



MODEL 350 SCOOPMOBILE

PARTS CATALOG

EFFECTIVE WITH SERIAL NUMBER 431.

**WESTINGHOUSE AIR BRAKE COMPANY
CONSTRUCTION EQUIPMENT DIVISION
2301 N. E. Adams Street, Peoria, Ill. 61601**

HOW TO USE THIS PARTS CATALOG

WABCO/CED parts catalogs are controlled by Serial Number of Motor Graders and Scoopmobiles, 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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NOTE: SEE ENGINE COMPANY PARTS CATALOG FOR ENGINE PARTS NOT SHOWN.

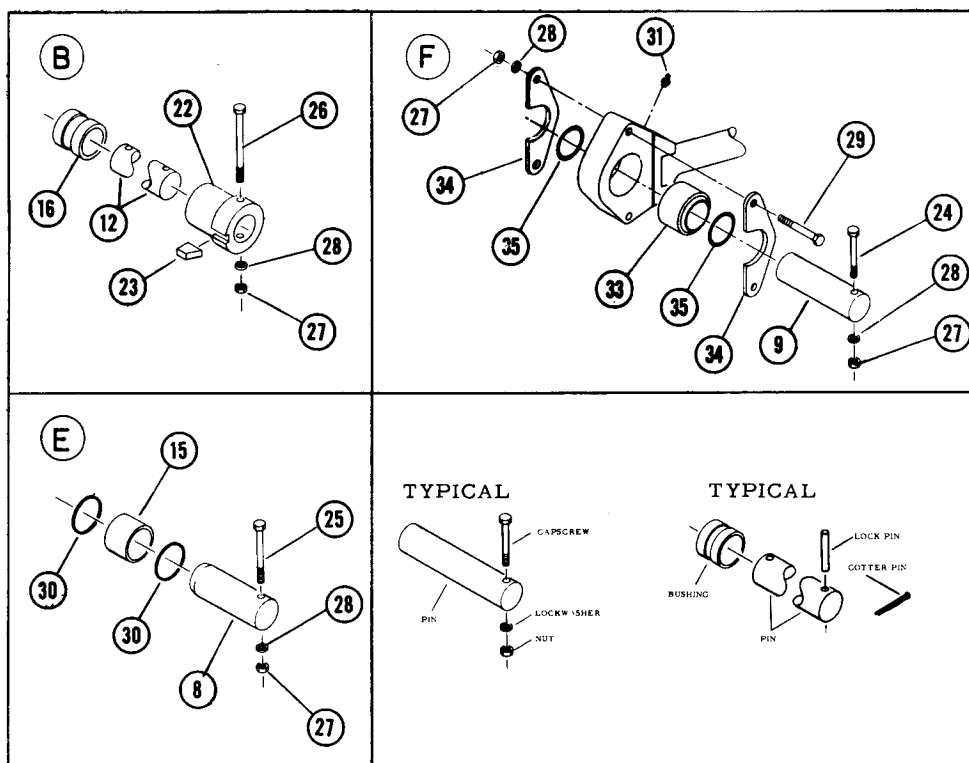
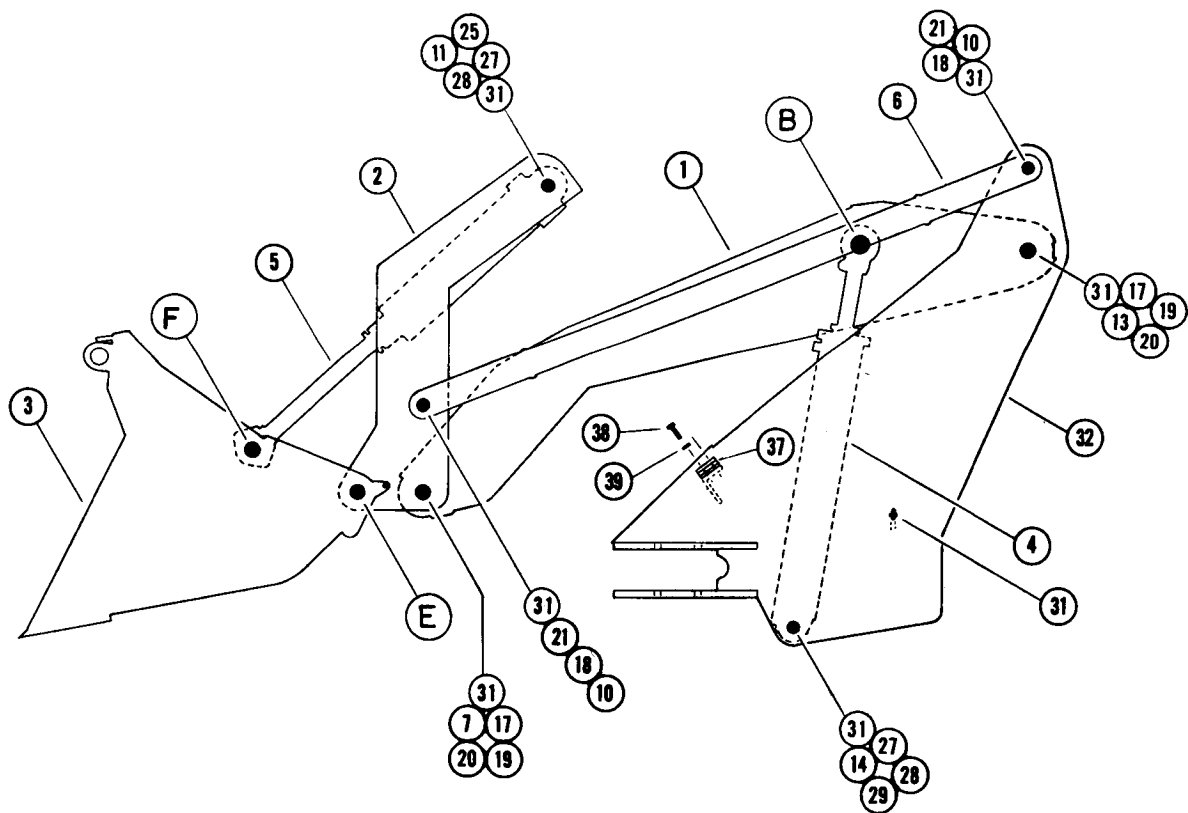


FIG. 4480
MECHANISM, FRONT

FIGURE 4480 MECHANISM, FRONT JG 1403

Ref. No.	Part No.	Qty.	Description
1	JG1474	1	BOOM
2	JG1010	1	CARRIAGE
3			BUCKET
4			CYLINDER, HOIST (See Index)
5			CYLINDER, BUCKET (See Index)
6	JG1008	2	STABILIZER
7	KB 788	1	PIN
8	KA5601	2	PIN
9	KA 697	1	PIN
10	KB7863	4	PIN
11	KA 299	1	PIN
12	KA 747	1	PIN
13	KA4728	1	PIN
14	KA 154	2	PIN
15	KA5592	2	BUSHING
16	300060	2	BUSHING
17	300020	4	BUSHING
18	KB7862	4	BUSHING
19	KA4729	4	PIN, LOCK
20	500751	8	PIN, COTTER - 3/16"
21	502996	8	PIN, ROLL - 1/2"
22	KA8825	2	LOCK
23	KA5586	2	STOP
24	500516	1	CAPSCREW - 1/2"NC
25	500517	3	CAPSCREW - 1/2"NC
26	500520	2	CAPSCREW - 1/2"NC
27	500048	10	NUT - 1/2"NC
28	500935	10	LOCKWASHER - 1/2"
29	500514	4	CAPSCREW - 1/2"NC
30	KA5806	4	SEAL, DUST - "O" RING
31		20	FITTING, LUBE
32	JG1005	1	BOGIE
33	508772	1	BEARING
34	KA1374	2	RETAINER, BEARING
35	508139	2	"O" RING
37	KB3925	3	PAD, BOOM REST
38	500564	4	CAPSCREW - 5/8"NC
39	500937	4	LOCKWASHER - 5/8"

(Effective Thru Serial #456)

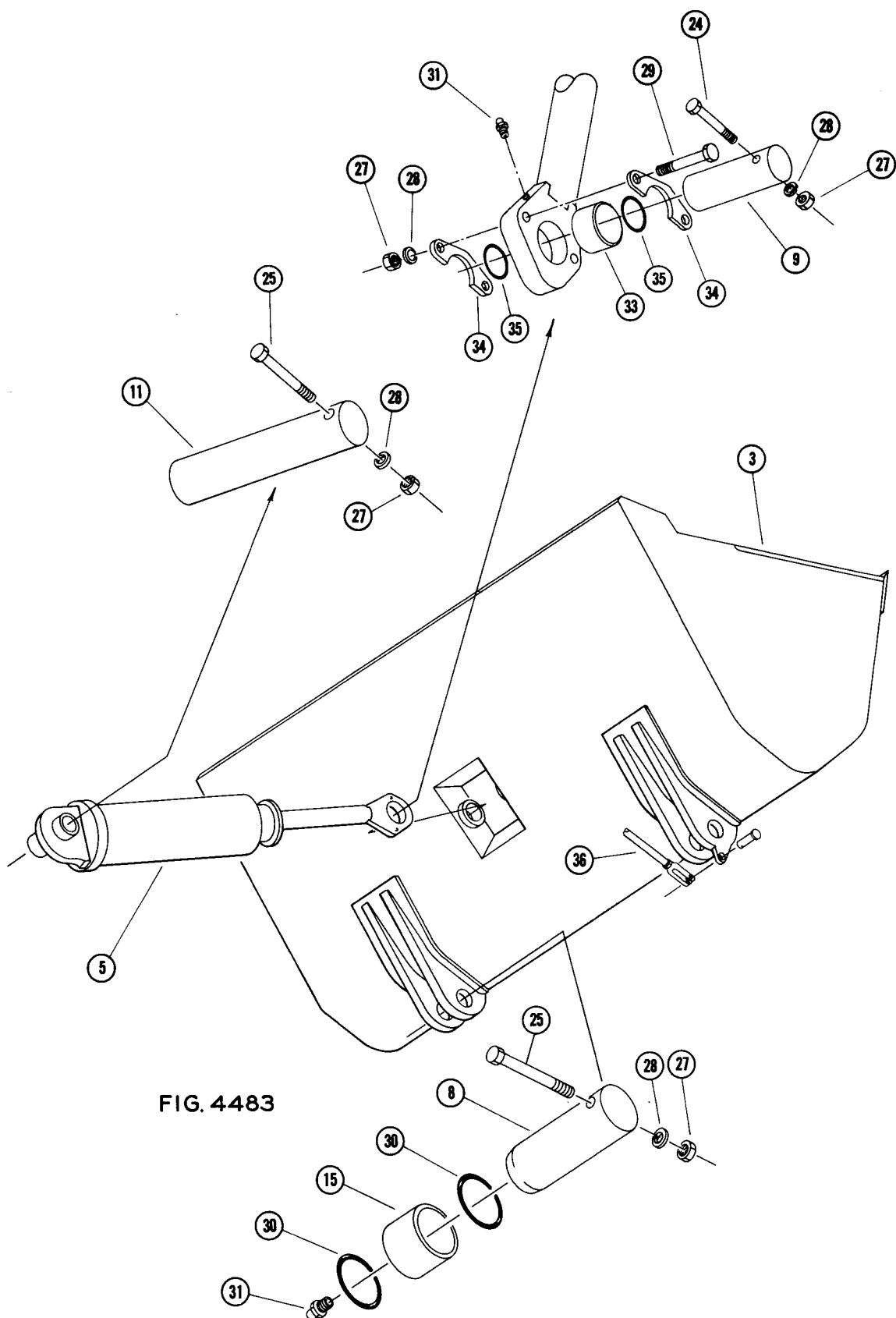


FIG. 4483

BUCKET INSTALLATION

FIGURE 4483

BUCKET INSTALLATION

Ref. No.	Part No.	Qty.	Description
3		1	BUCKET STRUCTURE
5		1	CYLINDER, BUCKET (See Index)
8	KA5601	2	PIN
9	KA 697	1	PIN
11	KA 299	1	PIN
15	KA5598	2	BUSHING
24		1	CAPSCREW - 1/2"NC X 3 3/4"
25		3	CAPSCREW - 1/2"NC X 4"
27		6	NUT - 1/2"NC
28		6	LOCKWASHER - 1/2" SPRING
29		2	CAPSCREW - 1/2"NC X 3 1/4"
30	KA5806	4	SEAL, DUST - "O" RING
31	501269	4	FITTING, GREASE
33	508772	1	BEARING
34	KA1374	2	RETAINER, BEARING
35	508139	2	"O" RING
36		1	INDICATOR, BUCKET ANGLE (See Index)
(Effective With Serial #457)			

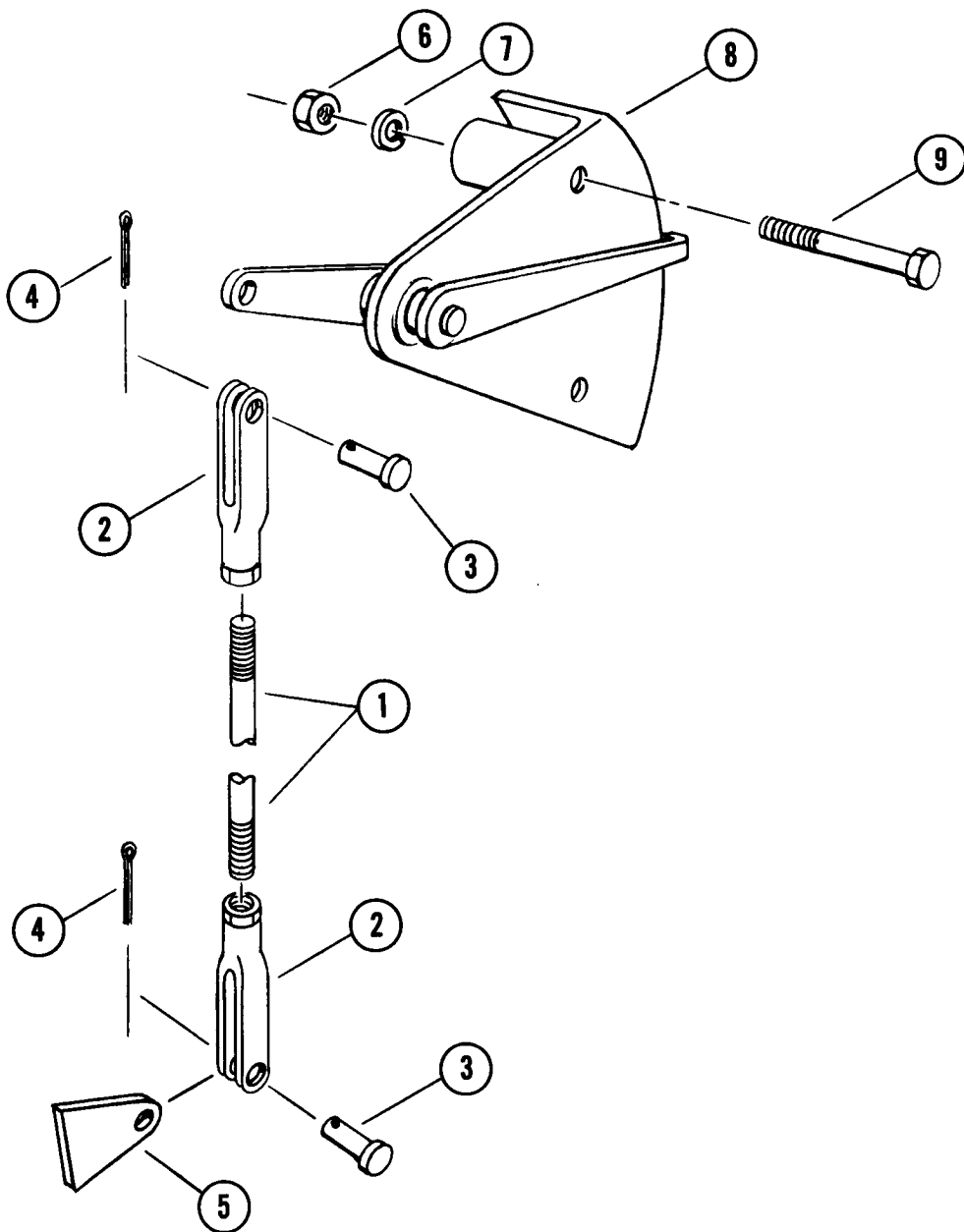


FIG. 4486

INDICATOR, BUCKET ANGLE

FIGURE 4486

INDICATOR , BUCKET ANGLE

Ref. No.	Part No.	Qty.	Description
1	KB5618	1	ROD
2	501220	2	CLEVIS, 1/2" SAE
3	502889	2	PIN, 1/2" CLEVIS
4	500728	2	PIN, COTTER - 1/8" X 1 1/2"
5	KB 854	1	LEVER, WELD-ON
6	500005	3	NUT, 1/2" NF
7	500935	3	LOCKWASHER - 1/2"
8	JG1555	1	INDICATOR
9	500217	3	BOLT, 1/2" X 4"NF

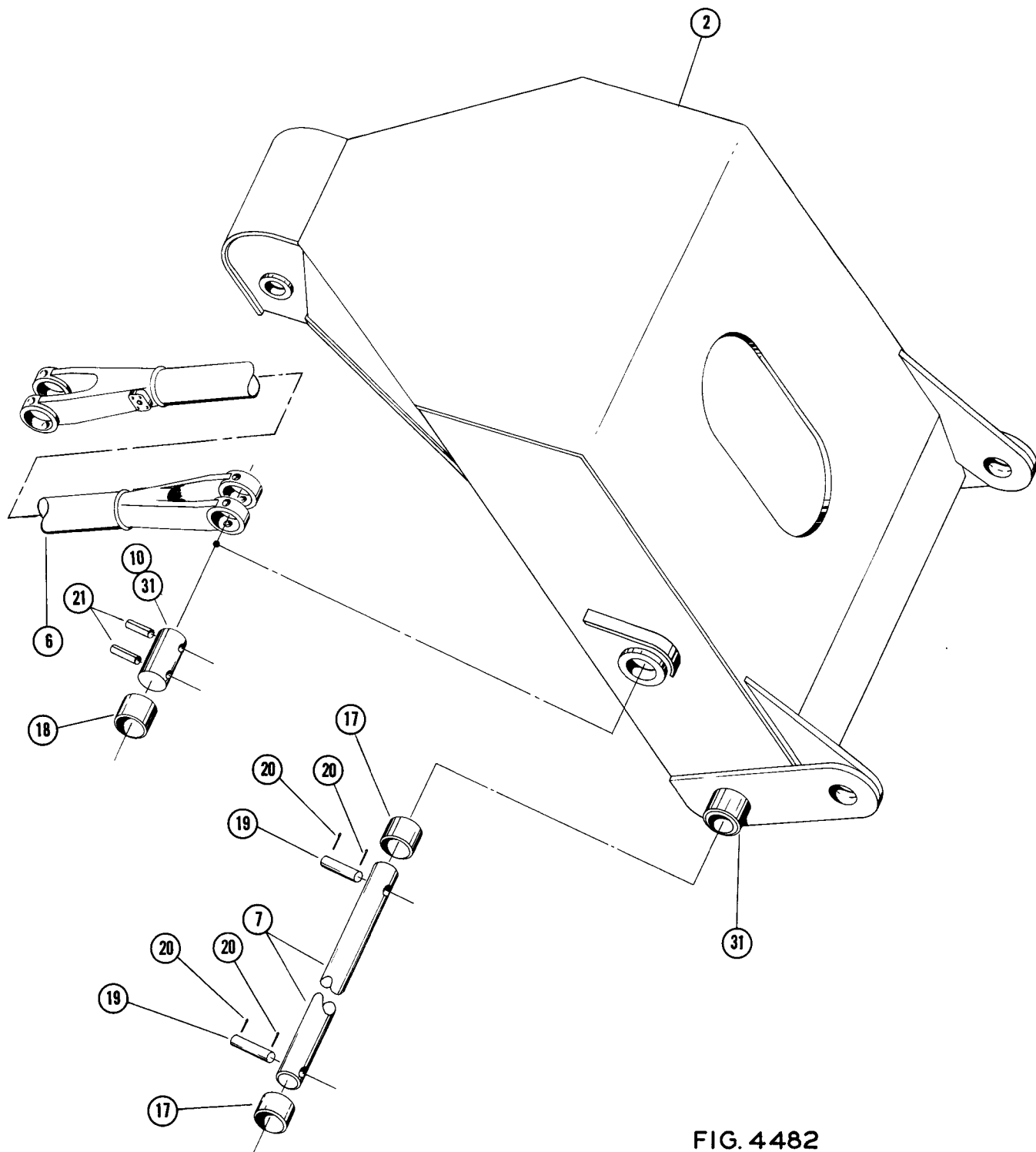


FIG. 4482

CARRIAGE INSTALLATION

FIGURE 4482

CARRIAGE

Ref. No.	Part No.	Qty.	Description
2	JG1010	1	CARRIAGE
6	JG1884	2	STABILIZER
7	KB 788	1	PIN
10	KB8569	4	PIN
17	300020	2	BUSHING
18	KB8568	4	BUSHING
19	KA4729	2	RETAINER, PIN
20		4	PIN, COTTER - 3/16" X 2 1/2"
21	502996	8	PIN, ROLL - 1/2" X 4"
31	501269	6	FITTING, GREASE
(Effective With Serial #457)			

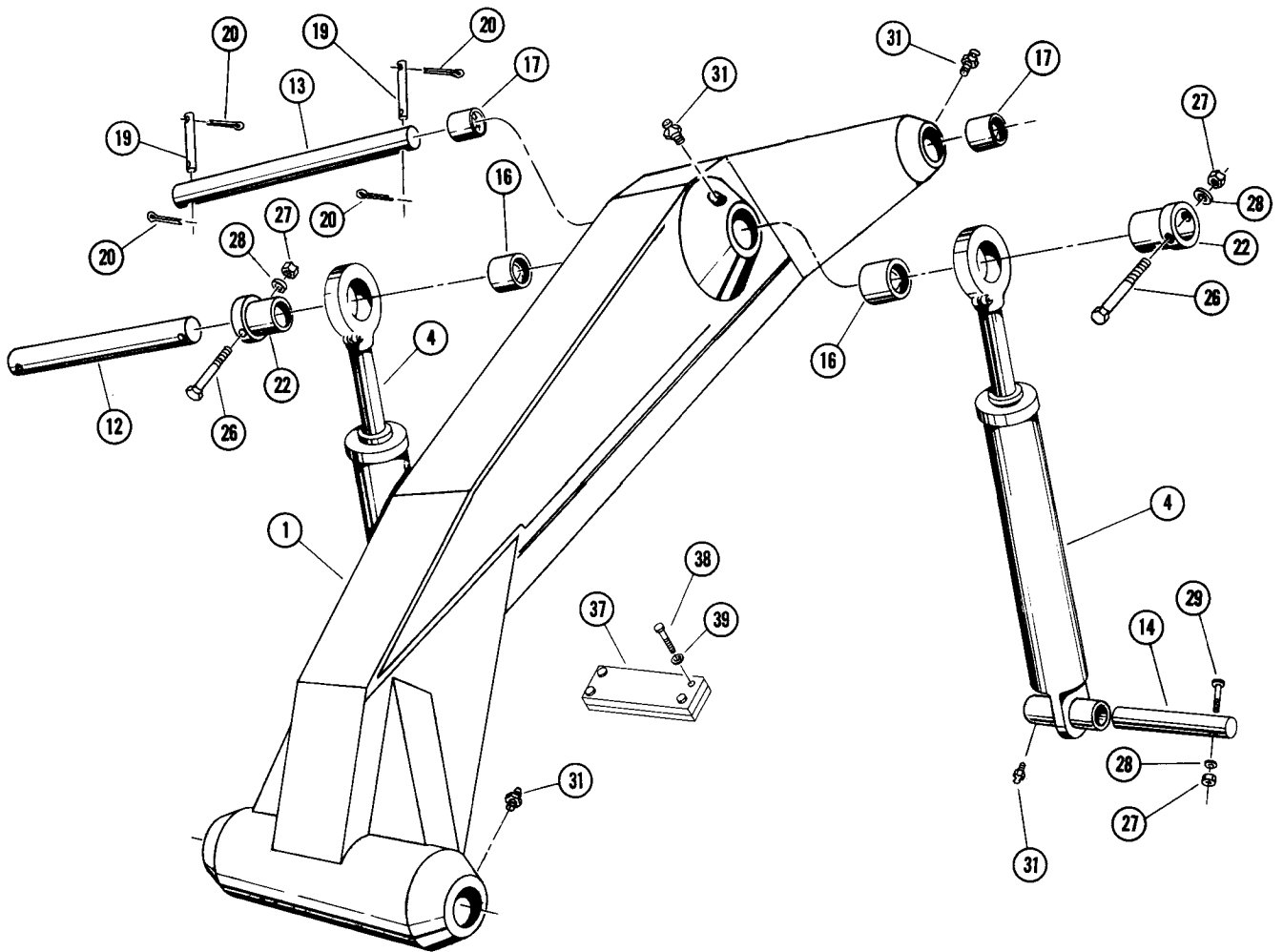


FIG. 448I

BOOM INSTALLATION, HOIST

FIGURE 4481

BOOM, HOIST

Ref. No.	Part No.	Qty.	Description
1	JG1474	1	BOOM, INCLUDES ITEM 16
4		2	CYLINDER, HOIST (See Index)
12	KA0747	1	PIN
13	KA4728	1	PIN
14	KA0154	2	PIN
16	300060	2	BUSHING
17	300020	2	BUSHING
19	KA4729	2	RETAINER, PIN
20		4	PIN, COTTER - 3/16" X 2 1/2"
22	KA8825	2	LOCK, PIN
23	KA5586	2	STOP, STEM EYE TUBE
26		2	CAPSCREW - 1/2"NC X 5 1/2"
27		4	NUT - 1/2"NC
28		4	LOCKWASHER - 1/2" SPRING
29		2	CAPSCREW - 1/2"NC X 3 1/4"
31	501269	8	FITTING, LUBE
37	KB3925	3	PAD, BOOM REST
38		4	CAPSCREW - 5/8"NC X 2 1/4"
39		4	LOCKWASHER - 5/8" SPRING
(Effective With Serial #457)			

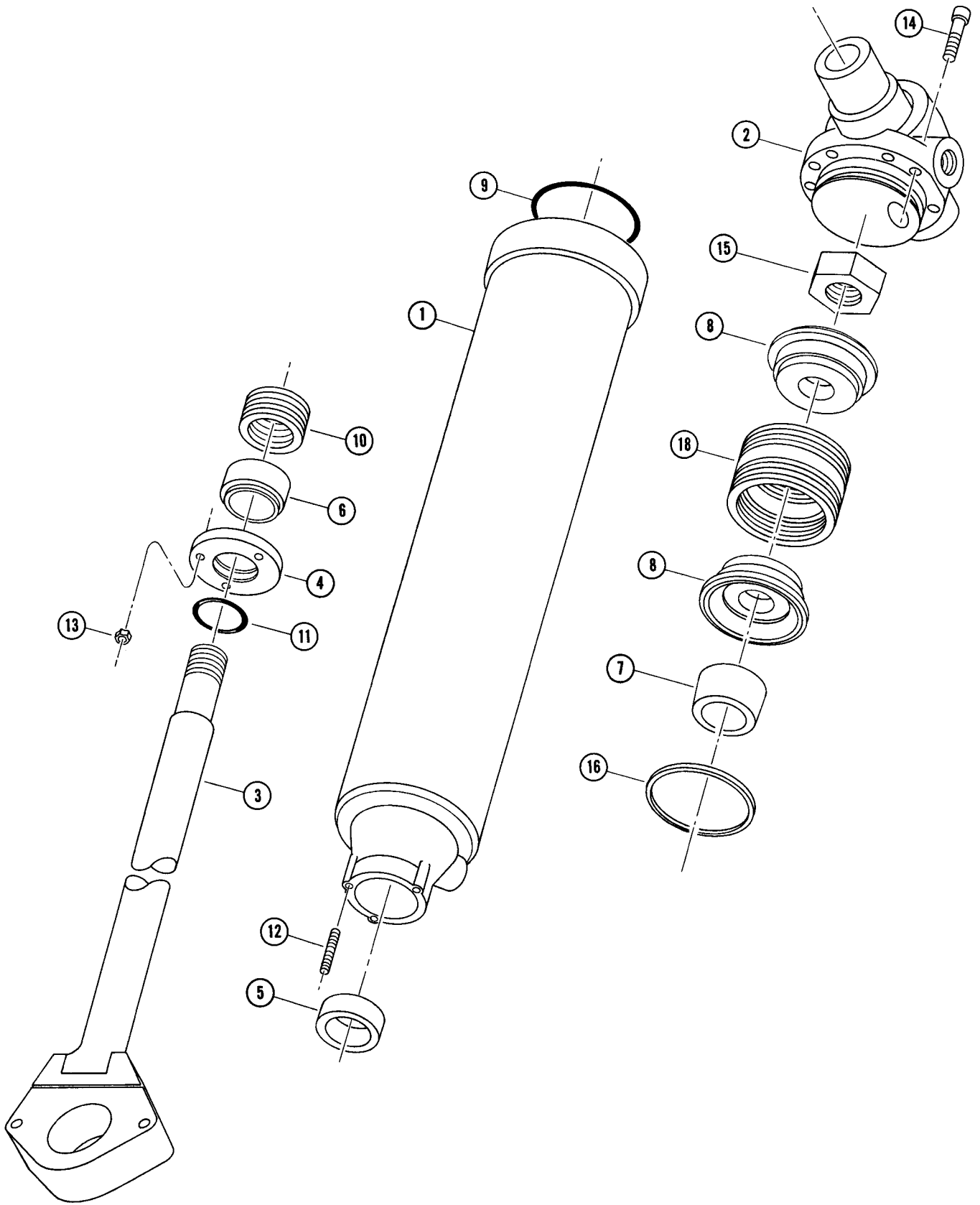


FIG. 4485
CYLINDER, BUCKET

FIGURE 4485

CYLINDER , BUCKET

JG548

Ref. No.	Part No.	Qty.	Description
1	JG 981	1	HOUSING, CYLINDER
2	JG 984	1	BASE CAP & TUBE ASSY
3	KA1842	1	STEM
4	KA1860	1	PLATE, BUSHING RETAINER
5	KB2948	1	BUSHING, STEM - INNER
6	KB2949	1	BUSHING, STEM - OUTER
7	KA1950	1	DAMPENER, CYLINDER
8	KB6495	2	PISTON
9	508280	1	"O" RING
10	507779	1	PACKING, STEM
11	507704	1	WIPER, STEM
12	714218	3	STUD - 7/16"
13	502555	3	NUT - 7/16" ELASTIC STOP
14	503043	9	SOC HD SCREW - 5/8"
15	501331	1	NUT, STEM 2"NF
16	508296	1	RING, BACK-UP
18	KB8624	1	PACKING, PISTON

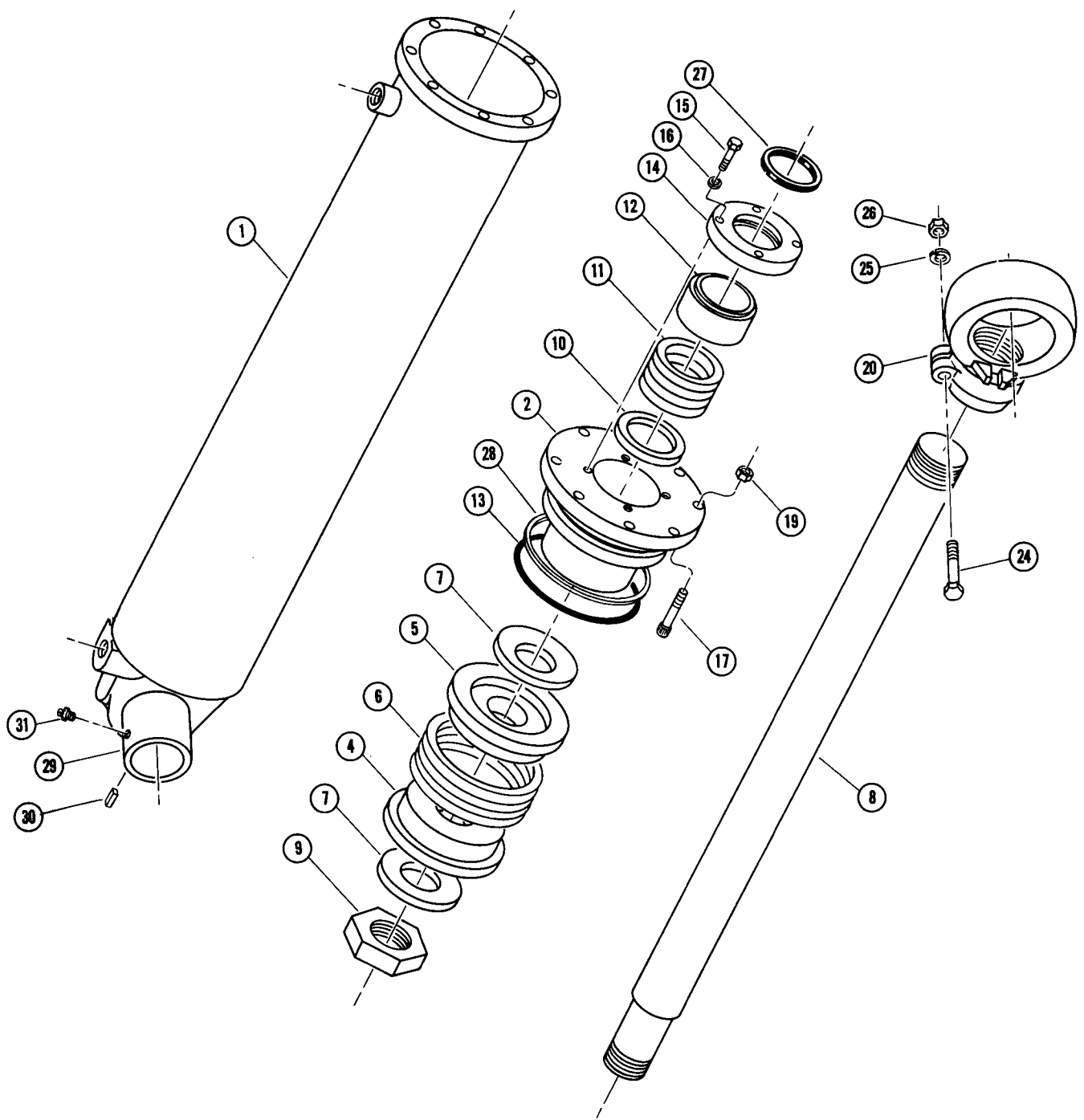


FIG. 4484

CYLINDER, HOIST

FIGURE 4484

CYLINDER , HOIST

KA 2887

Ref. No.	Part No.	Qty.	Description
1	JG 987	1	HOUSING ASSY, INCLUDES ITEMS 29-31
2	KB2947	1	GLAND, PACKING
4	KA2888	1	PLATE, PISTON BACKING
5	KA2889	1	PLATE, PISTON BACKING
6	507760	1	PACKING SET, PISTON
7	KA2890	2	SPACER, PISTON WASHER
8	KA1610	1	STEM
9	502561	1	NUT, STEM
10	KB2948	1	BUSHING, STEM
11	507779	1	PACKING SET
12	KB2949	1	BUSHING, STEM
13	508165	1	"O" RING
14	KA2986	1	GLAND, WIPER RING
15	500435	4	CAPSCREW - 5/16" X 1 1/2"NC
16	500932	4	LOCKWASHER - 5/16"
17	500186	8	CAPSCREW - 7/16" X 2"NF
19	500004	8	NUT - 7/16"NF
20	KA7625	1	EYE, CYLINDER STEM
24	500296	1	CAPSCREW - 3/4 X 4"NF
25	500938	1	LOCKWASHER - 3/4"
26	500008	1	NUT - 3/4"NF
27	507704	1	RING, WIPER
28	508284	1	RING, BACK-UP
29	KA8825	1	TUBE, BASE
30	KA5586	2	LOCK, TUBE
31	501264	2	GREASE FITTING

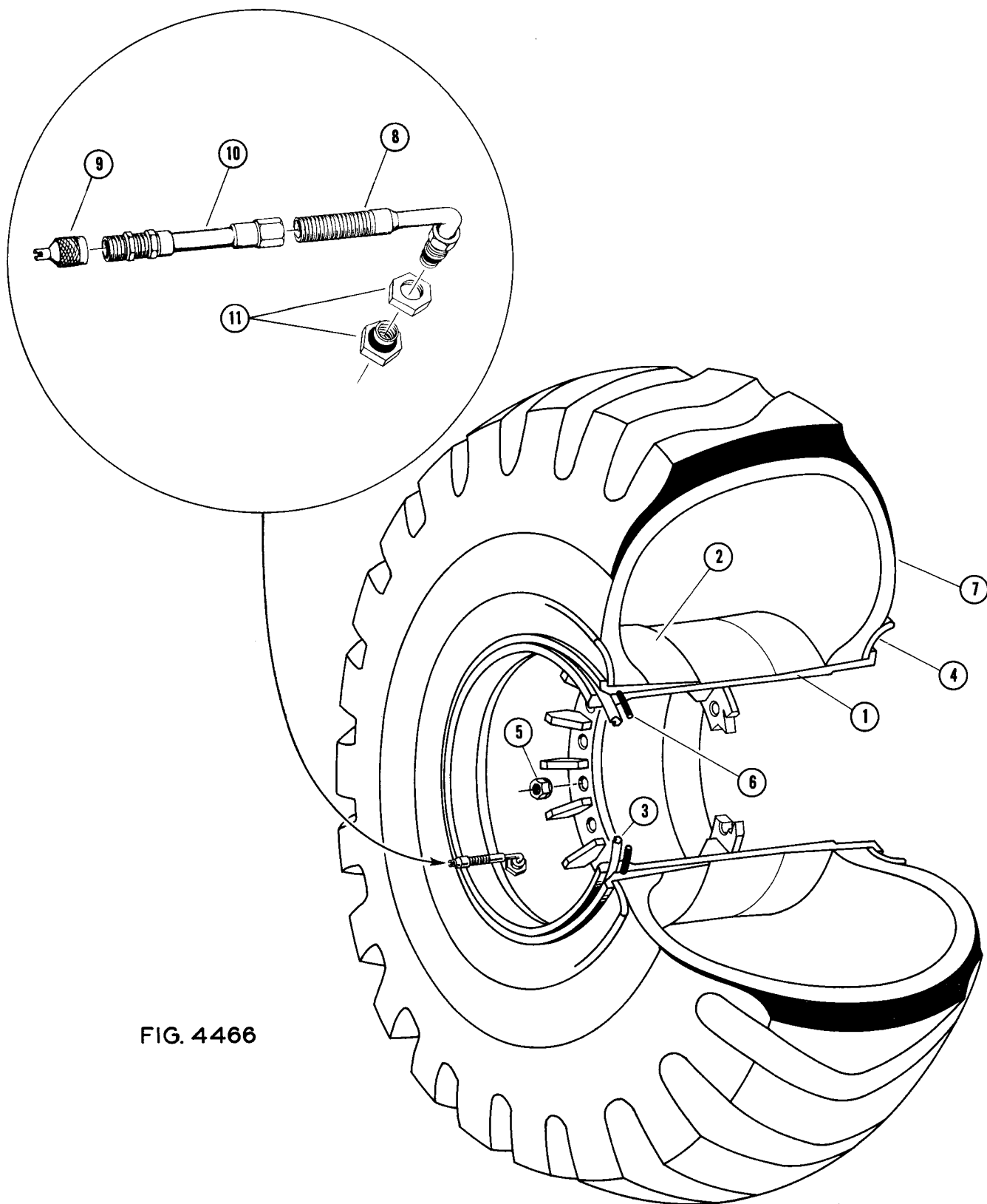


FIG. 4466

WHEEL

FIGURE 4466

WHEEL

Ref. No.	Part No.	Qty.	Description
1	**	2 or 4	WHEEL ASSY, INCLUDES ITEMS 1, 2 & 3
2	*	1	BAND, BEAD SEAT
3	*	1	RING, LOCK
4	*	2	RING, SIDE
5	**	AR	NUT, WHEEL LUG
6	**	AR	"O" RING (Tubeless Only)
7	**	AR	TIRE
7A	**	AR	TUBE, INNER
8	**	AR	VALVE ASSY, INCLUDES ITEM 9
9	**	AR	CAP, VALVE
10	**	AR	EXTENSION, VALVE
11	**	AR	SPUD ASSY (Tubeless Only)
NOTE: *CAUTION: THESE PARTS ARE NOT IN ALL CASES INTERCHANGEABLE. WE MUST HAVE ALL IDENTIFYING DATA APPEARING (STAMPED) ON THESE PARTS WHEN ORDERING ANY WHEEL PARTS. **ALWAYS STATE SCOOPMOBILE MODEL AND SERIAL NUMBER. NOTE: WHEN ORDERING, SPECIFY TUBE OR TUBELESS RIM, FRONT OR REAR WHEEL.			

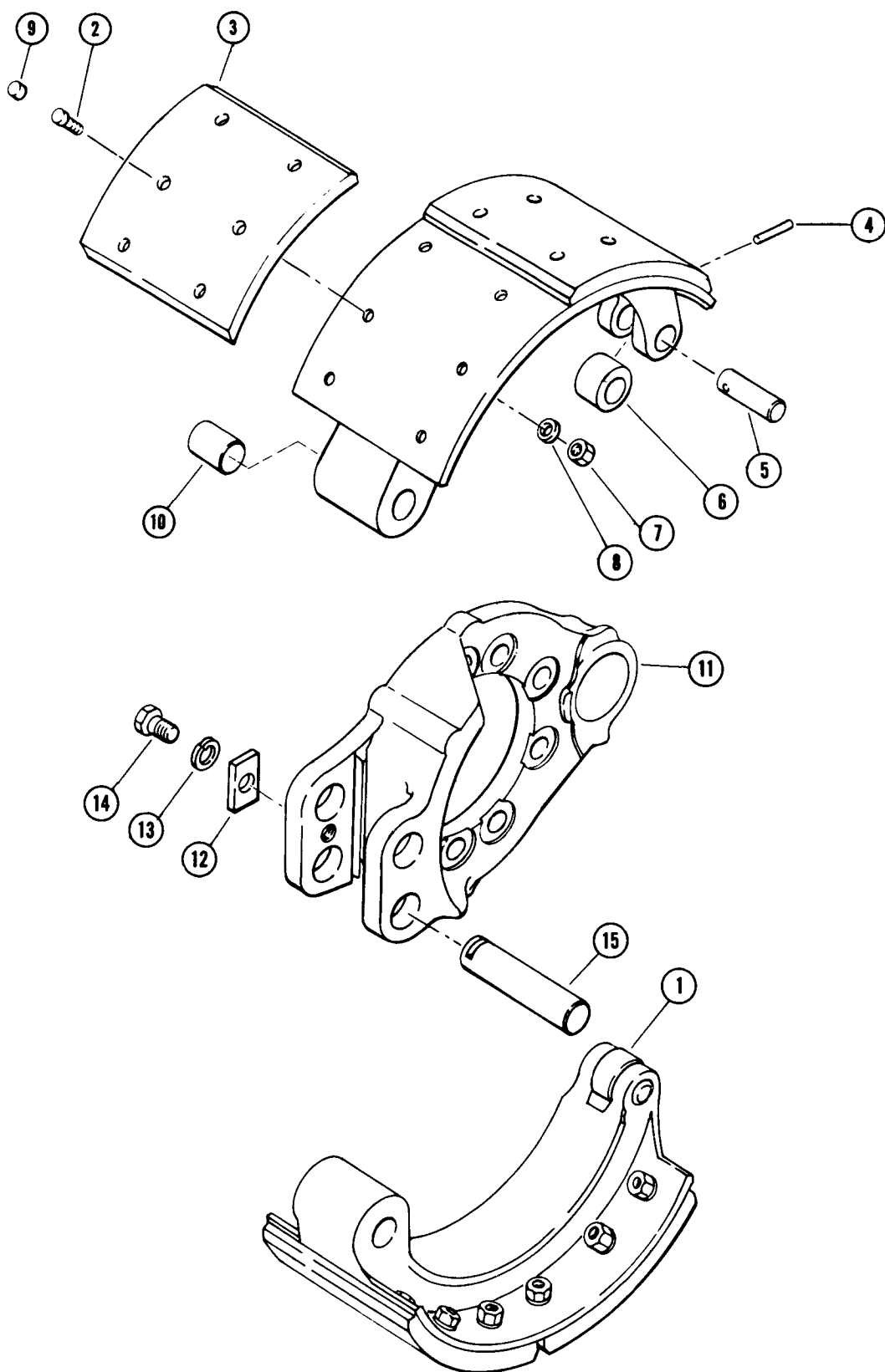


FIG. 4527
BRAKE, WHEEL

FIGURE 4527 BRAKE ASSEMBLY, WHEEL - 117799
107026

Ref. No.	Part No.	Qty.	Description
1	106682	2	SHOE ASSEMBLY, WHEEL BRAKE (1)
	114194	2	SHOE ASSEMBLY, WHEEL BRAKE (2)
2	111439	12	BOLT, LINING TO SHOE
3	107882	2	LINING, BRAKE
4	659648	1	LOCK, CAM ROLLER PIN (1)
	118308	1	LOCK, CAM ROLLER PIN (2)
5	106685	1	PIN, BRAKE CAM ROLLER (1)
	118307	1	PIN, BRAKE CAM ROLLER (2)
6	104067	1	ROLLER, BRAKE CAM
7	2D- 06	12	NUT TO ITEM 2
8	24E-06	12	LOCKWASHER TO ITEM 7
9	113249	12	PLUG, BRAKE LINING
10	106687	1	BUSHING, BRAKE SHOE
11	106681	1	SPIDER, WHEEL BRAKE (1)
	112347	1	SPIDER, WHEEL BRAKE (2)
12	106690	1	LOCK, ANCHOR PIVOT PIN
13	4E- 05	1	LOCKWASHER TO ITEM 14
14	1C512C	1	SCREW, PIN LOCK ATTACHING
15	106689	4	PIN, BRAKE SHOE ANCHOR PIVOT
NS	107027	1	SPRING, BRAKE SHOE RETURN (1)
NS	110125	2	PIN, SHOE RETURN SPRING ANCHOR (1)
NS	16F-04	2	PLUG, PIPE, SHOE ANCHOR PIVOT PIN (1)
NOTE: BRAKE ASSEMBLY IS LISTED IN THE AXLE ASSEMBLY KEYED TO MACHINE SERIAL RANGE. (1) INCLUDED IN 107026 BRAKE ASSEMBLY. (2) INCLUDED IN 117799 BRAKE ASSEMBLY.			

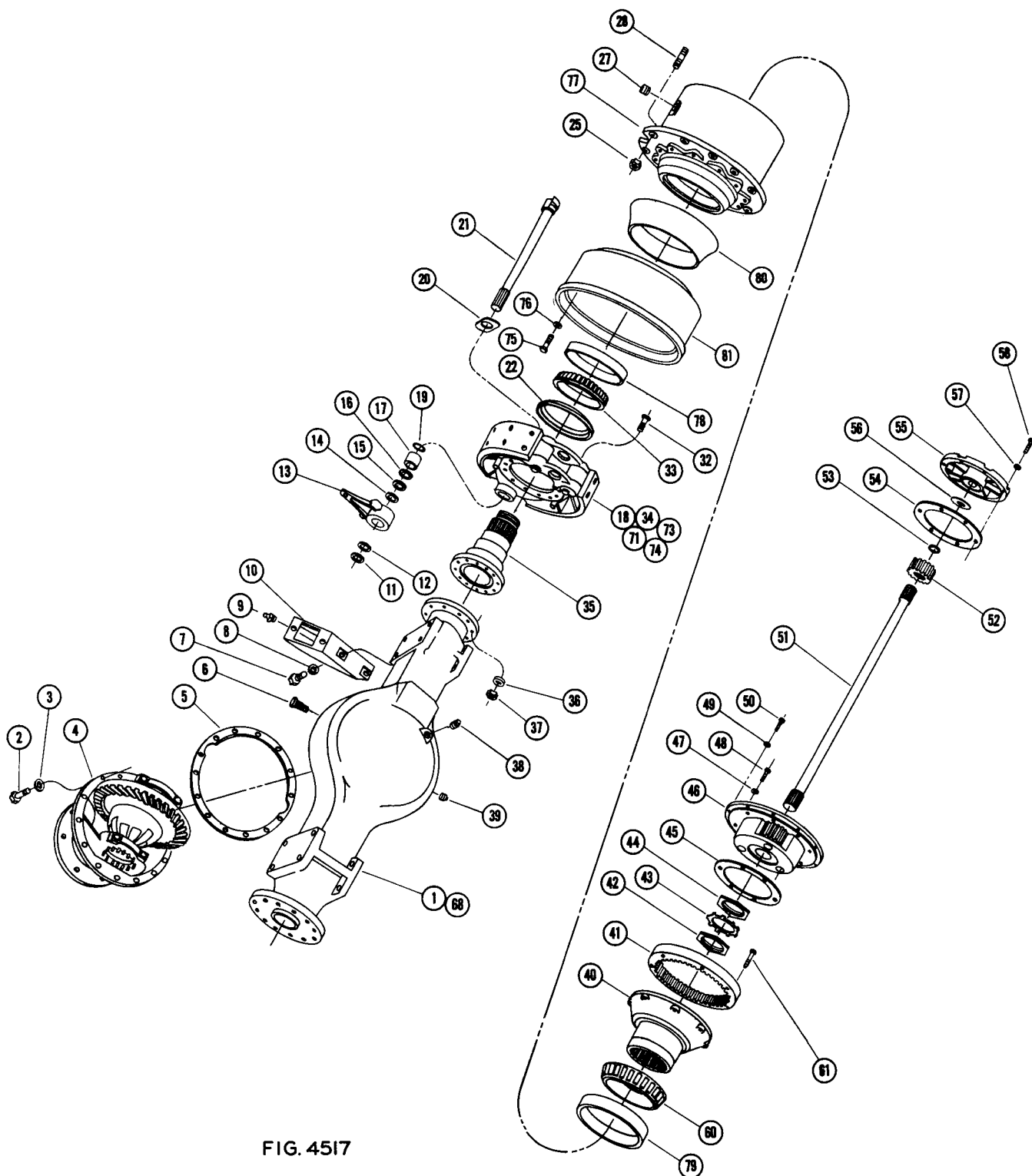


FIG. 4517

AXLE

FIGURE 4517

AXLE ASSEMBLIES (SEE NOTES)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	107004	1	HOUSING, AXLE	36	104412	20	WASHER
2	1C928C	10	CAPSCREW (Short)	37	106998	20	NUT
	1C932C	2	CAPSCREW (Intermediate Length)	38	10F-12	1	PLUG, AXLE HOUSING FILL
	1C940C	2	CAPSCREW (Long)	39	11F-12	1	PLUG, AXLE HOUSING DRAIN
3	4E -09	14	LOCKWASHER	40	110623	2	HUB, INTERNAL GEAR
4	SEE NOTE	1	DIFFERENTIAL & CARRIER ASSEMBLY (See Index)	41	110622	2	GEAR, INTERNAL
5			USE PERMATEx #2 IN PLACE OF GASKET	42	101272	2	NUT, SPINDLE, INNER
6	106656	1	BREATHER ASSEMBLY	43	101274	2	LOCK, SPINDLE NUTS
7	1C1028C	4	BOLT	44	101273	2	NUT, SPINDLE, OUTER
8	4E -10	4	LOCKWASHER	45			USE PERMATEx #2 IN PLACE OF GASKET
9	10H-25	2	FITTING, GREASE	46	106353	2	CARRIER ASSY, PLANET (See Index)
10	110836	2	BRACKET ASSY, AIR CHAMBER (Front Axle)	47	3E- 08	4	LOCKWASHER
	104204	1	BRACKET ASSY, AIR CHAMBER, LEFT HAND (Rear Axle)	48	1C-808C	4	SCREW, PULLER
	104203	1	BRACKET ASSY, AIR CHAMBER, RIGHT HAND (Rear Axle)	49	106762	20	LOCKWASHER
	102182	1	BUSHING, BRACKET/CAMSHAFT	50	100970	20	CAPSCREW
11	659764	2	SNAPRING	51	106234	2	SHAFT, AXLE
12	107010	2	WASHER, RETAINER	52	106232	2	GEAR, SUN
13	107013	2	ADJUSTER, SLACK	53	224023	2	SNAPRING, SUN GEAR
14	659764	2	SNAPRING	54			USE PERMATEx #2 IN PLACE OF GASKET
15	107010	2	WASHER, RETAINER	55	109776	2	CAP ASSEMBLY, SUN GEAR THRUST
16	11E134	2	RETAINER, GREASE	56	106457	1	WASHER, SUN GEAR THRUST
17	107003	2	BUSHING, CAMSHAFT/BRAKE SPIDER	57	4E -07	12	LOCKWASHER
18	14H-15	2	FITTING, GREASE, BRAKE SPIDER	58	1C720C	12	CAPSCREW
19	25K60116	2	"O" RING, CAMSHAFT	60	675261	2	CONE, WHEEL HUB BEARING, OUTER
20	107007	2	WASHER, CAMSHAFT THRUST	61	110624	16	SCREW, INTERNAL GEAR
21	107006	1	CAMSHAFT, BRAKE	68	12F204	1	PLUG, AXLE HOUSING EXPANSION (Not Shown)
	107005	1	CAMSHAFT, BRAKE (Not Shown - Opposite Rotation)	71	109947	2	COVER, BRAKE DUST (Not Shown)
22	106973	2	SEAL, WHEEL HUB OIL	73	106710	2	COVER, BRAKE DUST (Not Shown)
25	103076	20	NUT, WHEEL STUD	74	1C612C	12	SCREW, BRAKE DUST COVER (Not Shown)
27	11F-12	2	PLUG, PLANETARY FILL & DRAIN	75	4E -06	12	LOCKWASHER TO ITEM 73
28	103445	20	STUD, WHEEL MOUNT	76	107001	2	HUB & DRUM ASSEMBLY, WHEEL
32	106736	16	BOLT, BRAKE & SPINDLE ATTACHING	77	107256	12	BOLT, BRAKE DRUM ATTACHING
	106737	4	SCREW, BRAKE ATTACHING	78	104412	12	WASHER TO ITEM 75
33	672005	2	CONE, WHEEL HUB BEARING, INNER	79	107252	1	HUB & CUP ASSEMBLY, WHEEL
34	107026	2	BRAKE ASSY, WHEEL (See Index)	80	672004	1	CUP, WHEEL HUB BRG, INNER
35	106741	2	SPINDLE	81	668553	1	CUP, WHEEL HUB BRG, OUTER
					106221	1	CATCHER, BRAKE DRUM OIL
					107002	1	DRUM, BRAKE

NOTE: PART NUMBERS ARE CLARK EQUIPMENT CO. NOS., THEY ARE NOT WABCO.

NOTE: THE 131443 FRONT AXLE ASSEMBLY, WHICH USED THE 114157 DIFFERENTIAL & CARRIER ASSEMBLY IS EFFECTIVE WITH MACHINE SERIAL NOS. 431, 435, 437 AND 447.

THE 131441 REAR AXLE ASSEMBLY, WHICH USED THE 114552 DIFFERENTIAL & CARRIER ASSEMBLY, IS EFFECTIVE WITH MACHINE SERIAL NOS. 431, 435, 436 AND 440.

(Quantities Listed Are Per Axle Assembly or Sub-Assembly)

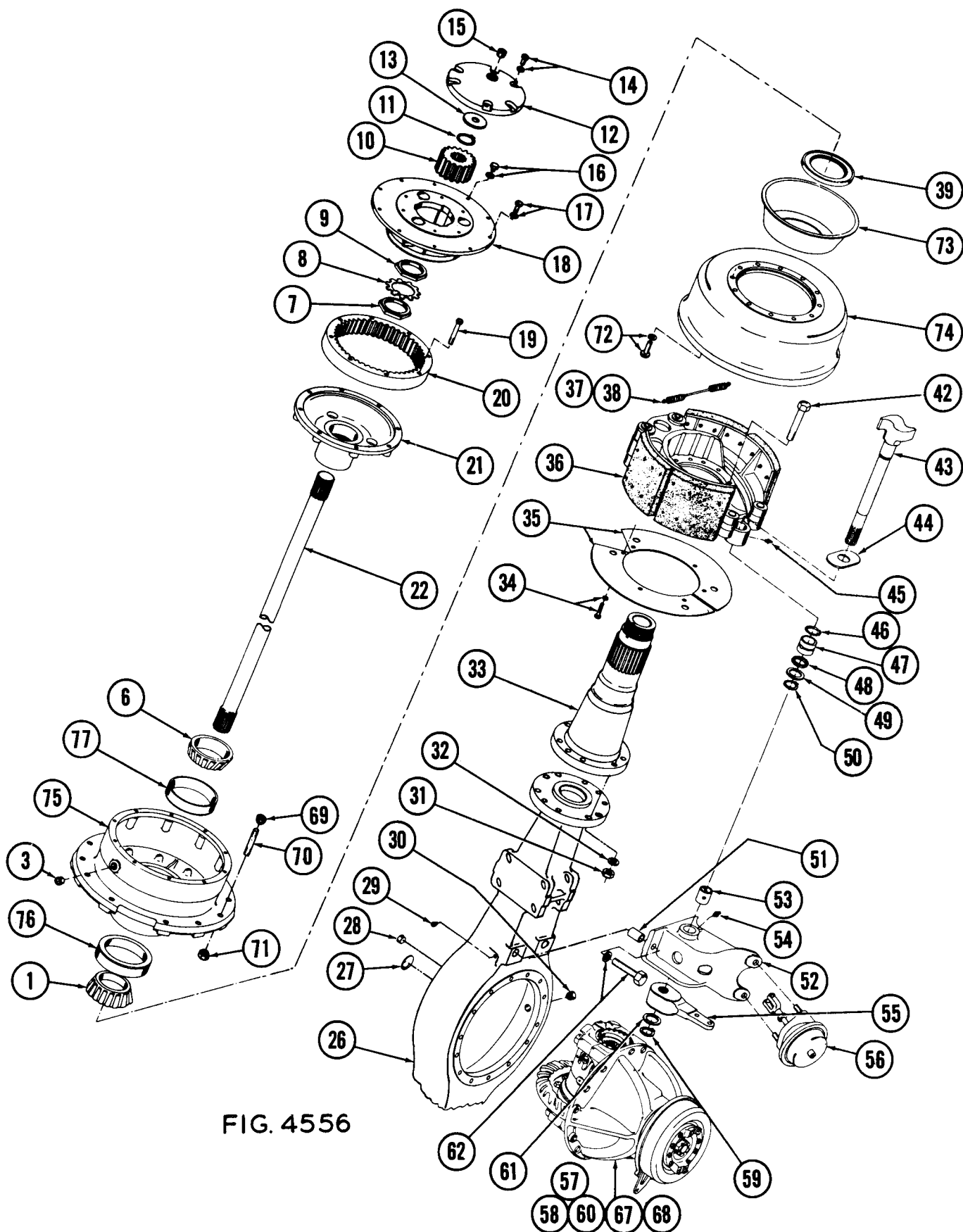


FIG. 4556

AXLE ASSEMBLY

FIGURE 4556

AXLE ASSEMBLIES

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	774025	2	CONE, HUB BEARING, INNER	43	107005	1	CAMSHAFT, BRAKE
3	11F-12	2	PLUG, PLANETARY FILL & DRAIN		107006	1	CAMSHAFT, BRAKE (Not Shown - Opposite Rotation)
6	742263	2	CONE, HUB BEARING, OUTER	44	107007	2	WASHER, CAMSHAFT THRUST
7	110559	2	NUT, SPINDLE	45	14H-15	2	FITTING, GREASE, BRAKE SPIDER
8	118786	2	LOCK, SPINDLE NUTS	46	25K-60116	2	"O" RING, BRAKE CAMSHAFT
9	110559	2	NUT, SPINDLE	47	107003	2	BUSHING, BRAKE SPIDER/CAMSHAFT
10	106232	2	GEAR, SUN	48	11E-134	2	RETAINER, GREASE
11	224023	2	RING, SUN GEAR RETAINING	49	107010	2	WASHER, GREASE
12	109776	2	CAP ASSEMBLY, SUN GEAR THRUST	50	659764	2	SNAPRING
13	106457	1	WASHER, SUN GEAR THRUST	51			NOT USED ON THIS MODEL
14	1C-720C	12	BOLT	52	110836	2	BRACKET ASSY, AIR CHAMBER (Front Axle)
	4E-07	12	WASHER				
15			NOT USED ON THIS MODEL		104204	1	BRACKET ASSY, AIR CHAMBER, LEFT HAND (Rear Axle)
16	1C-908C	6	SCREW, PULLER		104203	1	BRACKET ASSY, AIR CHAMBER, RIGHT HAND (Rear Axle)
	3E-09	6	LOCKWASHER				
17	117225	40	BOLT	53	102189	1	BUSHING, BRACKET/CAMSHAFT
	106547	40	WASHER	54	10H-25	2	FITTING, GREASE
18	116847	2	CARRIER ASSY, PLANET (See Index)	55	107013	2	ADJUSTER, SLACK
	110552	2	GEAR & HUB ASSY, PLANETARY INTERNAL	56	SEE INDEX	2	CHAMBER, BRAKE AIR
19	110624	8	BOLT	57	112294	10	STUD, DIFFERENTIAL&CARRIER MOUNT
20	110622	1	GEAR, INTERNAL, PLANETARY		119889	2	STUD, DIFFERENTIAL&CARRIER MOUNT
21	110553	1	HUB, INTERNAL GEAR		119931	2	STUD, DIFFERENTIAL&CARRIER MOUNT
22	106234	2	SHAFT, AXLE	58	106547	14	WASHER
26	107004	1	HOUSING, AXLE	59	659764	2	SNAPRING
27			NOT USED ON THIS MODEL	60	SEE NOTE	1	DIFFERENTIAL&CARRIER ASSY(See Index)
28	11F-12	1	PLUG, AXLE HOUSING FILL	61	107010	2	WASHER, RETAINING
29	106656	1	BREATHER ASSEMBLY	62	1C-1028C	4	BOLT
30	11F-12	1	PLUG, AXLE HOUSING DRAIN		4E-10	4	WASHER
31	106998	20	NUT	67	64D-09	14	NUT, DIFFERENTIAL CARRIER MOUNT
32	104412	20	LOCKWASHER	68	112295	3	DOWEL, TAPER, CARRIER MOUNT
33	111710	2	SPINDLE		118386	2	HUB & DRUM ASSEMBLY
34	1C-612C	12	BOLT	69	103522	10	NUT, LUG, WHEEL
	4E-06	12	LOCKWASHER	70	120218	10	STUD, WHEEL MOUNT
35	109947	2	COVER, DUST, BRAKE	71	103076	10	NUT, WHEEL STUD
	106710	2	COVER, DUST, BRAKE	72	118381	12	BOLT, WHEEL BRAKE DRUM
36	117799	2	BRAKE ASSY, WHEEL (See Index)		104412	12	WASHER
37	114192	2	SPRING, BRAKE SHOE RETURN	73	117445	1	CATCHER, OIL
38	114193	4	RETAINER, RETURN SPRING	74	118367	1	DRUM, WHEEL BRAKE
39	112412	2	SEAL, HUB OIL	75	118383	1	HUB & CUP ASSEMBLY
42	118350	20	BOLT, SPINDLE&BRAKE ASSY MOUNT	76	774024	1	CUP, HUB BEARING, INNER
				77	742262	1	CUP, HUB BEARING, OUTER

NOTE: THE 190067 FRONT AXLE ASSEMBLY, WHICH USES THE 118611 DIFFERENTIAL & CARRIER ASSEMBLY, IS EFFECTIVE WITH MACHINE SERIAL #433 EXCEPT SERIAL NOS. 435, 437, 447 AND UNITS EQUIPPED WITH THE OPTIONAL HEAVY DUTY FRONT AXLE.

NOTE: THE 190068 REAR AXLE ASSEMBLY, WHICH USES THE 118616 DIFFERENTIAL & CARRIER ASSEMBLY, IS EFFECTIVE WITH MACHINE SERIAL #433 EXCEPT SERIAL NOS. 435, 436, 440 AND 452.

NOTE: QUANTITIES LISTED ARE PER AXLE ASSEMBLY (OR SUB-ASSEMBLY).

NOTE: PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY, THEY ARE NOT WABCO.

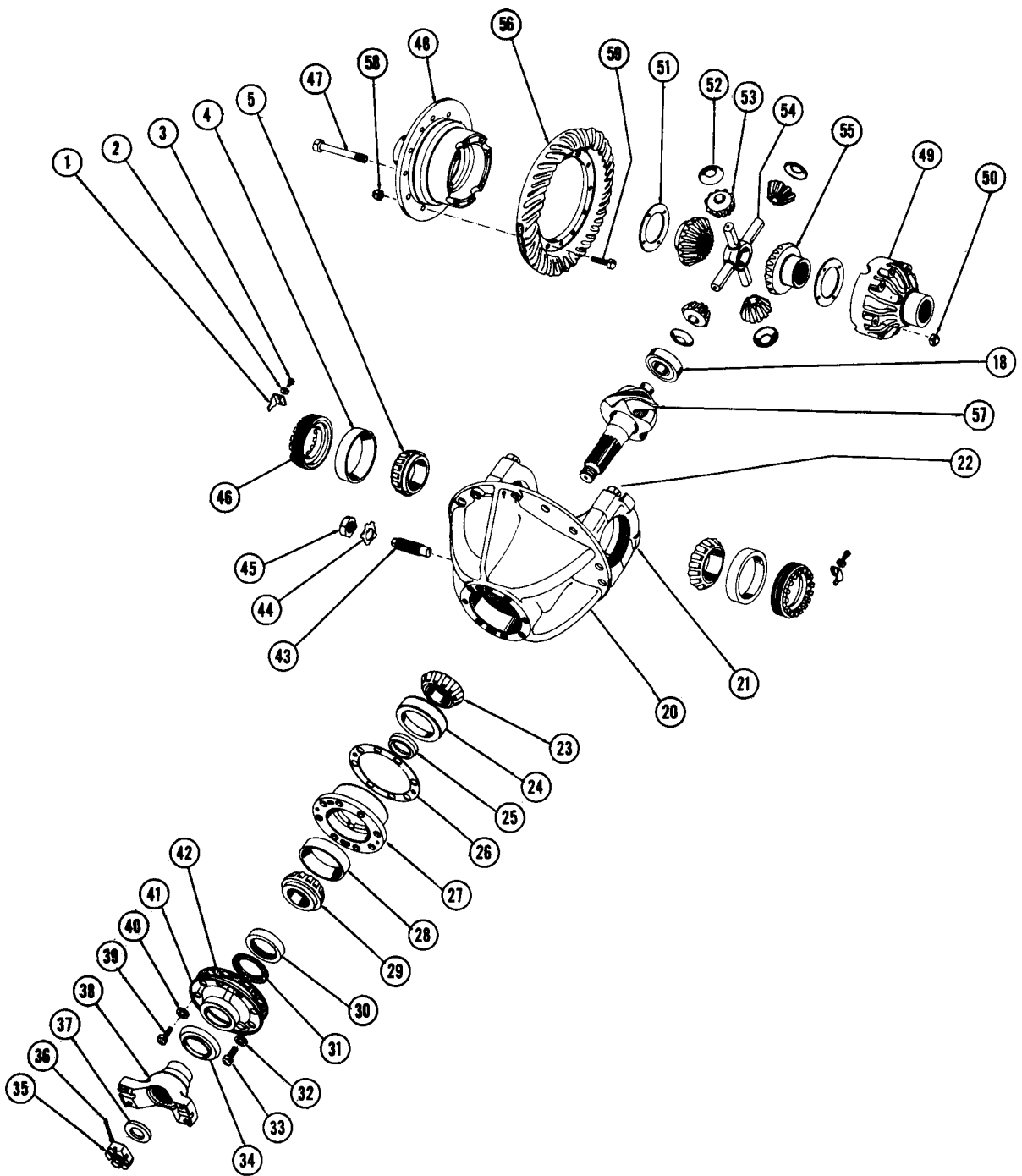


FIG. 4528

DIFFERENTIAL & CARRIER, FRONT

FIGURE 4528

DIFFERENTIAL & CARRIER ASSY , FRONT

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
	114157		ASSY, DIFFERENTIAL & CARRIER (1)	41	101214	1	RETAINER, PINION OIL SEAL
	118611		ASSY, DIFFERENTIAL & CARRIER (2)	42	107483	1	GASKET
1	100941	2	LOCK, ADJUSTING NUT	43	101226	1	SCREW, DIFFERENTIAL THRUST
2	4E- 06	2	LOCKWASHER	44	101227	1	LOCK, DIFF THRUST SCREW
3	3C614C	2	BOLT	45	8D- 18	1	NUT TO ITEM 43
4	675252	2	CUP, DIFFERENTIAL BEARING	46	101213	1	NUT, DIFFERENTIAL ADJUSTING
5	675254	2	CONE, DIFFERENTIAL BEARING		111488	1	ASSEMBLY, DIFFERENTIAL (1)
18	675265	1	BEARING, INNER PINION		118552	1	ASSEMBLY, DIFFERENTIAL (2)
20	112292	1	CARRIER ASSEMBLY		111349	1	BODY SUB-ASSY, DIFF. (1)
21		2	CAP, CARRIER (3)		118504	1	BODY SUB-ASSY, DIFF. (2)
22	101210	4	BOLT, CARRIER CAP		815396	1	CASE KIT, DIFF. (1)
	111658	4	WASHER TO ITEM 22		815737	1	CASE KIT, DIFF. (2)
23	675263	1	CONE, CENTER PINION BEARING	47	111353	8	BOLT, DIFF. CASE (1)
24	675262	1	CUP, CENTER PINION BEARING		118479	8	BOLT, DIFF. CASE (2)
25	815200	1	SPACER KIT, PINION BEARING	48		1	HALF, FLANGED, CASE (3)
26	101218	AR	SHIM, BEARING CAGE, THIN	49		1	HALF, PLAIN, CASE (3)
	101219	AR	SHIM, BEARING CAGE, MEDIUM	50	110523	8	NUT TO ITEM 47
	101220	AR	SHIM, BEARING CAGE, THICK	51	101205	2	WASHER, SIDE GEAR THRUST
27	101211	1	CAGE ASSY, PINION BRG CAGE				(1)
28	675259	1	CUP, PINION BRG, OUTER		118478	2	WASHER, SIDE GEAR THRUST
29	675260	1	CONE, PINION BEARING, OUTER				(2)
30	111721	1	SEAL, PINION OIL	52	111352	4	WASHER, PINION THRUST (1)
31	101217	1	GASKET, PINION OIL SEAL		101204	4	WASHER, PINION THRUST (2)
32	4E- 10	7	LOCKWASHER TO ITEM 33	53	101201	4	PINION, DIFF. SPIDER (1)
33	1C1032C	7	BOLT, ATTACHING		117044	4	PINION, DIFF. SPIDER (2)
34	101222	1	SHIELD, DUST	54	101203	1	SPIDER, DIFFERENTIAL (1)
35	101223	1	NUT, PINION SHAFT		117105	1	SPIDER, DIFFERENTIAL (2)
36	1F-740	1	COTTER, PINION SHAFT NUT	55	106206	2	GEAR, SIDE
37	101224	1	WASHER TO ITEM 35		815327	1	GEAR & PINION SET
38	108871	1	FLANGE, COMPANION	56		1	GEAR, RING (3)
39	1C828C	1	BOLT, LOCATING	57		1	PINION (3)
40	4E- 08	1	LOCKWASHER TO ITEM 39	58	104168	12	NUT, RING GEAR
				59	101196	12	BOLT, RING GEAR

NOTE: (1) EFFECTIVE ONLY WITH MACHINE SERIAL NOS. 431, 435, 437 AND 447.

(2) EFFECTIVE WITH SERIAL #433 EXCEPT SERIAL NOS. 435, 437, 447 AND UNITS EQUIPPED WITH OPTIONAL HEAVY DUTY FRONT AXLES.

(3) NOT SERVICED SEPARATELY.

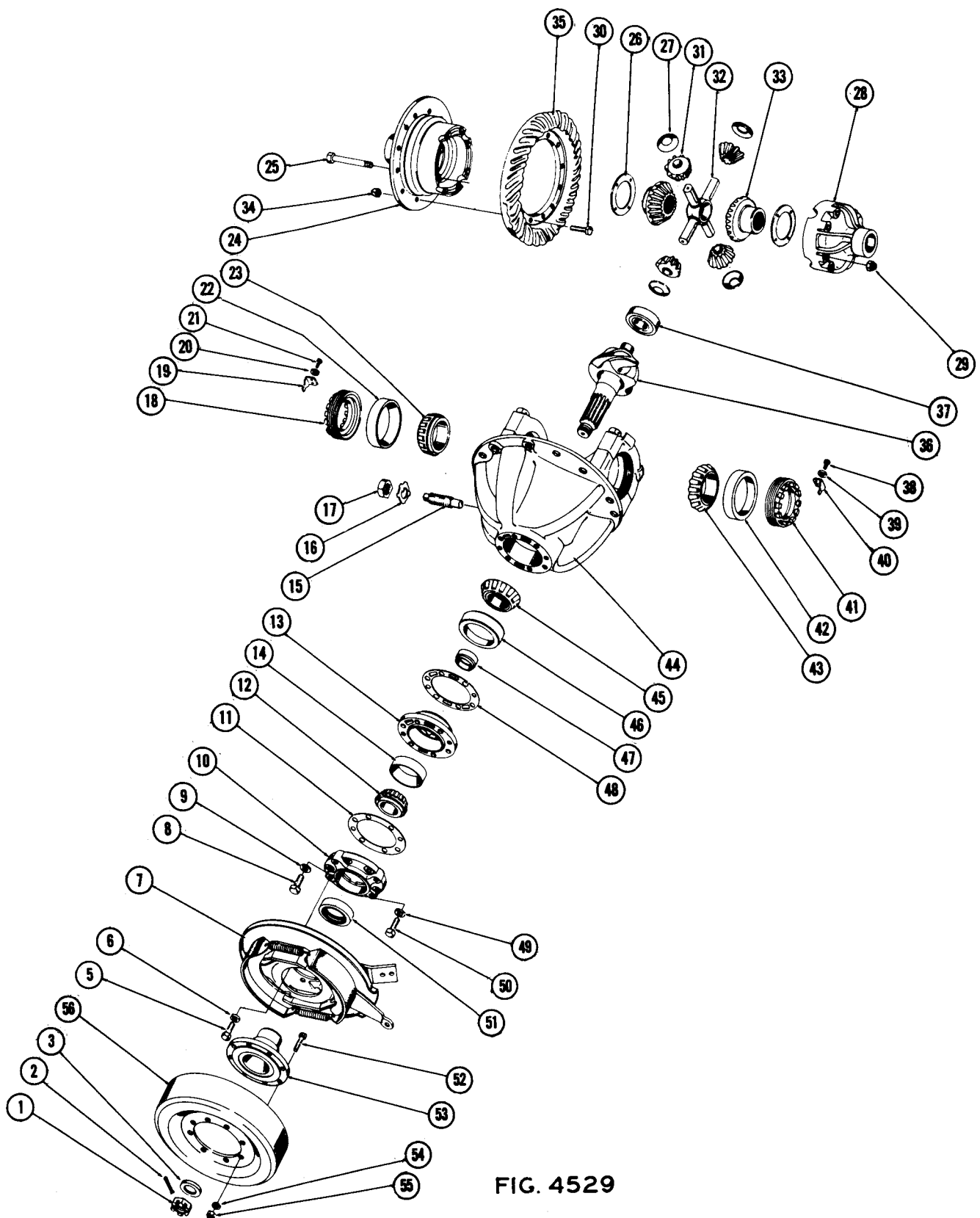


FIG. 4529

DIFFERENTIAL & CARRIER, REAR

FIGURE 4529

DIFFERENTIAL & CARRIER ASSY , REAR

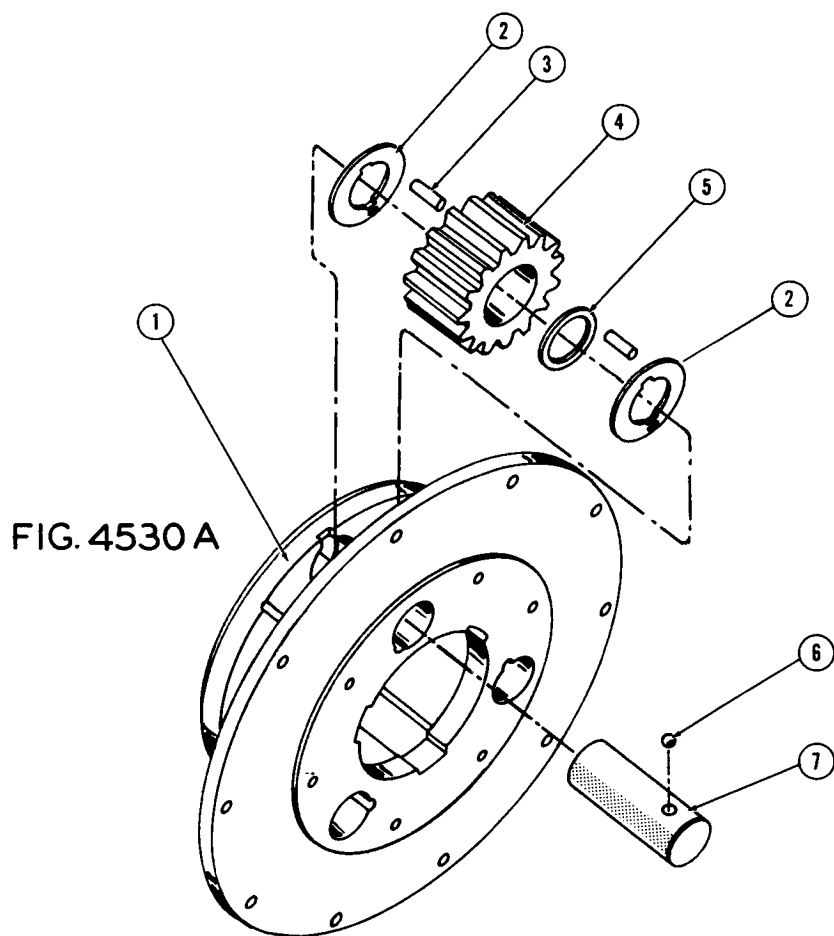
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
	114552		ASSY, DIFFERENTIAL & CARRIER (1)		101204	4	WASHER, PINION THRUST (2)
	118616		ASSY, DIFFERENTIAL & CARRIER (2)				
1	101223	1	NUT, PINION SHAFT	28		1	HALF, PLAIN CASE (3)
2	1F-740	1	COTTER	29	110523	8	NUT, DIFF. CASE
3	101224	1	WASHER	30	101196	12	BOLT, RING GEAR
5	1C924C	4	CAPSCREW, PARKING BRAKE MOUNT	31	101201	4	PINION, DIFF SPIDER (1)
6	4E- 09	4	LOCKWASHER		815746	1	PINION KIT, DIFF SPIDER (2)
7	107484	1	BRAKE ASSY, PARKING (See Index)	32	101203	1	SPIDER, DIFFERENTIAL (1)
8	1C836C	1	SCREW, SEAL RETAINER LOCATING		117105	1	SPIDER, DIFFERENTIAL (2)
9	4E -09	1	LOCKWASHER	33	106206	2	GEAR, DIFFERENTIAL SIDE
10	107482	1	RETAINER, OIL SEAL	34	104168	12	NUT, RING GEAR BOLT
11	107483	1	GASKET, SEAL RETAINER		815326	1	RING GEAR & PINION SET
12	675260	1	CONE, PINION BEARING, OUTER	35		1	GEAR, RING (3)
13	107477	1	CAGE & CUP ASSY, PINION BRG	36		1	PINION, DRIVE (3)
14	675259	1	CUP, PINION BRG, OUTER	37	675265	1	BEARING, DRIVE PINION, INNER
15	101226	1	SCREW, THRUST	38	3C614C	1	CAPSCREW, ADJUSTING, NUT LOCK
16	101227	1	LOCK, THRUST SCREW	39	4E- 06	1	LOCKWASHER
17	8D- 18	1	NUT, THRUST SCREW	40	100941	1	LOCK, ADJUSTING NUT
18	101213	1	NUT, DIFFERENTIAL ADJUSTING	41	101213	1	NUT, ADJUSTING
19	100941	1	LOCK, ADJUSTING NUT	42	675252	1	CUP, DIFFERENTIAL BEARING
20	4E- 06	1	LOCKWASHER	43	675254	1	CONE, DIFFERENTIAL BEARING
21	3C614C	1	CAPSCREW, ADJUSTING NUT LOCK	44	112292	1	CARRIER & CAP ASSY, DIFF.
22	675252	1	CUP, DIFFERENTIAL BEARING		101210	4	CAPSCREW, DIFF. CAP
23	675254	1	CONE, DIFFERENTIAL BEARING		111658	4	WASHER, PLAIN
	108815	1	DIFFERENTIAL ASSEMBLY (1)	45	675263	1	CONE, DRIVE-PINION BRG, CENTER
	118503	1	DIFFERENTIAL ASSEMBLY (2)	46	675262	1	CUP, DRIVE-PINION BRG, CENTER
	111349	1	BODY SUB-ASSY, DIFF. (1)	47	815200	1	SPACER KIT, DRIVE-PINION BRG
	118504	1	BODY SUB-ASSY, DIFF. (2)	48	114351	AR	SHIM, BEARING CAGE, THIN
	815396	1	CASE KIT, DIFF. (1)		114352	AR	SHIM, BEARING CAGE, MEDIUM
	815737	1	CASE KIT, DIFF. (2)		114353	AR	SHIM, BEARING CAGE, THICK
24		1	HALF, FLANGED, CASE (3)	49	4E- 10	7	LOCKWASHER
25	111353	8	BOLT, DIFF. CASE (1)	50	1C1040C	7	CAPSCREW, OIL SEAL RETAINER
	118479	8	BOLT, DIFF. CASE (2)	51	111721	1	SEAL, OIL, DRIVE PINION
26	101205	2	WASHER, SIDE GEAR	51A	101217	1	GASKET TO ITEM 51 (Not Shown)
			THRUST (1)		112912	1	DRUM & FLANGE ASSEMBLY
	118478	2	WASHER, SIDE GEAR	52	104471	8	BOLT, DRUM TO FLANGE
			THRUST (2)	53	112911	1	FLANGE, COMPANION
27	111352	4	WASHER, PINION THRUST (1)	54	4E- 07	8	LOCKWASHER
				55	2D- 07	8	NUT TO ITEM 52
				56	107481		DRUM, PARKING BRAKE

NOTE: (1) EFFECTIVE ONLY WITH MACHINE SERIAL NOS. 431, 432, 435, 436, 440 AND 452.

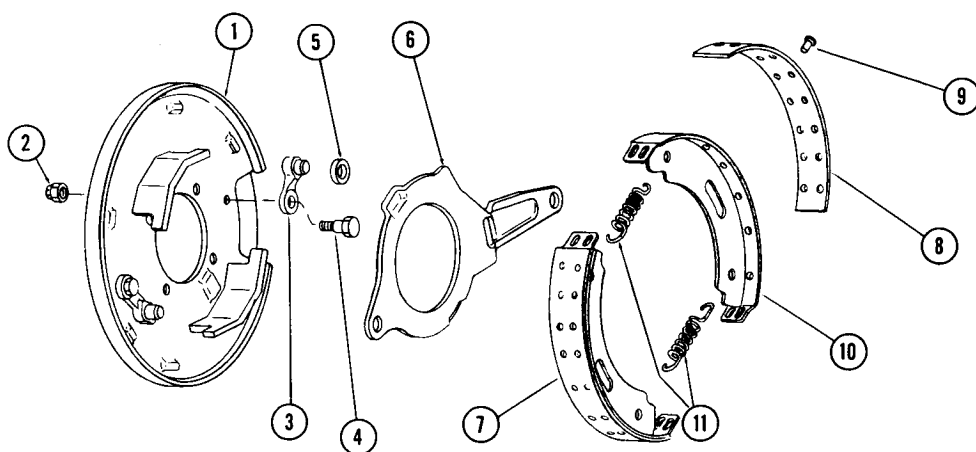
(2) EFFECTIVE WITH MACHINE SERIAL NO. 433 EXCEPT SERIAL NOS. 435, 436, 440 AND 452.

(3) NOT SERVICED SEPARATELY.

(4) PART NOS. ARE CLARK EQUIPMENT CO. NOS., THEY ARE NOT WABCO.



PLANET CARRIER



BRAKE, PARKING

FIGURE 4530A

PLANET CARRIER

Ref. No.	Part No.	Qty.	Description
1	106353		ASSEMBLY, PLANET CARRIER (1)
	106354	1	SPIDER, PLANET
	116847		ASSEMBLY, PLANET CARRIER (1)
1	117896	1	SPIDER, PLANET
FOLLOWING ARE COMMON TO BOTH ASSEMBLIES.			
2	106357	6	WASHER, PINION THRUST
3	106358	150	ROLLER, PINION NEEDLE
4	106356	3	PINION, PLANET
5	106359	3	SPACER, PINION ROLLER
6	10J-12	3	BALL, PINION SHAFT LOCK
7	106355	3	SHAFT, PINION
NOTE: (1) THE PROPER ASSEMBLY IS LISTED IN THE AXLE ASSEMBLY APPLICABLE TO MACHINE SERIAL NUMBER.			

FIGURE 4530B

BRAKE ASSY, PARKING - 107484

1	875379	1	PLATE & PAWL ASSEMBLY, PARK BRAKE BACKING
2		2	NUT (Not Serviced Separately)
3		2	PAWL (Not Serviced Separately)
4		2	SHAFT, PAWL (Not Serviced Separately)
5	220968	1	ROLLER, CAM, PARKING BRAKE OPERATING
6	220965	1	LEVER, CAM, PARKING BRAKE OPERATING
7	872712	2	SHOE ASSEMBLY, PARKING BRAKE
8	942405	1	LINING KIT, PARKING BRAKE
9	23H708	14	RIVET, PARKING BRAKE LINING
10		1	SHOE (Not Serviced Separately)
11	220969	2	SPRING, PARKING BRAKE SHOE RETURN

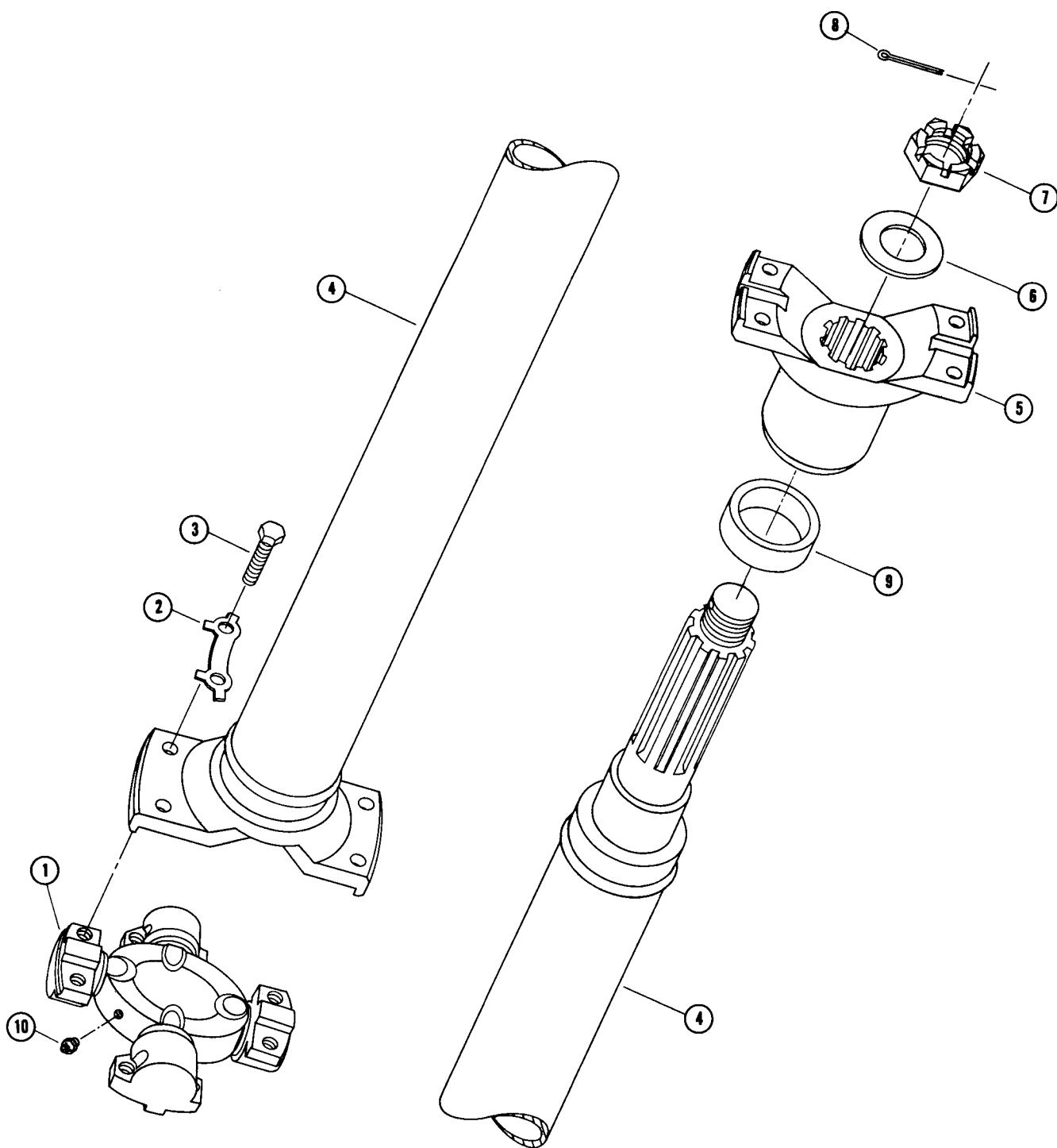


FIG. 4467

DRIVELINE, FRONT

FIGURE 4467

DRIVELINE , FRONT

- JG991

Ref. No.	Part No.	Qty.	Description
1	708395	1	JOURNAL ASSEMBLY
2	708362	4	LOCKPLATE, CAPSCREW
3	708363	8	CAPSCREW, SPECIAL
4	KB1534	1	TUBE
5	708672	1	YOKE, SPLINED
6	708678	1	WASHER
7	708677	1	NUT
8	708679	1	PIN, COTTER
9	KB1377	1	SPACER
10	501269	1	FITTING, GREASE
(Effective With Standard Front Axle Only)			

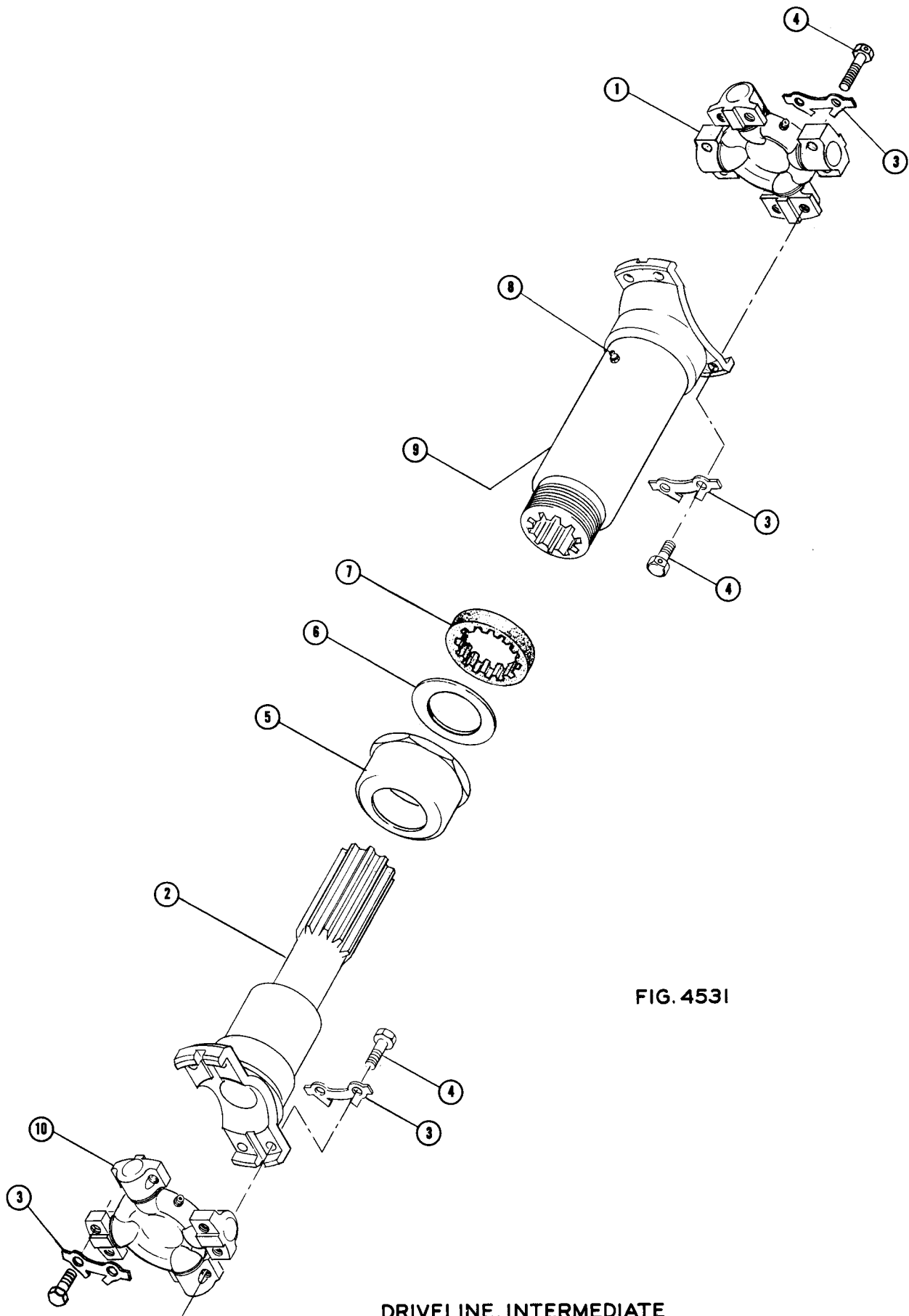


FIG. 453I

DRIVELINE, INTERMEDIATE

FIGURE 4531 DRIVELINE , INTERMEDIATE JG992

Ref. No.	Part No.	Qty.	Description
1	708656	1	JOURNAL ASSEMBLY
2	KB 765	1	SHAFT, PROPELLER
3	708362	8	LOCKPLATE, CAPSCREW
4	708363	12	CAPSCREW (Special)
	5462J	4	CAPSCREW (Special)
5	708346	1	CAP, SEAL RETAINER
6	504001	2	WASHER
7	504000	1	SEAL, FELT
8	501264	1	FITTING, GREASE - 1/8"NPT
9	708388	1	YOKE, SLIP
10	708395	1	JOURNAL ASSEMBLY
11	501269	2	FITTING, GREASE

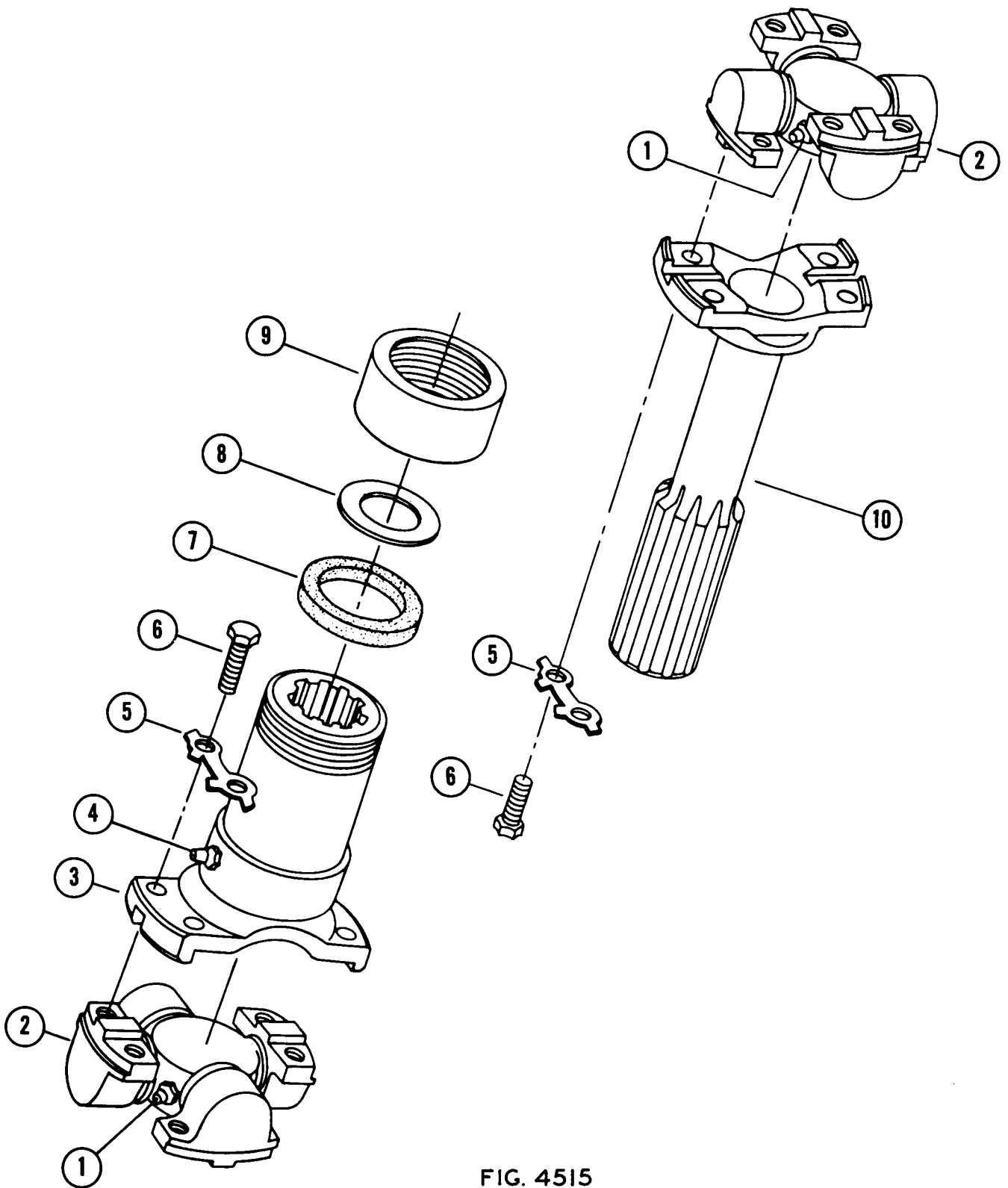


FIG. 4515

DRIVELINE, REAR

FIGURE 4515

DRIVELINE , REAR

JG1004

Ref. No.	Part No.	Qty.	Description
1	501269	2	FITTINGS, GREASE
2	708656	2	JOURNAL ASSEMBLY
3	708388	1	YOKE, SLIP (Includes Item 4)
4	501264	1	FITTING, GREASE
5	708362	8	LOCKPLATE, CAPSCREW
6	708363	8	CAPSCREW, SPECIAL
6A	714659	1	CAPSCREW, SPECIAL
7	504000	1	SEAL, FELT
8	504001	2	WASHER, RETAINER
9	708346	1	CAP, SEAL RETAINING
10	708666	1	YOKE, STUB

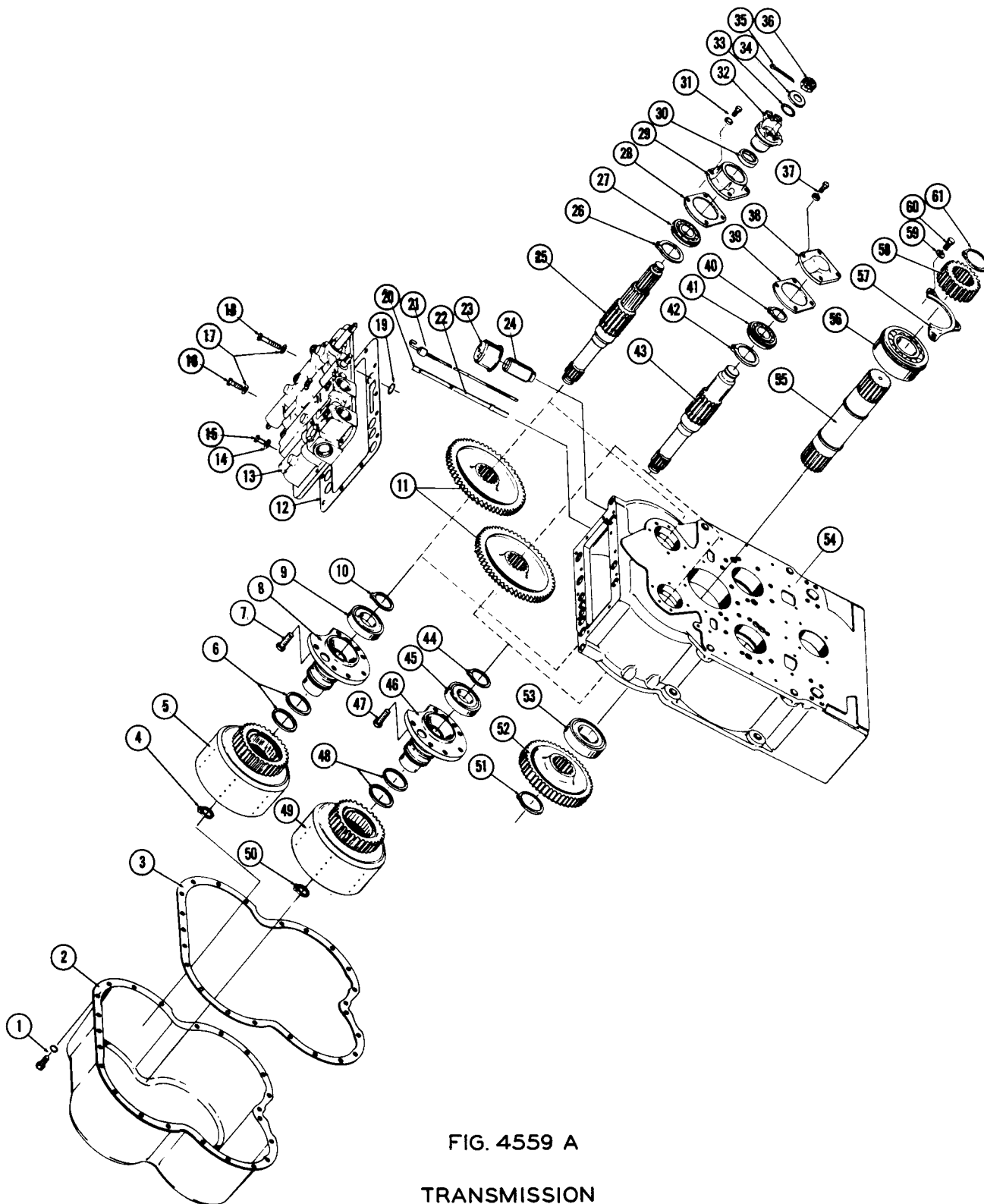


FIG. 4559 A
TRANSMISSION

FIGURE 4559A

TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Qty.	Description
1	5C-612	23	SCREW & LOCKWASHER
2	217554	1	COVER, FORWARD & REVERSE, 3RD, 4TH CLUTCH
3	217555	1	GASKET, COVER
4	711418	1	SNAPRING, DISC HUB
5	217520	1	CLUTCH, INPUT (See Index)
6	217600	2	RING, CLUTCH SUPPORT PISTON
7	8C-820	8	SCREW, CLUTCH SUPPORT TO CASE
8	217146	1	SUPPORT & PLUG ASSEMBLY, CLUTCH
9	225792	1	BEARING, REAR
10	711161	1	SNAPRING, GEAR
11	217458	2	GEAR (57 Teeth)
12	217653	1	GASKET, VALVE TO CASE
13	*	1	COVER ASSEMBLY, CONTROL (See Index)
14	4E-06	6	LOCKWASHER
15	1C-616	4	SCREW, VALVE TO CASE
16	1C-624	2	SCREW, VALVE TO CASE
17	4E-06	6	LOCKWASHER
18	1C-640	6	SCREW, VALVE TO CASE
19	25K-40026	6	"O" RING, VALVE TO CASE
20	92F-7	1	FITTING, TUBE
21	217592	1	DIPSTICK
22	217597	1	TUBE, DIPSTICK
23	22F-6	1	CAP, OIL FILLER
24	5K-824	1	PIPE, OIL FILLER
25	217552	1	SHAFT, INPUT
26	711161	1	SNAPRING, GEAR
27	225824	1	BEARING, FRONT
28	217558	1	GASKET, BEARING CAP
29	217556	1	CAP, BEARING
30	206864	1	SEAL, OIL
31	5C-616	4	SCREW & LOCKWASHER
32	214985	1	FLANGE, INPUT (6C)
33	25K-40112	1	"O" RING, FLANGE
34	102745	1	WASHER
35	1F-432	1	COTTER
36	201951	1	NUT
37	5C-616	4	CAPSCREW & LOCKWASHER
38	217557	1	CAP, BEARING
39	217558	1	GASKET, BEARING CAP
40	224083	1	SNAPRING, BEARING
41	225824	1	BEARING, FRONT
42	711161	1	SNAPRING, GEAR
43	217547	1	SHAFT, REVERSE
44	711161	1	SNAPRING, GEAR
45	225792	1	BEARING, REAR
46	217146	1	SUPPORT & PLUG ASSEMBLY, CLUTCH
47	8C-820	8	SCREW
48	217600	2	RING, CLUTCH SUPPORT PISTON
49	217520	1	CLUTCH, REVERSE (See Index)
50	711418	1	SNAPRING, DISC HUB
51	711161	1	SNAPRING, GEAR
52	217461	1	GEAR, IDLER SHAFT (50 Teeth)
53	225835	1	ROLLER, REAR BEARING
54	217576	1	CASE ASSEMBLY, TRANSMISSION (See Index)
55	217548	1	SHAFT, IDLER
56	225836	1	BEARING, FRONT
57	217560	1	RETAINER, BEARING
58	217463	1	GEAR, IDLER SHAFT (25 Teeth)
59	4E-07	3	LOCKWASHER
60	1C-716	3	SCREW, BEARING RETAINER
61	711161	1	SNAPRING, GEAR

NOTE: *SEE NOTE ON FOLLOWING PAGE. PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY, THEY ARE NOT WABCO.
(See Following Page for Balance of Parts)

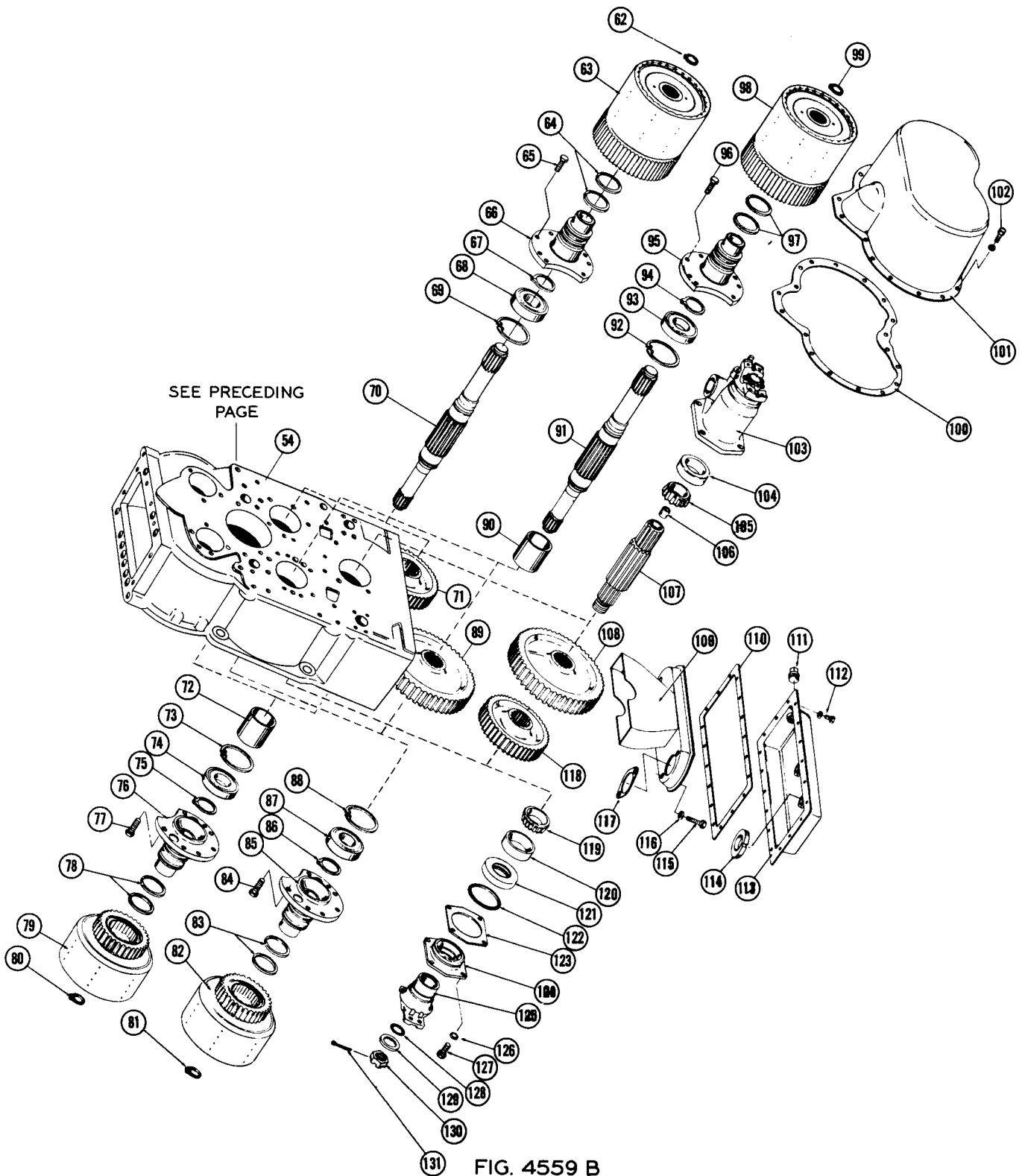


FIG. 4559 B

TRANSMISSION

FIGURE 4559B

TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
62	679764	1	SNAPRING, GEAR	100	217618	1	GASKET, COVER
63	218359	1	CLUTCH, 1ST (See Index)	101	217617	1	COVER, 1ST & 2ND CLUTCH
64	223740	2	RING, CLUTCH SUPPORT PISTON	102	5C-612	18	LOCKWASHER
65	8C-820	8	SCREW, CLUTCH SUPPORT TO CASE	103	217621	1	HOUSING, DISCONNECT (See Index-Disconnect)
66	217156	1	SUPPORT & PLUG ASSEMBLY, CLUTCH	104	856250	1	CUP, BEARING
67	743669	1	SNAPRING	105	654141	1	CONE, BEARING
68	225794	1	BEARING, FRONT	106	225408	1	BUSHING
69	223882	1	SNAPRING	107	217551	1	SHAFT & BUSHING ASSY, OUTPUT (Includes Item 106)
70	217553	1	SHAFT, 1ST & 3RD	108	217465	1	GEAR, OUTPUT SHAFT (63 Teeth)
71	217464	1	GEAR, 1ST & 3RD SHAFT (45 Teeth)	109	218357	1	FRAME & SCREEN ASSY, OIL (Not As Shown)
72	217559	1	SPACER, GEAR	110	217563	1	GASKET, OIL SUMP
73	223882	1	SNAPRING	111	13F-12	1	PLUG, DRAIN
74	225792	1	BEARING, REAR	112	5C-612	18	LOCKWASHER
75	743669	1	SNAPRING	113	217562	1	SUMP ASSEMBLY, OIL
76	217146	1	SUPPORT AND PLUG ASSY, CLUTCH	114	525293	2	MAGNET
77	8C-820	8	SCREW	115	1C-636	3	SCREW, SCREEN TO CASE
78	217600	2	RING, CLUTCH SUPPORT PISTON	116	4E-06	3	LOCKWASHER
79	217520	1	CLUTCH, 3RD (See Index)	117	218376	1	GASKET, OIL SUMP FRAME
80	711418	1	SNAPRING, DISC HUB	118	217464	1	GEAR, OUTPUT SHAFT (45 Teeth)
81	711418	1	SNAPRING, DISC HUB	119	654141	1	CONE, BEARING
82	217520	1	CLUTCH, 4TH (See Index)	120	856250	1	CUP, BEARING
83	217600	2	RING, CLUTCH SUPPORT PISTON	121	225823	1	SEAL, OIL
84	8C-820	8	SCREW, CLUTCH SUPPORT TO CASE	122	25K-40308	2	"O" RING
85	217146	1	SUPPORT & PLUG ASSEMBLY, CLUTCH	123	217566	AR	SHIM
86	743669	1	SNAPRING		217567	AR	SHIM
87	225794	1	BEARING, REAR		217568	AR	SHIM
88	223882	1	SNAPRING	124	217565	1	CAP, BEARING (Open)
89	217465	1	GEAR, 2ND & 4TH SHAFT (63 Teeth)	125	222233	1	FLANGE, OUTPUT (7C)
90	217559	1	SPACER, GEAR	126	4E-07	8	LOCKWASHER
91	217553	1	SHAFT, 2ND & 4TH	127	1C-720	8	SCREW, BEARING CAP
92	223882	1	SNAPRING	128	25K-60116	1	"O" RING, FLANGE
93	225792	1	BEARING, FRONT	129	222179	1	WASHER
94	743669	1	SNAPRING	130	205928	1	NUT
95	217156	1	SUPPORT & PLUG ASSEMBLY, CLUTCH	131	1F-426	1	COTTER
96	8C-820	8	SCREW, CLUTCH SUPPORT TO CASE	132	221391	1	PLATE, NAME (Not Shown)
97	223740	2	RING, CLUTCH SUPPORT PISTON	133	207873	2	SCREW, NAME PLATE (Not Shown)
98	218359	1	CLUTCH, 2ND (See Index)	134	211433	1	BREATHING, AIR (Not Illustrated)
99	659764	1	SNAPRING, DISC HUB	135	26F-3	1	ELBOW, STREET (Not Shown)

*NOTE: THE 3420-1 TRANSMISSION ASSEMBLY IS EFFECTIVE THRU SERIAL #440. ALSO IN SERIAL NOS. 443 THRU 446 AND 448. THIS ASSEMBLY USED THE 217746 CONTROL COVER ASSEMBLY (Item 13).

THE 3420-17 TRANSMISSION ASSEMBLY IS EFFECTIVE WITH SERIAL #449. ALSO USED IN SERIAL NOS. 441 AND 447. THIS ASSEMBLY USED THE 227848 CONTROL COVER ASSEMBLY (Item 13).

PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY, THEY ARE NOT WABCO.

(See Preceding Page for Balance of Parts)

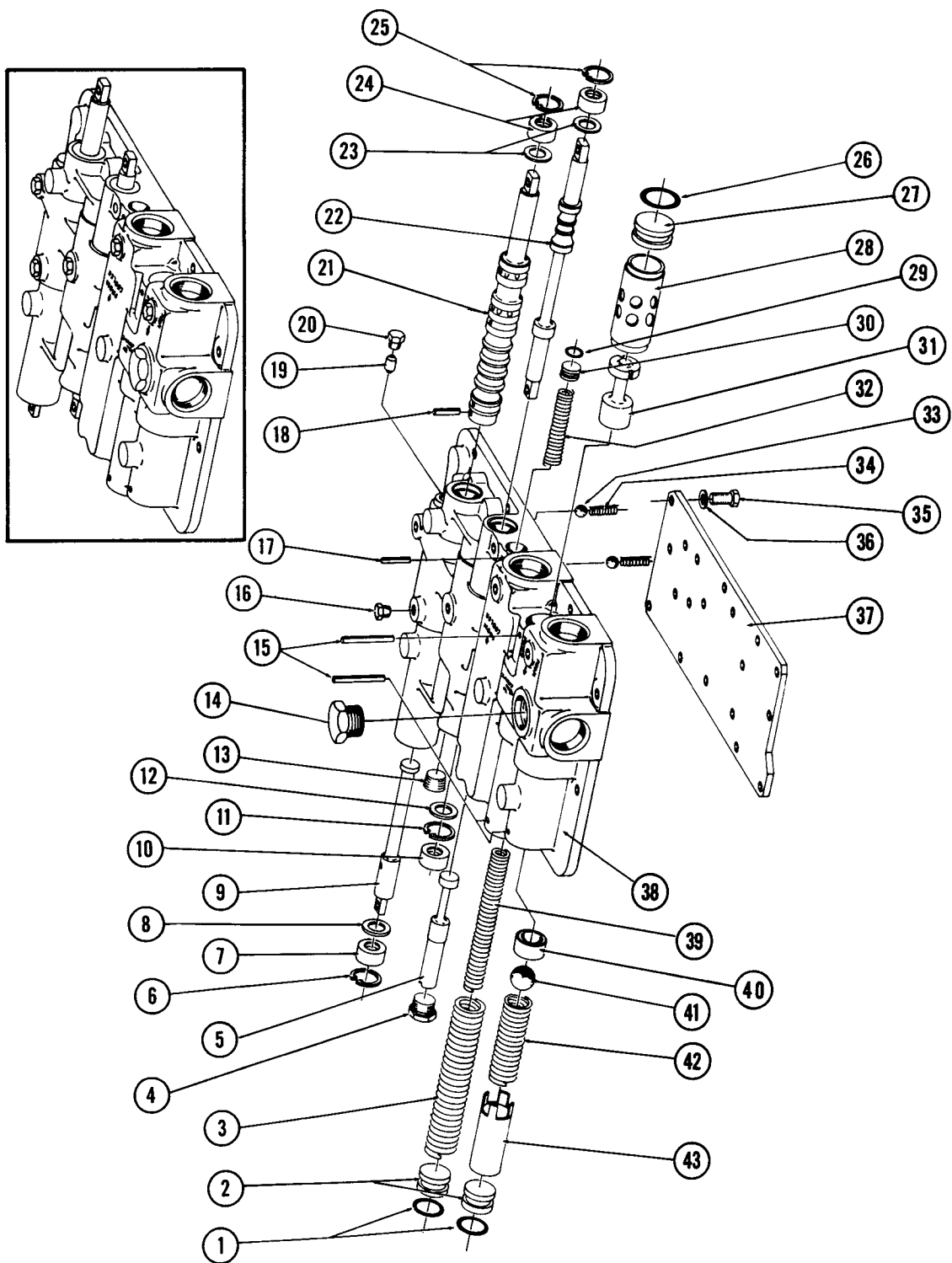
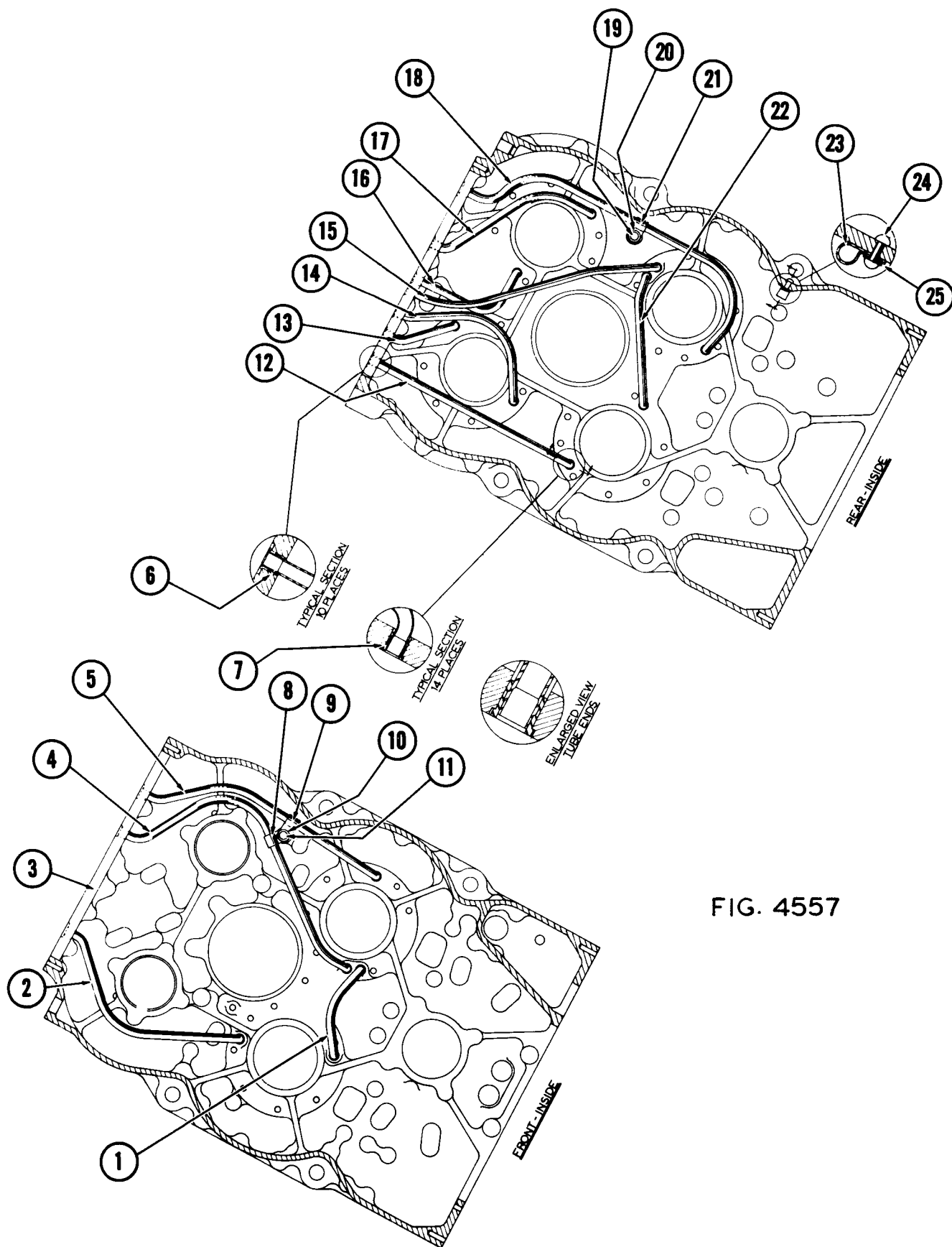


FIG. 4554

CONTROL COVER, TRANSMISSION

FIGURE 4554 CONTROL COVER ASSY , TRANSMISSION

Ref. No.	Part No.	Qty.	Description
1	25K-40024	2	"O" RING, VALVE SAFETY STOP
2	222041	2	STOP, REGULATOR AND SAFETY VALVE
3	217649	1	SPRING, REGULATOR VALVE, OUTER
4	24K-7	1	PLUG, SHUT-OFF VALVE HOLE
5	217644	1	SPOOL, SHUT-OFF VALVE
6	664140	1	SNAPRING, VALVE STOP
7	225856	1	SEAL, OIL
8	217657	1	WASHER, VALVE STOP
9	217635	(1)	VALVE, INNER SELECTOR (See Item 45)
10	225856	1	SEAL, OIL
11	664140	1	SNAPRING, VALVE STOP
12	217657	1	WASHER, VALVE STOP
13	16F-08	1	PLUG, PIPE
14	24K-10	1	PLUG, PIPE
15	300058	3	PIN, REGULATOR & SAFETY VALVE STOP ROLL
16	40K-02	5	PLUG, PIPE
17	654724	1	PIN, SHUT-OFF VALVE SPOOL STOP ROLL
18	667209	(1)	PIN, ROLL (See Item 45)
19	217654	1	VALVE, SHUTTLE
20	47K-3	1	PLUG, SHUTTLE VALVE
21	217634	(1)	VALVE, OUTER SELECTOR (See Item 45)
22	SEE NOTE	1	VALVE, FORWARD-REVERSE SELECTOR (1)
23	217657	2	WASHER, VALVE STOP
24	225856	2	SEAL, OIL
25	664140	2	SNAPRING, VALVE STOP
26	25K-40100	1	"O" RING, REGULATOR VALVE STOP
27	217647	1	STOP, REGULATOR VALVE
28	217646	1	SLEEVE, REGULATOR VALVE SPOOL
29	25K-30018	1	"O" RING, SHUT-OFF VALVE SPOOL STOP
30	220983	1	STOP, SHUT-OFF VALVE SPOOL
31	223496	1	SPOOL, REGULATOR VALVE
32	217645	1	SPRING, SHUT-OFF VALVE SPOOL
33	10J-12	2	BALL, POPPET
34	202200	2	SPRING, POPPET
35	1C-512	17	SCREW, PLATE TO COVER
36	5E-05	17	LOCKWASHER, PLATE TO COVER SCREW
37	217632	1	PLATE, CONTROL COVER
38	SEE NOTE	1	COVER, CONTROL (1)
39	217648	1	SPRING, REGULATOR VALVE, INNER
40	217650	1	SEAT, SAFETY VALVE
41	10J-24	1	BALL, SAFETY VALVE
42	217651	1	SPRING, SAFETY VALVE
43	217652	1	SPACER, SAFETY VALVE SEAT RETAINER
44	16F-04	1	PLUG, PIPE (Not Shown)
45	217633	1	VALVE ASSEMBLY, SELECTOR (Not Shown - Includes Items 9,18 & 21)
46	226869		SPACER, VALVE (Not Shown)
			NOTE: (1)SEE TRANSMISSION PARTS LIST FOR EFFECTIVITY OF FOLLOWING:
22	217746		COVER ASSEMBLY, CONTROL
38	217637		VALVE, FORWARD-REVERSE SELECTOR
	217745		COVER, CONTROL
	227848		COVER ASSEMBLY, CONTROL
22	217638		VALVE, FORWARD-REVERSE SELECTOR
38	229982		COVER, CONTROL



CASE ASSEMBLY-TRANS.

FIGURE 4557 CASE ASSY , TRANSMISSION 217576

Ref. No.	Part No.	Qty.	Description
1	217578	1	TUBE, LUBE CROSSOVER
2	217669	1	TUBE, 1ST PRESSURE
3	217575	1	CASE, TRANSMISSION
4	217577	1	TUBE, 2ND LUBE
5	217674	1	TUBE, 2ND PRESSURE
6	222067	10	SLEEVE, TUBE
7	222067	14	SLEEVE, TUBE
8	6H-29	1	CLIP, TUBE
9	222167	1	CLIP, TUBE
10	619018	1	WASHER
11	1H-430	1	RIVET
12	217579	1	TUBE, 4TH PRESSURE
13	217580	1	TUBE, REVERSE PRESSURE
14	217581	1	TUBE, REVERSE LUBE
15	217582	1	TUBE, 3RD LUBE
16	217583	1	TUBE, INPUT LUBE
17	217584	1	TUBE, INPUT PRESSURE
18	217585	1	TUBE, 3RD PRESSURE
19	1H-534	1	RIVET
20	619019	1	WASHER
21	6H-29	1	CLIP, TUBE
22	217586	1	TUBE, LUBE CROSSOVER
23	6H-32	1	CLIP, DIPSTICK
24	1H-416	1	RIVET
25	619018	1	WASHER

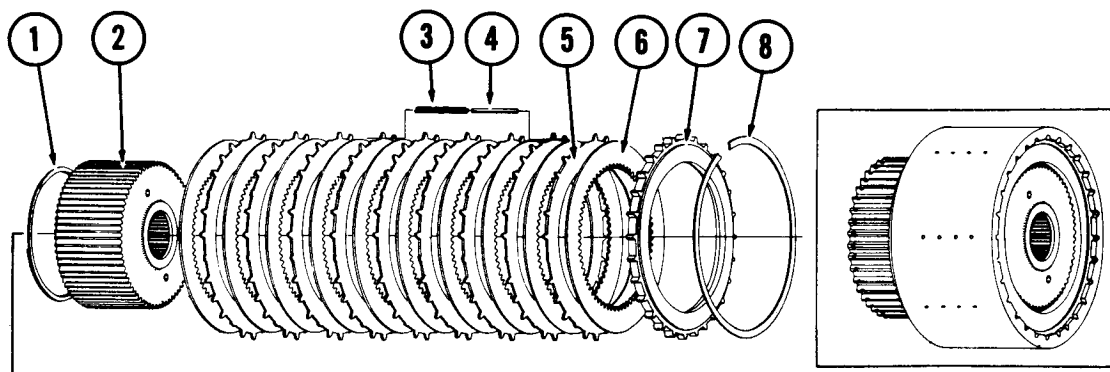
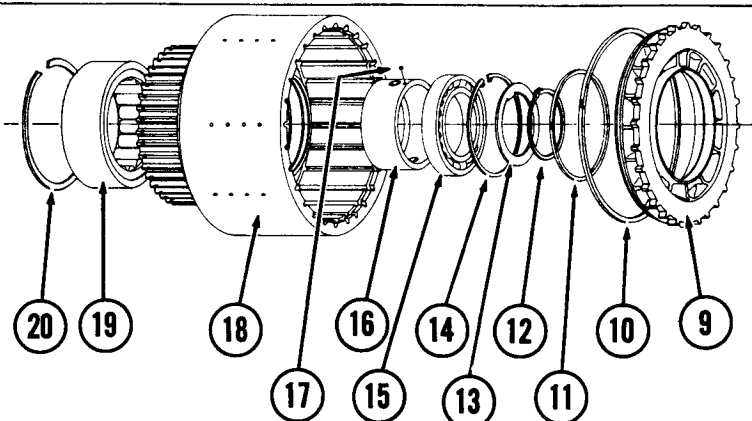


FIG. 4555A



CLUTCH-INPUT, REVERSE, 3RD & 4TH

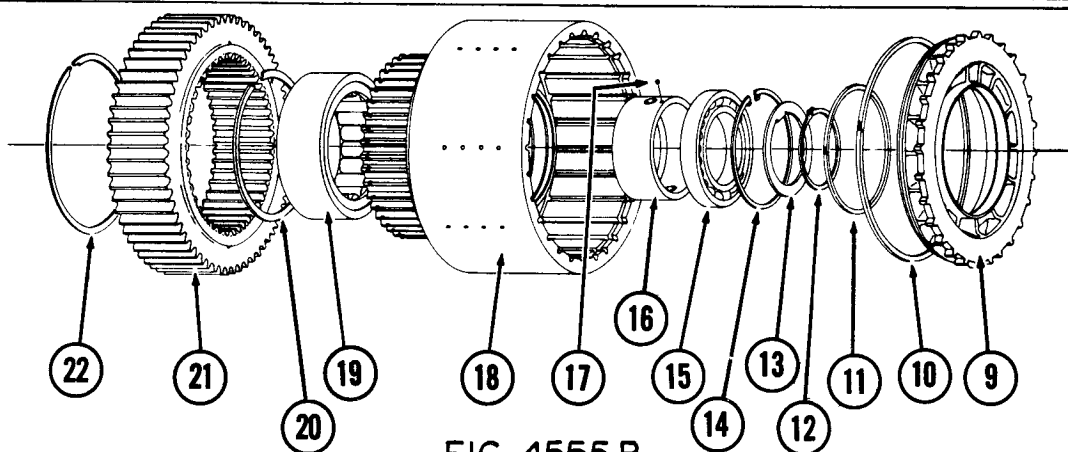
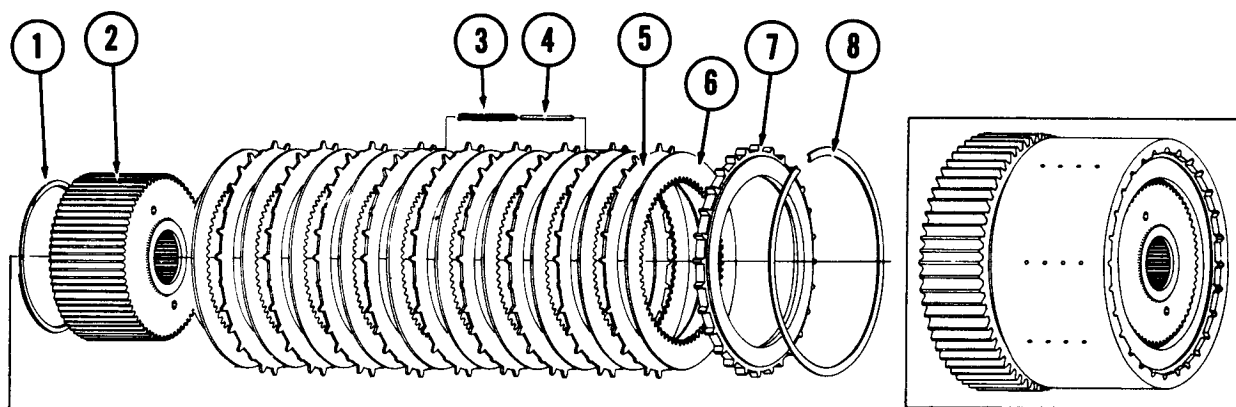


FIG. 4555 B

CLUTCH-1ST & 2ND

FIGURE 4555A

CLUTCH: INPUT, REVERSE, 3RD & 4TH

- 217520

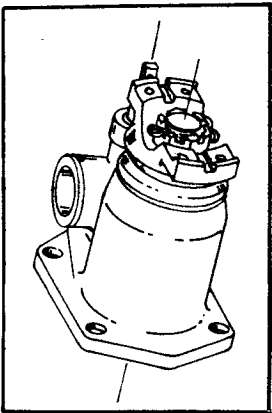
Ref. No.	Part No.	Qty.	Description
1	217509	1	RING, DISC HUB OIL BAFFLE
2	217148	1	HUB ASSY, DISC
3	217347	6	SPRING, DISC
4	217601	6	PIN, DISC SPRING
5	217162	5	DISC, OUTER
6	227495	6	DISC, INNER
7	217161	1	PLATE, END
8	217099	1	SNAPRING, END PLATE
9	217164	1	PISTON
10	217361	1	RING, PISTON OUTER PISTON
11	217411	1	RING, PISTON INNER PISTON
12	743669	1	SNAPRING
13	217151	1	WASHER, BEARING
14	223901	1	SNAPRING, BEARING
15	225812	1	BALL, SUPPORT
16	218214	1	RACE, PISTON RING, OUTER
17	10J-08	1	BALL, OUTER RACE
18	217142	1	DRUM ASSEMBLY, CLUTCH (Includes Item 16 and 17)
19	225795	1	BEARING, ROLLER, SUPPORT
20	223855	1	SNAPRING, BEARING
NOTE: PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY, THEY ARE NOT WABCO.			

FIGURE 4555B

CLUTCH ASSEMBLY, 1ST & 2ND

- 218359

1	217509	1	RING, DISC HUB OIL BAFFLE
2	217158	1	HUB ASSY, DISC
3	217334	6	SPRING, DISC
4	217599	6	PIN, DISC SPRING
5	217162	9	DISC, OUTER
6	217757	10	DISC, INNER
7	217161	1	PLATE, END
8	217099	1	SNAPRING, END PLATE
9	217164	1	RING, PISTON
10	217361	1	RING, PISTON OUTER PISTON
11	217411	1	RING, PISTON INNER PISTON
12	731627	1	SNAPRING
13	217165	1	WASHER, BEARING
14	664116	1	SNAPRING, BEARING
15	225813	1	BALL, SUPPORT
16	217155	1	RACE, PISTON RING, OUTER
17	10J-08	1	BALL, OUTER RACE
18	217152	1	DRUM ASSEMBLY, CLUTCH (Includes Items 16 and 17)
19	225796	1	BEARING, ROLLER, SUPPORT
20	223997	1	SNAPRING, BEARING
21	217505	1	GEAR, CLUTCH DRUM HUB
22	217605	1	SNAPRING, GEAR
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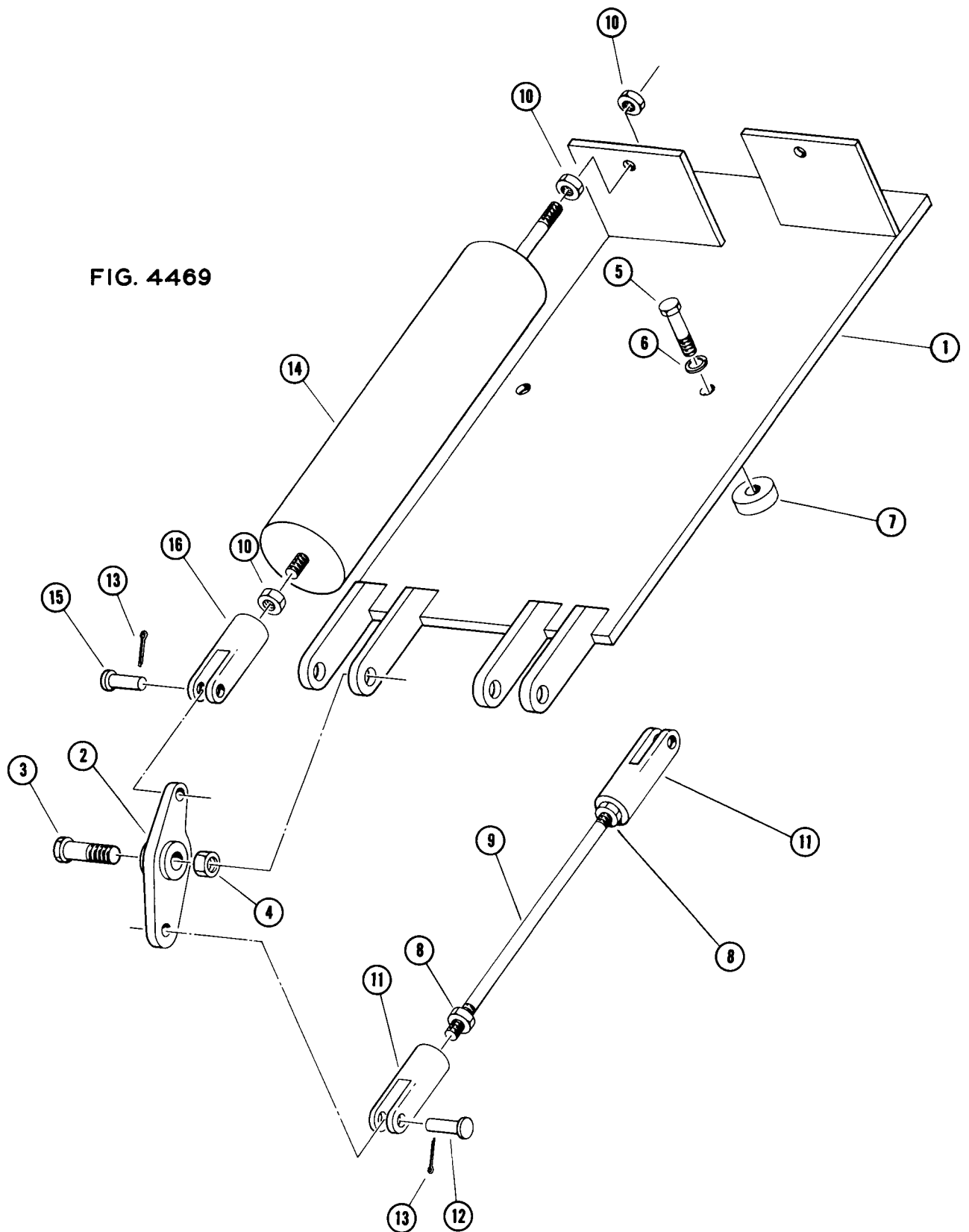
DISCONNECT ASSEMBLY

FIGURE 4539

DISCONNECT ASSEMBLY (OPTIONAL)

Ref. No.	Part No.	Qty.	Description
1	228063	1	HUB, SHIFT
2	201566	1	LOCKSCREW
3	217622	1	FORK, SHIFT
4	217624	1	SHAFT, OUTPUT
5	25K-40308	1	"O" RING, HOUSING
6	222418	1	PLUG, HOUSING
7	217621	1	HOUSING, DISCONNECT
8	217623	1	RAIL, SHIFT
9	10J-14	1	BALL, DETENT
10	201413	1	SPRING, DETENT
11	225075	1	SEAL, OIL
12	1F-436	1	COTTER
13	205928	1	NUT
14	222179	1	WASHER
15	25K-60116	1	"O" RING, FLANGE
16	222232	1	DISCONNECT & FLANGE & DEFLECTOR ASSEMBLY
17	100949	1	DEFLECTOR
18	225826	1	SEAL, OIL
19	223901	1	SNAPRING, BEARING
20	225825	1	BEARING
21	1C-720	4	SCREW, HOUSING TO CASE
22	4E- 07	4	LOCKWASHER

FIG. 4469



LINKAGE, SHIFT

FIGURE 4469

LINKAGE, SHIFT

Ref. No.	Part No.	Qty.	Description
1	KB7738	1	BRACKET, CYLINDER MOUNTING
2	KB7742	2	BEAM, WALKING
3		2	CAPSCREW - 1/2"NF X 2 1/4"
4	502550	2	NUT, 1/2"NF ELASTIC STOP
5		3	CAPSCREW - 3/8"NC X 1 3/4"
6		3	LOCKWASHER - 3/8"
7	KB7739	3	SPACER
8	500016	4	JAMNUT - 5/16"NF
9	KB7740	2	ROD, SHIFT CONTROL
10		6	JAMNUT - 3/8"NF
11	502886	4	YOKE, CLEVIS - 5/16"NF
12	502892	4	PIN, CLEVIS - 5/16"
13	500715	6	COTTER - 3/32"
14		2	CYLINDER, AIR (Air System) (See Index)
15	501318	2	PIN - 3/8" CLEVIS
16	501218	2	YOKE - 3/8"NF CLEVIS

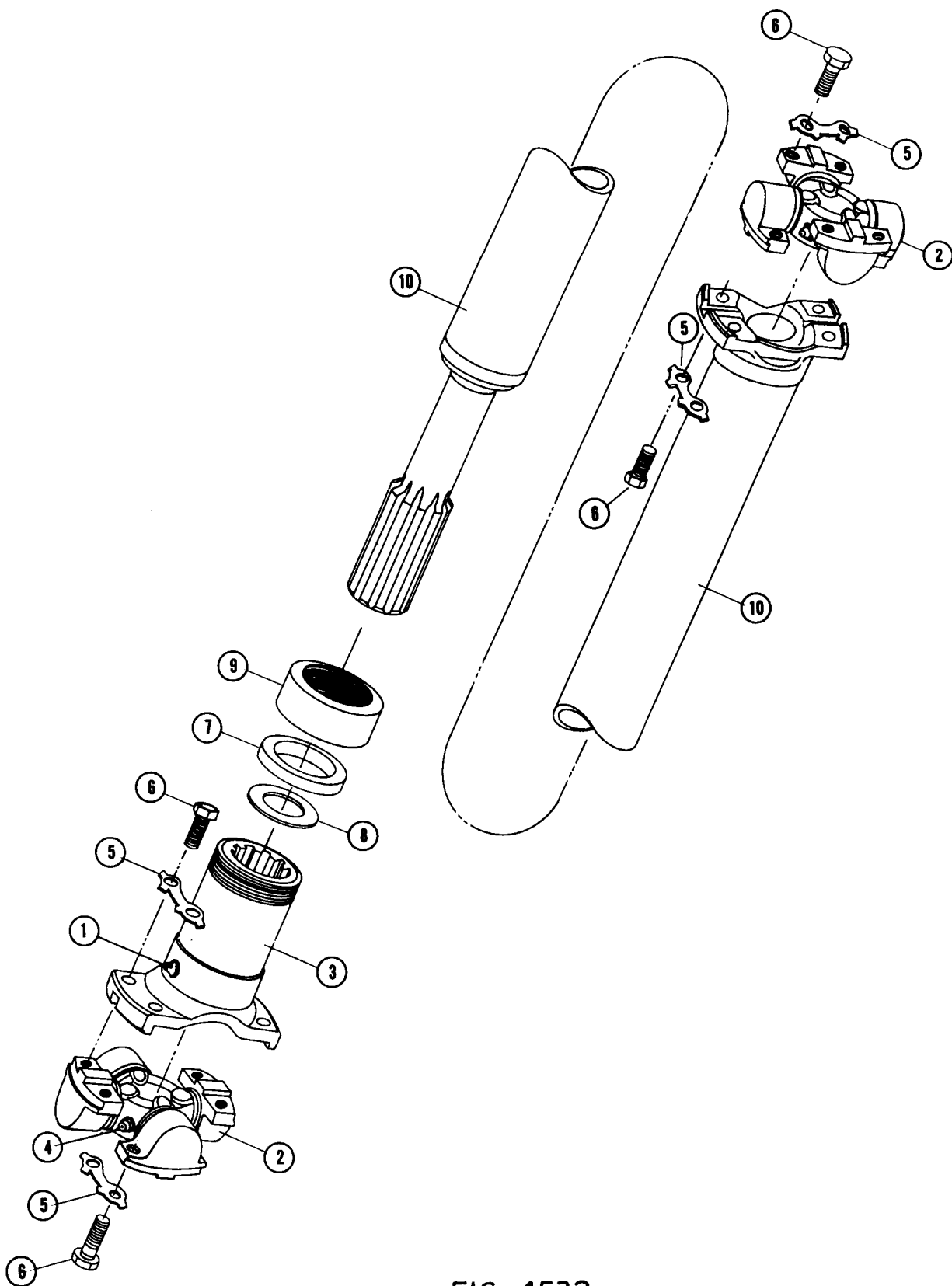


FIG. 4532

DRIVELINE, TOP (ENGINE)

FIGURE 4532 DRIVELINE , TOP (ENGINE) - JG1628

Ref. No.	Part No.	Qty.	Description
1	501269	2	FITTING, GREASE - 1/4"NF
2	708392	2	JOURNAL ASSEMBLY
3	708387	1	YOKE, SLIP
4	501264	1	FITTING, GREASE - 1/8"NPT
5	708361	8	LOCK, CAPSCREW
6	708359	16	CAPSCREW, SPECIAL
	708343	8	CAPSCREW, SPECIAL
7	708351	1	WASHER, FELT
8	708353	2	WASHER
9	708355	1	CAP
10	KB6405	1	SHAFT, PROPELLER

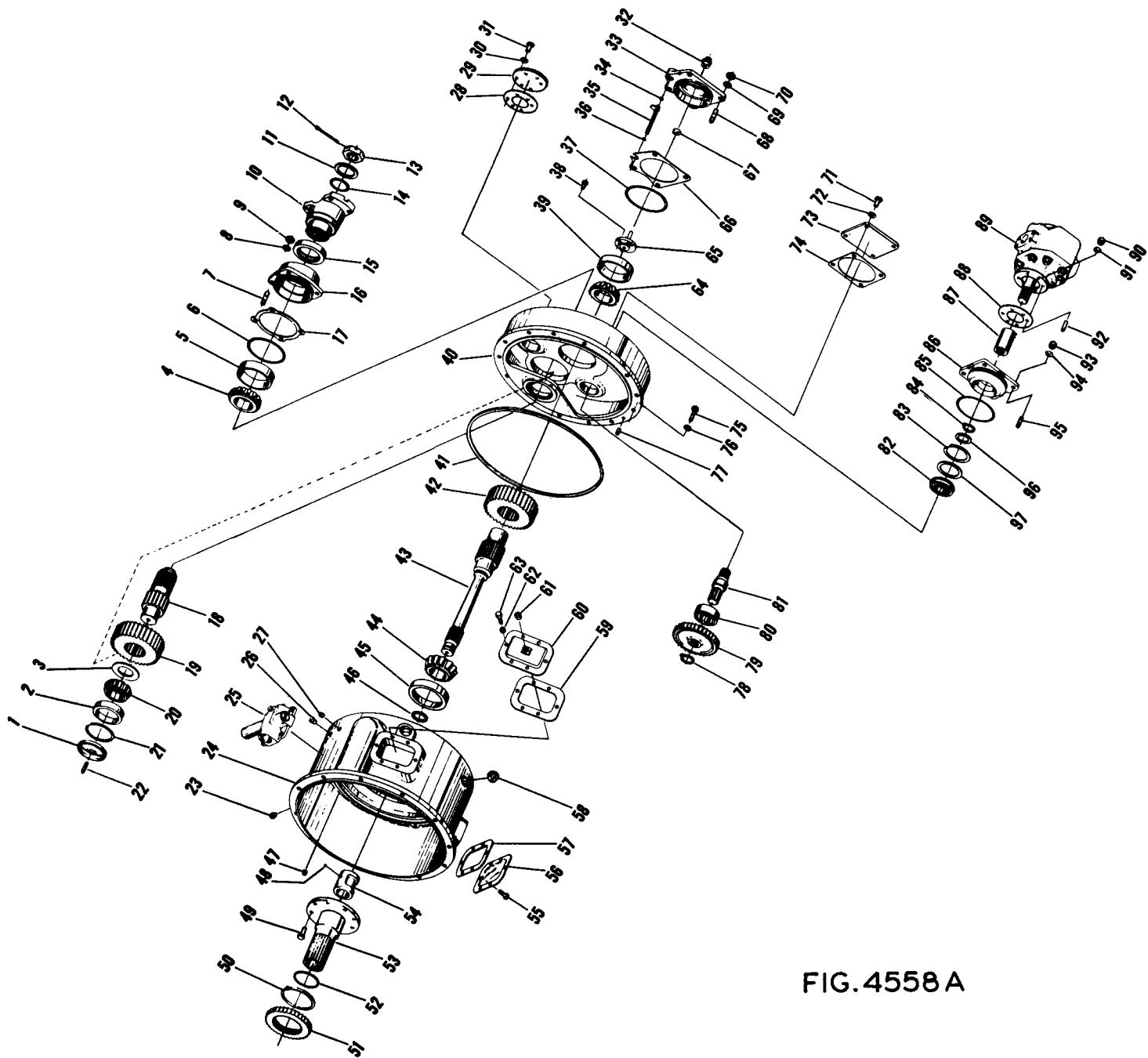


FIG. 4558 A

CONVERTER TORQUE

FIGURE 4558A

CONVERTER ASSEMBLY

282417

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	222027	1	BAFFLE, OIL	51	222035	1	GEAR, OIL PUMP DRIVE
2	675543	1	CUP, FRONT BEARING	52	209673	1	RING, PISTON
3	218738	1	SPACER, FRONT BEARING	53	218723	1	SLEEVE ASSY, STATOR SUPPORT
4	710791	1	CONE, REAR BEARING	54	218725	1	SLEEVE, OIL DISTRIBUTOR
5	710790	1	CUP, REAR BEARING	55	208261	12	SCREW & LOCKWASHER
6	25K-40420	1	"O" RING, BEARING CAP	56	201398	2	COVER, HOUSING INSPECTION
7	204347	4	STUD, BEARING CAP	57	201400	3	GASKET, HOUSING INSPECTION
8	4E-08	4	LOCKWASHER	58	13F-20	4	PLUG, DRAIN
9	8D-08	4	NUT	59			SEE ITEM 57
10	218748	1	OUTPUT FLANGE & RING ASSEMBLY- INC. ITEM 10A	60	226856	1	INSPECTION ASSY, HOUSING COVER
	218747	1	RING, OUTPUT FLANGE	61	16F-06	1	PLUG, VENT
11	222181	1	WASHER, FLANGE	62			PART OF ITEM 63
12	1F-632	1	COTTER	63	208261	6	SCREW
13	201262	1	NUT, FLANGE	64	710791	1	CONE, BEARING
14	25K-60204	1	"O" RING, FLANGE	65			NOT USED ON THIS MODEL
15	225763	1	SEAL, BEARING CAP OIL	66	218739	AR	SHIM, BEARING CAP - .004
16	218791	1	SEAL ASSEMBLY, BEARING CAP & OIL INCLUDING ITEM 15	66A	218740	AR	SHIM, BEARING CAP - .007
				66B	218741	AR	SHIM, BEARING CAP - .010
17	218742	AR	SHIM, BEARING CAP - .004	67			NOT USED ON THIS MODEL
	218743	AR	SHIM, BEARING CAP - .007	68	204347	4	STUD, BEARING CAP
	218744	AR	SHIM, BEARING CAP - .010	69	4E-08	4	LOCKWASHER
18	218733	1	SHAFT, OUTPUT	70	8D-08	4	NUT
19	218871	1	GEAR, OUTPUT SHAFT	71	1C-814	4	SCREW
20	731283	1	CONE, FRONT BEARING	72	4E-08	4	LOCKWASHER
21	223900	1	SNAPRING, FRONT BEARING	73	216355	1	COVER, PERMANENT PUMP HOLE
22	222031	1	TUBE, OIL	74	552161	1	GASKET
23	40K-04	1	PLUG, PIPE	75	1C-722	12	SCREW
24	227065	1	HOUSING, CONVERTER	76	4E-07	12	LOCKWASHER
25	228499	1	VALVE ASSY. PRES REG. (See Index)	77	214295	1	PIN, DOWEL
26	40K-04	1	PLUG, PIPE	78	224036	3	SNAPRING
27	40K-02	1	PLUG, PIPE	79	222037	3	GEAR, PUMP DRIVE
28	223125	1	GASKET, PERMANENT COVER	80	225385	3	BEARING, PUMP SHAFT FRONT
29	223124	1	COVER, PERMANENT	81	216095	3	SHAFT, PUMP DRIVE
30	1C-612	3	SCREW, PUMP COVER	82	226025	3	BEARING, PUMP SHAFT REAR
31	4E-06	3	LOCKWASHER	83	223961	3	SNAPRING
32	16F-04	1	PLUG, TURBINE SHAFT	84	224039	3	SNAPRING
33	218864	1	CAP, BEARING	85	25K-40416	1	"O" RING, PUMP ADAPTER
34	25K-30012	1	"O" RING, LUBE TUBE	86	227034	1	ADAPTER, PUMP
35	218737	1	TUBE, LUBE	87	221992	1	SLEEVE, CHARGING PUMP
36	25K-30012	1	"O" RING, LUBE TUBE	88	551906	1	GASKET, CHARGING PUMP
37	25K-40424	1	"O" RING, BEARING CAP	89	450245	1	PUMP, CONVERTER CHARGING
38			NOT USED ON THIS MODEL	90	8D-06	3	NUT
39	710790	1	CUP, BEARING	91	4E-06	3	LOCKWASHER
40	227064	1	COVER, HOUSING REAR	92	203253	3	STUD, CHARGING PUMP
41	218779	1	"O" RING, COVER TO HOUSING	93			NOT USED ON THIS MODEL
42	218871	1	GEAR, TURBINE SHAFT	94	4E-08	4	LOCKWASHER
43	218731	1	SHAFT, TURBINE	95	1C-820	4	BOLT, PUMP ADAPTER (Not as shown)
44	226027	1	CONE, BEARING	96	100838	3	WASHER, REAR BEARING-INNER
45	226026	1	CUP, BEARING	97	222038	3	WASHER, REAR BEARING-OUTER
46	223570	1	RING, PISTON	98	214941	1	SEAL, OIL BAFFLE OIL
47	40K-04	1	PLUG, PIPE				
48	10J-08	1	BALL				
49	8C820	8	SCREW, SLEEVE				
50	224009	1	SNAPRING				

NOTE: PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY NOS., THEY ARE NOT WABCO.

(See Following Page for Balance of Parts)

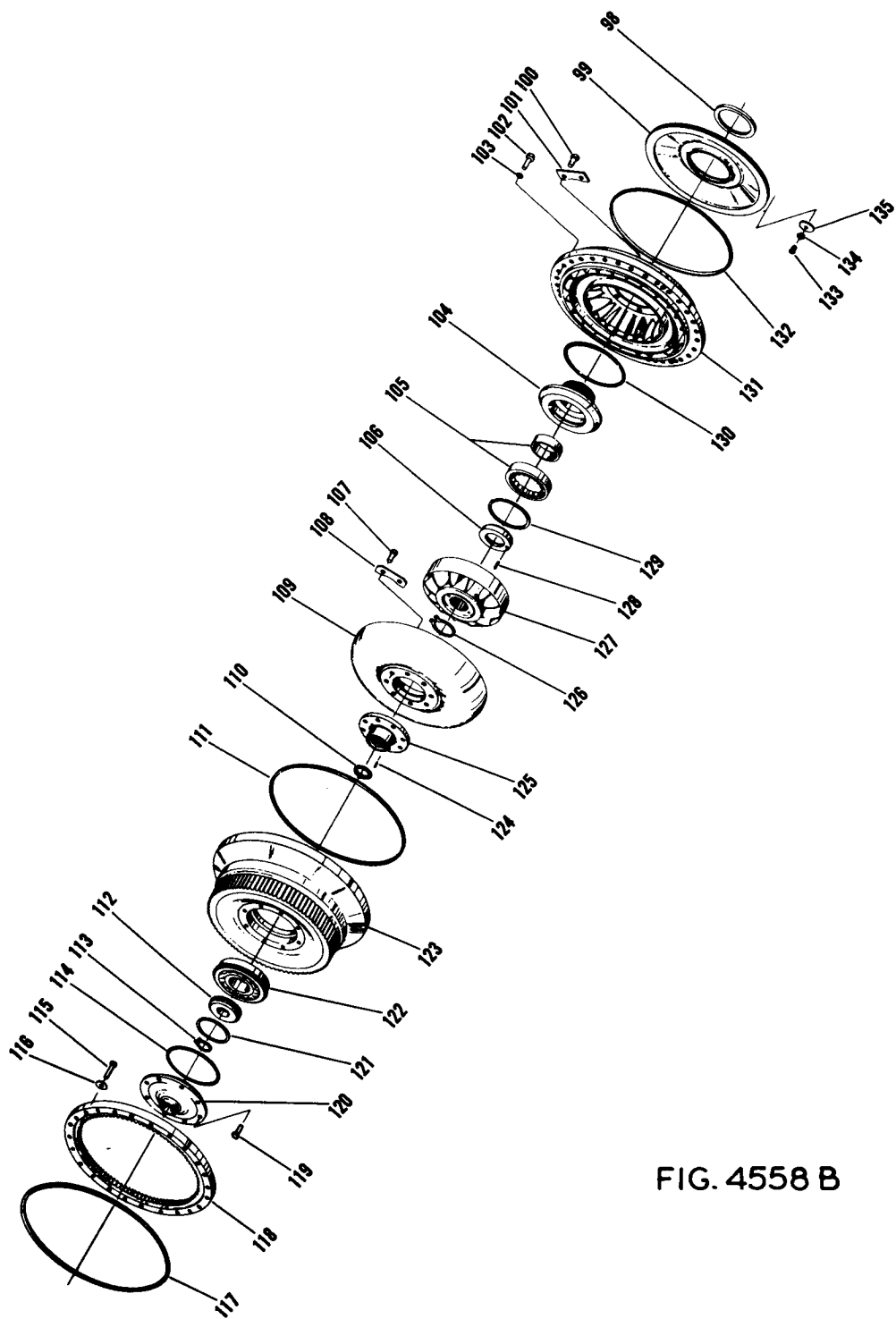


FIG. 4558 B

CONVERTER, TORQUE

Ref. No.	Part No.	Qty.	Description
99	218721	1	BAFFLE, OIL
100	222221	8	SCREW, IMPELLER TO HUB
101	222019	4	LOCKPLATE
102	1C-622	30	SCREW, IMPELLER TO COVER
103	4E-06	30	LOCKWASHER
104	222269	1	HUB, IMPELLER
105	225778	1	BEARING, IMPELLER HUB
106	218782	1	SPACER, REACTION MEMBER
107	222223	8	SCREW, TURBINE TO HUB
108	222008	4	LOCKPLATE
109	222268	1	TURBINE
110	223866	1	SNAPRING, TURBINE HUB
111	218778	1	"O" RING, IMPELLER TO COVER
112	218855	1	RETAINER, BEARING
113	663834	1	SNAPRING
114	60K-40608	1	"O" RING
115	OBSOLETE	12	SCREW, RING GEAR (See Item 118)
116	OBSOLETE	12	WASHER (See Item 118)
118	801681	1	GEAR ASSEMBLY, FLYWHEEL RING
	226595	1	GEAR, FLYWHEEL RING
	229768	24	STUD, RING GEAR TO FLYWHEEL
	228987	96	WASHER, BELLEVILLE
	230647	24	NUT
	230709	1	INFORMATION, ASSEMBLY AND BAG & TAG
	230594	1	PLATE, RING-GEAR BACKING
119	8C-716	8	SCREW
120	218717	1	CAP, IMPELLER COVER
121	211323	1	RING, PISTON
122	225781	1	BEARING, FRONT
123	218870	1	COVER, IMPELLER
124	221478	2	PIN, RETAINER DOWEL
125	218753	1	HUB, TURBINE
126	711161	1	SNAPRING
127	218860	1	MEMBER, REACTION
128	302602	1	PIN, ROLL
129	223988	1	SNAPRING
130	60K-40700	1	"O" RING
131	222271	1	IMPELLER
132	218777	1	"O" RING
133	1C-612	3	SCREW
134	5E-06	3	LOCKWASHER
135	616786	3	WASHER
136	227265	1	VALVE ASSEMBLY, AIR BREATHER CHECK - NOT ILLUSTRATED
137	211433	1	BREATHER, AIR - NOT ILLUSTRATED
138	19F-16	1	BUSHING, REDUCING - NOT ILLUSTRATED
139	220725	1	PLATE, NAME - NOT ILLUSTRATED
140	207873	2	SCREW, NAME PLATE - NOT ILLUSTRATED

NOTE: PART NUMBERS ON THIS PAGE ARE CLARK EQUIPMENT COMPANY NOS., THEY ARE NOT WABCO.

(See Preceding Page For Balance of Parts)

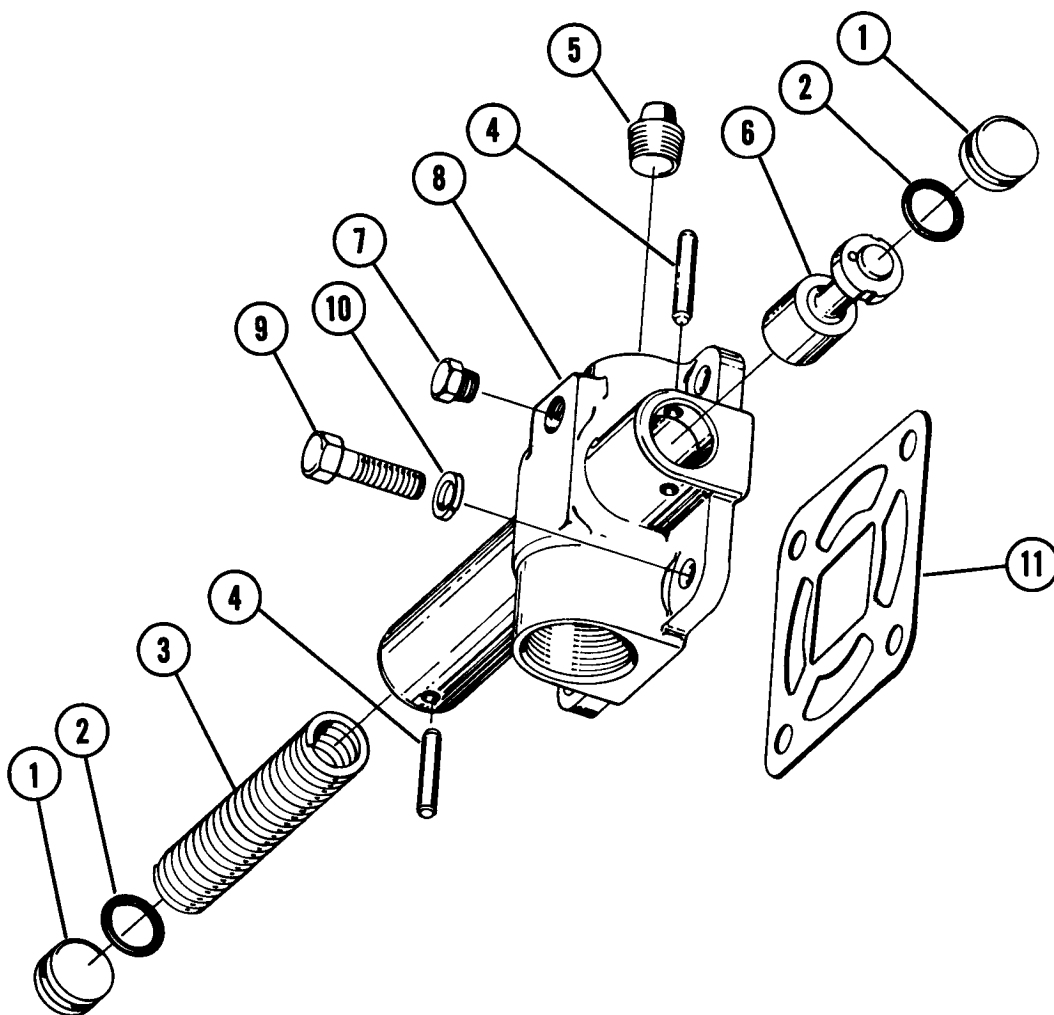


FIG. 4540

VALVE, DOWNSTREAM PRESSURE REGULATING

FIGURE 4540

VALVE, DOWNSTREAM PRESSURE REGULATING

Ref. No.	Part No.	Qty.	Description
	228499		ASSEMBLY, VALVE, PRESSURE REGULATING
1	222041	2	STOP, PISTON
2	25K-40024	2	"O" RING
3	214668	1	SPRING, PRESSURE
4	633157	2	PIN, ROLL, PISTON STOP
5	13F-08J	1	PLUG, PIPE
6	228500	1	PISTON, REGULATING VALVE
7	40K-04J	1	PLUG, PRESSURE TAP PIPE
8	227076	1	BODY, PRESSURE REGULATING VALVE
9	1C-722J	4	SCREW, VALVE TO HOUSING
10	4E-07J	4	LOCKWASHER
11	227087	1	GASKET
12	227292	1	SPRING, REGULATOR (Not Shown)

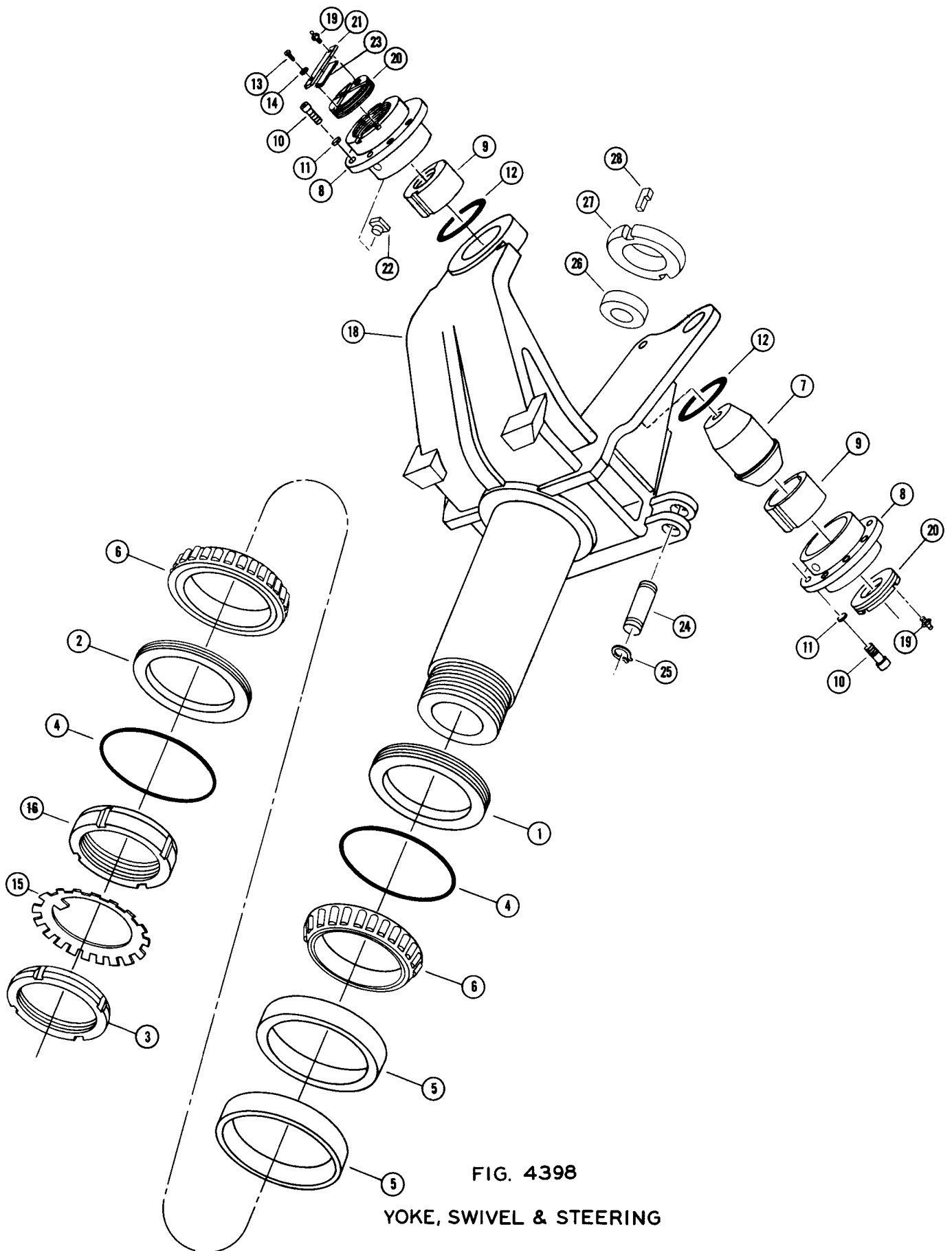


FIG. 4398

YOKE, SWIVEL & STEERING

FIGURE 4398

YOKE, SWIVEL & STEERING

Ref. No.	Part No.	Qty.	Description
1	300003	1	SEAL PLATE, LUBE
2	300004	1	SEAL PLATE, LUBE
3	KB8550	1	JAMNUT, SWIVEL
4	508182	2	O RING
		2	BEARING ASSEMBLY
5	508838	1	CONE, BEARING
6	508837	1	CUP, BEARING
7	KB4025	2	PIN, YOKE HINGE
8	KC0080	4	CAP, FLANGE, YOKE HINGE
9	KB4028	4	BUSHING, YOKE HINGE
10	503104	24	CAPSCREW, 3/4" NF SOCKET
11	500938	24	LOCKWASHER, 3/4" SPRING
12	508169	4	O RING
13	714241	8	SCREW, 10-32 MACHINE
14	714238	8	WASHER, INTERNAL STAR
15	500976	1	LOCKWASHER
16	KA5921	1	NUT, SWIVEL
18	JG1144	1	YOKE STRUCTURE, SWIVEL
19	501269	4	FITTING, 1/4" NF GREASE
20	KC0081	4	CAP, TAKE-UP
21	KC0082	4	CAP, LOCK
22	KB7557	4	KEY, HINGE BUSH DOWEL
23	KC2809	AR	SHIM, CAP LOCK
24	KB1593	2	PIN, OSCILLATION DAMPENER
25	508605	4	RING, RETAINING
26	709003	1	BEARING, FRONT DRIVELINE
27	300023	1	CARRIER, BEARING
28	KA0278	2	LOCK (WELD-ON), BEARING CARRIER
			EFFECTIVE WITH SERIAL #457. HOWEVER, PRIOR UNITS CAN BE UPGRADED TO THIS BY ORDERING ITEMS 8, 13, 14, 20, 21 AND 23.

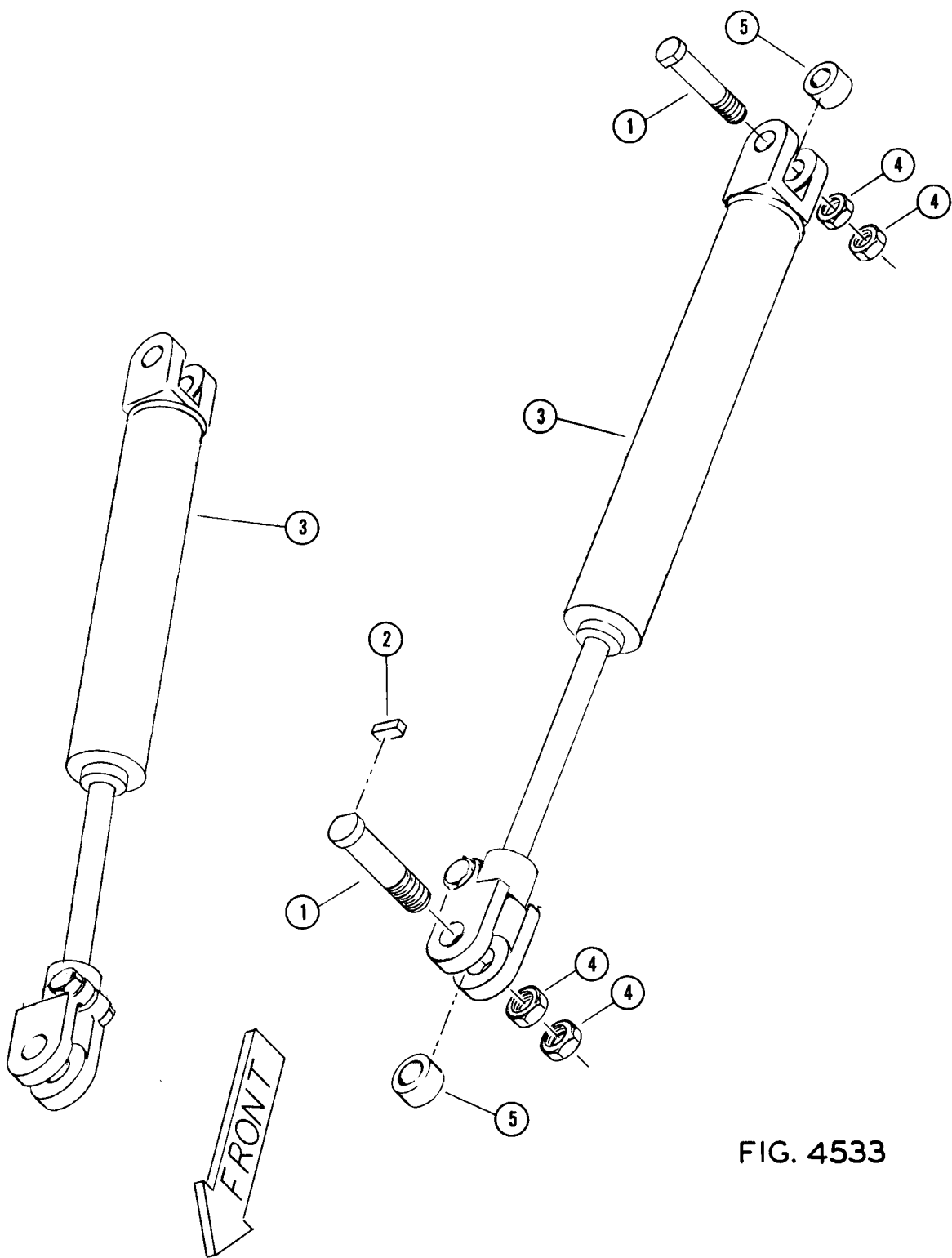


FIG. 4533

CYLINDER INSTALLATION, STEERING

FIGURE 4533 CYLINDER INSTALLATION, STEERING

Ref. No.	Part No.	Qty.	Description
1	300007	4	PIN
2	KA6945	2	STOP, PIN
3		2	CYLINDER, STEERING (See Index)
4	500028	8	JAMNUT, 1 1/2"NF
5	508773	4	BEARING

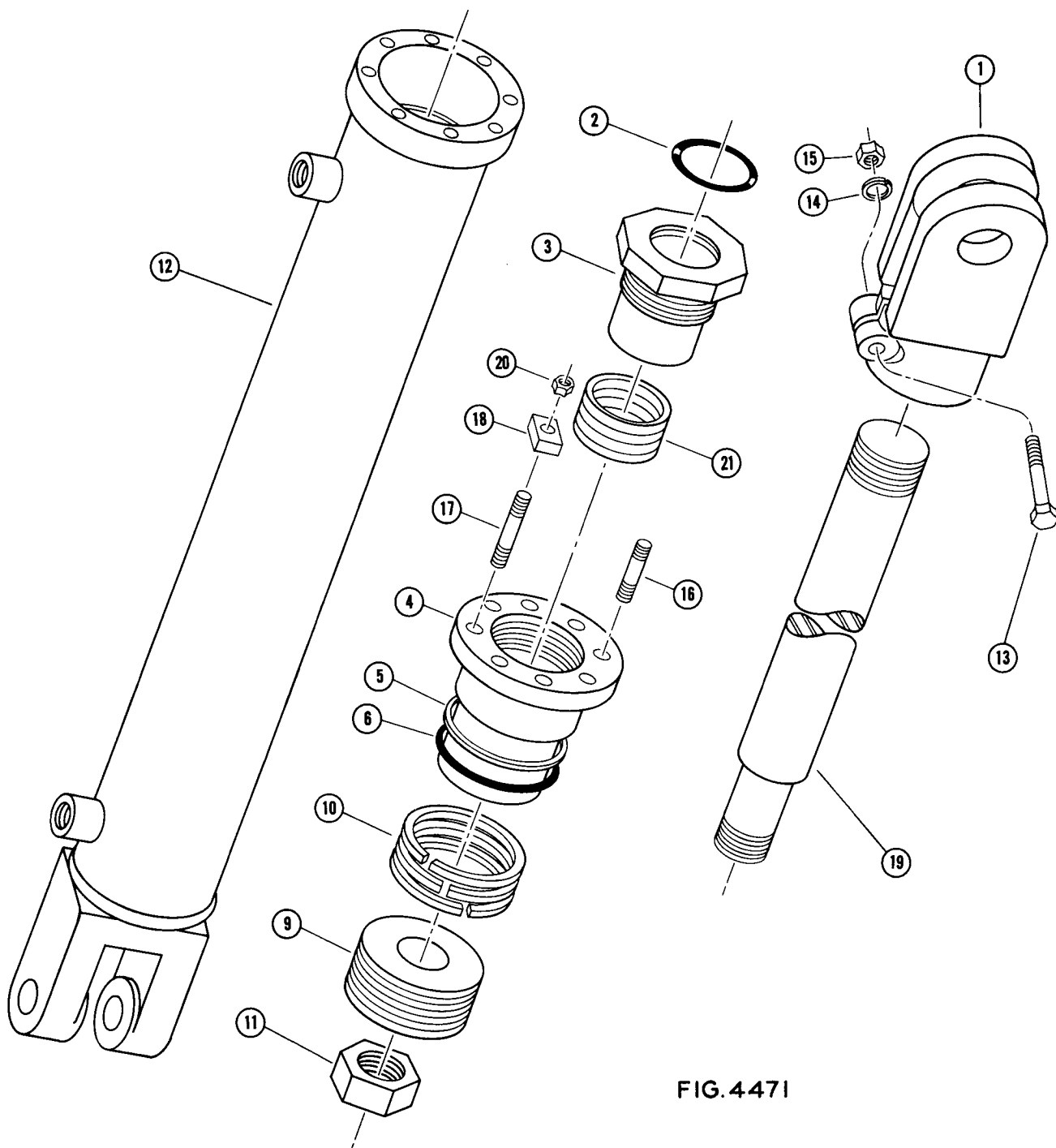


FIG. 4471

CYLINDER, STEERING

FIGURE 4471 CYLINDER, STEERING - 3 1 / 4 " - J G 1 5 6 0

Ref. No.	Part No.	Qty.	Description
1	KA4747	1	EYE, STEM
2	507699	1	WIPER, STEM
3	KA4738	1	NUT, PACKING ADJUSTING
4	KB5677	1	GLAND, PACKING
5	508287	1	RING, BACKUP
6	508138	1	"O" RING
9	KB5668	1	PISTON
10	506832	3	RING, PISTON
11	KA7567	1	NUT, STEM
12	KB5684	1	HOUSING & BASE
13	500340	1	CAPSCREW - 1"NF
14	500940	1	LOCKWASHER - 1"
15	500024	1	JAMNUT - 1"NF
16	503117	7	STUD - 7/16"
17	503141	1	STUD - 7/16"
18	KB5669	1	LOCK
19	KB5612	1	STEM
20	502555	8	NUT, 7/16"NF ELASTIC STOP
21	507762	1	PACKING, STEM
(Effective With Serial Nos. 450, 451 and 460 Only)			

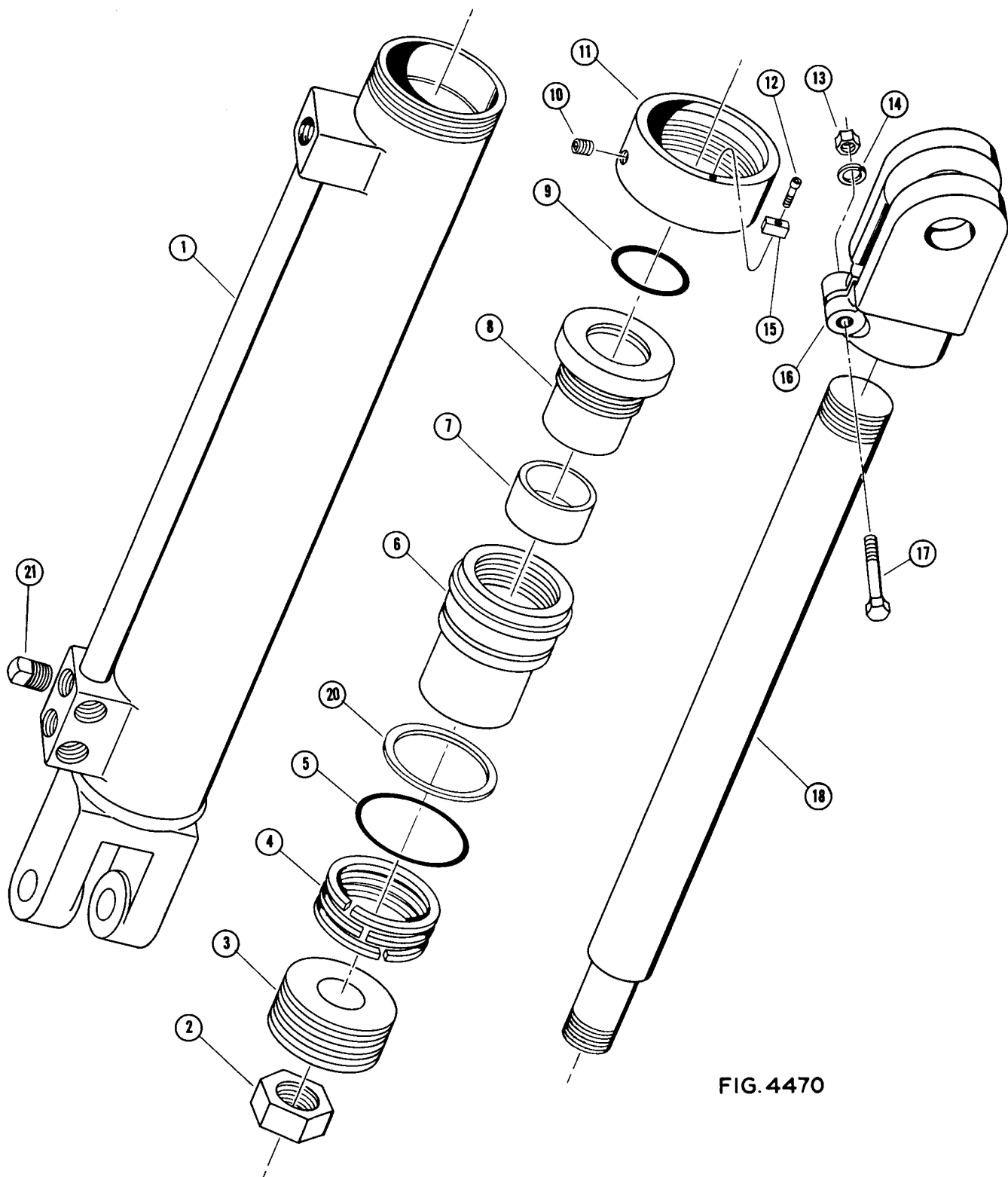


FIG. 4470

CYLINDER, STEERING

FIGURE 4470

CYLINDER , STEERING

JG0488

Ref. No.	Part No.	Qty.	Description
1	KA4741	1	HOUSING
2	KA7567	1	NUT, STEM
3	KA4746	1	PISTON
4	506810	3	RING, PISTON
5	508209	1	"O" RING
6	KA7971	1	GLAND, PACKING
7	507762	1	PACKING, STEM
8	KA4738	1	BUSHING, STEM
9	507699	1	WIPER, STEM
10	503102	1	SCREW, SET
11	KA4740	1	NUT, CYLINDER HEAD
12	501356	1	CAPSCREW, SOCKET HEAD
13	500024	1	JAMNUT - 1"NF
14	500940	1	LOCKWASHER - 1"
15	KA4791	1	LOCK, GLAND
16	KA4747	1	EYE, CYLINDER STEM
17	500341	1	CAPSCREW - 1"NF
18	KB5612	1	STEM
20	508287	1	RING, BACKUP
21	502052	7	PLUG - 1/2"NPT
NOTE: THIS ASSEMBLY NOT USED WITH SERIAL NOS. 450, 451 AND 460.			

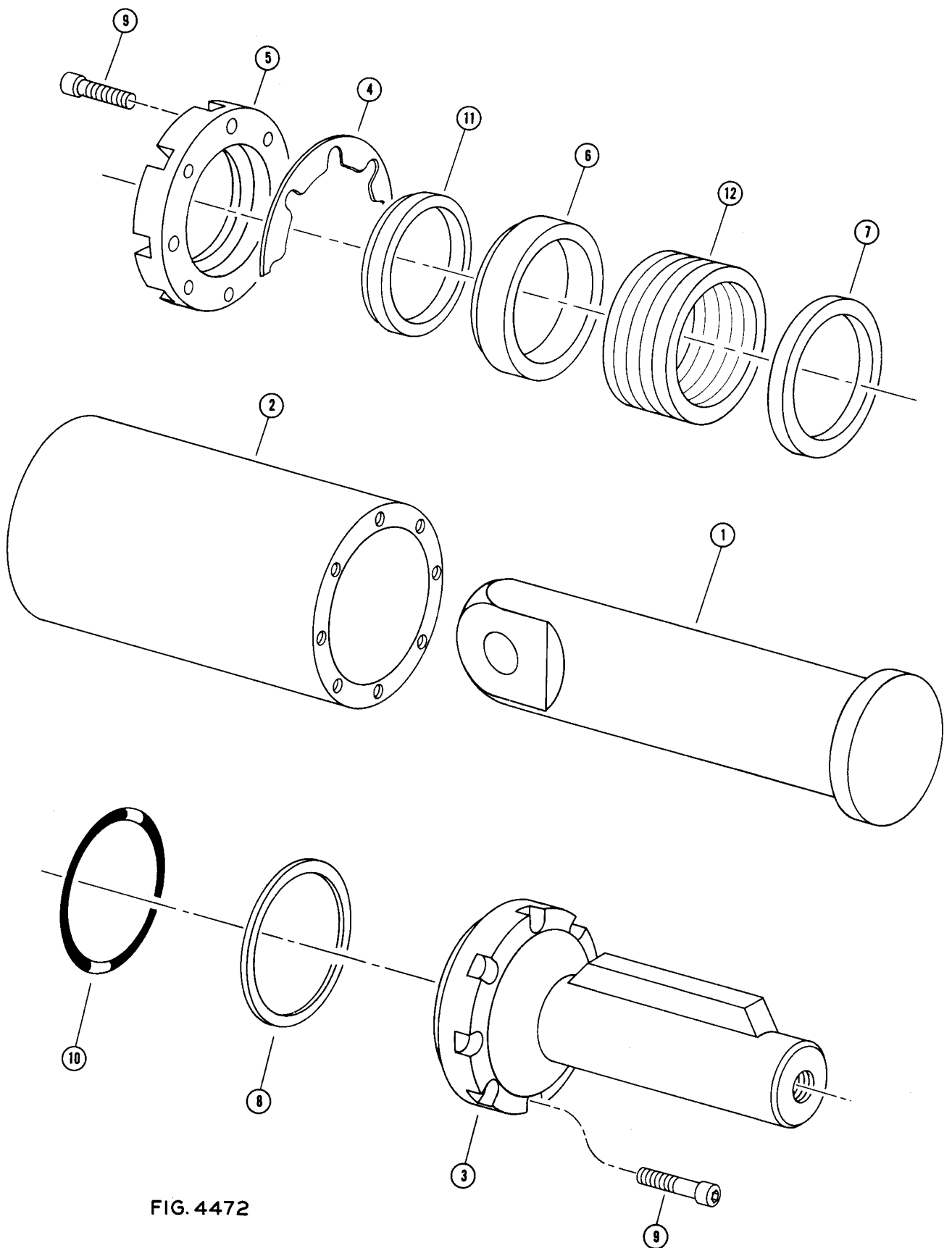


FIG. 4472

CYLINDER, OSCILLATION DAMPENER

FIGURE 4472

CYLINDER, OSCILLATION DAMPENER - KB4172

Ref. No.	Part No.	Qty.	Description
1	KB2454	1	STEM
2	KB4164	1	HOUSING
3	KB4296	1	BASE, SHAFT
4	KB4267	4	RING, TAKE-UP
5	KB4161	1	PLATE, BACK
6	KB4166	1	BUSHING, STEM
7	KB2948	1	BUSHING, STEM
8	508283	4	RING, BACK-UP
9	502478	16	CAPSCREW - 5/16"NF SOCKET HEAD
10	508139	1	"O" RING
11	507704	1	RING, WIPER
12	507779	1	PACKING, STEM

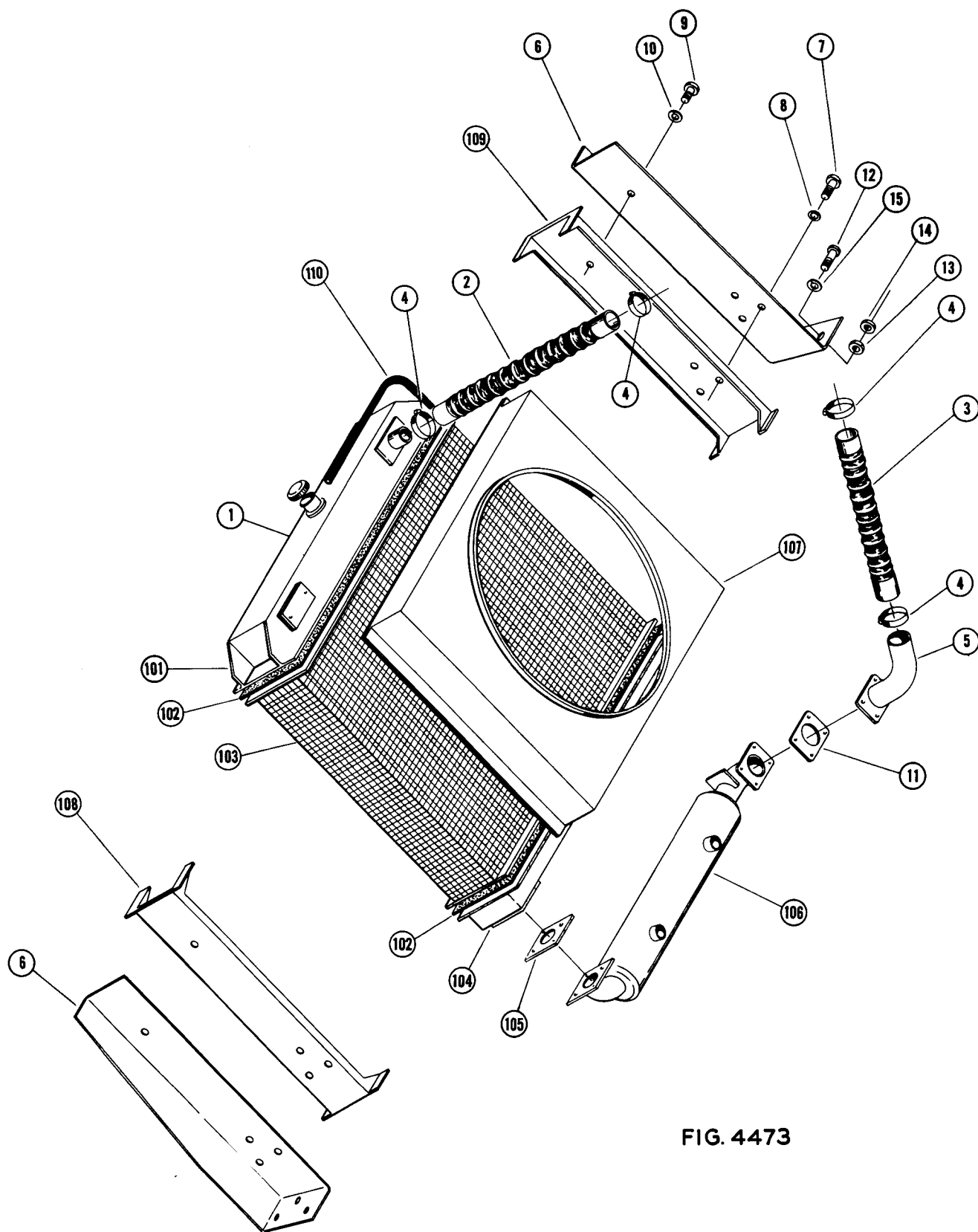


FIG. 4473

COOLING-CUMMINS ENGINE

FIGURE 4473 COOLING , CUMMINS ENGINE

Ref. No.	Part No.	Qty.	Description
1	506659	1	RADIATOR ASSEMBLY
101	VS1847	1	TANK, TOP
102	VS1848	2	GASKET, RADIATOR TANK
103	VS1849	1	CORE
104	VS1850	1	TANK, BOTTOM
105	VS1851	1	GASKET, OIL COOLER
106	VS1852	1	COOLER, OIL
107	VS1853	1	SHROUD, RADIATOR
108	VS1854	1	SIDE STRUCTURE, RIGHT HAND
109	VS1855	1	SIDE STRUCTURE, LEFT HAND
110	VS1856	1	TUBE, OVERFLOW
2	505648	20"	HOSE, RADIATOR (Specify Length)
3	505548	14"	HOSE, RADIATOR (Specify Length)
4	501311	4	CLAMP, HOSE
5	KB3713	1	ADAPTER, COOLER TO RADIATOR HOSE
6	KB 925	2	SUPPORT, RADIATOR (Specify Right or Left Hand)
7	500457	6	CAPSCREW - 3/8"NC
8	500933	6	LOCKWASHER - 3/8"
9	500503	6	CAPSCREW - 1/2"NC
10	500935	6	LOCKWASHER - 1/2"
11	KB4938	1	GASKET
12	500509	6	CAPSCREW - 1/2"NC
13	500048	6	NUT - 1/2"NC
14	500070	6	JAMNUT - 1/2"NC
15	500907	6	FLATWASHER - 1/2"
NS	VS1862	1	CAP, RADIATOR (Included in 506659 Assy)
(MODEL 350)			

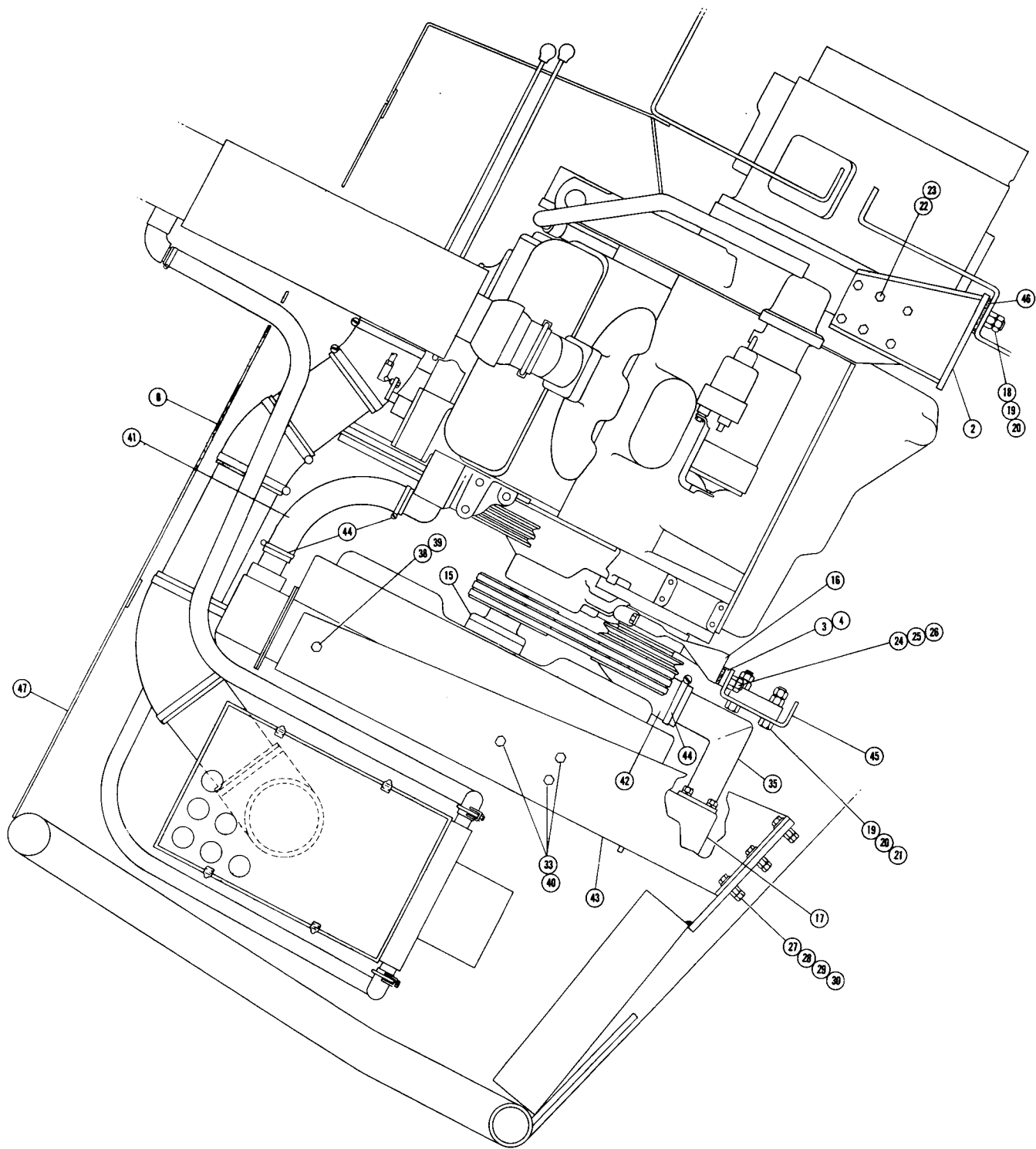


FIG. 4541

COOLING & MOUNTING-GMC ENGINE

FIGURE 4541 COOLING & MOUNTING , GMC ENGINE

Ref. No.	Part No.	Qty.	Description
2	KB2773	1	SUPPORT STRUCTURE, ENGINE FRONT
3	KB2771	1	BAR, REAR ENGINE SUPPORT
4	KB8698	1	PAD, REAR ENGINE MOUNT
8	KB2840	1	HOOD, GMC ENGINE
15	GMC	(1)	CAP & FAN SPACER
16	GMC	(1)	MOUNT, TRUNNION
17	506658	1	RADIATOR ASSEMBLY
	VS1862	1	CAP, RADIATOR
	VS1863	1	TANK, RADIATOR TOP
	VS1849	1	CORE, RADIATOR
	VS1848	2	GASKET, CORE TO TANK
	VS1864	1	TANK, RADIATOR BOTTOM
	VS1853	1	SHROUD, RADIATOR
18	500290	2	CAPSCREW, 3/4"NF
19	503053	10	NUT, 3/4"NF
20	500022	10	JAMNUT, 3/4"NF
21	500292	8	CAPSCREW, 3/4"NF
22	500560	12	CAPSCREW, 5/8"NC
23	500937	12	LOCKWASHER, 5/8" SPRING
24	500567	2	CAPSCREW, 5/8"NC
25	500050	2	NUT, 5/8"NC
26	500072	2	JAMNUT, 5/8"NC
27	500509	6	CAPSCREW, 1/2"NC
28	500048	6	NUT, 1/2"NC
29	500070	6	JAMNUT, 1/2"NC
30	500906	6	FLATWASHER - 1/2"
33	500933	6	LOCKWASHER, 3/8" SPRING
35	JG2036	1	ADAPTER, LOWER RADIATOR HOSE
38	500935	2	LOCKWASHER, 1/2" SPRING
39	500503	2	CAPSCREW - 1/2"NC
40	500457	6	CAPSCREW - 3/8"NC
41		2	HOSE, RADIATOR TOP, 2"ID X 15"
42		1	HOSE, RADIATOR BOTTOM, 2 3/4"ID X 15"
43	KB 925	2	SUPPORT, RADIATOR
44	501311	6	CLAMP, RADIATOR HOSE
45	KB 851	1	CHANNEL, ENGINE SUPPORT
46	KB 845	1	PAD, FRONT ENGINE MOUNT
47	JG1922	1	GRILL STRUCTURE

(Model 350)

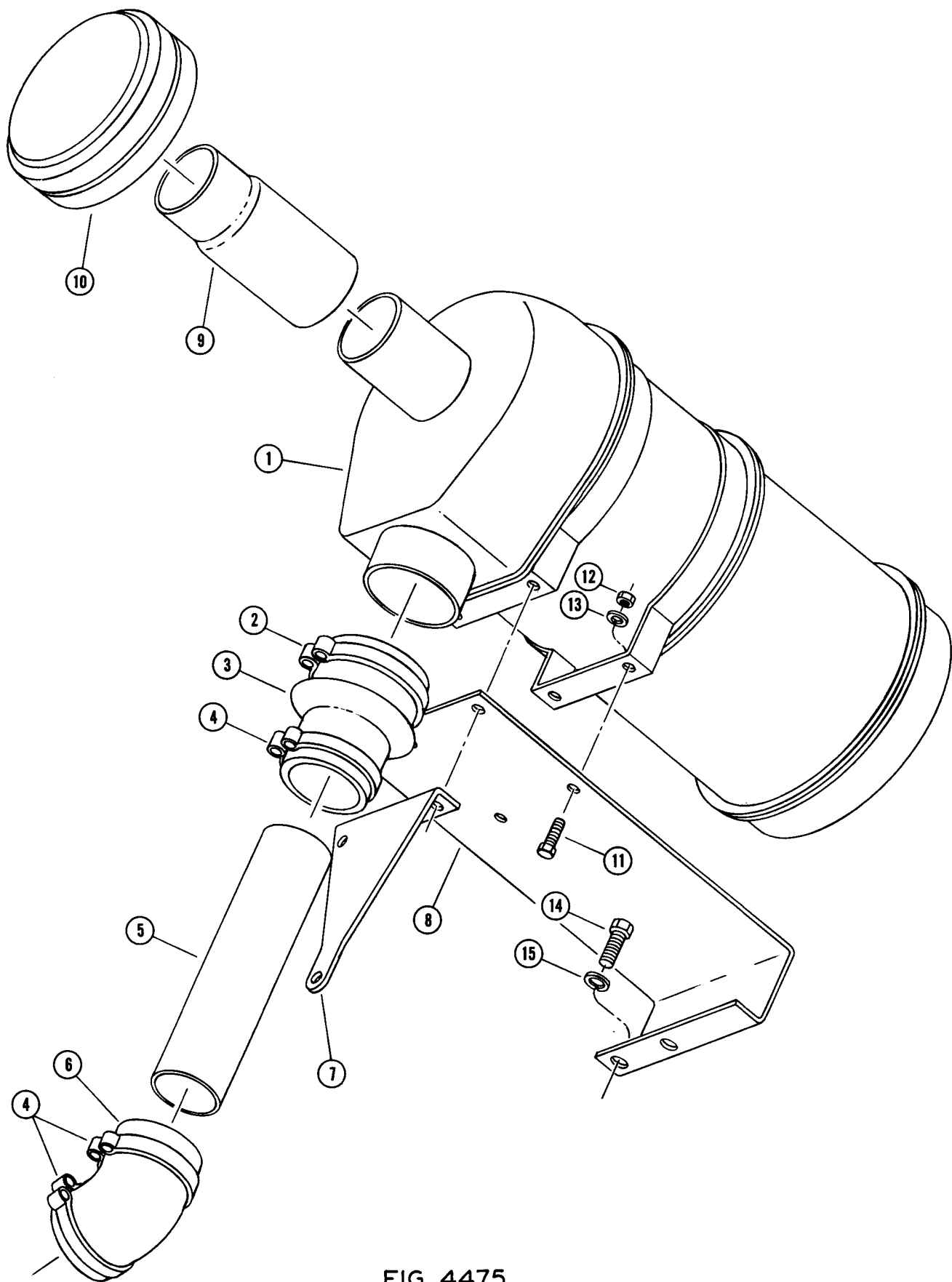


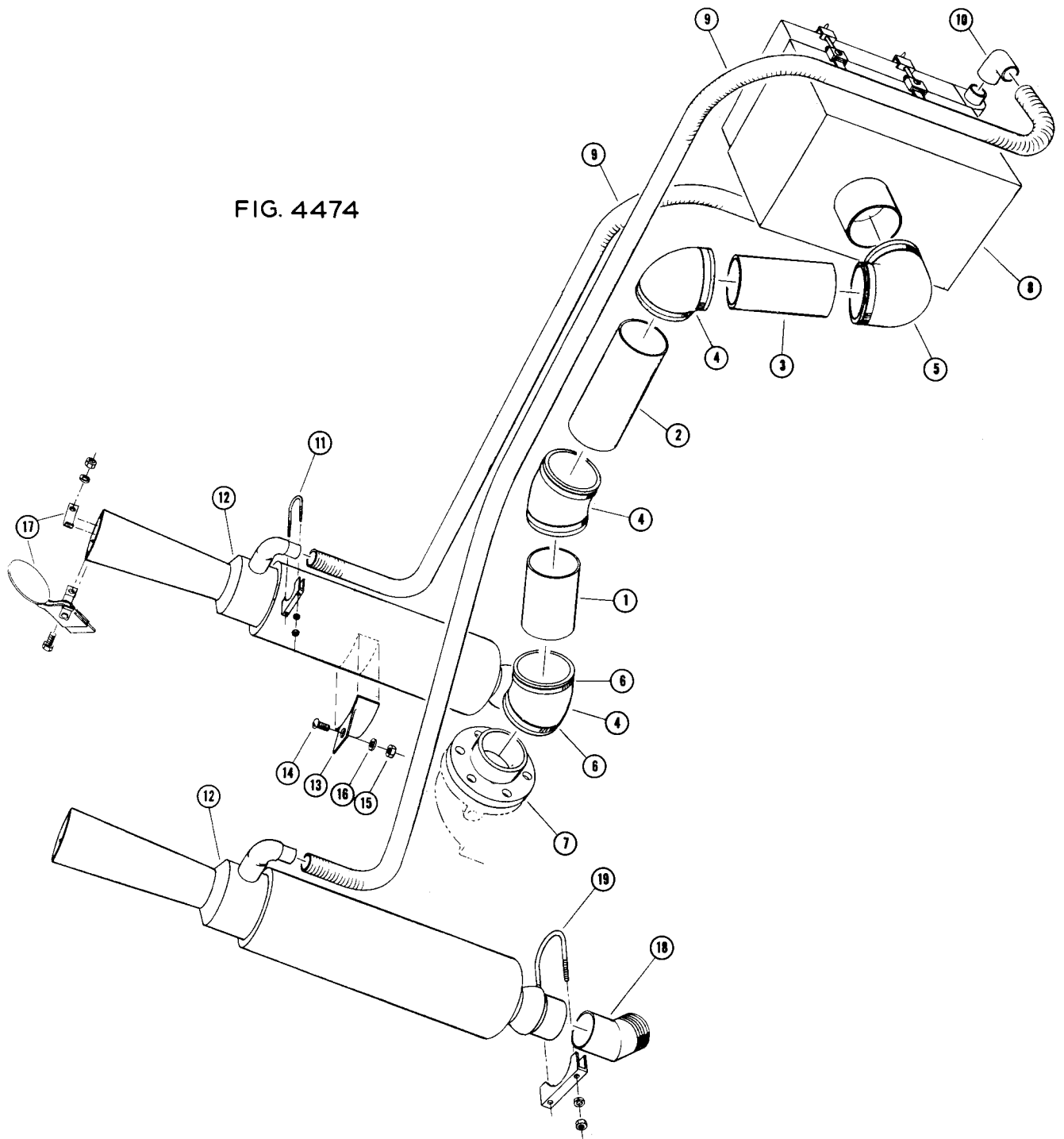
FIG. 4475

AIR CLEANER (CUMMINS)

FIGURE 4475 AIR CLEANER , CUMMINS ENGINE

Ref. No.	Part No.	Qty.	Description
1	500396	1	AIR CLEANER ASSEMBLY
	VS1846	AR	ELEMENT, AIR CLEANER
2	500407	1	CLAMP
3	500841	1	HOSE, HUMP
4	500837	3	CLAMP
5	KB4030	1	TUBE, AIR CLEANER
6	500838	1	ELBOW, RUBBER 4"
7	KB4015	1	BRACKET, TOP MOUNT
8	KB4016	1	BRACKET, MOUNTING
9	KB3553	1	TUBE, AIR INTAKE
10	500839	1	HOOD, AIR INTAKE
11	500160	4	CAPSCREW, 3/8"NF
12	500003	4	NUT - 3/8"NF
13	500933	4	LOCKWASHER - 3/8"
14	500506	2	CAPSCREW - 1/2"NC
15	500935	2	LOCKWASHER - 1/2"
EFFECTIVE WITH SERIAL #431 MODEL 350			

FIG. 4474



INTAKE & EXHAUST GMC ENGINE

FIGURE 4474 INTAKE & EXHAUST , GMC ENGINE

Ref. No.	Part No.	Qty.	Description
1	KB8516	1	TUBE
2	KB8517	1	TUBE
3	KB8518	1	TUBE
4		3	ELBOW - 45° (5 1/2")
5		1	ELBOW - 90° (5 1/2")
6	502619	8	CLAMP, HOSE
7	GMC	1	CUT TO 2" OVERALL LENGTH
8	GMC	1	AIR CLEANER
9		2	HOSE, FLEX, METAL (SPECIFY DIMENSIONS)
10		2	ELBOW - 90°
11		6	CLAMP, U-BOLT - 1 1/2"
12	JG1914	2	ASPIRATOR
13	JG1899	2	ANCHOR, MUFFLER (Weld-On)
14	714784	2	CAPSCREW - 3/8"NC
15	500046	2	NUT - 3/8"
16	500933	2	LOCKWASHER - 3/8"
17	TL4684	2	CAP, RAIN
18	KB2777	2	EXHAUST ELBOW
19		2	CLAMP, U-BOLT 3 1/2"

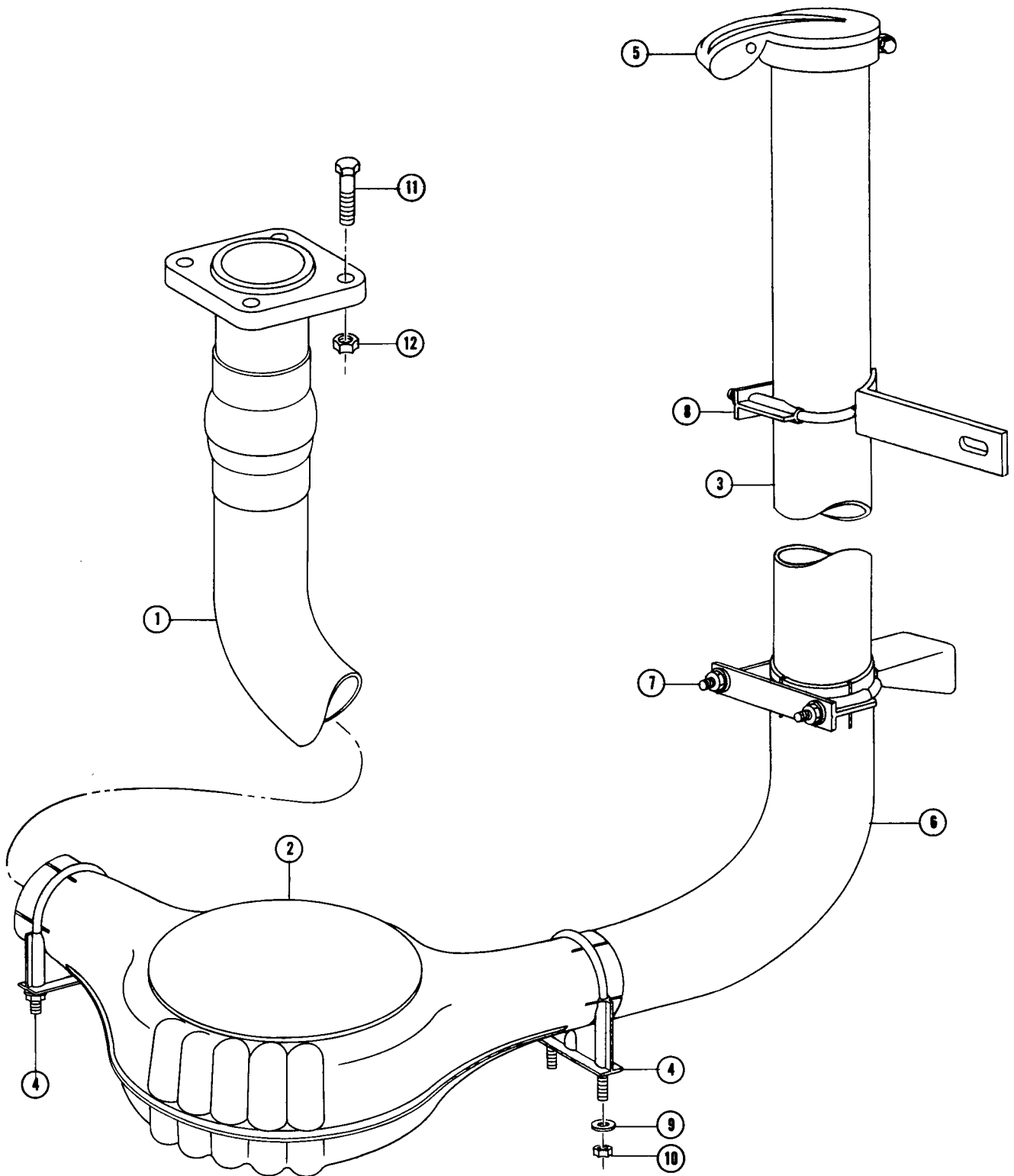


FIG. 4464
EXHAUST (CUMMINS)

FIGURE 4464 EXHAUST, CUMMINS ENGINE

Ref. No.	Part No.	Qty.	Description
1	KB1600	1	PIPE, EXHAUST
2	KB1197	1	MUFFLER
3	KB2238	1	TAILPIPE
4	505832	2	CLAMP ASSEMBLY (Including Items 9 and 10)
5	505833	1	CAP
6	KB2245	1	ELBOW
7	KB2427	1	BRACKET & CLAMP
8	KB2446	1	BRACKET & CLAMP
9	500904	8	FLATWASHER - 3/8"
10	500046	8	NUT - 3/8"NC
11	500209	4	CAPSCREW - 1/2"NF
12	500005	4	NUT - 1/2"NF

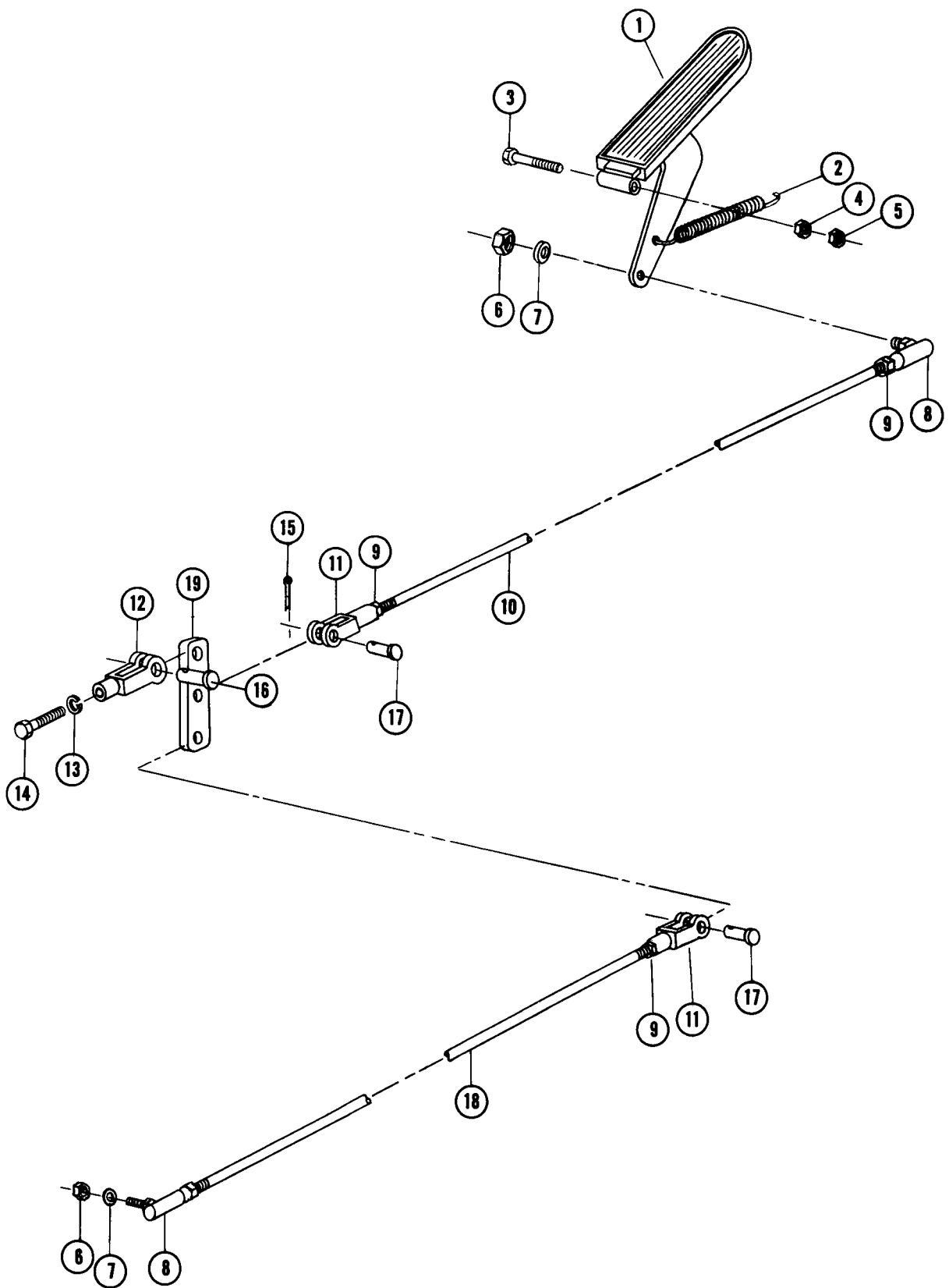


FIG. 4465

CONTROL, THROTTLE (CUMMINS)

FIGURE 4465 CONTROLS , THROTTLE (CUMMINS)

Ref. No.	Part No.	Qty.	Description
1	KA4913	1	PEDAL ASSEMBLY
2	506010	1	SPRING, RETURN
3	500169	1	CAPSCREW - 3/8"NF
4	500003	1	NUT - 3/8"NF
5	500017	1	JAMNUT - 3/8"NF
6	500002	2	NUT - 5/16"NF
7	500932	2	LOCKWASHER - 5/16"
8	507272	2	JOINT, BALL - 5/16"
9	500016	4	JAMNUT - 5/16"NF
10	KB1188	1	ROD
11	502886	2	YOKE - 5/16" CLEVIS
12	501218	1	YOKE - 3/8" CLEVIS
13	500933	1	LOCKWASHER - 3/8"
14	500161	1	CAPSCREW - 3/8"NF
15	500715	3	PIN, COTTER - 3/32"
16	501318	1	PIN, CLEVIS - 3/8"
17	501221	2	PIN, CLEVIS - 5/16"
18	KB1189	1	ROD
19	KA5013	1	BEAM, WALKING

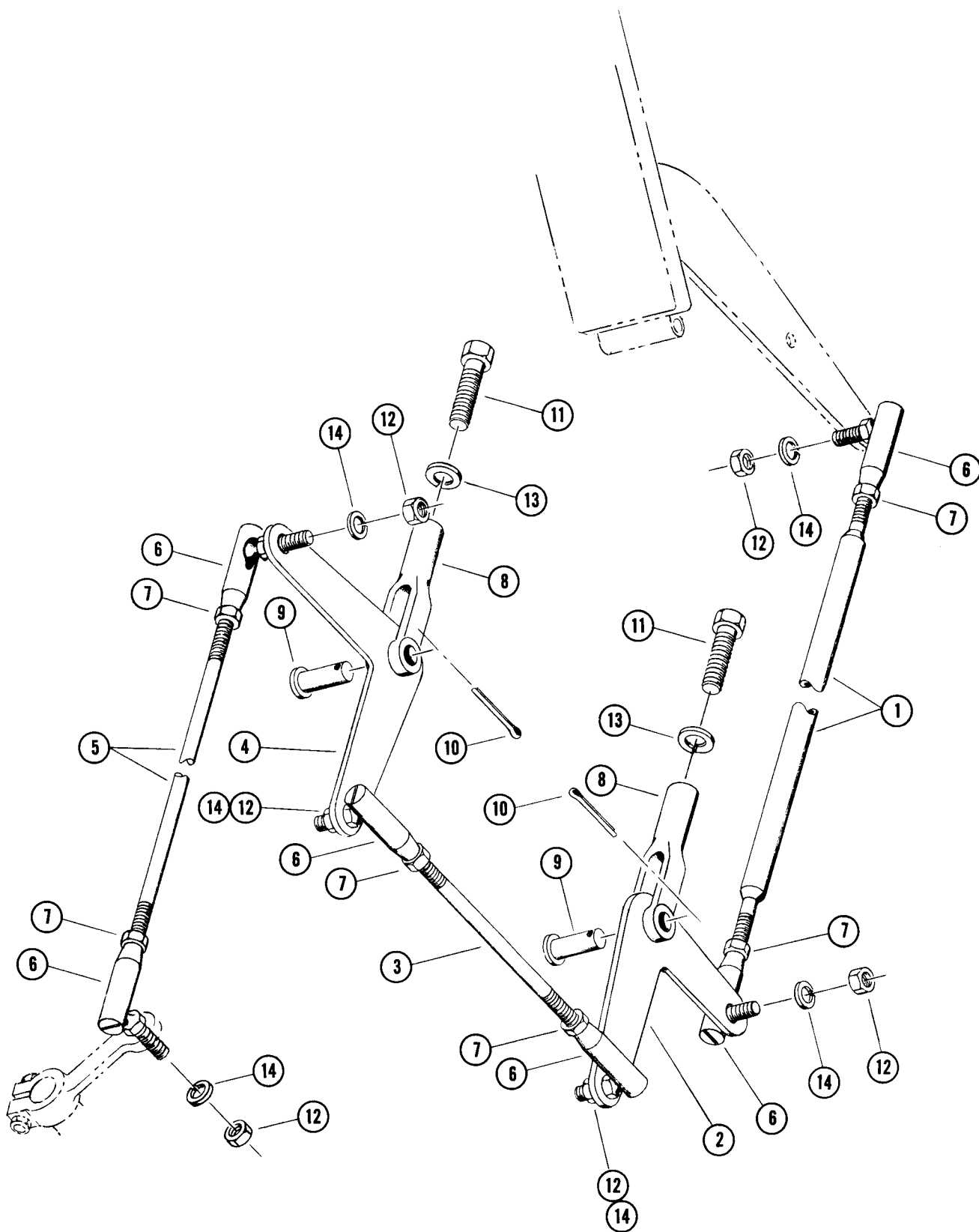


FIG. 4442

THROTTLE LINKAGE

FIGURE 4442 CONTROLS , THROTTLE (GMC)

Ref. No.	Part No.	Qty.	Description
1	KB3198	1	ROD STRUCTURE, FORWARD
2	KB3193	1	BELLCRANK, LOWER
3	KB3195	1	ROD, VERTICAL
4	KB3192	1	BELLCRANK, UPPER
5	KB3194	1	ROD, REAR
6	507272	6	JOINT, BALL - 5/16"NF
7	500016	6	JAMNUT - 5/16"NF
8	501220	2	YOKE - 1/2"NF CLEVIS
9	502889	2	PIN, CLEVIS - 1/2"
10	500724	2	PIN, COTTER - 1/8"
11	500206	2	CAPSCREW - 1/2"NF
12	500002	6	NUT - 5/16"NF
13	500935	2	LOCKWASHER - 1/2"
14		6	LOCKWASHER - 5/16"



CONTROLS-FRONT MECHANISM (MAIN VALVE)

FIGURE 4443

CONTROLS, FRONT MECHANISM (MAIN VALVE)

Ref. No.	Part No.	Qty.	Description
1	KB 686	1	KNOB, AUXILIARY
2	KB 684	1	KNOB, HOIST
3	KB 685	1	KNOB, BUCKET
4	KB4434	1	LEVER, LEFT
5	KB4435	1	LEVER, MIDDLE
6	KB4436	1	LEVER, RIGHT
7	502993	6	PIN, GROOVE
8	500209	4	CAPSCREW - 1/2"
9	500935	4	LOCKWASHER - 1/2"
10	502248	4	NUT - 1/2"NF
11	KB4422	3	LINKAGE, VALVE
12	500731	6	PIN, COTTER - 1/8"
13	KB4416	6	WASHER, BAR
14	504704	6	BUSHING, NYLON
15	KB4414	2	LINK, AUXILIARY
16	KB4413	2	LINK, HOIST
17	KB4412	2	LINK, BUCKET
18	KB4409	1	BAR, TOP
19	KB4410	1	BAR, MIDDLE
20	KB4411	1	BAR, BOTTOM
21	500728	6	PIN, COTTER - 1/8"
22	502905	6	PIN, CLEVIS - 1/2"

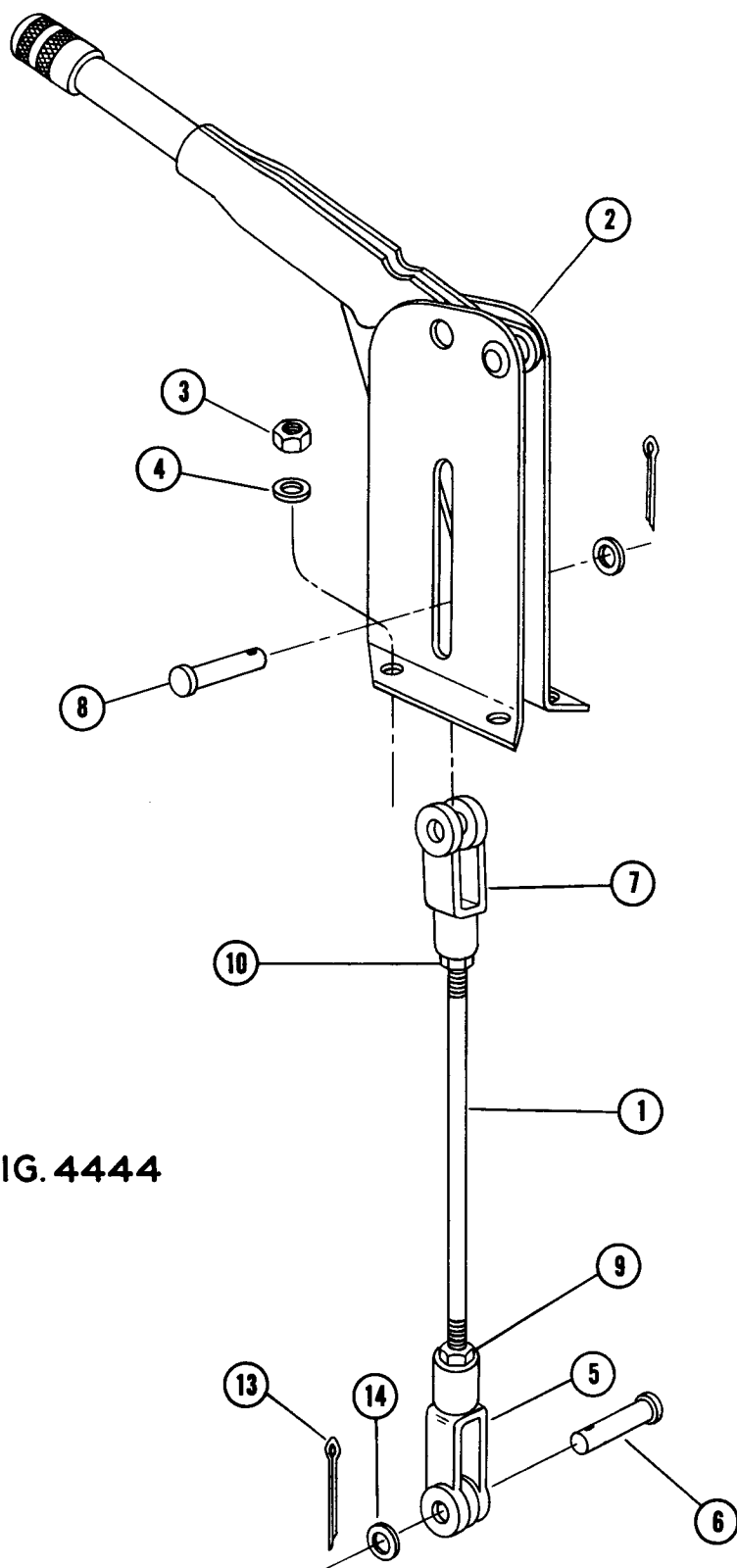


FIG. 4444

CONTROLS, PARKING BRAKE

FIGURE 4 4 4 4

CONTROLS , PARKING BRAKE

Ref. No.	Part No.	Qty.	Description
1	KB 844	1	ROD
2	506063	1	LEVER, BRAKE
3	500046	4	NUT - 3/8"
4	500933	4	LOCKWASHER - 3/8"
5	501218	1	YOKE - 3/8" CLEVIS
6	501317	1	PIN - 3/8" CLEVIS
7	502886	1	YOKE - 5/16" CLEVIS
8	502892	1	PIN - 5/16" CLEVIS
9	500017	1	NUT - 3/8"
10	500016	1	NUT - 5/16"
13	500715	2	PIN, COTTER - 3/32"
14		1	FLATWASHER - 5/16"

FIGURE 4445

CONTROLS , STEERING

Ref. No.	Part No.	Qty.	Description
	503956	1	CONTROL UNIT ASSY, INCLUDES 1-23 (1)
	503918	AR	KIT, SEAL INCLUDES 8, 18, 20 & 22
	503927		COLUMN ASSY, INCLUDES 24-39
29		2	CAPSCREW - 3/8"NC
40	503929	1	KIT, HORN WIRE
41	712501	1	NUT, STEERING WHEEL
42	503899	1	WHEEL, STEERING
NOTE: (1) THIS ASSEMBLY WAS NOT USED THRU SERIAL #453 AND SERIAL NOS. 457, 460 AND 464. HOWEVER, ALL PARTS, INCLUDING THE ASSEMBLY, INTERCHANGE.			

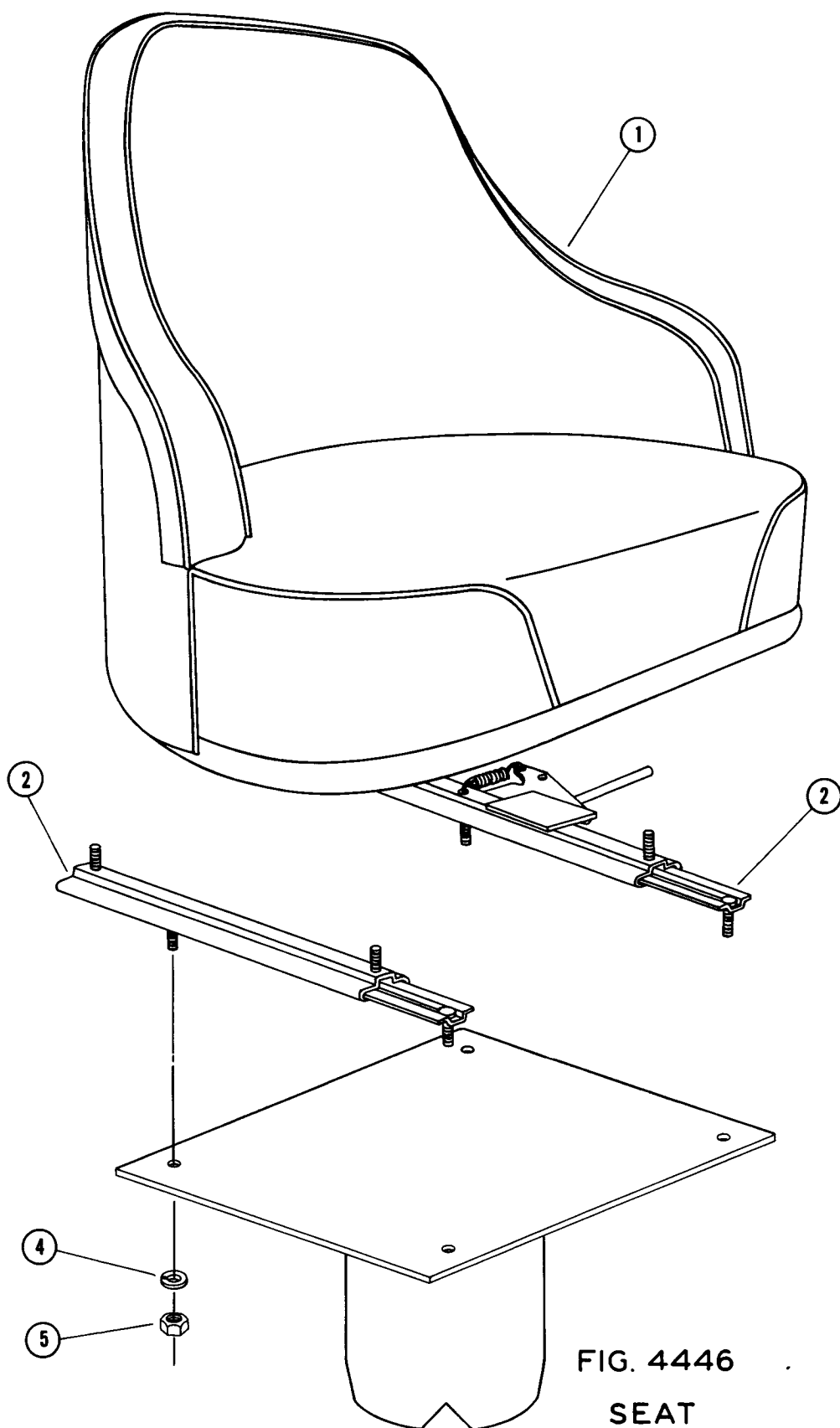


FIG. 4446
SEAT

FIGURE 4446

SEAT , OPERATOR ' S

Ref. No.	Part No.	Qty.	Description
1	707283	1	SEAT (Includes Item 2)
2			TRACK, SEAT (Not Serviced Separately)
4	500932	4	LOCKWASHER - 5/16" SPRING
5	500002	4	NUT - 5/16"NF

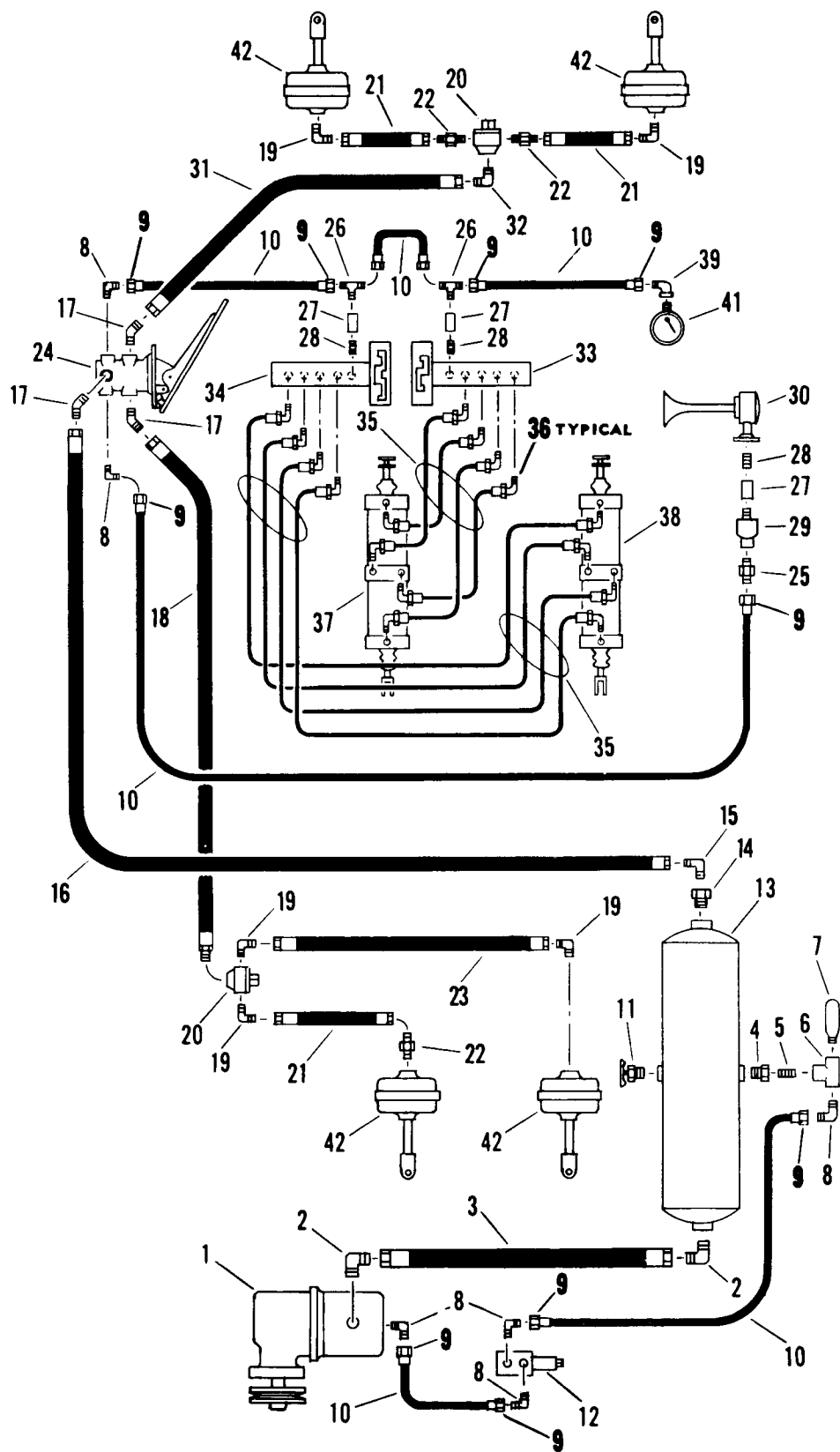


FIG. 4476
AIR SYSTEM

FIGURE 4476

AIR SYSTEM

Ref. No.	Part No.	Qty.	Description
1	ENGINE		COMPRESSOR, AIR
2	505381	2	ADAPTER, 90°
3	KB1332	1	HOSE STRUCTURE (CUMMINS ONLY)
	KA8192	1	HOSE STRUCTURE (GMC ONLY)
4	502284	1	REDUCER, 3/8" TO 1/4"
5	502071	1	NIPPLE, 1/4" NPT
6	501985	1	TEE, 1/4" NPT
7	708436	1	VALVE, SAFETY
8	506999	6	ADAPTER, 90°
9	507007	12	FITTING, SOCKETLESS
10	507005	SL	HOSE, 1/4" (SPECIFY LENGTH)
11	501374	1	DRAINCOCK, 1/4"
12	505127	1	GOVERNOR, AIR
	505128	AR	KIT, REPAIR
13	708531	1	TANK, AIR
14	502290	1	REDUCER, 3/4" TO 1/2" NPT
15	505373	1	ADAPTER, 90°
16	KB4551	1	HOSE STRUCTURE (Cummins Only)
	KB2834	1	HOSE STRUCTURE (GMC ONLY)
17	507114	3	ADAPTER, 45°
18	KB4552	1	HOSE STRUCTURE
19	505376	5	ADAPTER, 90°
20	708485	2	VALVE, QUICK RELEASE
21	KB4445	3	HOSE STRUCTURE
22	505355	3	ADAPTER, STRAIGHT
23	KB4447	1	HOSE STRUCTURE
24	505114	1	VALVE, BRAKE CONTROL (SEE INDEX)
25	506996	1	ADAPTER, STRAIGHT
26	502742	2	ADAPTER, TEE
27	501905	3	COUPLING, 1/8" NPT
28	502070	3	NIPPLE, CLOSE, 1/8" NPT
29	506776	1	VALVE, ELECTRIC/AIR
30	506774	1	HORN, AIR
31	KB1336	1	HOSE STRUCTURE
32	506990	1	ADAPTER, 90°
33	KB7980	1	VALVE, FWD-NEUT-REV CONTROL
	710874	AR	KIT, REPAIR
34	KB7981	1	VALVE, RANGE SHIFT CONTROL
	710874	AR	KIT, REPAIR
35	710836	SL	LOOM, 7 TUBE (SPECIFY LENGTH)
	710847	SL	MULTITUBE, INDIVIDUAL, 1/8" (SPECIFY LENGTH)
36	710834	16	ADAPTER & FITTING, MULTITUBE, 90°, 1/8"
	710848	AR	FERRULES, REPAIR
37	710856	1	CYLINDER, 3 POSITION AIR
	710810	AR	KIT, REPAIR
38	710857	1	CYLINDER, 4 POSITION AIR
	710810	AR	KIT, REPAIR
39	506997	1	ADAPTER, 90° STREET
41	SEE INDEX		GAGE, AIR (ELECTRICAL & GAGES)
42	SEE INDEX		CHAMBER, BRAKE AIR

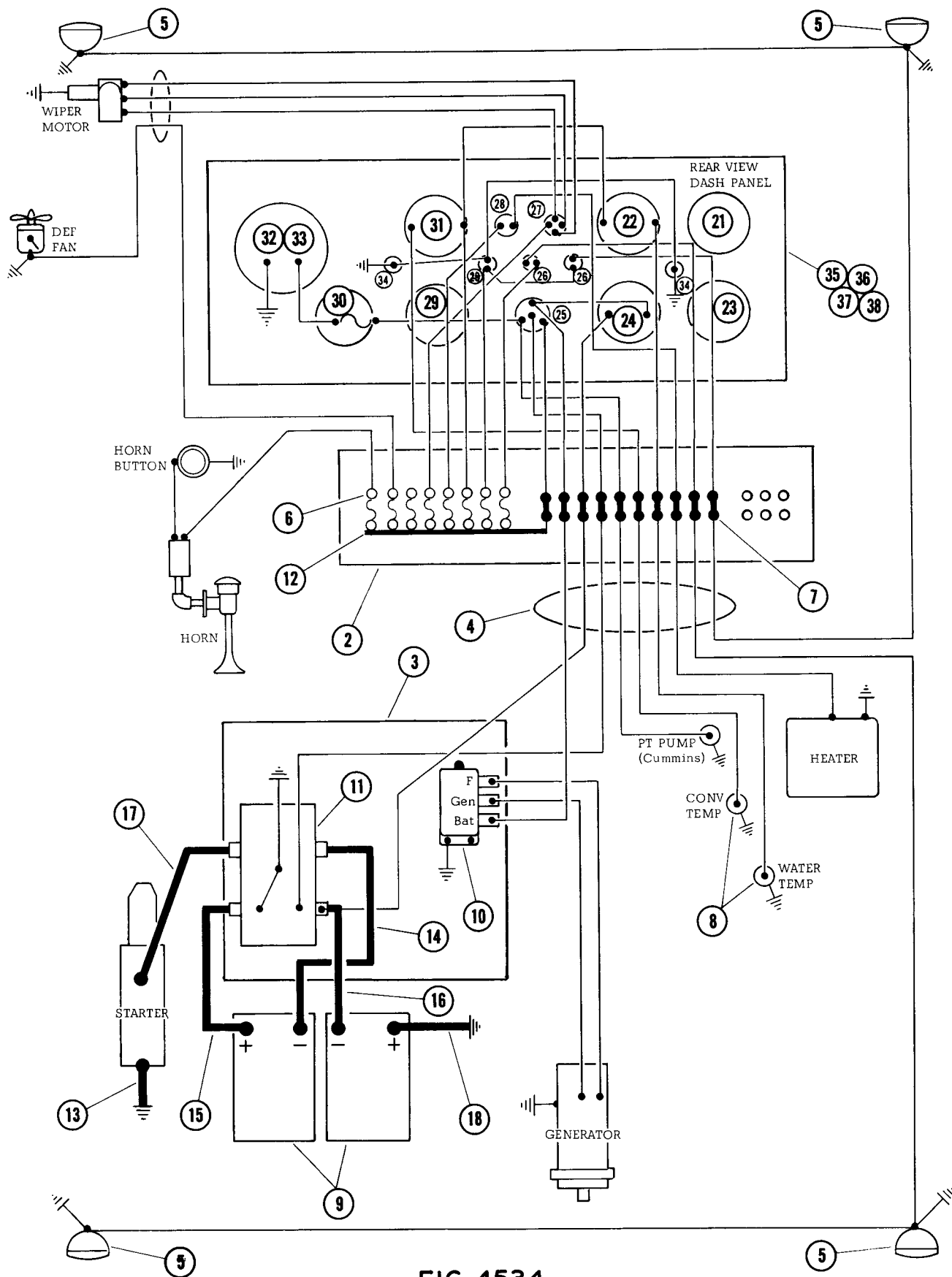


FIG. 4534
ELECTRICAL SYSTEM & INSTRUMENTS

FIGURE 4534

ELECTRICAL SYSTEM (AND INSTRUMENTS)

Ref. No.	Part No.	Qty.	Description
2	KA1966	1	PANEL, JUNCTION
3	KA1221	1	PANEL, REGULATOR
4	030168	1	HARNESS, WIRING
5	506742	4	LIGHT, 12 VOLT
6	505842	1	BLOCK, FUSE - 6-10 AMP
7	505855	1	BLOCK, JUNCTION - 10 POLE
8	505432	2	SENDER, TEMPERATURE
9	502883	2	BATTERY, 12 VOLT 4D
10	500842	1	REGULATOR, VOLTAGE
11	506474	1	SWITCH, SERIES/PARALLEL
12	KB4932	1	BUSSBAR, FUSE BLOCK
13	KB1295	1	CABLE
14	KB3305	1	CABLE
15	KB3303	1	CABLE
16	KB4115	1	CABLE
17	KB4116	1	CABLE
18	KB4118	1	CABLE
21	505400	1	GAGE, OIL PRESSURE
22	505409	1	GAGE, WATER TEMPERATURE
23	708445	1	GAGE, AIR PRESSURE, BRAKES
24	505415	1	AMMETER, 12 VOLT
25	504953	1	SWITCH, IGNITION
26	505440	3	SWITCH. PUSH-PULL
27	Accessory	1	SWITCH, WIPER (CAB)
28	Accessory	1	SWITCH. HEATER (CAB)
29	505399	1	GAGE, CONVERTER PRESSURE
30	715109	1	GAGE, AIR PRESSURE
31	505410	1	GAGE, CONVERTER TEMPERATURE
32	502597	1	METER, HOUR
33	506327	1	DAMPENER, HOUR METER VIBRATION
34	714877	2	LIGHT KIT, DASH
35	500115	6	CAPSCREW - 1/4"NF
36	502199	6	LOCKWASHER - 1/4"
37	500001	6	NUT - 1/4"NF
38	KB7982	1	PANEL, INSTRUMENT
39	502595	1	TACHOMETER

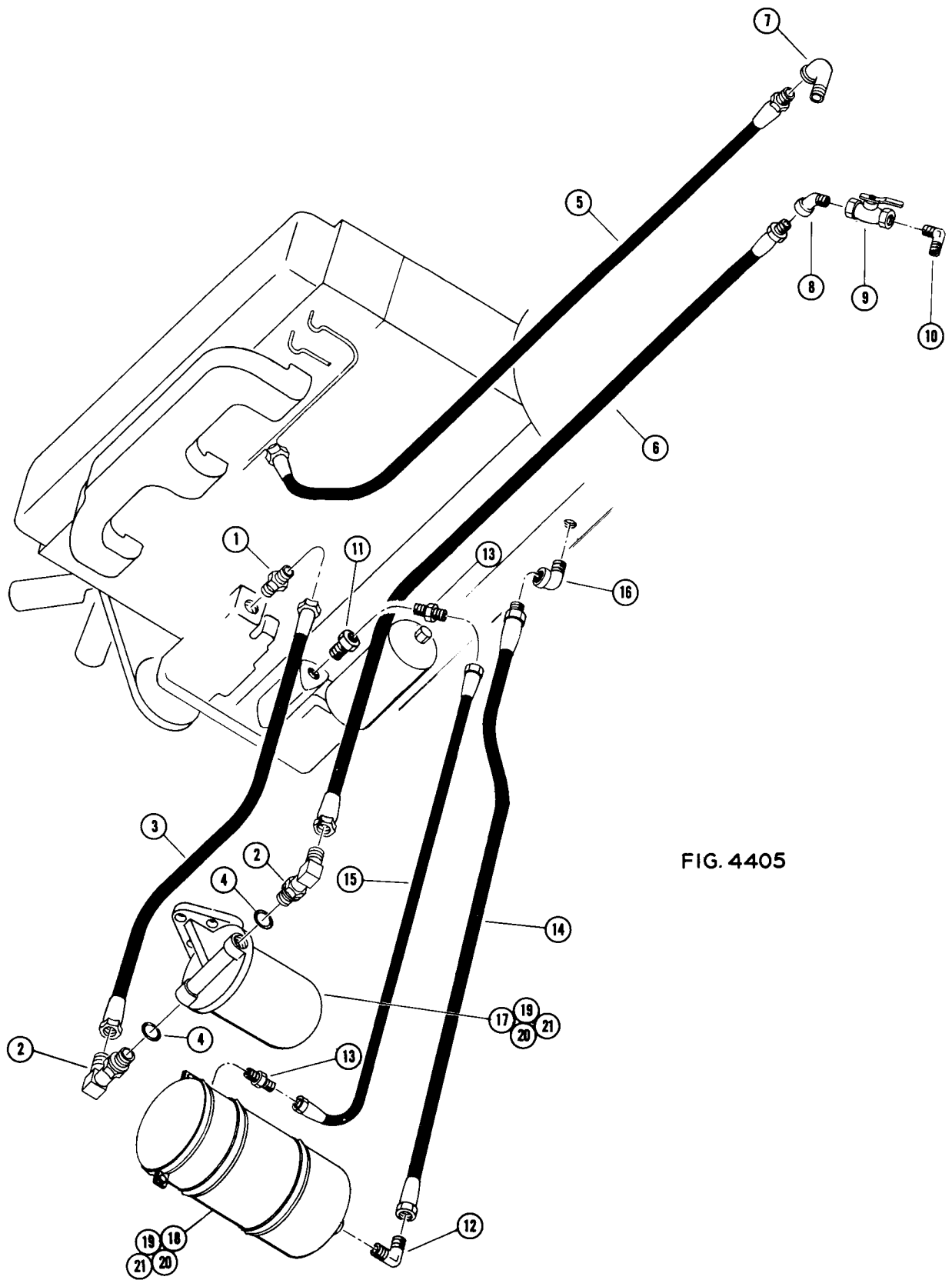


FIG. 4405

FILTER SYSTEM-CUMMINS

FIGURE 4405 FILTER SYSTEMS , CUMMINS ENGINE

Ref. No.	Part No.	Qty.	Description
1	505372	1	ADAPTER, STRAIGHT
2	502212	2	ADAPTER, 90°
3	KB1298	1	HOSE STRUCTURE
4	508113	2	O RING
5	KB1610	1	HOSE STRUCTURE
6	KB1299	1	HOSE STRUCTURE
7	501950	1	ELBOW, 90° STREET, 3/8" NPT
8	501968	1	ELBOW, 45° STREET, 1/2" NPT
9	505192	1	VALVE, 1/2" NPT GLOBE
10	502779	1	ELBOW, 90° MALE, 1/2" NPT
11	502289	1	REDUCER, 3/4" TO 3/8" NPT
12	506990	1	ADAPTER, 90°
13	507121	2	ADAPTER, STRAIGHT
14	KB1300	1	HOSE STRUCTURE
15	KB3392	1	HOSE STRUCTURE
16	501951	1	ELBOW, 90° STREET, 1/2" NPT
17	VC8812	1	ELEMENT, FUEL OIL *
18	SD1311	1	ELEMENT, LUBE OIL **
19	500046	11	NUT, 3/8" NC
20	500933	11	LOCKWASHER, 3/8"
21	501374	2	DRAINCOCK, 1/4" NPT
			NOTE: *FK 15 KIT INCLUDES 6-VC 8812 ELEMENTS & GASKETS. **FK 7 KIT INCLUDES 6-SD 1311 ELEMENTS & GASKETS. EFFECTIVE WITH MODEL: 350 SERIAL #451

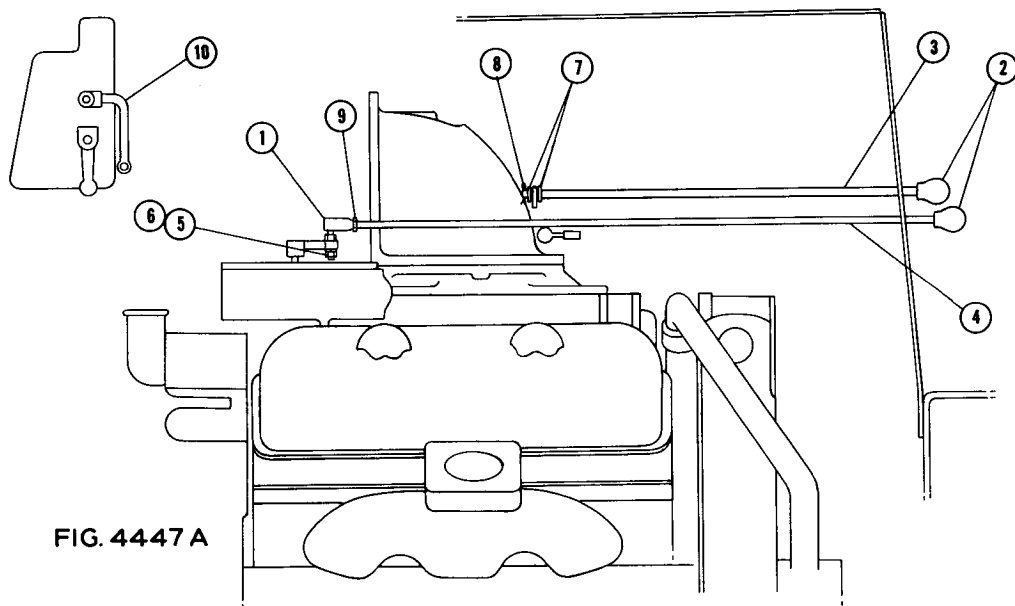


FIG. 4447 A

SHUT DOWN, FUEL & AIR INTAKE (GMC)

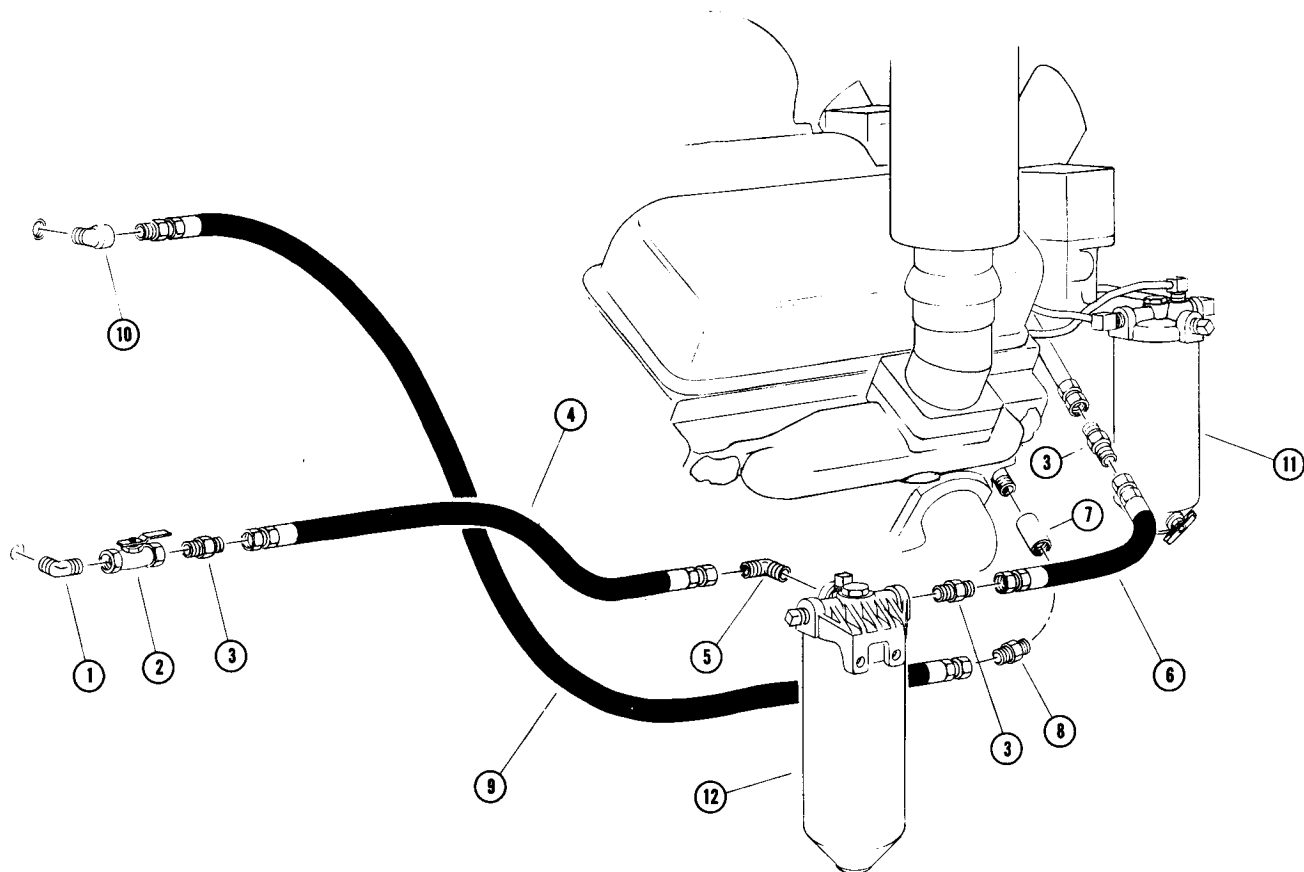


FIG. 4447 B

FUEL SYSTEM - GMC

FIGURE 4447A SHUTDOWN, FUEL & AIR INTAKE (GMC)

Ref. No.	Part No.	Qty.	Description
1	507272	1	BALL-JOINT
2	506075	2	KNOB
3	KB8702	1	ROD, AIR SHUTDOWN LINK
4	KB8703	1	ROD, FUEL SHUTDOWN LINK
5	500044	1	NUT - 1/4"NC
6	500931	1	LOCKWASHER - 1/4"
7	500903	2	FLATWASHER - 1/4"
8	500706	1	COTTER - 1/16"
9	500002	1	NUT - 5/16"NF
10	KB8704	1	CRANK, FUEL SHUTDOWN

FIGURE 4447B FUEL SYSTEM , GMC

1	501919	1	ELBOW, 1/2"NPT - 90°
2	505192	1	VALVE, 1/2" GLOBE
3	505382	1	ADAPTER, STRAIGHT
4	KA9630	1	HOSE STRUCTURE
5	506990	1	ADAPTER - 90°
6	KB6772	1	HOSE STRUCTURE
7	501906	1	COUPLING - 1/4"
8	506970	1	ADAPTER, STRAIGHT
9	KB3543	1	HOSE STRUCTURE
10	501951	1	ELBOW - 1/2" - 90° STREET
11	GMC		FILTER, FUEL
12	GMC		STRAINER, FUEL

HYDRAULIC SYSTEM, BUCKET

FIGURE 4504 HYDRAULIC SYSTEM , BUCKET

Ref. No.	Part No.	Qty.	Description
1		1	VALVE, MAIN CONTROL (See Index)
2	KB3988	1	HOSE
3	KB1225	2	BLOCK, OIL TRANSFER
4	KB1255	2	HOSE
5	KB1252	1	HOSE
6	KB3986	1	HOSE
7	KB1206	2	PIPE
8		2	STABILIZER (CARRIAGE INSTALLATION) (See Index)
9		1	CYLINDER, BUCKET (See Index)
10	KB1302	1	HOSE
11	508282	2	"O" RING
12	KA7772	1	ADAPTER, SPECIAL
13	502268	2	FITTING, SWIVEL (See Index)
14	KB1231	1	ADAPTER, SPECIAL
15	500934	32	LOCKWASHER - 7/16"
16	500183	16	CAPSCREW - 7/16"NF
17	508126	8	"O" RING
18	507051	12	FLANGE, SPLIT
19	500483	8	CAPSCREW - 7/16"NC
20	502215	2	ELBOW, STREET - 90°
21	501816	2	FITTING, SWIVEL (See Index)
22	501290	2	ADAPTER, SWIVEL - 90°
23	503040	8	BOLT - 7/16"NC
24	500415	4	CAPSCREW - 1/4"NC
25	500044	4	NUT - 1/4"NC
26	500931	4	LOCKWASHER - 1/4"
27	KB1204	2	BRACKET, PIPE

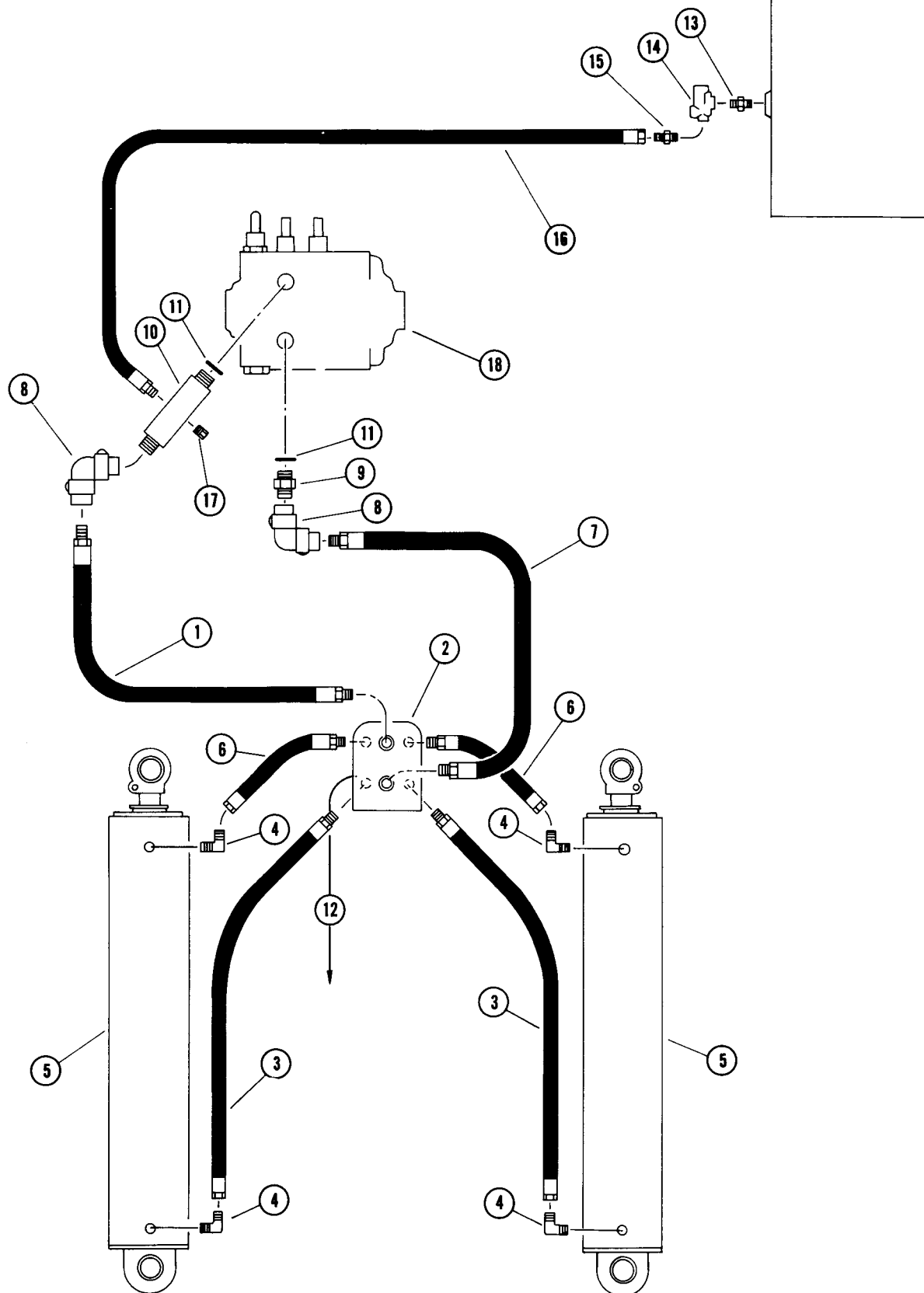


FIG. 4450

HYDRAULIC SYSTEM-HOIST

FIGURE 4450

HYDRAULIC SYSTEM, HOIST

Ref. No.	Part No.	Qty.	Description
1	KB3987	1	HOSE
2	KB2452	1	BLOCK, JUNCTION
3	KB1250	2	HOSE
4	507084	4	ADAPTER - 90°
5		2	CYLINDER, HOIST (See Index)
6	KB1251	2	HOSE
7	KB3989	1	HOSE
8	502268	2	FITTING, SWIVEL - 90° (See Index)
9	KA7644	1	ADAPTER, SPECIAL
10	KA7773	1	ADAPTER, SPECIAL
11	508282	2	"O" RING
12		1	HYDRAULIC SYSTEM, OSCILLATION DAMPENER (See Index)
13	715295	1	ADAPTER, STRAIGHT
14	715290	1	VALVE, RELIEF
15	505382	1	ADAPTER, STRAIGHT
16	KB6008	1	HOSE STRUCTURE
17	501837	1	PLUG - 3/8"NPT
18		1	VALVE, MAIN (See Index)

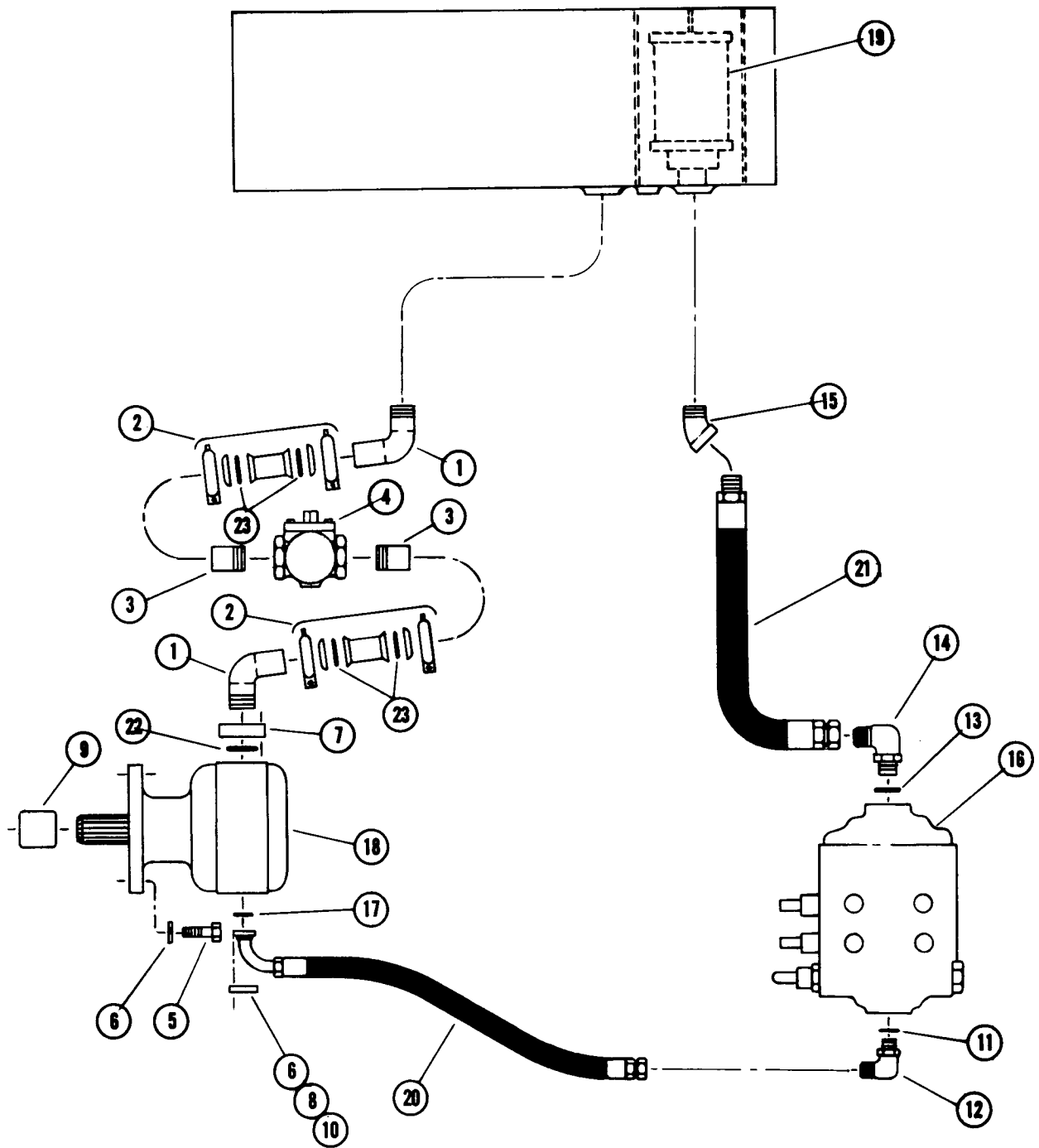


FIG. 445I

HYDRAULIC SYSTEM-MAIN

FIGURE 4451

HYDRAULIC SYSTEM , MAIN

Ref. No.	Part No.	Qty.	Description
1	KB3992	2	ELBOW
2	714764	2	COUPLER, INCLUDES ITEM 23
3	KC 521	2	PIPE
4	505195	1	VALVE, BALLCENTRIC
5	500508	8	CAPSCREW - 1/2"NC
6	500935	12	LOCKWASHER - 1/2"
7	KA1971	1	ADAPTER, FLANGE
8	507039	2	FLANGE, SPLIT
9	219413	1	ADAPTER, PUMP (1)
10	500506	4	CAPSCREW - 1/2"NC
11	508282	1	"O" RING
12	502700	1	ADAPTER - 90°
13	508206	1	"O" RING
14	714168	1	ADAPTER - 90°
15	501973	1	ELBOW, STREET - 45°
16		1	VALVE, MAIN CONTROL (See Index)
17	508202	1	"O" RING
18		1	PUMP, MAIN HYDRAULIC (See Index)
19	JG2694	1	FILTER, IN-TANK
20	KB3984	1	HOSE
21	KB3985	1	HOSE
22	508211	1	"O" RING
23	714792	AR	GASKET
NOTE: ITEMS 1 (QTY. 1), 3 & 4 MAY BE NEEDED TO INSTALL SHUTOFF. (1) 219413 IS CLARK PART NUMBER.			

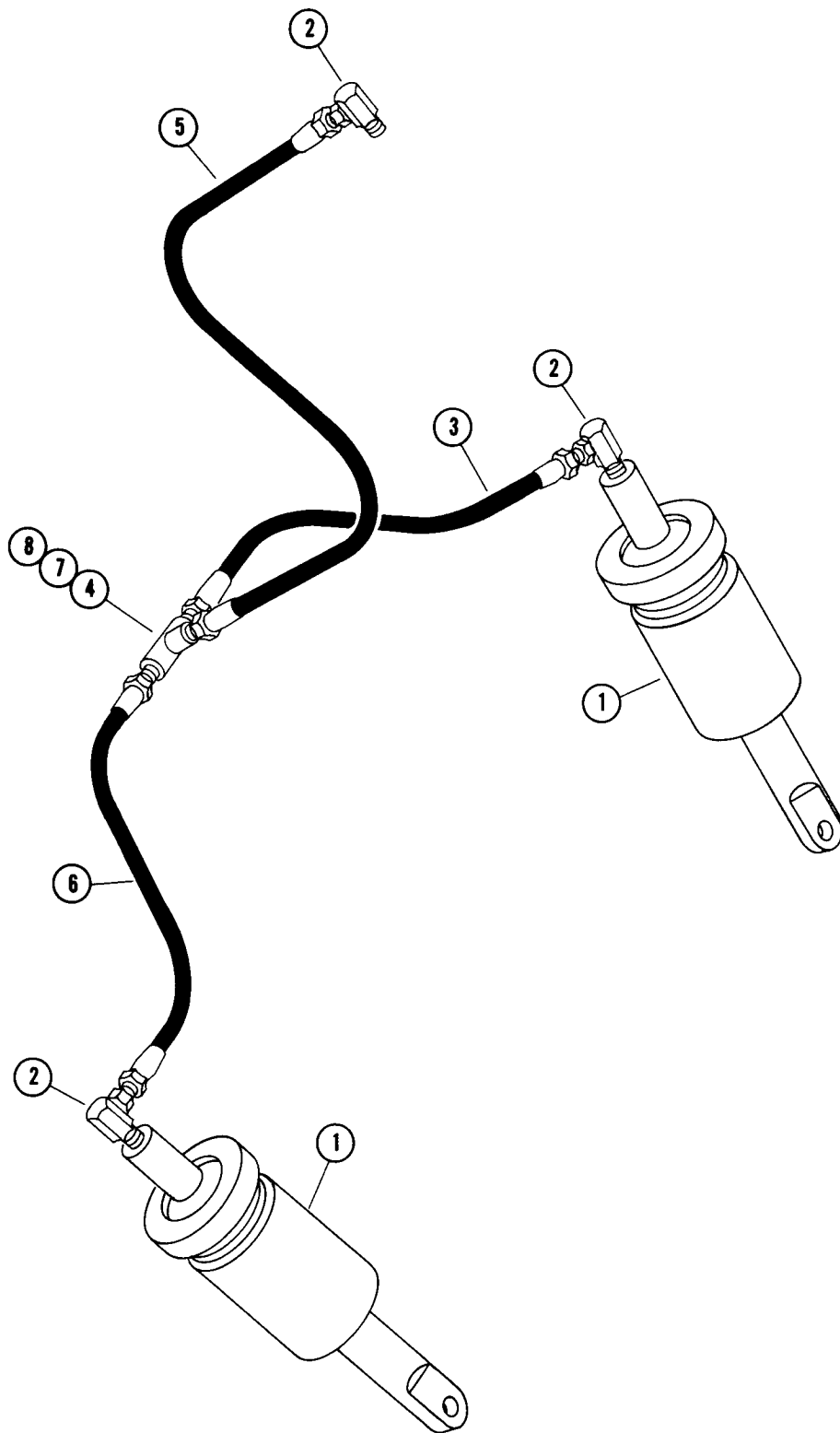


FIG. 4452

HYDRAULIC SYSTEM-OSCILLATION DAMPENER

FIGURE 4452

HYDRAULIC SYSTEM, OSCILLATION DAMPENER

Ref. No.	Part No.	Qty.	Description
1		2	CYLINDER, OSCILLATION DAMPENER (See Index)
2	501291	3	ADAPTER, SWIVEL - 90°
3	KB3447	1	HOSE STRUCTURE TO LEFT CYLINDER
4	KB5593	1	TEE STRUCTURE
5	KB2795	1	HOSE STRUCTURE TO JUNCTION BLOCK
6	KB3469	1	HOSE STRUCTURE TO RIGHT CYLINDER
7	500046	1	NUT - 3/8"NC
8	500933	1	LOCKWASHER

HYDRAULIC SYSTEM, STEERING

FIGURE 4535

HYDRAULIC SYSTEM, STEERING

Ref. No.	Part No.	Qty.	Description
1		1	PUMP, STEERING (See Index)
2	Clark	1	ADAPTER, SHAFT (219412)
3	714852	1	FILTER ASSEMBLY (See Index)
4	715290	1	VALVE, RELIEF
5		1	CONTROL UNIT, STEERING (See Index)
6		2	CYLINDER, STEERING (See Index)
11	KB8297	1	HOSE
12	KB9498	1	HOSE - GMC ENGINE ONLY
	KB6427	1	HOSE - CUMMINS ENGINE
13	KB9497	1	HOSE - GMC ENGINE ONLY
	KB7985	1	HOSE - CUMMINS ENGINE
14	KB7986	1	HOSE
16	KB7987	1	HOSE
17	KB7988	2	HOSE
18	KB1181	2	HOSE
21	501954	1	ELBOW, STREET, 1 1/4"NPT - 90°
22	502777	1	ADAPTER, STRAIGHT, SWIVEL
23	502768	1	ADAPTER, STEEL - 45°
24	500460	8	CAPSCREW - 3/8"NC
25	500933	8	LOCKWASHER - 3/8"
26	507054	4	FLANGE, SPLIT
27	508123	2	O-RING
30	505361	1	ADAPTER, STRAIGHT
31	502806	1	TEE, 3/4"NPT STEEL
32	502328	2	NIPPLE, 1/2"NPT STEEL
33	502290	1	REDUCER, STEEL, 3/4" TO 1/2"NPT
34	502835	2	ADAPTER, STRAIGHT
35	502834	4	ADAPTER, STRAIGHT (Inc. O-Ring)
36	505428	2	ADAPTER - 45°
37	505382	2	ADAPTER, STRAIGHT
38	502293	1	REDUCER, 1" TO 1/2"NPT
(Effective Thru Serial #456)			

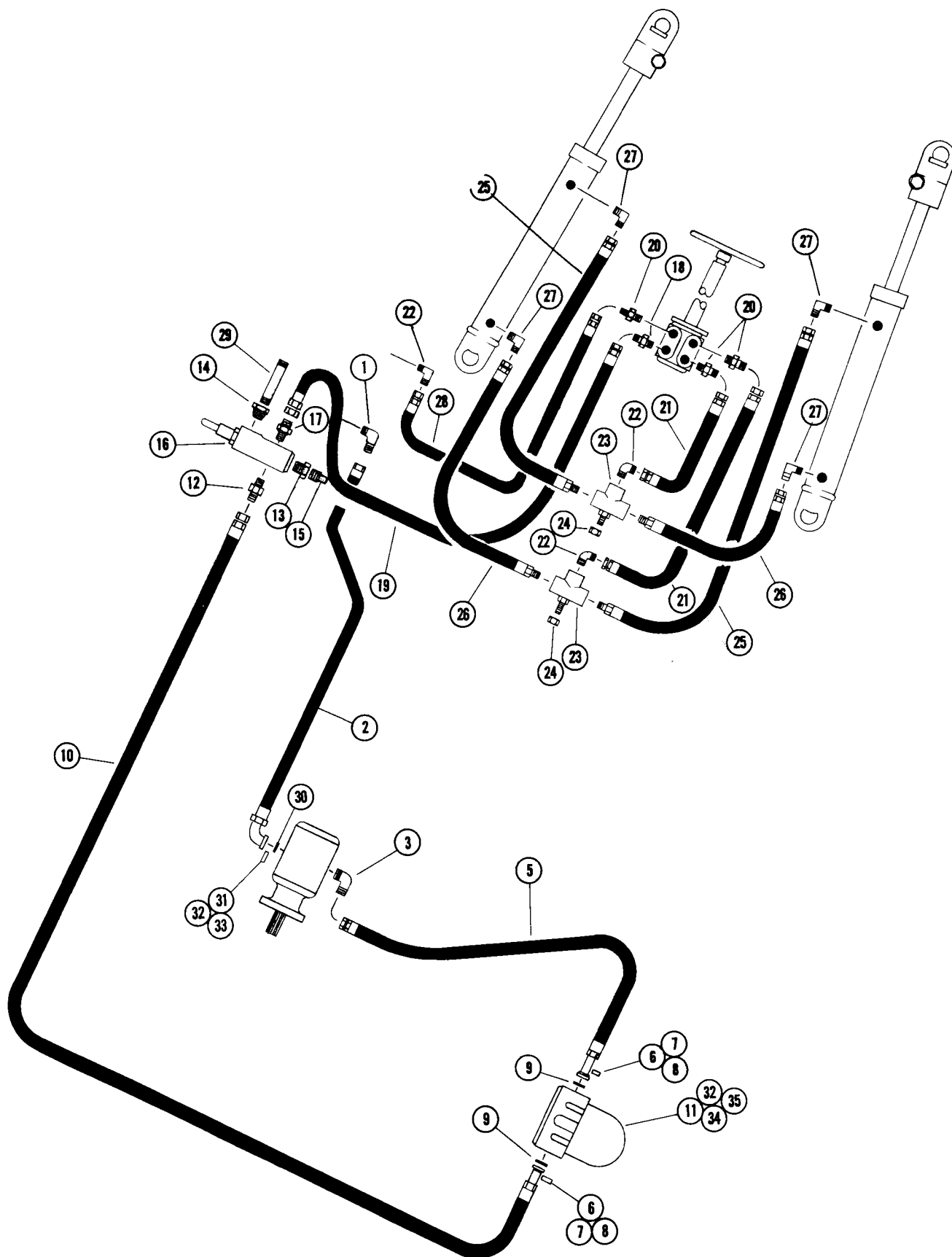


FIG. 4393

HYDRAULIC SYSTEM-STEERING

FIGURE 4393 HYDRAULIC SYSTEM, STEERING

Ref. No.	Part No.	Qty.	Description
1	TF6990	1	ADAPTER, 90° (TO TANK)
2	KC2080	1	HOSE STRUCTURE
3	502715	1	ADAPTER, O RING, 90°
5	KC0240	1	HOSE STRUCTURE (CUMMINS ONLY)
5	KB9498	1	HOSE STRUCTURE (GMC ONLY)
6	500460	8	CAPSCREW, 3/8" NC
7	500933	8	LOCKWASHER, 3/8"
8	507054	4	FLANGE, 1" SPLIT
9	508123	2	O RING
10	KB7985	1	HOSE STRUCTURE (CUMMINS ONLY)
10	KB9497	1	HOSE STRUCTURE (GMC ONLY)
11	714852	1	FILTER ASSEMBLY (SEE INDEX)
12	507161	1	ADAPTER, STRAIGHT
13	502291	1	REDUCER, HIGH PRESSURE
14	502296	1	REDUCER, 1 1/4" NPT TO 1" NPT
15	501835	1	PLUG, 1/8" NPT
16	715296	1	VALVE, RELIEF
17	507161	1	ADAPTER, STRAIGHT
18	VS1811	1	ADAPTER, STRAIGHT
19	KC1237	1	HOSE STRUCTURE
20	502834	1	ADAPTER, O RING, STRAIGHT
21	KB9908	2	HOSE STRUCTURE
22	502510	3	ADAPTER, 90°
23	JG2135	2	TEE STRUCTURE, HIGH PRESSURE
24	502550	2	NUT, 1/2" NF ELASTIC STOP
25	KA7891	2	HOSE STRUCTURE
26	KB9909	2	HOSE STRUCTURE
27	506989	4	ADAPTER, 90°
28	KB7987	1	HOSE STRUCTURE
29	502075	1	NIPPLE, 1" NPT (TO TANK)
30	508202	1	O RING
31	507039	2	FLANGE, 1 1/2" SPLIT
32	500935	7	LOCKWASHER, 1/2"
33	500508	4	CAPSCREW, 1/2" NC
34	KB4004	1	BRACKET, FILTER
35		3	CAPSCREW, 1/2" NC

(Effective With Serial #457)

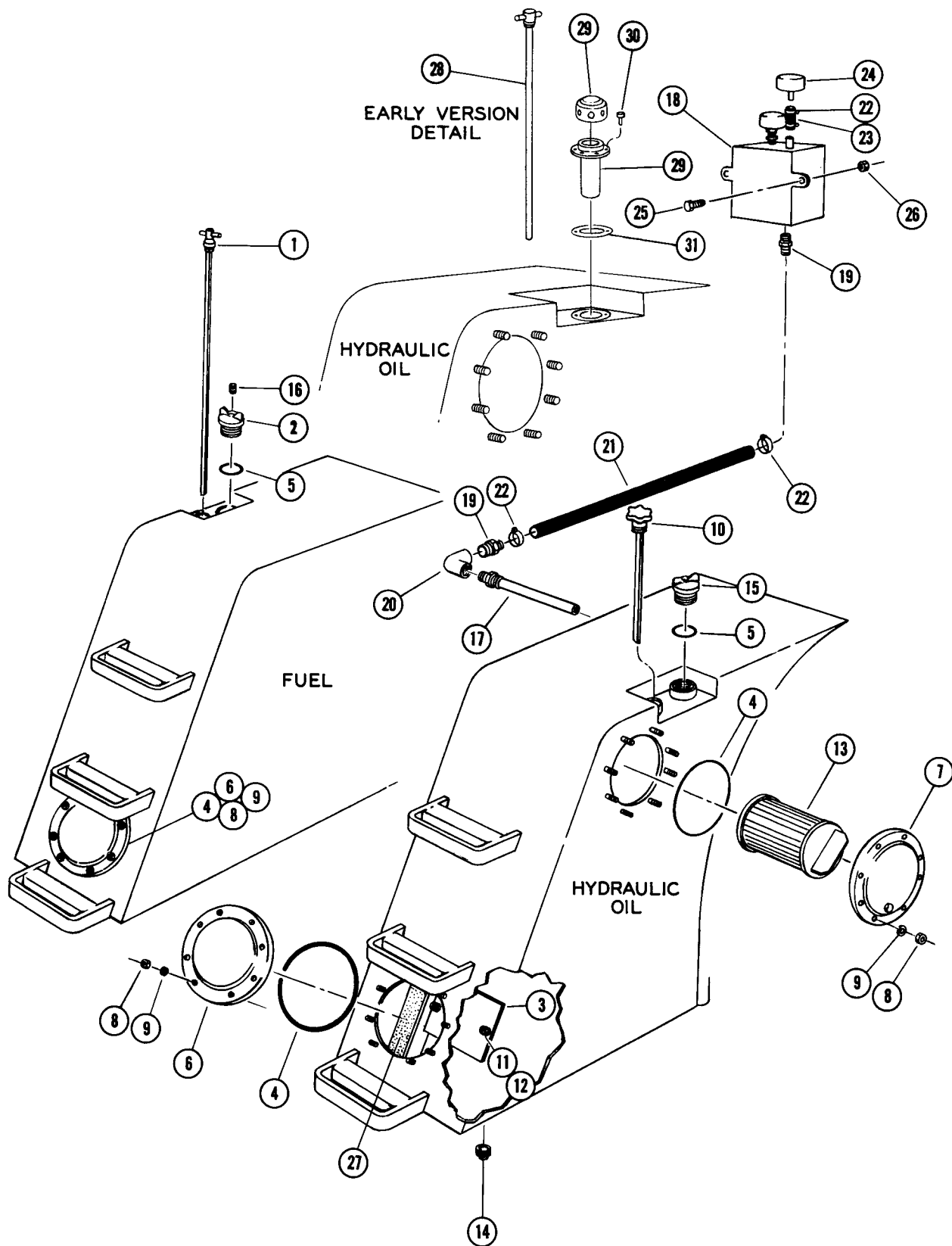


FIG. 4536

TANKS

FIGURE 4339

TANKS

Ref. No.	Part No.	Qty.	Description
1	110933	1	DIPSTICK, FUEL TANK
2	110842	1	CAP, FUEL TANK
3	113384	1	COVER, BAFFLE (1)
4	508173	3	O RING, COVER
5	508203	2	O RING, TANK CAP
6	113372	2	COVER, CLEANOUT
7	110843	1	COVER, FILTER ACCESS
8	500046	24	NUT, 3/8"NC
9	503182	24	LOCKWASHER, 3/8" SPRING
10	114679	1	DIPSTICK, HYDRAULIC TANK (See Early Version Also)
11	500044	2	NUT, 1/4"NC
12	500931	2	LOCKWASHER, 1/4" SPRING
13	SSC		FILTER (See Hydraulic System, Main)
14	KC2631	2	PLUG, 1"NPT DRAIN
15	118656	1	CAP, HYDRAULIC TANK
16	505156	1	VENT
17	116183	1	PIPE, VENT
18	062058	1	BOX, HYDRAULIC TANK VENT
19	505144	2	NIPPLE, 3/4" BAND-IT
20	501920	1	ELBOW, 3/4"NPT FEMALE
21	506382	73"	HOSE, 3/4"
22	501314	8	CLAMP, HOSE
23	506280	2	HOSE, 1/2" (Specify 2 1/2" Long)
24	708484	2	CAP, BREATHER
25	500159	2	CAPSCREW, 3/8"NF
26	500017	2	NUT, 3/8"NF ELASTIC STOP
27	JG2763	1	TUBE, BAFFLE (2)
28	KB0934	1	DIPSTICK, EARLY VERSION HYDRAULIC OIL
29	710210	1	FILTER - BREATHER, EARLY VERSION HYDRAULIC TANK
30	500893	6	SCREW, MACHINE - 10-32 NF
31	KA9646	1	GASKET, TANK FILTER BREATHER
			NOTE: (1) EFFECTIVE THRU SERIAL 466 (2) EFFECTIVE WITH SERIAL 468

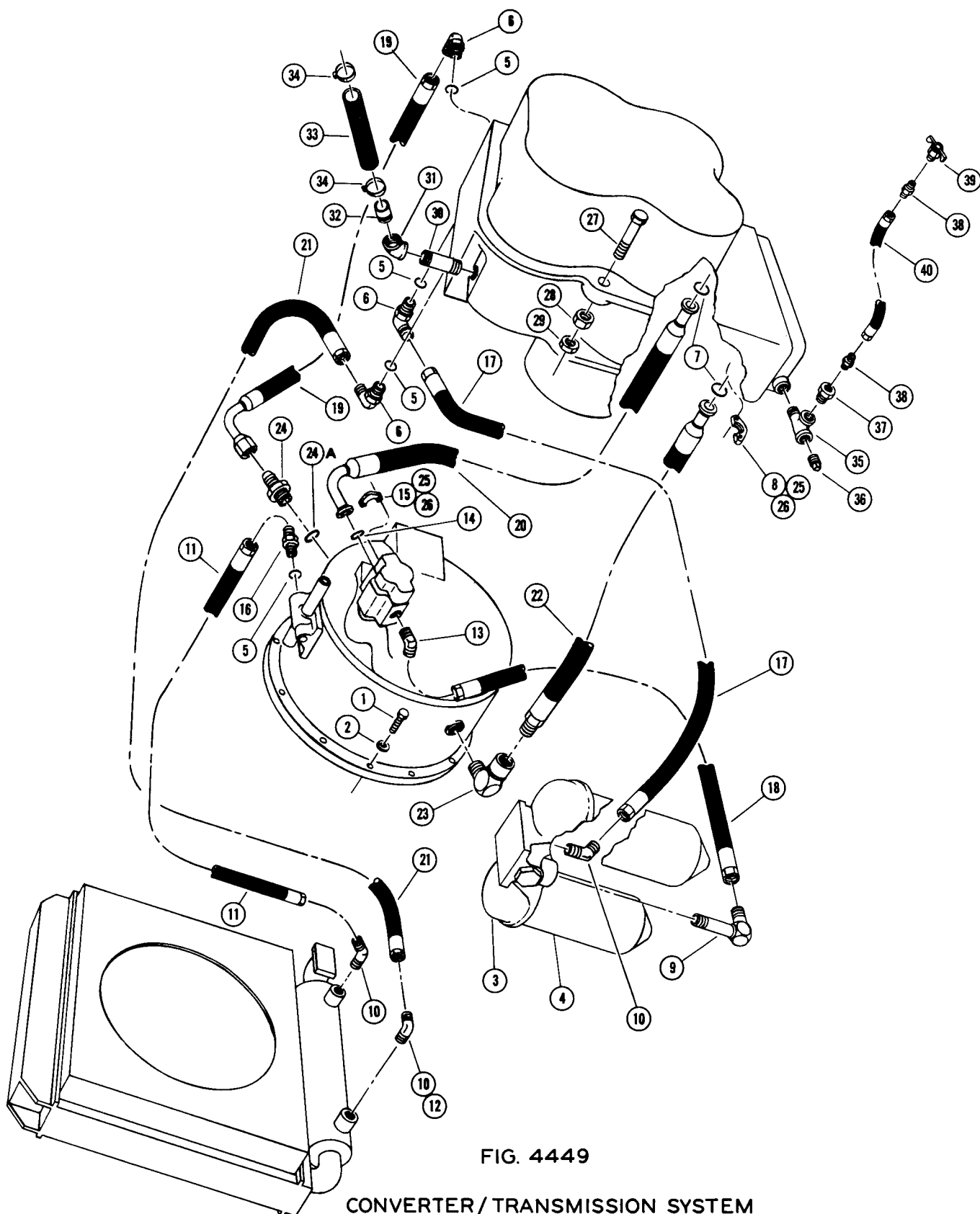


FIG. 4449

CONVERTER/TRANSMISSION SYSTEM

FIGURE 4449 CONVERTER / TRANSMISSION SYSTEM

Ref. No.	Part No.	Qty.	Description
1	500485	12	CAPSCREW - 7/16"NC
2	500934	12	LOCKWASHER - 7/16" SPRING
3	505020	1	FILTER ASSEMBLY
4	505019	AR	ELEMENT, FILTER
5	508279	AR	"O" RING
6	502745	3	ADAPTER - 90°
7	508202	AR	"O" RING
8	507039	4	FLANGE, SPLIT
9	507113	1	ADAPTER, LONG - 90°
10	507112	3	ADAPTER - 45° - GMC
	507112	2	ADAPTER (Cummins)
11	KB6410	1	HOSE STRUCTURE (Cummins)
	KB6408	1	HOSE STRUCTURE (GMC Only)
12	507084	1	ADAPTER - 90° (Used Only w/Cummins)
13	502768	1	ADAPTER - 45°
14	508126	AR	"O" RING
15	507051	2	FLANGE, SPLIT
16	502772	1	ADAPTER, STRAIGHT
17	KB6797	1	HOSE STRUCTURE
18	KB8360	1	HOSE STRUCTURE
19	KB6411	1	HOSE STRUCTURE
20	KB6407	1	HOSE STRUCTURE
21	KB6251	1	HOSE STRUCTURE (Cummins Only)
	KB6410	1	HOSE STRUCTURE (GMC Only)
22	KB1211	1	HOSE STRUCTURE
23	502770	1	ELBOW, STREET - 90°
24	502816	1	ADAPTER, STRAIGHT
24A	502850	AR	"O" RING
25	500460	12	CAPSCREW - 3/8"NC
26	500933	12	LOCKWASHER - 3/8" SPRING
27	500318	4	CAPSCREW - 7/8"NF
28	500009	4	NUT - 7/8"NF
29	500023	4	JAMNUT - 7/8"NF
30	502335	1	NIPPLE - 1"NPT
31	501942	1	ELBOW - 1"NPT - 45°
32	KB3914	1	END, FILL
33	KB4032	1	TRANSMISSION FILL HOSE
34	502242	2	CLAMP, HOSE
35	714230	1	TEE, SERVICE - 3/4"NPT
36	502053	1	PLUG - 3/4"NPT
37	502288	1	REDUCER - 3/4" TO 1/4"NPT
38	506996	2	ADAPTER, STRAIGHT
39	501374	1	DRAINCOCK - 1/4"NPT
40	KB4506	1	HOSE STRUCTURE

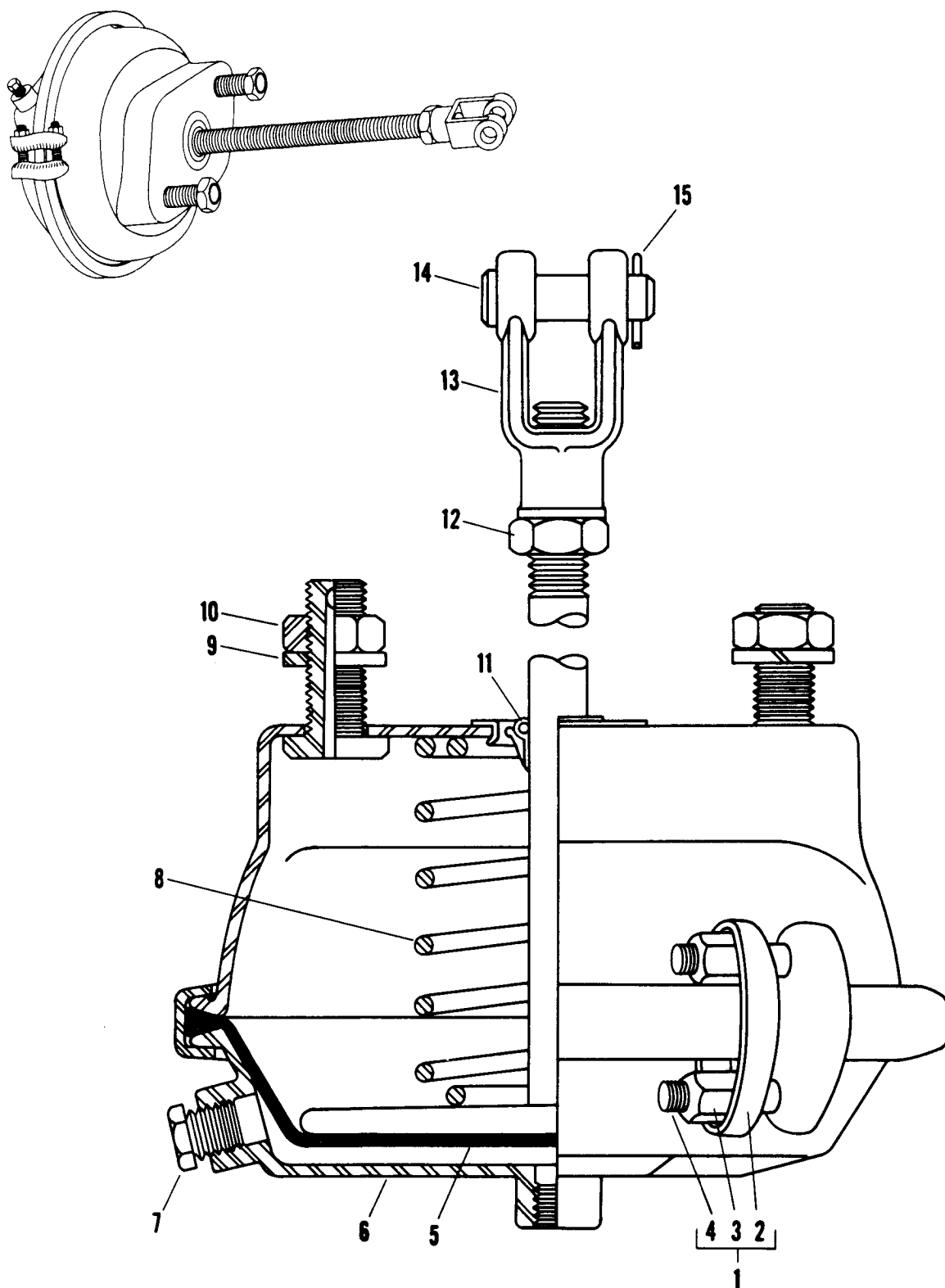


FIG. 4431

CHAMBER, AIR BRAKE

FIGURE 4431

CHAMBER, BRAKE AIR (WEATHERPROOF) - 505115

Ref. No.	Part No.	Qty.	Description	B-W PART NO.
1		1	CLAMP RING ASSEMBLY	227746
2		1	RING, CLAMP	237892
3		2	NUT	237887
4		2	BOLT	237886
5		1	DIAPHRAGM	234101
6		1	PLATE, PRESSURE	225644
7	501836	1	PLUG, PIPE 1/4" NPT	230111
8		1	SPRING	234131
9	500021	2	NUT, JAM 5/8" NF	204781
10	500937	2	LOCKWASHER, 5/8" STD.	
11		1	GROMMET	235768
12	500021	1	NUT, 5/8" NF JAM	
13	107700	1	YOKE, CLEVIS	
14	501226	1	PIN, CLEVIS 1/2" DIA. X 1 1/2" LG.	
15	500724	1	PIN, COTTER 1/8" DIA. X 1" LG.	

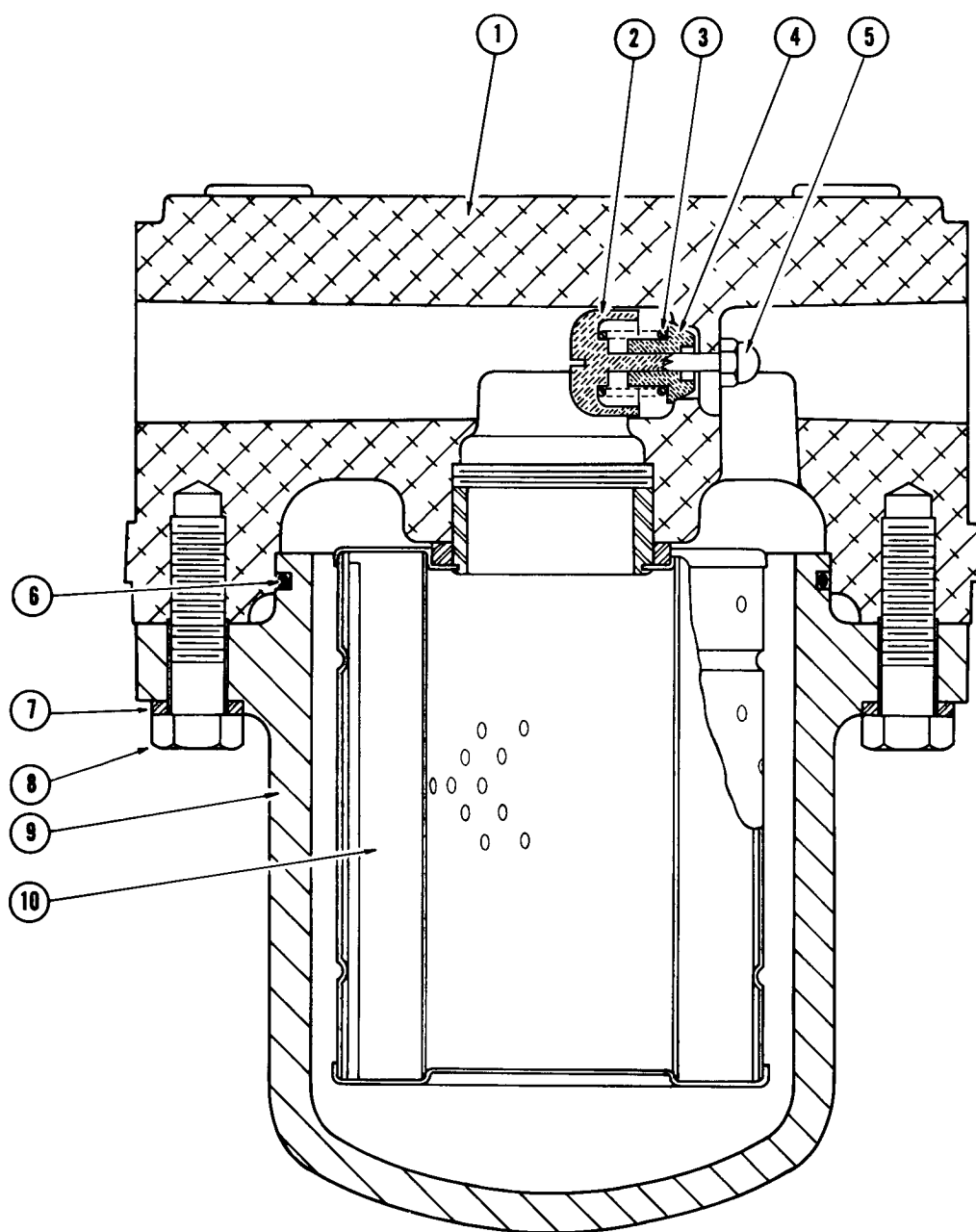


FIG. 4448

FILTER, HYDRAULIC OIL

FIGURE 4448

FILTER, HYDRAULIC OIL - 714852

Ref. No.	Part No.	Qty.	Description
1	714901	1	HEAD, FILTER
2	714902	1	RETAINER
3	714903	1	SPRING, CHECK
4	714904	1	CHECK
5	714905	1	NUT, ACORN
6	714906	1	O-RING
7	500935	12	LOCKWASHER
8	500508	12	CAPSCREW
9	714907	1	TUBE, FILTER
10	715015	1	ELEMENT, FILTER (Includes O-Ring - Item 6)

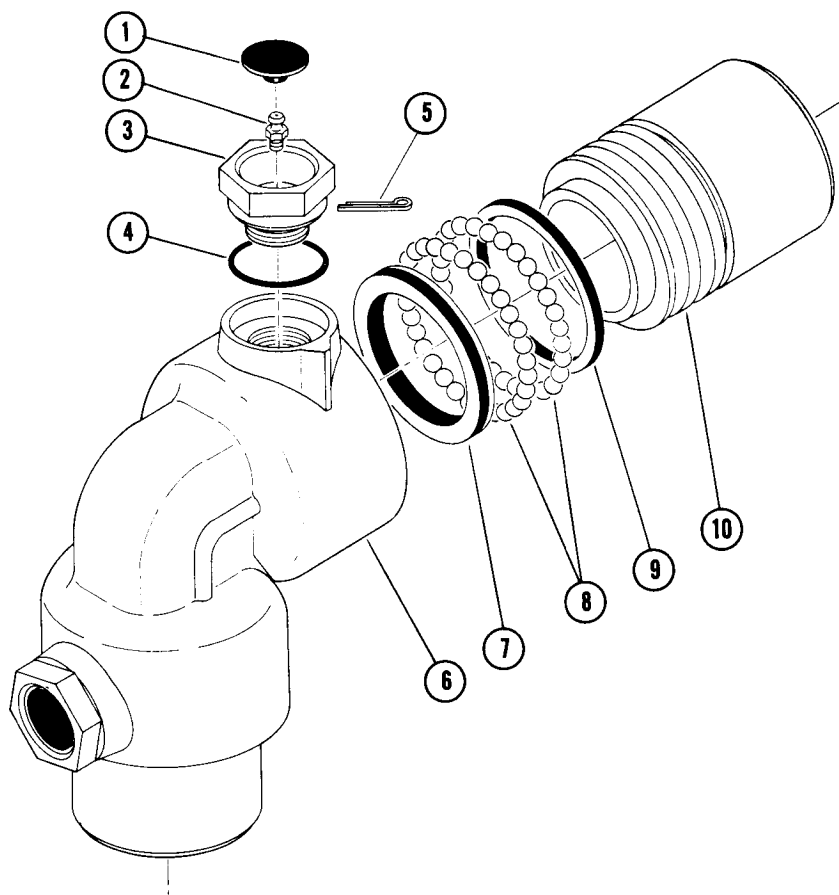


FIG. 4537 B

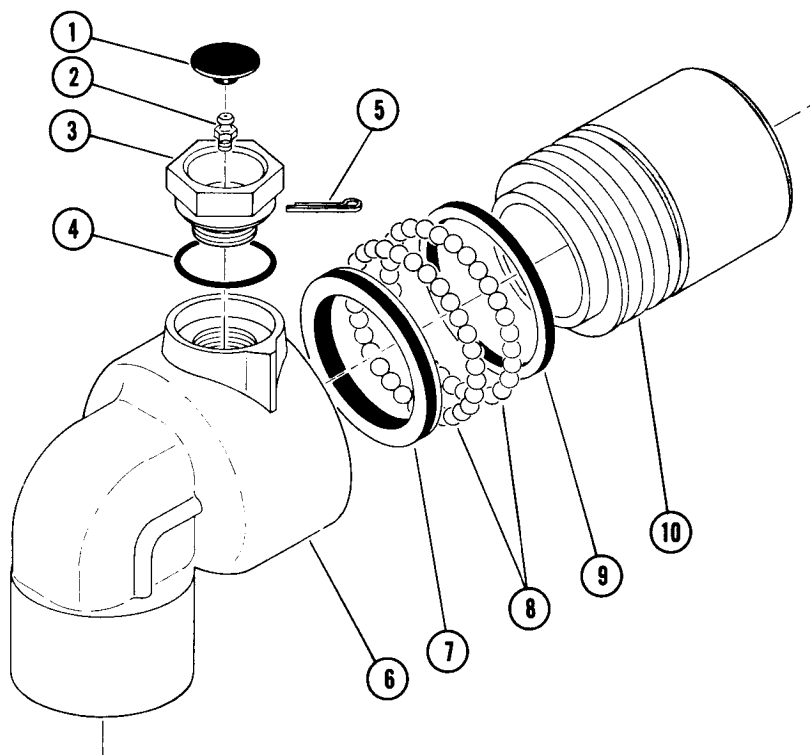


FIGURE 4537A

FITTING, DOUBLE SWIVEL - 502268

Ref. No.	Part No.	Qty.	Description
	502580	2	REPAIR KIT (Inc. Items 7 & 9)
1		2	CAP, DUST
2	501269	2	FITTING, GREASE, 1/4"NF - STRAIGHT
3		2	PLUG, BALL RETAINER
4	508099	2	"O" RING
5	500717	2	PIN, COTTER - 3/32" DIAMETER X 1 1/4" LENGTH
6		1	NIPPLE, COUPLING ELL
7		2	PACKING
8	503914	108	BALL
9		2	RETAINER, GREASE
10		2	NIPPLE, SWIVEL

FIGURE 4537B

FITTING, SINGLE SWIVEL - 501816

	502580	1	REPAIR KIT (Inc. Items 7 & 9)
1		1	CAP, DUST
2	501269	1	FITTING, GREASE, 1/4"NF - Straight
3		1	PLUG, BALL RETAINER
4	508099	1	"O" RING
5	500717	1	COTTER - 3/32" DIAMETER X 1 1/4" LENGTH
6		1	NIPPLE, COUPLING ELL
7		1	PACKING
8	503914	54	BALL
9		1	RETAINER, GREASE
10		1	NIPPLE, SWIVEL

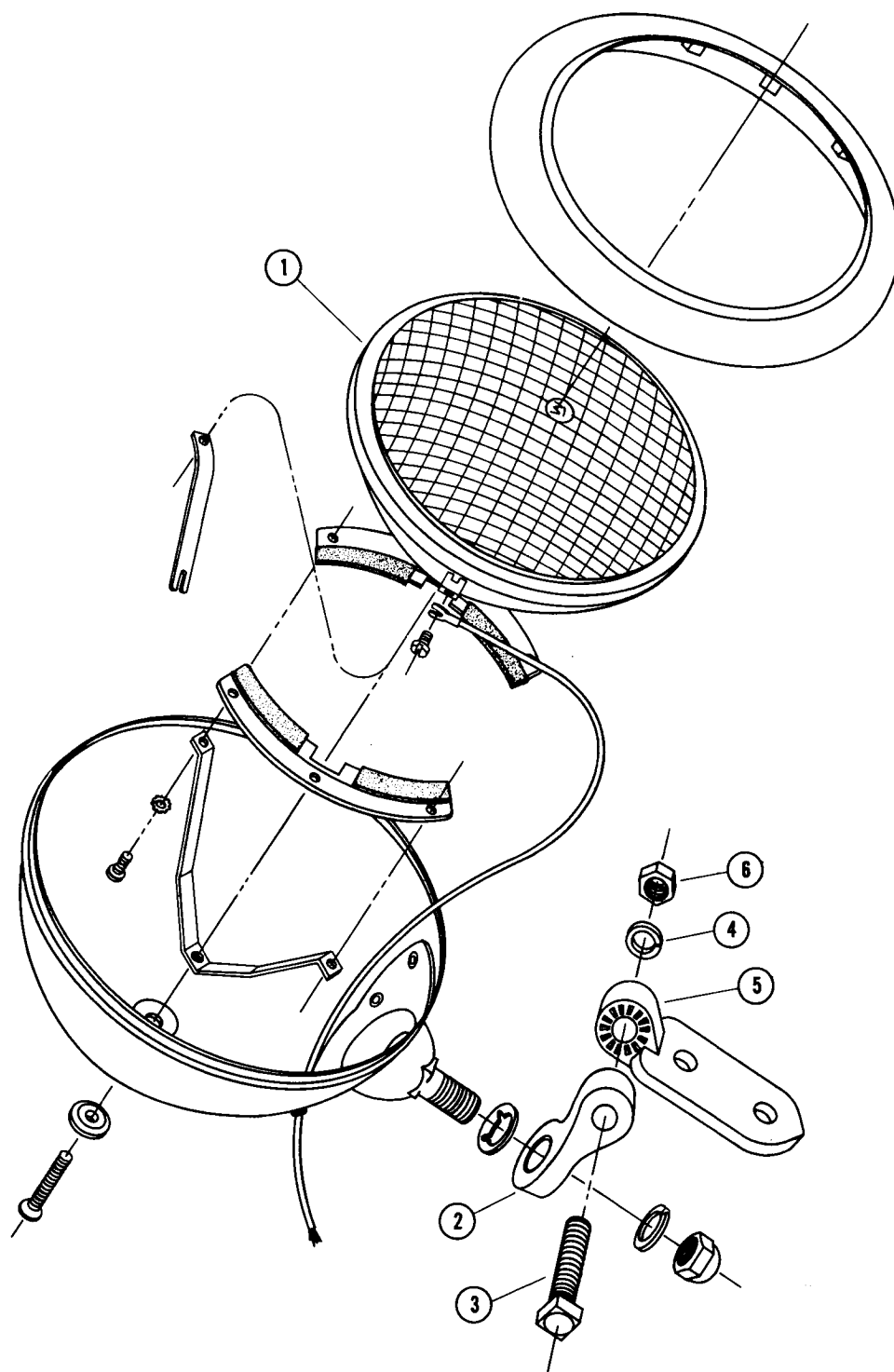


FIG. 4434

LIGHT & BRACKET

FIGURE 4434

LIGHT (AND BRACKET) ASSY - 506742

Ref. No.	Part No.	Qty.	Description
	506739		BRACKET ASSY, INC ITEMS 2, 3, 4, 5 & 6
1	506767	1	SEALED BEAM UNIT (12V)
2			BRACKET (1)
3			CAPSCREW (1)
4	500935		LOCKWASHER - 1/2"
5			BRACKET (1)
6	500048		NUT - 1/2"NC
NOTE: (1) NOT SERVICED SEPARATELY.			

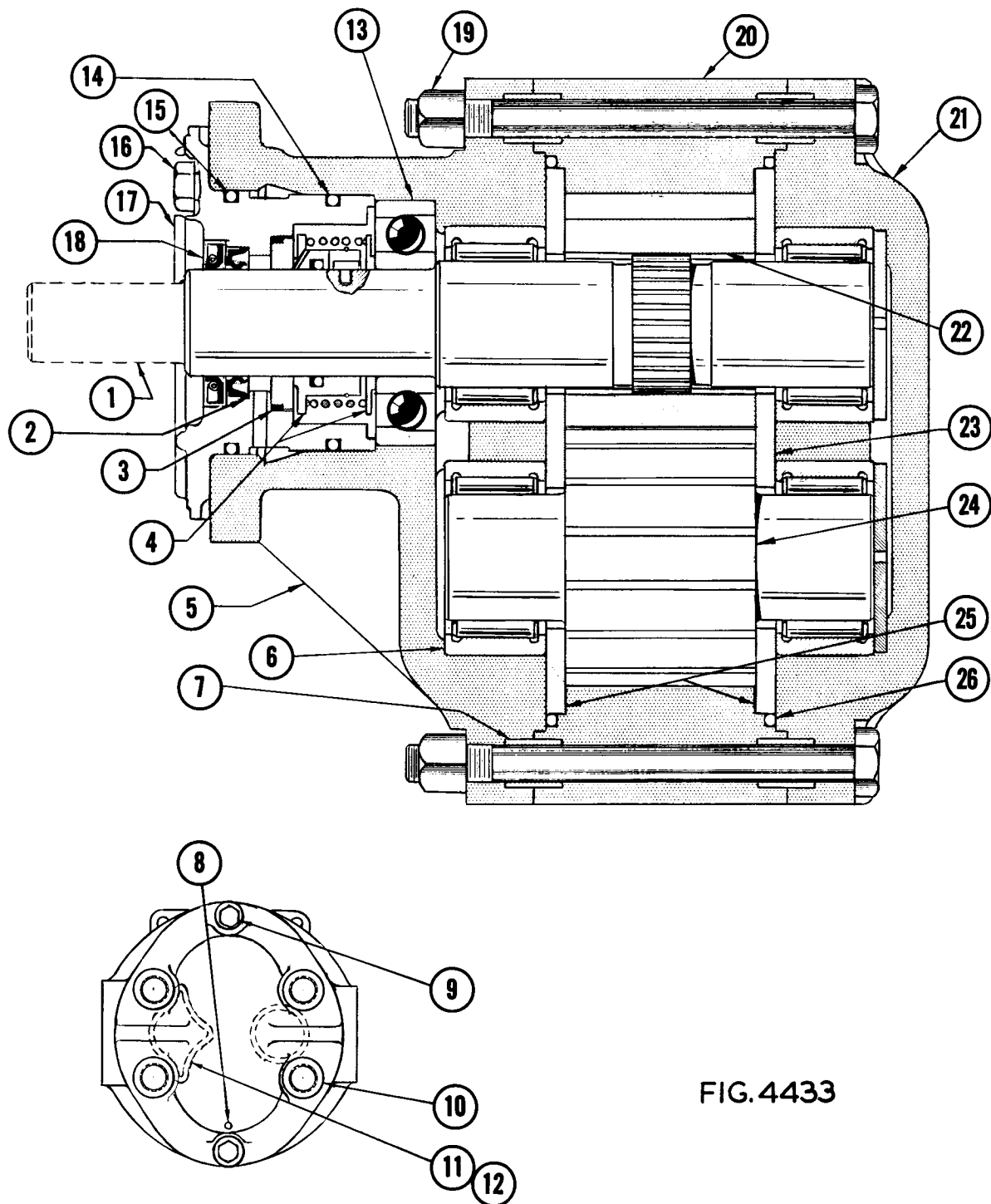


FIG. 4433

PUMP, MAIN HYDRAULIC

FIGURE 4433

PUMP, MAIN HYDRAULIC - 714662

Ref. No.	Part No.	Qty.	Description
1	714663	1	SHAFT
2	714664	1	SEAL
3	714665	1	SEAL SEAT ASSEMBLY (Inc. Seal Ring)
4	707607	1	SEAL ASSEMBLY (Inc. Item 4A & 4B)
4A	714666	1	KEY, DRIVE
4B	714667	1	"O" RING
5	714668	1	ADAPTER
6	714029	2	BEARING
7	707603	2	DOWEL
8	714669	1	PIN, ROLL
9	714670	2	CAPSCREW
10	714671	4	CAPSCREW
11	714672	2	"O" RING
12	714673	2	RING, BACK-UP
13	707613	1	BEARING
14	714756	1	"O" RING
15	708142	1	"O" RING
16	714040	6	CAPSCREW
17	714674	1	RETAINER, SEAL
18	714675	1	SEAL
19	714676	2	NUT
20	714677	1	HOUSING
21	714678	1	COVER ASSEMBLY (Inc. Items 21A-21E)
21A	714679	1	COVER
21B	714669	1	PIN, ROLL
21C	714029	2	BEARING
21D	707601	2	WASHER, THRUST
21E	707603	2	DOWEL
22	714680	1	GEAR, DRIVE
23	707608	2	PLATE, WEAR
24	714681	1	GEAR, DRIVEN
25	707609	AR	SHIM
26	714682	2	"O" RING

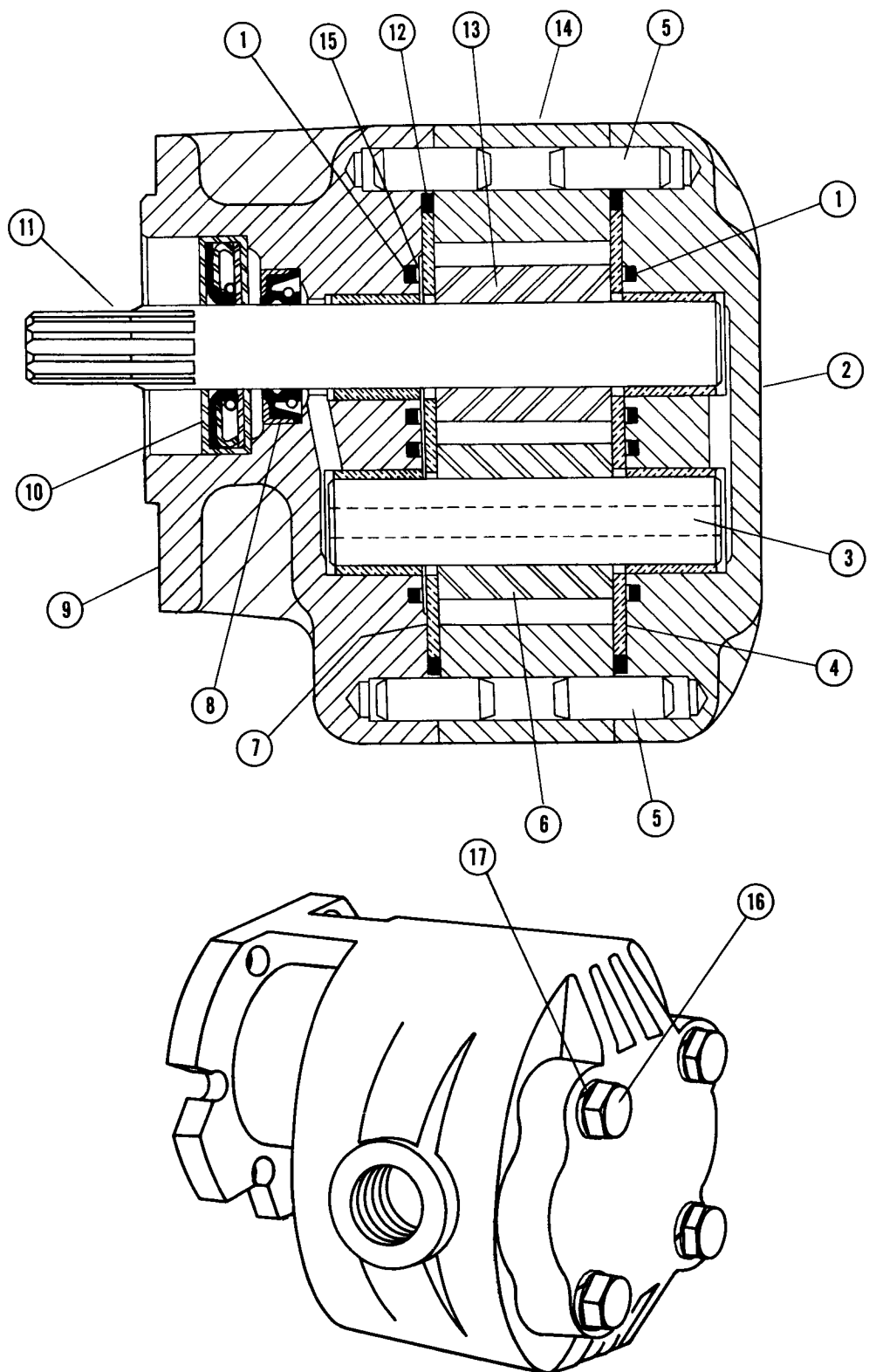


FIG. 4435

PUMP, STEERING

FIGURE 4435

PUMP, STEERING

714723

Ref. No.	Part No.	Qty.	Description
1	714400	6	"O" RING
2	714401	1	COVER ASSEMBLY (Includes Bushings)
3	714551	1	SHAFT ASSEMBLY, DRIVEN (Includes 3A & 6)
3A		1	SHAFT, DRIVEN (1)
4	714404	1	PLATE, WEAR
5	714405	4	DOWEL
6		1	GEAR, DRIVEN (1)
7	714407	1	PLATE, WEAR
8	714408	1	SEAL
9	714409	1	ADAPTER ASSEMBLY (Includes Bushings)
10	714410	1	SEAL
11	714552	1	SHAFT ASSEMBLY, DRIVE (Includes 11A & 13)
12	714413	2	"O" RING
13		1	GEAR, DRIVE (1)
14	714722	1	HOUSING ASSEMBLY (Includes Item 5)
15	714548	3	RING, BACKUP
16	714549	4	CAPSCREW
17	714550	4	WASHER, CAPSCREW LOCK
			NOTE: (1) NOT SERVICED SEPARATELY.
			(Effective Through Serial #452)

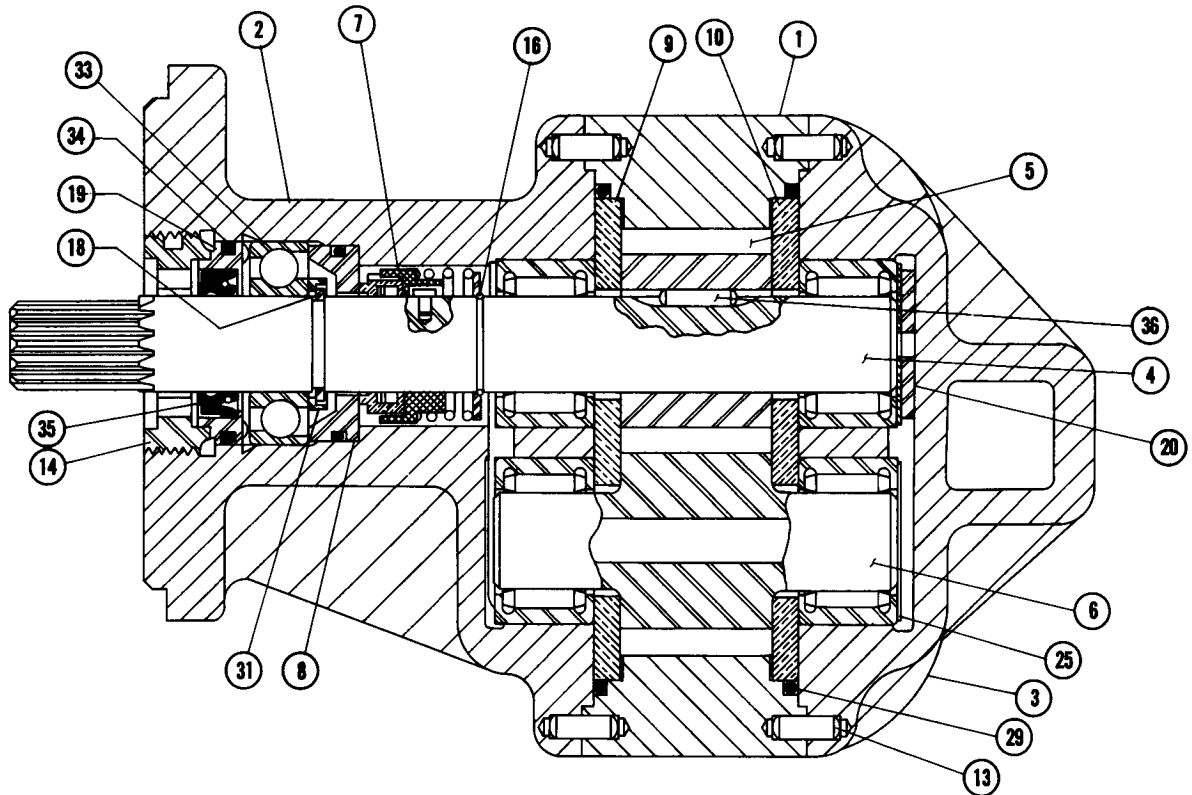
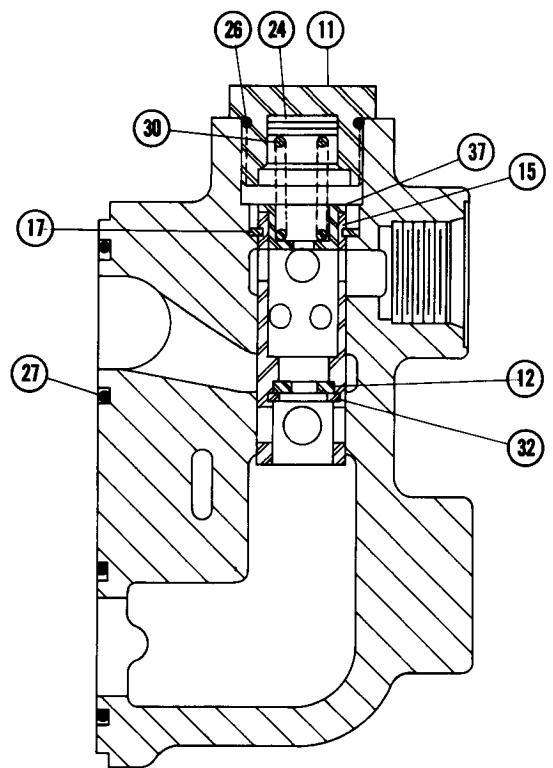
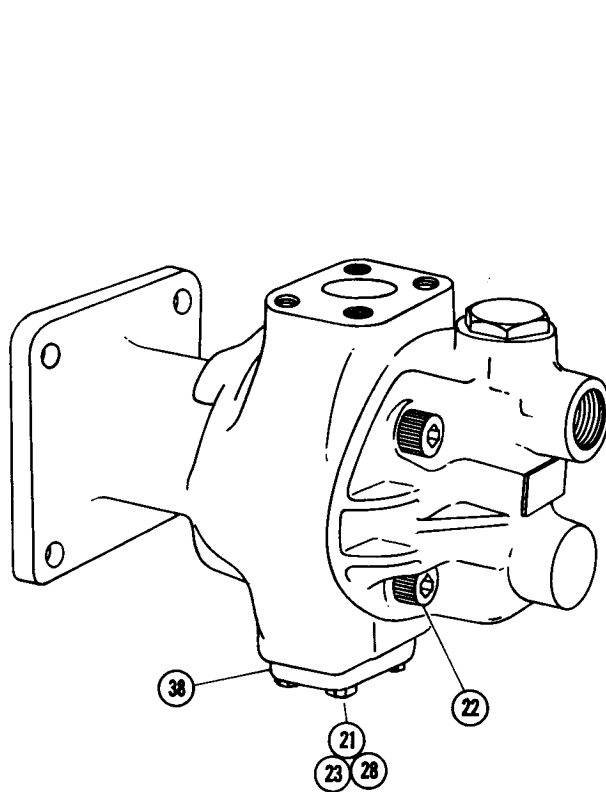


FIG. 4436

PUMP-STEERING

FIGURE 4 4 3 6

PUMP , STEERING HYDRAULIC - 7 1 5 3 0 4

Ref. No.	Part No.	Qty.	Description
1	714542	1	HOUSING, PUMP
2	715229	1	ADAPTER, PUMP
3	714544	1	COVER, PUMP
4	714543	1	SHAFT, DRIVE
5	714309	1	GEAR, DRIVE
6	714308	1	GEAR, DRIVEN
7	714324	1	SEAL ASSEMBLY
8	714345	1	SEAT ASSEMBLY, SEAL
9	714319	1	PLATE, WEAR
10	714317	1	PLATE, WEAR
11	VS1911	1	CAP
12	VS1912	1	PLUG, ORIFICE
13	708189	4	PIN, DOWEL
14	714545	1	RETAINER ASSEMBLY, BEARING
15	VS1913	1	SLFVE
16	708304	1	SNAPRING
17	714354	1	SNAPRING
18	714303	1	SNAPRING
19	714540	1	SLEEVE, SEAL
20	714330	1	WASHER, THRUST
21	VS1914	4	CAPSCREW
22	715245	4	CAPSCREW
23	708082	4	LOCKWASHER
24	VS1915	4	WASHER
25	714322	4	BEARING, ROLLER
26	708135	1	"O" RING
27	708137	3	"O" RING
28	708138	1	RING, COVER SEAL
29	708144	2	"O" RING
30	714351	1	SPRING
31	714301	1	SNAPRING, RETAINING
32	714346	1	SNAPRING
33	714321	1	BEARING, THRUST
34	714318	1	"O" RING
35	714399	1	SEAL ASSEMBLY
36	714311	1	DOWEL
37	VS1916	1	PLUG
38	VS1917	1	COVER, PUMP

(Effective With Serial #453)

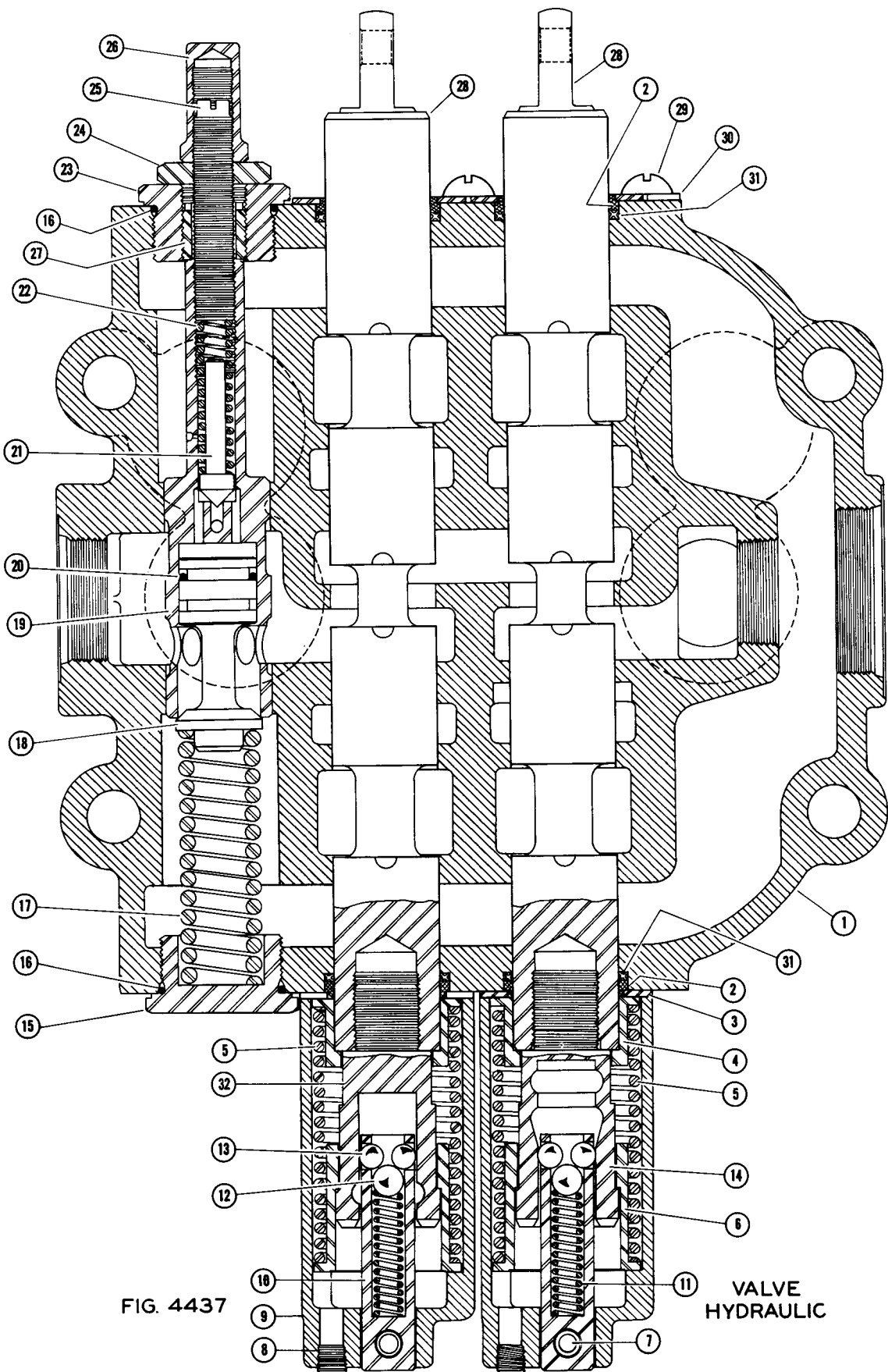


FIG. 4437

VALVE
HYDRAULIC

FIGURE 4437

VALVE, MAIN HYDRAULIC 714777

Ref. No.	Part No.	Qty.	Description
1		1	HOUSING, VALVE (1)
2	714778	4	OIL SEAL AND WIPER
3	708042	4	PLATE, SEAL
4	708043	2	SEAT, SPRING
5	708044	2	SPRING
6	708045	2	SEAT, SPRING
7	708046	4	PIN ROLL
8	501835	2	PLUG, PIPE - 1/8"NPT
9	708047	2	CAP
10	708048	2	PIN
11	708049	2	SPRING
12	708050	2	BALL
13	708051	6	BALL
14	708052	1	END, PLUNGER
15	708061	6	PLUG
16	708062	1	"O" RING
17	708063	1	SPRING
18	708064	1	POPPET
19	708065	1	SLEEVE, RELIEF VALVE
20	708066	1	"O" RING
21	708067	1	GUIDE, SPRING
22	708068	1	SPRING
23	708069	1	PLUG
24	708070	1	NUT
25	708071	1	SCREW, ADJUSTMENT
26	708072	1	NUT
27	708073	1	SLEEVE, ADJUSTMENT
28		2	PLUNGER (1)
29	714563	4	CAPSCREW
30	708042	1	PLATE, SEAL
31	714779	4	RING, QUAD
32	714780	1	END, PLUNGER
NOTE: (1) REPLACEMENT OF THE PLUNGER(S) IS NOT RECOMMENDED BECAUSE OF INDIVIDUAL FITTING, AT EXTREMELY CLOSE TOLERANCES, TO THE HOUSING'S BORES.			

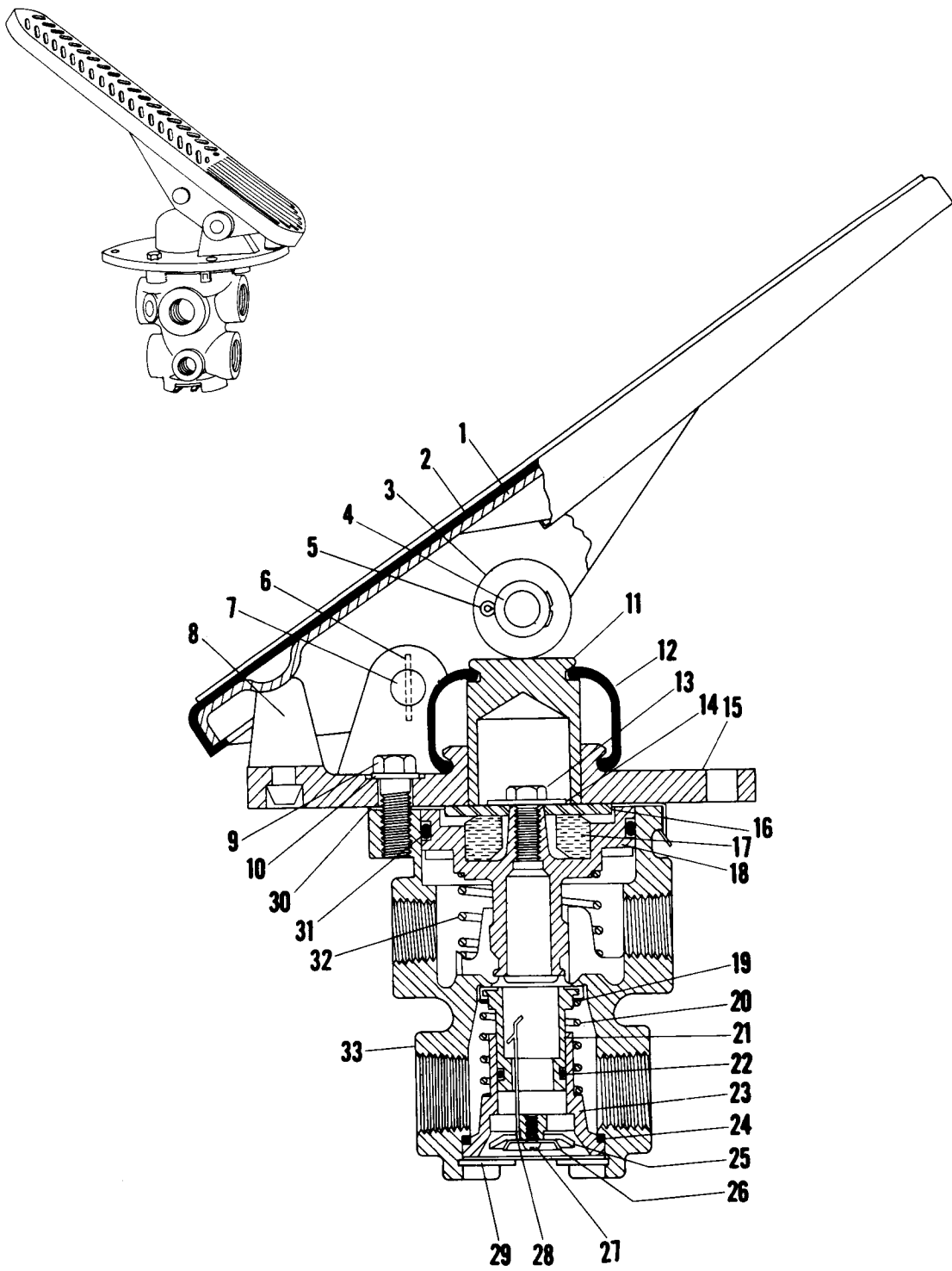


FIG. 4432

VALVE, AIR TREADLE

FIGURE 4432

VALVE ASSEMBLY, BRAKE AIR (TREADLE)

505114

Ref. No.	Part No.	Qty.	Description	B-W PART NO.
	RK1180	1	KIT, FIELD (Inc. 12,17,20-22,24,25,28 & 31)	
1		1	TREADLE	229939
2		1	COVER, TREADLE	240069
3		1	ROLLER	236288
4		1	PIN, ROLLER	238474
5		1	PIN, COTTER	210492
6		1	PIN, ROLL	235212
7		1	PIN, FULCRUM	238888
8		1	STOP, BUTTON	236980
9		3	CAPSCREW	202979
10		3	LOCKWASHER	202982
11		1	PLUNGER	236981
12		1	BOOT	236982
13		1	CAPSCREW (Nylon Lock)	239640
14		1	WASHER	239713
15		1	PLATE, MOUNTING	236979
16		1	SEAT, SPRING	239634
17		1	SPRING, RUBBER	239600
18		1	PISTON	239631
19		1	WASHER	239685
20		1	SPRING, VALVE	239627
21		1	VALVE, INLET & EXHAUST	239979
22		1	"O" RING	239136
23		1	SEAT, EXHAUST CHECK VALVE	239630
24		1	"O" RING	239645
25		1	DIAPHRAGM	239615
26		1	WASHER, DIAPHRAGM	239708
27		1	SCREW W/LOCKWASHER	239714
28		1	SPRING, INLET VALVE PRELOAD	239737
29		1	RING, RETAINING	239740
30		1	RETAINER	239668
31		1	"O" RING	239643
32		1	SPRING, PISTON RETURN	235829
33		1	BODY	239633

MISCELLANEOUS PARTS

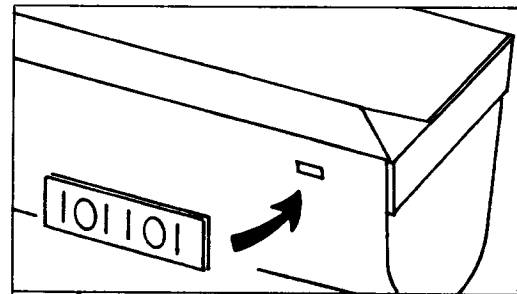
Ref. No.	Part No.	Qty.	Description
			<u>CHASSIS</u>
	KB3969	2	RAIL, HAND
	KB1111	1	COVER, FILTERS
	KB1111	1	COVER, BATTERIES
	502482	8	WINGNUT - 3/8"NC
	KB2767	2	COVER, TANK FILL
	KB2766	2	HINGE, TANK FILL COVER
	JG1778	1	COWL STRUCTURE
	KB4249	2	HOSE BRACKET (Cowl Weld On)
	501311	2	HOSE CLAMP
	JG1013	1	HOLD DOWN, BATTERY
			<u>AXLES</u>
	KB4513	2	BAR, FRONT AIR CHAMBER EXTENSION
	KB4168	2	SHIM, STANDARD FRONT AXLE
	KA 674	8	BOLT, 1"NF (Front Axle)
	KB4516	8	BOLT, 1"NF (Rear Axle)
	502554	32	NUT, ELASTIC STOP 1"NF
			<u>HOOD & GRILL</u>
	JG1151	1	FIREWALL STRUCTURE
	KB2233	1	HOOD (Cummins Inst. Only)
	JG1149	1	GRILL STRUCTURE (Cummins Only)
	KB2065	2	PANEL, HOOD SIDE (Specify Right or Left Hand)
	507897	4	CLAMP, ENGINE SIDE PANEL HOLD DOWN
	502951	2	HANDLE, SIDE PANEL, ENGINE
	KB2296	2	LATCH, SIDE PANEL, ENGINE
	KB1712	1	GRILL, LOWER HALF
			<u>ENGINE INSTALLATION</u> (Cummins)
	KB1077	1	SUPPORT STRUCTURE, ENGINE FRONT
	KB 845	1	PAD, ENGINE MOUNT, FRONT
	KB 851	1	CHANNEL, ENGINE SUPPORT, REAR
	KB 852	1	BAR, ENGINE SUPPORT
	KB 846	1	PAD, ENGINE MOUNT, REAR

LOCATING PART NUMBERS — SCOOPMOBILE

All Scoopmobile loaders have a tag in the operator's compartment which contains the Scoopmobile model number, Scoopmobile serial number and Engine serial number.

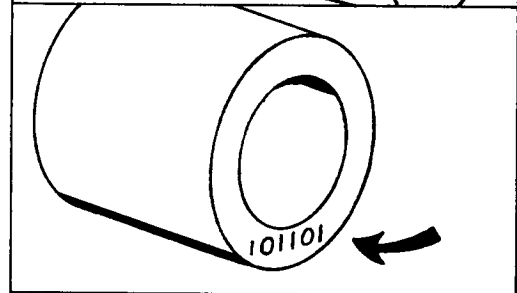
BUCKETS

The bucket assembly number is shown stamped on a tag welded to the back and upper-right of the bucket.



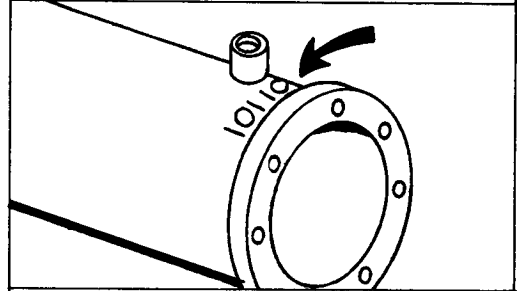
BUSHINGS

All Scoopmobile bushings, sleeves, and bearings have a part number stamped into the end lip.



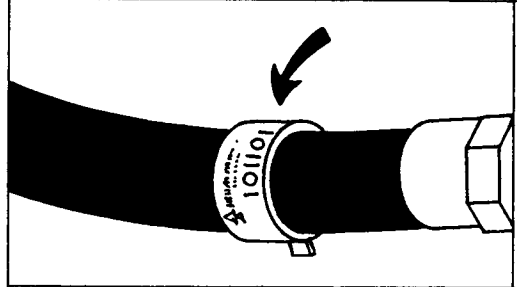
CYLINDERS

Part assembly number is stamped on the barrel.



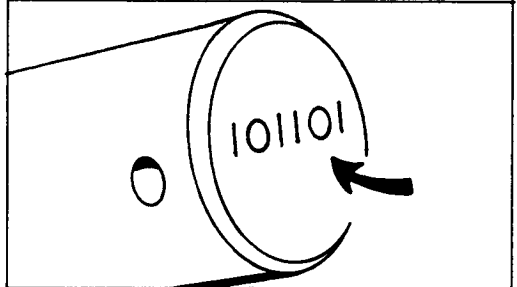
HOSES

All hoses have aluminum tags giving proper 6-digit part number.



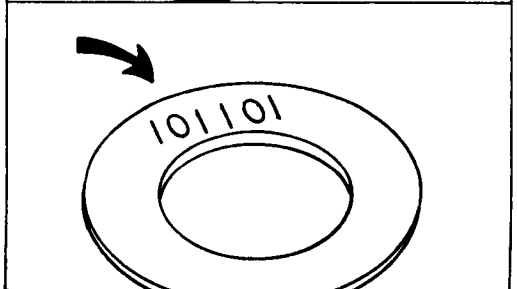
PINS

All Scoopmobile pins and shafts have a part number stamped on the end of the shaft.

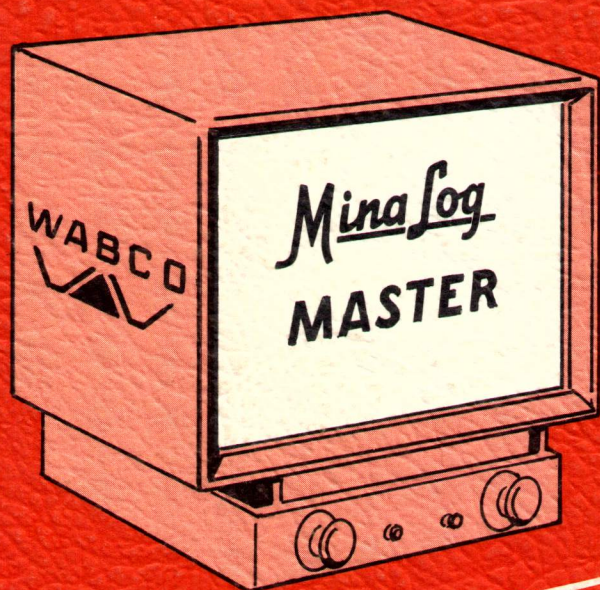


WASHERS

Thrust washers and other flat parts are stamped on one side.



FIRST in the Earthmoving Industry



Fast ✓

Accurate ✓

Dependable ✓

PARTS SERVICE

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