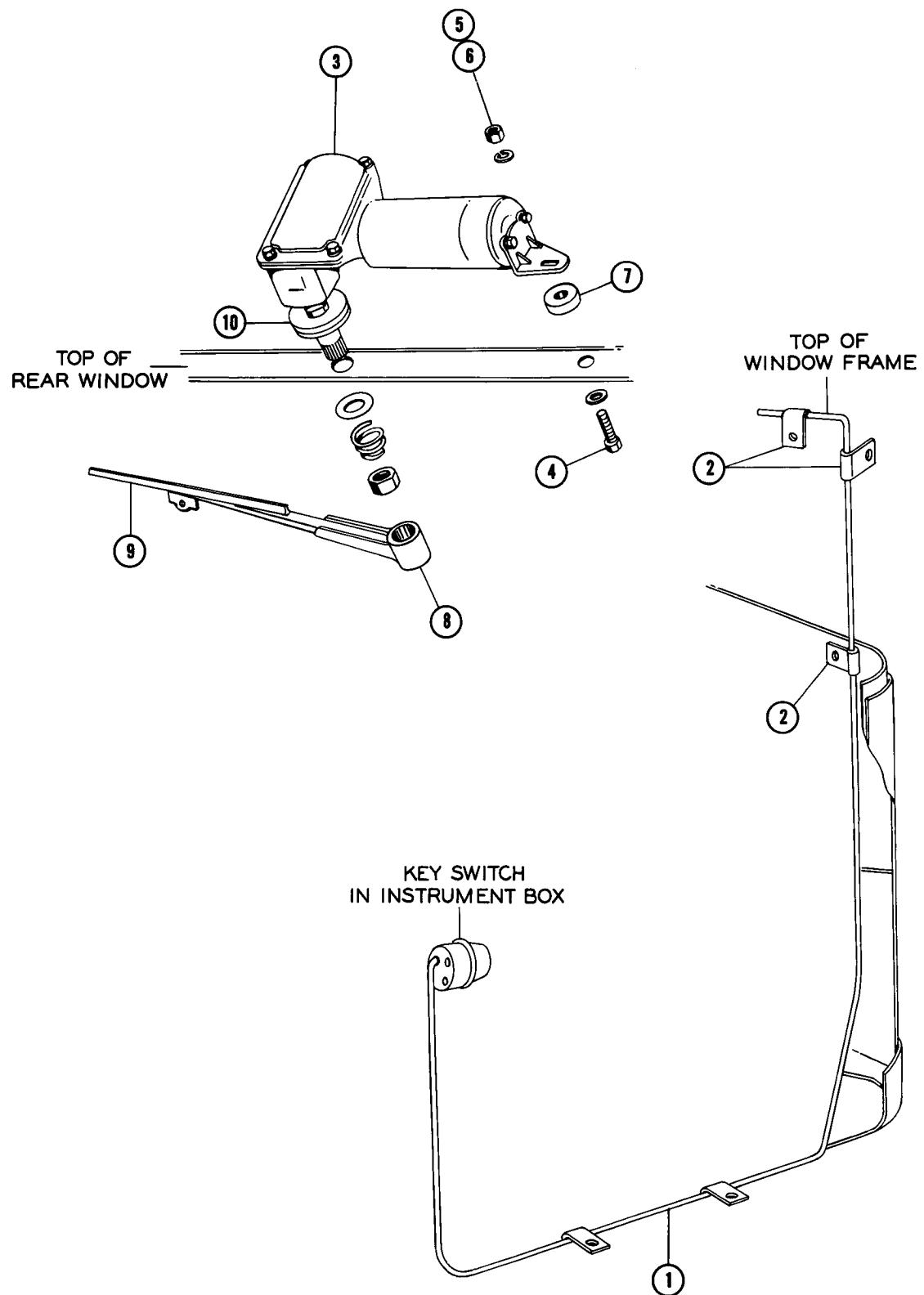


FIG. 5644
WINDOW WIPER-REAR

FIGURE 5644

WINDSHIELD WIPER - REAR

Ref. No.	Part No.	Qty.	Description
1	VP6319	1	CABLE
2	4P2565	2	CLAMP (1)
	VP2565	6	CLAMP (2)
3	VP0014	1	MOTOR, WIPER (1)
	VP0022	1	MOTOR, WIPER (2)
4	HD6007	1	MACHINE, SCREW - #10 - 24NC X 3/4"
5	VM1402	1	LOCKWASHER - #10
6	DF0017	1	NUT - #10 - 24NC
7	VP1156	1	SPACER
8	473648	1	ARM
9	729595	1	BLADE (1)
	725091	1	BLADE (2)
10	522077	2	WASHER
NS	424868	1	GROMMET (1)
<p>NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBER 15324 AND LATER. EXCEPT NUMBERS 15339, 15357, 15375, 15378 AND 15381. 666BT SERIAL NUMBER 6642 AND LATER. 777B SERIAL NUMBER 3919 AND LATER. 777BT SERIAL NUMBER 6890 AND LATER.</p> <p>(2) EFFECTIVE PRIOR TO SERIAL NUMBERS IN NOTE #1.</p>			

PUMP DRIVE

FIG. 5645

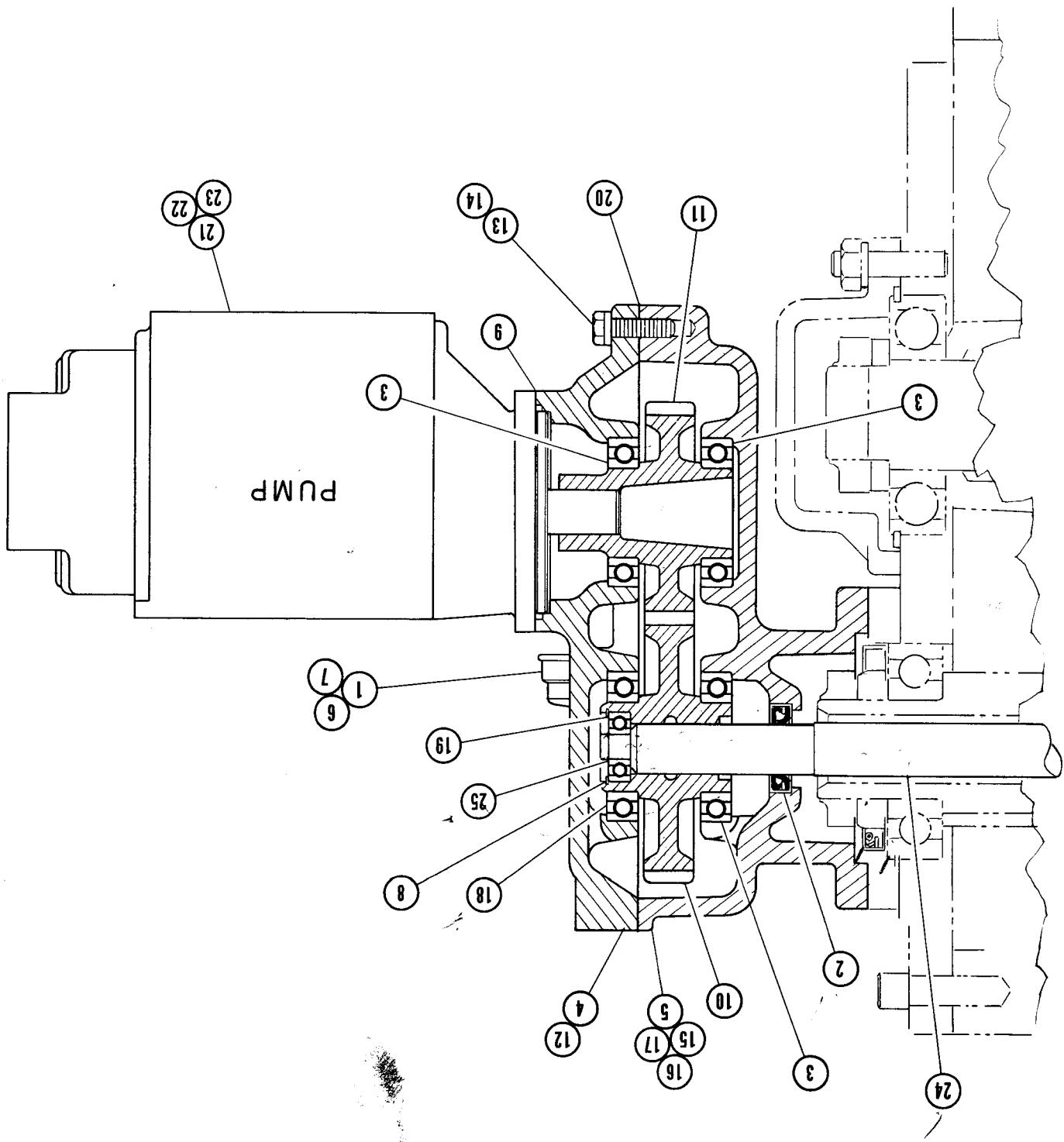
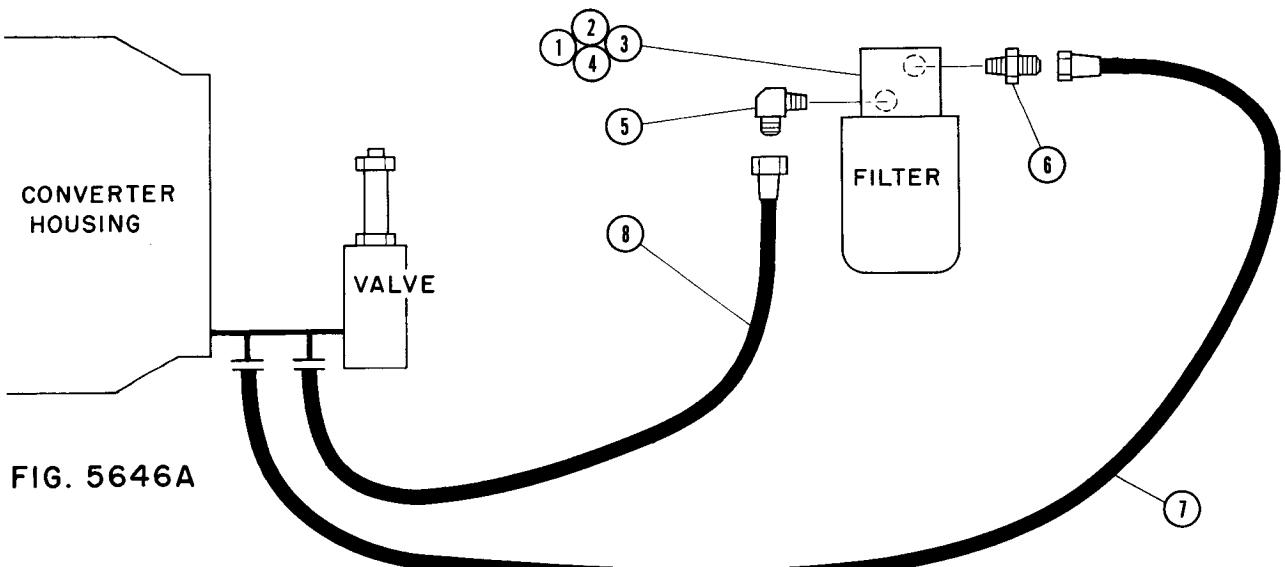


FIGURE 5645

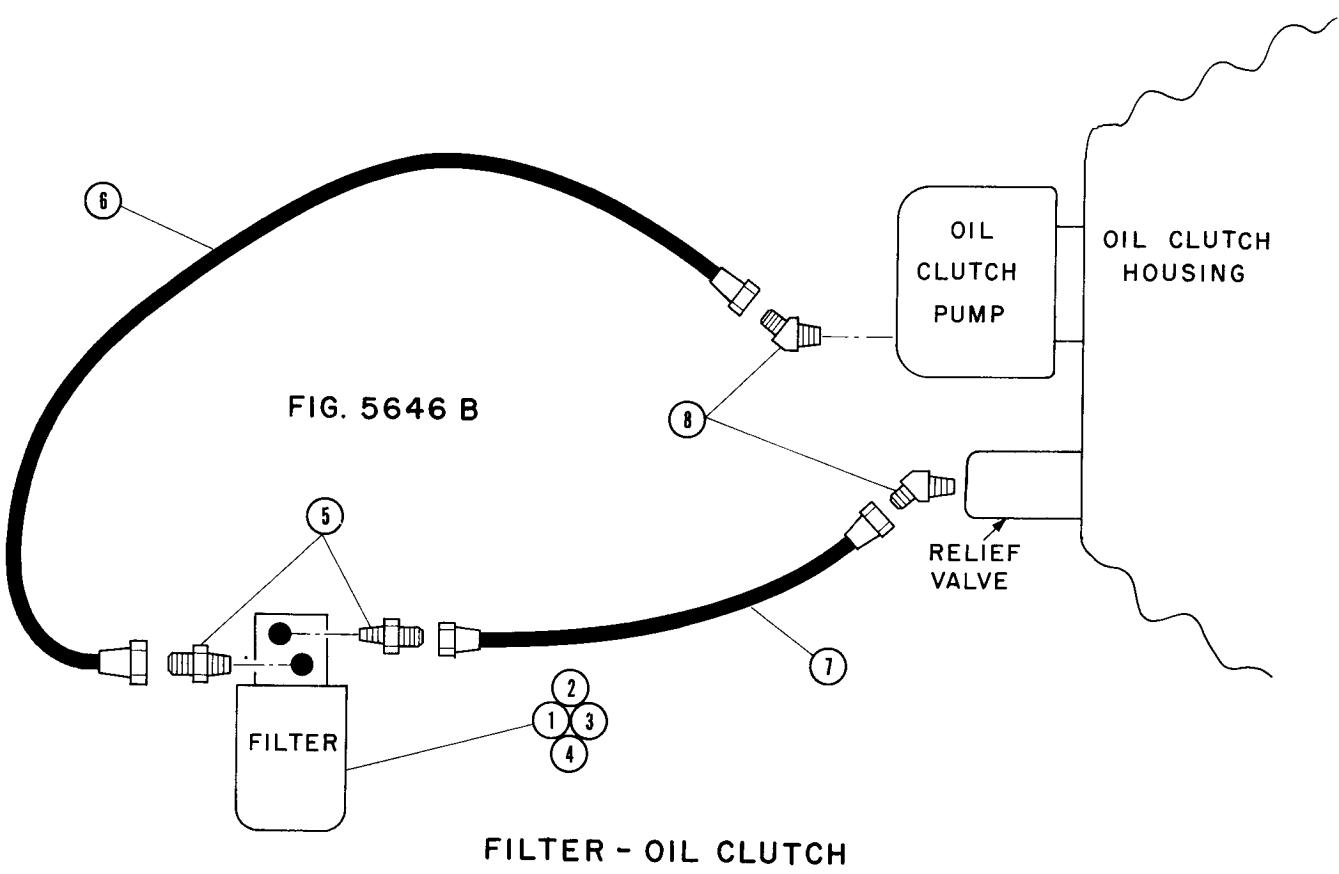
PUMP DRIVE

Ref. No.	Part No.	Qty.	Description
1	427578	1	BREATHER
2	474784	1	SEAL
3	820137	3	BEARING
4	5P1708	2	DOWEL
5	C5771	1	PIPE PLUG - 1/8"NPT
6	R3188	1	ELBOW
7	CC9658	1	NIPPLE
8	TG3775	1	RING, RETAINING
9	TC4709	1	"O" RING
10	VP3932	1	GEAR
11	VP3937	1	GEAR
12	VP4212	1	COVER
13	C1603	7	CAPSCREW - 3/8" - 16NC X 1 1/4"
14	VM1405	7	LOCKWASHER - 3/8"
15	VP4213	1	HOUSING
16	VM1405	5	LOCKWASHER - 3/8"
17	C1522	5	NUT - 3/8" - 24NF
18	VP4317	1	BEARING
19	VP4318	1	BEARING
20	VP4319	1	GASKET
21	*	1	PUMP
23	C1613	2	CAPSCREW - 1/2" - 13NC X 1 1/4"
23	VM1454	2	LOCKWASHER - 1/2"
24	VR2258	1	SHAFT ASSY, P.T.O. (1)
	VR2298	1	SHAFT ASSY, P.T.O. (2)
25	TH1191	1	RING, RETAINING

NOTE: *FOR BREAKDOWN OF VP4364 AND VP7008 PUMPS SEE INDEX.
(1) USED ON 666B AND 777B EQUIPPED WITH GM ENGINE.
(2) USED ON 666B AND 777B EQUIPPED WITH CUMMINS ENGINE.



FILTER - TORQUE CONVERTER



FILTER - OIL CLUTCH

FIGURE 5646A

FILTER - TORQUE CONVERTER

Ref. No.	Part No.	Qty.	Description
1	122673	1	FILTER ASSEMBLY
	VS2033	1	ELEMENT, FILTER
2	C1603	3	CAPSCREW - 3/8" - 16NC X 1 1/4"
3	VM1405	3	LOCKWASHER - 3/8"
4	122674	1	GASKET
5	TH7589	1	FITTING, 90° ELBOW
6	TH7590		FITTING, CONNECTOR
7	VR2810	1	HOSE (1)
	VR2815	1	HOSE (2)
8	VR2809	1	HOSE (1)
	VR2816	1	HOSE (2)
NS	121033	2	TIE, NYLON
<p>NOTE: (1) EFFECTIVE WITH 777BT GM ENGINE. (2) EFFECTIVE WITH 777BT CUMMINS ENGINE.</p>			

FIGURE 5646B

FILTER - OIL CLUTCH

1	122673	1	FILTER ASSEMBLY
	VS2033	1	ELEMENT, FILTER
2	C1603	3	CAPSCREW - 3/8" - 16NC X 1 1/4"
3	VM1405	3	LOCKWASHER - 3/8"
4	122674	1	GASKET
5	TH7590	2	FITTING, CONNECTOR
6	VR2817	1	HOSE
7	VR2815	1	HOSE
8	TR0455	2	ELBOW - 45°
NS	121033	2	TIE, NYLON
(EFFECTIVE WITH 666B/777B GM & CUMMINS)			

ROTATING BEACON

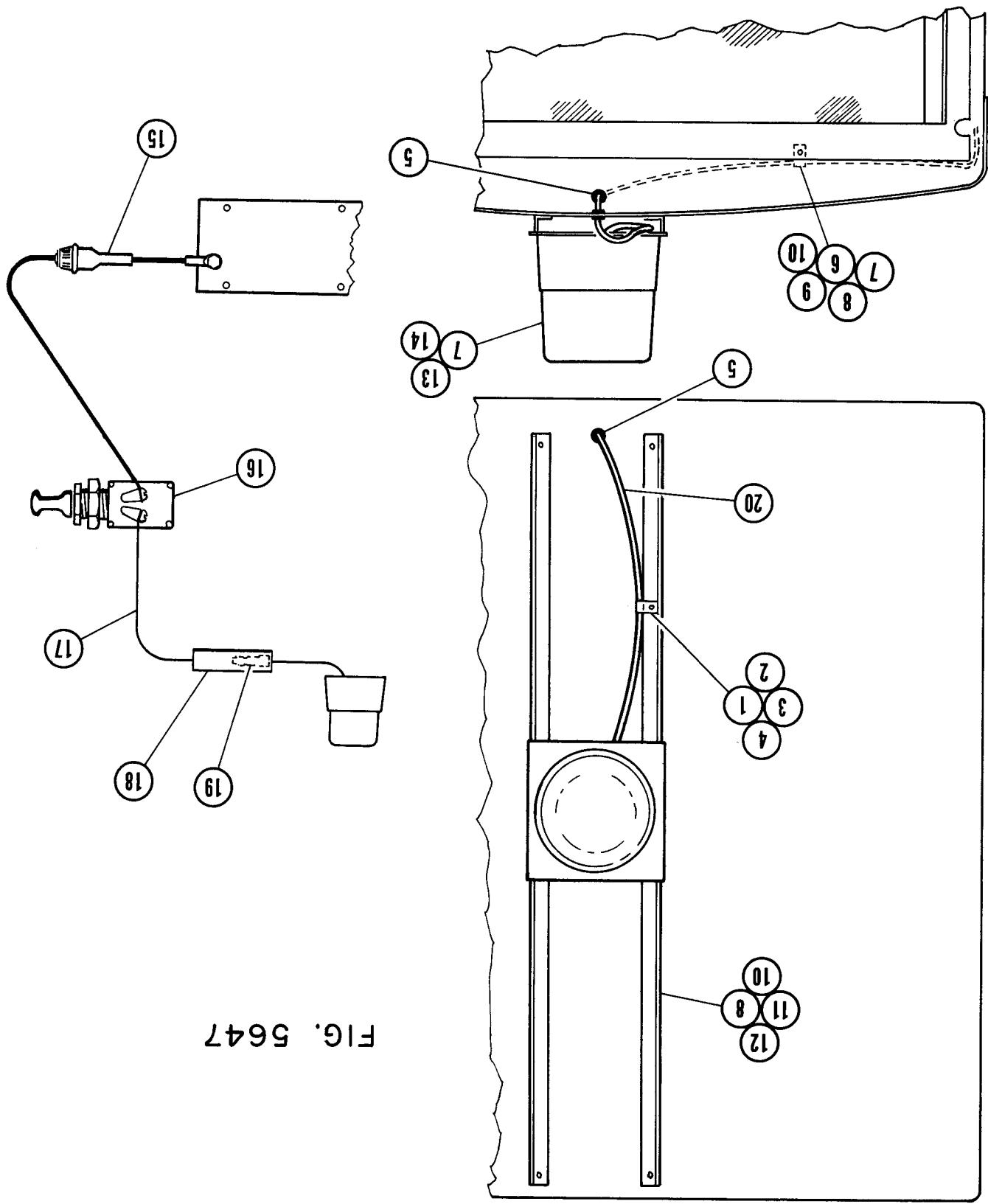


FIG. 5647

Ref.	Part No.	Qty.	Description
1	424243	1	CLAMP (1)
2	TR5365	1	CAPSCREW - 5/16" - 18NC X 1/2" (1)
3	CD0296	1	LOCKMASHER - 5/16"
4	C1520	1	NUT - 5/16"
5	SG0673	2	GROMMET (1)
6	4P2565	1	CLAMP (1)
7	SG1375	4	SCREW, SLOTTED TAPPING - #10 - 24NC X 1/2" (2)
8	VM1404	6	LOCKMASHER - 1/4"
9	DF3445	1	MASHER, FLAT - #12 (2)
10	TF1549	6	NUT - 1/4" - 20NC
11	VR3406	1	SUPPORT (1)
12	TF1548	4	CAPSCREW - 1/4" - 20NC X 5/8" (1)
13	VP2735	1	BEACON, AMBER
14	VN9767	3	MASHER, FLAT - #10
15	VP5327	1	HOLDER, FUSE
16	427679	1	SWITCH
17	VP6171	1	CABLE (1)
18	VP6088	1	CABLE (2)
19	721352	1	TERMINAL
20	VP6118	1	LOOM (1)

DOME LIGHT

FIG. 5648

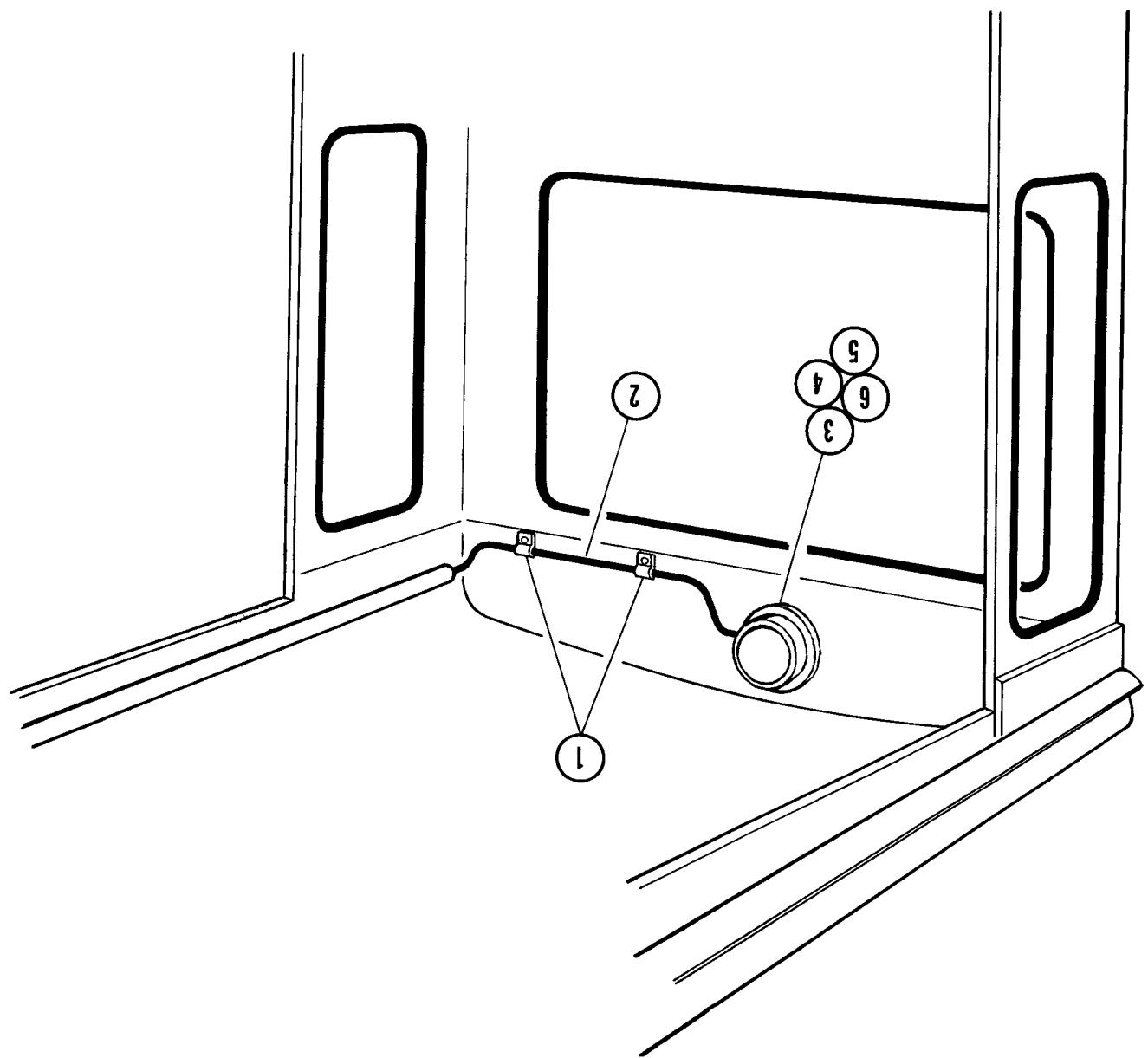


FIGURE 5648

DOME LIGHT VR3397

Ref. No.	Part No.	Qty.	Description
1	4P2565	AR	CLAMP
2	VP2720	1	CABLE
3	VP2721	1	LIGHT, DOME
4	HD6007	3	SCREW, MACHINE - #10 - 24NC X 3/4"
5	VM1402	3	LOCKWASHER - #10
6	DF0017	6	NUT - #10 - 24

ODOMETER

FIG. 4042

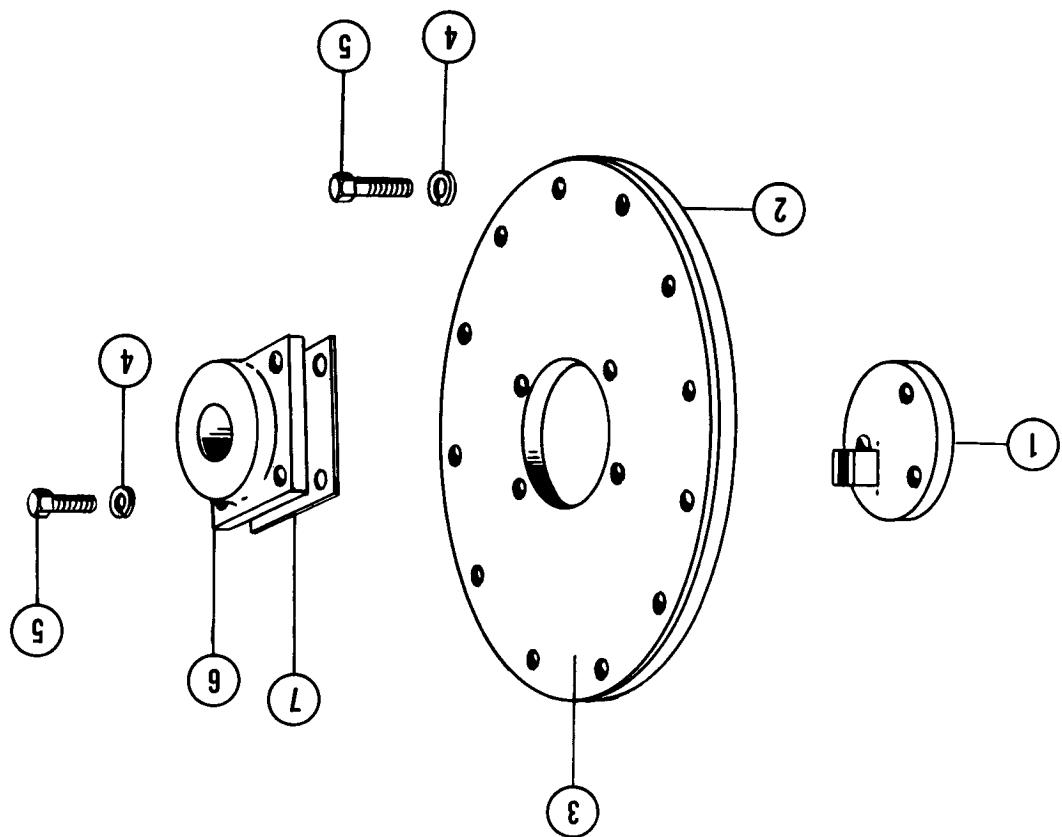


FIGURE 4042

ODOMETER

Ref. No.	Part No.	Qty.	Description
1	402664	1	PLATE, DRIVE
2	VP2048	1	GASKET
3	VP2558	1	PLATE, COVER
4	VM1405	16	LOCKWASHER - 3/8"
5	C1602	16	CAPSCREW - 3/8" - 16NC X 1"
6	728317	1	ODOMETER (MILES) (13:00 X 24 - 14:00 X 24 TIRES) (1)
	728318	1	ODOMETER (KILOMETER) (13:00 X 24 - 14:00 X 24 TIRES) (1)
	VP5902	1	ODOMETER (KILOMETER) (14:00 X 24 TIRES) (2)
	VP5903	1	ODOMETER (MILES) (14:00 X 24 TIRES) (2)
	VP5917	1	ODOMETER (KILOMETER) (16:00 X 24 TIRES) (2)
	VP5918	1	ODOMETER (MILES) (16:00 X 24 TIRES) (2)
7	429618	1	GASKET
			NOTE: (1) EFFECTIVE WITH 666B AND 666BT. (2) EFFECTIVE WITH 777B AND 777BT.

BULLDOZER

FIG. 5649

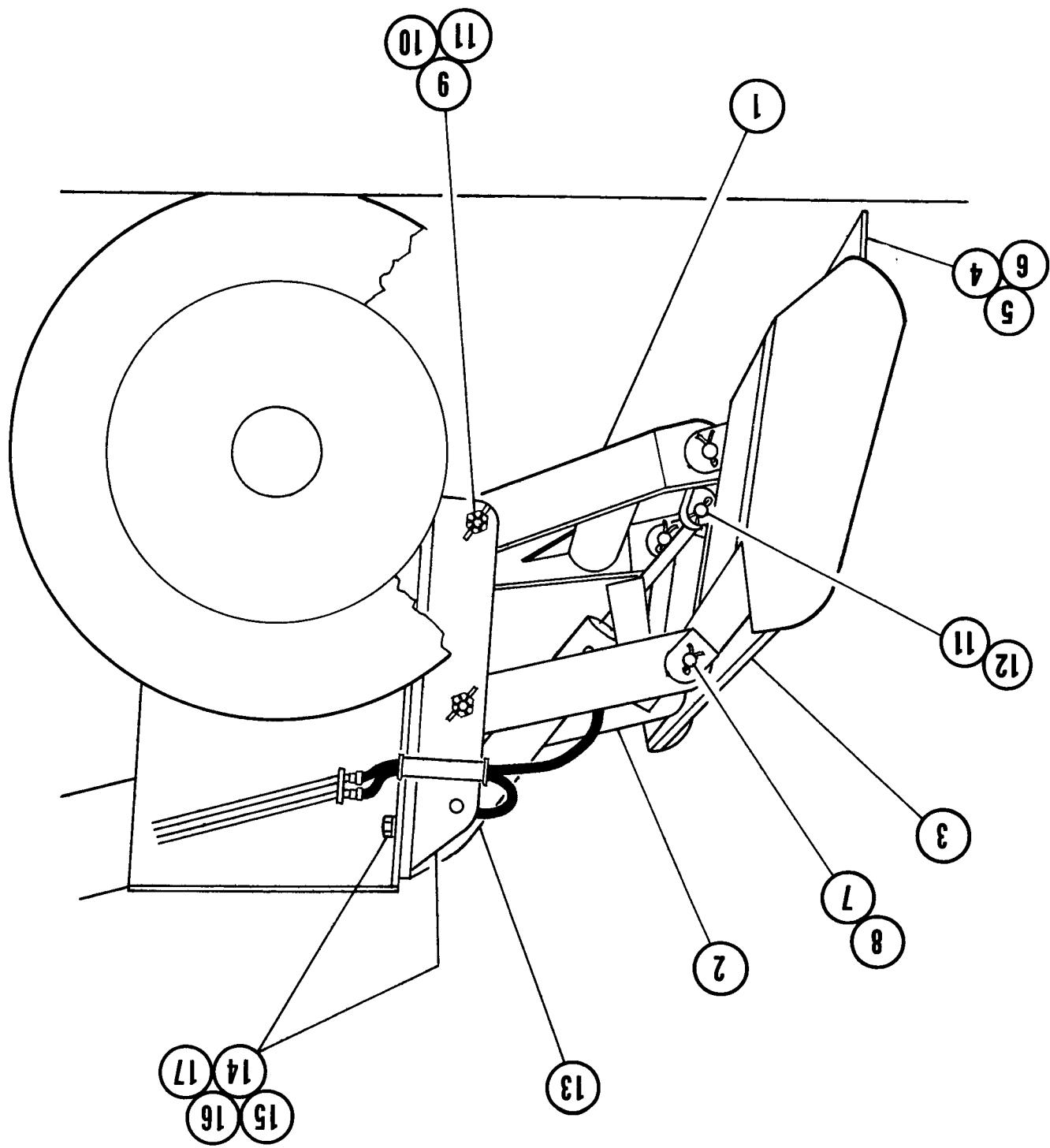


FIGURE 5649

BULLDOZER - MODEL NO. 14

Ref. No.	Part No.	Qty.	Description
1	404482	1	HINGE, LOWER
2	404483	1	HINGE, UPPER
3	404532	1	MOLDBOARD, BULLDOZER (INCL. REF. NOS. 4,5, AND 6)
4	425784	1	BLADE
5	SG7352	10	BOLT, PLOW - 5/8" - 11NC X 1 1/2"
6	921674	10	NUT - 5/8" - 11NC
7	428890	4	PIN
8	C1557	8	PIN, COTTER - 3/8" X 2 1/2"
9	723410	4	BOLT, SHOULDER
10	TL5471	4	NUT - 1 1/2" - 7NC
11	C2508	8	PIN, COTTER - 5/16" X 3"
12	723446	2	PIN (2)
13	726618	1	CYLINDER, HYDRAULIC (SEE INDEX)
14	VR2512	1	UPRIGHT
15	E0258	4	CAPSCREW - 1 1/4" - 7NC X 4 1/4"
16	VM1412	4	LOCKWASHER - 1 1/4"
17	C1533	4	NUT - 1 1/4" - 7NC

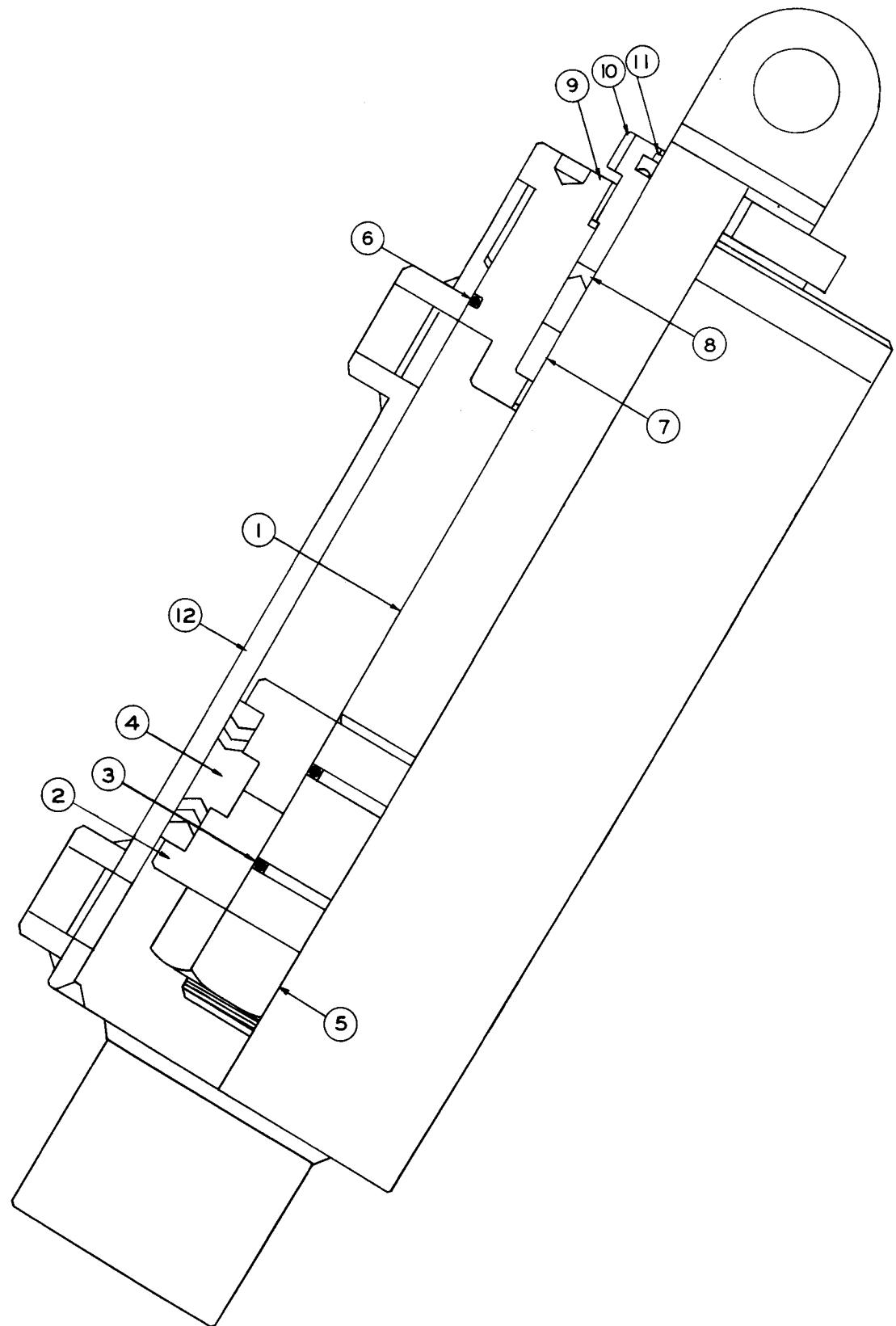


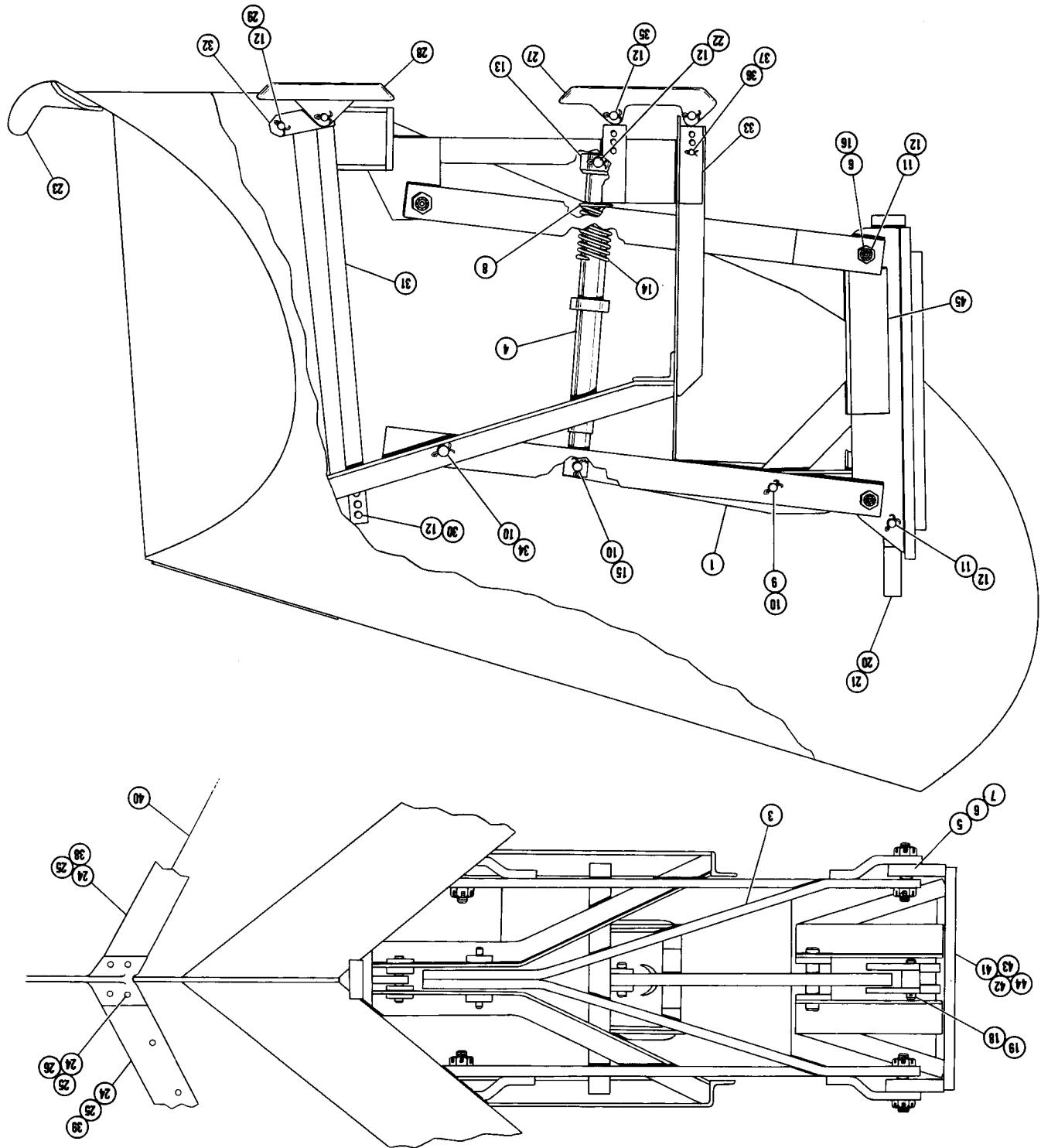
FIG. 3996

HYD. CYLINDER-BULLDOZER

Ref.	Part No.	Qty.	Description
1	475514	1	ROD, PISTON
2	475418	1	PISTON, HALF
3	475424	1	"O" RING
4	475422	1	PACKING, PISTON
5	475427	1	NUT
6	475432	1	"O" RING
7	475434	1	BUSHING
8	475436	1	PACKING SET
9	475515	1	BOX, STUFFING
10	475442	1	GLAND, PACKING
11	475445	1	WIPER
12	475513	1	HOUSING

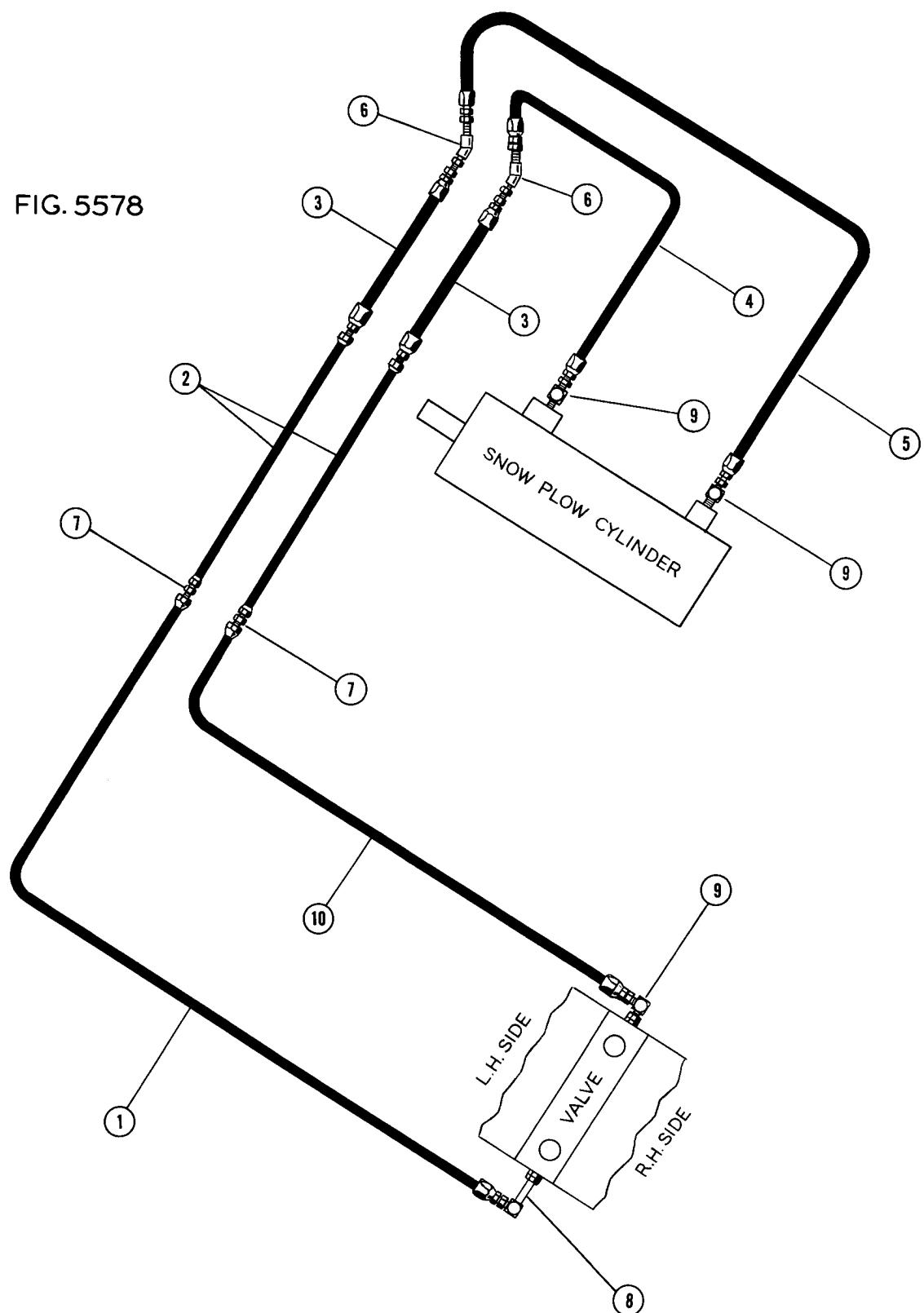
SNOW PLOW & UPRIGHT

FIG. 5579



Ref.	Part No.	Qty.	Description
12	404600	1	LEVER
13	V3516	1	PUSHER
14	404603	1	LINK GUIDE
15	422676	2	LIFT PIPE
16	TL5471	10	BOLT, SHOULDER
17	VM1485	2	NUT, SLOTTED - 1 1/4"NC
18	620574	1	MASHER
19	723632	6	PIN, COTTER - 1/4" X 2"
20	723673	1	PIN
21	VN9879	1	PIN, COTTER - 3/8" X 3"
22	723877	1	PIN
23	1945	1	RUNNER, NOSE
24	C1525	26	NUT - 5/8" - TINC
25	S8713	26	BOLT, PLow - 5/8" - TINC X 2"
26	S8715	2	BOLT, PLow - 5/8" - TINC X 2 1/4"
27	2582	2	SHOE, REAR
28	2583	1	SHOE, FRONT
29	424114	1	PIN, SHOE LINK
30	723642	1	PIN
31	723651	1	BAR
32	723652	2	BAR
33	723654	4	BAR, SQ.
34	723665	5	PIN
35	723806	4	RIVET, DRILLED
36	KP0253	4	PIN
37	C1556	4	PIN, CENTER - 3/16" X 1"
38	VP6490	1	BLADE, R.H.
39	VP6491	1	BLADE, L.H.
40	VR3204	1	V NOSE
41	VR2454	1	UPRIGHT
42	E0258	4	SCREW, CAP - 1 1/4" - TNC X 4 1/4"
43	VM1412	4	MASHER, LOCK - 1 1/4"
44	C1533	4	NUT - 1 1/4" - TNC
45	726948	1	CYLINDER, HYDRAULIC

FIG. 5578



HYDRAULIC LINES

Ref.	No.	Part No.	Qty.	Description
1		VR2752	1	TUBE ASSY
2		VR3255	2	TUBE ASSY
3		VP5967	2	HOSE
4		VP6028	1	HOSE
5		VP6029	1	HOSE
6		VP3642	2	FITTING, LUB 45°
7		VM3936	2	FITTING, UNION
8		VP3325	2	FITTING, LUB 90°
9		TH7589	3	FITTING, LUB 90°
10		VR2753	1	TUBE ASSY
11		429648	*	CYLINDER, HYDRAULIC (SEE INDEX)
		NS		TIE, NYLON
		121033	AR	

HYDRAULIC LINES (NO. 10 S.P.)

FIGURE 5578

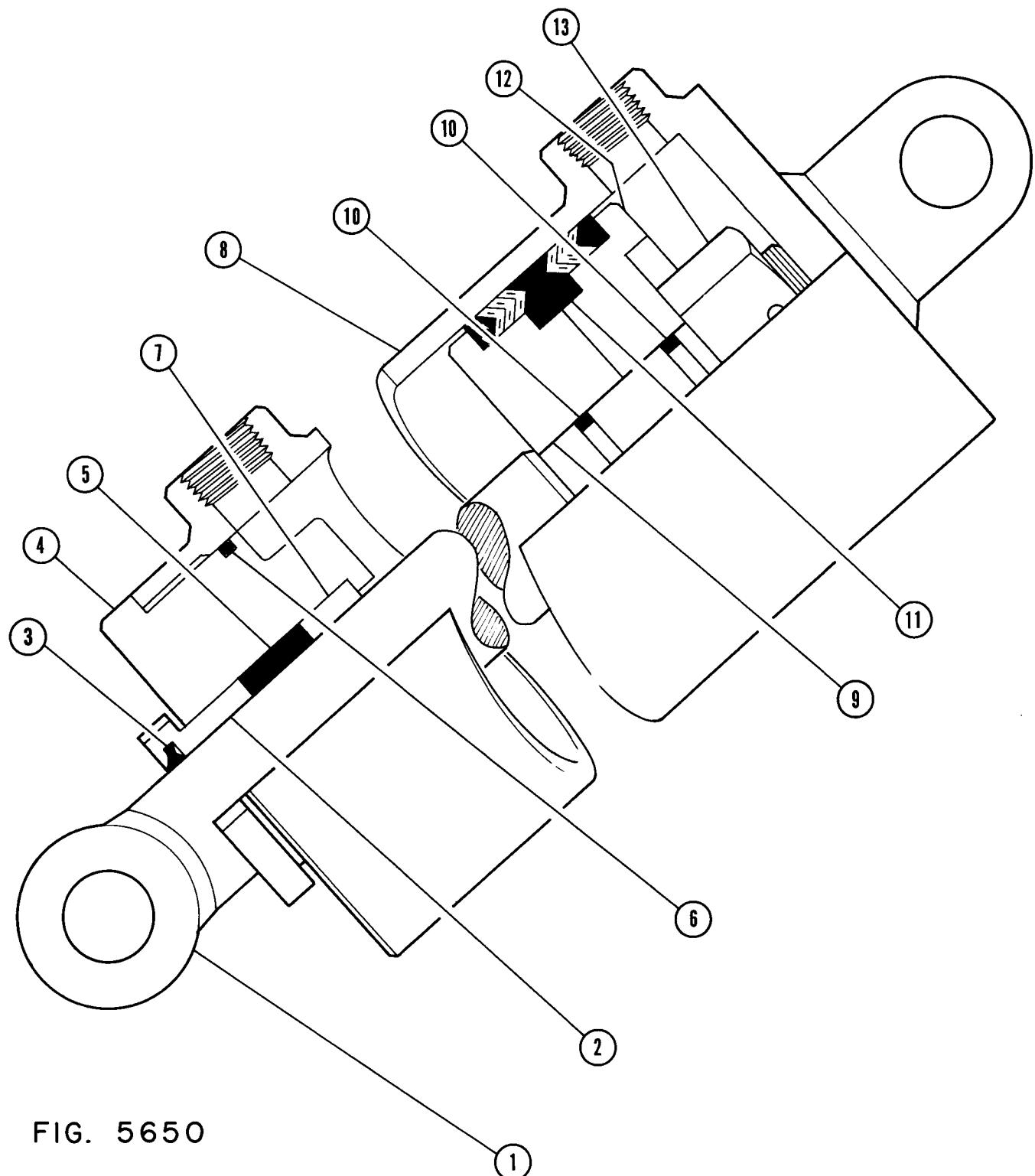


FIG. 5650

HYDRAULIC CYLINDER - NO. 10 SNOW PLOW

FIGURE 5650

HYDRAULIC CYLINDER (NO. 10 SP.)

Ref. No.	Part No.	Qty.	Description
	726948		CYLINDER, HYDRAULIC
1	475527	1	ROD, PISTON
2	475443	1	GLAND, PACKING
3	475446	1	WIPER
4	475440	1	BOX, STUFFING
5	475437	1	PACKING (SET)
6	475432	1	RING, O
7	475435	1	BUSHING
8	475526	1	TUBE, CYLINDER
9	475419	1	PISTON, HALF
10	475425	2	RING, "O"
11	475422	1	PACKING PISTON (SET)
12	475420	1	PISTON, HALF
13	475428	1	NUT, ROD

SNOW PLOW

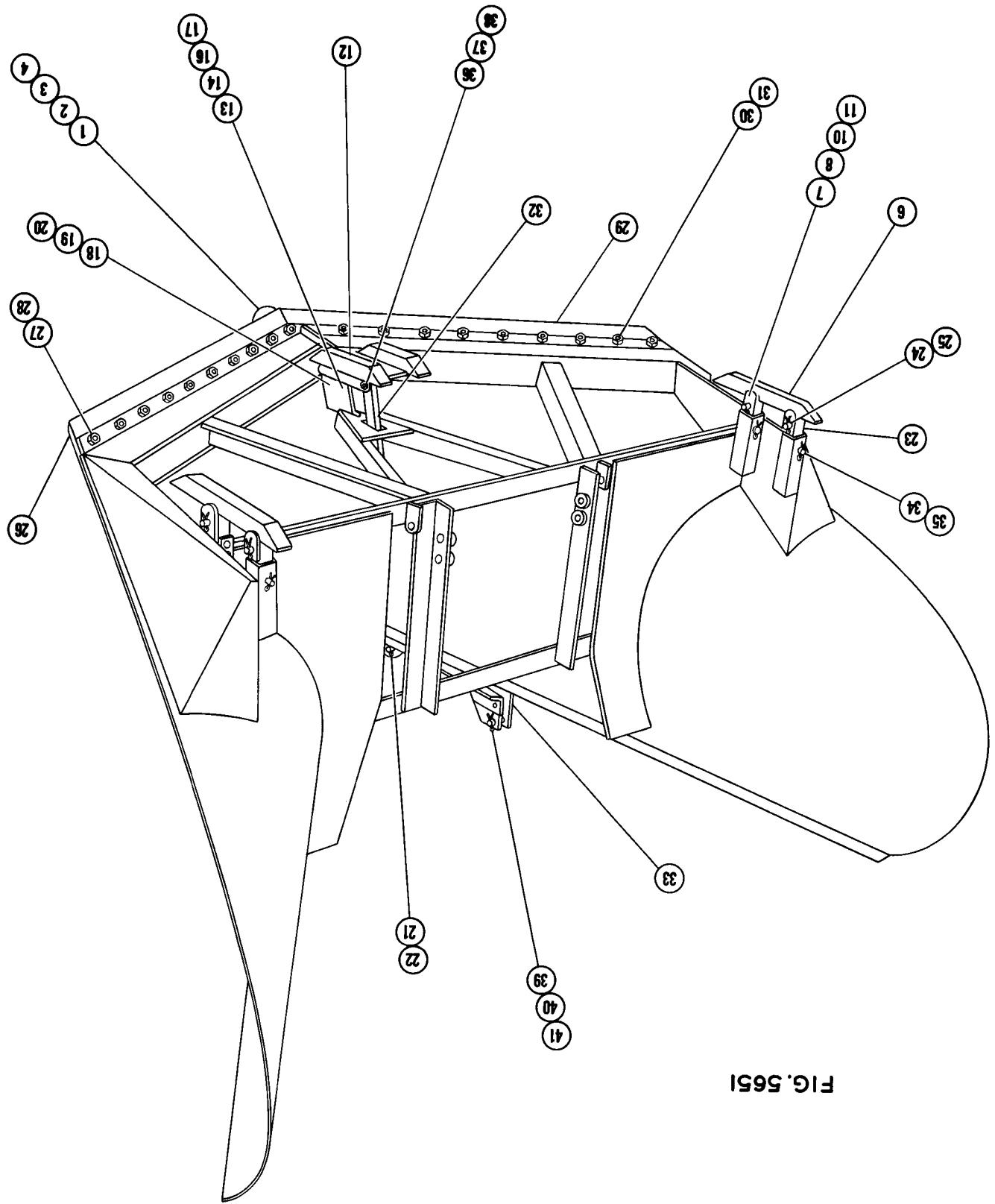
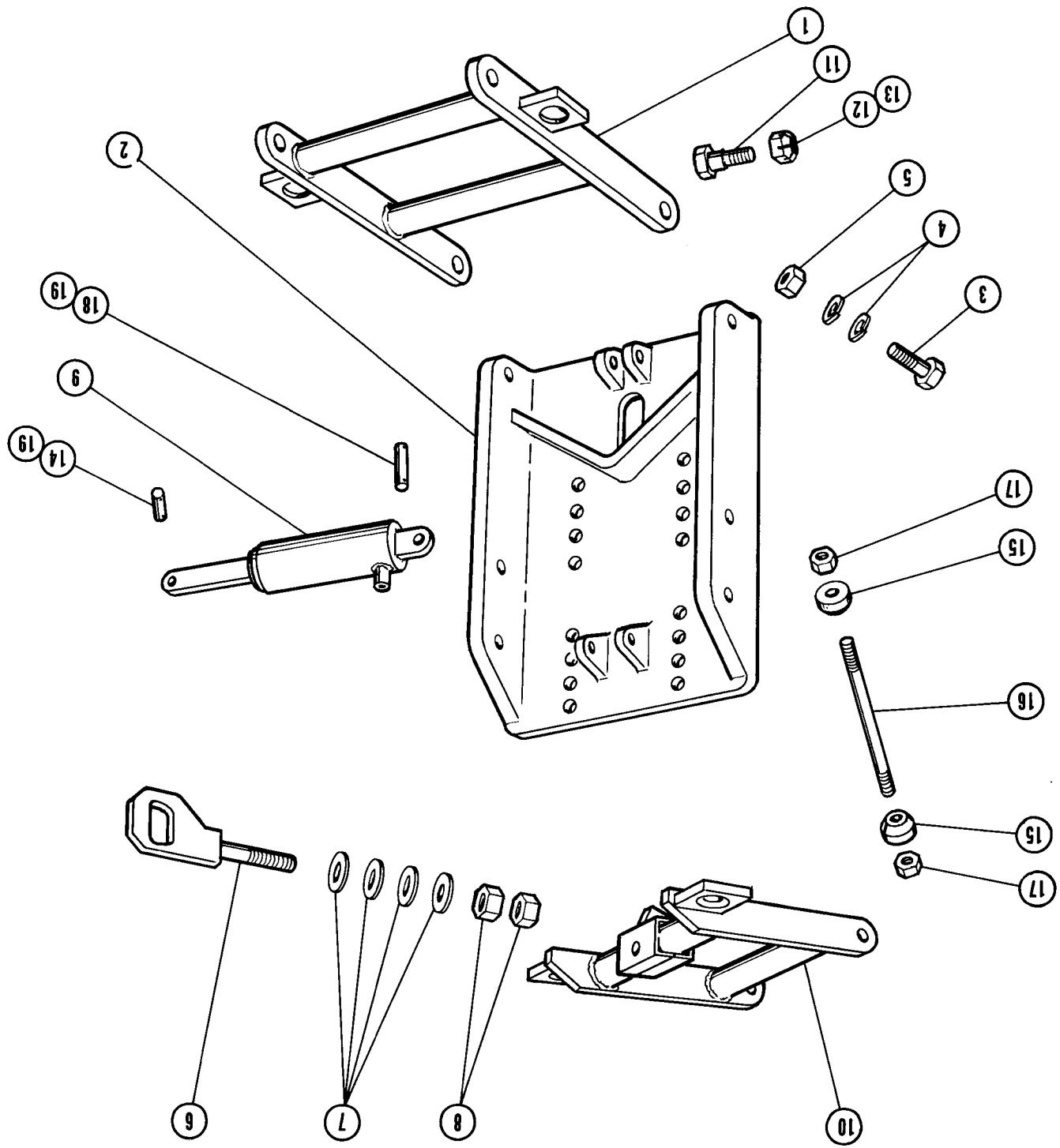


FIG. 565I

Ref.	Part No.	Qty.	Description
1	1945	1	PLATE, NOSE
2	921311	2	BOLT, PLOW - 5/8" - 11NC X 2"
3	921312	2	BOLT, PLOW - 5/8" - 11NC X 2 1/4"
4	921674	4	NUT, HEX - 5/8" - 11NC
5	401204	1	PLOW, "V" SNOW
6	402170	2	SHOE, MIDE REAR (INCL. REF. NOS. 7, 8, 10 AND 11)
7	427681	4	ANGLE, REAR SHOE
8	921302	8	BOLT, PLOW - 1/2" - 11NC X 1 1/2"
9	923524	8	LOCKMASHER - 1/2"
10	921302	8	NUT, HEX - 1/2" - 11NC
11	C1523	1	LOCKMASHER - 1/2"
12	404732	1	SHOE, MIDE FRONT (INCL. REF. NOS. 13, 14, 16 AND 17)
13	427680	2	ANGLE, MIDE SHOE
14	921302	4	BOLT, PLOW - 1/2" - 11NC X 1 1/2"
15	923524	4	LOCKMASHER - 1/2"
16	921302	4	NUT, HEX - 1/2" - 11NC
17	C1523	1	LOCKMASHER - 1/2"
18	424114	1	PIN, SHOE LINK
19	424133	2	LINK, FRONT SHOE PULL
20	R1057	1	PIN, COTTER - 3/16" X 1 1/2"
21	424143	1	PIN, ADJUSTING BAR
22	922209	2	PIN, COTTER - 1/4" X 1 1/4"
23	424588	4	SHAFET, SHOE SUPPORT
24	424752	5	PIN, DRILLED (FOR SHOE)
25	R1057	10	PIN, COTTER - 3/16" X 1 1/2"
26	424796	1	BLADE, R.H.
27	921311	9	BOLT, PLOW - 5/8" - 11NC X 2"
28	921674	9	NUT, HEX - 5/8" - 11NC
29	424797	1	BLADE, L.H.
30	921311	9	BOLT, PLOW - 5/8" - 11NC X 2"
31	921674	9	NUT, HEX - 5/8" - 11NC
32	424837	1	BAR, FRONT SHOE ADJUSTING
33	723458	2	WASHER, MEAR
34	KP0253	4	RIVET, SHOE SUPPORT
35	VD5164	4	PIN, COTTER - 1/4" X 1 1/2"
36	PP0941	1	BLADE, SHOE
37	VF7288	1	NUT, HEX SLOTTED - 1" - 13NC
38	922192	1	BOLT, DRILLED
39	PP1480	1	NUT, HEX SLOTTED - 1" - 8NC
40	TD3817	1	PIN, COTTER - 1/4" - 1 3/4"
41	922212	1	PISTON, COUPLER

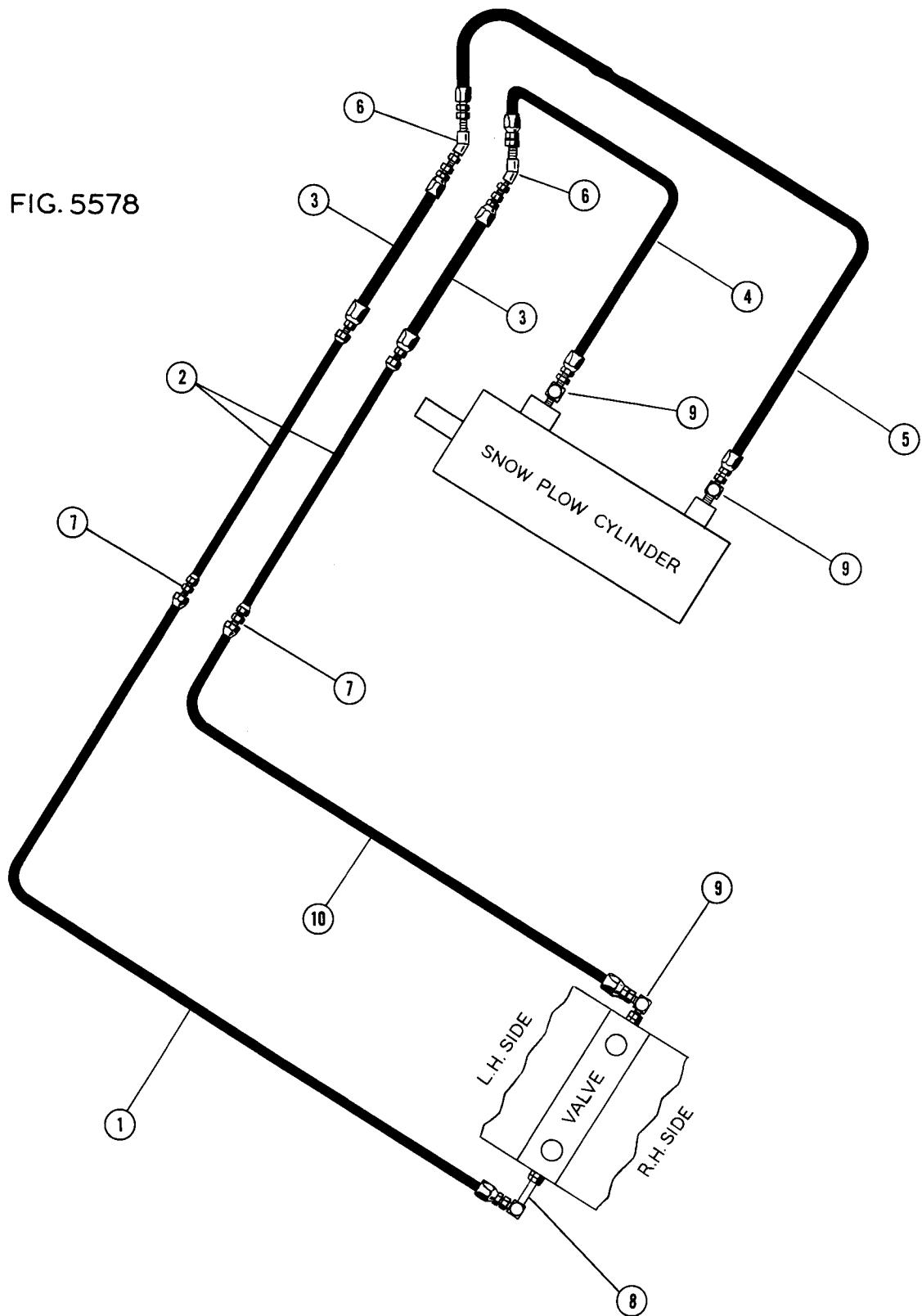
UPRIGHT

FIG. 5652



Ref.	No.	Part No.	Qty.	Description
1	403233	1	1	HINGE, LOWER
2	VR2512	1	1	UPRIGHT
3	F0258	4	4	CAPSCREW - 1 1/4" - TNC X 4 1/4"
4	VM1412	8	8	LOCKMASHER - 1 1/4"
5	CT1533	4	4	NUT, HEX - 1 1/4" - TNC
6	404452	1	1	BEARING, HINGE
7	VC6188	15	15	MASHER, CUT - 1 1/2"
8	VL2590	2	2	NUT, HEX JAM - 1 1/2" - 6NC
9	VR2835	1	1	CYLINDER, HYDRAULIC
10	404469	1	1	HINGE, UPPER
11	422676	6	6	BOLT, SHOULDER
12	TL5471	6	6	NUT, HEX SLOTTED - 1 1/4" - TNC
13	VP2378	6	6	PIN, COTTER - 5/16" X 2 1/4"
14	723341	1	1	PIN, HINGE
15	662575	4	4	NUT, SWIVEL
16	723333	2	2	ROD, LIFT
17	CL1630	4	4	NUT, HEX - 7/8" - 14NF
18	VP5449	1	1	PIN
19	CL1518	4	4	PIN, COTTER - 1/4" X 2"

FIG. 5578



HYDRAULIC LINES

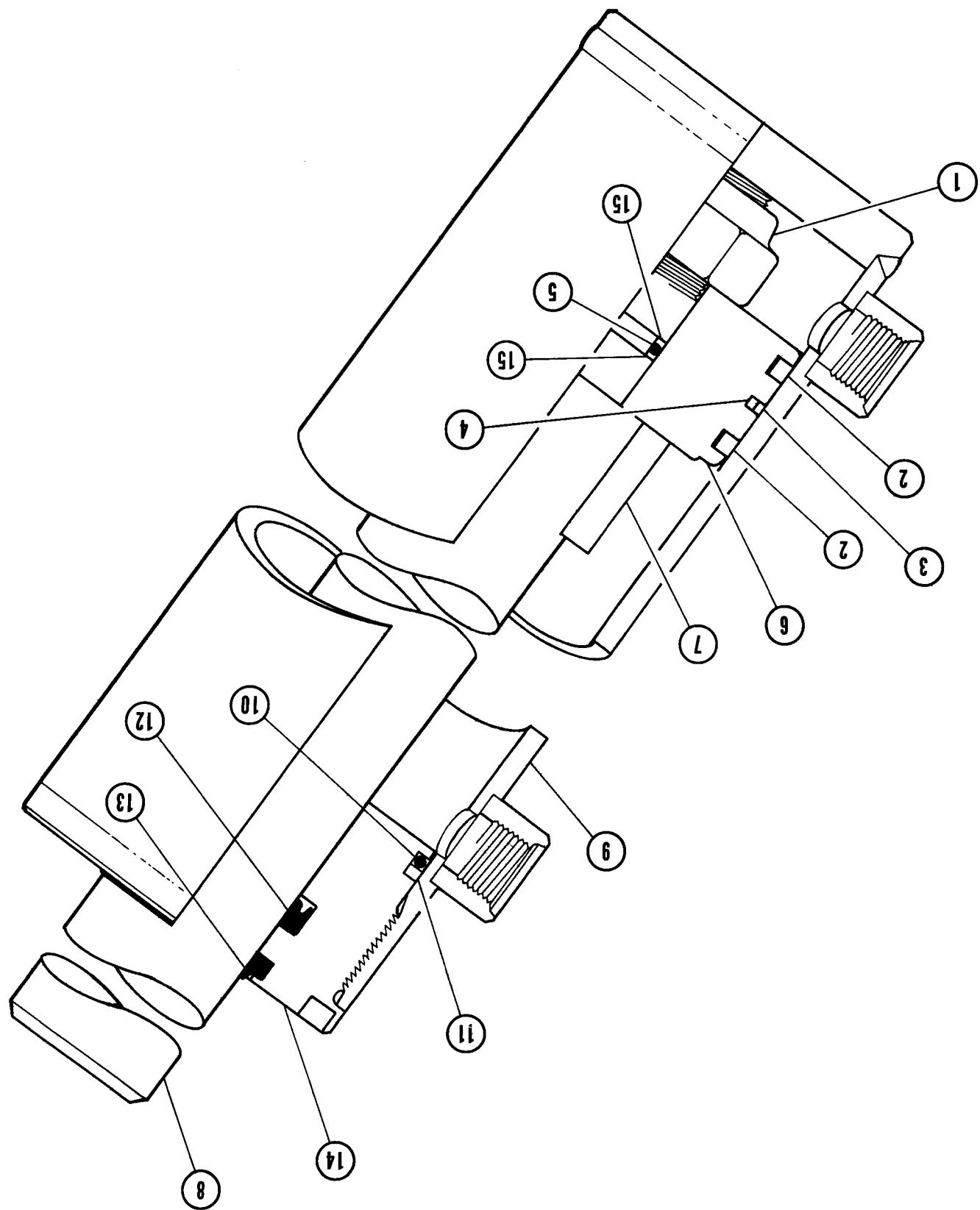
FIGURE 5578

HYDRAULIC LINES (NO. 11 S.P.)

Ref. No.	Part No.	Qty.	Description
1	VR2752	1	TUBE ASSY
2	VR3255	2	TUBE ASSY
3	VP5967	2	HOSE
4	VP6028	1	HOSE
5	VP6029	1	HOSE
6	VP3642	2	FITTING, LUB - 45°
7	VM3936	2	FITTING, UNION
8	VP3325	2	FITTING, LUB - 90°
9	TH7589	3	FITTING, LUB - 90°
10	VR2753	1	TUBE ASSY
11	VR2835	*	CYLINDER, HYDRAULIC (SEE INDEX)
NS	121033	AR	TIE, NYLON

CYLINDER - HYDRAULIC

FIG. 5653



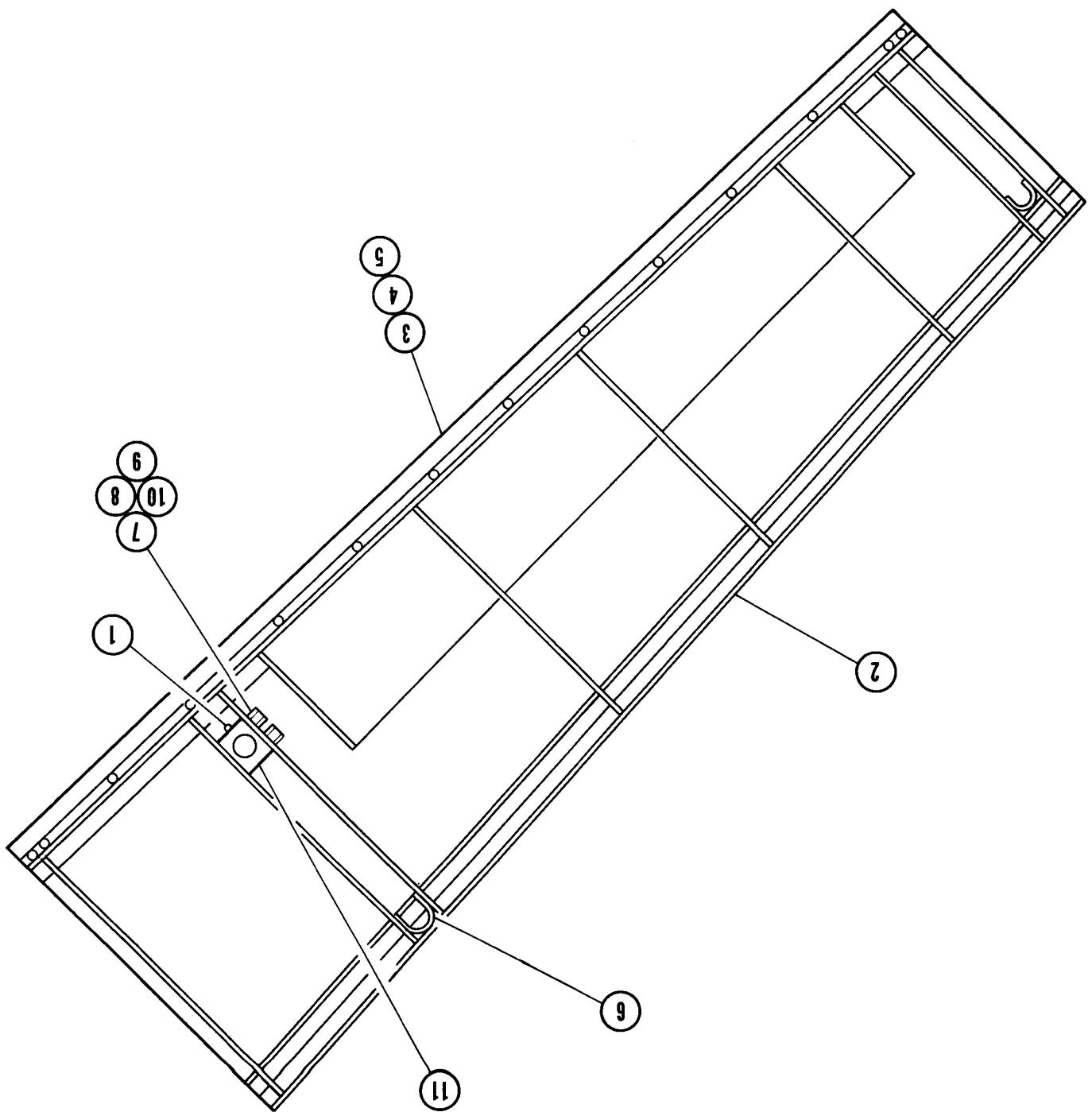
Ref.	Part No.	Qty.	Description
1	VJ0570	1	LOCKNUT
2	VJ0571	1	RING, PISTON
3	VJ0572	1	SEAL, TEFLOON
4	VJ0573	1	"O" RING, LOAD
5	VJ0574	1	"O" RING
6	VJ0575	1	PISTON
7	VJ0576	1	SPACER
8	VR0102	1	SHAFT
9	VR0103	1	CASE
10	VJ0579	1	"O" RING
11	VJ0580	1	WASHER, BACK-UP
12	VJ0581	1	U-CUP
13	VJ0582	1	SEAL, WIPER
14	VJ0583	1	HEAD
15	VJ0584	2	BACK-UP RING
	VS2463	AR	KIT, SEAL (INCL. REF. NOS. 3,4,5,10,11,12,13 AND 15)

HYDRAULIC CYLINDER - VR2835 (NO. 11 S.P.)

FIGURE 5653

SNOW WING MOLDBOARD

FIG. 5654

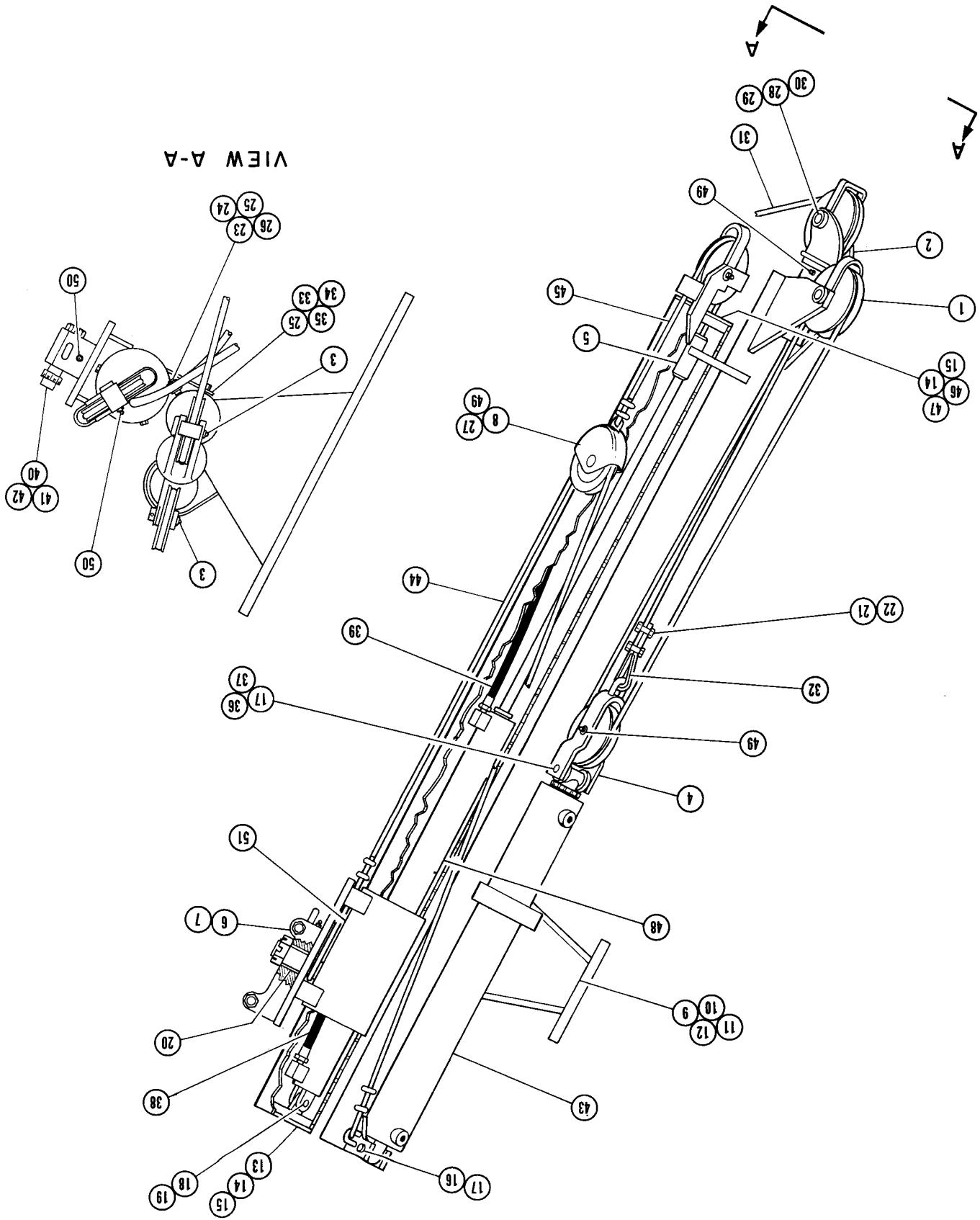


Ref.	Part No.	Qty.	Description
1	350773	1	FITTING, LUB
2	405855	1	MOLDBOARD, 12", LENGTH (INCL. REF. NOS. 1 AND 3 THRU 11)
3	425591	1	BLADE
4	921371	14	BOLT, PLOW - 1/2" - 13NC X 1 3/4"
5	921673	14	NUT - 1/2" - 13NC
6	721379	2	LOOP, LIFT
7	724958	2	BOLT, MACHINE (HEAT TREATED)
8	TD3817	2	NUT, SLOTTED - 1" - 8NC
9	922195	2	PIN, COTTER - 3/16" X 1 3/4"
10	724962	2	NUT, HEX
11	724964	1	BLOCK, PUSH

SNOW MING MOLDBOARD - MODEL NO. 28

FIGURE 5654

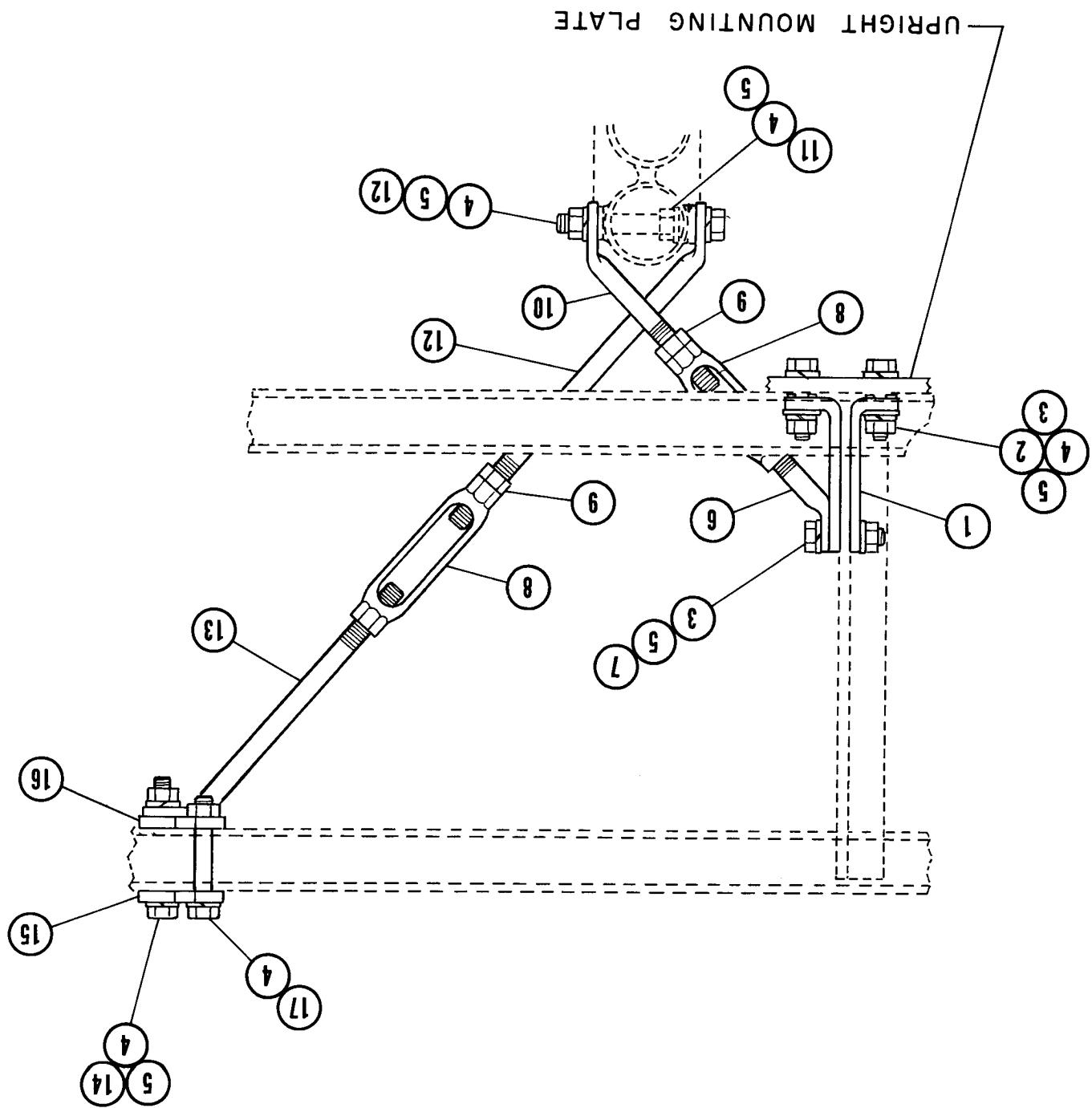
UPRIGHT
FIG. 5655



Ref.	Part No.	Qty.	Description
1	1755	4	SHEAVE
2	350773	2	CASTER, SWIVEL
3	1936	1	FITTING, LUB
4	404470	1	SUPPORT, SHEAVE
5	404675	1	SOCKET, CABLE
6	405228	1	BLOCK, FULCRUM
7	VN9879	1	PIN, COTTER - 3/8" X 3"
8	406288	1	BLOCK
9	407475	1	UPRIGHT (INCL. REF. NO. 55)
10	VMT1409	2	CAPSCREW - 7/8" - 9NC X 7"
11	H8441	1	LOCKMASHER - 7/8" - 7NC X 5"
12	VMT1410	2	NUT - 7/8" - 9NC
13	CT1529	1	LOCKMASHER - 1"
14	VMT1454	6	CAPSCREW - 1/2" - 20NF X 1"
15	VM1454	1	LOCKMASHER - 1/2"
16	424113	4	PIN
17	922212	1	PIN, COTTER - 1/4" X 1 3/4"
18	424143	2	PIN, COTTER - 1/4" X 1 1/2"
19	424164	1	SLEVE, BEARING
20	427420	1	CLAMP, CABLE
21	522205	10	CLAMP, CABLE
22	523563	20	NUT - 1/2" - 13NC
23	CD0296	1	BAR, CLAMP
24	CT1639	1	CAPSCREW - 5/16" - 18NC X 2"
25	661755	5	LOCKMASHER - 5/16"
26	524317	1	SPACER
27	721578	1	SHEAVE
28	922212	4	PIN, COTTER - 1/4" X 1 3/4"
29	VN9877	1	PIN, COTTER - 1/4" X 2 1/2"
30	723386	1	CABLE,
31	723379	4	THIMBLE, CABLE
32	723383	1	SHIELD, ICE
33	R3869	3	CAPSCREW - 5/16" - 18NC X 5/8"
34	E3735	3	MASHER, CUT - 5/16"
35	723385	6	MASHER, CUT - 1"
36	723385	7	PIN, DRILLED
37	CT1553	6	WASHER, CUT - 1"
38	HA0632	1	HOSE, PRESSURE
39	HA0633	1	HOSE, PRESSURE
40	TD4957	2	BOLT, MACHINE (HEAT TREATED)
41	922195	2	NUT, SLOTTED - 1" - 8NC
42	922195	2	PIN, COTTER - 3/16" X 1 3/4"
43	726911	1	CYLINDER, HYDRAULIC (OUTSIDE) (SEE INDEX)
44	727239	1	CABLE
45	727240	1	CABLE (WITH SLEEVE)
46	729720	1	CAP
47	D3994	1	CAPSCREW - 1/2" - 20NF X 3/4"
48	729721	1	CYLINDER, HYDRAULIC (INSIDE) (SEE INDEX)
49	4P0567	3	FITTING, LUB
50	4P0568	2	FITTING, LUB
51	407419	2	SLIDE (INCL. REF. NO. 52)
52	427857	1	STUD (PART OF REF. NO. 51)

UPRIGHT ATTACHING PARTS

FIG. 5656

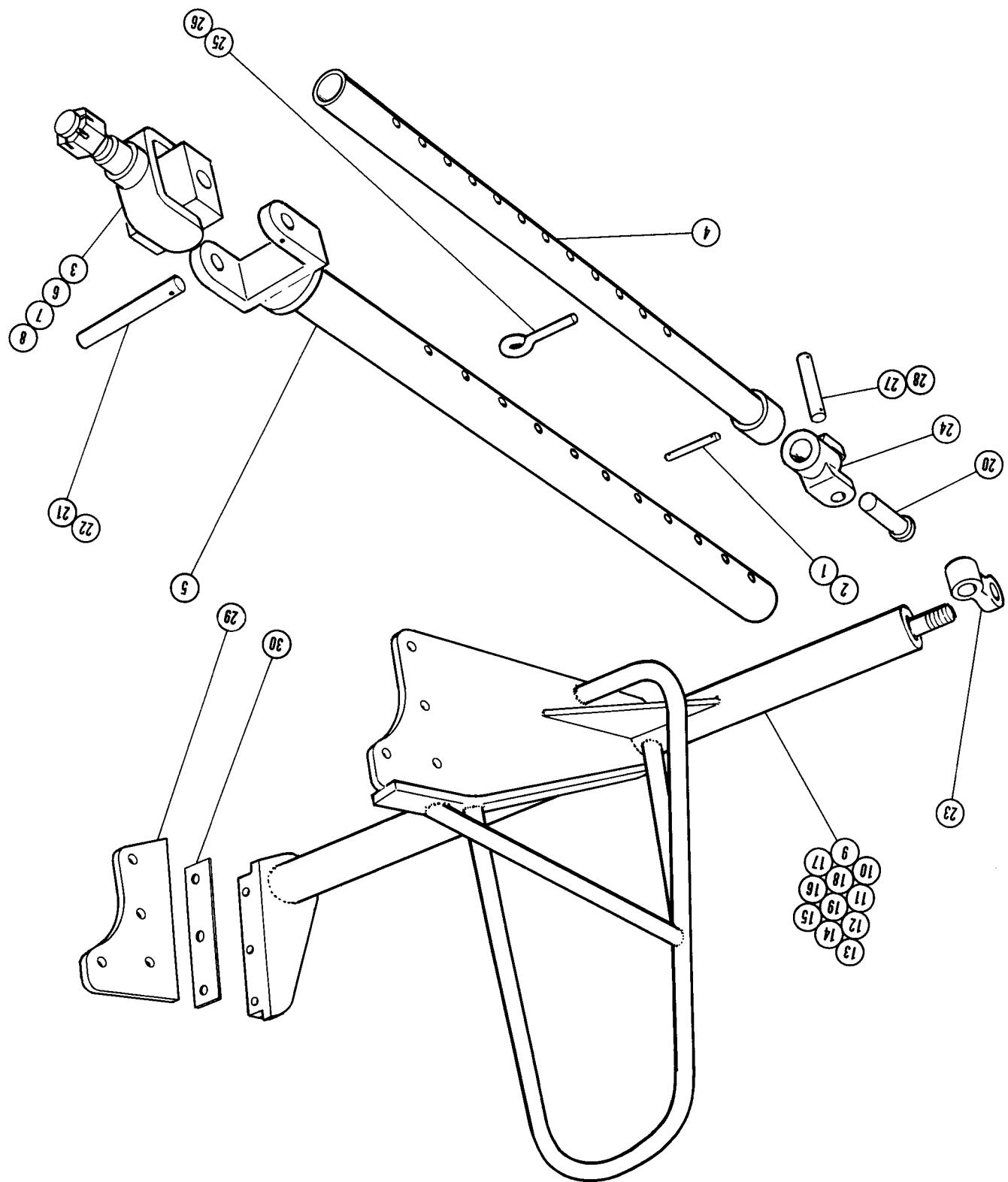


Ref.	Part No.	Qty.	Description
1	729698	2	BRACE
2	C1669	2	CAPSCREW - 1" - 8NC X 3 1/2"
3	TG7981	2	MASHER, CUT - 1"
4	VM1410	4	LOCKMASHER - 1"
5	C1531	2	NUT - 1" - 8NC
6	729692	1	ROD, L.H. STAY
7	H8441	1	CAPSCREW - 1" - 8NC X 5"
8	5P0174	2	TURNBUCKLE
9	VL2590	2	NUT, JAM - 1 1/2" - 6NC
10	722462	1	ROD, R.H. STAY
11	VM1456	1	CAPSCREW - 1" - 8NC X 9"
12	729789	1	ROD, R.H. STAY
13	428655	1	ROD, L.H. STAY
14	C1668	1	CAPSCREW - 1" - 8NC X 8"
15	428615	1	BAR
16	VR3815	1	BAR
17	VN4239	1	CAPSCREW - 1" - 8NC X 6 3/4"

FIGURE 5656 UPRIGHT ATTACHING PARTS (NO. 28 S.W.)

DRAWBAR AND TELESCOPE

FIG. 5657

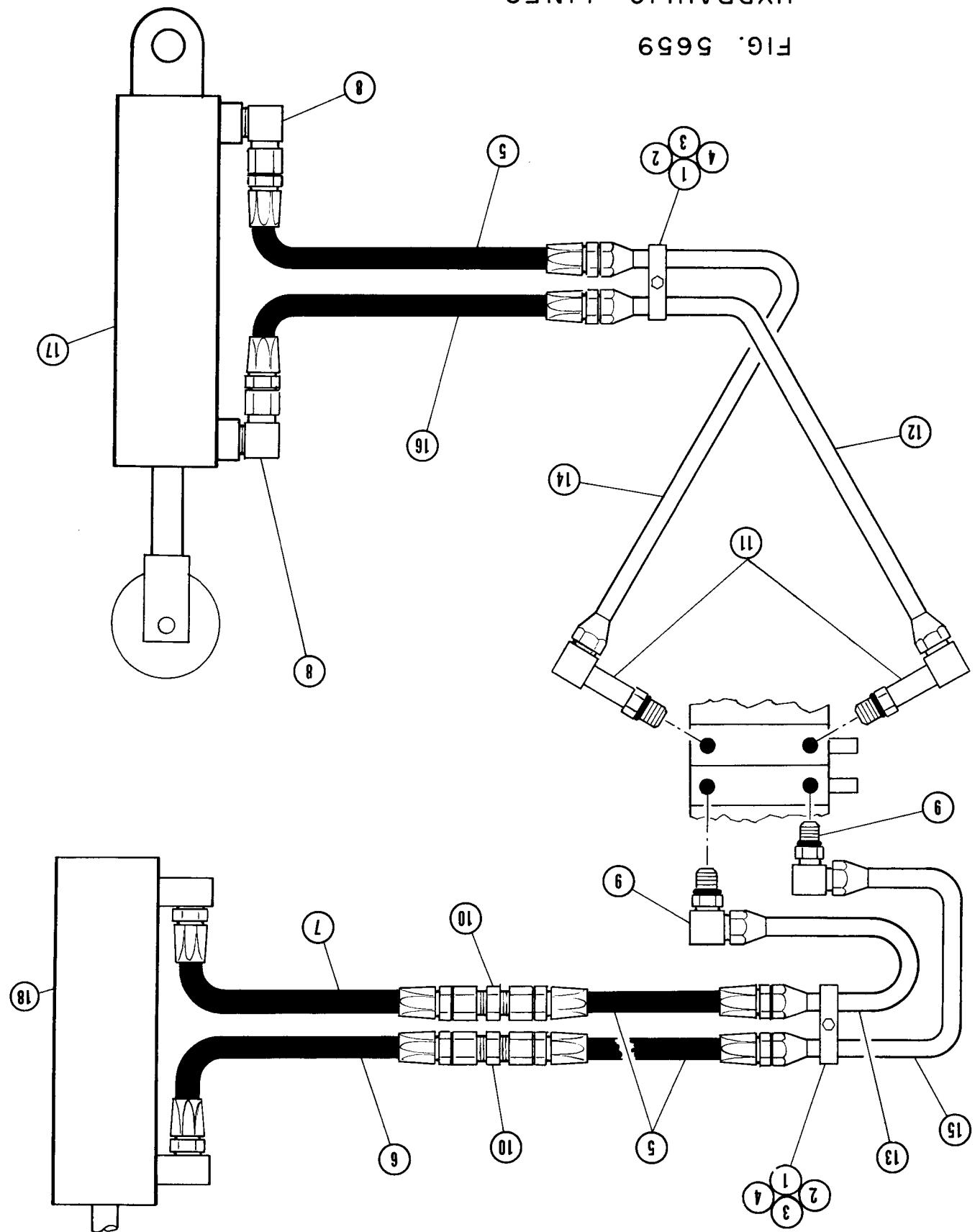


Ref.	No.	Part No.	Qty.	Description
1	320501	1	1	PIN, DRILLED
2	C2303	2	2	PIN, COTTER - 1/8" X 1"
3	350773	1	1	FITTING, LUB
4	402063	1	1	TELESCOPE, INSIDE
5	402064	1	1	TELESCOPE, OUTSIDE
6	402066	1	1	JOINT, UNIVERSAL
7	VMO304	1	1	NUT, SLOTTED - 1 1/2" - 6NC
8	C1557	1	1	PIN, COTTER - 3/8" X 2 1/2"
9	407496	1	1	DRAWBAR, WING (INCL. PIPE GUARD)
10	C1527	8	8	NUT - 3/4" - TONG
11	C1649	8	8	CAPSCREW - 3/4" - TONG X 3 1/4"
12	VM1408	16	16	LOCKWASHER - 3/4"
13	VN9794	1	1	WASHER, CUT - 2"
14	VN1489	1	1	NUT, SLOTTED - 2" - 4 1/2NC
15	VN9885	1	1	PIN, COTTER - 3/8" X 4"
16	921089	3	3	BOLT, MACHINE - 7/8" - 9NC X 4"
17	TR6473	6	6	WASHER, CUT - 7/8" SAE
18	VM1409	6	6	LOCKWASHER - 7/8"
19	C1529	3	3	NUT - 7/8" - 9NC
20	427725	1	1	PIN, SWIVEL
21	427736	1	1	PIN, SWIVEL
22	VN9877	1	1	PIN, COTTER - 1/4" X 2 1/2"
23	661799	1	1	EYE
24	681501	1	1	YOKER, TONGUE
25	PP0846	1	1	PIN, TELESCOPE PIPE
26	922192	1	1	PIN, COTTER - 3/16" X 1 1/4"
27	5P0883	1	1	PIN, DRILLED
28	922214	2	2	PIN, COTTER - 1/4" X 2 1/4"
29	407493	1	1	PLATE, L.H. SIDE (FRONT)
30	729712	4	4	SHIM

FIGURE 5657 DRAWBAR AND TELESCOPE (NO. 28 S.W.)

HYDRAULIC LINES

FIG. 5659



Ref.	Part No.	Qty.	Description
1	720415	2	BASE, CLAMP
2	720604	2	BASE, CLAMP
3	C1604	2	CAPSCREW - 3/8" - 16NC X 1 1/2"
4	CO312	2	LOCKMASHER - 3/8"
5	HA0279	3	HOSE
6	HA0632	1	HOSE
7	HA0633	1	HOSE
8	TC8490	2	FITTING, TUBE
9	TH7589	2	FITTING, 90° ELBOW
10	VM3936	2	FITTING, TUBE
11	VP3325	4	ELBOW - 90°
12	VR3320	1	TUBE
13	VR3321	1	TUBE
14	VR3322	1	TUBE
15	VR3323	1	TUBE
16	VR3499	1	HOSE
17	726911	1	RAM, WING LIFT (SEE INDEX)
18	729721	1	RAM, LIFT (SEE INDEX)

LIFT RAM - INSIDE (NO. 28 S.W.)

FIG. 5660

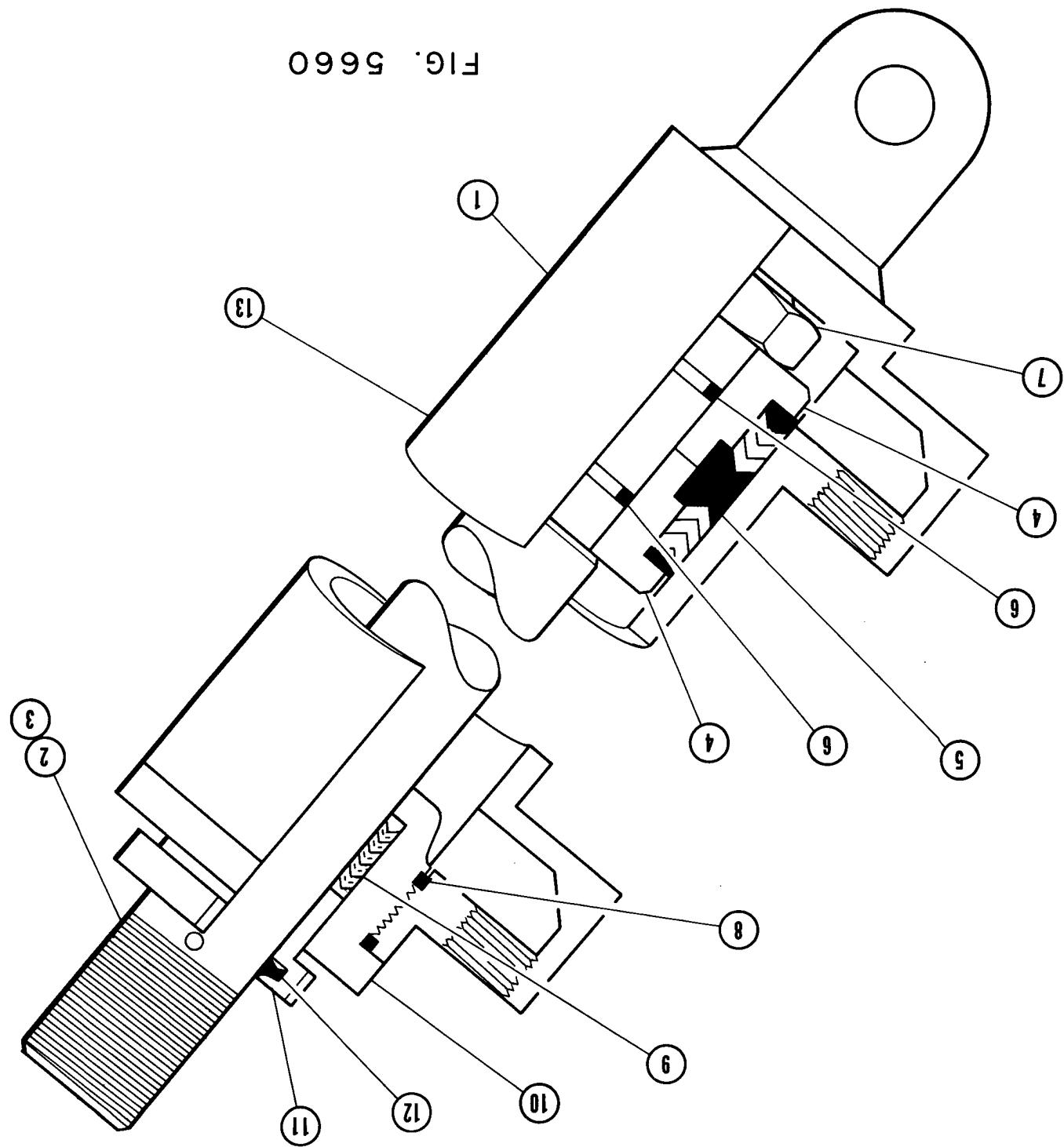


FIGURE 5660

LIFT RAM - INSIDE

Ref. No.	Part No.	Qty.	Description
1	475750	1	TUBE, CYLINDER
2	475751	1	ROD, PISTON
3	E4132	1	PIN, COTTER
4	475752	2	PISTON, HALF
5	475753	1	PACKING, PISTON
6	475754	2	RING, "O"
7	475755	1	NUT, ROD
8	475756	1	RING, "O"
9	475438	1	PACKING (SET)
10	475757	1	BOX, STUFFING
11	475758	1	GLAND, PACKING
12	475447	1	WIPER
13			RAM, LIFT (729721) (HYCO) (INCL. REF. NOS. 1 THRU 12)

LIFT RAM - OUTSIDE (NO. 28 S.W.)

FIGURE 5661

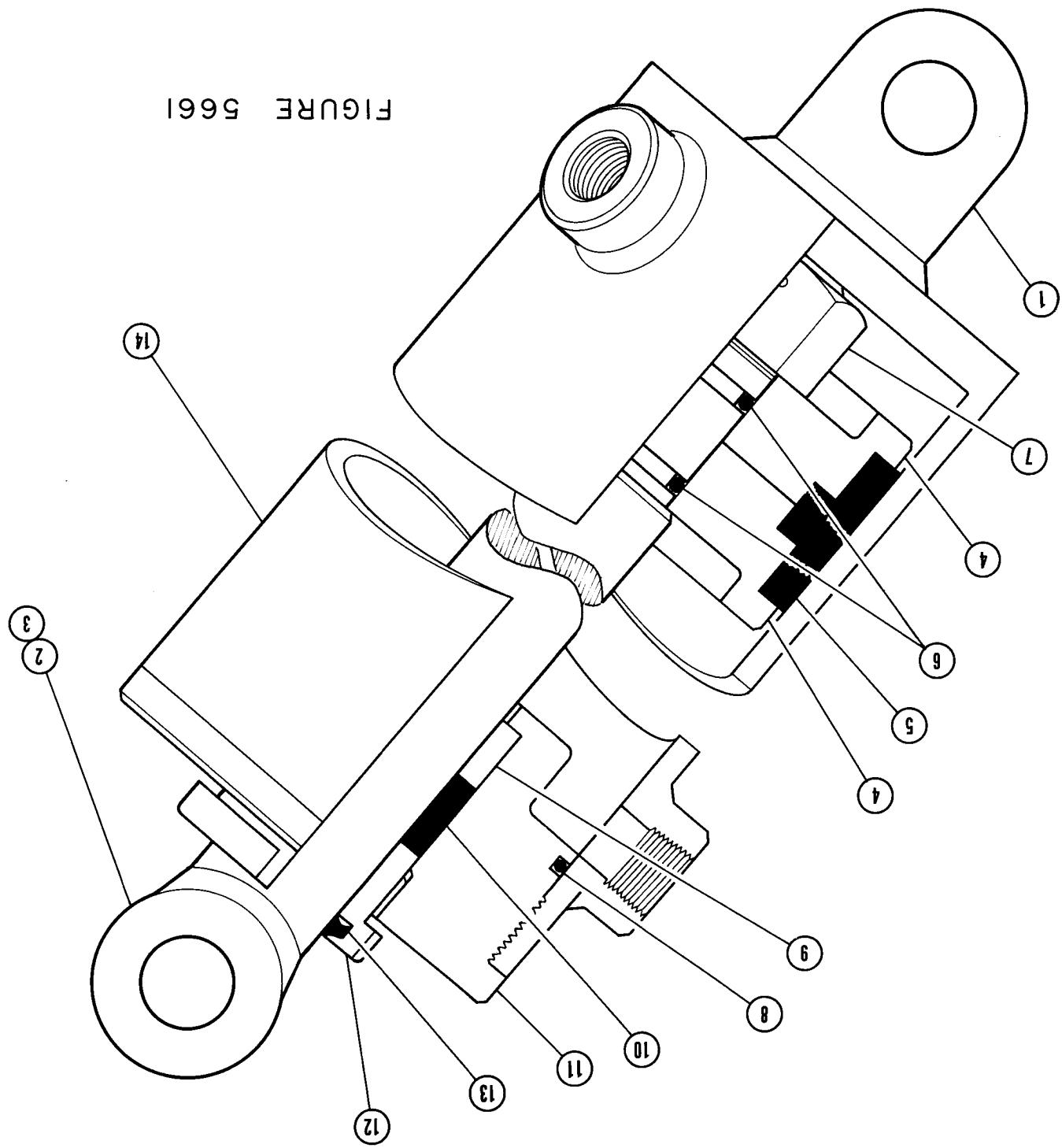


FIGURE 5661

LIFT RAM

Ref. No.	Part No.	Qty.	Description
1	475414	1	TUBE, CYLINDER
2	475416	1	ROD, PISTON
3	D1560	1	PIN, COTTER - 3/16" X 3"
4	475420	2	PISTON, HALE
5	475422	1	PACKING PISTON
6	475425	2	RING, "O"
7	475428	1	NUT, ROD
8	475432	1	RING, "O"
9	475435	1	BUSHING
10	475437	1	PACKING (SET)
11	475440	1	BOX, STUFFING
12	475443	1	GLAND, PACKING
13	475446	1	WIPER
14			RAM, WING LIFT (726911) (INCL. REF. NOS. 1 THRU 13)

PIPING - MAIN POWER CIRCUIT

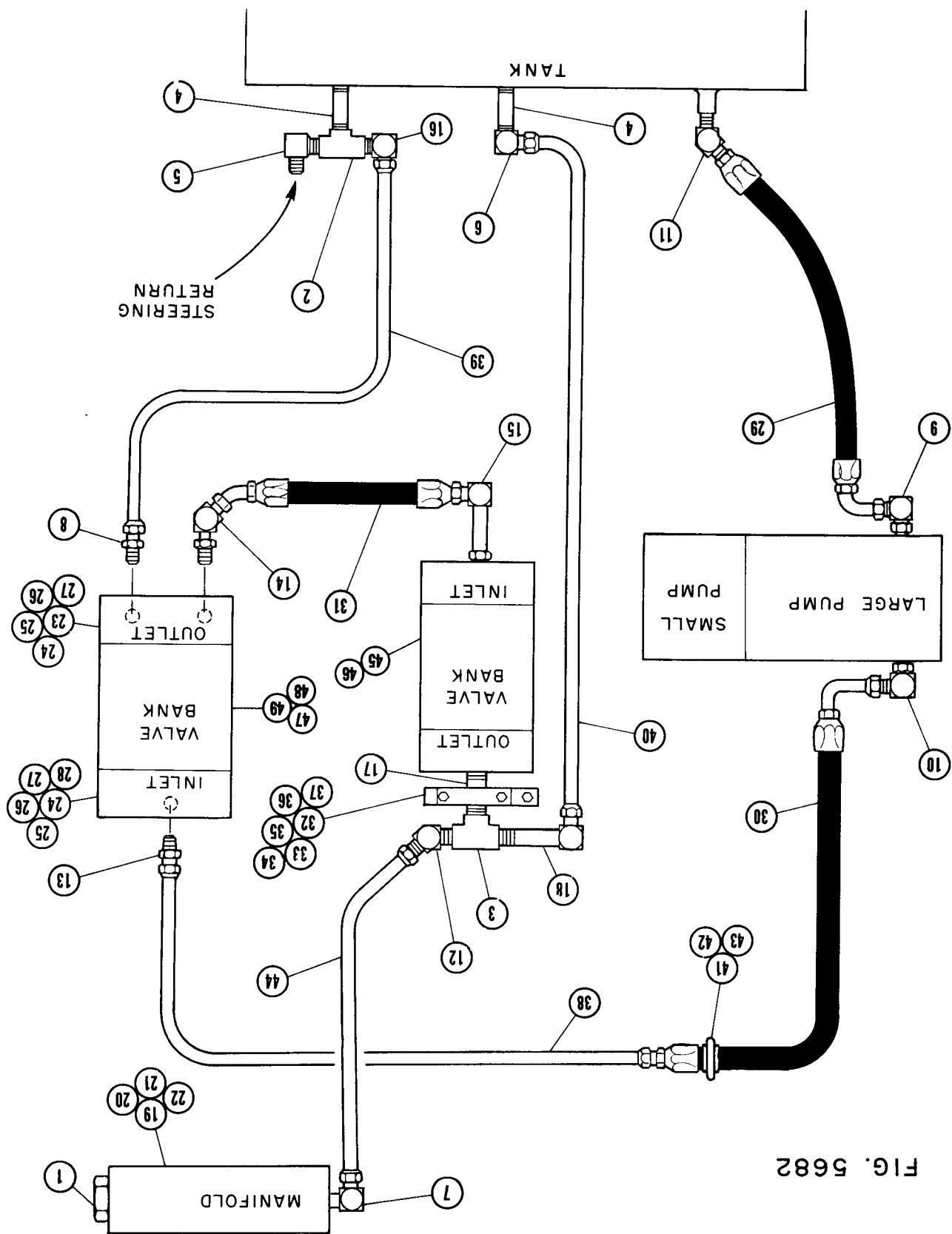


FIG. 5682

FIGURE 5682

PIPING, HYD - MAIN POWER CIRCUIT

Ref. No.	Part No.	Qty.	Description
1	C5770	1	PLUG
2	DL3340	1	TEE (2)/(4)
	TA2991	1	TEE (1)/(3)
3	SD5168	1	TEE
4	SG0524	2	NIPPLE, PIPE
5	TC8490	1	FITTING - 90° ELL
6	TD9741	1	ELBOW (2)/(4)
	VP5952	1	ELBOW (1)/(3)
7	TF4633	1	ELBOW
8	TH7590	1	ADAPTOR
9	VC4571	1	ELBOW
10	VF7264	1	FITTING - 90° ELL (1)/(2)
	VH0579	1	FITTING - 45° ELL (3)/(4)
11	VH0841	1	FITTING - 45° ELL
12	VM1338	1	ELBOW
13	VM3491	1	ADAPTOR (2)/(4)
	VP6038	1	ADAPTOR (1)/(3)
14	VM3979	1	FITTING
15	VP3325	1	FITTING - 90° ELL
16	YP3477	1	ADAPTOR - 90° ELL (2)/(4)
	TC8490	1	ADAPTOR - 90° ELL (1)/(3)
17	VP4198	1	NIPPLE, PIPE
18	VP4558	1	FITTING - 90° ELL
19	VP4790	1	MANIFOLD
20	C1639	2	CAPSCREW - 5/16" - 18NC X 2"
21	CD0296	2	LOCKWASHER - 5/16"
22	C1520	2	NUT - 5/16"
23	VP5125	1	SPACER (2)/(4)
24	C1620	3	CAPSCREW - 1/2" - 13NC X 3"
25	C1549	3	FLATWASHER - 1/2"
26	VM1454	3	LOCKWASHER - 1/2"
27	C1523	3	NUT - 1/2" - 13NC
28	VP5126	1	SPACER (2)/(4)
29	VP5326	1	HOSE (1)/(2)
	VP5325	1	HOSE (3)/(4)
30	VP5329	1	HOSE (1)/(2)
	VP5328	1	HOSE (3)/(4)
31	VP5330	1	HOSE (2)/(4)
	VG3772	1	HOSE (1)/(3)
32	VP6311	1	BRACKET
33	R6402	1	CAPSCREW - 3/8" - 16NC X 1 1/2"
34	CC8396	1	CAPSCREW - 3/8" - 16NC X 2 3/4"
35	VM1405	6	LOCKWASHER - 3/8"
36	VP6312	1	CLAMP
37	C1601	2	CAPSCREW - 3/8" - 16NC X 3/4"
38	VR2793	1	TUBE ASSY (2)/(4)
	YR3274	1	TUBE ASSY (1)/(3)
39	VR2794	1	TUBE ASSY (2)/(4)
	VR3254	1	TUBE ASSY (1)/(3)
40	VR2796	1	TUBE ASSY
41	VR3012	1	"U" BOLT (2)/(4)
	VP3090	1	"U" BOLT (1)/(3)
42	VM1404	2	LOCKWASHER - 1/4"
43	C5780	2	NUT - 1/4" - 20NC
44	VR3296	1	TUBE ASSEMBLY
45	VR2888	1	VALVE (SEE INDEX)
46	H8524	3	CAPSCREW - 3/8" - 16NC X 5/8"
47	VR3358	1	VALVE (SEE INDEX) (1)/(3)
	VR2440	1	VALVE (SEE INDEX) (2)/(4)
48	C1053	2	CAPSCREW - 1/2" - 13NC X 6 1/2"
49	C1616	1	CAPSCREW - 1/2" - 13NC X 2"
			NOTE: (1) EFFECTIVE WITH 666B SERIAL NUMBERS 15288 AND LATER 777B SERIAL NUMBERS 3904 AND LATER, EXCEPT 3907 AND 3910. (2) EFFECTIVE PRIOR TO SERIAL NUMBERS IN NOTE #1. (3) EFFECTIVE WITH 666BT SERIAL NUMBERS 6636 & LATER. 777BT SERIAL NUMBERS 6884 AND LATER. (4) EFFECTIVE PRIOR TO SERIAL NUMBERS IN NOTE #3.

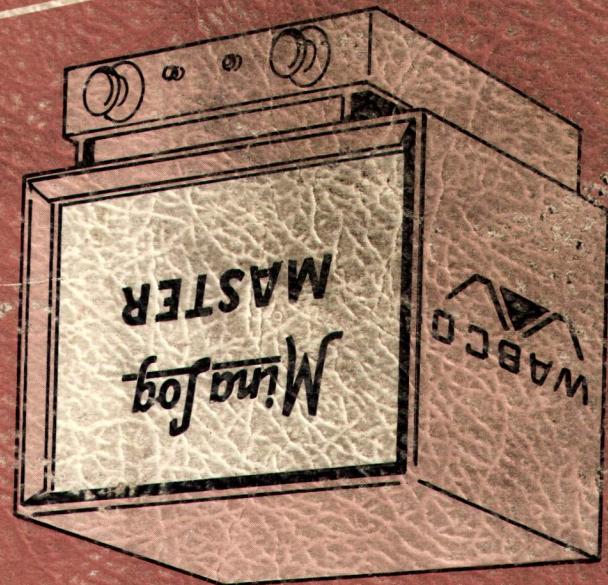
—Notes—

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