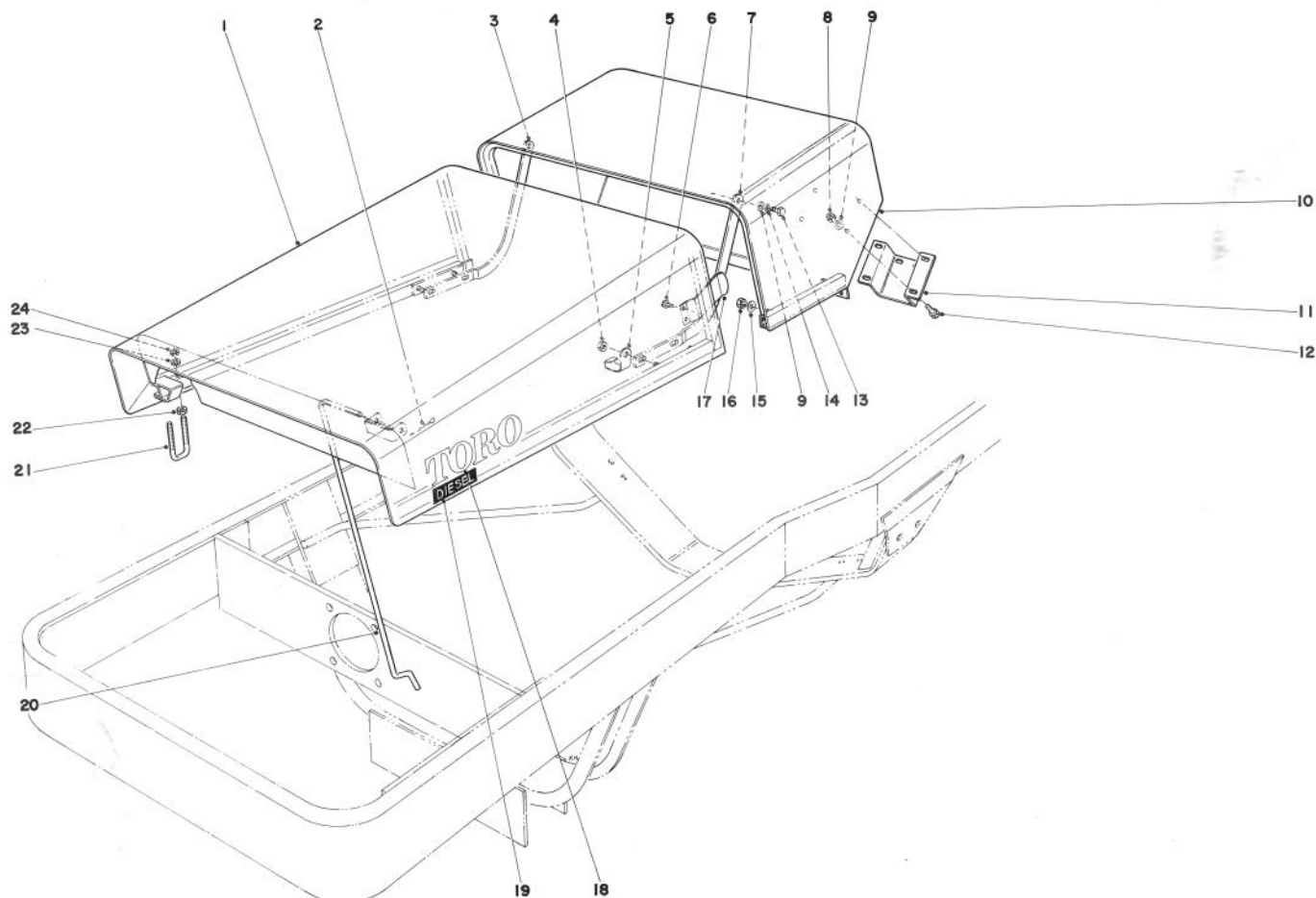
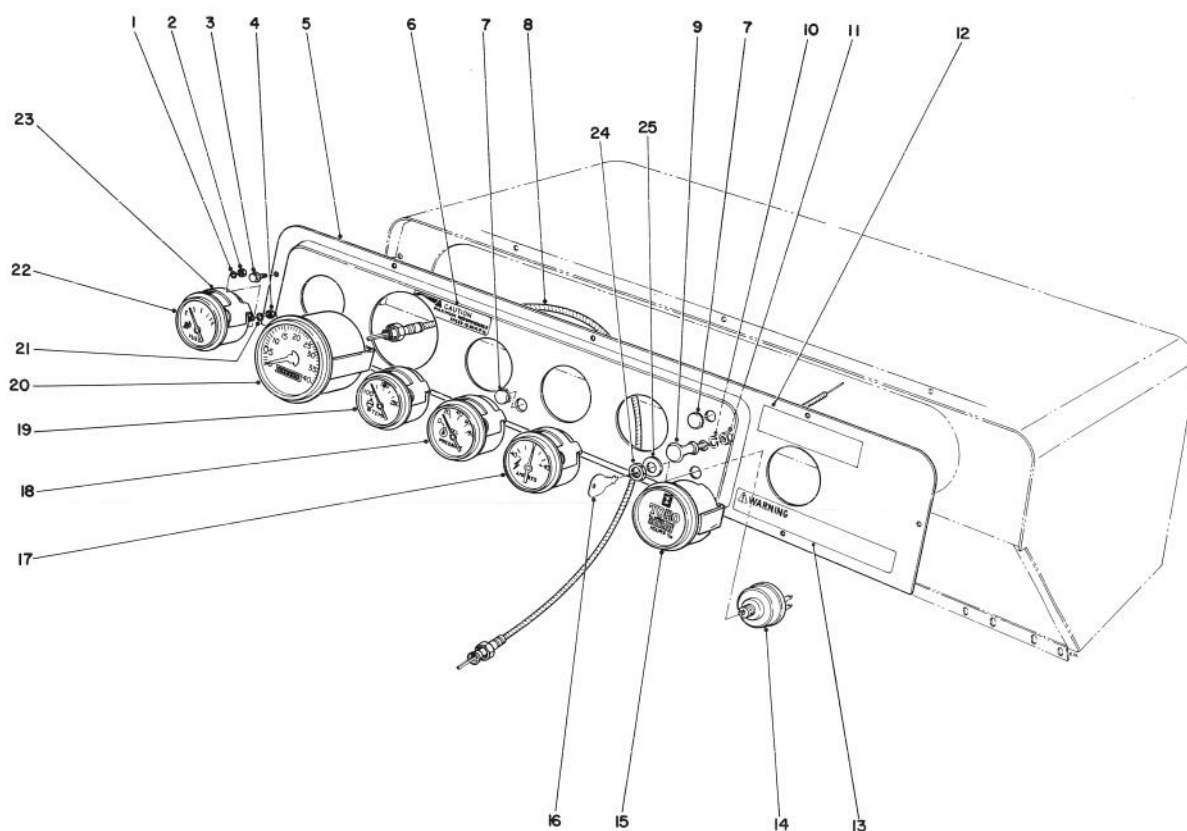



TORO®
MODEL NO. 33877 — 70001 & UP
MODEL NO. 01085 — 70001 & UP
**PARTS
CATALOG**
HTM-175®

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	18-0630	Hood	1
2	3272-9	Cotter Pin	1
3	18-0760	Pivot Arm R. H.	1
4	32128-29	Flange Lock Nut	4
5	18-1270	Clip Hood Prop	1
6	32140-32	Hex Hd. Self Tapping Screw	4
7	18-0750	Pivot Arm L. H.	1
8	32153-3	Locknut	4
9	3256-23	Washer	6
10	18-0560	Cowl	1
11	18-0770	Steering Column Support	1
12	322-2	Capscrew	4

Ref. No.	Part No.	Description	No. Used
13	322-1	Capscrew	2
14	3253-4	Lockwasher	2
15	3256-24	Washer	4
16	32153-2	Locknut	4
17	18-3230	Spring Hood Support	2
18	18-2180	Decal — Toro	2
19	19-6060	Decal — Diesel	2
20	19-2970	Hood Prop	1
21	18-1290	U-Bolt Hood	2
22	3218-1	Jam Nut	4
23	3253-3	Lockwasher	4
24	3217-5	Nut	4

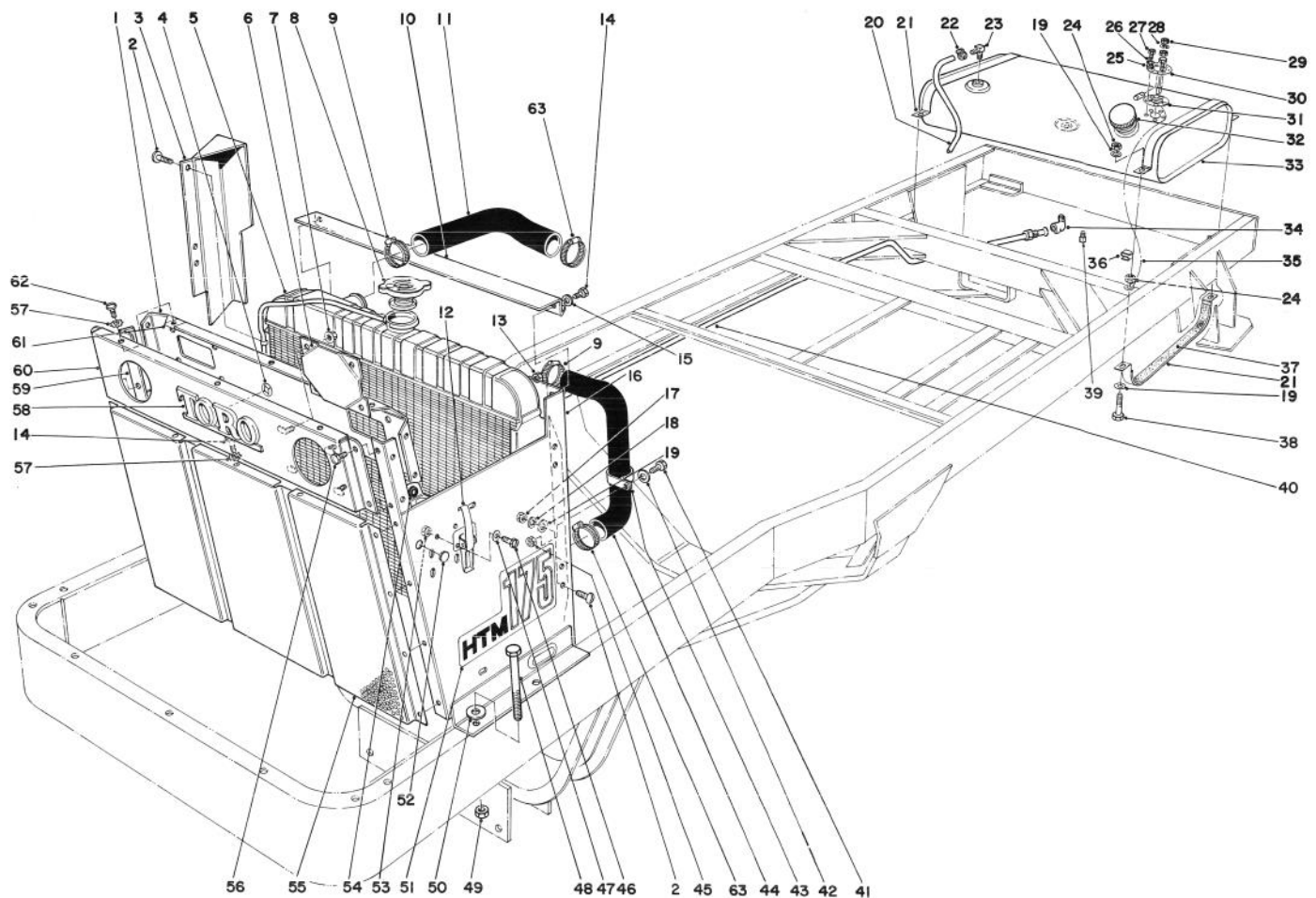


DASH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3253-17	Lockwasher	8
2	3219-14	Nut	8
3	32104-77	Screw Self Tapping	8
4	3217-29	Nut	8
5	18-1390	Instrument Panel	1
6	28-1030	Decal — Caution	1
7	2410-13	Plug Button	2
8	18-2670	Flexible Shaft	1
9	19-2930	Fuel Shut-Off Cable	1
10	3253-21	Lockwasher	1
11	3220-3	Jam Nut	1
12	37-9890	Decal —Caution	1
13	39-3680	Warning Decal	1

Ref. No.	Part No.	Description	No. Used
14	12-8140	Ignition Switch (Incl. Ref. #16 & 24-25)	1
15	12-9990	Hour Meter	1
16	218-412	Key (Set of 2)	1
17	38-1660	Ammeter	1
18	38-1630	Oil Pressure Gauge	1
19	38-1640	Water Temperature Gauge	1
20	18-2230	Speedometer	1
21	3254-9	Lockwasher	8
22	38-1650	Fuel Gauge	1
23	38-1670	Mounting Bracket	4
*	38-1940	Wiring Harness	1
24	218-447	Nut	1
25	218-446	Washer	1

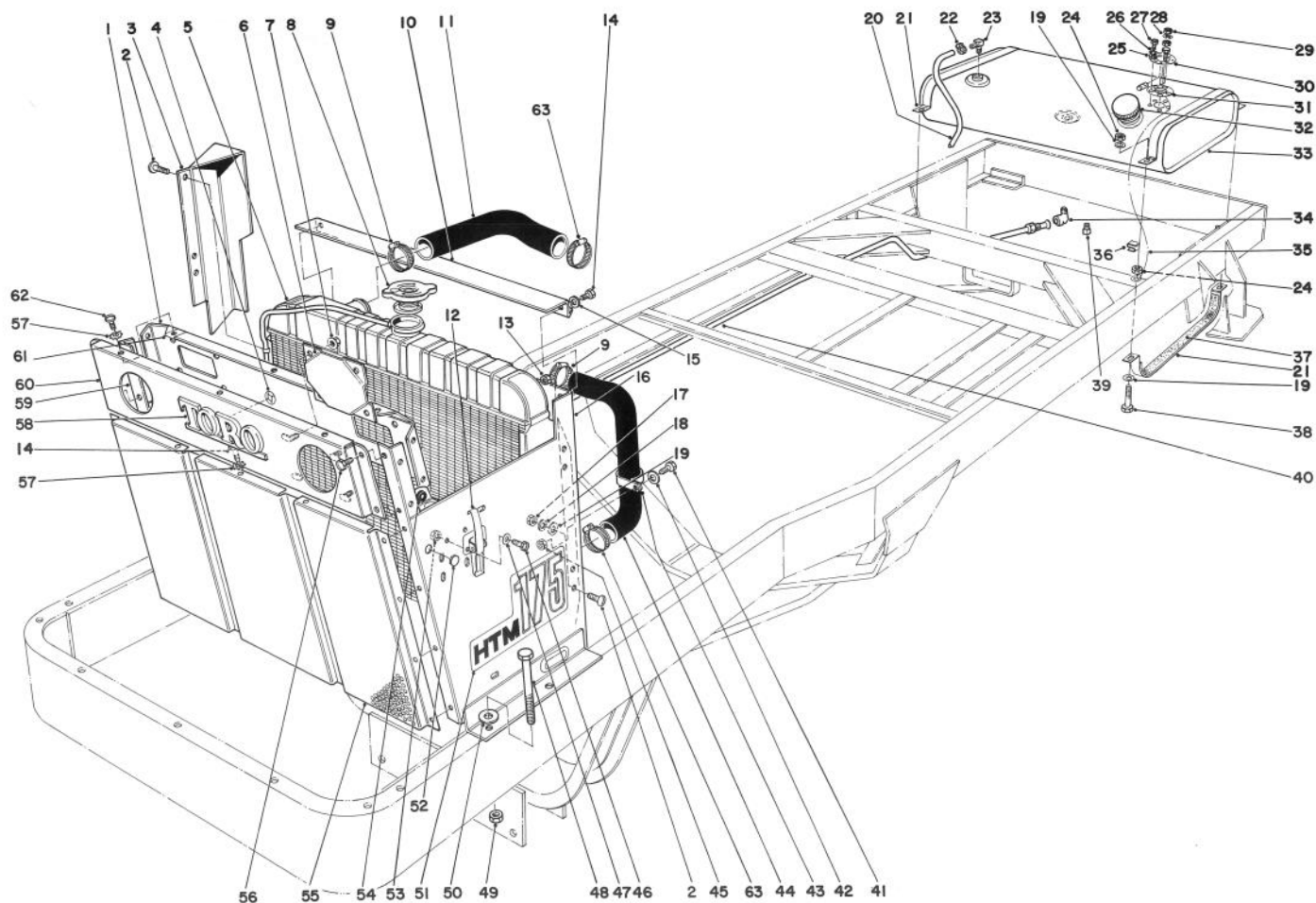
*Not Illustrated



RADIATOR AND GRILLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	18-1020	Cover — Headlights	1
2	32122-14	Screw — Machine, Truss Hd.	8
3	38-3140	Shield	1
4	3290-363	Tinnerman Clip	5
5	19-3080	Radiator	1
6	18-4350	Cover — Headlight Hole	2
7	32128-17	Nut — Flange	8
8	18-2660	Radiator Cap	1
9	2412-75	Hose Clamp	2
10	19-3040	Brace — Front Side Plate	1
11	19-3550	Radiator Hose — Upper	1
12	249-10	Hood Clamp	2
13	32153-4	Nut — Lock	4
14	321-2	Capscrew	7
15	3256-22	Washer — Plain	4
16	37-2300	Front Side Panel L.H.	1
17	3217-6	Nut — Hex	8
18	3253-4	Lockwasher	8
19	3256-23	Washer — Plain	16
20	19-3260	Hose — Bleed Off	1
21	36-8280	Strap — Fuel Tank	4
22	2412-36	Hose Clamp	1
23	304-75	90° Barb Hose Stem	1

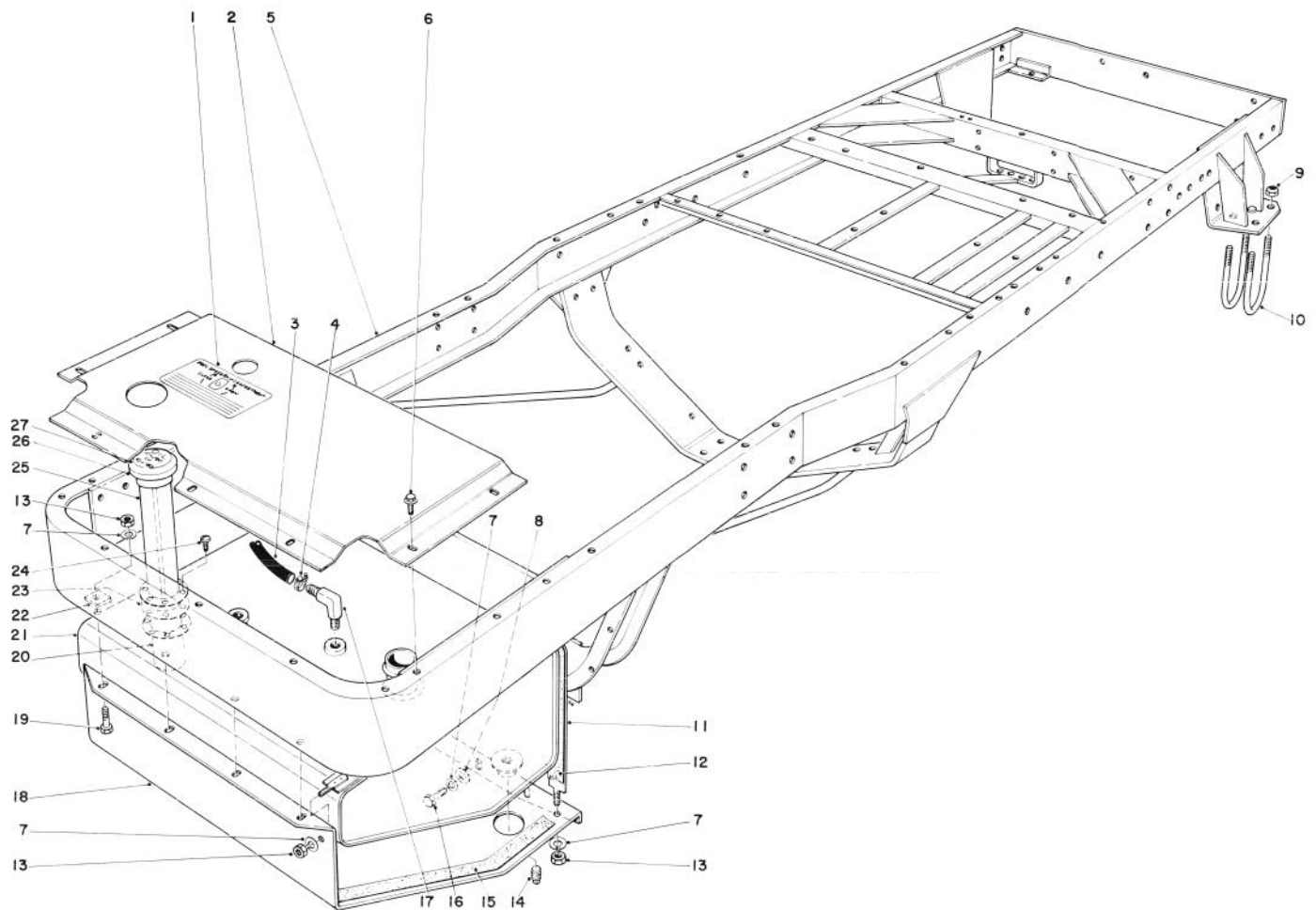
Ref. No.	Part No.	Description	No. Used
24	32153-3	Nut — Lock	8
25	237-49	Seal Rolled Washer	5
26	3254-1	Washer — Lock Int. Tooth	5
27	3252-16	Screw — Machine, Fil. Hd.	5
28	3255-17	Washer — Lock	1
29	3219-14	Nut — Hex	1
30	18-2370	Sender — Fuel Lever	1
31	18-2380	Gasket — Fuel Sending Unit	1
32	222-8	Filler Cap	1
33	36-8290	Fuel Tank & Cap (Incl. Ref. #32)	1
34	27-0130	90° Elbow	1
35	3-3868	Wire Ground	1
36	212-93	Clip — Wire	3
37	3-3824	Felt Strip — Fuel Tank	4
38	3290-319	Screw — Machine Hex Hd.	4
39	281-5	Square Hd. Pipe Plug	1
40	44-2630	Fuel Line	1
41	323-4	Screw — Cap Hex Hd.	1
42	3256-24	Washer — Plain	1
43	2412-44	Hose Clamp	1
44	19-3560	Radiator Hose Lower	1
45	32153-2	Nut — Lock	1



RADIATOR AND GRILLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	3252-2	Screw — Machine Fillister Hd.	4
47	3253-17	Washer — Lock	4
48	325-20	Capscrew	4
49	32153-5	Nut — Lock	4
50	3256-26	Washer — Plain	4
51	38-2870	Decal — HTM-175	2
52	2410-13	Plug — Button	2
53	3217-26	Nut — Hex	4
54	237-37	Rubber Bumper	4

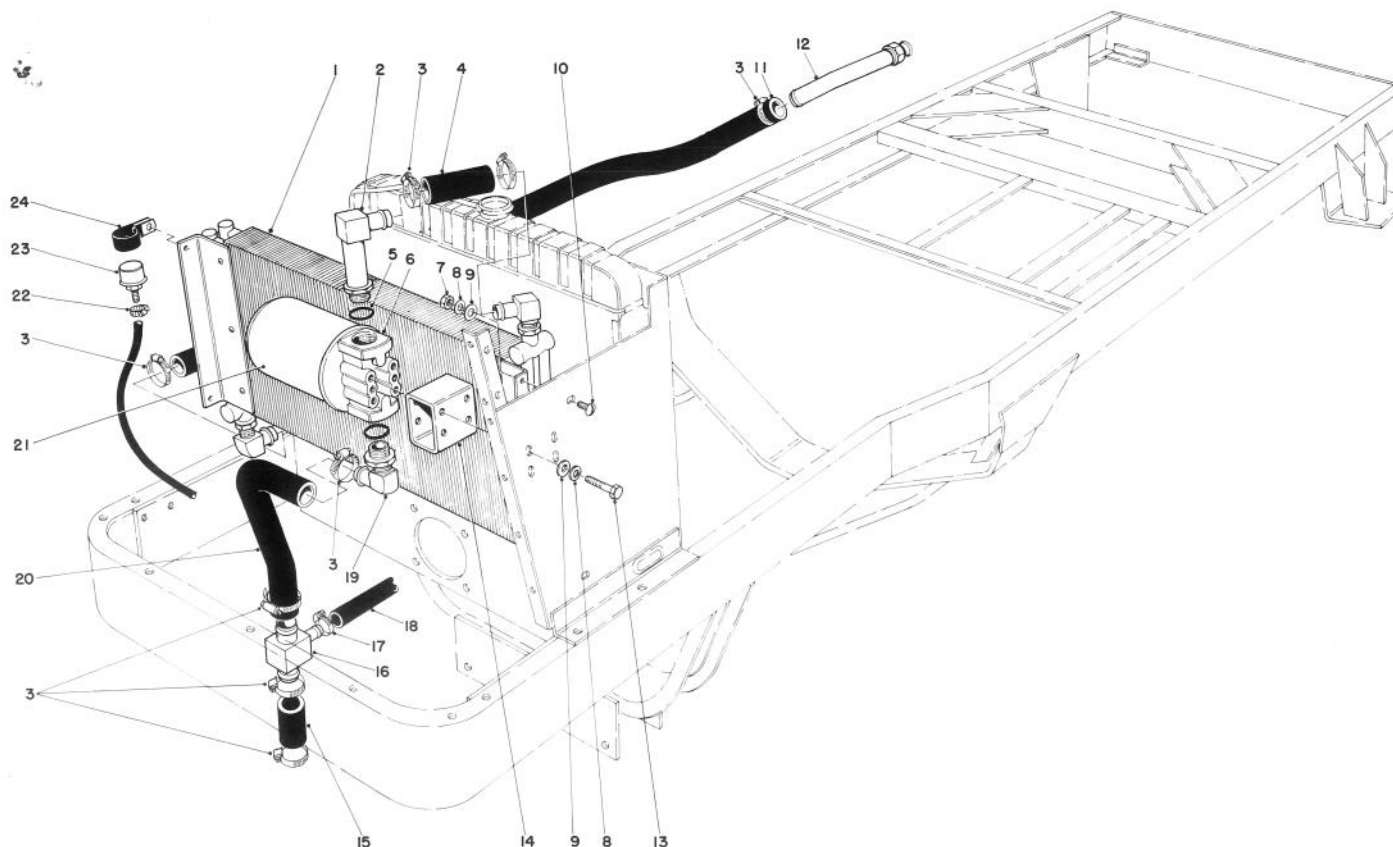
Ref. No.	Part No.	Description	No. Used
55	37-2240	Grille	1
56	32140-42	Screw — Self Tapping Hex. Hd.	12
57	3255-7	Washer — Lock Ext. Tooth	10
58	25-9650	Toro Emblem	1
59	37-2340	Front Side Panel R.H.	1
60	37-2230	Headlight Panel	1
61	3290-192	Tinnerman Clip	7
62	3290-145	Screw — Machine, Pan Hd.	7
63	2412-3	Hose Clamp	2



HYDRAULIC TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37-4900	Decal — Variable Clip	1
2	37-3110	Cover — Front Frame	1
3	43-7950	Hose — Hyd. Reservoir Venting	1
4	2412-46	Hose Clamp	1
5	44-1450	Frame	1
6	32104-82	Screw — Self Tapping Hex Washer Hd.	7
7	3253-21	Lockwasher	8
8	3256-24	Washer Plain	4
9	3296-51	Nut — Lock	8
10	46-6450	U-Bolt	4
11	37-2550	Tank Strap	2
12	37-2540	Felt Strip	2
13	3217-7	Nut Hex	4
14	281-3	Square Hd. Pipe Plug	1

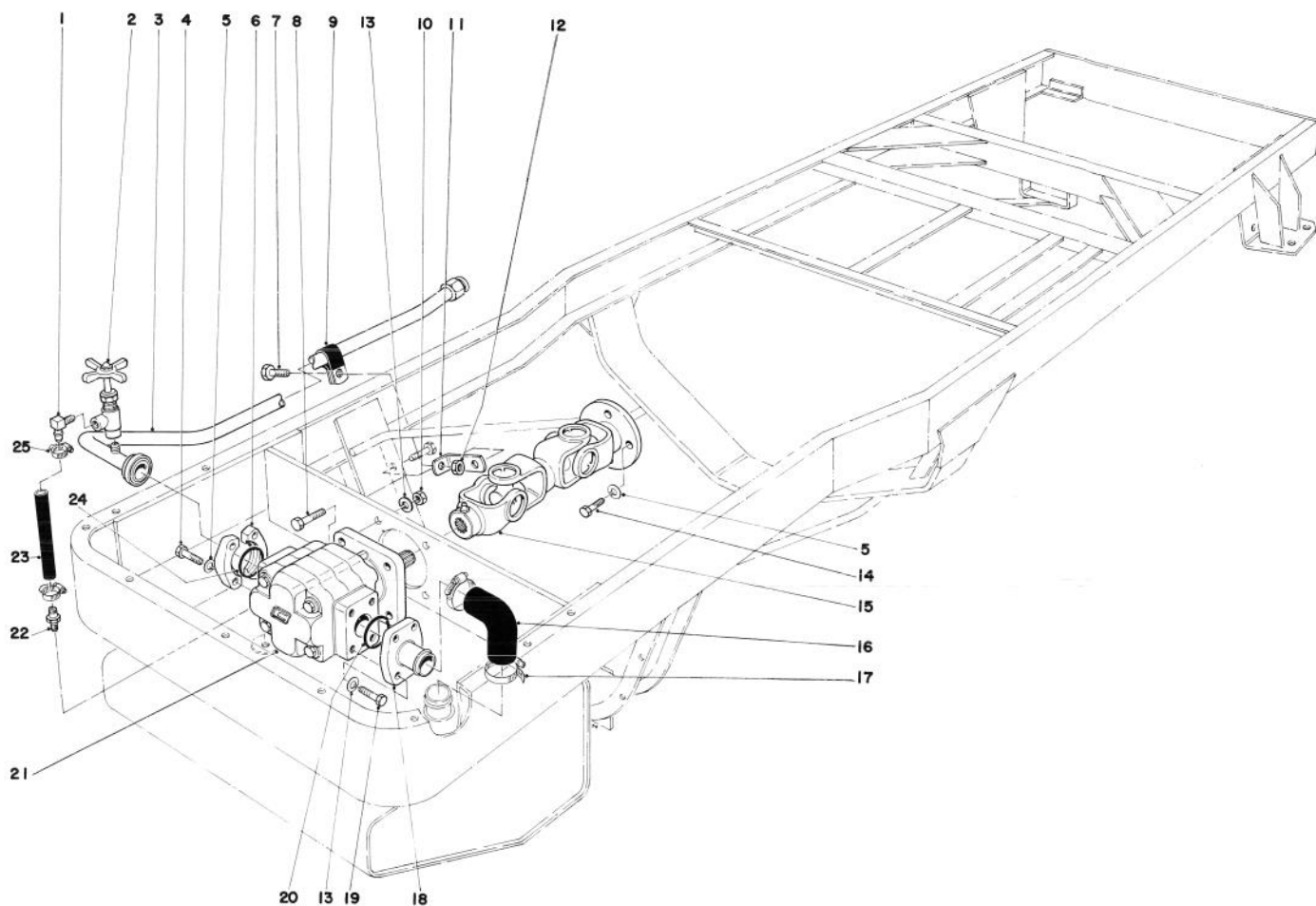
Ref. No.	Part No.	Description	No. Used
15	37-2580	Strip — Sponge Rubber	3
16	323-6	Capscrew	4
17	353-784	Hose Fitting	1
18	37-2600	Front Cover Plate	1
19	323-8	Screw, Cap Hex. Hd.	4
20	46-2490	Screen — Filler	1
21	43-4860	Hydraulic Tank Assembly (Incl. Ref. #20, 23-26)	1
22	3290-216	Washer — Bevel	4
23	353-500	Gasket	2
24	32104-10	Screw — Self Tapping	6
25	46-2570	Tube — Filler Neck	1
26	46-2540	Dipstick	1
27	11-6350	Decal — Oil	1



HYDRAULIC COOLER

Ref. No.	Part No.	Description	No. Used
1	44-8550	Hydraulic Cooler	1
2	44-8540	Elbow 90° Connector Filter	1
3	2412-75	Hose Clamp	8
4	40-9280	Hose — Filter to Cooler	1
5	237-101	O-Ring	2
6	27-2370	Hydraulic Filter & Head Assy. (Incl. Ref. #21)	1
7	3217-6	Nut	4
8	3253-4	Lockwasher	8
9	3256-23	Washer	8
10	32122-14	Machine Screw Truss Hd.	4
11	40-9310	Hose Center Return	1
12	44-8600	Return Rear	1
13	322-13	Capscrew	4

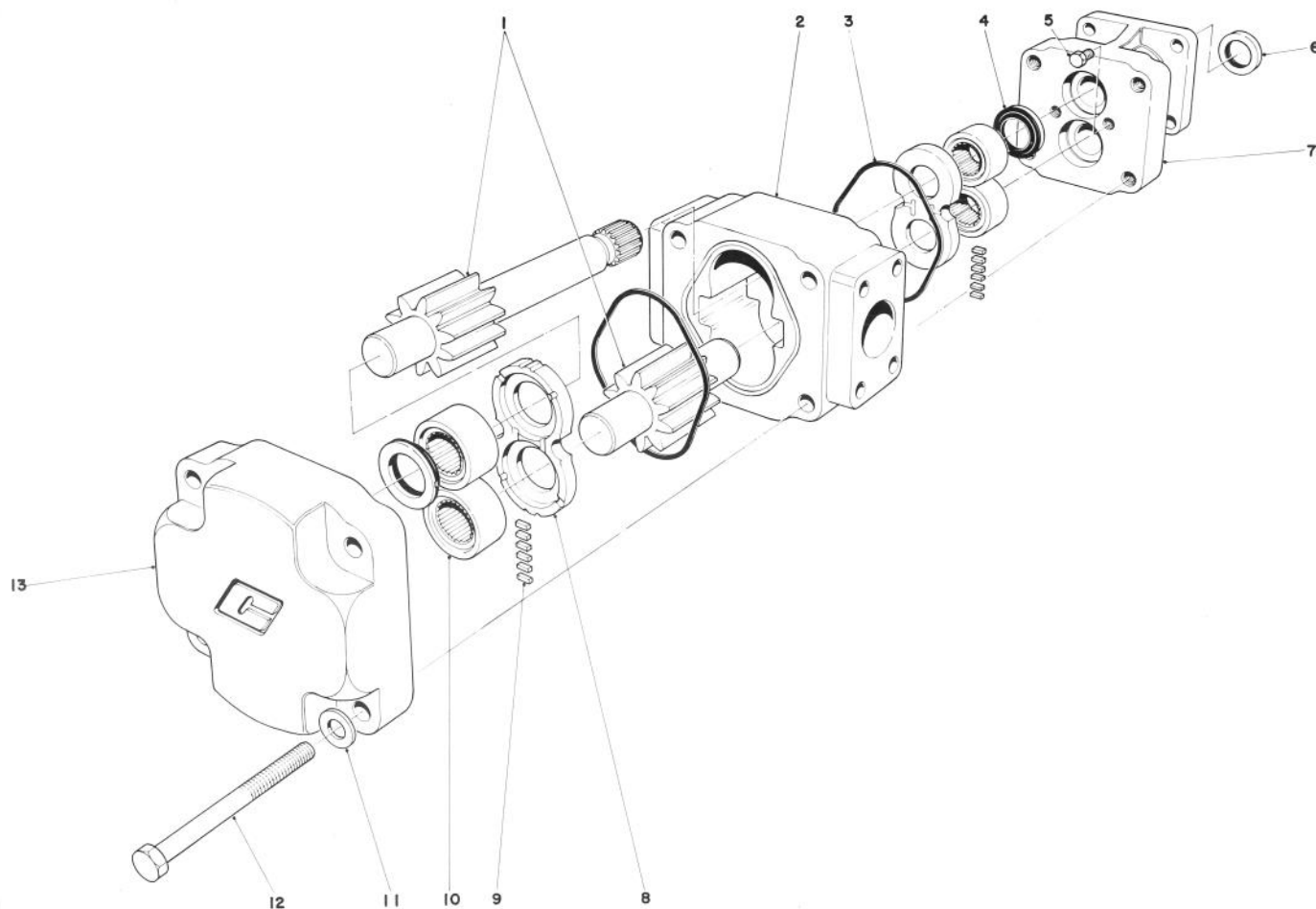
Ref. No.	Part No.	Description	No. Used
14	37-2270	Spacer Oil Filter	1
15	44-8570	Hose Hyd. (Connector Tee to Tank)	1
16	44-8640	Connector Tee	1
17	2412-34	Clamp Hose	2
18	44-8630	Hose Hyd. (Connector Tee w/Bracket to Connector)	1
19	353-681	Barb Hose Stem (Incl. Ref. #5)	1
20	44-8560	Hose Filter to Connector Tee	1
21	28-2110	Filter Element	1
22	2412-46	Clamp	1
23	43-8510	Vent Breather	1
24	2412-82	Clamp	1



HYDRAULIC PUMP AND UNIVERSAL DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353-697	90° Barb Hose Stem	1
2	36-9740	Shut Off Valve	1
3	38-2770	Tube Main Pressure	1
4	324-6	Capscrew	4
5	3253-26	Lockwasher	8
6	353-695	Split Flange	2
7	325-2	Capscrew	1
8	325-7	Capscrew	4
9	2412-71	Clamp	1
10	3217-9	Nut	4
11	37-7550	Bracket — Tube Pressure Line	1
12	32153-5	Locknut	1
13	3253-7	Lockwasher	8

Ref. No.	Part No.	Description	No. Used
14	3212-8	Capscrew	4
15	37-2520	Double Universal Joint	1
16	37-2370	Section Hose Pump Inlet	1
17	2412-42	Hose Clamp	2
18	353-698	"O" Ring Flange	1
19	325-6	Capscrew	4
20	237-116	"O" Ring	1
21	36-9840	Hydraulic Pump	1
22	353-696	Straight Barb Hose Stem	1
23	37-2590	Hose — Fluid Bypass	1
24	237-71	"O" Ring	1
25	2412-36	Hose Clamp	2

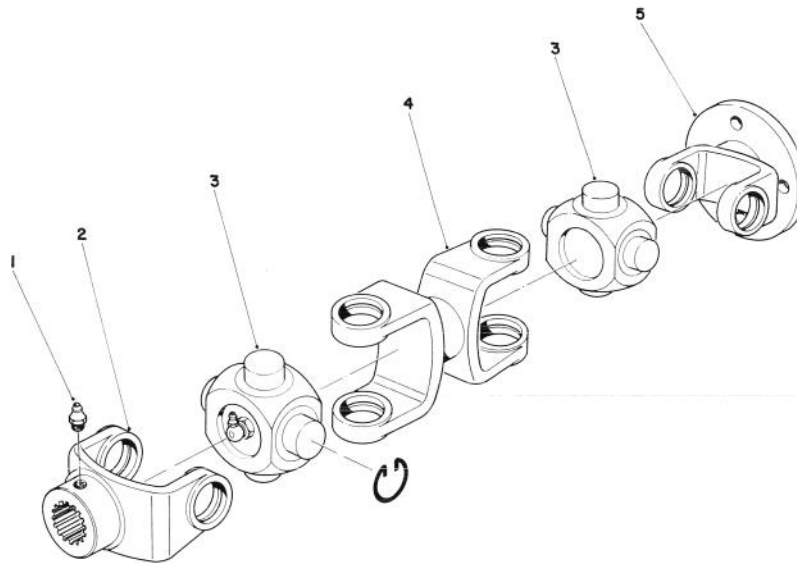


HYDRAULIC PUMP NO. 36-9840

Ref. No.	Part No.	Description	No. Used
1	37-8210	Driven Gear & Gear Shaft	1
†2		Gear Housing	1
3	37-8200	Gasket Seal	2
4	37-8170	Ring Seal	2
5	37-8140	Plug	1
6	37-8150	Lip Seal	1
7	37-8160	Shaft End Cover	1

Ref. No.	Part No.	Description	No. Used
8	37-8230	Thrust Plate	2
9	37-8190	Pocket Seal	12
10	37-8180	Roller Bearing	4
11	37-8260	Washer	4
12	37-8250	Capscrew	4
13	37-8240	Port End Cover	1

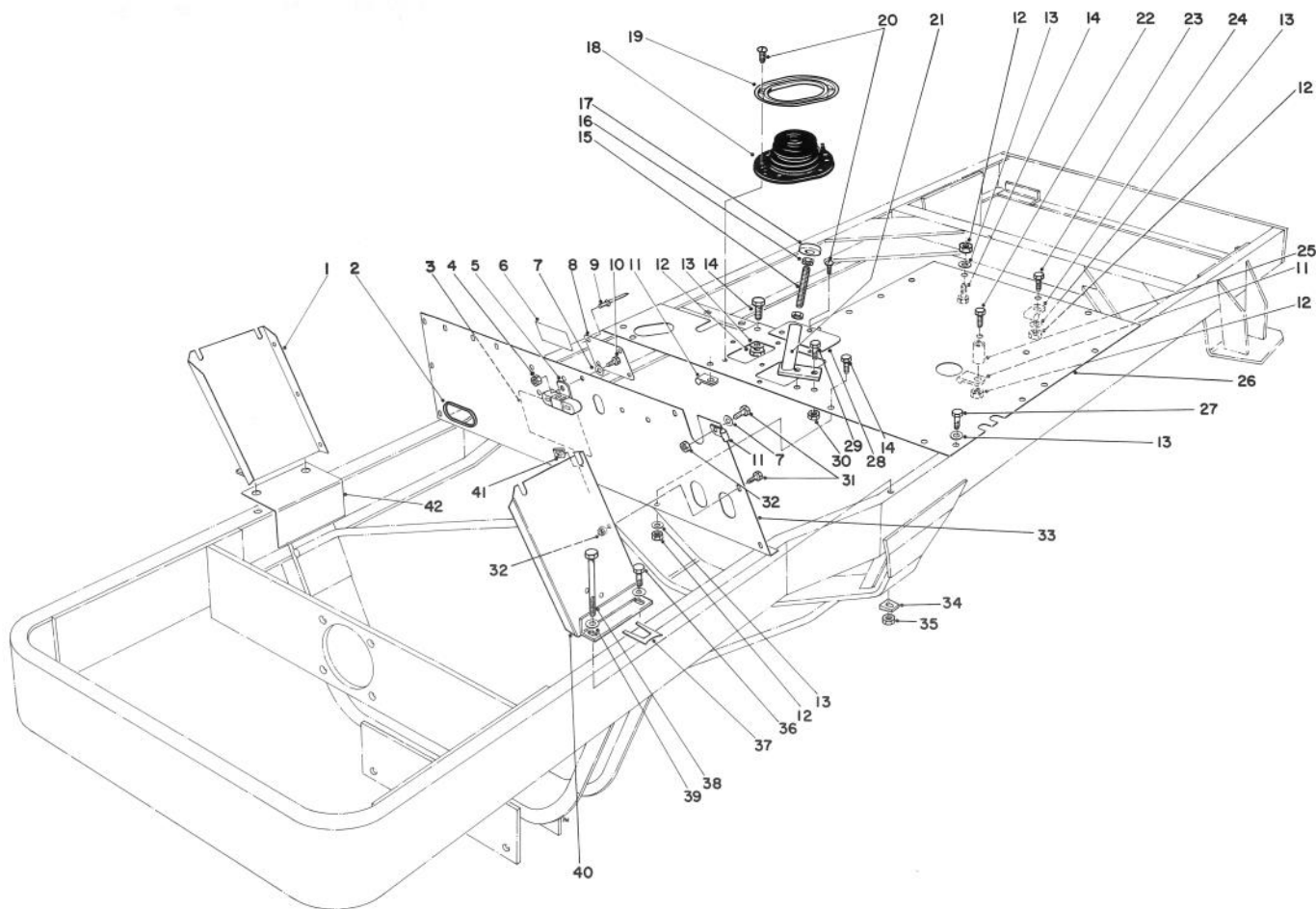
†Part only available by ordering 36-9840 Hydraulic Pump.



DOUBLE UNIVERSAL JOINT ASSEMBLY NO. 37-2520

Ref. No.	Part No.	Description	No. Used
1	302-2	Grease Fitting	1
2	37-3650	Yoke	1
3	37-3670	Repair Kit	2

Ref. No.	Part No.	Description	No. Used
4	37-3680	Center Section	1
5	37-3660	Yoke	1

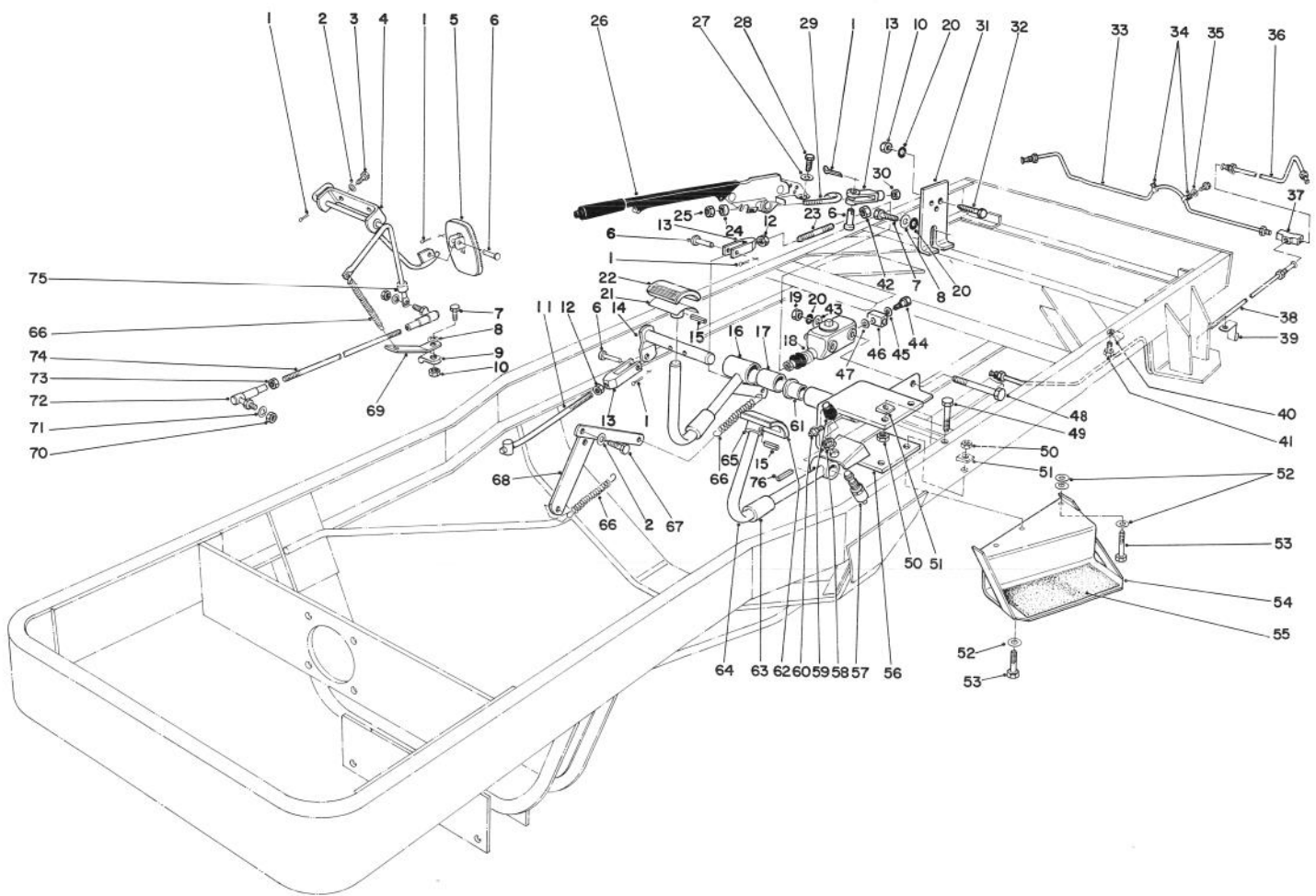


TOE BOARD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	18-0800	Rear Side Plate R.H.	1
2	18-2310	Grommet	1
3	38-1690	Starting Instructions	1
4	32153-4	Locknut	1
5	18-2680	Resistor — 10 Ohm	1
6	43-8460	Plate — Name	1
7	3256-22	Washer — Plain	2
8	18-3200	Instruction Plate	1
9	3290-56	Pop Rivet	6
10	321-4	Capscrew	1
11	2412-10	Support Clamp	3
12	32153-2	Nut — Lock	8
13	3256-24	Washer	10
14	323-5	Capscrew	6
15	5-2973	Rod	1
16	3219-2	Nut — Hex	2
17	5-2967	Button	1
18†	378340	Boot	1
19†	378351	Retainer — Transmission	1
20	32104-77	Screw — Self Tapping	9
21	10-3150	Foot Rest	1

Ref. No.	Part No.	Description	No. Used
22	323-14	Capscrew	1
23	323-7	Capscrew	1
24	2412-4	Support	1
25	37-3320	Spacer	1
26	44-1420	Floor Plate	1
27	32104-6	Screw — Self Tapping	3
28	44-2080	Plate — Shift Closure	1
29	322-3	Screw — Cap Hex Hd.	2
30	32153-3	Nut — Lock	2
31	3290-321	Capscrew	9
32	32128-17	Nut — Lock	9
33	18-0850	Toe Board	1
34	3290-216	Washer — Bevel	3
35	32153-5	Nut — Lock	4
36	325-9	Capscrew	3
37	20-5040	Shim	A/R
38	325-23	Screw — Cap Hex Hd.	1
39	3256-26	Washer — Plain	4
40	18-0790	Rear Side Plate	1
41	218-214	Tinnerman Clip	1
42	40-9920	Heat Shield	1

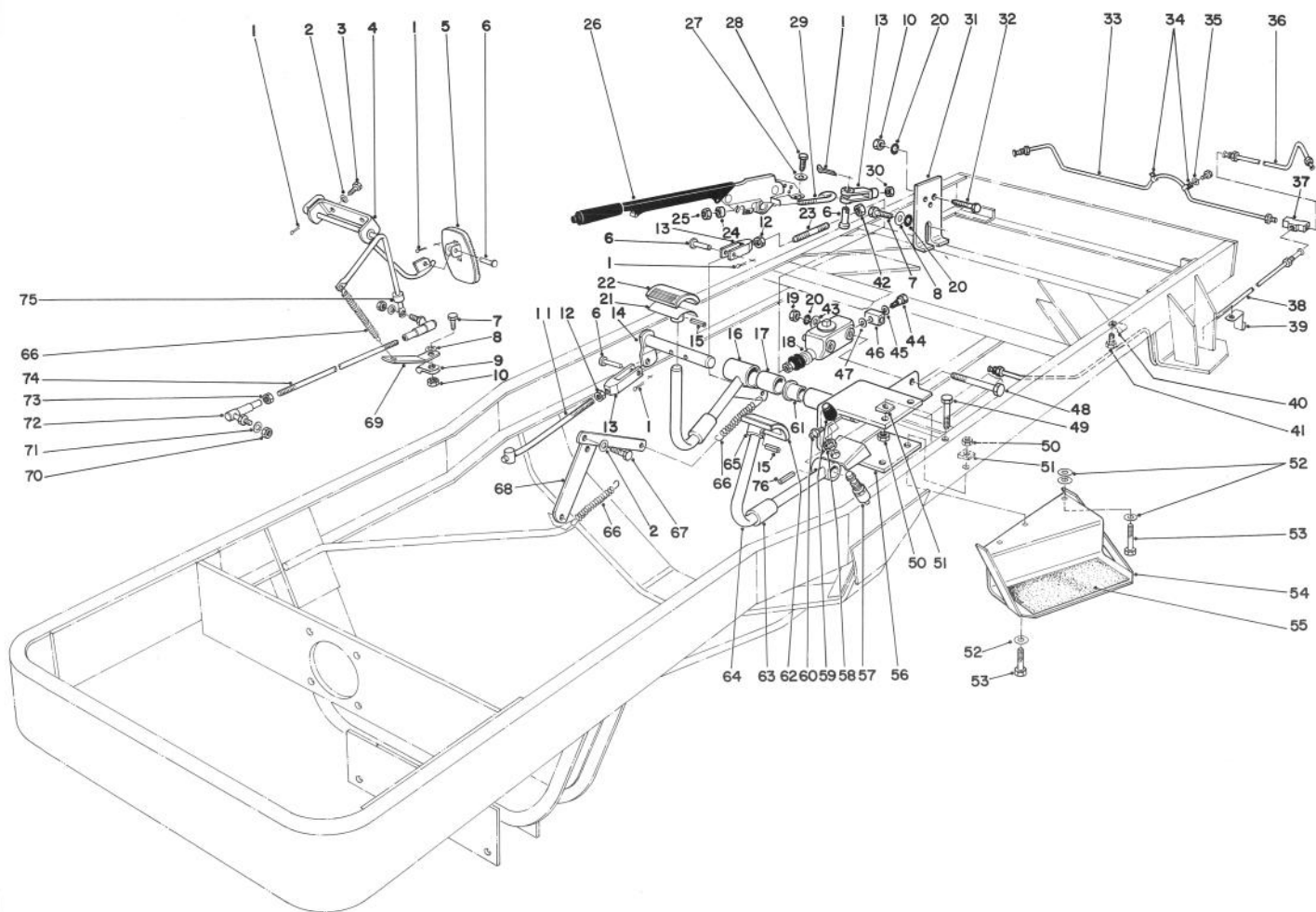
†Obtain from your local GM, Chevrolet Dealer.



BRAKE, CLUTCH AND THROTTLE CONTROLS

Ref. No.	Part No.	Description	No. Used
1	3272-6	Cotter Pin	6
2	3253-4	Lockwasher	4
3	32104-32	Screw — Cap Self Tapping	2
4	19-2950	Arm — Foot Throttle	1
5	10-2670	Accelerator Pedal	1
6	283-2	Pin	4
7	323-5	Screw — Cap, Hex Hd.	2
8	3256-24	Washer — Plain	1
9	2412-10	Support R Clamp	1
10	32153-2	Nut — Lock	2
11	19-3090	Clutch — Link	1
12	3220-3	Nut — Jam	2
13	282-1	Clevis	3
14	18-1160	Pedal Shaft	1
15	32121-34	Pin — Roll Slotted	2
16	3-8760	Brake Pedal (Incl. Ref. #17)	1
17	256-143	Bushing	1
18	37-4180	Master Cylinder	1
19	3217-7	Nut Hex	2
20	3253-21	Washer — Lock	3
21	10-0670	Pedal — Brake	1
22	7-3900	Brake Pad	1
23	37-2060	Shaft — Brake Cylinder	1

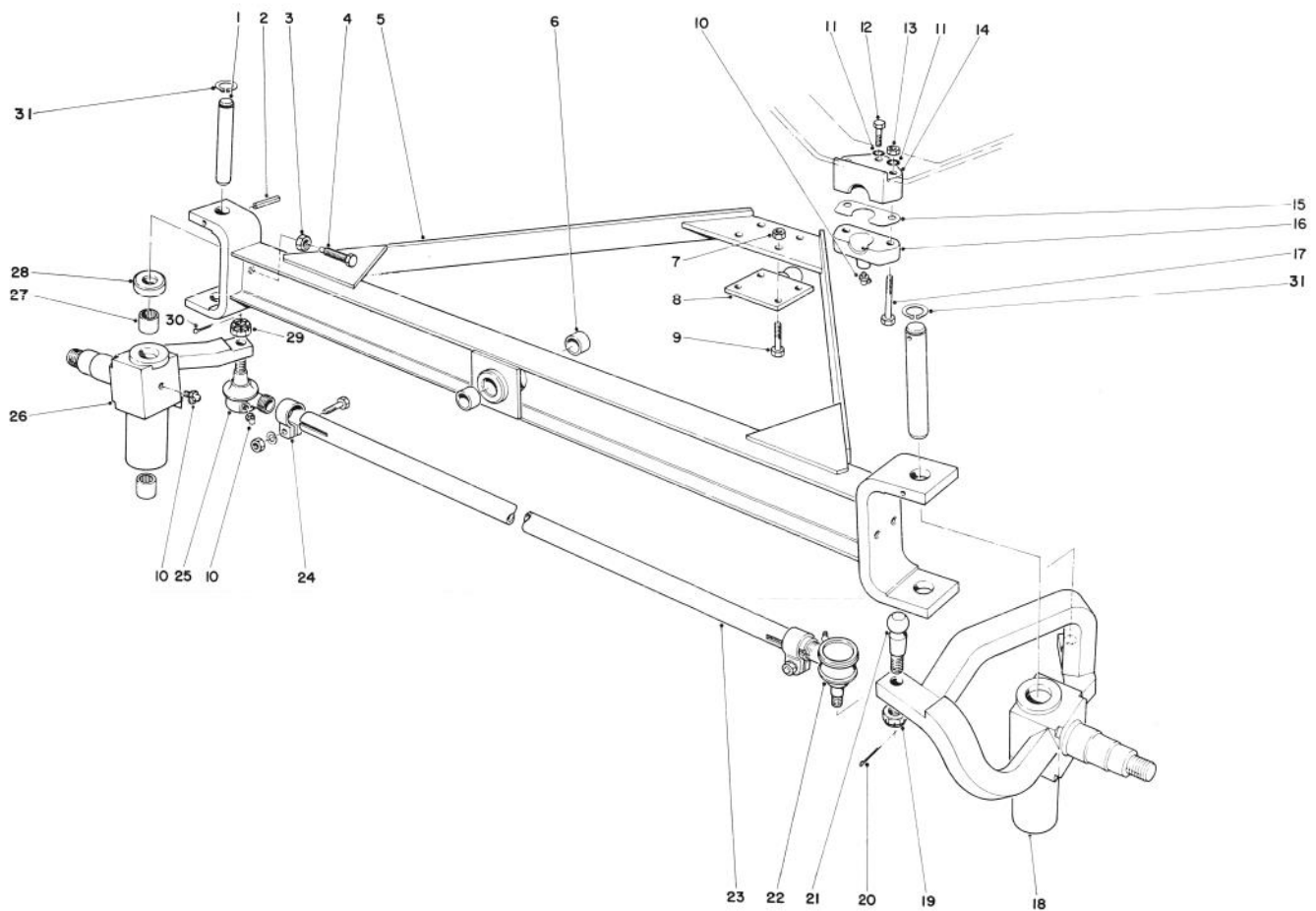
Ref. No.	Part No.	Description	No. Used
24	29-4750	Spacer	1
25	3296-29	Nut — Lock	1
26	37-2740	Brake Lever	1
27	3256-23	Washer — Plain	2
28	322-5	Capscrew	2
29	44-2050	Rod — Parking Brake	1
30	3219-3	Nut — Hex	1
31	44-2040	Bracket — Cable Support	1
32	323-7	Capscrew	1
33	37-3330	Brake Tube Assembly	1
34	3-3075	Clip	2
35	3254-6	Washer — Lock Int. Tooth	2
36	37-3340	Brake Tube Assembly	1
37	304-2	Fitting — Tee	1
38	42-3700	Brake Tube Assembly	1
39	46-6460	Support — Brake Line	2
40	18-2970	Fuel Line Clip	1
41	32104-32	Screw — Self Tapping	1
42	3218-3	Nut — Hex	1
43	3256-3	Washer	2
44	42-3720	Connection Bolt	1
45	42-3730	Inlet Connecting Gasket	1
46	42-3710	Fitting	1



BRAKE, CLUTCH AND THROTTLE CONTROLS (Continued)

Ref. No.	Part No.	Description	No. Used
47	353-689	Sealing Washer	1
48	323-20	Screw — Cap Hex Hd.	2
49	325-6	Screw — Cap Hex Hd.	2
50	32153-5	Nut — Lock	5
51	3290-216	Washer — Bevel	5
52	3256-26	Washer — Plain	5
53	325-7	Capscrew	3
54	33-2190	Foot Step	1
55	33-2230	Pad — Step	1
56	37-3120	Pedal Shaft Bracket (Incl. Ref. #61)	1
57	23-8010	Switch — Interlock (Incl. Ref. #58 & 59)	1
58	218-461	Nut	2
59	39-0770	Rubber Boot	1
60	302-5	Grease Fitting	1
61	256-10	Bushing	2

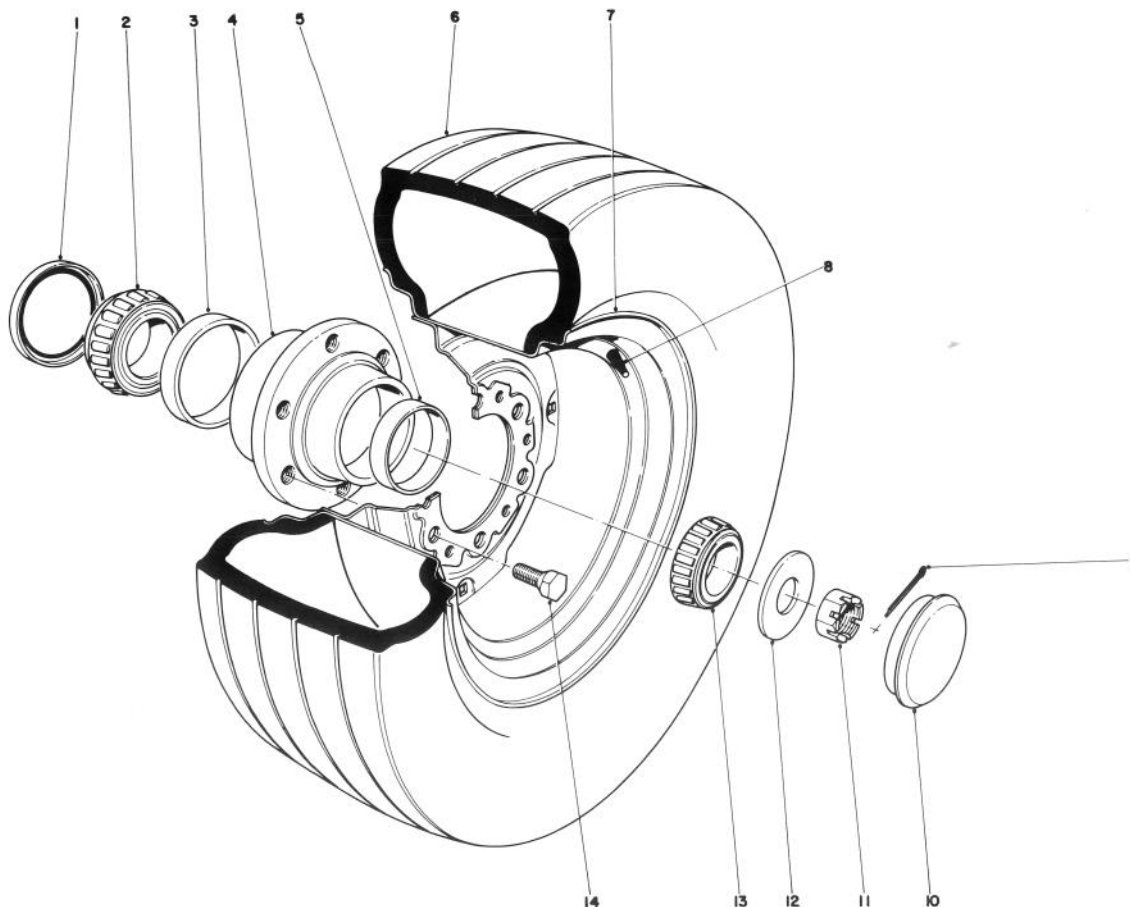
Ref. No.	Part No.	Description	No. Used
62	7-3901	Clutch Pad	1
63	3-3107	Bumper — Clutch Pedal	2
64	3-3750	Clutch Pedal	1
65	10-0680	Pedal — Clutch	1
66	5-1706	Spring — Extension	3
67	322-3	Capscrew	2
68	19-3710	Bracket Return Spring	1
69	38-2090	Bracket Throttle Spring	1
70	3219-1	Nut — Hex	2
71	3253-3	Washer — Lock	2
72	18-1720	Ball Joint	2
73	3220-1	Nut — Hex, Jam	2
74	19-3380	Rod — Foot Throttle to Pivot Arm	1
75	18-2860	Rubber Bumper, Foot Throttle	1
76	32121-15	Pin — Roll	1



FRONT AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	24-6900	Spindle Pin	2
2	32121-34	Roll Pin	4
3	3218-5	Jam Nut	3
4	32102-14	Set Screw	3
5	26-2320	Front Axle	1
6	256-126	Bushing	2
7	32153-5	Locknut	4
8	12-0360	Pivot Block	1
9	325-7	Capscrew	4
10	302-33	Grease Fitting	5
11	3253-8	Lockwasher	3
12	327-4	Capscrew	1
13	3219-6	Nut	2
14	3-2968	Lower Ball Socket	1
15	3-3825	Shim	A/R
16	3-2967	Upper Ball Socket	1

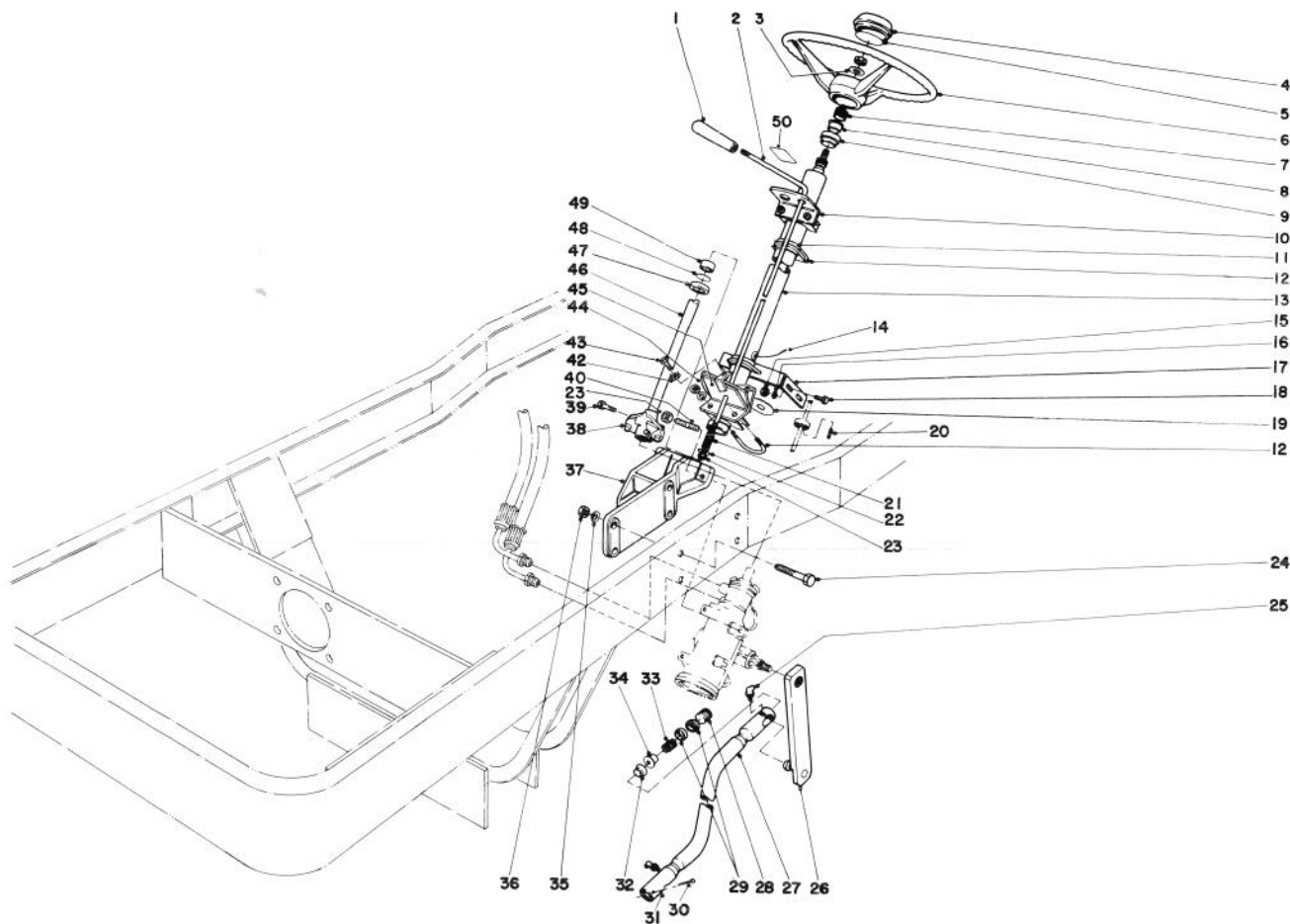
Ref. No.	Part No.	Description	No. Used
17	3214-13	Capscrew	2
18	23-5300	Spindle L.H.	1
19	32136-3	Slotted Nut	1
20	3272-7	Cotter Pin	1
21	5-2966	Ball Stud	1
22	2116-3	Ball Joint L.H.	1
23	3-3710	Tie Rod Ass'y. (Incl. Ref. #10, 22, 24, 25 & 29)	1
24	2412-7	End Clamp	2
25	2116-4	Ball Joint R.H.	1
26	20-9900	Spindle R.H.	1
27	252-52	Needle Bearing	4
28	251-32	Thrust Bearing	2
29	32136-2	Slotted Nut	2
30	3272-17	Cotter Pin	2
31	32151-36	Retaining Ring	2



FRONT WHEEL AND TIRE 9.5 L-14

Ref. No.	Part No.	Description	No. Used
1	253-100	Grease Seal	2
2	254-75	Inner Bearing Cone	2
3	254-76	Inner Bearing Cup	2
4	217-26	Wheel Hub (Incl. Ref. No. 3&5)	2
5	254-20	Outer Bearing Cup	2
6	56-7950	Tire Tubeless 9.5L-14	2
7	10-0720	Wheel (14")	2

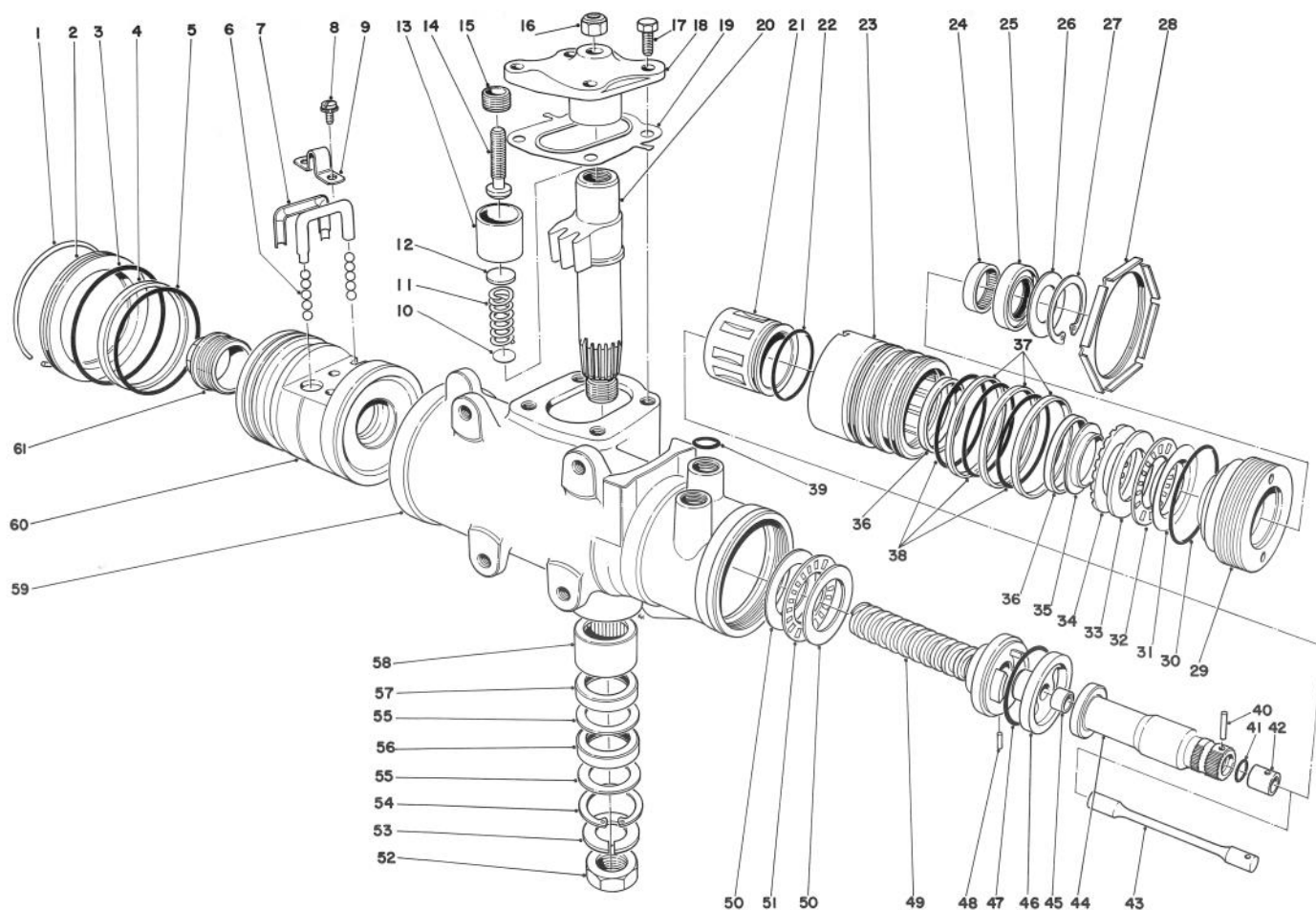
Ref. No.	Part No.	Description	No. Used
8	232-27	Valve Stem	2
9	3272-23	Cotter Pin	2
10	217-33	Hub Cap	2
11	32136-1	Slotted Hex Nut	2
12	3256-9	Washer	2
13	254-42	Outer Bearing Cone	2
14	217-34	Wheel Bolt	12



STEERING COLUMN ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	18-2640	Handle	1
2	18-2710	Lever Handle Throttle	1
3	18-3130	Washer Plain	1
4	18-2140	Cap Steering Wheel	1
5	18-3170	Decal	1
6	18-2110	Steering Wheel	1
7	18-3120	Spring	1
8	18-3110	Seat	1
9	18-3030	Bearing Assembly	1
10	18-2480	Support — Throttle Lever	1
11	18-1310	Saddle Steering Column	8
12	18-2130	Clamp Steering Column	4
13	18-3050	Jacket Assembly	1
14	18-3040	Cable Assy. Horn	1
15	32153-3	Locknut	2
16	3256-23	Washer	2
17	18-0830	Support — Steering Column	1
18	322-2	Capscrew	2
19	3-2858	Disc Friction	1
20	32121-2	Slot Roll Pin	2
21	3-8596	Spring — Compression	1
22	3256-25	Washer	1
23	3296-7	Locknut	4
24	327-10	Capscrew	4
25	302-33	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
26	18-2070	Pitman Arm	1
27	18-0330	Drag Link Tube	1
28	2116-5	End Plug	2
29	2116-6	Spherical Seat	4
30	3272-15	Cotter Pin	2
31	18-0320	Drag Link (Incl. Ref. #25, 27-34)	1
32	2116-8	Inner Plug	2
33	2116-7	Spring	2
34	2116-11	Spring Seat	2
35	3253-8	Lockwasher	4
36	3217-11	Nut	4
37	57-5790	Mount Power Steering	1
38	18-3010	Coupling & Flange Assy.	1
39	18-3100	Bolt	1
40	57-5760	Stud — Steering Gear	3
42	3218-2	Jam Nut	1
43	322-5	Capscrew	1
44	38-1760	Friction Plate	1
45	38-1740	Bracket Friction Plate	1
46	18-3090	Steering Shaft Assembly	1
47	18-3070	Retainer Lower Bearing Seal	1
48	18-3080	Seal	1
49	18-3060	Bushing	1
50	26-5260	Decal — Throttle Control	1

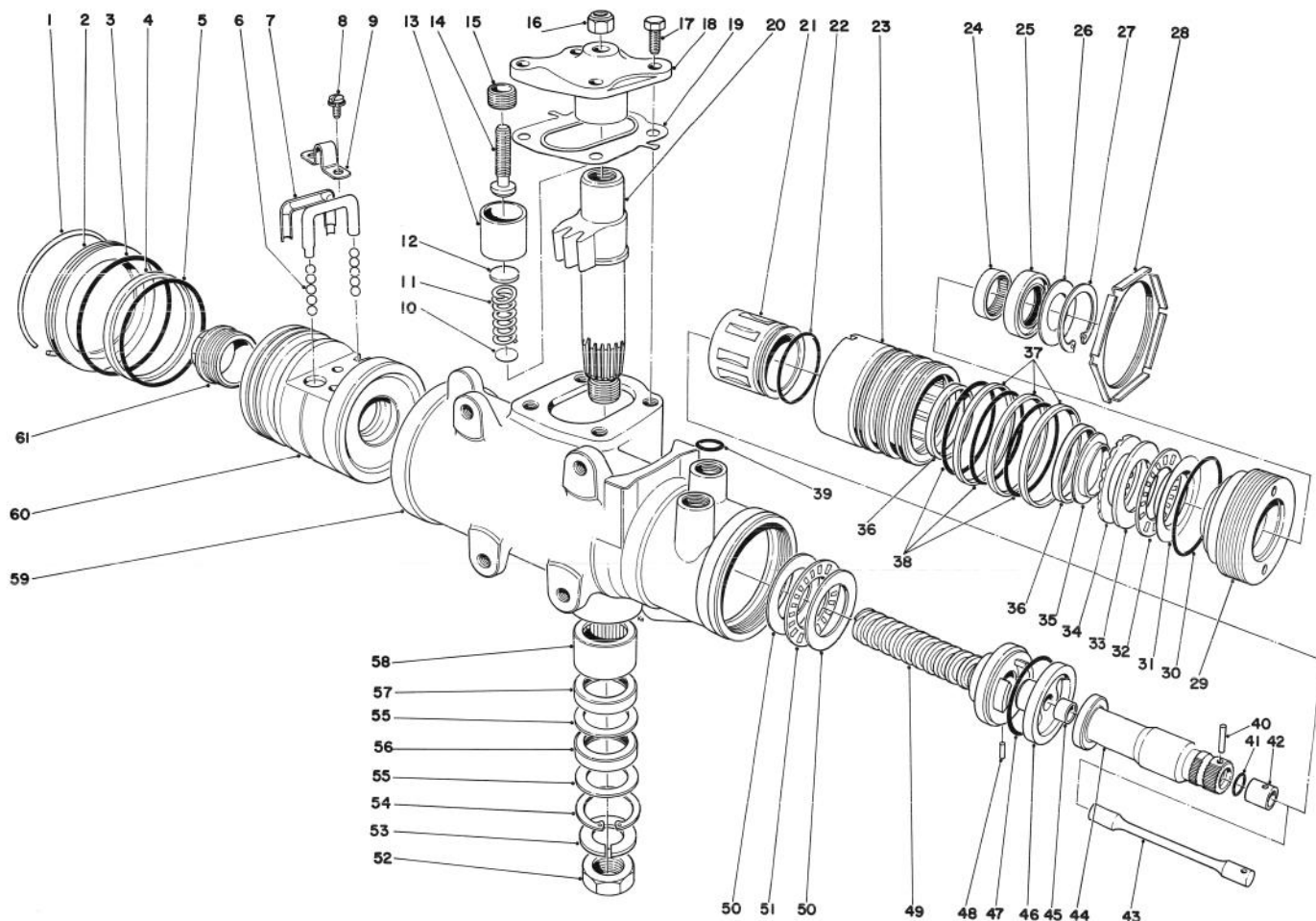


STEERING GEAR 39-7330

Ref. No.	Part No.	Description	No. Used
1	18-4330	Ring, Retaining	1
2		Plug, Housing End	1
3		Seal, Housing End Plug	1
4		Ring, Rack Piston	1
5		Seal, O-Ring, Rack Piston	1
6	*	Ball, Chrome Alloy (.2812 Dia.)	11
*		Ball, (.2806 Dia.)	11
7	18-4280	Guide Ball Return	2
8	18-4260	Screw & Lockwasher Assembly	2
9	18-4270	Clamp, Ball Return Guide	1
10		Washer, Lash Adjuster Wear	1
11		Spring, Adjuster	1
12		Washer, Lash Adjuster	1
13		Bushing, Side Cover	1
14		Adjuster, Lash	1
15	28-8220	Retainer, Lash Adjuster	1
16		Nut, Lash Adjuster	1
17		Bolt, Flange Hex Hd.	4
18		Cover, Housing Side (Incl. Ref. #13)	1
19		Seal - Assembly Gasket	1
20	18-4180	Gear Pitman Shaft	1
21	39-7430	Spool Valve	1
22		Seal, O-Ring, Spool Valve	1
23		Valve Body	1
24		Bearing Assembly, Needle	1

Ref. No.	Part No.	Description	No. Used
25	18-4320	Seal, Stub Shaft	1
26		Seal, Stub Shaft Dust	1
27		Ring Retaining	1
28		Nut, Adjuster Plug Lock	1
29		Plug Adjuster	1
30	28-8200	Seal, O-Ring	1
31		Race, Upper Thrust Bearing	1
32		Bearing Assembly Roller Thrust	1
33		Race, Thrust Bearing	1
34		Spacer, Thrust Bearing	1
35	39-7310	Retainer, Bearing	1
36		Sleeve, Valve Body	2
37		Ring, Valve Body	3
38		Seal O-Ring	3
39		O-Ring Seal	3
40		Pin, Torsion Bar	1
41		Seal O-Ring	1
42		Sleeve, Torsion Bar	1
43		Torsion Bar	1
44		Shaft, Stub	1
45		Bushing Torsion Bar	1
46		Cap Valve Body	1
47		Seal O-Ring	1
48		Pin Dowel	1
49		Worm, Steering	1
50		Race Thrust Bearing	2

*Not Illustrated

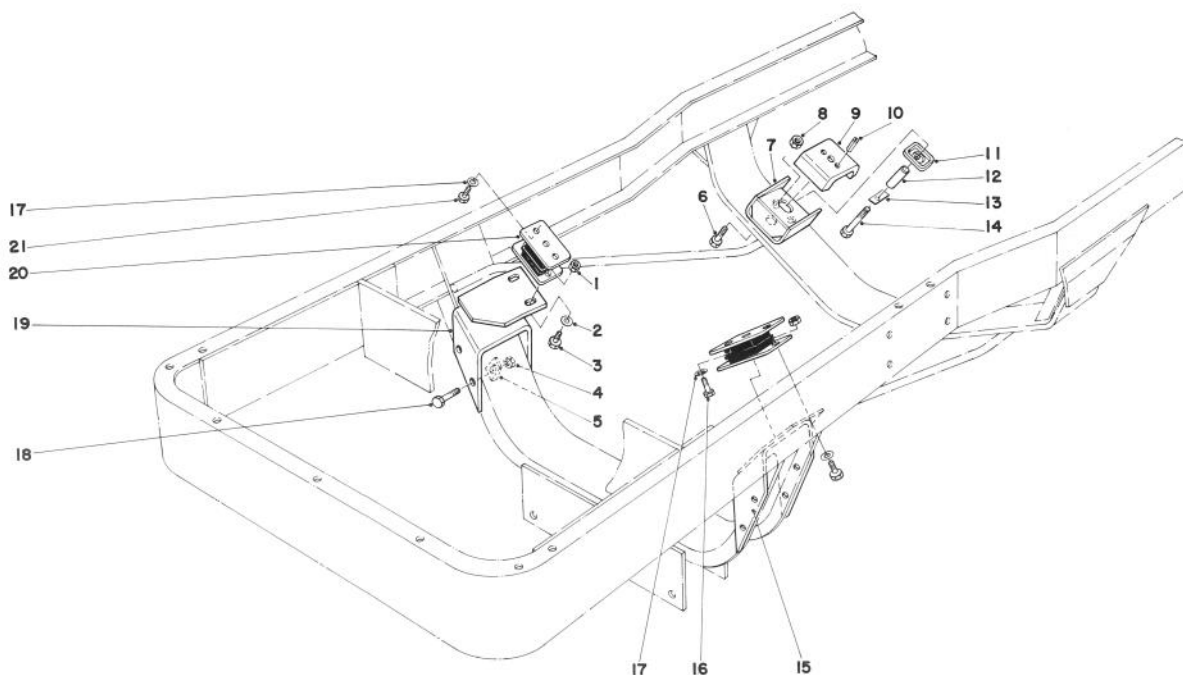


STEERING GEAR 39-7330 (Continued)

Ref. No.	Part No.	Description	No. Used
51		Bearing Assembly, Roller Thrust	1
52	39-7440	Nut, Pitman, Arm	1
53	39-7420	Lockwasher	1
54		Ring, Retaining	1
55		Washer, Seal Back Up	2
56		Seal, Pitman Shaft	1
57		Seal, Pitman Shaft	1
58	18-4200	Bearing, Pitman Shaft	1
59		Housing, Steering Gear	1
60		Nut, Rack Piston	1
61	18-4340	Plug, Rack Piston End	1
*	28-8230	Bearing Service Kit - Upper Thrust (Incl. Items 31-35)	1
*	18-5150	Seal Service Kit - Adjustment Plug (Incl. Items 25-27 & 30)	1
*	18-5160	Seal Service Kit - Pitman Shaft (Incl. Items 17, 54-57)	1
*	18-5170	Seal Service Kit - Valve Ring (Incl. Items 22, 37-38 & 47)	1
*	18-5180	Bearing Service Kit - Lower Thrust (Incl. Items 50-51)	1
*	18-5190	Ball Service Kit, Recirculating (Incl. Item #6)	1

Ref. No.	Part No.	Description	No. Used
*	43-7660	Cover Service Assembly, Housing Side (Incl. Ref. #16-19)	1
*	28-8270	Seal Service Kit, End Plug (Incl. 1 & 3)	1
*	39-7410	Steering Gear Housing Assembly (Incl. Items 54-59)	1
*	18-4230	Plug Service Assembly Adjuster (Incl. Items 24-27 and 29-35)	1
*	28-8290	Seal Service Kit (Rack-Piston) (Incl. Items 4 & 5)	1
*	28-8250	Pitman Shaft, Gear Service Assembly (Incl. 12, 14-15 & 20)	1
*	39-7330	Steering Gear Complete	1
*	18-4310	Valve Assy. Hyd. Gear (Incl. Ref. #21-23, 36-38 & 40-48)	1
*	18-4250	Rack/Piston/Nut Assy. Worm & Pin (Incl. Ref. #4-9, 48, 49 & 60)	1

*Not Illustrated



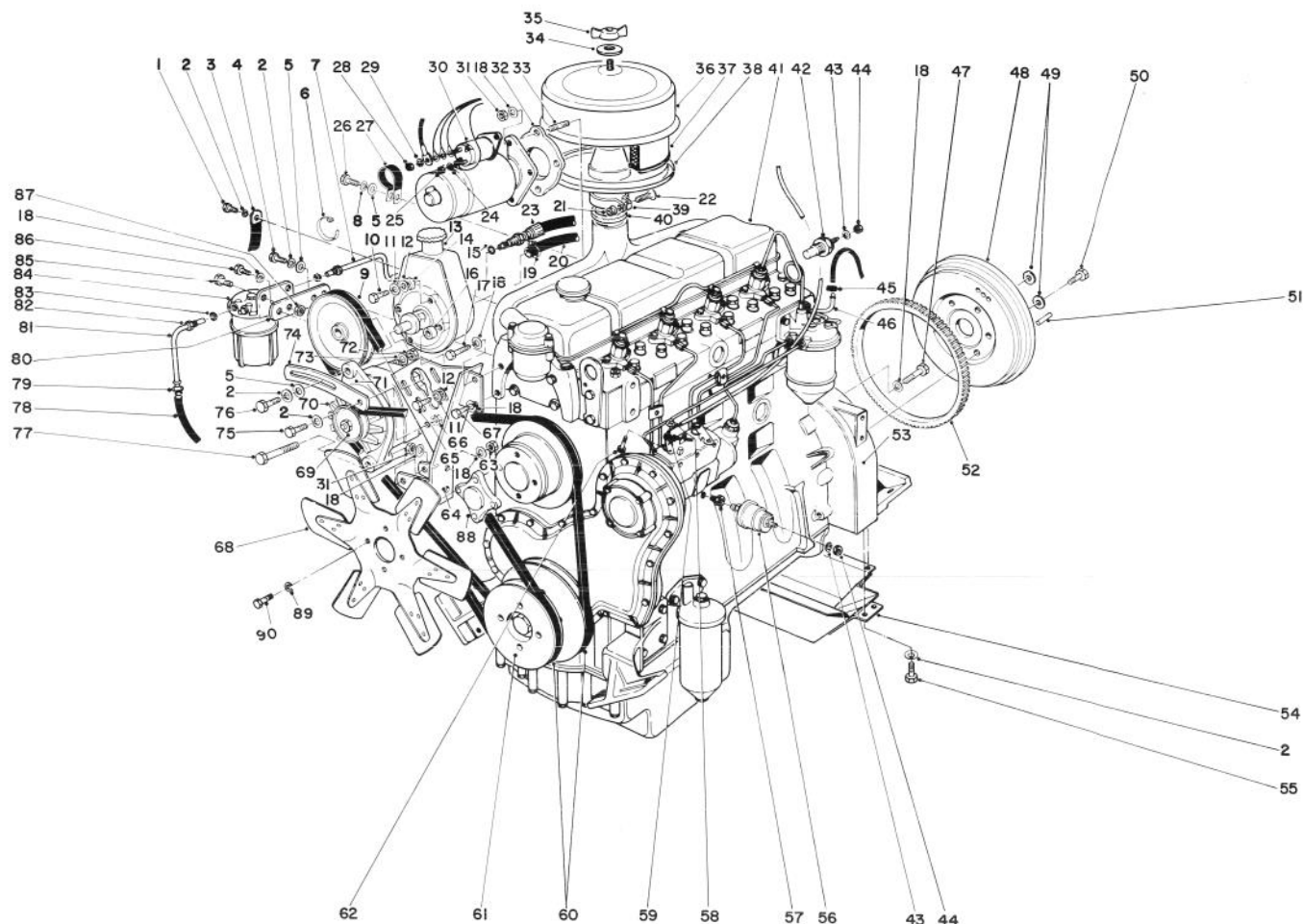
ENGINE MOUNTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32153-2	Locknut	4
2	3256-24	Flat Washer	4
3	323-6	Capscrew	4
4	32153-5	Locknut	8
5	3290-216	Bevel Washer	8
6	3213-3	Capscrew	4
7	19-3490	Engine Mount Rear	2
8	32128-15	Flange Nut	4
9†	3705444	Upper Mount	2
10	32121-46	Roll Pin	2
11†	14009321	Lower Mount	2

Ref. No.	Part No.	Description	No. Used
12†	14009322	Spacer	2
13	46-7480	Lock Tab	2
14	325-14	Capscrew	2
15	19-3340	Front Engine Mount L.H.	1
16	3211-4	Capscrew	2
17	3253-21	Lockwasher	4
18	325-6	Capscrew	8
19	19-3300	Front Engine Mount R.H.	1
20†		Front Engine Mount (Perkins No. 0550053)	2
21	3211-2	Capscrew	2

†Obtain from your local Perkins Dealer.

‡Obtain from your local GM Chevrolet Dealer.

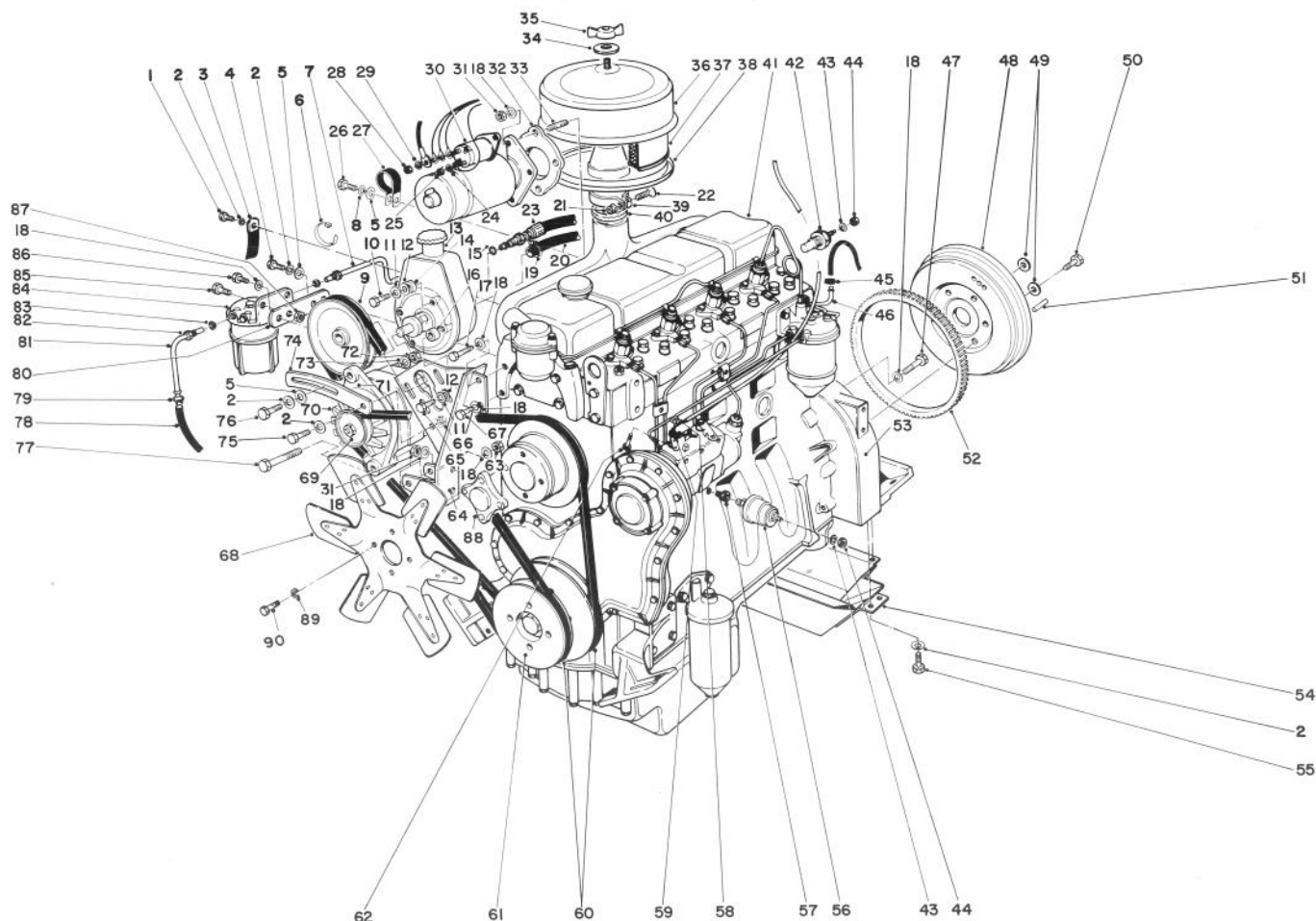


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3210-2	Capscrew	1
2	3253-4	Lockwasher	8
3	18-2770	Ground Cable	1
4	3210-3	Capscrew	1
5	3256-23	Washer	3
6	3290-336	Locking Strap	1
7	19-3750	Fuel Line	1
8	3253-24	Lockwasher	1
9	37-1640	Pulley	1
10	39-7550	Capscrew	2
11	21-0370	Lockwasher	4
12	3256-24	Washer	4
13	44-7800	Pump Power Steering	1
14	37-1670	Spacer (Short)	2
15	39-7310	O-Ring Seal	3
16	37-1680	Spacer (Long)	2
17	3211-12	Capscrew	1
18	3253-21	Lockwasher	18
19	2412-34	Worm Clamp	1
20	39-7390	Hose Power Steering Return	1
21	32128-21	Flange Nut	1
22	3231-25	Carriage Bolt	1
23	39-7380	Hose Power Steering	1

Ref. No.	Part No.	Description	No. Used
24	3255-5	Lockwasher	1
25	43-5970	Nut	1
26	3210-2	Capscrew	1
27	304-61	Support Clamp	1
28	21-0360	Hex Nut	1
29	3255-9	Lockwasher	1
30	49-8050	Starter Motor	1
31	3219-3	Nut	5
32†	37444761	Starter Adapter	1
33†	0827801	Stud	3
34	47-2460	Washer	1
35	47-2470	Wing Nut	1
36	47-2450	Air Cleaner Cover	1
37	47-5930	Filter Element	1
38	47-2440	Air Cleaner Base	1
39	47-2400	Clamp Assembly (Incl. Ref. #21 & 22)	1
40	47-2430	Gasket	1
41†		Perkins Engine (Model 4-236)	1
42	38-1680	Sending Unit — Water Temp.	1
43	3255-17	Lockwasher	2
44	3219-14	Nut	2
45	2412-36	Hose Clamp	1

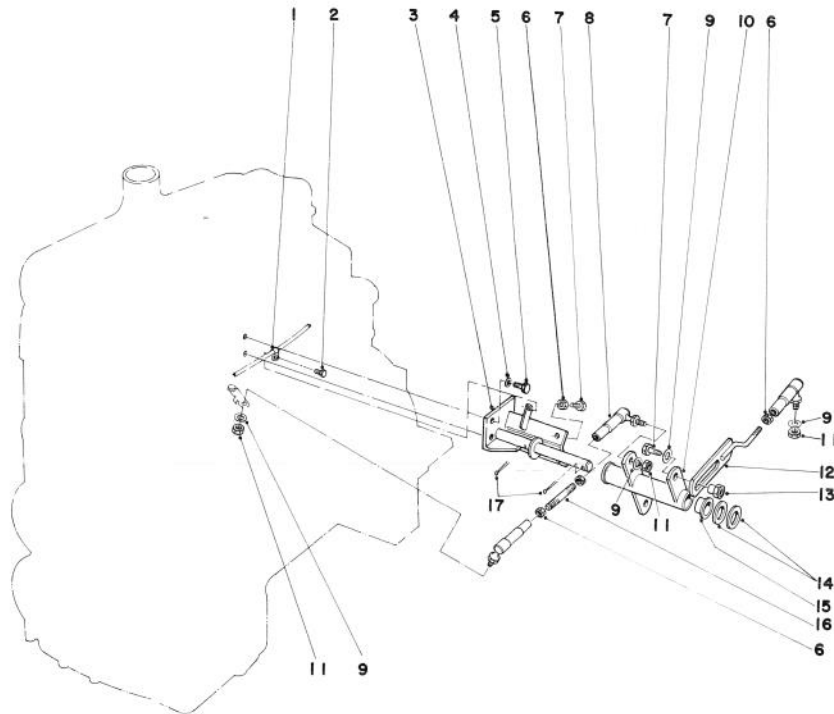
†Obtain from your local Perkins Dealer.



ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
46	19-3390	Adapter — Fuel Bleed Off	1	69	19-3470	Pulley	1
47	3211-24	Capscrew	6	70	18-1600	Fan	1
48†	31222555	Flywheel	1	71	60-9660	Alternator 62 Amp	1
49†	33117121	Washer — Special	6	72	39-7530	Nut	1
50	3213-1	Capscrew	6	73	3254-8	Lockwasher	1
51†	0350025	Dowel Pin	2	74	37-1630	Arm Alternator Adjustment	1
52†	0410276	Ring Gear	1	75	322-3	Capscrew	1
53	36-5040	Clutch Housing	1	76	21-0350	Capscrew	1
54	39-7480	Flywheel Cover	1	77	323-14	Capscrew	1
55	322-4	Capscrew	4	78	19-3250	Hose — Line to Filter	1
56	18-1760	Sending Unit — Oil Pressure	1	79	2412-6	Hose Clamp	1
57	353-421	Adapter	1	80	19-3680	Mount Water Trap	1
58	3296-12	Locknut	1	81	19-3740	Tube Hose to Water Trap	1
59	3217-26	Nut	1	82†	0571346	Nut Compression	3
60	37-1030	Belt-Alternator & Pump	2	83†	0566004	Sleeve Compression	3
61	37-4880	Pulley Crankshaft	1	84†	2656088	Water Trap	1
62	3290-134	Machine Screw	1	85	323-6	Capscrew	2
63	3217-7	Nut	1	86	3211-2	Capscrew	1
64	37-1040	Alternator & Pump Support	1	87	32153-2	Locknut	2
65	39-7560	Capscrew	2	88†		Fan Spacer Kit (Perkins No. 3741358) (Incl. Ref. #89 & 90)	1
66	3217-6	Nut	1	89	3253-24	Lock Washer	4
67	3211-4	Capscrew	1	90	3210-19	Capscrew	4
68	60-9740	Fan (Perkins No. 31257055)	1				

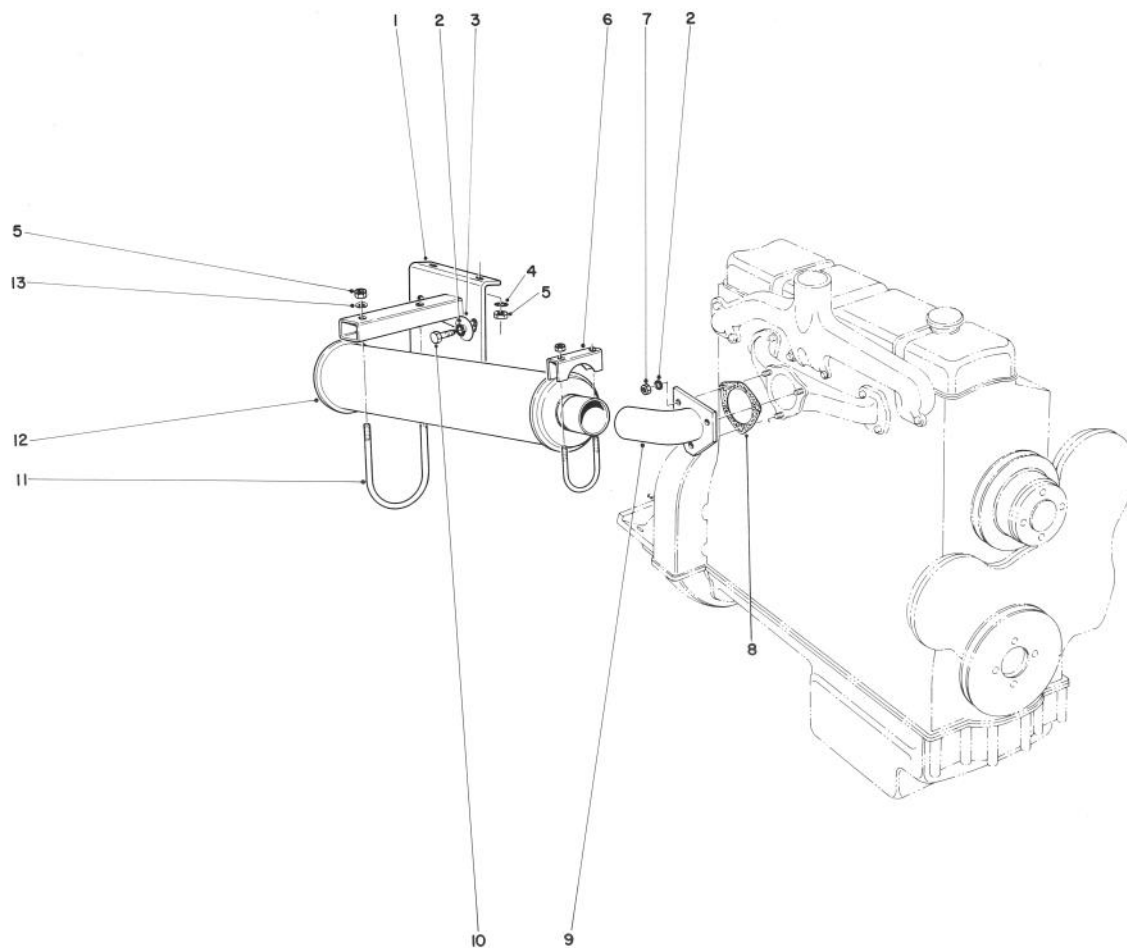
†Obtain from your local Perkins Dealer.



PIVOT SHAFT AND ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-31	Support Clamp	1
2	32140-32	Self Tapping Screw	1
3	38-1950	Pivot Shaft	1
4	3253-4	Lockwasher	2
5	3210-3	Capscrew	2
6	3220-1	Jam Nut	5
7	329-4	Capscrew	3
8	18-1720	Ball Joint	3
9	3253-3	Lockwasher	4

Ref. No.	Part No.	Description	No. Used
10	38-1970	Pivot Arm (Incl. Ref. #15)	1
11	3219-1	Nut	3
12	19-3400	Slide - Hand Throttle	1
13	19-3430	Special Nut	1
14	3256-28	Washer	4
15	256-244	Bushing	2
16	19-3850	Rod - Pivot Arm To Inj. Pump	1
17	3272-12	Cotter Pin	2



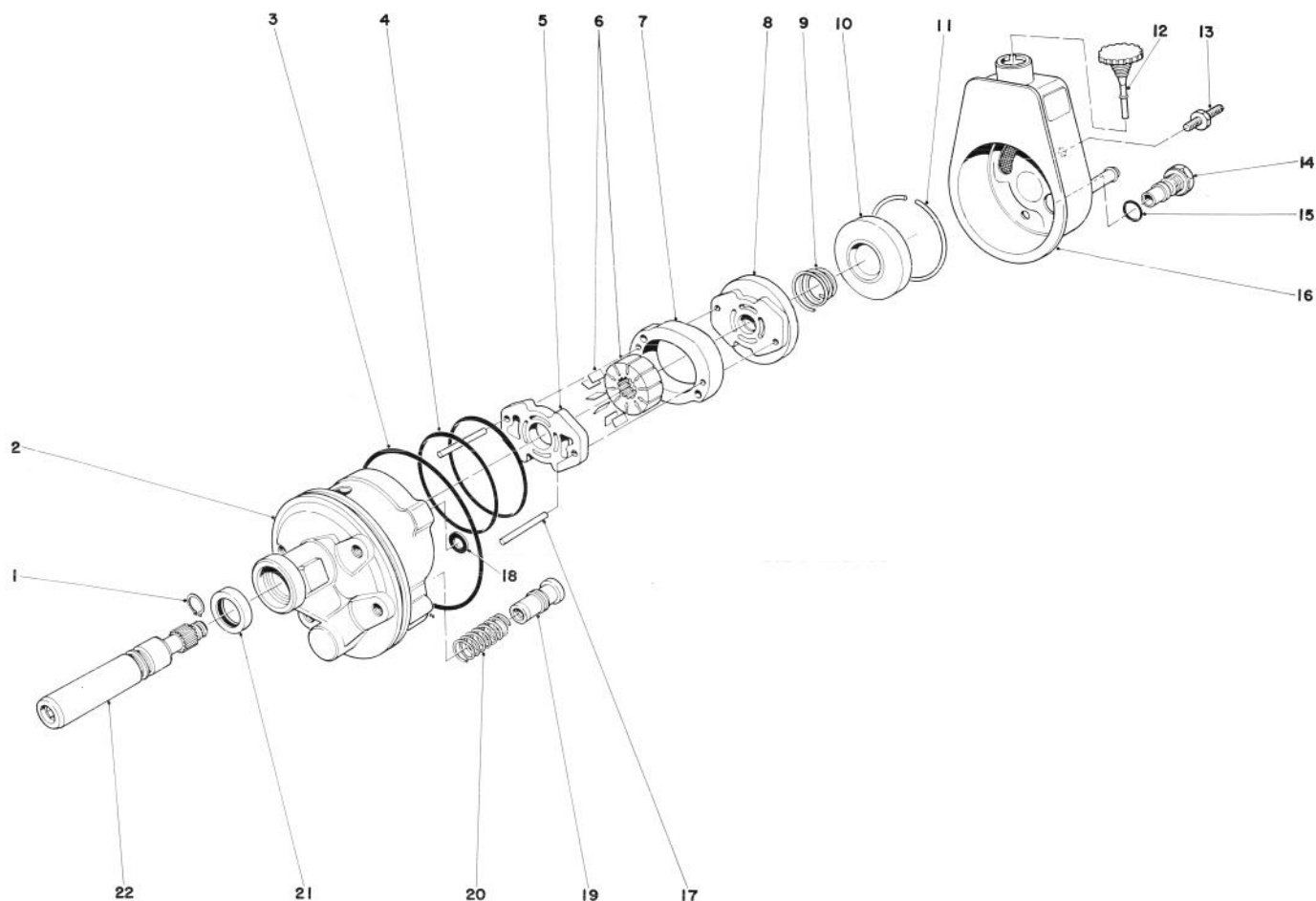
ENGINE EXHAUST ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	44-2070	Brake Mounting Plate Assembly	1
2	3253-21	Lockwasher	5
3	3256-24	Washer	1
4	3253-4	Lockwasher	2
5	32153-3	Locknut	4
6	20-4840	Clamp — Muffler	1
7	3219-3	Nut	3

Ref. No.	Part No.	Description	No. Used
8†	36822111	Exhaust Gasket	1
9	19-8510	Exhaust Elbow	1
10	323-5	Capscrew	2
11	19-7440	U-Bolt	1
12	19-3860	Muffler	1
*	37-4250	Spark Arresting Muffler (Optional)	1
13	3256-23	Washer — Plain	2

*Not Illustrated

†Obtain from your local Perkins Dealer.



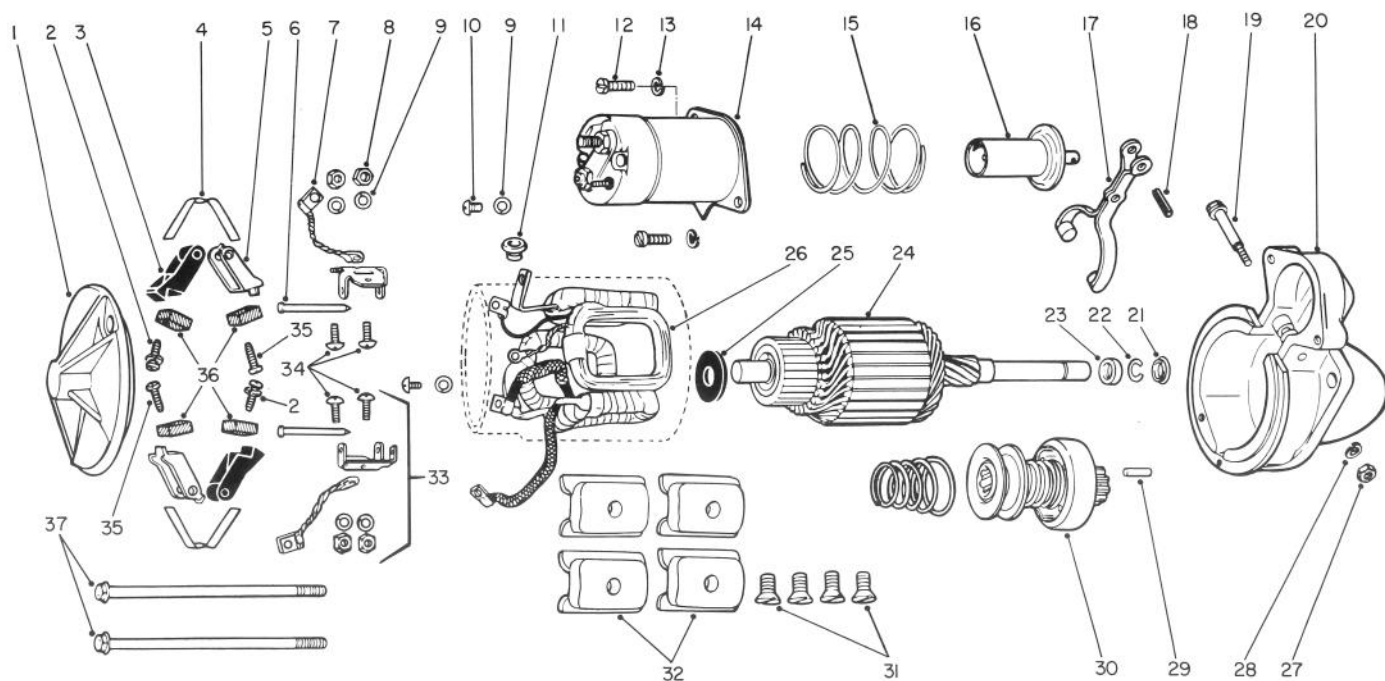
PUMP POWER STEERING NO. 44-7800

Ref. No.	Part No.	Description	No. Used
1	44-7850	Ring, Shaft Retaining	1
†2		Housing Hydraulic Pump (Incl. Ref. #21)	1
3	37-8360	Seal O-Ring	1
4		Seal — O-Ring	2
5	44-7840	Thrust Plate	1
6	44-7810	Ring Service Kit Rotor Vane (Incl. Ref. #1 & 7)	1
7	37-8350	Pump Ring	1
8	44-7830	Pressure Plate	1
9	44-7820	Spring Pressure Plate	1
10	37-8380	End Plate	1
11	37-8440	Ring Retaining	1
12	37-8420	Cap Assembly Reservoir	1
13	39-8700	Stud Pump Mounting	2
14	39-8680	Fitting Assy. (Incl. Ref. #15)	1

Ref. No.	Part No.	Description	No. Used
15	39-8710	Seal O-Ring	1
16	37-8400	Reservoir Service Kit Hyd. Pump (Incl. Ref. #3, 15 & 18)	1
17	37-8300	Pin Pump Ring Dowel	2
18		Seal	2
19	37-8410	Valve Assembly Control	1
20	37-8450	Spring Flow Control	1
21	37-8340	Seal, Drive Shaft	1
22	44-2680	Shaft Service Ret. & Dr. (Incl. Ref. #1)	1
*	37-8460	Seal Service Kit (Incl. Ref. #3, 4, 15, 18 & 21)	1
*	44-7800	Power Steering Pump Complete	1
*	44-7860	Retaining Ring Service Kit (Incl. Ref. #1 & 11)	1

*Not Illustrated

†Part only available by ordering 44-7800 Power Steering Pump.



STARTER MOTOR ASSEMBLY NO. 49-8050

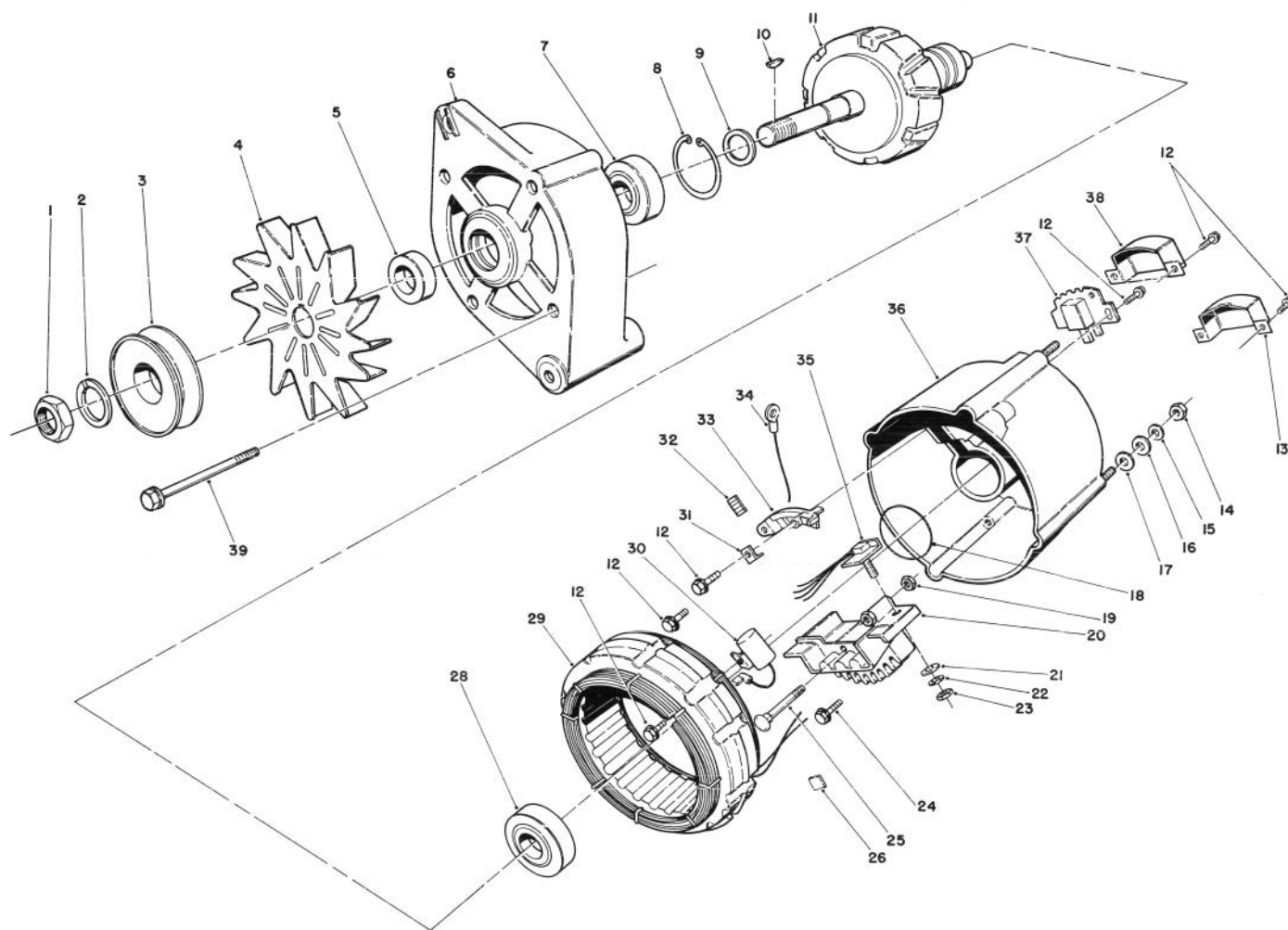
Ref. No.	Part No.	Description	No. Used
1	1986464	Frame (Incl. Bushing 1891927)	1
2	1987070	Screw & Lockwasher (Inslt. Brush)	2
3	800091	Holder — Insulated	2
4	1986019	Spring — Brush	2
5	1876359	Holder — Grounded	2
6	1966923	Pin — Brush Holder	2
7	1876361	Lead — Ground	2
8	120361	Nut — Brush Holder	4
9	453435	Washer — Lock	4
10	9427815	Screw	1
11	1955946	Grommet	1
12	132255	Screw	2
13	9421423	Washer — Lock	2
14	1114524	Switch — Solenoid	1
15	1978281	Spring — Plunger Return	1
16	1978297	Plunger	1
17	1951567	Lever — Shift	1
18	1987049	Pin — Shift Lever	1
19	1932197	Stud — Shift Lever	1
20	1986854	Drive Housing (Incl. Bushing 1862383)	1
21	1964410	Collar — Thrust	1
22	1928022	Ring — Retaining	1
23	1928021	Collar — Stop	1
24	1950417	Armature	1
25	1914842	Washer — Brake	1

Ref. No.	Part No.	Description	No. Used
26	1986819	Coil Assembly	1
27	1926640	Nut — Shift Lever Stud	1
28	9421424	Washer — Lock	1
29	1976940	Pin — Dowel	1
30	1877355	Drive Assembly	1
31	1968396	Screw — Pole Shoe	4
32	1887021	Pole Shoe	4
33	1876458	Brush Holder Assembly	2
34	9439734	Screw	4
35	274875	Screw (Ground Brush)	2
36	1852880	Brush	4
37	1893453	Bolt	2
*	1972786	Screw & Lockwasher (Center Bearing)	4
*	1876358	Connector — Field	1
*	9439738	Screw (Connector/Switch)	1
*	1891928	Wick — Oil (Cap End)	1
*	1986468	Plate — Center Bearing	1
*	1894023	Bushing — Center Bearing	1
*	1986470	Washer (Cntr. Bearing/ Drive Motor)	1
*	1986466	Wick — Oil (Drive End)	1
*	1986467	Retainer — Wick (Drive End)	1
*	1952427	Gasket (Lever Hsng./Solenoid)	1
*	1978337	Contact — Solenoid Switch	1
*†	49-8050	Starter Motor Assembly (Delco-Remy No. 1998336)	1

* Not Illustrated

† Obtain from your Local Toro Distributor.

Obtain all other parts from your Local GM, Chevrolet, or Delco-Remy Dealer.



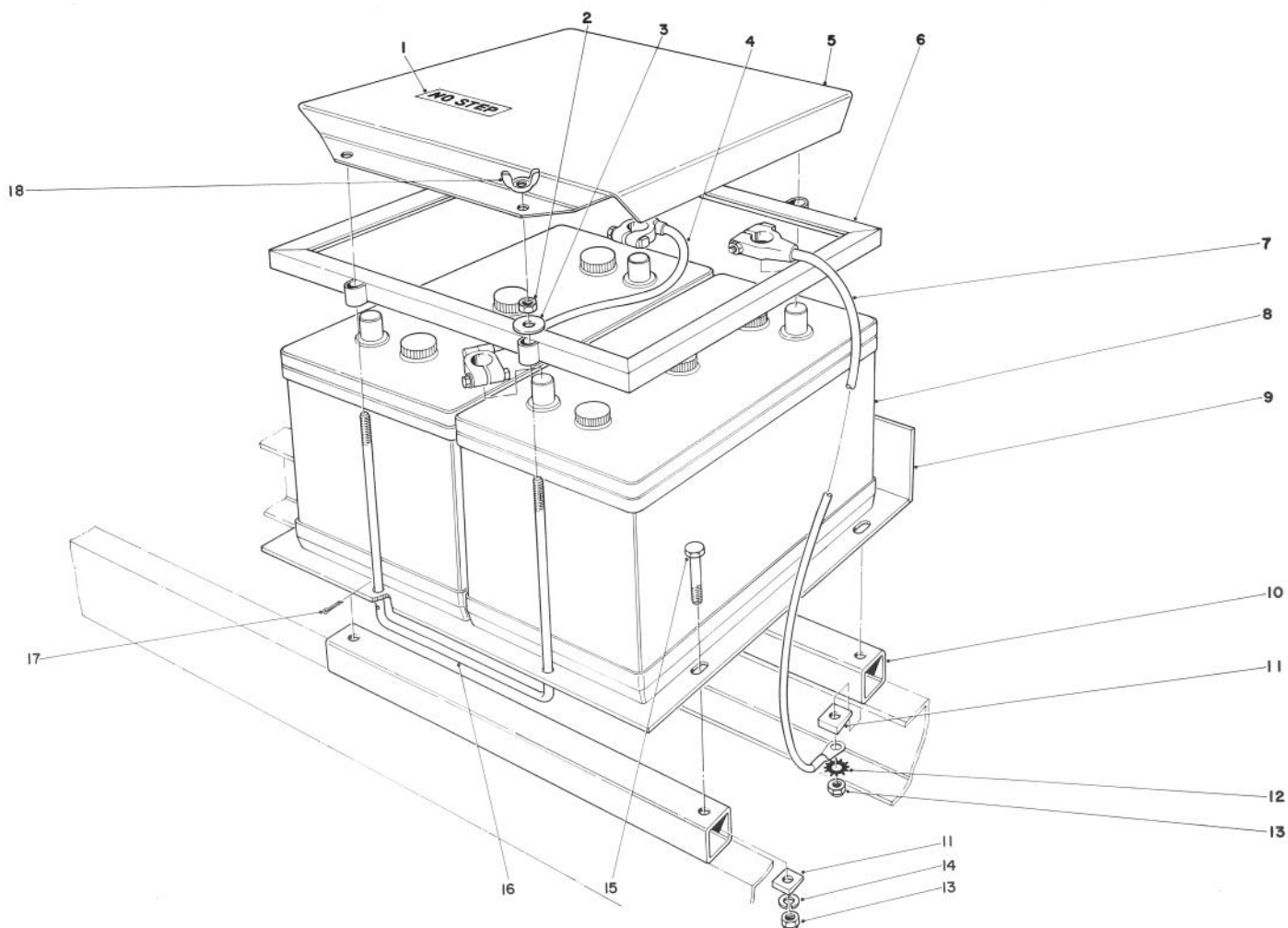
62 AMP. ALTERNATOR ASSEMBLY NO. 60-9660

Ref. No.	Part No.	Description	No. Used
1	20-136	Nut, Hex 5/8-18	1
2	20-137	Lockwasher 5/8	1
3		Pulley	1
4		Fan	1
5	20-237	Spacer, Fan	1
6	14-218	Housing, Front	1
7	11-21	Bearing, Front	1
8	11-3	Bearing Retainer	1
9	20-244	Spacer, Rotor	1
10		Key, Woodruff	1
11	12-36	Rotor Assembly	1
12	20-102	Screw, Self Tapping	10
13		Cover Assembly	1
14	20-268	Nut, M 6 x 10	1
15	20-261	Washer	1
16	15-54	Washer	1
17	15-67	Washer Insulator	2
18	11-25	Bearing Retainer	1
19	15-52	Insulator, Bridge Mounting	1

Ref. No.	Part No.	Description	No. Used
20	1-200	Rectifier/Diode Bridge	1
21	15-4	Washer	1
22	20-111	Lockwasher	1
23	20-34	Nut 10-24	1
24	20-245	Screw, Self Tapping	2
25	20-318	Bolt, Carriage M 6 x 10	1
26		Insulator	1
28	11-23	Bearing Rear	1
29	13-43	Stator Assembly	1
30	2-44	Capacitor	1
31	20-247	Clamp	1
32	15-65	Terminal, AC	1
33	15-44	Terminal	1
34	16-109	Cable	1
35	1-129	Diode	1
36	14-219	Housing, Rear	1
37	3-35	Brush Assembly	1
38	5-742	Voltage Regulator	1
39	20-248	Bolt 10-32 x 3	1

Note: Order parts from Motorola Center, 1299 East Algonquin Road, Schaumburg, Illinois 60196.

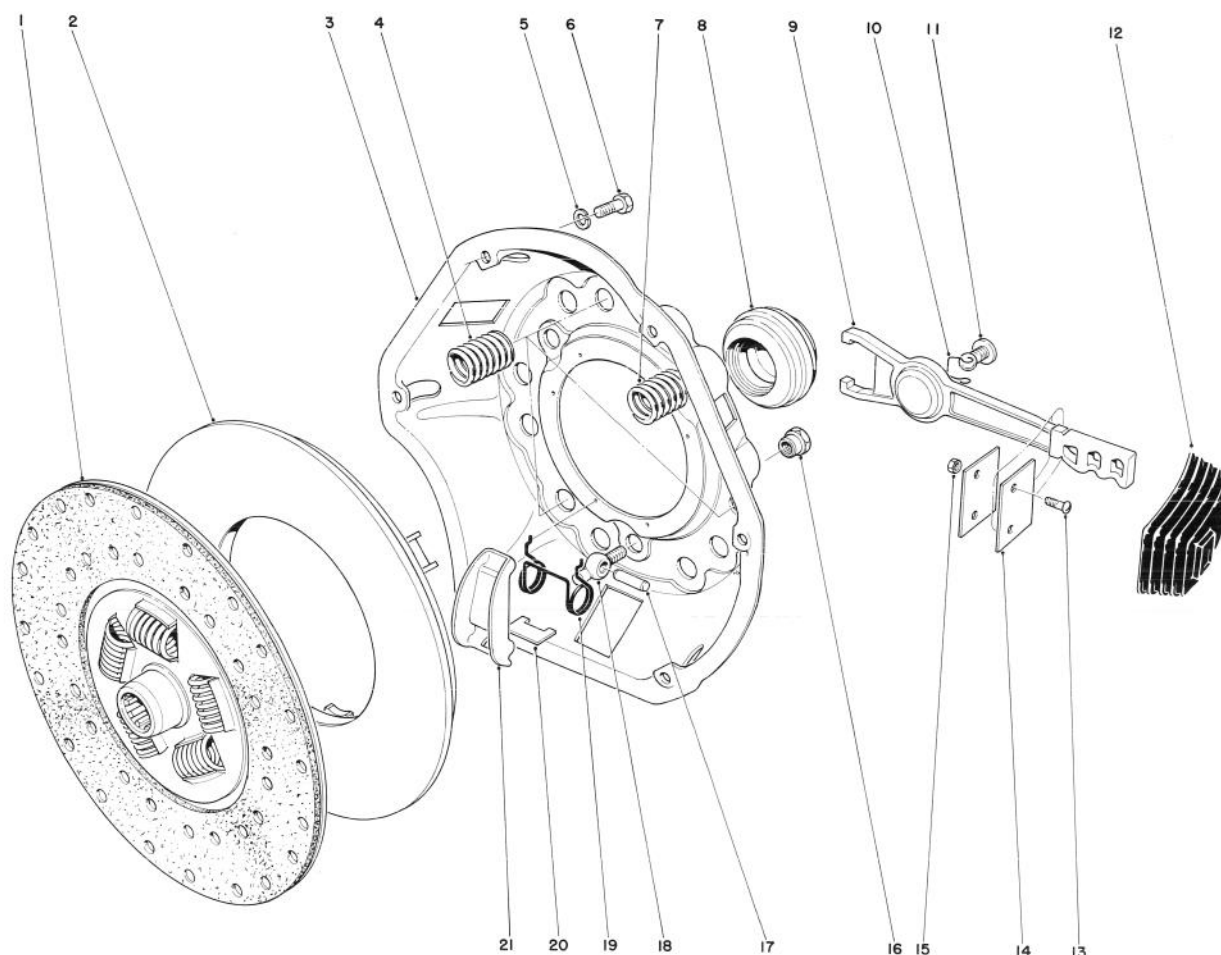
Model No. of Alternator 9DB2LG2B58.



BATTERY AND BASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-5582	Decal	1
2	3217-6	Nut	4
3	3256-23	Washer	4
4	19-3210	Cable Jumper	1
5	19-3520	Battery Cover	1
6	19-3140	Battery Hold Down	1
7	19-3200	Cable Battery To Frame	1
8	19-3130	Battery 6 Volt	2
9	37-3000	Battery Plate	1

Ref. No.	Part No.	Description	No. Used
10	37-3060	Spacer Battery	2
11	3290-216	Bevel Washer	4
12	3255-9	Lockwasher External	1
13	3217-7	Nut	4
14	3253-21	Lockwasher	3
15	323-13	Capscrew	4
16	19-3180	U-Bolt Battery Hold Down	2
17	3272-6	Cotter Pin	2
18	32103-2	Wing Nut	4



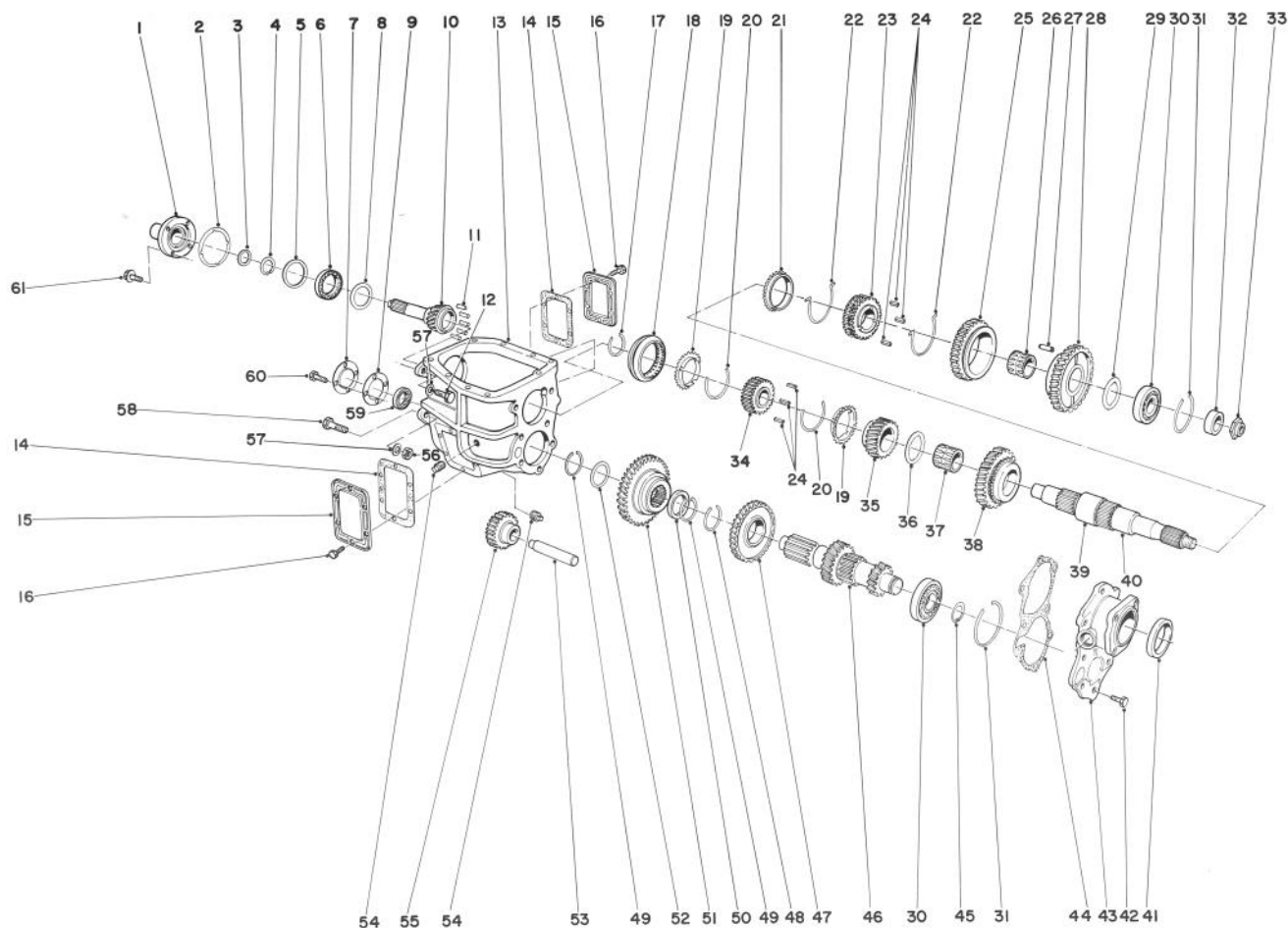
CLUTCH ASSEMBLY NO. 20-0450

Ref. No.	Part No.	Description	No. Used
1	56-9610	Clutch Plate	1
2	19-4700	Pressure Plate	1
3	19-4650	Cover	1
4	19-4710	Spring (Orange)	6
5	3253-21	Lockwasher	6
6	5-1533	Capscrew	6
7	19-4720	Spring (Yellow)	3
8	39-3810	Clutch Release Bearing	1
9**	3765372	Fork Assy. (Incl. Ref. No. 10)	1
10**	838987	Ball Retainer Spring	1
11**	3725240	Stud - Clutch Fork Ball	1

Ref. No.	Part No.	Description	No. Used
12**	3765360	Boot	1
13	3251-4	Machine Screw	2
14	19-3600	Cover - Flywheel Housing	2
15	3296-12	Locknut	2
16	19-4660	Nut	3
17	19-4680	Pin	3
18	19-4670	Stud	3
19	19-4640	Release Finger Spring	3
20	19-4690	Lift Strut	3
21	19-4630	Release Finger	3
*	20-0450	Clutch Assembly (Incl. Ref. #1-4, 7 & 16-21)	1

*Not Illustrated

**Obtain from your local GM Chevrolet dealer.

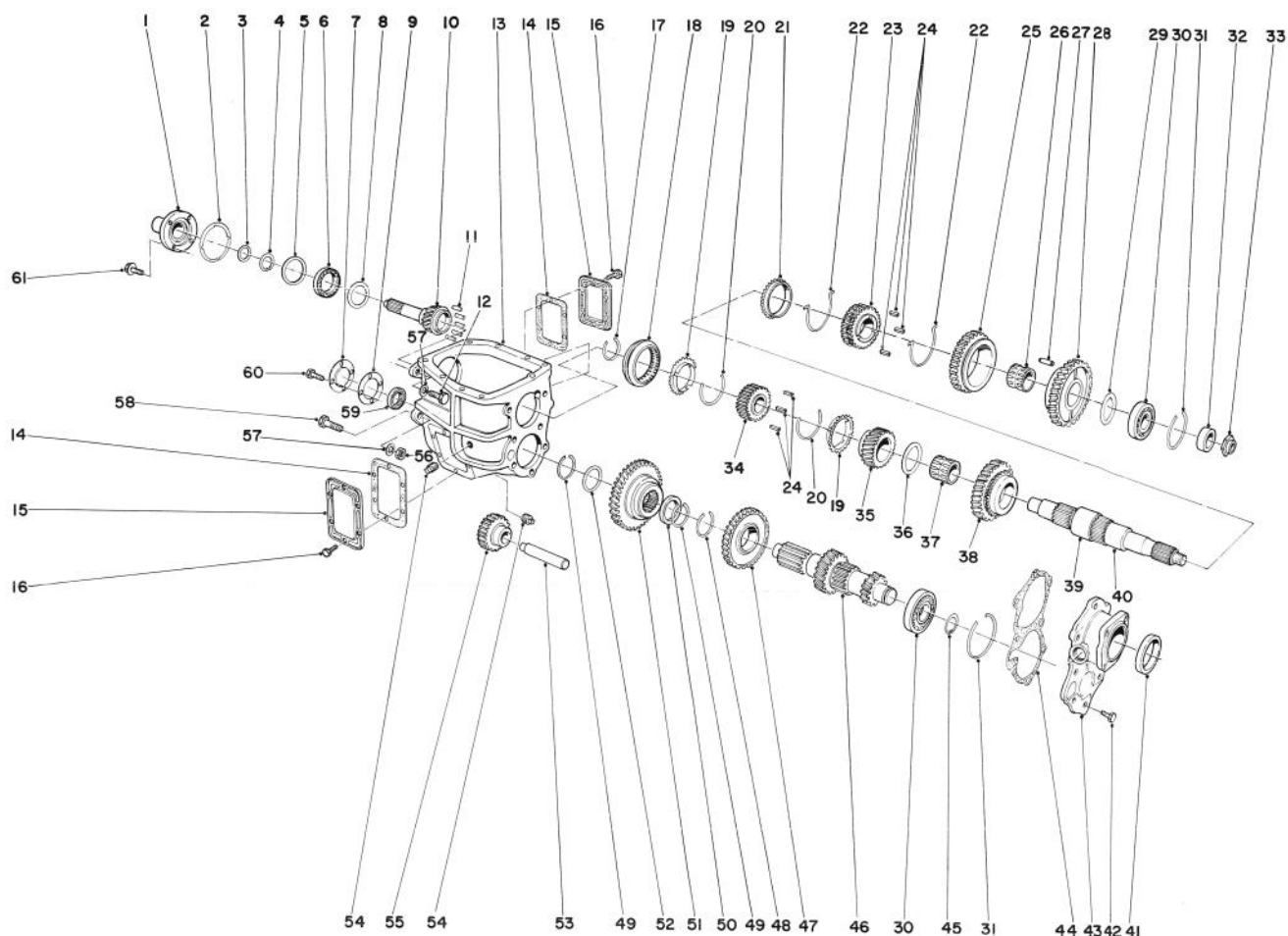


TRANSMISSION ASSEMBLY NO. 44-1160

Ref. No.	Part No.	Description	No. Used
1	3901178	Retainer Assembly	1
2	3930800	Gasket	1
3	3987937	Seal	1
4	3901152	Ring — Retaining	1
5	3866655	Ring	1
6	907993	Bearing	1
7	3866347	Cap	1
8	3901177	Slinger	1
9	3866348	Gasket	1
10	3901175	Gear — Clutch	1
11	9422666	Bearing — Roller	17
12†	325-6	Capscrew	2
13	465453	Case and Plug Assembly	1
14	6273214	Gasket — Power Take Off	2
15	6273213	Cover — Power Take Off	2
16	3905486	Bolt — Power Take Off Cover	12
17	3901166	Ring	1
18	3901165	Clutch	1
19	3993036	Cone - Gear	2
20	3866359	Spring	2
21	3950367	Cone	1
22	3866646	Spring	2
23	3946776	Hub	1

Ref. No.	Part No.	Description	No. Used
24	3866358	Key	6
25	3901170	Gear — Reverse	1
26	465455	Bushing	1
27	456587	Pin	2
28	476766	Gear	1
29	465450	Thrust Washer	1
30	907474	Bearing	2
31	3830051	Ring	2
32	3866742	Gear	1
33	3830575	Nut Assembly	1
34	3901164	Hub	1
35	3901161	Gear 3rd Speed	1
36	3932267	Washer	1
37	3932274	Bushing	1
38	3901158	Gear 2nd Speed	1
39	3932253	Bushing	1
40	3932265	Shaft	1
41	3911917	Seal	1
42	3911926	Bolt	8
43	3901182	Retainer Assembly	1
44	3930800	Gasket	1
45	3866346	Ring	1
46	14053671	Gear — Counter	1

†Obtain from your Local Toro Dealer.
Obtain all other parts from your local GM, Chevrolet Dealer.



TRANSMISSION ASSEMBLY NO. 44-1160 (Continued)

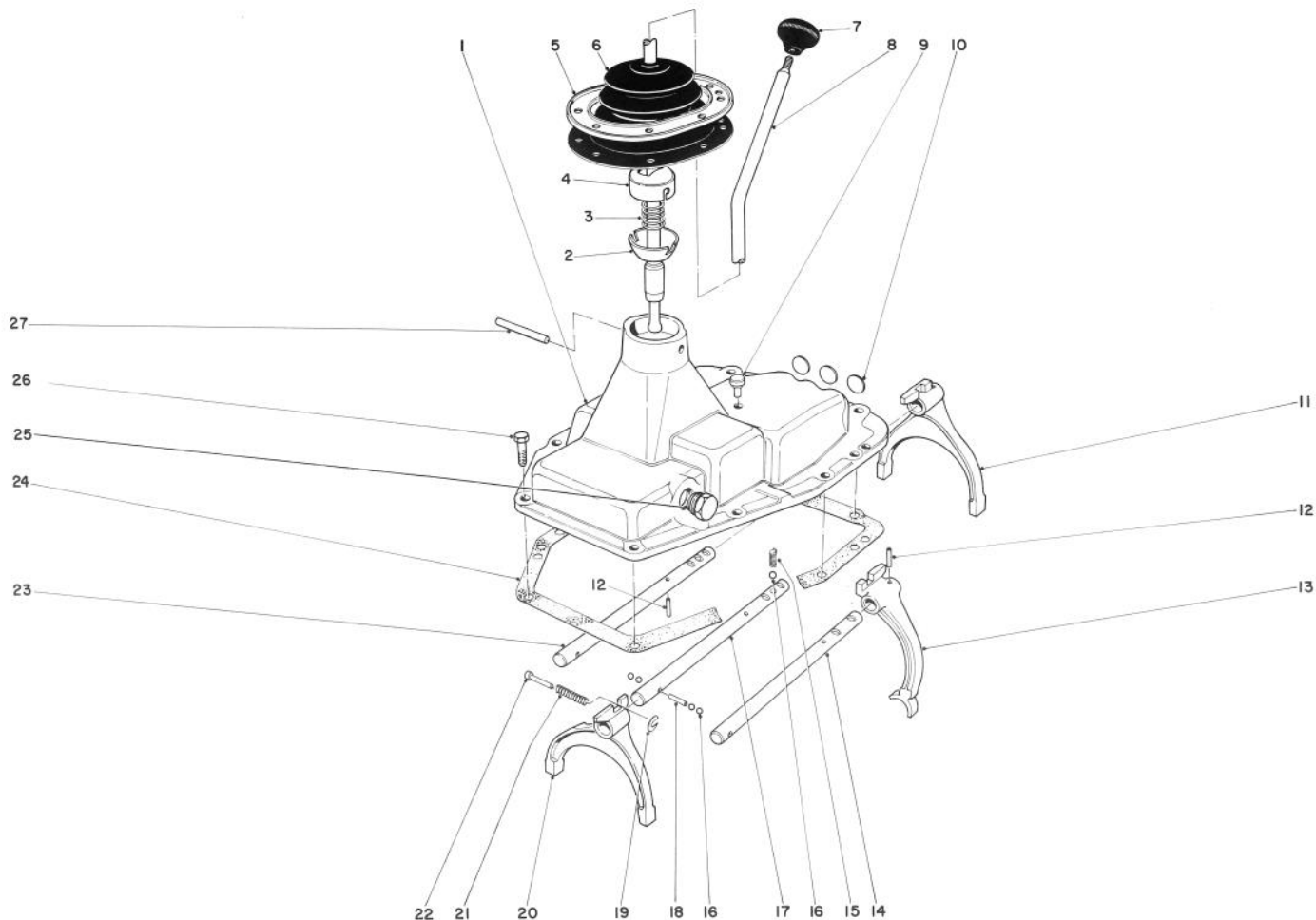
Ref. No.	Part No.	Description	No. Used
47	3968038	Gear 3rd	1
48	3866346	Ring	1
49	3920703	Ring	2
50	14020811	Spacer	1
51	3955570	Gear	1
52	3901153	Thrust Washer	1
53	3901144	Shaft — Reverse Idler	1
54	444746	Plug	2
*	444744	Plug (Optional For Item #55)	2

Ref. No.	Part No.	Description	No. Used
55	3901141	Gear Assembly — Reverse Idler	1
56†	3217-9	Nut	2
57†	3253-7	Lockwasher	4
58†	325-8	Screw — Cap, Hex. Hd.	2
59	7451785	Bearing	1
60	435141	Screw	4
61	3920784	Screw & Washer	4

*Not Illustrated

†Obtain from your local Toro Dealer.

30 Obtain all other parts from your local GM, Chevrolet Dealer.

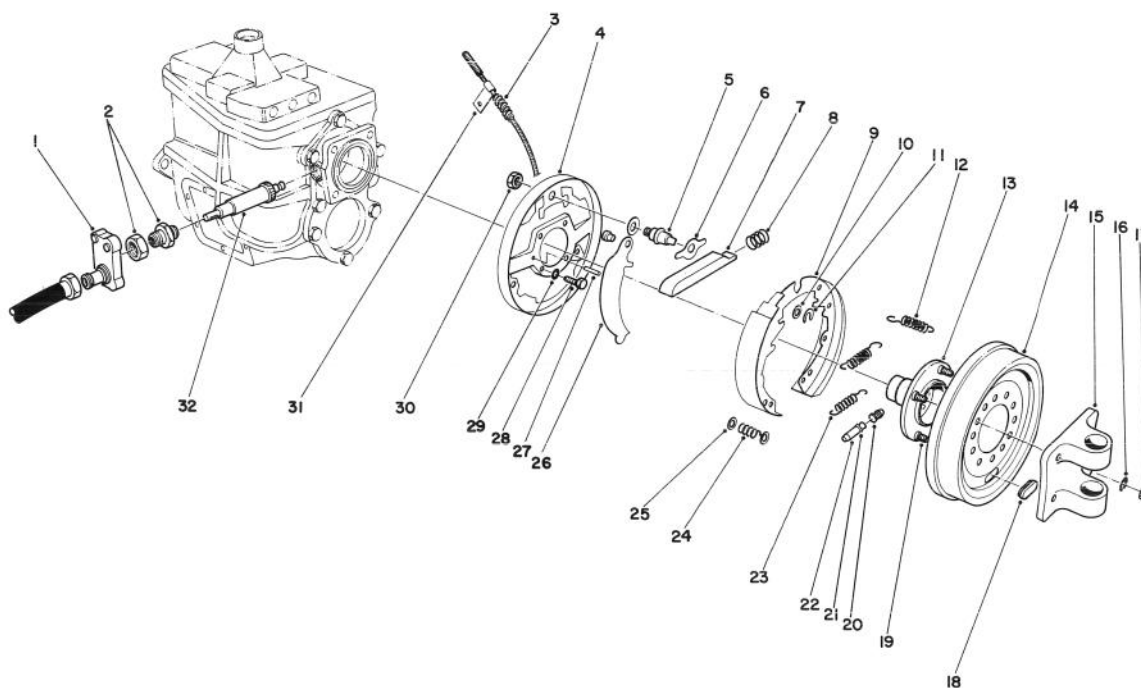


TRANSMISSION COVER

Ref. No.	Part No.	Description	No. Used
1	3952668	Cover	1
2	3988628	Cup Transmission Control	1
3	3683582	Spring Transmission Control	1
4	3988627	Cap Transmission Control	1
5	378351	Retainer — Transmission	1
6	378340	Boot Transmission	1
7†	233-10	Knob Gear Shift Lever	1
8†	36-9710	Lever Transmission Control	1
9	8640496	Ventilator Assembly	1
10	103894	Plug	3
11	3901137	Fork 1st & 2nd	1
12	273503	Pin	3
13	3978730	Fork Rev.	1
14	15592254	Shaft Rev.	1

Ref. No.	Part No.	Description	No. Used
15	551946	Spring	3
16	453593	Ball	7
17	15592256	Shaft 3rd & 4th	1
18	3901139	Pin	1
19	3727182	Retainer — Rev. Shaft	1
20	3901138	Fork 3rd & 4th	1
21	3978731	Spring	1
22	3864968	Plunger	1
23	15592255	Shaft 1st & 2nd	1
24	15594369	Gasket Transmission Cover	1
25†	36-9430	Plug — Transmission	1
26	3911926	Screw	8
27	456587	Pin	2

†Order from Toro.
Obtain all other parts from your local GM, Chevrolet Dealer.

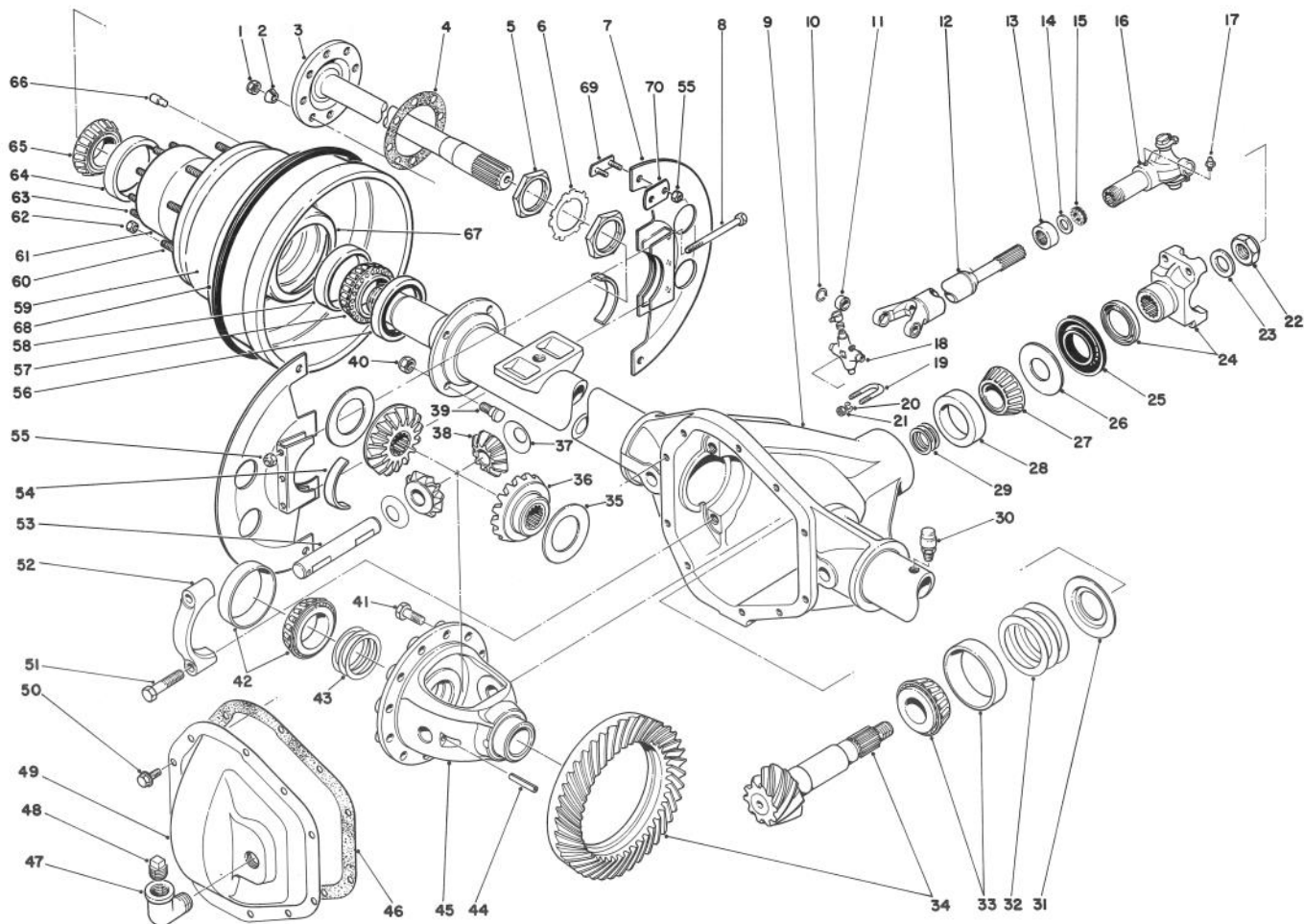


PARKING BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†1	36-9290	Adapter — Gear Reducer Assembly	1
†2	40-9330	Sleeve Assembly	1
3	14067109	Cable Assembly — Transmission Parking Brake	1
4	364690	Backing Plate	1
5	14009982	Pin — Anchor	1
6	18002428	Plate Transmission	1
7	364694	Strut	1
8	1312281	Spring Strut	1
9	1155270	Shoe & Lining	2
10	5454797	Washer — Shoe Lever	1
11	9413523	Clip Lever	1
12	3694822	Spring Shoe Pull Back	2
13	3866674	Flange Assembly	1
14	368009	Drum Assembly	1
†15	44-1150	Flange Yoke	1
†16	3253-21	Lockwasher	4
†17	32152-8	Nut — Lock	4
18	475516	Cover — Brake Shoe Adjustment Hole	1

Ref. No.	Part No.	Description	No. Used
19	3866676	Bolt	4
20	357888	Socket — Shoe Adjustment	1
21	357897	Nut — Shoe Adjustment Pivot	1
22	364692	Screw & Nut Assembly — Shoe Adjustment (Incl. Ref. #20-21)	1
23	3707417	Spring — Shoe Adjustment Screw	1
24	18002399	Spring, Shoe Hold Pin Primary	2
25	5461146	Washer, Shoe Hold Pin Primary	2
26	3866669	Lever	1
27	443770	Pin	1
28	336973	Bolt	4
29	120382	Lockwasher	4
30	3760300	Nut — Transmission	1
31	3866754	Clamp	1
32	3866917	Speedometer Driven Gear	1

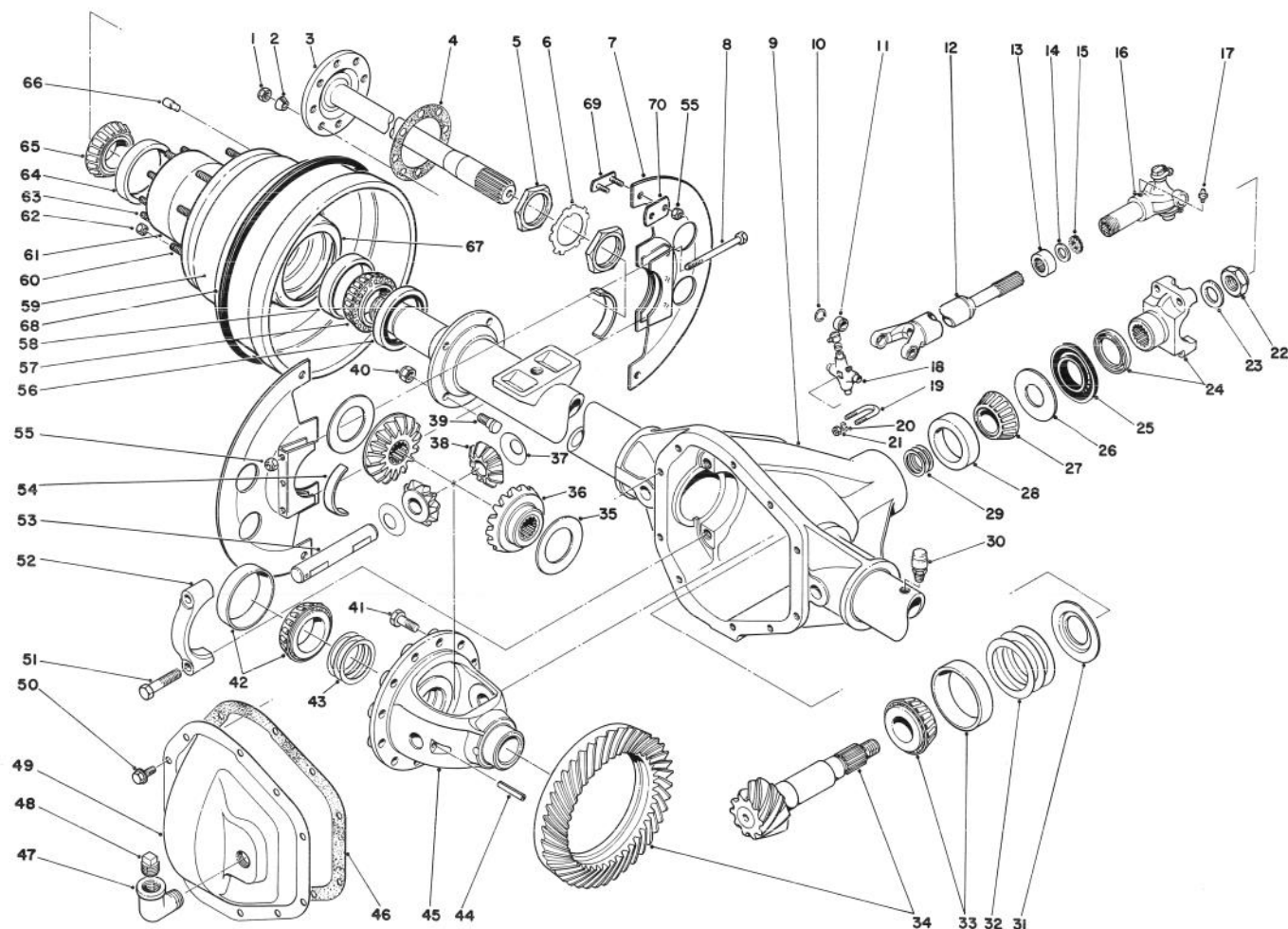
†Obtain from your local Toro Dealer. Obtain all other parts from your local GM, Chevrolet Dealer.



REAR AXLE (36-9830) AND DRIVE LINE (44-1430)

Ref. No.	Part No.	Description	No. Used
1	3296-7	Locknut	16
2	19-6810	Stud Adapter	16
3	37-8640	Shaft Axle	2
4	24-8660	Gasket Drive Flange	2
5	19-6820	Nut Spindle	4
6	19-6840	Lock — Spindle Nut	2
7	57-6060	Grass Shield	4
8	321-36	Capscrew	4
9		Case Differential Assembly	1
10	18-4650	Retaining Ring	6
11		Bearing Assembly	8
12	44-1440	Shaft Assembly	1
13	18-4730	Retainer Cap	1
14	18-4710	Washer	1
15	18-4700	Felt Dust Seal	1
16	18-4680	Slip Yoke	1
17	18-4690	Grease Fitting	1
18	18-8700	Cross Journal (Incl. Ref. #10 & 11)	2
19	214-229	U-Bolt	2
20	3253-21	Lockwasher	4
21	32152-8	Nut	4
22	18-9360	Nut Pinion	1

Ref. No.	Part No.	Description	No. Used
23	18-9370	Washer Pinion Nut	1
24	19-6700	End Yoke Assembly	1
25	18-9390	Seal Pinion	1
26		Slinger — Pinion Bearing	1
27	18-9410	Bearing Cone	1
28	18-9420	Bearing Cup	1
29	37-8560	Pinion Bearing Shim Kit	1
30	37-7570	Vent	1
31		Baffle — Pinion Bearing	1
32	37-8550	Drive Pinion Adj. Shim Kit	1
33	37-8540	Inner Pinion Bearing Kit	1
34	37-8530	Gear, Pinion & Nut Assembly Hypoid Drive	1
35		Thrust Washer Gear	2
36		Gear Differential	2
37		Thrust Washer Pinion	2
38		Pinion Gear	2
39	19-6830	Brake Flange Bolt	8
40	3296-19	Locknut	8
41	18-9340	Bolt — Drive Gear	12
42	37-8610	Differential Bearing Kit	2
43	37-8590	Differential Bearing Shim Kit	2
44	19-6630	Lock — Differential	1

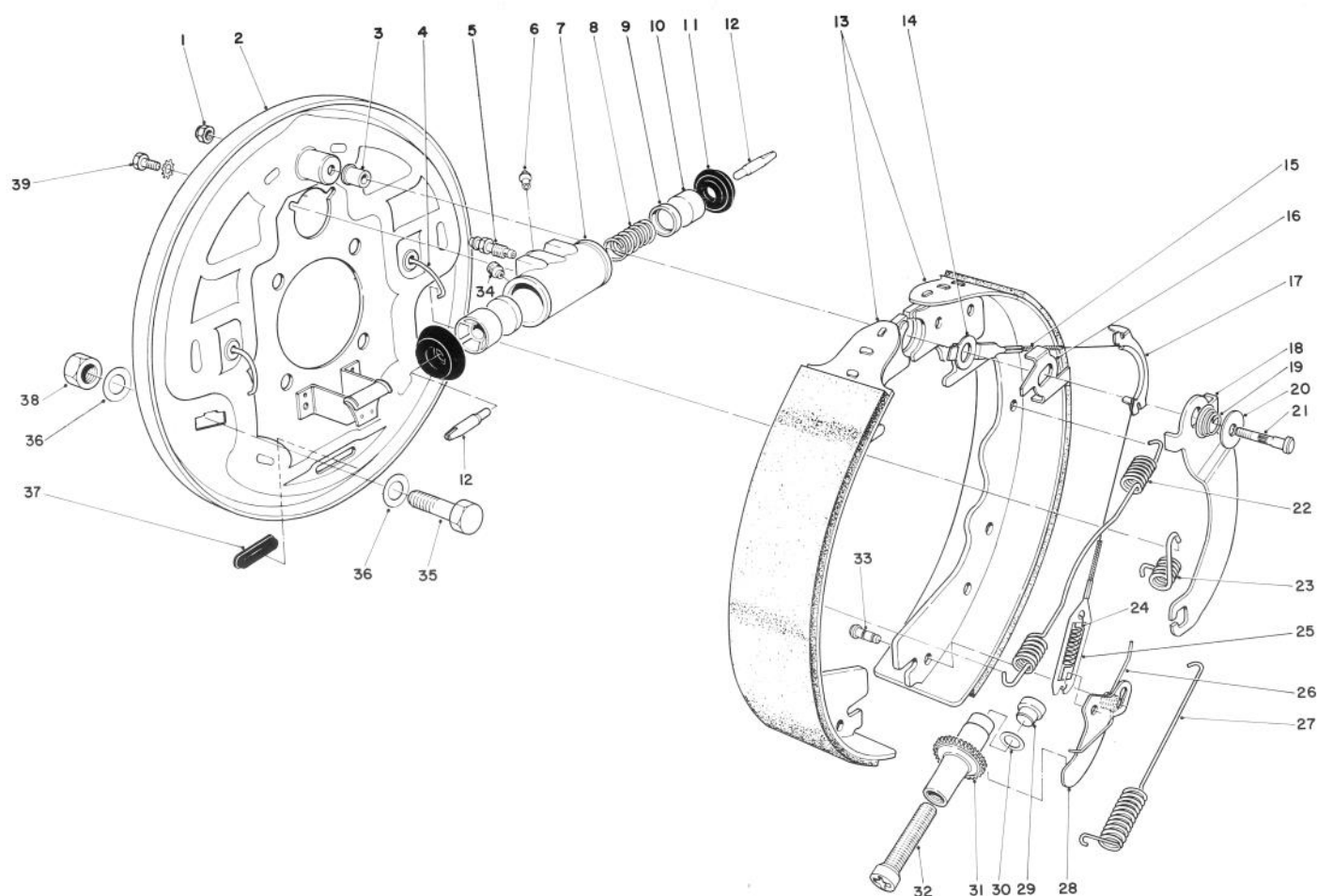


REAR AXLE (36-9830) AND DRIVE LINE (44-1430) (Continued)

Ref. No.	Part No.	Description	No. Used
45		Case Differential	1
46	37-8580	Gasket Carrier Cover	1
47	2811-8	Street Elbow	1
48	19-7090	Pipe Plug	1
49		Gear Carrier Cover	1
50	18-9200	Bolt Carrier Cover	10
51	325-9	Differential Bearing Cup Bolt	4
52		Cup Differential Bearing	2
53		Shaft Differential	1
54	38-2100	Shim	A/R
55	32153-4	Locknut	12
56	253-128	Oil Seal	2
57	254-98	Bearing Cone	2
58	254-100	Bearing Cup	2
59	37-8490	Wheel Drum	2
60	242-67	Wheel Bolt	16
61	37-8500	Wheel Hub	2
62	242-69	Wheel Nut	16
63	242-68	Flange Stud	16
64	254-99	Bearing Cup	2

Ref. No.	Part No.	Description	No. Used
65	254-101	Bearing Cone	2
66	44-1490	Pin — Locating	2
67	54-7670	Slinger	2
68	57-6110	Seal — V-Ring	2
69	57-6100	U-Clamp	4
70	57-6070	Strap — U-Clamp	4
*	37-8520	Gear & Pinion Drive Assy. Kit (Incl. Ref. #22-23, 25-29, 31-34, 41, 43 & 46)	1
*	37-8600	Differential Case Assy. Kit (Incl. Ref. #35-38, 41-42, 44-46 & 53)	1
*	37-8620	Differential Parts Kit (Incl. Ref. #35-38, 41, 44, 46 & 53)	1
*	37-8630	Carrier Cover Assembly (Incl. Ref. #46 & 48-50)	1
*	36-9830	Rear Axle (Incl. Ref. #9, 22-38 & 41-53)	1
*	44-1430	Drive Line (Incl. Ref. #10-21)	1

*Not Illustrated

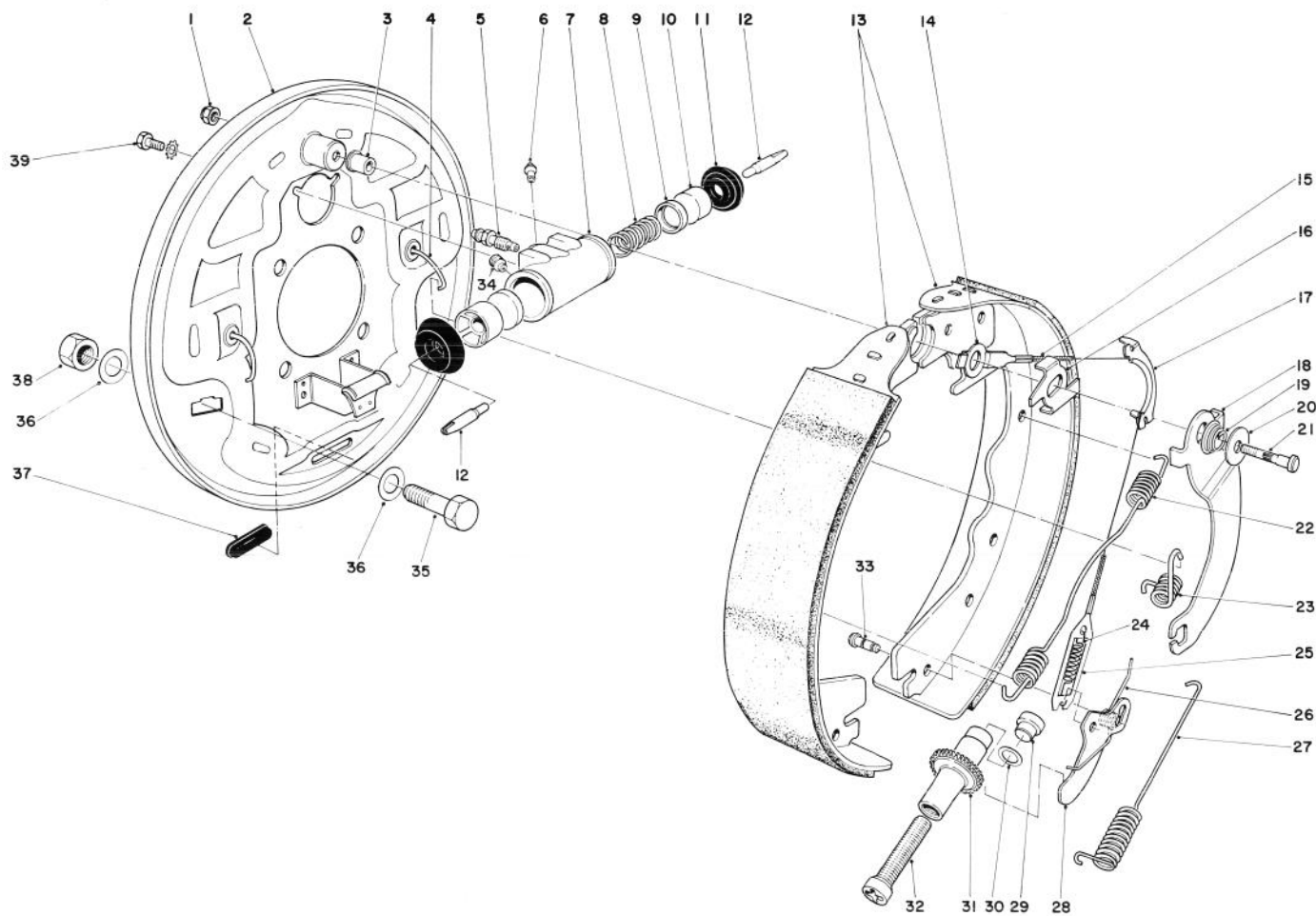


REAR BRAKE ASSEMBLY (37-1010 R.H. & 37-1020 L.H.)

Ref. No.	Part No.	Description	No. Used
1	37-3770	Locknut	2
2	37-3840	Back Plate & Guide L.H.	1
*	37-3850	Back Plate & Guide R.H.	1
3	37-3710	Bushing Anchor Post	2
4	37-3970	Pin Shoe Hold Down Spring	4
5	19-6460	Bleeder Screw	2
6	19-6450	Tube Seat Inlet	2
7	37-4040	Wheel Cylinder L.H. (Incl. Ref. #8-11)	1
*	37-4050	Wheel Cylinder R.H. (Incl. Ref. #8-11)	1
8		Spring	2
9		Cup	4
10		Piston	4
11		Boot	4
12	37-4010	Connecting Link Wheel Cylinder	4
13	40-9250	Shoe & Lining Set Front & Rear	1
14		Fitting Anchor End	2
15		Cable	2
16	37-3690	Cam Plate — Preg. Br. Lever L.H.	1
*	37-3700	Cam Plate — Preg. Br. Lever R.H.	1

Ref. No.	Part No.	Description	No. Used
17	37-3780	Cable Guide	2
18	37-3630	Lever Parking Brake L.H.	1
*	37-3640	Lever Parking Brake R.H.	1
19	37-3620	Spring Anti Rattle Cam & Lever	2
20	37-3600	Washer, Parking Lever Retainer	2
21	37-3610	Anchor Bolt	2
22	37-3990	Spring — Shoe to Shoe	2
23	37-3790	Spring Shoe Hold Down	4
24		Spring Over Travel	2
25		Fitting Lever End	2
26	37-3800	Spring Auto Adjusting L.H.	1
*	37-3810	Spring Auto Adjusting R.H.	1
27	37-4000	Spring Shoe to Shoe	2
28	37-3830	Lever Auto Adjuster	2
29	37-3940	Socket Pivot	2
30	37-3950	Washer Adjusting Nut	2
31	37-3900	Adjusting Nut L.H.	1
*	37-3910	Adjusting Nut R.H.	1
32	37-3920	Pivot Screw L.H.	1
*	37-3930	Pivot Screw R.H.	1
33	37-3820	Pin Auto Adjuster Lever	2

*Not Illustrated

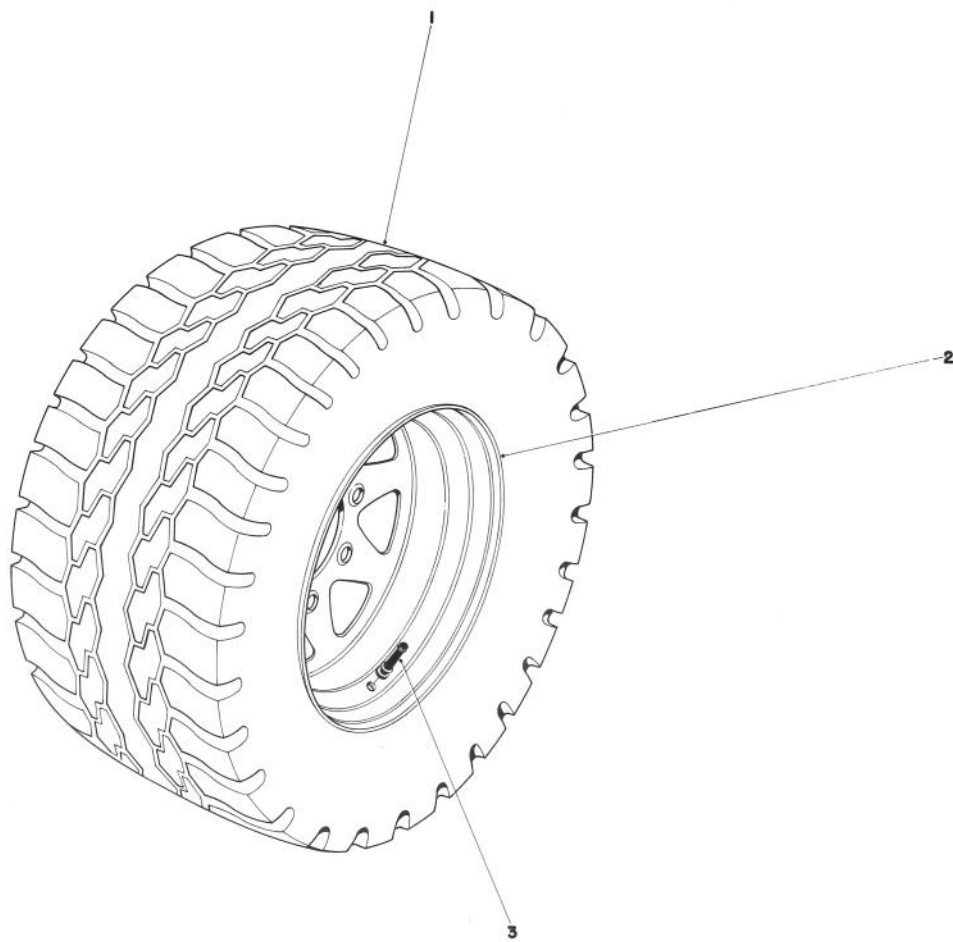


REAR BRAKE ASSEMBLY (37-1010 R.H. & 37-1020 L.H.) (Continued)

Ref. No.	Part No.	Description	No. Used
34		Body Screw	2
35	325-3	Capscrew	2
36	3256-26	Washer	4
37	37-3960	Cover Adjusting Hole	2
38	32153-5	Locknut	2
39	37-3980	Screw & Lockwasher	1
*	37-3580	Lever Cable Cam Bolt Assy. L.H. (Incl. Ref. #3, 14-16, 18-21 & 24-25)	1

Ref. No.	Part No.	Description	No. Used
*	37-3590	Lever Cable Cam Bolt Assy. R.H. (Incl. Ref. #3, 14-16, 18-21 & 24-25)	1
*	37-3720	Cable & Fitting Assembly (Incl. Ref. #14-15 & 24-25)	2
*	37-1010	Brake Assembly R.H. (Complete)	1
*	37-1020	Brake Assembly L.H. (Complete)	1

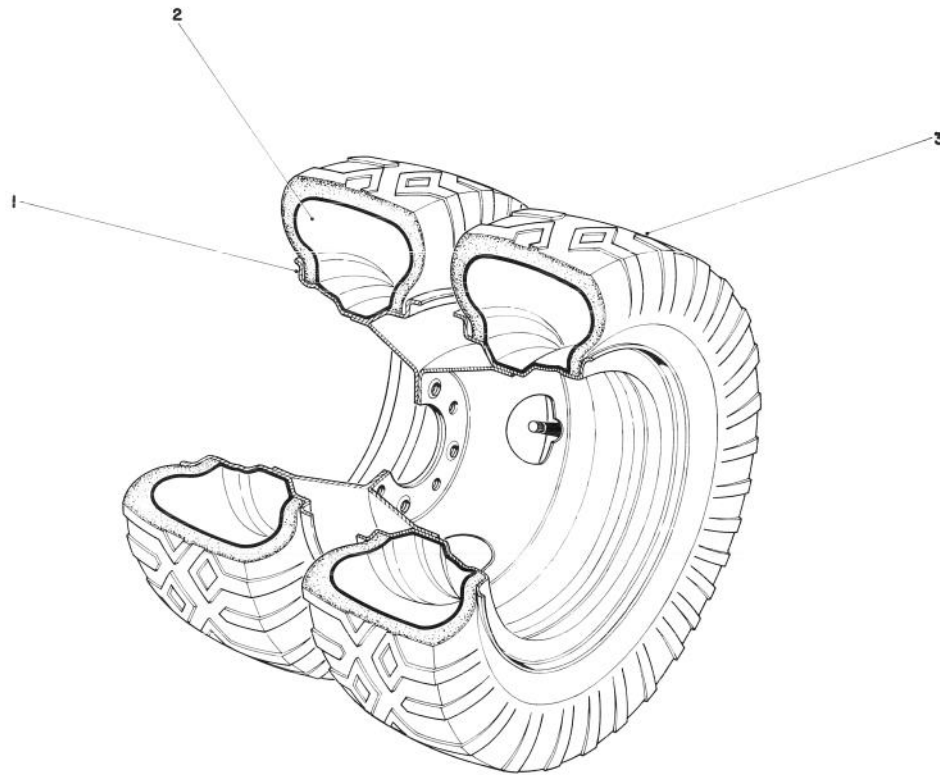
* Not Illustrated



REAR WHEEL AND TIRE 31 X 13.5 X 15

Ref. No.	Part No.	Description	No. Used
1	231-100	Tire Rear	2
2	36-9870	Wheel	2

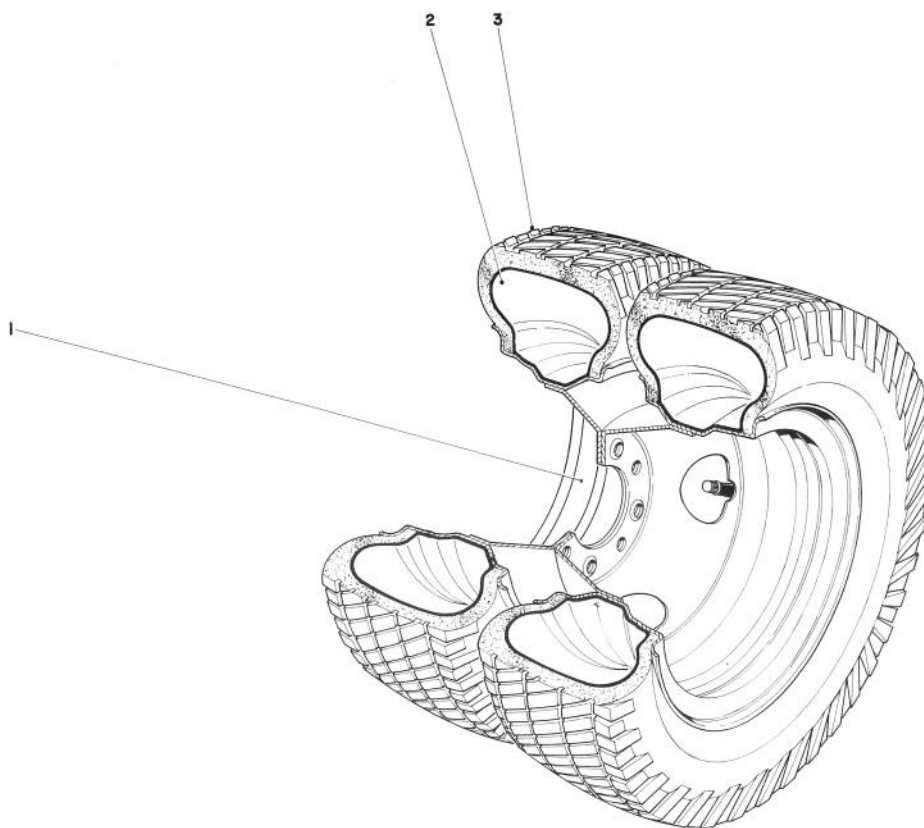
Ref. No.	Part No.	Description	No. Used
3	232-27	Valve Stem W/Cap	2



REAR WHEEL AND TIRE 7.50 X 16

Ref. No.	Part No.	Description	No. Used
1	37-4320	Wheel Assembly	4
2	28-9650	Inner Tube	4

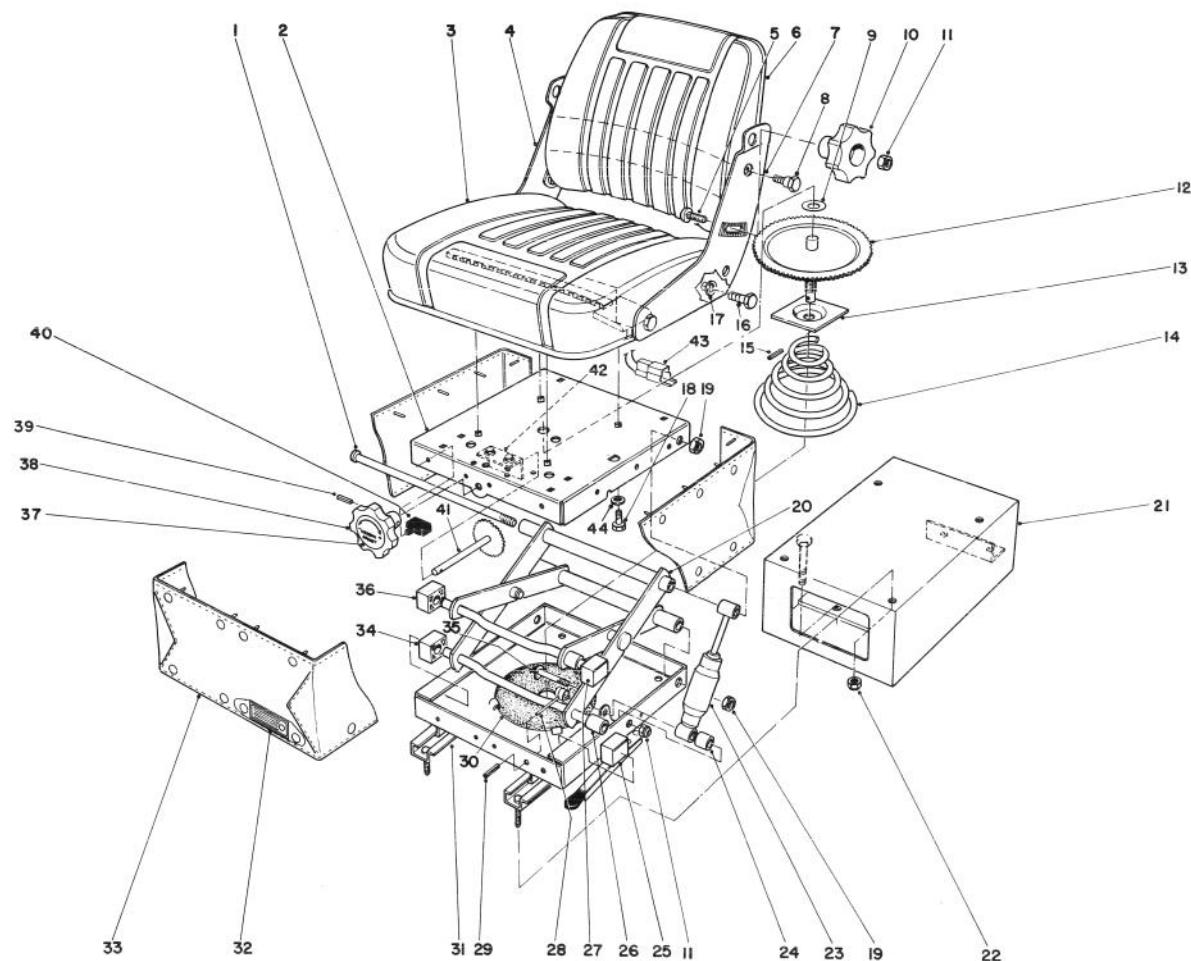
Ref. No.	Part No.	Description	No. Used
3	231-5	Tire	4



REAR WHEEL AND TIRE 8.00 X 16

Ref. No.	Part No.	Description	No. Used
1	37-4320	Wheel Assembly	4
2	28-9650	Inner Tube	4

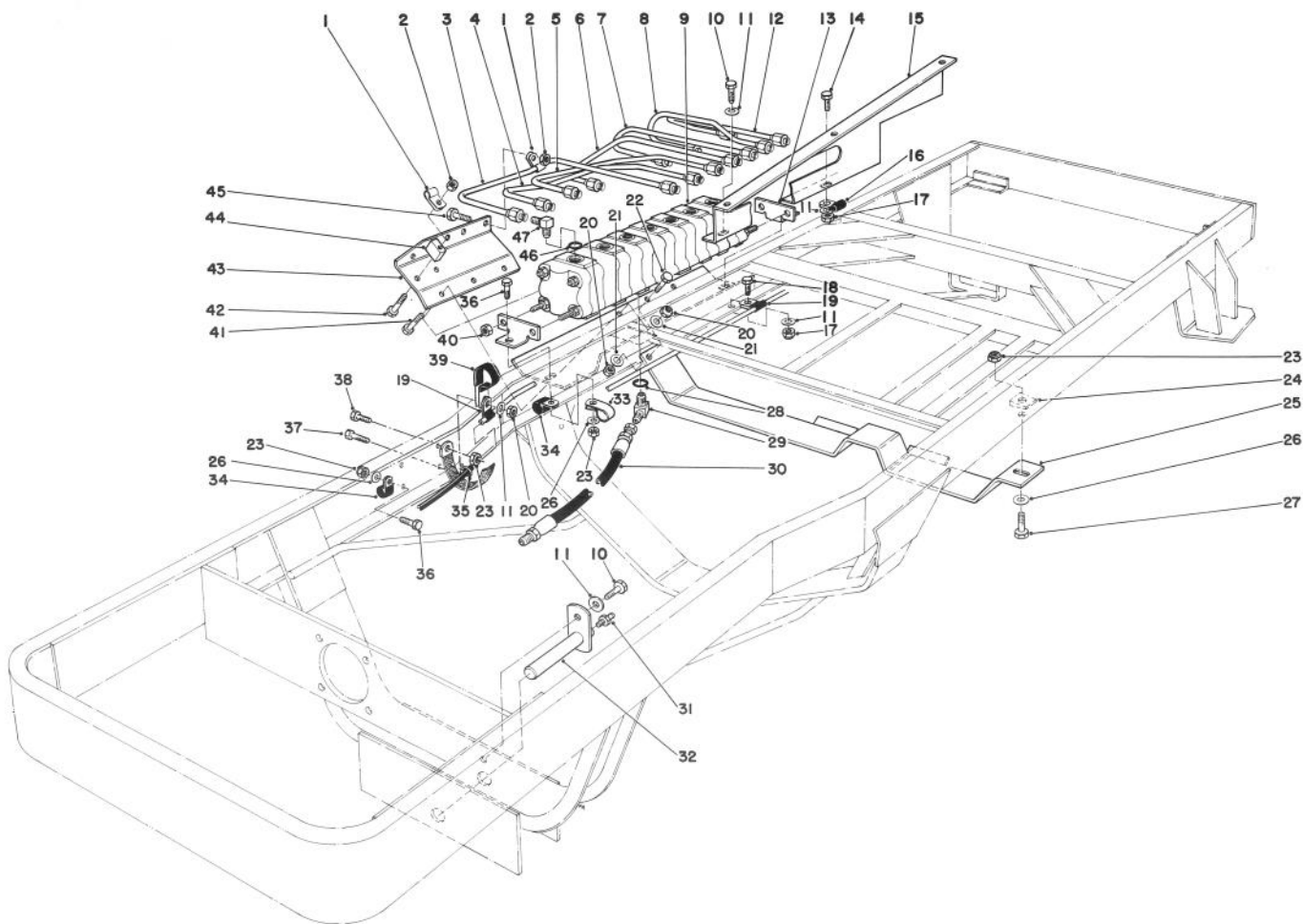
Ref. No.	Part No.	Description	No. Used
3	28-9640	Tire Traction	4



SEAT ASSEMBLY (60-9070) AND SUSPENSION ASSEMBLY (46-3430)

Ref. No.	Part No.	Description	No. Used
1	44-8470	Shaft Bearing	2
2	37-0690	Upper Housing Assembly	1
3	37-0600	Seat Cushion Assembly	1
4	60-9080	Bracket, R.H. Side	1
5	46-3410	Bolt — Carriage	2
6	44-8440	Backrest Cushion	1
7	60-9090	Bracket, L.H. Side	1
8	60-9180	Bolt, Shoulder	2
9	37-0740	Thrust Washer	1
10	44-8450	Knob — Tilt Adjustment	2
11	32153-2	Nut — Lock	6
12	37-0840	Gear Assembly	1
13	37-0830	Washer Assembly	1
14	37-0820	Spring	1
15	32121-45	Pin — Roll	1
16		Bolt 1/2-13 UNC x 1.50	4
17	60-9170	Spacer	4
18	323-4	Capscrew	4
19	3296-45	Nut Lock	2
20	46-3420	Suspension Arm Assembly	1
21	36-9630	Seat Base	1
22	32153-3	Nut — Lock	4
23	37-0660	Shock Absorber	1

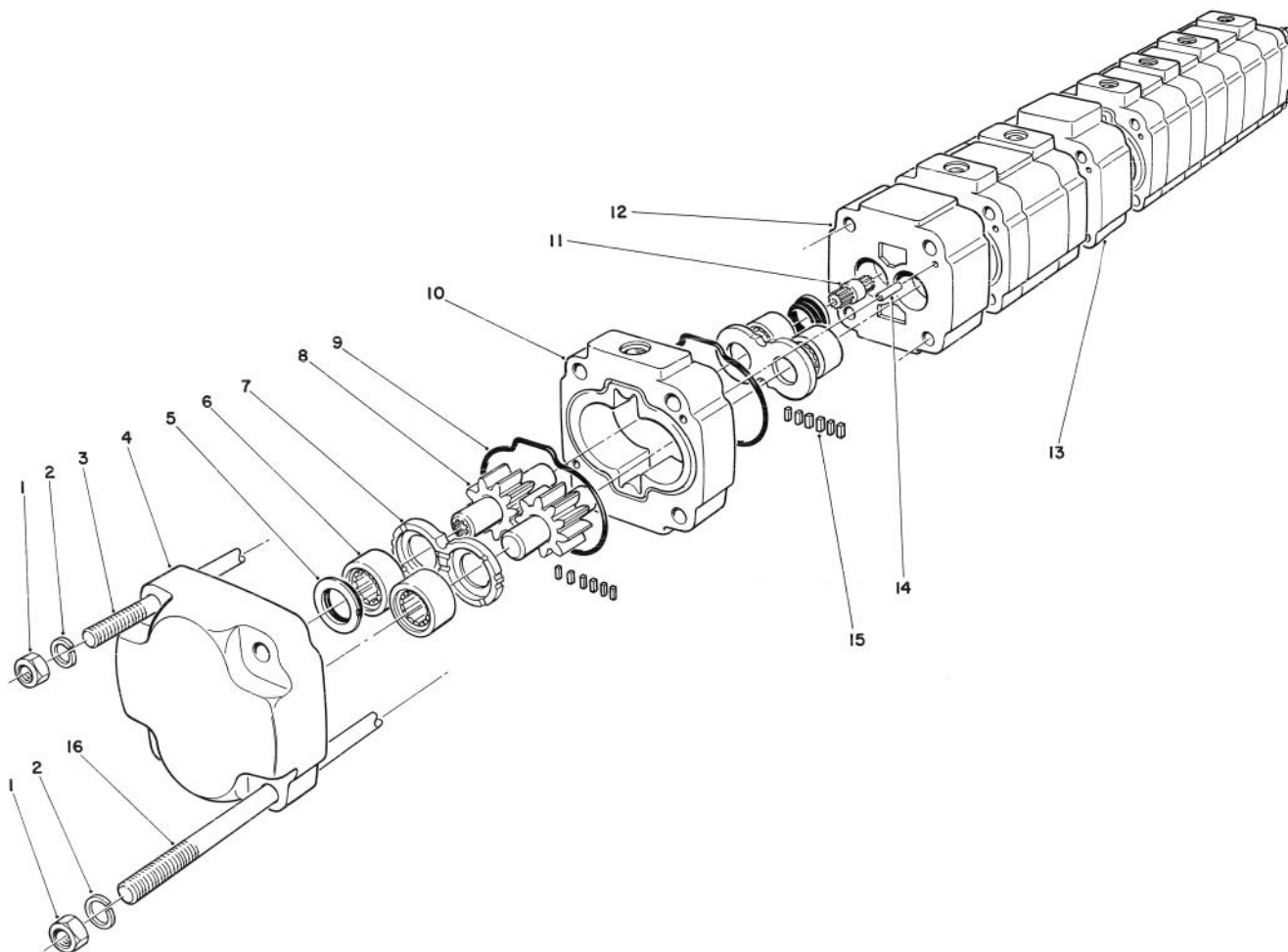
Ref. No.	Part No.	Description	No. Used
24	37-0670	Bearing	2
25	37-0650	Slides Block — Lower L.H.	1
26	37-0880	Bearing	4
27	37-0640	Slides Block — Upper L.H.	1
28	37-0780	Ride Indicator	1
29	32121-24	Roll — Pin	1
30	37-0810	Pad	1
31	46-3400	Suspension Base Assembly	1
32	37-0770	Decal — Ride Instructions	1
33	37-0760	Boot Assembly	1
34	37-0630	Slides Block — Lower R.H.	1
35	37-0680	Bolt — Shoulder	1
36	37-0620	Slides Block — Upper R.H.	1
37	37-0750	Decal, Weight	1
38	37-0730	Knob — Weight Adjustment	1
39		Pin — Spiral	1
40	37-0700	Bumper	2
41	37-0850	Gear & Shaft Assembly	1
42	37-0860	Bracket, Seat	1
43	33-0730	Switch, Seat	1
		Used on HTM 175 Only	
44	3256-24	Washer	4
		Not Used on HTM 175	



FLOW DIVIDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-73	R-Clamp	7
2	3296-42	Locknut	7
3	38-2730	#2 Inlet Tube	1
4	38-2720	#6 Inlet Tube	1
5	38-2710	#4 Inlet Tube	1
6	38-2700	#3 Inlet Tube	1
7	38-2740	#5 Inlet Tube	1
8	38-2750	#7 Inlet Tube	1
9	38-2570	Flow Divider	1
10	32104-6	Self Tapping Screw	2
11	3256-24	Washer	5
12	38-2760	#1 Inlet Tube	1
13	38-2790	Bracket — Flow Divider	2
14	11-0590	Capscrew Hex Hd. Thread Forming	1
15	37-7340	Fender Mount R.H.	1
16	2412-10	Support Clamp	1
17	32153-2	Locknut	2
18	323-6	Capscrew	1
19	18-2970	Fuel Line Clip	2
20	3296-39	Locknut	4
21	3256-3	Washer	3
22	323-8	Capscrew	1
23	32153-5	Locknut	5

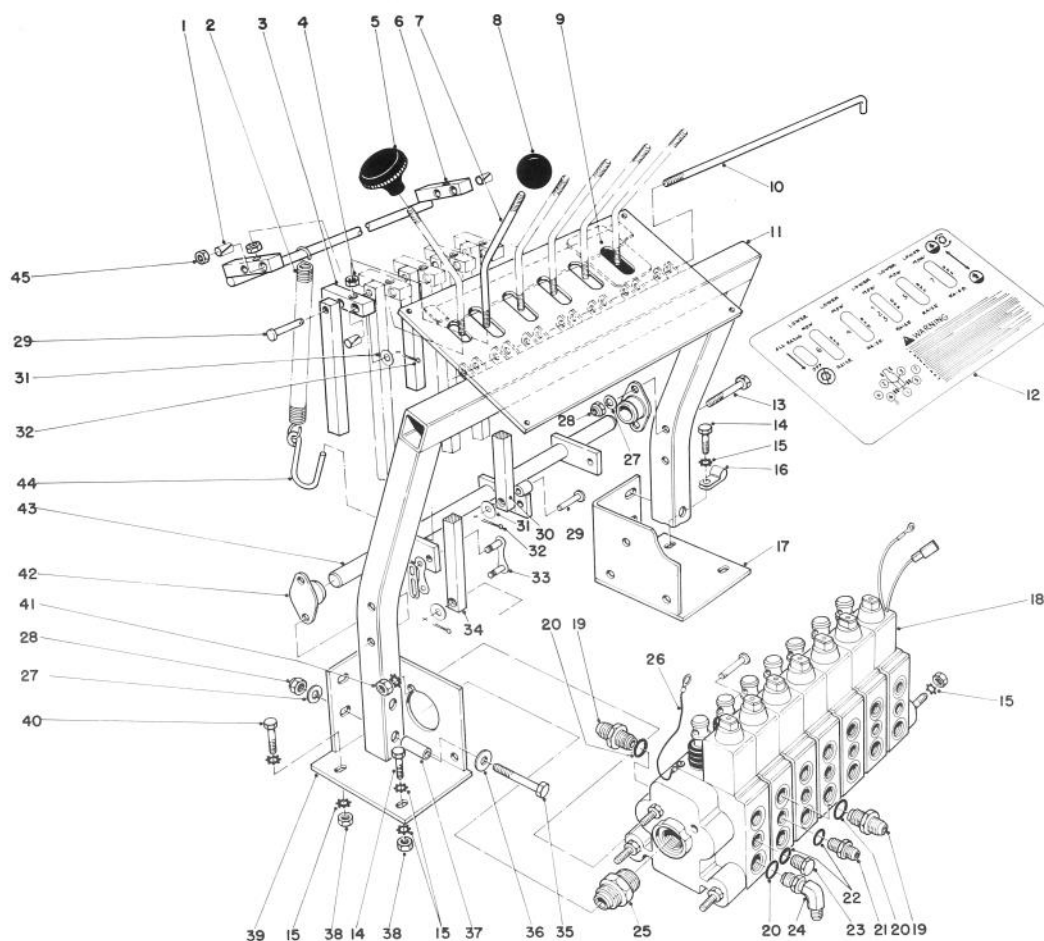
Ref. No.	Part No.	Description	No. Used
24	3290-216	Bevel Washer	1
25	43-4790	Drive Shaft Protector	1
26	3256-26	Washer	4
27	325-6	Capscrew	1
28	237-123	"O" Ring	1
29	353-703	90° Fitting (Incl. Ref. #28)	1
30	38-5820	Hose Main Pressure	1
31	302-2	Grease Fitting	1
32	3-3760	Pivot Pin	1
33	304-61	Support Clamp	1
34	2412-82	R-Clamp	2
35	2412-6	Hose Clamp	1
36	325-5	Capscrew	3
37	323-7	Capscrew	1
38	325-4	Screw — Cap Hex. Hd.	1
39	2412-44	Clamp	1
40	3296-24	Locknut	4
41	323-18	Capscrew	2
42	321-10	Capscrew	2
43	38-3110	Bracket — Tube Support	1
44	38-3100	Spacer Tube	2
45	321-4	Capscrew	5
46	237-79	"O" Ring	7
47	37-4910	90° Adjustable Elbow	7



FLOW DIVIDER NO. 38-2570

Ref. No.	Part No.	Description	No. Used
1	46-5250	Nut — Full	8
2	46-5260	Washer — Lock	8
3	46-5240	Stud — Short	2
4	46-5390	Cover — End	2
5	46-5370	Seal — Ring	14
6	46-5380	Bearing — Roller	28
7	46-5300	Plate — Thrust	14
8	46-5350	Gear Set	7

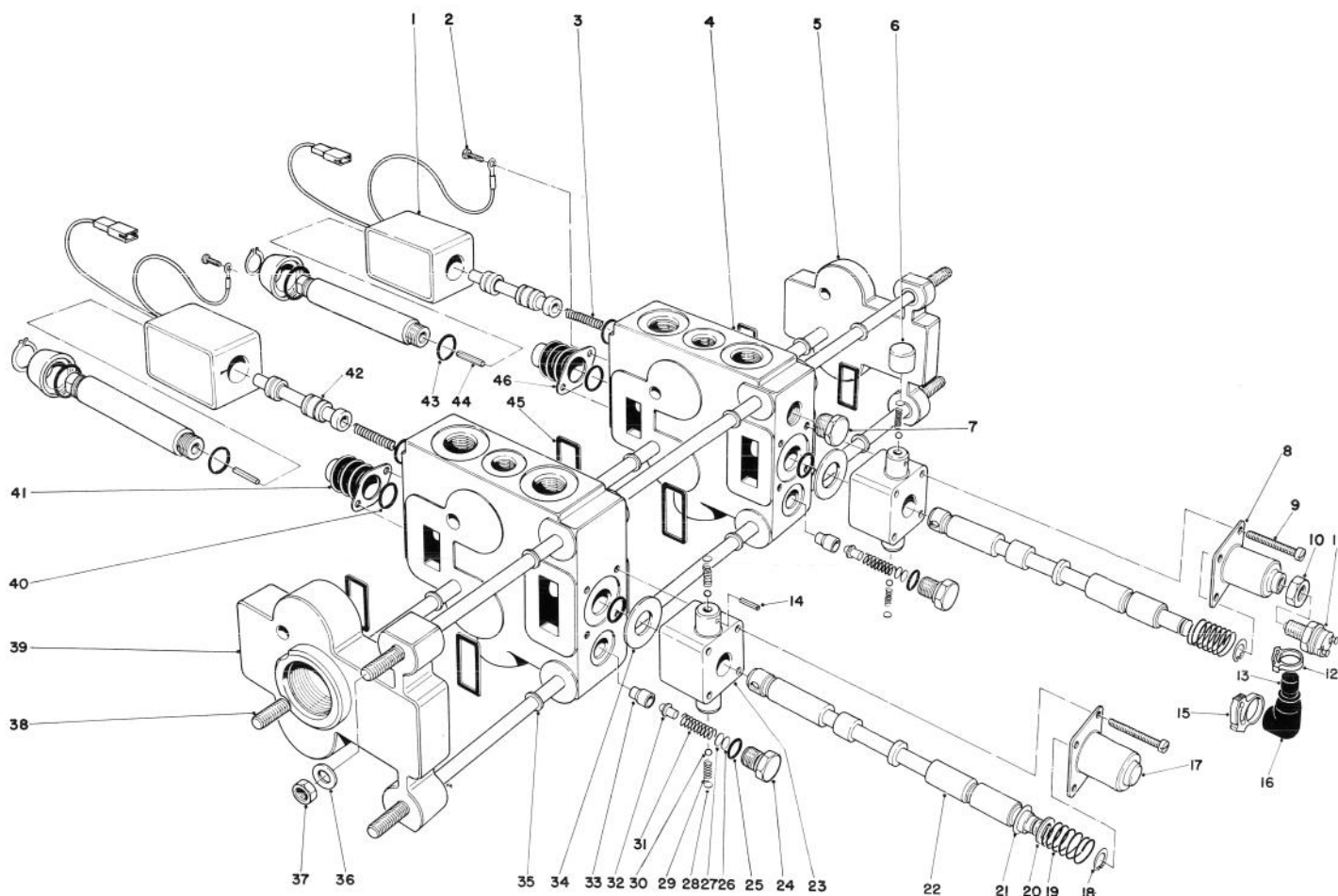
Ref. No.	Part No.	Description	No. Used
9	46-5280	Seal — Gasket	14
10	46-5360	Housing — Gear	7
11	46-5310	Shaft — Connecting	6
12	46-5330	Carrier — Bearing	5
13	46-5340	Carrier — Bearing (Inlet Port)	1
14	46-5320	Pin — Dowel	28
15	46-5290	Seal — Pocket Kit	1
16	46-5270	Stud — Long	2



CONTROL TOWER AND VALVE BANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-4750	Bearing Nyliner	7
2	5-1706	Chain Tightener Spring	1
3	42-3530	Pivot Block Lever	5
4	3220-3	Jam Nut	6
5	233-10	Knob	1
6	43-4940	Release Lever	1
7	37-3200	Valve Lever	6
8	3-0631	Knob	5
9	37-4200	Lever Seal	6
10	37-3210	Pivot Pin	1
11	37-3220	Frame Control Panel	1
12	37-4270	Decal — Control Panel	1
13	323-11	Capscrew	4
14	323-7	Capscrew	3
15	3255-9	Washer	14
16	2412-10	Support Clamp	1
17	37-3270	Bracket — Valve Bank (Rear)	1
18	47-2530	Valve Bank Assembly	1
19	353-388	Straight Connector	14
20	237-79	"O"-Ring	21
21	353-384	Straight Connector	5
22	237-42	"O"-Ring	7
23	353-508	Plug "O" Ring Boss	2

Ref. No.	Part No.	Description	No. Used
24	37-4910	90° Adjustable Elbow	7
25	353-694	Straight Connector	1
26	3-3868	Wire — Ground	1
27	3253-21	Lockwasher	8
28	3217-33	Nut	8
29	283-53	Clevis Pin	10
30	37-3170	Linkage Bar	1
31	3256-22	Washer	10
32	3272-2	Cotter Pin	10
33	57-6220	Connecting Link	3
34	37-3180	Bar Linkage	4
35	323-12	Capscrew	4
36	3256-24	Washer	4
37	37-3320	Spacer Tower	4
38	3217-7	Nut	4
39	37-3300	Bracket Valve Bank Front	1
40	323-8	Capscrew	1
41	3296-39	Locknut	6
42	27-2320	Side Flange Bearing	2
43	37-2190	Pivot Shaft	1
44	3-2198	Hook	1
45	3296-29	Locknut	1



VALVE ASSEMBLY NO. 47-2530

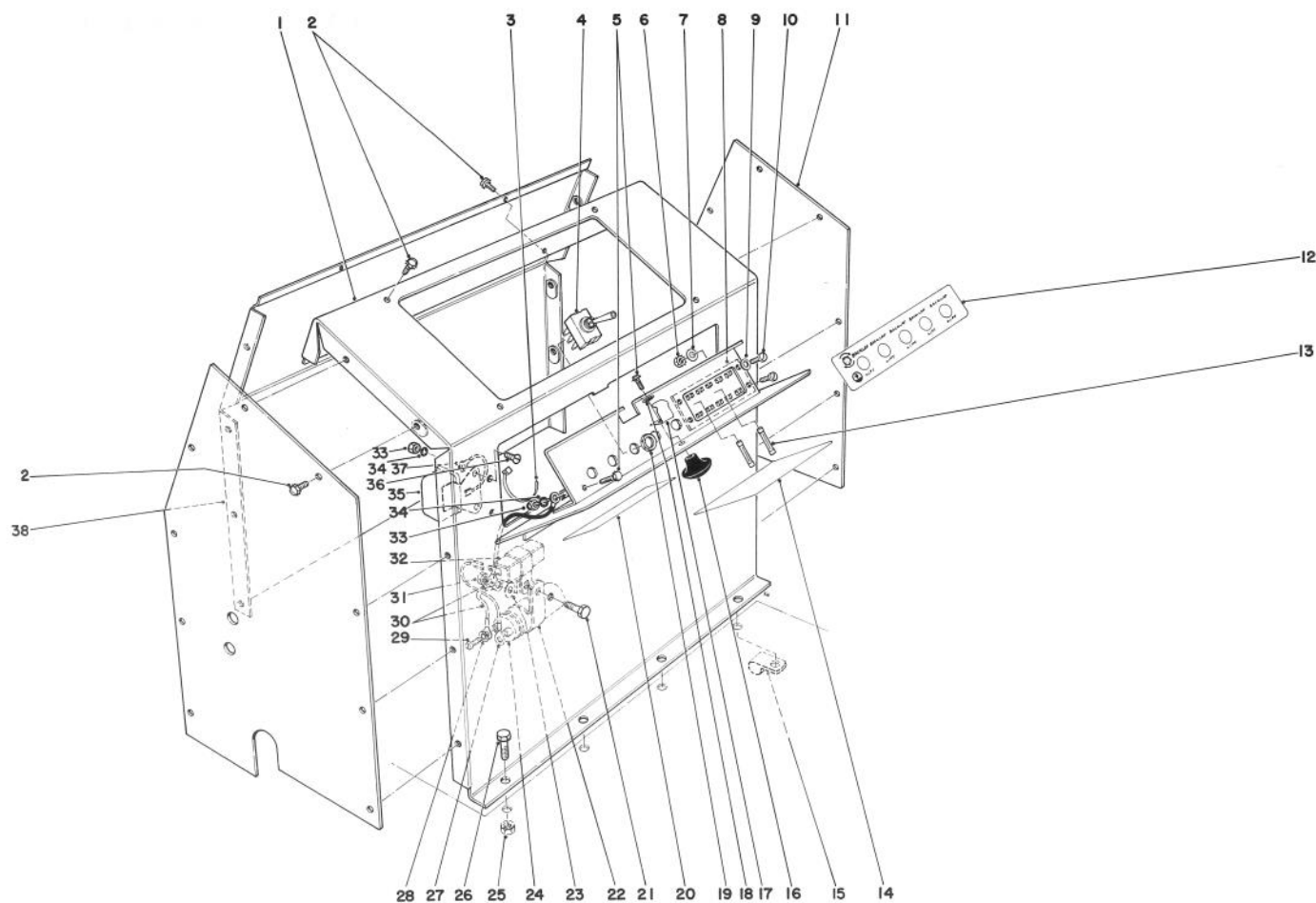
Ref. No.	Part No.	Description	No. Used
1	38-0090	Solenoid Assy. (Incl. Ref. #43-44)	7
2	3250-15	Screw Pan Hd. Machine	14
3	49-4270	Spring	7
4†		Body	7
5	38-0120	Cover Plate	1
6	38-0240	Cap	14
7	38-1110	Plug	7
8	44-8510	Cap	5
9	3250-10	Screw Full Head Machine	28
10	38-0410	Hex Nut	5
11	43-8520	Switch	5
12	2412-97	Clamp	5
13	44-8520	Plug — Rubber	5
14	32121-20	Roll Pin	14
15	2412-85	Clamp	5
16	218-331	Boot	5
17	38-0200	Cap	2
18	32151-49	Retaining Ring	7
19	38-0230	Spring Compression	7
20	38-0440	Washer	7
21	38-0220	Collar Stop	14
22†		Spool	7
23†		Housing	7
24	38-1100	Plug	7
25	237-42	"O" Ring	7
26	38-0180	Shim	A/R
27	38-0160	Disc	A/R

Ref. No.	Part No.	Description	No. Used
28	38-0270	Disc	14
29	38-0260	Spring Compression	14
30	38-0250	Ball	14
31	38-0300	Spring	7
32	38-0150	Valve	7
33†		Seat	7
34	38-1170	Washer	7
35		Shim	24
36	3254-6	Lockwasher	6
37	3217-7	Nut	6
38	38-0100	Stud	3
39	38-0110	Outlet Section	1
40	237-69	"O" Ring	14
41	38-0130	Boot	7
42	47-2510	Spool	7
43	237-122	"O" Ring	14
44	38-0290	Push Rod	7
45‡	38-0450	Seal Ring Square Cut	16
46	38-0190	Retainer	7
*	38-1160	Service Kit (Incl. Ref. #35 & 45)	1
*	47-2520	Valve Section Assy. #2-6 (Incl. Ref. #1-4, 7-11, 14, 18-34, 40-43 & 46)	5
*	47-2500	Valve Section Assy. #1 & 7 (Incl. Ref. #1-4, 7, 9, 14, 17-34, 40-43 & 46)	2

*Not Illustrated

†Not serviced separately

44 ‡Note: Seal is round in shape which fits into rectangular groove in body



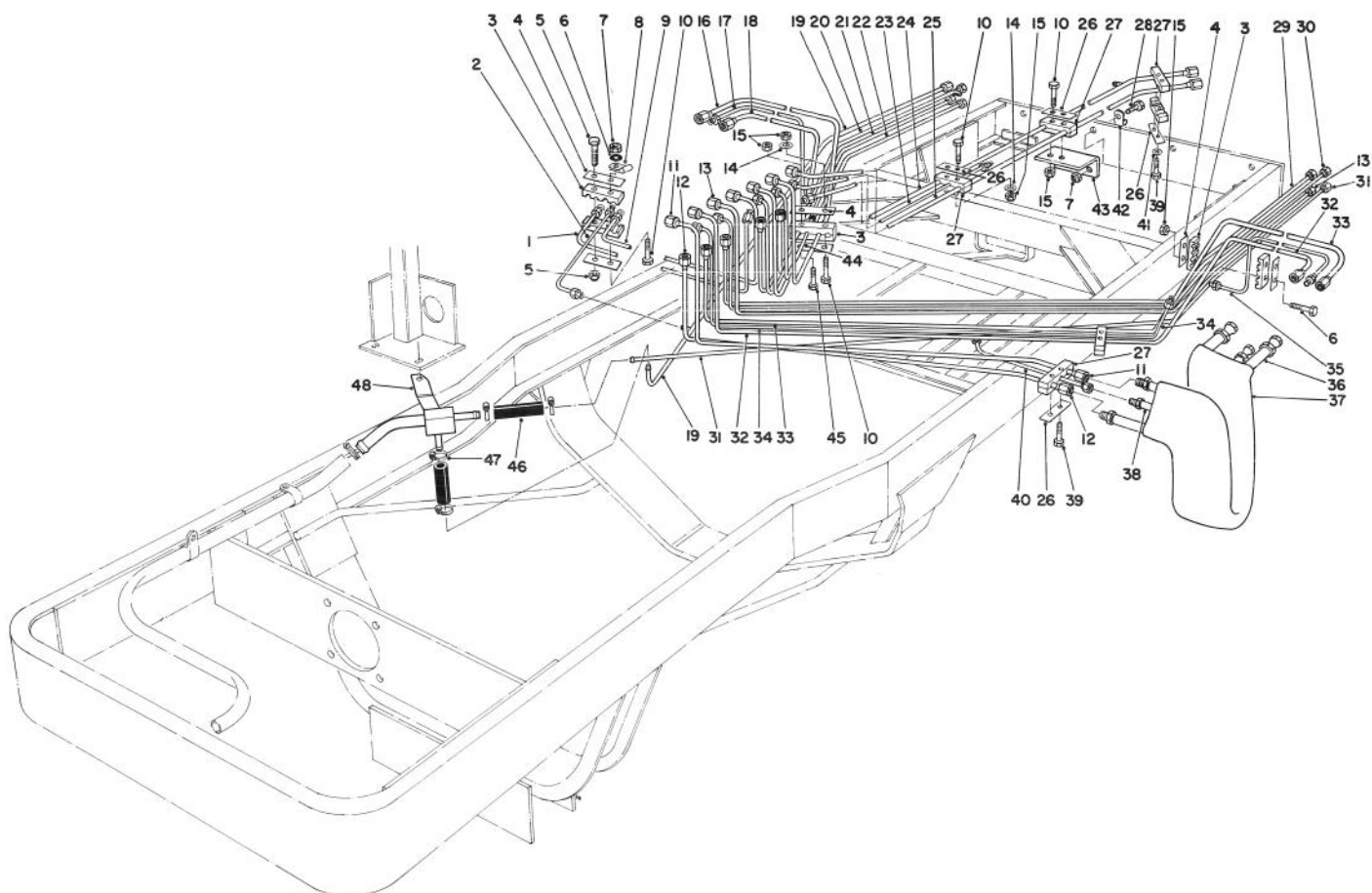
CONTROL TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37-2650	Cover — Control Tower	1
2	32140-16	Self Tapping Screw	22
3	3290-379	Cable Tie	1
4	37-2610	Switch (Incl. Ref. #19)	5
5	3251-2	Round Head Machine Screw	3
6	32149-6	Locknut	4
7	3256-53	Washer	4
8	37-2630	Fuse Panel	1
9	218-501	Washer Plastic	1
10	3290-330	Pan Hd. Machine Screw	4
11	37-2640	End Panel	2
12	37-4280	Decal — Switch Control	1
*†13		Fuse 12 Amp	5
14	37-4310	Decal Danger & Warning	1
15	2412-4	Support Clamp	1
16	233-49	Knob	1
17	249-28	Latch Clip	1
18	3290-227	Lockwasher	1
19	218-500	Jam Nut	5

Ref. No.	Part No.	Description	No. Used
20	37-4870	Decal — Caution	1
21	322-3	Capscrew	1
22	2412-74	Support Clamp	1
23	3256-23	Plain Washer	1
24	37-2690	Capacitor	1
25	32152-8	Locknut	4
26	3211-2	Capscrew	4
27	38-2880	Wire	1
28	3254-1	Lockwasher	3
29	3290-111	Pan Head Machine Screw	2
30	3-3868	Ground Wire	2
31	3296-29	Locknut	1
32	38-2860	Resistor 5 OHM	1
33	3296-12	Locknut	3
34	3254-1	Lockwasher	2
35	55-8140	Relay — Power	1
36	32108-96	Screw — Flat Hd.	2
37	55-8160	Wire Assembly	1
38	38-8050	Control Panel Access	1

†Obtain locally.

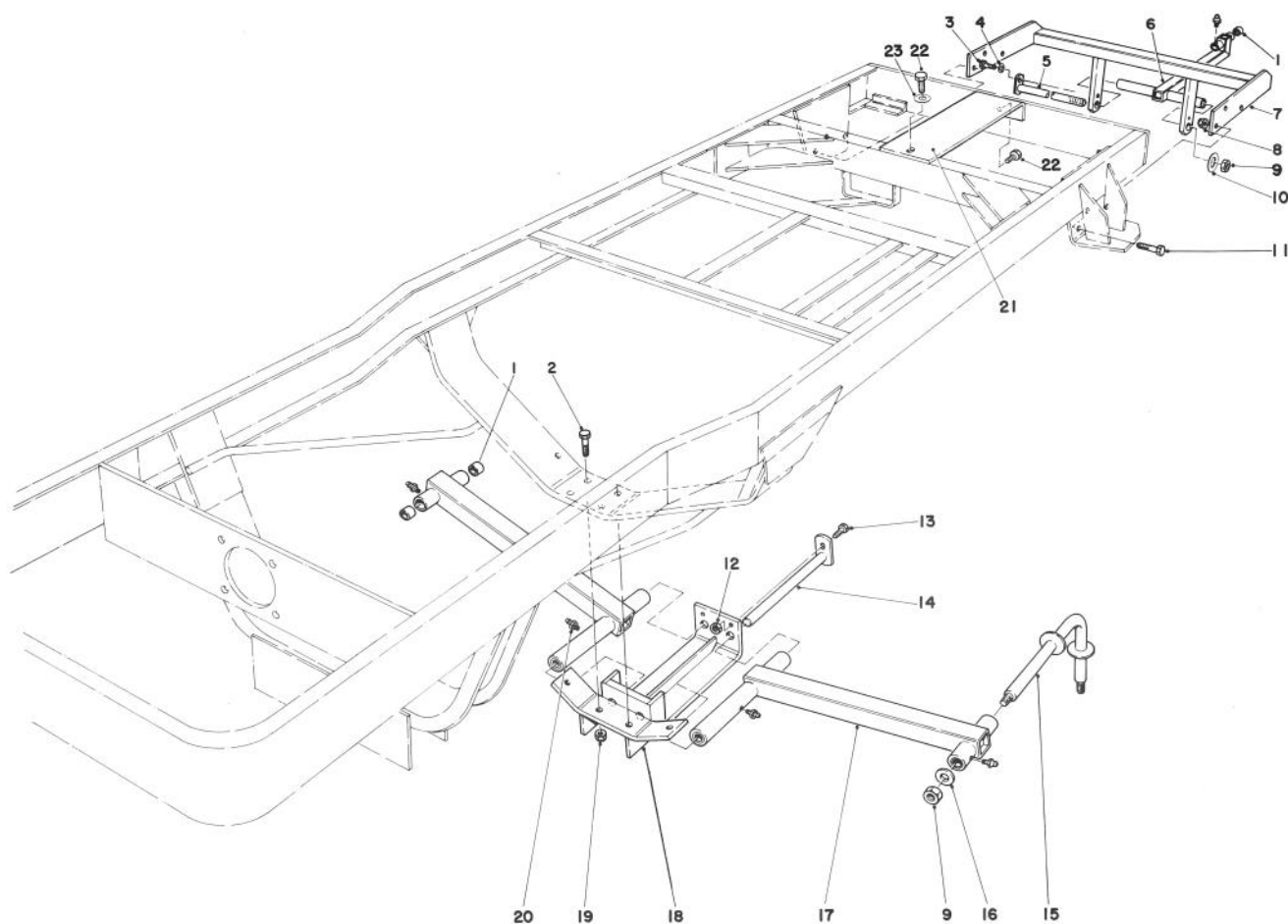
*10 AMP fuse may be used.



CUTTING UNIT AND MOTOR RETURN AND DRAIN LINES

Ref. No.	Part No.	Description	No. Used
1	37-1850	#3 Cutting Unit Pressure Line	1
2	37-1810	#3 Motor Drain Line	1
3	37-3080	Clamp Hydraulic Tubing	8
4	37-3090	Plate — Rubber Clamp	8
5	322-10	Capscrew	6
6	3256-24	Washer	1
7	32153-2	Locknut	2
8	18-2970	Clip	1
9	37-1860	#3 Cutting Unit Return Line	1
10	322-12	Capscrew	6
11	37-1870	#2 Cutting Unit Return Line	1
12	37-2020	#2 Cutting Unit Pressure Line	1
13	37-2000	#4 Cutting Unit Return Line	1
14	3256-23	Washer	3
15	3296-47	Locknut	12
16	37-1990	#7 Cutting Unit Return Line	1
17	37-1840	#7 Motor Drain Line	1
18	37-1980	#7 Cutting Unit Pressure Line	1
19	44-8580	Drain Line Manifold R.H.	1
20	37-1940	#5 Cutting Unit Pressure Line	1
21	37-1950	#5 Cutting Unit Return Line	1
22	37-1960	#5 Cylinder Return Line	1
23	37-1820	#1 Cylinder Return Line	1
24	37-2030	#1 Cutting Unit Cylinder Pressure Line	1

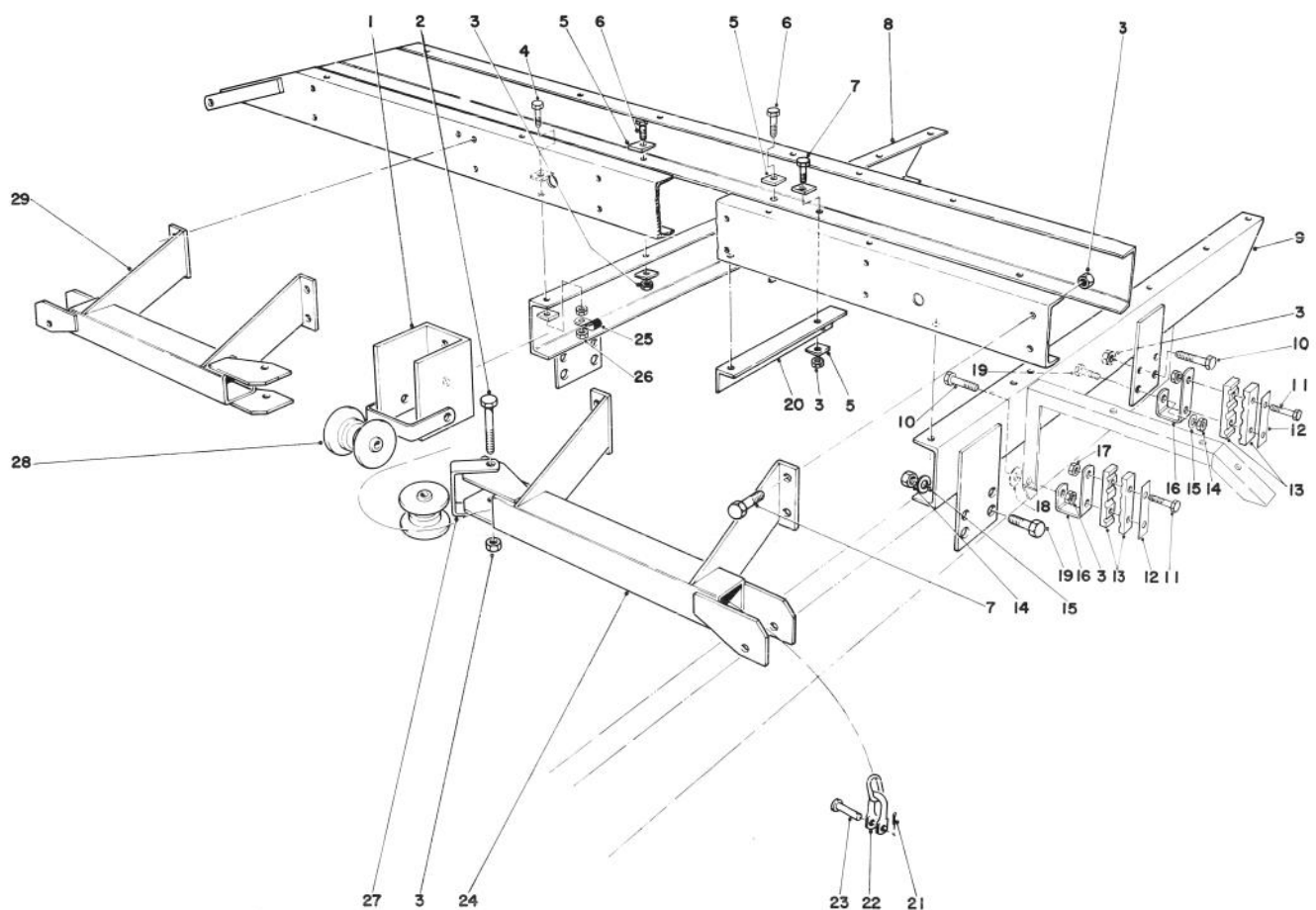
Ref. No.	Part No.	Description	No. Used
25	37-2040	#1 Cutting Unit Return Line	1
26	37-2380	Plate — Rubber Clamp	5
27	37-2390	Clamp — Hydraulic Tube	8
28	323-5	Capscrew	1
29	37-2010	#4 Cutting Unit Pressure Line	1
30	37-1930	#4 Cylinder Return Line	1
31	44-8590	Drain Line Manifold L.H.	1
32	37-1970	#6 Cutting Unit Return Line	1
33	37-1900	#6 Cutting Unit Pressure Line	1
34	37-1700	#6 Cylinder Return Line	1
35	37-1830	#6 Motor Drain Line	1
36	37-2930	Hose Assembly Reel Motor	4
37	44-8530	Sleeve Protector	2
38	37-2920	Hose Assy. — Drain Line	2
39	32104-37	Hex Hd. Self Tapping Screw	6
40	37-1800	#2 Drain Line	1
41	3254-2	Lockwasher	2
42	2412-70	Clamp	1
43	37-3100	Bracket Tube Support #1 Rear	1
44	37-1690	#7 Cylinder Return Line	1
45	322-10	Capscrew	2
46	44-8610	Hose Hyd. (Manifold Line to Connector Tee)	2
47	2412-36	Clamp — Hose	4
48	44-8620	Connector Tee	1



DRAWBAR ASSEMBLY NO. 1, 2 AND 3 POSITION

Ref. No.	Part No.	Description	No. Used
1	3-0348	Bushing	18
2	327-22	Capscrew	4
3	322-3	Capscrew	1
4	3253-4	Lockwasher	1
5	37-2760	Pin - Bail Lift	1
6	26-8390	Lift Arm (Incl. Ref. #1)	1
7	26-8270	Pivot Support	1
8	3296-51	Locknut	6
9	32153-10	Locknut	4
10	28-2480	Washer	1
11	328-24	Capscrew	6
12	32153-3	Locknut	2

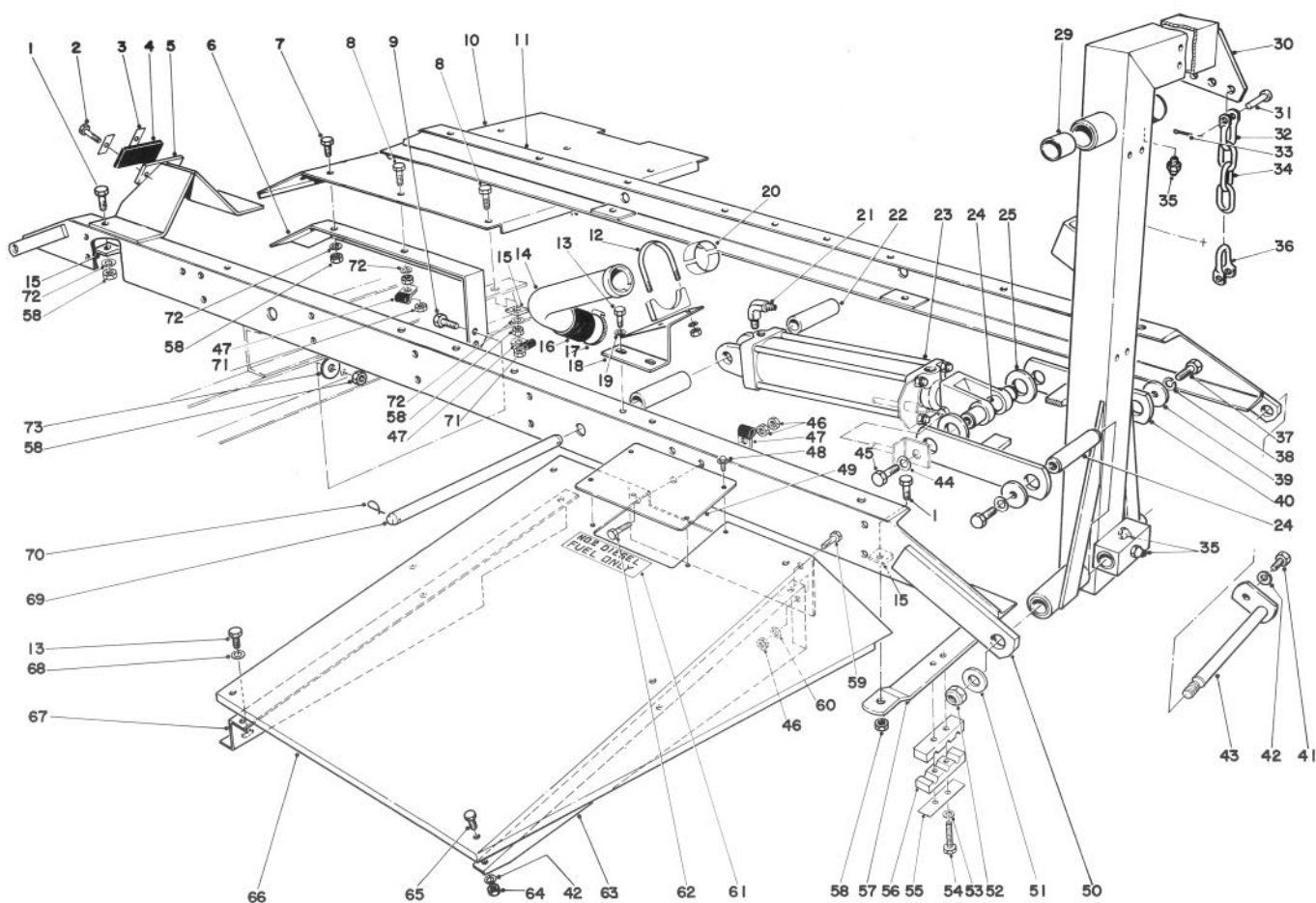
Ref. No.	Part No.	Description	No. Used
13	322-6	Capscrew	2
14	26-8250	Lift Arm Pin	2
15	26-8310	Lift Bail Pin	3
16	3-8448	Washer	3
17	26-8340	Lift Arm (Incl. Ref. #1)	2
18	26-8160	Lift Arm Support	1
19	3296-24	Locknut	4
20	302-5	Grease Fitting	6
21	18-2620	Plate Cylinder Rest	1
22	32104-6	Self Tapping Screw	2
23	3256-24	Washer	1



MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-0112	Sheave Bracket	1
2	325-18	Capscrew	5
3	32153-5	Locknut	25
4	325-10	Capscrew	2
5	3290-216	Bevel Washer	12
6	325-8	Capscrew	2
7	325-6	Capscrew	14
8	3-4608	Side Channel Right	1
9	3-4606	Side Channel Left	1
10	325-7	Capscrew	3
11	322-10	Capscrew	6
12	37-3090	Plate Rubber Clamp	3
13	37-3080	Clamp Hydraulic Tube	6
14	3217-11	Nut	6
15	3253-8	Lockwasher	6

Ref. No.	Part No.	Description	No. Used
16	37-4100	Support Clamp	3
17	3296-47	Locknut	6
18	3-1615	Spacer	1
19	327-4	Capscrew	6
20	26-8580	Chain Support	1
21	3272-10	Cotter Pin	2
22	5-2942	Shackle	2
23	283-10	Pin	2
24	3-6690	Side Mower Tube L. H.	1
25	2412-70	R-Clamp	2
26	3218-5	Jam Nut	2
27	3-0136	Chain Keeper	5
28	3-2196	Sheave	5
29	3-6680	Side Mower Tube R. H.	1

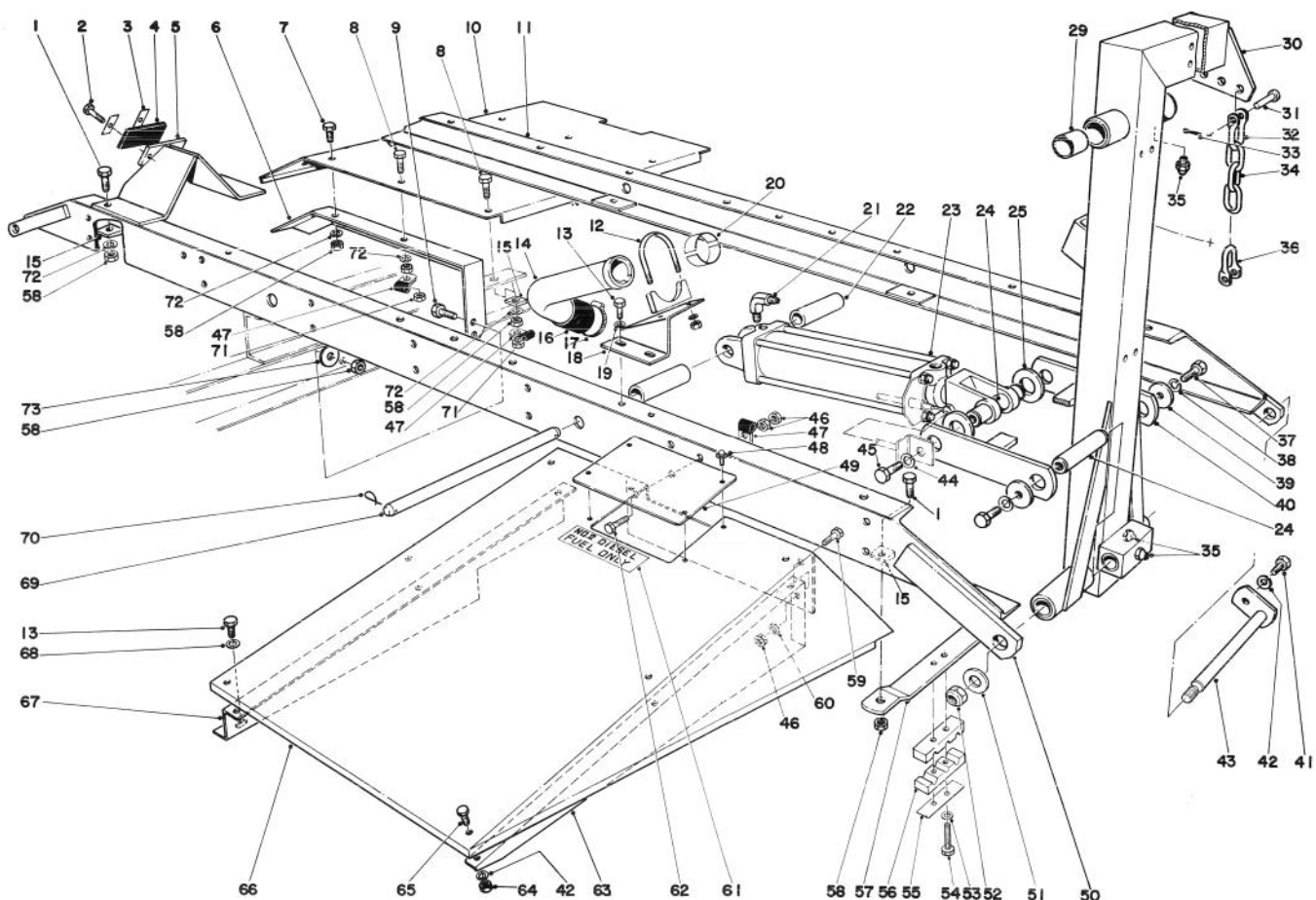


MAIN FRAME ASSEMBLY-FRONT

Ref. No.	Part No.	Description	No. Used
1	325-6	Capscrew	8
2	3290-319	Machine Screw	4
3	11-5270	Washer Bumper	4
4	11-4590	Bumper Pad	A/R
5	11-5630	Stop	2
6	3-6520	Mud Guard Bracket	4
7	325-3	Capscrew	12
8	325-8	Capscrew	4
9	325-7	Capscrew	2
10	3-4596	Mud Guard R. H.	1
*	3-4597	Mud Guard L. H.	1
11	37-2840	Front Cross Channel Rear	1
12	18-8590	Clamp Fuel Tank Extension	1
13	32104-6	Screw Self Tapping	4
14	18-2410	Fill Tube	1
15	3290-216	Bevel Washer	12
16	18-2790	Extension Hose - Fill Tube	1
17	2412-42	Hose Clamp	2
18	18-2420	Bracket - Fill Tube	1
19	3256-24	Washer	2
20	18-8600	Saddle - Fuel Tank Extension	2
21	5-6560	Elbow 90°	4
22	20-4390	Tube Spacer	4

Ref. No.	Part No.	Description	No. Used
23	22-7530	Cylinder	2
24	3-0128	Shaft	4
25	3256-30	Washer	4
29	3-0348	Bushing	16
30	37-2800	Arm Long #6 (Incl. Ref. #29)	1
*	37-2810	Arm Long #7 (Incl. Ref. #29)	1
31	283-10	Pin	4
32	5-2942	Shackle	2
33	3272-10	Cotter Pin	4
34	3-4636	Chain	2
35	302-5	Grease Fitting	6
36	8-0280	Shackle	2
37	3211-4	Capscrew	6
38	3253-5	Lockwasher	6
39	5-1720	Washer	6
40	23-2610	Link	2
41	322-3	Capscrew	2
42	3253-4	Lockwasher	12
43	37-2760	Pin Bail Lift	2
44	3256-27	Washer	4
45	7-4152	Shoulder Bolt	2
46	3217-7	Nut	6
47	2412-70	Clamp	9

*Not Illustrated

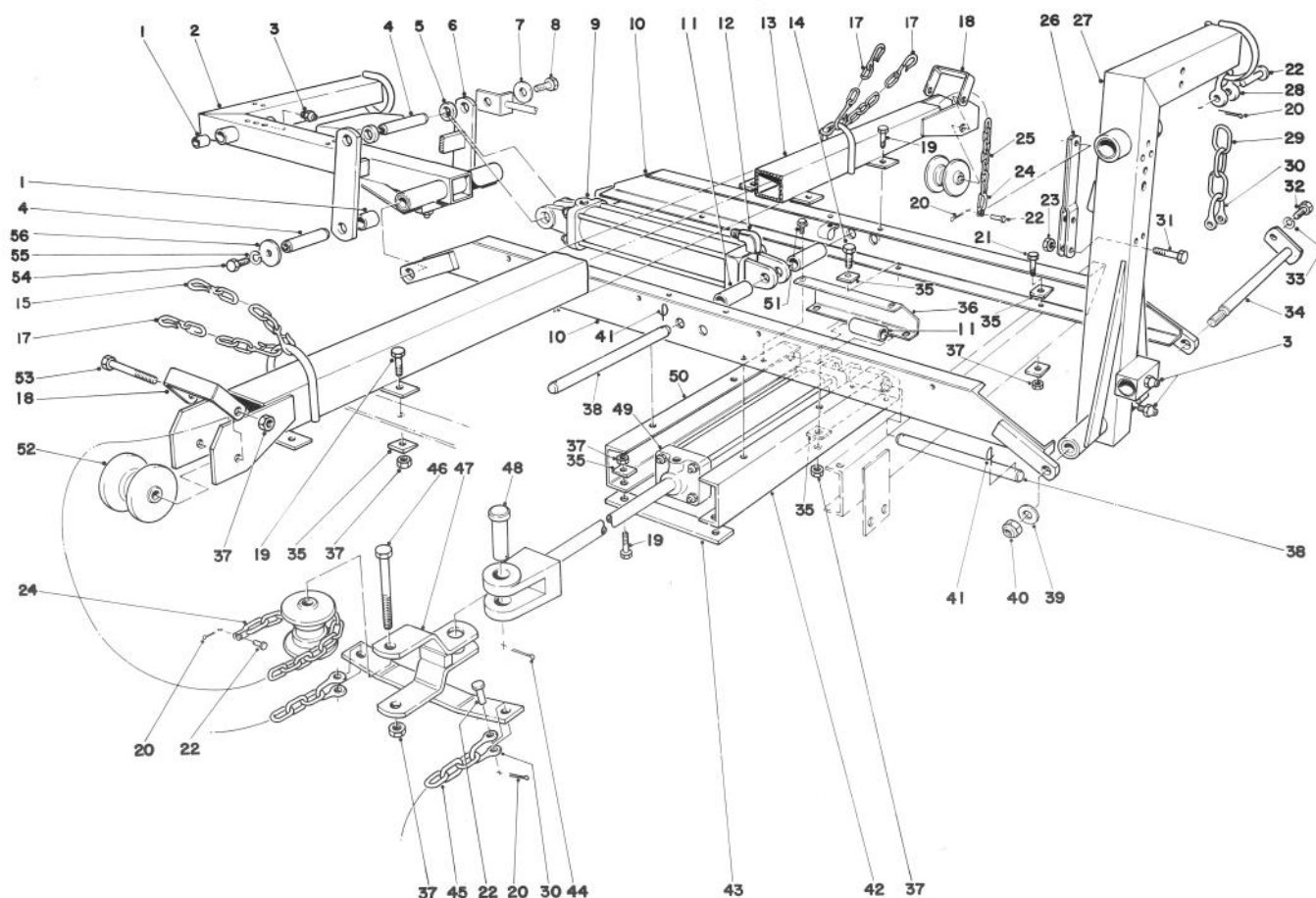


MAIN FRAME ASSEMBLY-FRONT (Continued)

Ref. No.	Part No.	Description	No. Used
48	32104-77	Self Tapping Screw	8
49	21-5610	Cover Fender	2
50	37-2860	Front Cross Channel Front	1
51	28-2480	Washer	2
52	32153-10	Locknut	2
53	3254-2	Lockwasher	4
54	32104-37	Hex Hd. Self Tapping Screw	4
55	37-2380	Plate — Rubber Clamp	2
56	37-2390	Clamp Hydraulic Tube	4
57	37-2910	Cylinder Rest	2
58	32153-5	Locknut	21
59	323-6	Capscrew	5
60	3253-21	Lockwasher	5
61	19-3700	Decal — Diesel Fuel	1

Ref. No.	Part No.	Description	No. Used
62	323-8	Capscrew	1
63	5-2262	Brace Fender	2
64	3217-6	Nut	12
65	322-2	Capscrew	12
66	21-5480	Fender L. H.	1
*	21-5490	Fender R. H.	1
67	5-2263	Mount Fender	1
68	3256-26	Washer	2
69	3-0144	Shaft	2
70	5-3126	Spring Pin	4
71	3218-5	Jam Nut	7
72	3253-7	Lockwasher	12
73	3-1615	Spacer	2

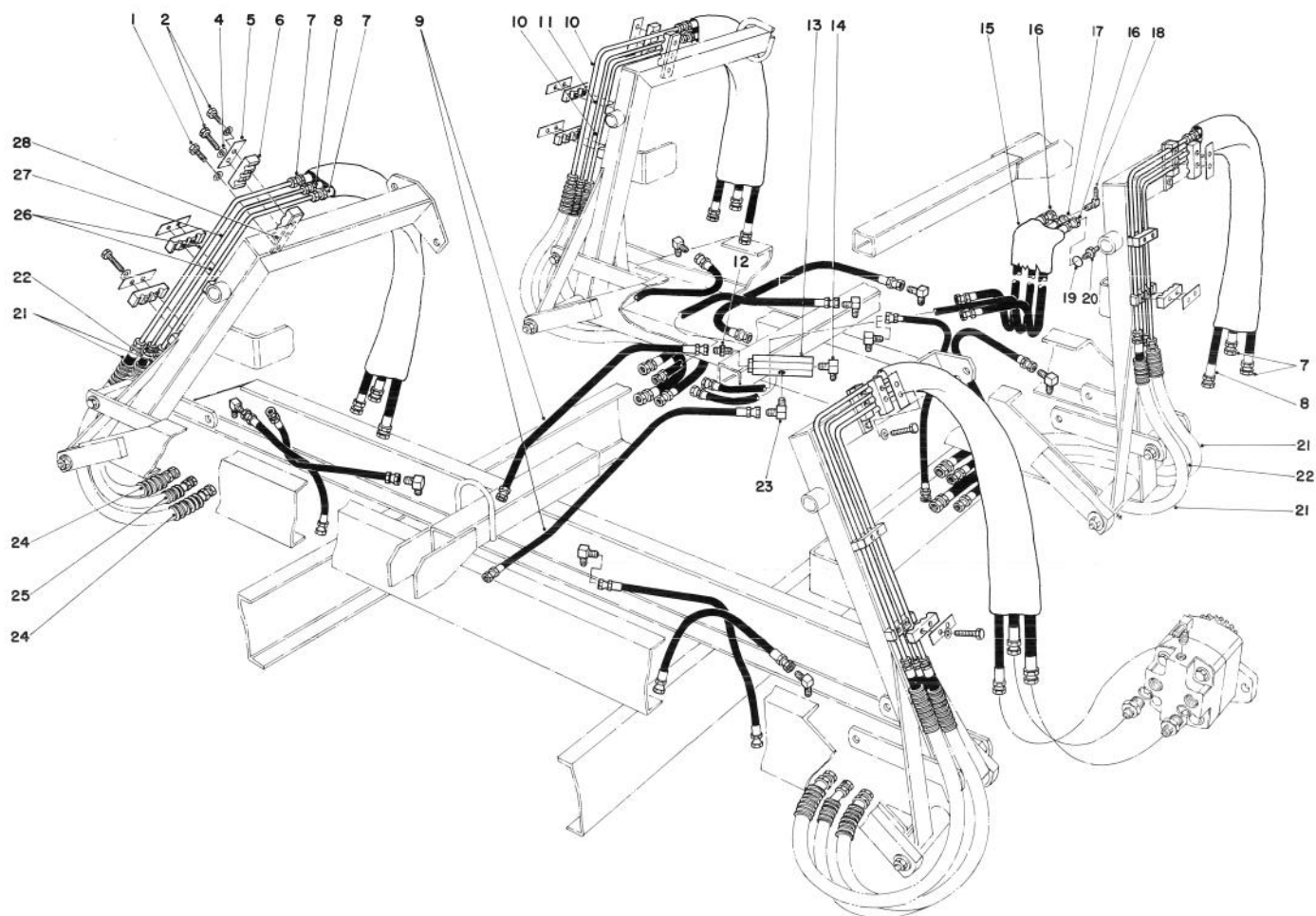
*Not Illustrated



MAIN FRAME ASSEMBLY-REAR

Ref. No.	Part No.	Description	No. Used
1	3-0348	Bushing	16
2	37-2890	Arm Short #5 (Incl. Ref. #1)	1
3	302-5	Grease Fitting	6
4	3-0128	Shaft	4
5	3256-30	Washer	4
6	23-2610	Link	2
7	3256-27	Washer	4
8	7-4152	Shoulder Bolt	2
9	22-7520	Hydraulic Cylinder	2
10	8-1280	Rear Cross Channel	2
11	20-4390	Tube Spacer	6
12	5-6560	Elbow 90°	5
13	26-8460	Channel Brace	1
14	325-7	Capscrew	4
15	61-4200	Chain	1
17	61-4180	Chain	3
18	3-0136	Chain Keeper	2
19	325-6	Capscrew	10
20	3272-10	Cotter Pin	10
21	325-8	Capscrew	4
22	283-10	Pin	10
23	32153-2	Nut	1
24	5-2942	Shackle	2
25	26-8540	Lift Chain	1
26	26-8370	Lift Chain Bracket	1
27	37-2880	Arm Short #4 (Incl. Ref. #1)	1
28	282-13	Chain Shackle	2
29	3-4636	Chain	2

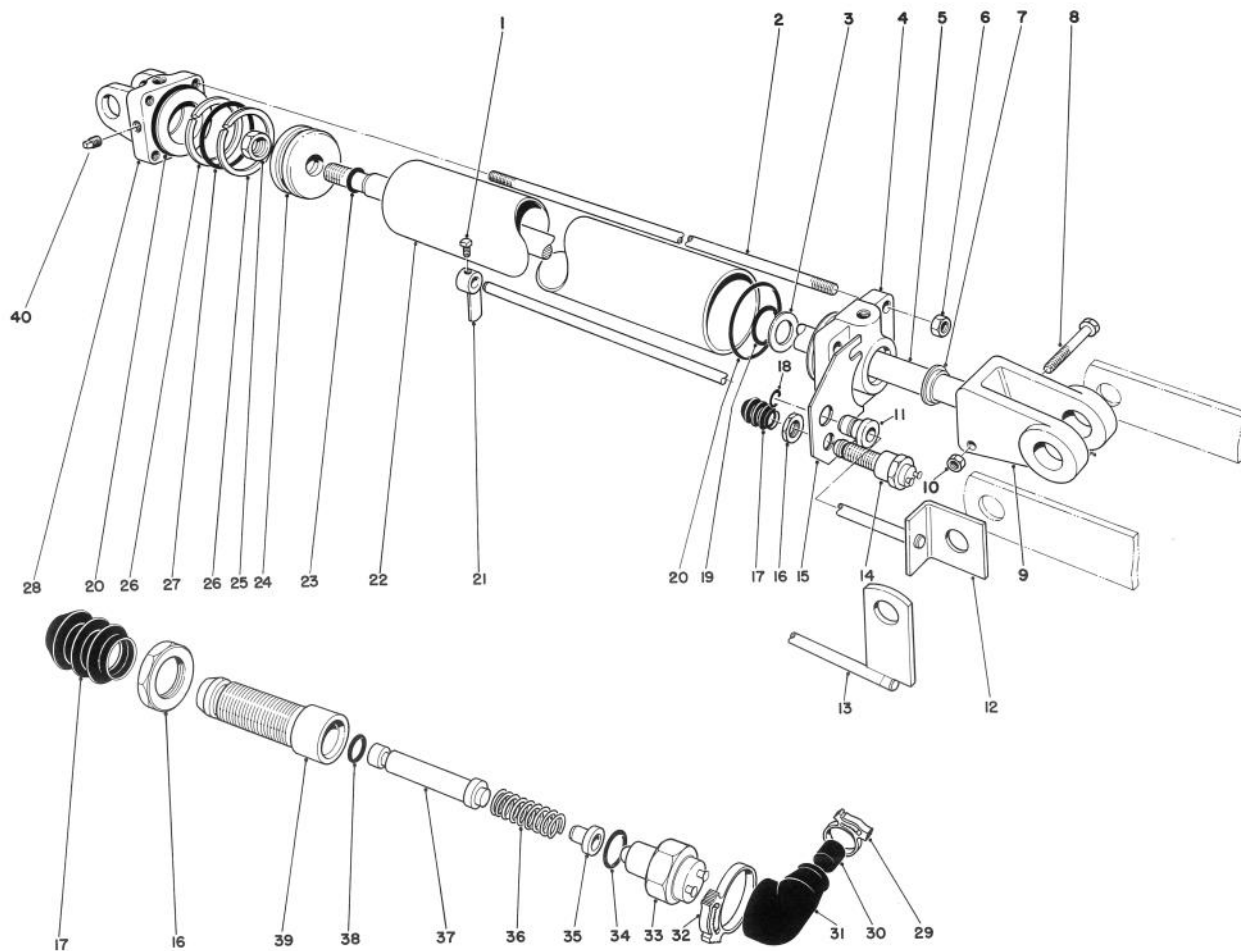
Ref. No.	Part No.	Description	No. Used
30	8-0280	Shackle	4
31	323-8	Capscrew	1
32	322-3	Capscrew	2
33	3253-4	Lockwasher	2
34	37-2760	Pin - Bail Lift	2
35	3290-216	Bevel Washer	18
36	42-3550	Cover - Cylinder Mounts	1
37	32153-5	Locknut	12
38	3-0144	Shaft	3
39	28-2480	Washer	2
40	32153-10	Locknut	2
41	5-3126	Pin Spring	6
42	26-8490	Channel L. H.	1
43	26-9690	Cylinder Rest	1
44	3272-13	Cotter Pin	1
45	26-8530	Lift Chain	2
46	325-14	Capscrew	1
47	26-8210	Pulley Support	1
48	26-8590	Pin Cylinder	1
49	22-7530	Cylinder	1
50	37-2790	Channel R. H.	1
51	32104-17	Hex Hd. Self Tapping Screw	4
52	3-2196	Sheave	3
53	325-18	Capscrew	2
54	3211-4	Capscrew	6
55	3253-5	Lockwasher	6
56	5-1720	Washer	6



HYDRAULIC LINES REEL MOTOR'S CYLINDER ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	32104-32	Hex Hd. Self-Tapping Screw	4
2	32144-58	Hex Hd. Self-Tapping Screw	24
4	3254-2	Lockwasher Int. Tooth	28
5	37-2380	Plate – Tube Clamp	12
6	37-2390	Clamp Hydraulic Tube	24
7	37-2930	Hose – Reel Motor	8
8	37-2920	Hose – Drain Line	4
9	37-4140	Hose Assembly Cylinders	11
10	37-1780	Line Assy. #4 & #5 Cutting Unit	4
11	37-1770	Line Assembly #4 & #5 Cutting Unit	2
12	353-693	Fitting Straight	1
13	36-9780	Check Valve	1
14	353-692	Elbow 90°	1
15	44-8530	Sleeve Protector	5

Ref. No.	Part No.	Description	No. Used
16	37-4150	Hose Assy. #1 Reel Motor	2
17	37-4160	Hose Assy. #1 Drain Line	1
18	353-622	90° Fitting	1
19	237-81	"O" Ring Hydraulic	2
20	353-620	Straight Connector	2
21	37-2940	Hose Assy. Center Pivot	8
22	37-2950	Hose Assy. Center Pivot	4
23	5-6560	Elbow 90°	1
24	37-4290	Hose Protector	8
25	37-4300	Hose Protector – Drain Line	4
26	37-1760	Line Assy. #6 & #7 Cutting Unit	4
27	37-1750	Line Assy. #6 & #7 Cutting Unit	2
28	42-4850	Bracket	4



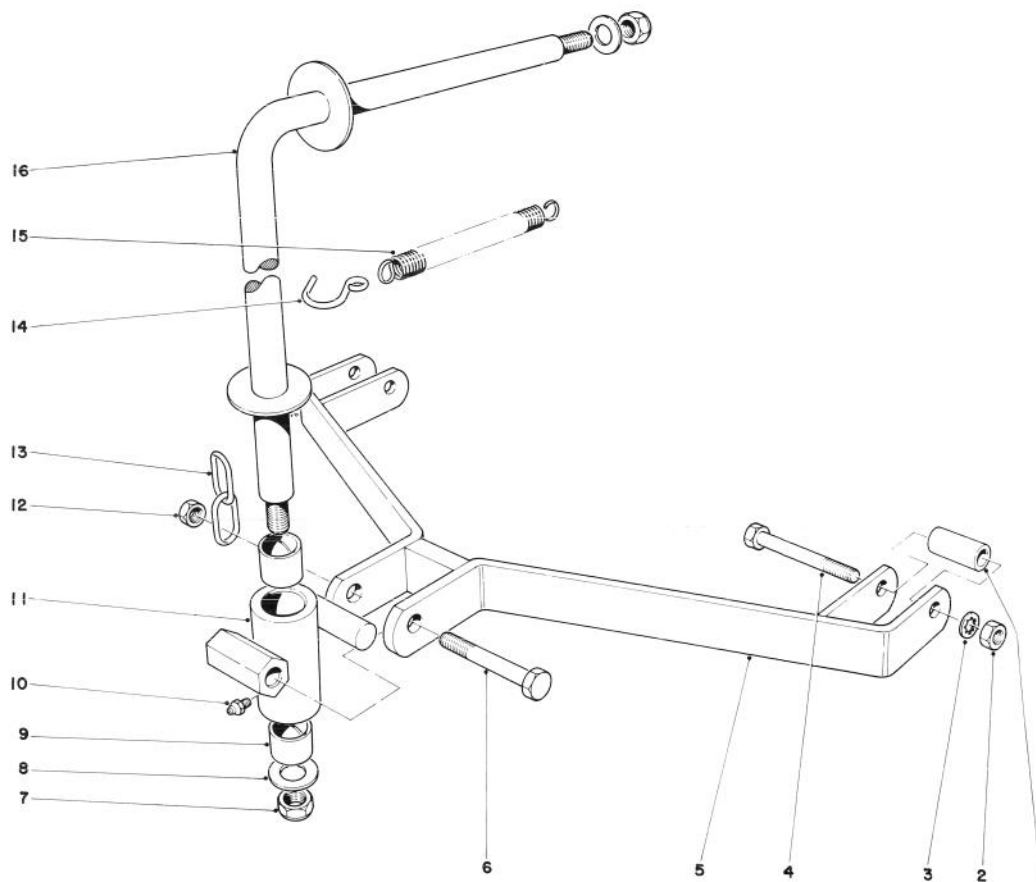
10" AND 12" CYLINDERS

Ref. No.	Part No.	Description	No. Used
1	3242-1	Set Screw	1
2	22-8670	Tie Rod 10"	4
*	22-8710	Tie Rod 12"	4
3	22-8650	Back Up Washer	1
4	22-8630	Head	1
5	22-8610	Piston Rod 10"	1
*	22-8690	Piston Rod 12"	1
6	3217-9	Nut	4
7	22-8660	Wiper Ring Seal	1
8	322-11	Capscrew	1
9	22-8680	Clevis	1
10	32153-3	Locknut	1
11	40-6970	Sleeve	1
12	37-2110	Shaft Extension (#4, 5-6 & 7 Cylinders only)	1
13	37-2140	Plate Limit Cylinder (#1 Cylinders only)	1
14	44-1070	Limit Switch Assy. (Incl. Ref. #16-17 & 33-39)	1
15	37-2100	Bracket Switch Mounting	1
16	218-461	Jam Nut	1
17	43-8870	Boot Switch	1
18	32151-50	Snap Ring	1
19	22-8640	"O" Ring Seal	1

Ref. No.	Part No.	Description	No. Used
20	22-8550	"O" Ring Seal	2
21	37-2160	Hub Limit Switch	1
22	22-8620	Barrel 10"	1
*	22-8700	Barrel 12"	1
23	22-8600	"O" Ring Seal	1
24	22-8590	Piston	1
25	22-8560	Locknut	1
26	22-8580	Back Up Washer	2
27	22-8570	"O" Ring Seal	1
28	22-8540	Butt-End Cap	1
29	2412-97	Clamp	1
30	44-8520	Plug — Rubber	1
31	218-331	Boot	1
32	2412-85	Clamp	1
33	38-0430	Switch — Neutral	1
34	237-30	"O"-Ring	1
35	43-8610	Guide — Spring & Ball Seat	1
36	43-8600	Spring — Compression	1
37	43-8860	Plunger Switch	1
38	237-7	"O"-Ring	1
39	43-8620	Guide — Switch Pin	1
40	281-2	Plug — Sq. Hd.	1
*	22-2870	Seal Kit (Incl. Ref. #3, 7, 19, 20, 23, 26 & 27)	1

*Not Illustrated

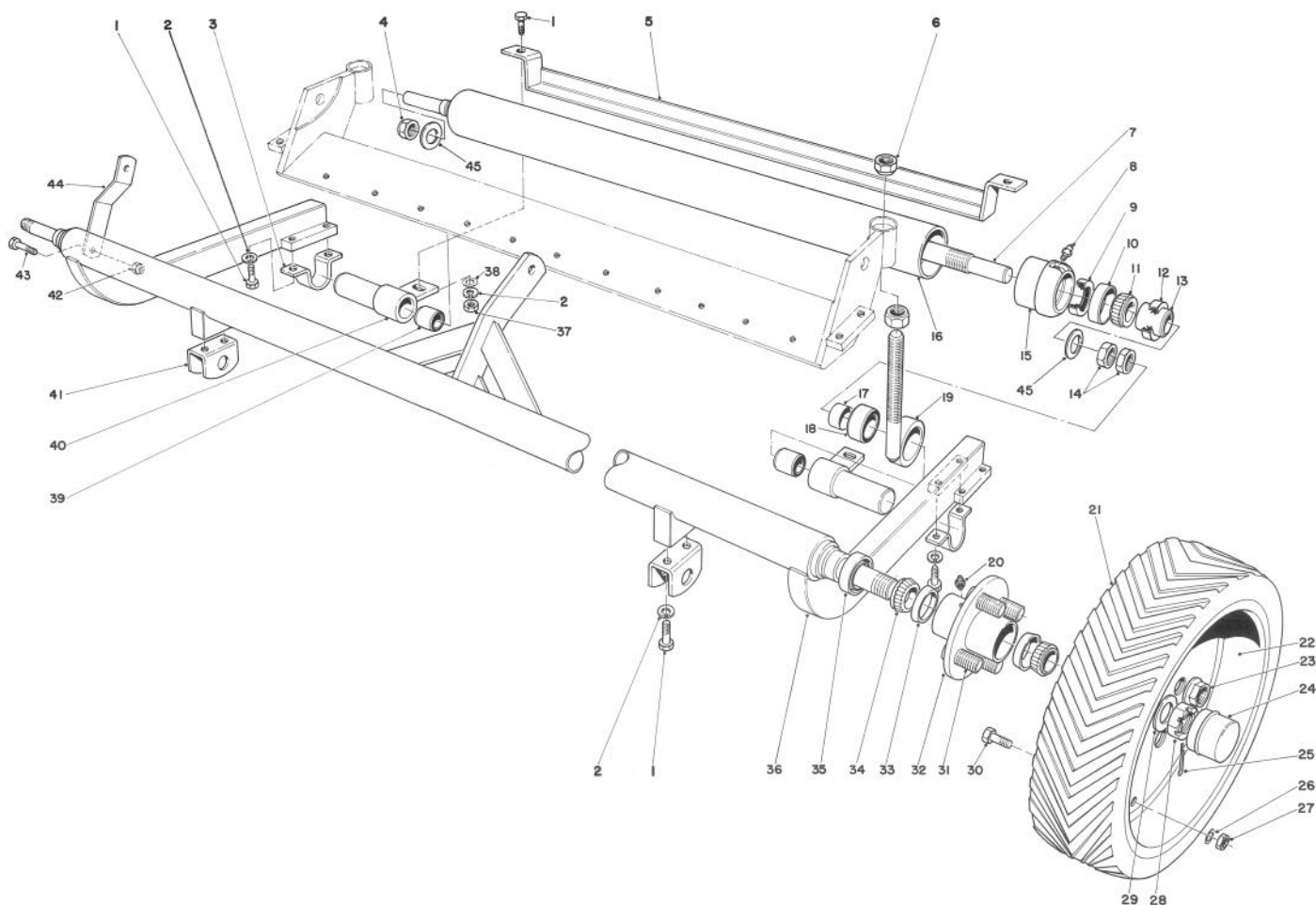
Note: Quantities indicated are for one cylinder.



DRAWBAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-1091	Spacer	14
2	3217-9	Nut	14
3	3254-4	Lockwasher	14
4	325-14	Capscrew	14
5	3-9280	Drawbar	7
6	325-17	Capscrew	7
7	32153-10	Locknut	14
8	3-8448	Washer	14
9	3-0348	Bushing	14

Ref. No.	Part No.	Description	No. Used
10	302-5	Grease Fitting	7
11	1-6559	Bushing Housing (Incl. Ref. #9)	7
12	32153-5	Locknut	7
13	3-0293	Chain Link	4
14	3-2198	Hook	7
15	5-1706	Spring	7
16	28-8720	Lift Bail (4-7 Position)	4
16	26-8310	Lift Bail (1, 2 & 3 Position)	3

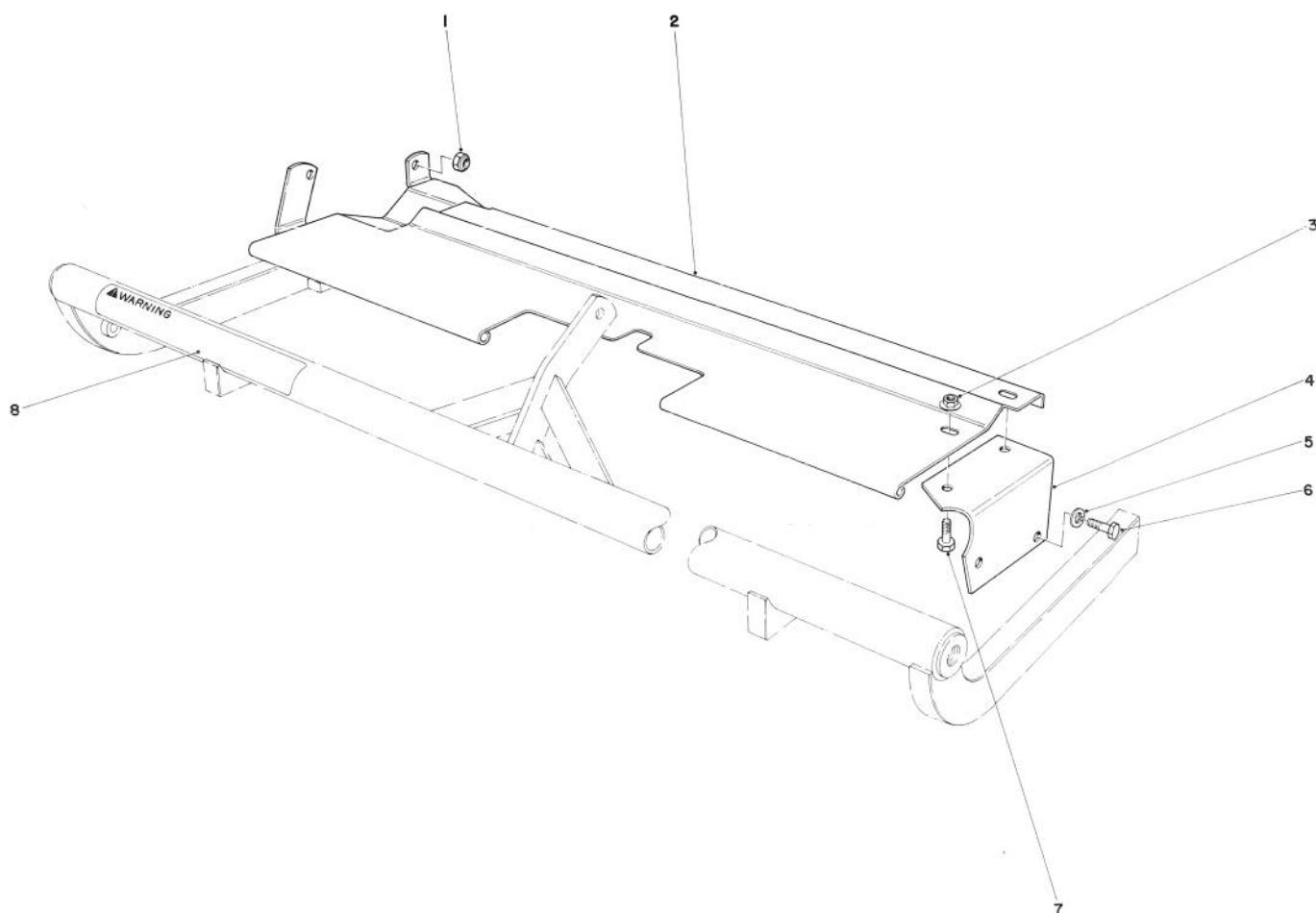


CARRIER FRAME AND ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Capscrew	14
2	3253-21	Lockwasher	14
3	29-3940	Clamp — Roller	4
4	3296-15	Locknut	1
5	37-4060	Scraper — Roller	1
6	217-104	Hex Nut Taper	4
7	8-3980	Roller Shaft	1
8	302-5	Grease Fitting	2
9	253-122	Seal	2
10	254-79	Bearing Cup	2
11	254-78	Bearing Cone	2
12	253-117	Seal	2
13	5-4523	Sleeve	2
14	3220-7	Jam Nut	2
15	4-5659	End Cap — Rear Roller (Incl. Ref. #8)	2
16	8-3990	Roller Assembly (Incl. Ref. #4, 7-15 & 45)	1
17	42-2590	Bushing — Nylon	2
18	42-0330	Bushing	2
19	42-0270	Rod End	2
20	302-55	Grease Fitting	2
21	234-26	Tire	2
22	42-2240	Wheel Half	4

Ref. No.	Part No.	Description	No. Used
23	32128-15	Nut — Flanged	8
24	242-72	Dust Cap	2
25	3272-13	Cotter Pin	2
26	3253-4	Lockwasher	8
27	3217-6	Nut	8
28	32136-5	Nut Slotted	2
29	3256-28	Washer	2
30	322-2	Capscrew	8
31	242-71	Serrated Shoulder Bolt	8
32	42-2200	Wheel Hub Assy. (Incl. Ref. #20, 31 & 33)	2
33	254-79	Bearing Cup	4
34	254-78	Bearing Cone	4
35	253-125	Bearing Seal	2
36	42-0280	Carrier Frame	1
37	3217-7	Nut	2
38	3256-24	Washer	2
39	37-7350	Roller Bushing	2
40	42-0340	Shaft Extension	2
41	37-3490	Bracket Drawbar	2
42	32152-9	Locknut	1
43	324-23	Capscrew	1
44	42-0300	Bracket Cutting Unit Support	1
45	47-7510	Washer	2

Note: Quantities indicated are for one carrier frame assembly.

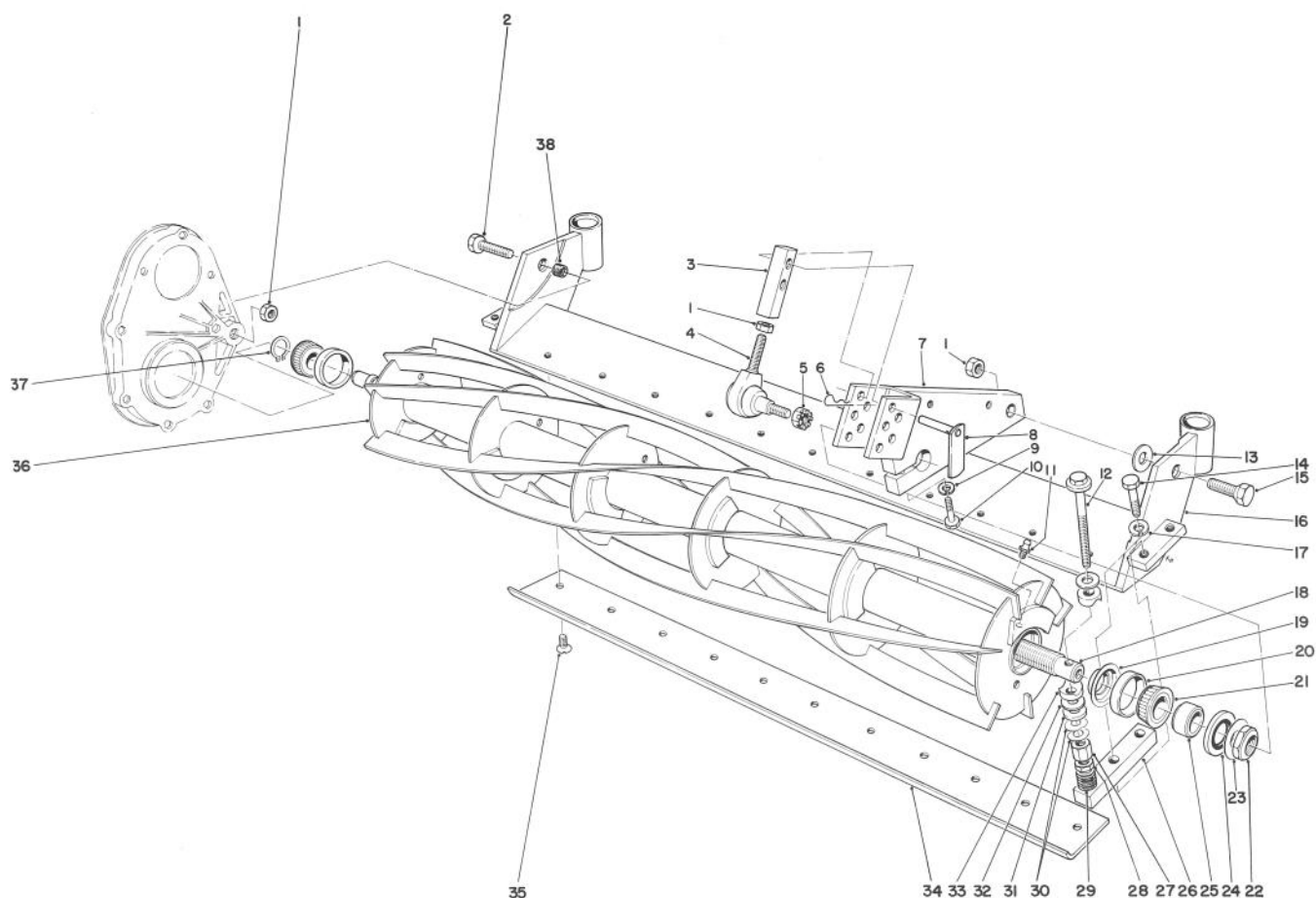


GRASS SHIELD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-39	Locknut	2
2	37-3440	Grass Shield	1
3	32128-13	Flanged Locknut	2
4	37-3500	Bracket Grass Shield	1

Ref. No.	Part No.	Description	No. Used
5	3253-24	Lockwasher	2
6	322-2	Capscrew	2
7	322-3	Capscrew	2
8	27-2890	Warning Decal	1

Note: Quantities indicated are for one cutting unit.

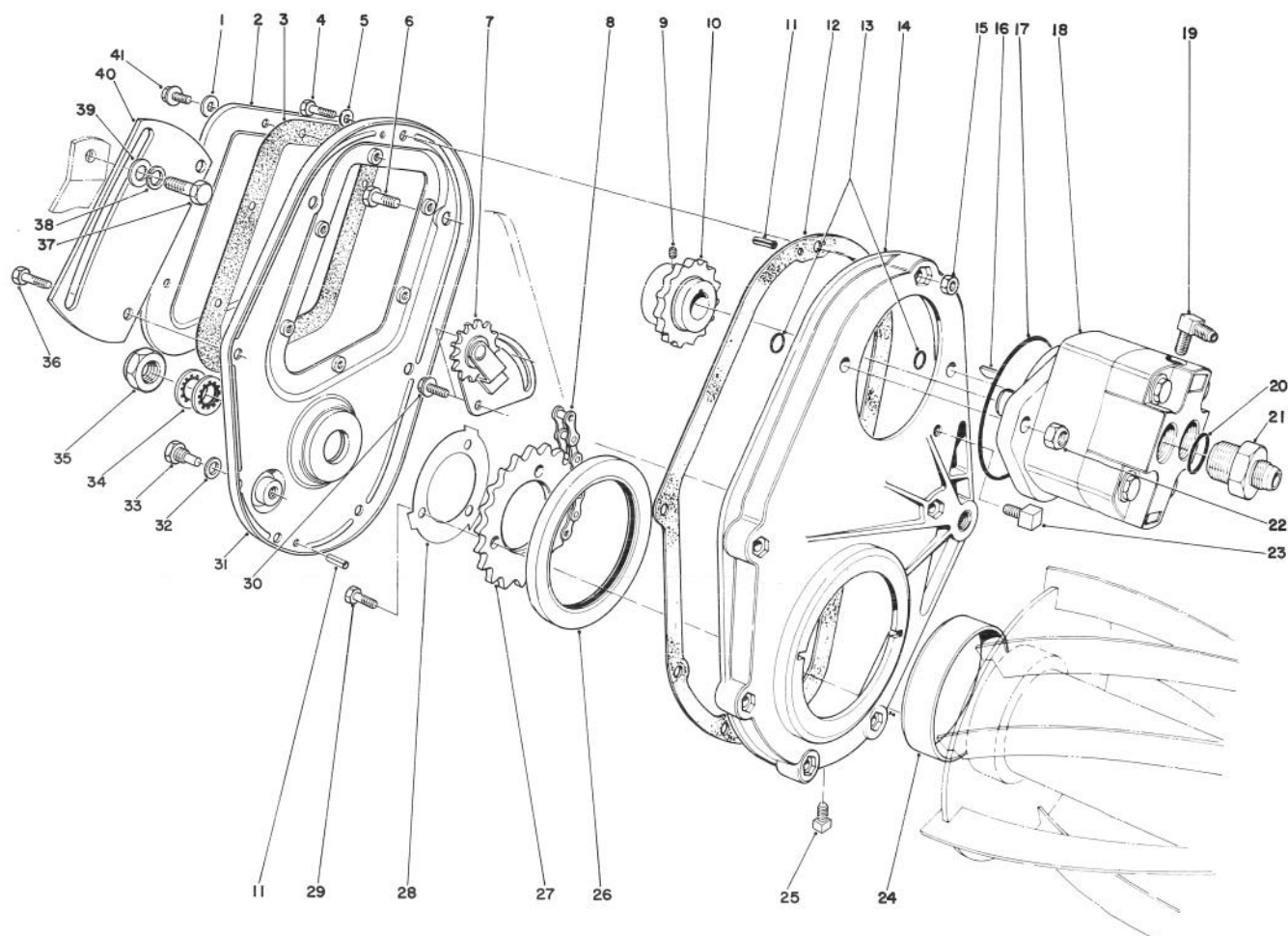


REEL AND BED BAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-5	Jam Nut	3
2	29-3720	Taper Bolt	1
3	42-2140	Bar Height of Cut	1
4	21-0140	Socket Assembly	1
5	32136-4	Slotted Nut	1
6	3290-255	Hair Pin Cotter	1
7	29-3680	Reel Side Plate	1
8	43-8640	Pin Height of Cut	1
9	3253-24	Lockwasher	1
10	322-6	Capscrew	1
11	302-5	Grease Fitting	1
12	42-2210	Screw Reel Adjustment	2
13	29-3990	Washer	1
14	323-7	Capscrew	4
15	29-3730	Taper Bolt L.H.	1
16	39-0670	Bed Bar	1
17	3253-21	Lockwasher	4
18	29-3420	Reel Shaft	1
19	29-3440	Grease Retainer	1
20	254-79	Bearing Cup	2
21	254-78	Bearing Cone	2
22	3296-15	Locknut	1
23	37-0230	Washer Seal Protecting	1
24	253-117	Seal	1

Ref. No.	Part No.	Description	No. Used
25	5-4038	Wear Sleeve	1
26	29-3920	Block — Reel Adjustment	2
27	3219-3	Nut	2
28	3220-3	Jam Nut	2
29	36-4680	Protector — Adjustment Screw	2
30	3290-414	Washer — Belleville	4
31	29-3910	Thrust Washer	2
32	251-273	Thrust Bearing	4
33	29-3930	Thrust Washer	4
34	39-0730	Bedknife	1
35	57-4910	Screw Special	11
36	33-5040	Complete Reel Assembly (Incl. Ref. #11, 18-25 & 37)	1
37	32120-93	Retaining Ring	1
*	42-3330	Reel Adjusting Wrench	1
*	51-0880	Bed Knife Screw Tool	1
*	49-1440	Wear Ring/Seal Installation Tool	1
*		Reel Motor Seal Installation Tools	1
*	20-0120	Alignment Tool Assembly	1
*	29-9100	Backlapping Brush Assembly	1
*	36-3060	Remote Backlapping Kit	1

*See special tools pages 70-71.

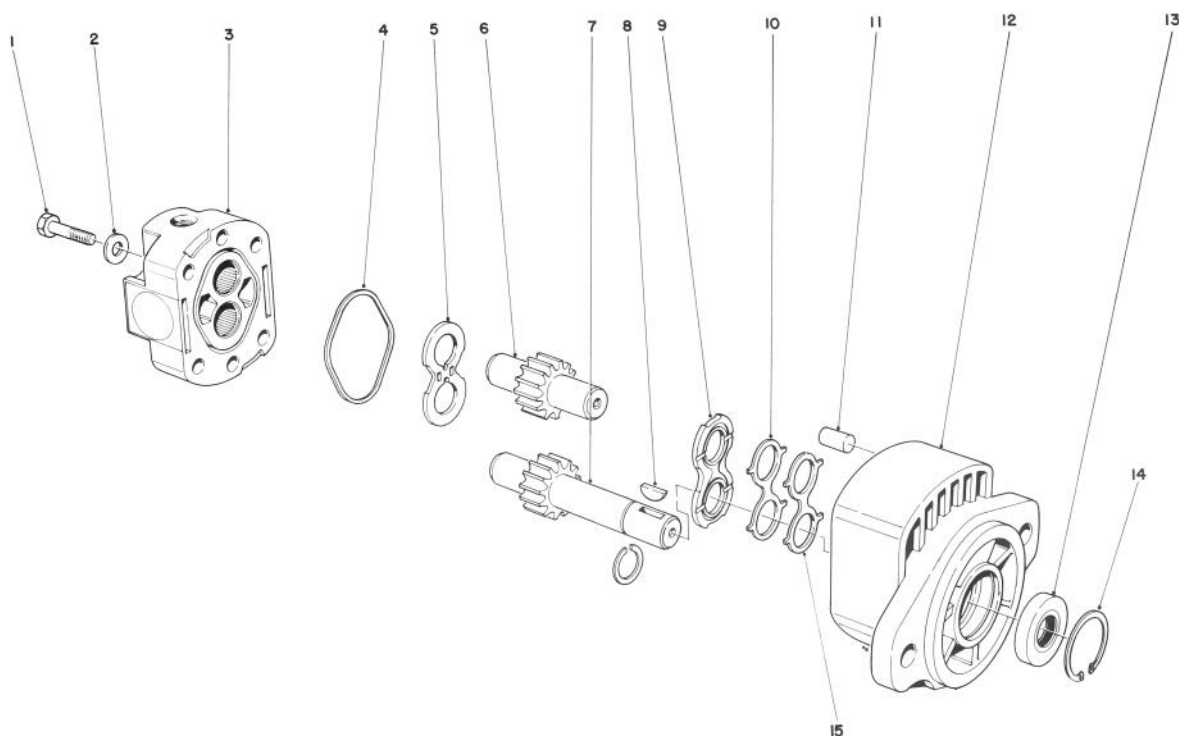


CHAIN CASE AND GEAR MOTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-3970	Washer — Polyethylene	6
2	46-8720	Inspection Cover	1
3	46-8750	Gasket Inspection Cover	1
4	321-8	Capscrew	1
5	3256-22	Washer	5
6	323-12	Capscrew	2
7	46-8700	Chain Idler	1
8	44-9640	Chain Roller	1
9	3246-3	Set Screw	2
10	46-8760	Sprocket Driver	1
11	48-1720	Pin — Solid	2
12	46-7080	Gasket	1
13	237-22	O-Ring	2
14	29-3450	Chain Case	1
15	32153-4	Locknut	6
16	3257-3	Woodruff Key	1
17	237-99	O-Ring	1
18	36-9820	Motor Hydraulic	1
19	353-622	90° Fitting	1
20	237-81	O-Ring	2
21	353-620	Straight Connector	2

Ref. No.	Part No.	Description	No. Used
22	3296-39	Locknut	2
23	281-7	Plug Pipe	1
24	36-9920	Sleeve — Wear	1
25	281-12	Pipe Plug	1
26	253-141	Seal	1
27	44-9650	Sprocket — Driven	1
28	29-3480	Locking Clip	1
29	321-35	Capscrew	3
30	3234-14	Flange Screw	2
31	46-8740	Cover — Chain Case	1
32	46-7470	Washer — Sealing	1
33	42-2220	Magnetic Plug	1
34	44-8490	Washer — O-Ring	2
35	3296-15	Locknut	1
36	321-13	Capscrew	5
37	324-5	Capscrew	1
38	3253-6	Lockwasher	1
39	3256-5	Washer	1
40	42-0360	Plate — Cutting Unit	1
41	3234-13	Adjustment Flange Screw	6

Note: Quantities indicated are for one chain case assembly.



GEAR MOTOR NO. 36-9820

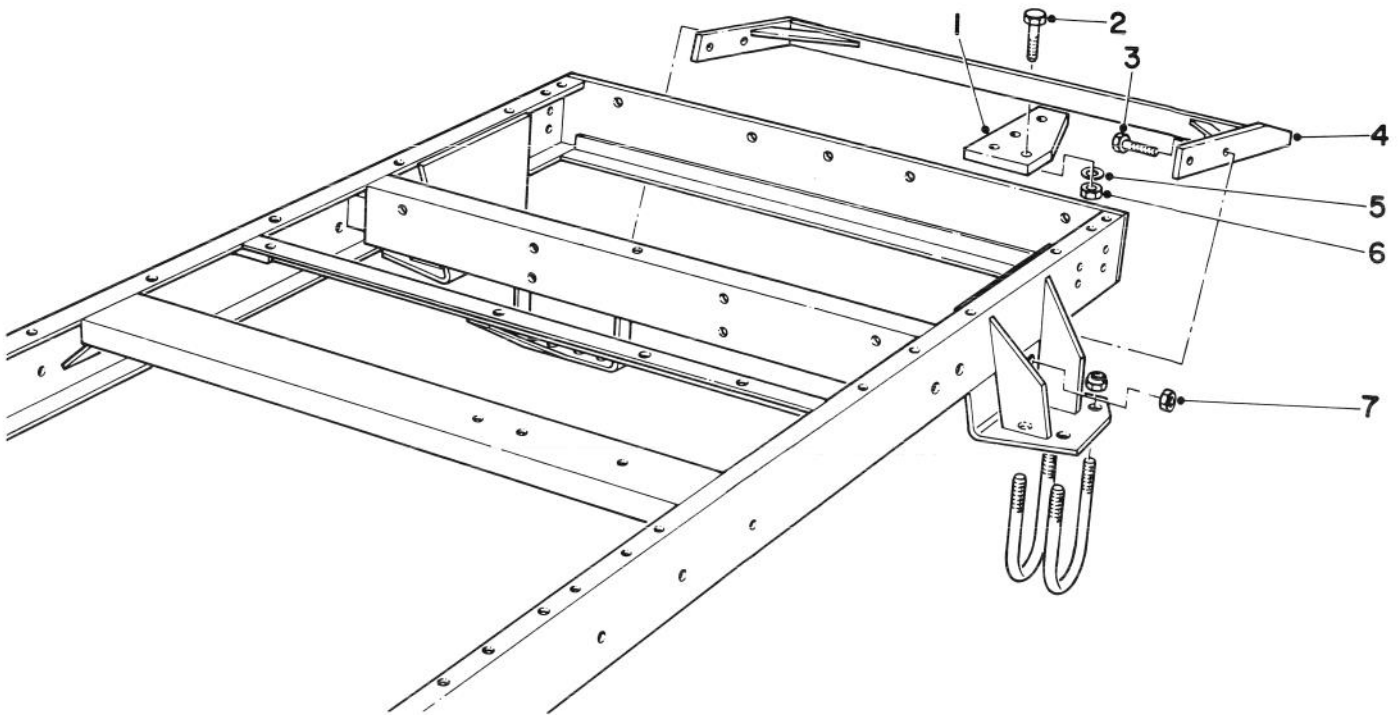
Ref. No.	Part No.	Description	No. Used
1	323-9	Capscrew	4
2	33-1490	Washer	4
3	33-1250	Cover Assembly Rear Port	1
†4		Gasket Seal	1
5	33-1130	Thrust Plate	1
6	36-9890	Driven Gear	1
7	36-9880	Drive Gear	1
8	3257-3	Woodruff Key	1
9	33-1160	Wear Plate	1

Ref. No.	Part No.	Description	No. Used
†10		Spacer	1
11	33-1180	Dowel Pin	2
12	36-9900	Body Assembly	1
13	36-9910	Shaft Seal	1
14	32151-34	Retaining Ring	1
†15		Nylatron Seal	1
*	33-5100	Seal Repair Kit (Incl. Ref. #4, 8, 10, 13 & 15)	1

*Not Illustrated

†Items only available in Seal Repair Kit No. 33-5100.

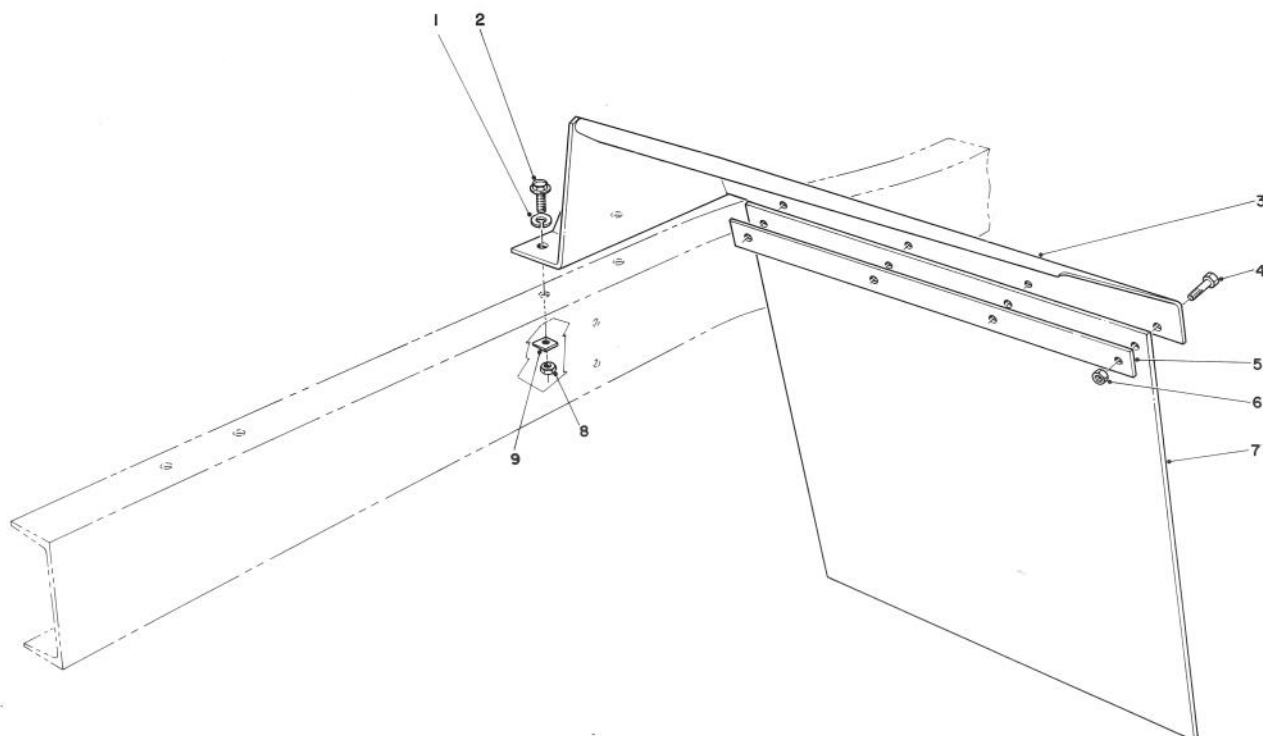
Note: Quantities indicated are for one Gear Motor Assembly.



DRAWBAR KIT (Optional)

Ref. No.	Part No.	Description	No. Used
1	3-3218	Hitch	1
2	328-2	Capscrew	2
3	3216-12	Capscrew	4
4	26-9250	Drawbar	1

Ref. No.	Part No.	Description	No. Used
5	3253-9	Lockwasher	2
6	3217-12	Nut	2
7	3296-50	Nut	4



FRONT FENDER KIT NO. 70196 (Optional)

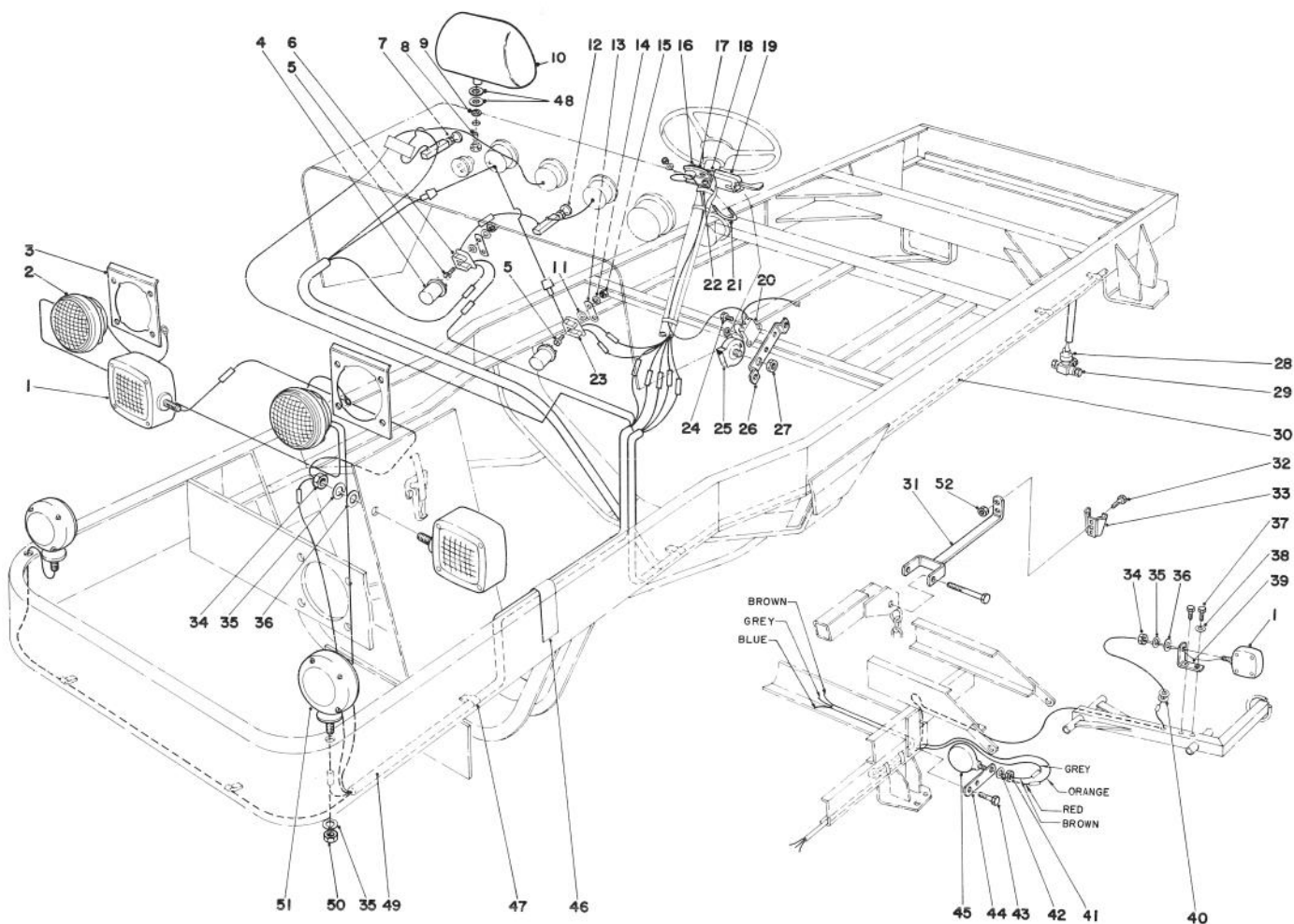
Ref. No.	Part No.	Description	No. Used
1‡	3253-7	Washer — Lock	2
2	325-5	Screw — Cap Hex. Hd.	4
3	10-2780	Fender — Left	1
*	10-2770	Fender — Right	1
4	323-6	Capscrew	8

Ref. No.	Part No.	Description	No. Used
5	10-2820	Backing — Flap	2
6	32153-2	Nut	8
7	10-2810	Flap	2
8†	32153-5	Nut — Lock	2
9†	3290-216	Washer — Bevel	2

*Not Illustrated

†Right Hand Fender Only

‡Left Hand Fender Only

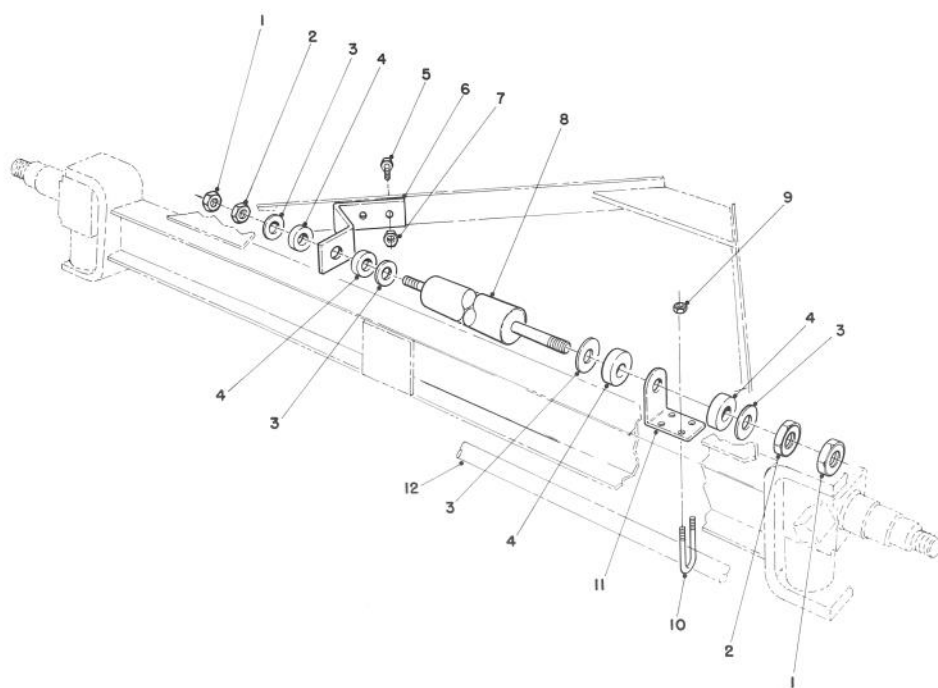


LIGHT & ROAD KIT NO. 38-6310 (Optional)

Ref. No.	Part No.	Description	No. Used
1	38-6190	Signal Lamp (SMV) (Incl. Ref. #34-36)	4
2	7-1646	Headlight	2
3	18-1010	Headlight Holder	2
4	218-456	Flasher	2
5	3252-2	Screw	2
6	38-2110	Connector Assembly	1
7	218-213	Light Switch	1
8	321-3	Capscrew	1
9	3253-3	Washer — Lock	1
10	60-9430	Mirror	1
11	19-2430	Plastic Washer	2
12	38-2130	Switch Flasher	1
13	18-4370	Flasher Connector Bracket	2
14	3253-12	Lockwasher	2
15	3217-26	Nut	2
16	18-2830	Horn Button	1
17	18-2480	Throttle Lever Support	1
18	2412-3	Hose Clamp	1
19	60-9390	Signal Controller	1
20	218-212	Horn Relay	1
21	18-2130	Clamp	1
22	18-1310	Saddle	2
23	11-6440	Flasher Connector	1
24	32104-77	Self-Tapping Screw	2
25	19-6050	Horn	1
26	18-2820	Horn Mount	1
27	32112-2	Nut	1

Ref. No.	Part No.	Description	No. Used
28	218-242	Stoplight Switch	1
29	218-243	Brake Line Tee	1
30	38-2150	Wire Harness	1
31	38-6170	Support—Slow Moving Vehicle	1
32	322-3	Capscrew	2
33	38-6200	Socket — Slow Moving Vehicle Emblem	1
34	3219-5	Nut	4
35	3253-7	Lockwasher	6
36	3256-6	Washer	4
37	32144-11	Screw Self Tapping	4
38	3256-3	Washer	2
39	18-8860	Bracket Rear	2
40	237-73	Grommet	2
41	3217-11	Nut	2
42	3253-8	Lockwasher	2
43	327-4	Capscrew	2
44	3-3402	Bracket	4
45	60-9380	Tail, Stop & Turn Light	2
46	18-8570	Wire Harness Clip	1
47	212-93	Wire Clip	13
48	3256-55	Washer	2
49	38-2140	Wire Harness	1
50	3219-19	Nut	2
51	11-6250	Front Signal Light (Incl. Ref. #35 & 50)	2
52	32146-5	Nut — Lock	2
*	62-4510	Anchor — Wire Harness	6

*Not Illustrated

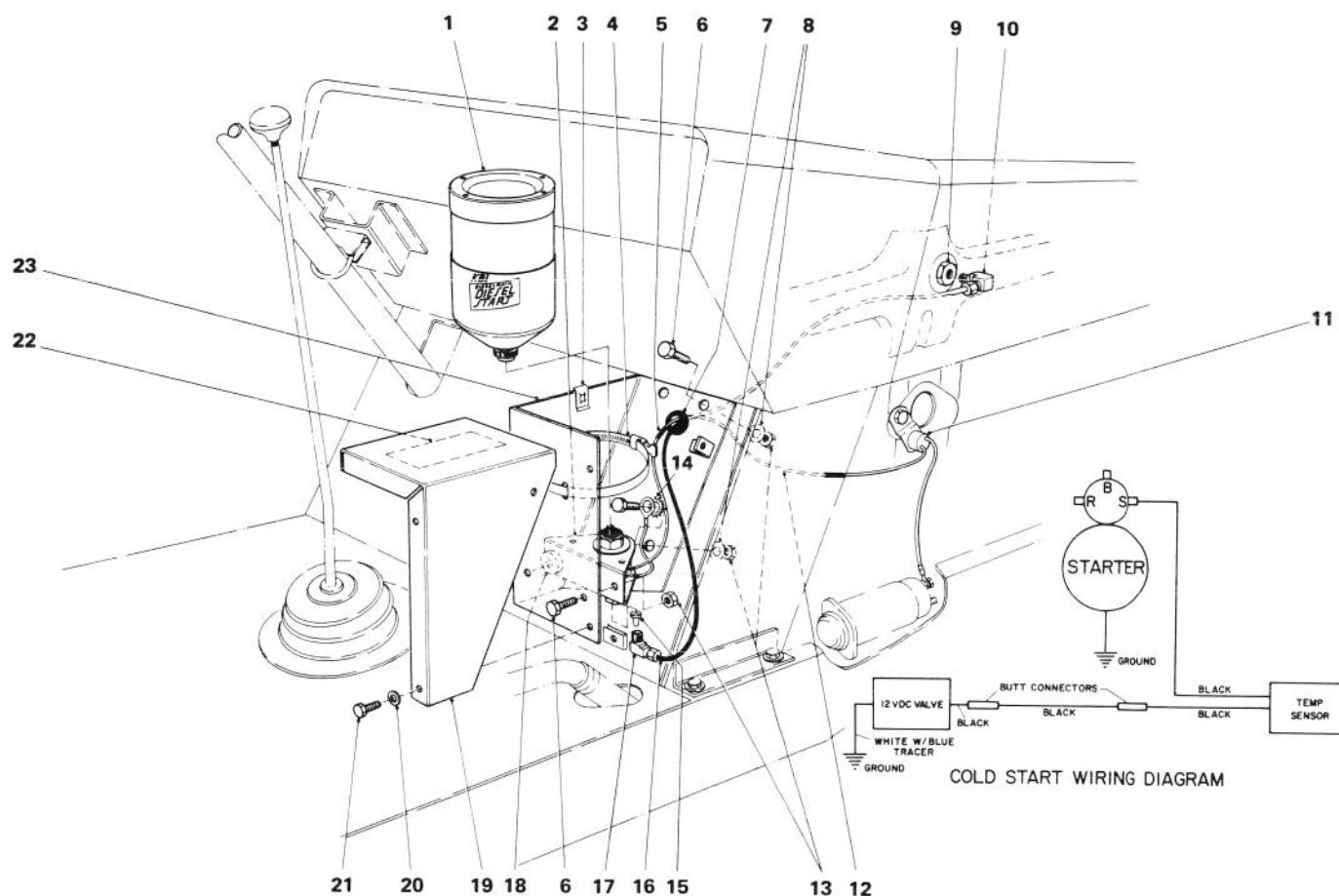


LIGHT & ROAD KIT NO. 38-6310 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-385	Locknut	2
2	3219-3	Nut	2
3	60-9460	Washer	4
4	60-9450	Bushing, Rubber	4
5	323-7	Capscrew	2
6	60-9340	Bracket, Stabilizer Mounting	1
7	32128-21	Locknut	2

Ref. No.	Part No.	Description	No. Used
8	60-9360	Stabilizer, Steering	1
9	32128-13	Locknut	4
10	60-9350	U-Bolt, Stabilizer	2
11	60-9370	Bracket	1
12		Tie Rod	1
*	60-9440	Mounting Kit, Stabilizer Hardware	1

*Not Illustrated

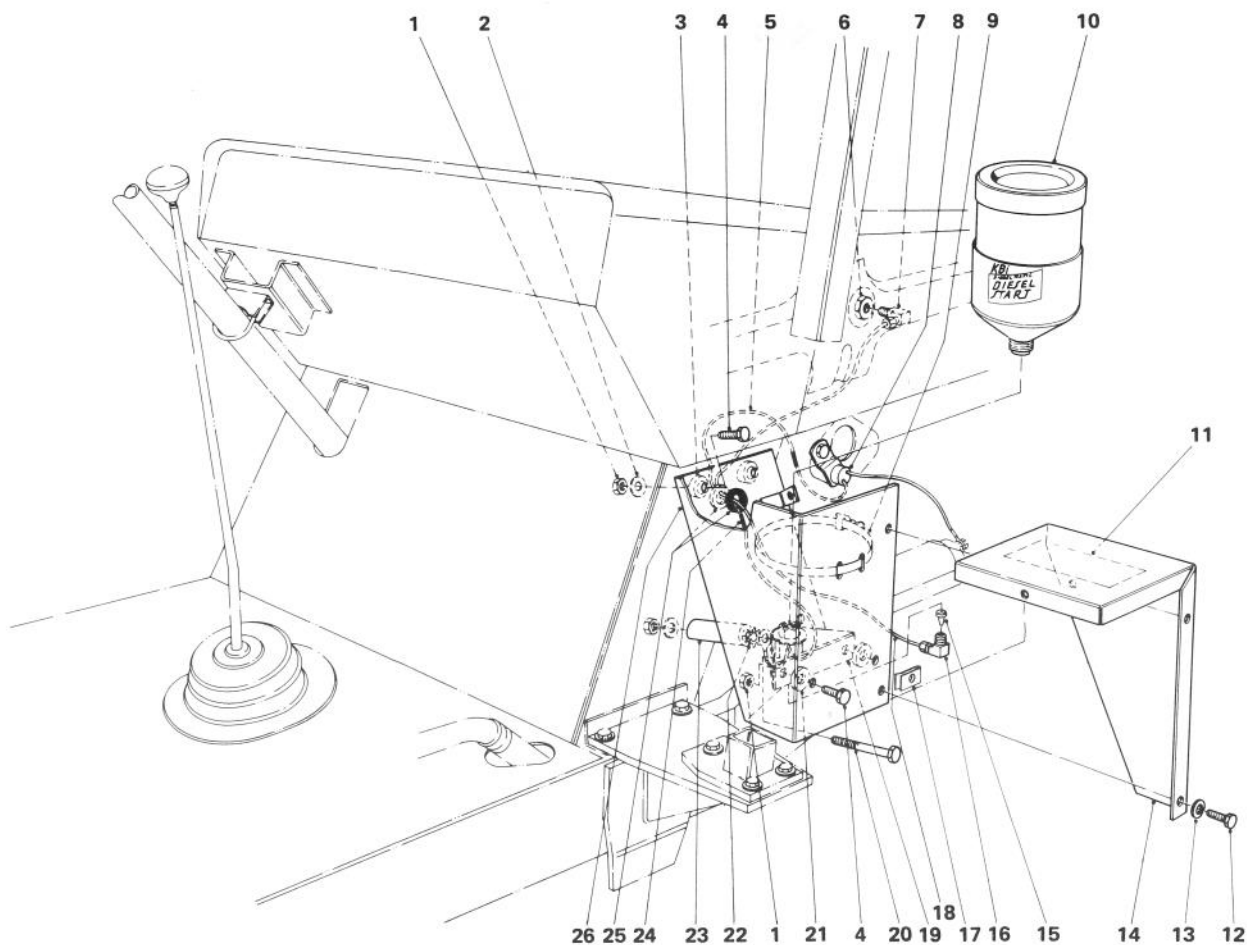


COLD START KIT MODEL NO. 44-0400 (Without Cab) (Optional)

Ref. No.	Part No.	Description	No. Used
1	11-1749	Starting Fluid Canister	1
2	43-2610	Valve Assembly — 12 Volt D.C. (Incl. Ref. #15 & 17)	1
3	3290-192	Tinnerman Nut	3
4	43-2630	Clamp — Fuel Canister	1
5	218-250	Butt Connector	2
6	321-5	Hex Hd. Capscrew	6
7	237-62	Grommet	1
8	3256-1	Plain Washer	4
9	44-0170	Plug	1
10	43-7700	Nozzle — Atomizer Manifold	1
11	43-2620	Switch — Engine Temp.	1
12	43-2670	Wire — Jumper, Valve to Temp. Sensor	1

Ref. No.	Part No.	Description	No. Used
13	3296-42	Locknut	6
14	3255-7	Lockwasher, Ext. Tooth	1
15	43-7740	Filter	1
16	43-2640	Tubing — Starting Fuel	1
17	43-7610	Fitting Assembly (Incl. Ref. #15)	1
18	7-4318	Spacer	2
19	43-6920	Cover	1
20	3253-3	Lockwasher	4
21	321-2	Hex Hd. Capscrew	4
22	43-7780	Decal — Cold Start Kit	1
23	43-6930	Mounting Plate	1
*	44-0400	Cold Start Kit — Complete	1

*Not Illustrated



COLD START KIT MODEL NO. 44-0400 (With Cab Installed) (Optional)

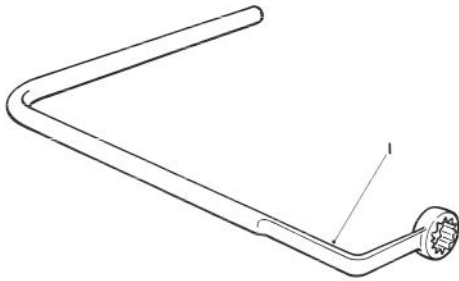
Ref. No.	Part No.	Description	No. Used
1	3296-42	Locknut	5
2	3256-1	Plain Washer	3
3	44-0190	Spacer — Top	2
4	321-5	Hex Hd. Capscrew	4
5	43-2670	Wire — Jumper, Valve to Temp. Sensor	1
6	44-0170	Plug	1
7	43-7700	Nozzle — Atomizer Manifold	1
8	43-2620	Switch — Engine Temp.	1
9	43-2630	Clamp — Fuel Canister	1
10	11-1749	Starting Fluid Canister	1
11	43-7780	Decal — Cold Start Kit	1
12	321-2	Hex Hd. Capscrew	4
13	3253-3	Lockwasher	4
14	43-6920	Cover	1

Ref. No.	Part No.	Description	No. Used
15	43-7740	Filter	1
16	43-7610	Fitting Assembly (Incl. Ref. #15)	1
17	3290-192	Tinnerman Nut	3
18	43-2640	Tubing — Starting Fuel	1
19	43-2610	Valve Assembly — 12 Volt D.C. (Incl. Ref. #15 & 16)	1
20	321-19	Hex Hd. Capscrew	1
21	7-4318	Spacer	2
22	3255-7	Lockwasher, Ext. Tooth	1
23	44-0180	Spacer — Bottom	1
24	218-250	Butt Connector	2
25	237-62	Grommet	2
26	43-6930	Mounting Plate	1
*	44-0400	Cold Start Kit — Complete	1

*Not Illustrated

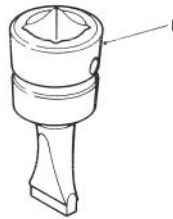
SPECIAL TOOLS

REEL ADJUSTING WRENCH NO. 42-3330



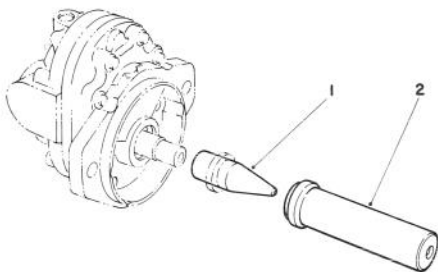
Ref. No.	Part No.	Description	No. Used
1		Wrench – Reel Adjusting	1

BED KNIFE SCREW TOOL NO. 51-0880



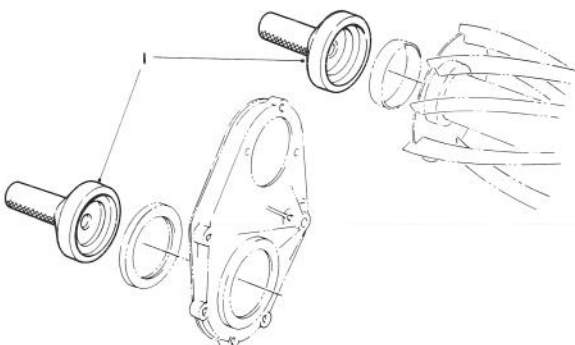
Ref. No.	Part No.	Description	No. Used
1		Tool – Bedknife Screw	1

REEL MOTOR SEAL INSTALLATION TOOLS



Ref. No.	Part No.	Description	No. Used
1	49-1420	Protector – Seal	1
2	49-1460	Installer – Seal	1

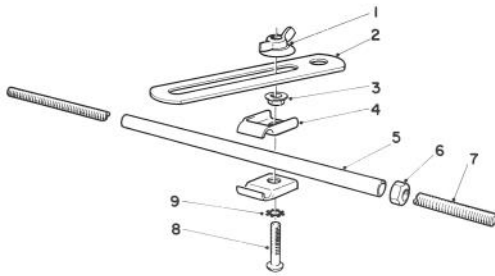
WEAR RING/SEAL INSTALLATION TOOL NO. 49-1440



Ref. No.	Part No.	Description	No. Used
1		Tool – Wear Ring/Seal Installation	1

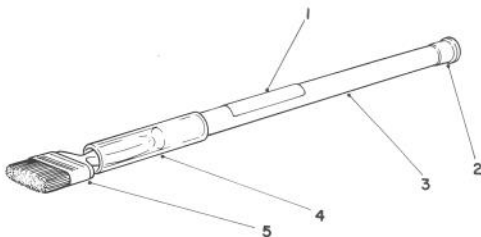
SPECIAL TOOLS (Continued)

ALIGNMENT TOOL ASSEMBLY NO. 20-0120



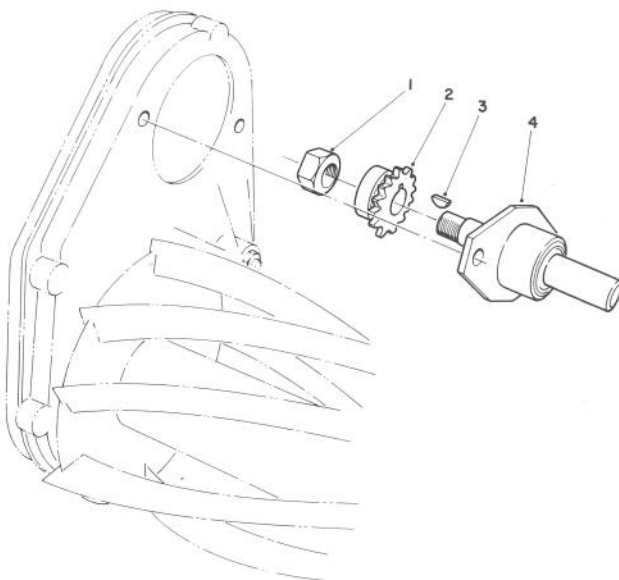
Ref. No.	Part No.	Description	No. Used
1	3-4808	Nut — Wing	1
2	20-0110	Bracket — Aligning	1
3	32128-20	Nut — Flange	1
4	3-6657	Clip — Skid	2
5	20-0070	Tube	1
6	3219-2	Nut — Hex. Full	1
7	20-0080	Rod	1
8	32122-35	Screw — Machine	1
9	3255-8	Washer — Lock	1

BACKLAPPING BRUSH ASSEMBLY NO. 29-9100



Ref. No.	Part No.	Description	No. Used
1	12-9140	Decal	1
2	2410-18	Plug	1
3	29-9080	Handle	1
4	29-9090	Hose — Handle	1
5	36-4310	Brush	1

REMOTE BACKLAPPING TOOL KIT NO. 36-3060



Ref. No.	Part No.	Description	No. Used
1	3217-23	Nut L.H. Thread	1
2	29-3760	Sprocket	1
3	3257-3	Key — Woodruff	1

IDENTIFICATION AND ORDERING

Model and Serial Numbers

The HTM-175 has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on the dash panel. In any correspondence concerning the HTM-175, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Distributor, supply the following information:

1. Model and serial number of the HTM-175.
2. Part number, description, and quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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