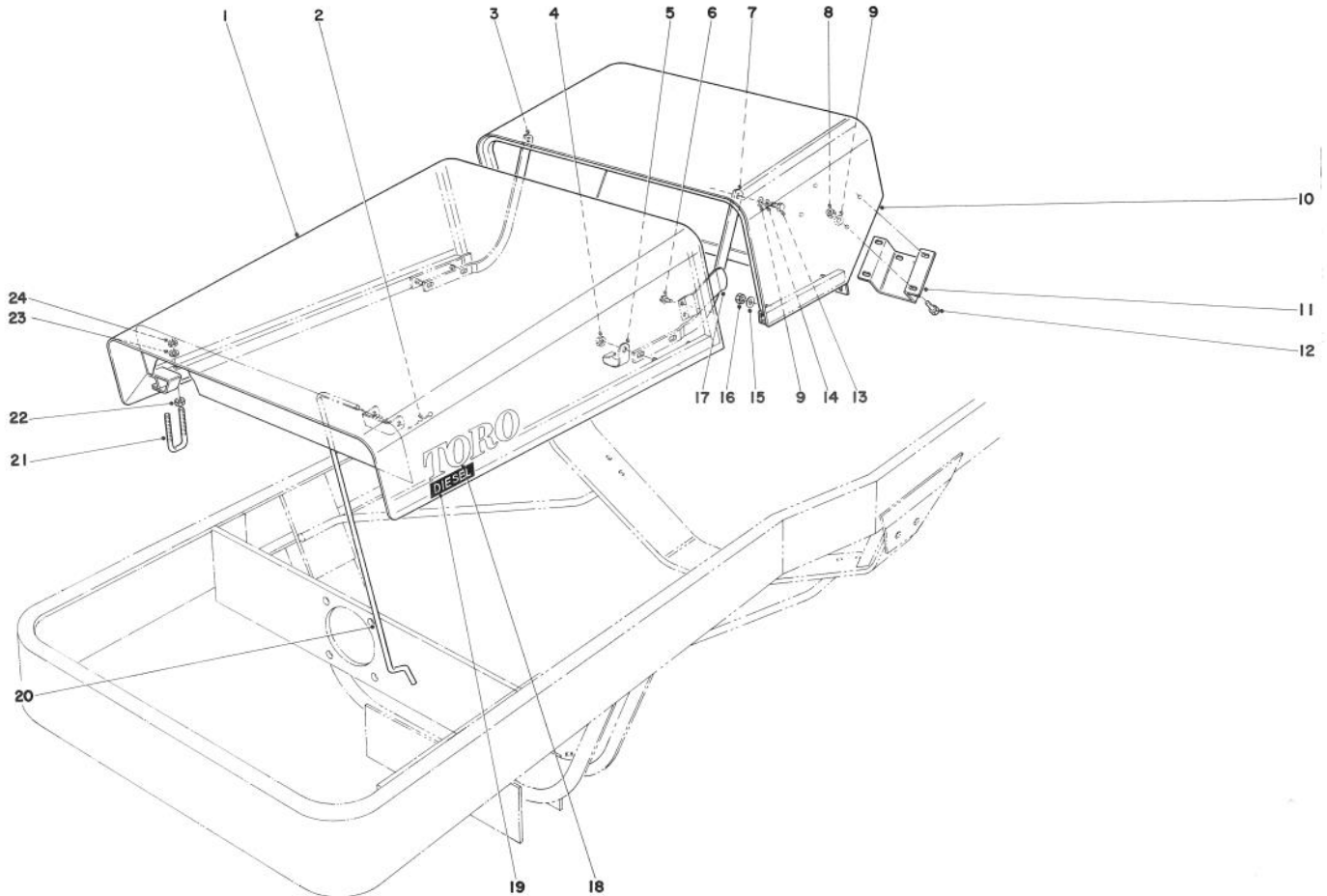


TORO®

MODEL NO. 33877 — 00001 & UP
 MODEL NO. 01080 — 00001 & UP

**PARTS
 CATALOG**

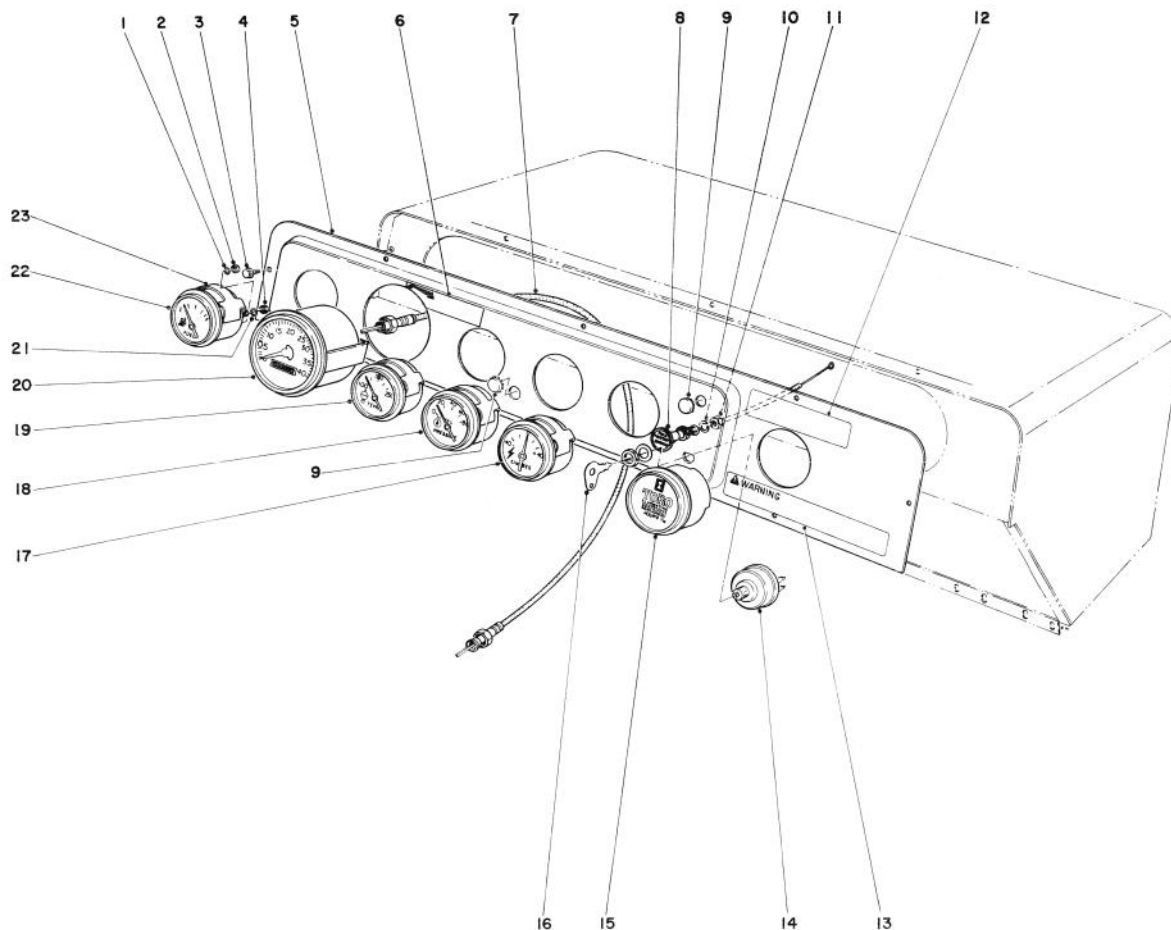
HTM-175



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	32146-5	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	4
14	3253-4	Lockwasher	2
15	3256-24	Washer	4
16	32146-2	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

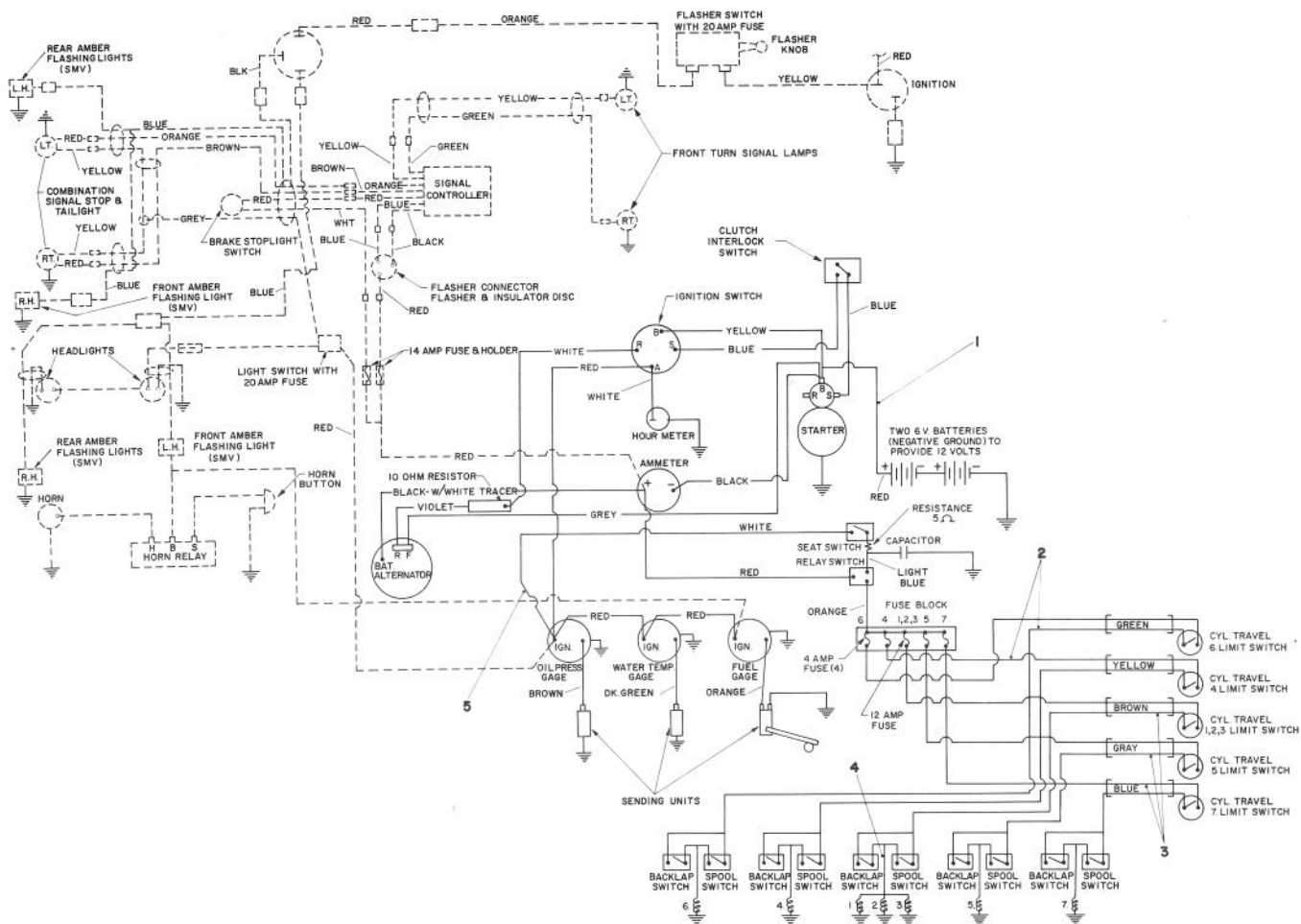


DASH ASSEMBLY

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	18-2670	Flexible Shaft	1
8	19-2930	Fuel Shut-Off Cable	1
9	2410-13	Plug Button	2
10	3253-21	Lockwasher	1
11	3220-3	Jam Nut	1
12	37-9890	Decal — Caution	1

Ref. No.	Part No.	Description	No. Used
13	39-3680	Warning Decal	1
14	12-8140	Ignition Switch	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

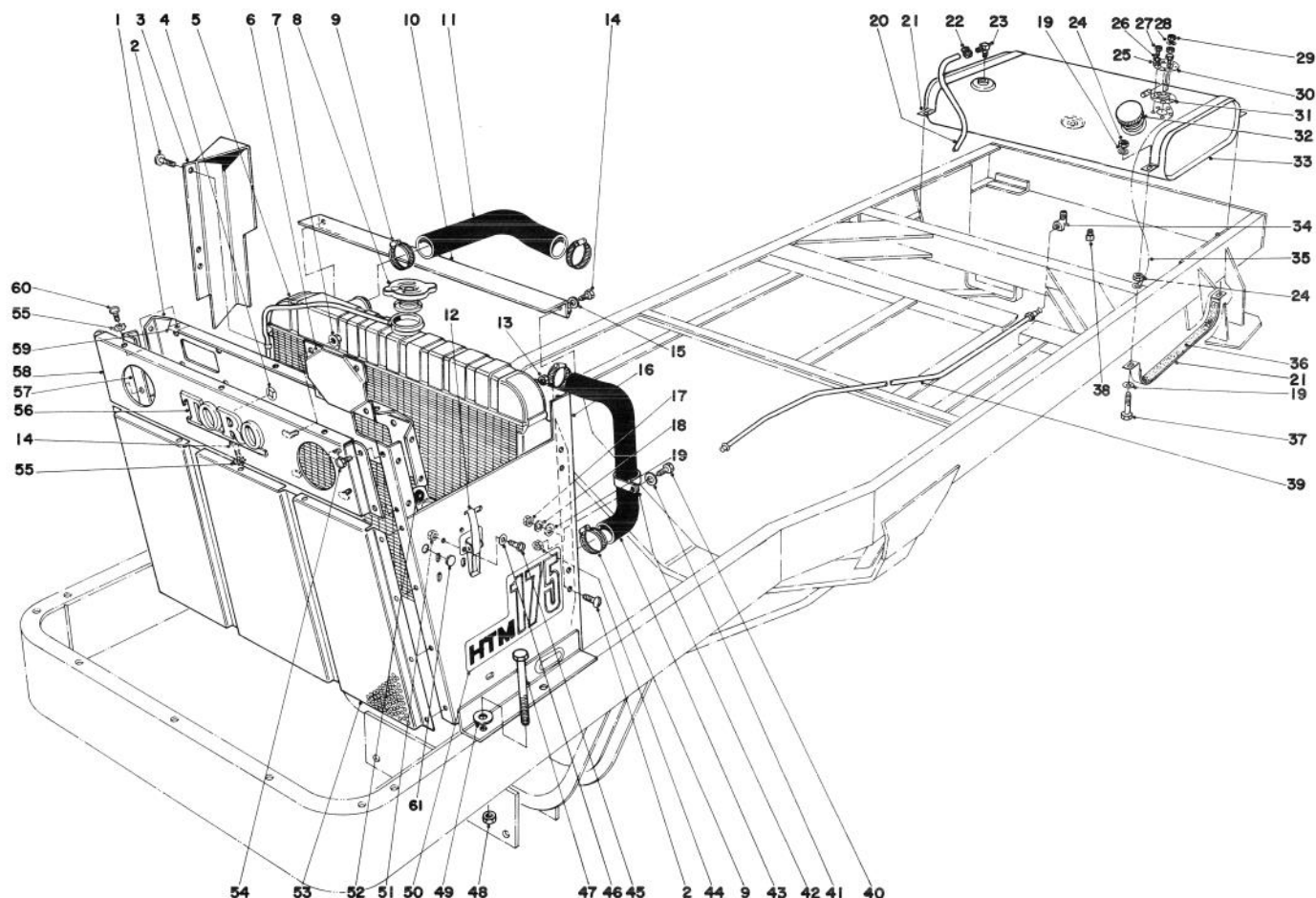
*Not Illustrated



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	37-3160	Cable Battery to Starter	1
2	37-2710	Wire Harness Limit Switch	1
3	37-2700	Wire Harness 1-3, 5 & 7 Limit Switch	1

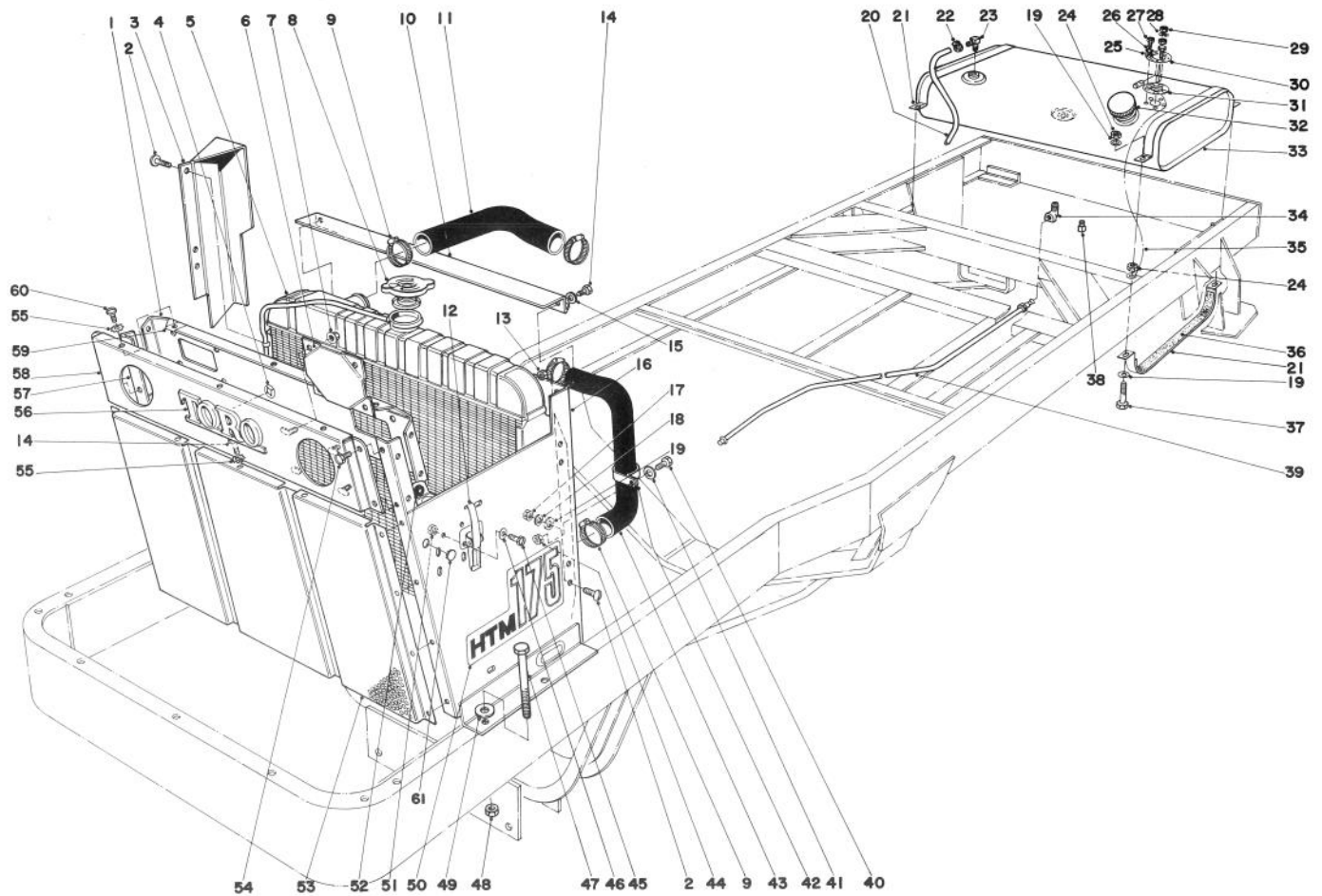
Ref. No.	Part No.	Description	No. Used
4	38-5120	Wire Assembly – Valve Coil	1
5	37-2620	Wire Harness	1



RADIATOR AND GRILLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	18-1020	Cover Headlights	1
2	32122-14	Machine Screw	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	Flange Nut	8
8	18-2660	Radiator Cap	1
9	2412-3	Hose Clamp	4
10	19-3040	Brace Front Side Plate	1
11	19-3550	Radiator Hose Upper	1
12	249-10	Hood Clamp	2
13	32146-17	Nut	4
14	321-2	Capscrew	7
15	3256-22	Washer	4
16	37-2300	Front Side Panel L. H.	1
17	3217-6	Nut	8
18	3253-4	Lockwasher	8
19	3256-23	Washer	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

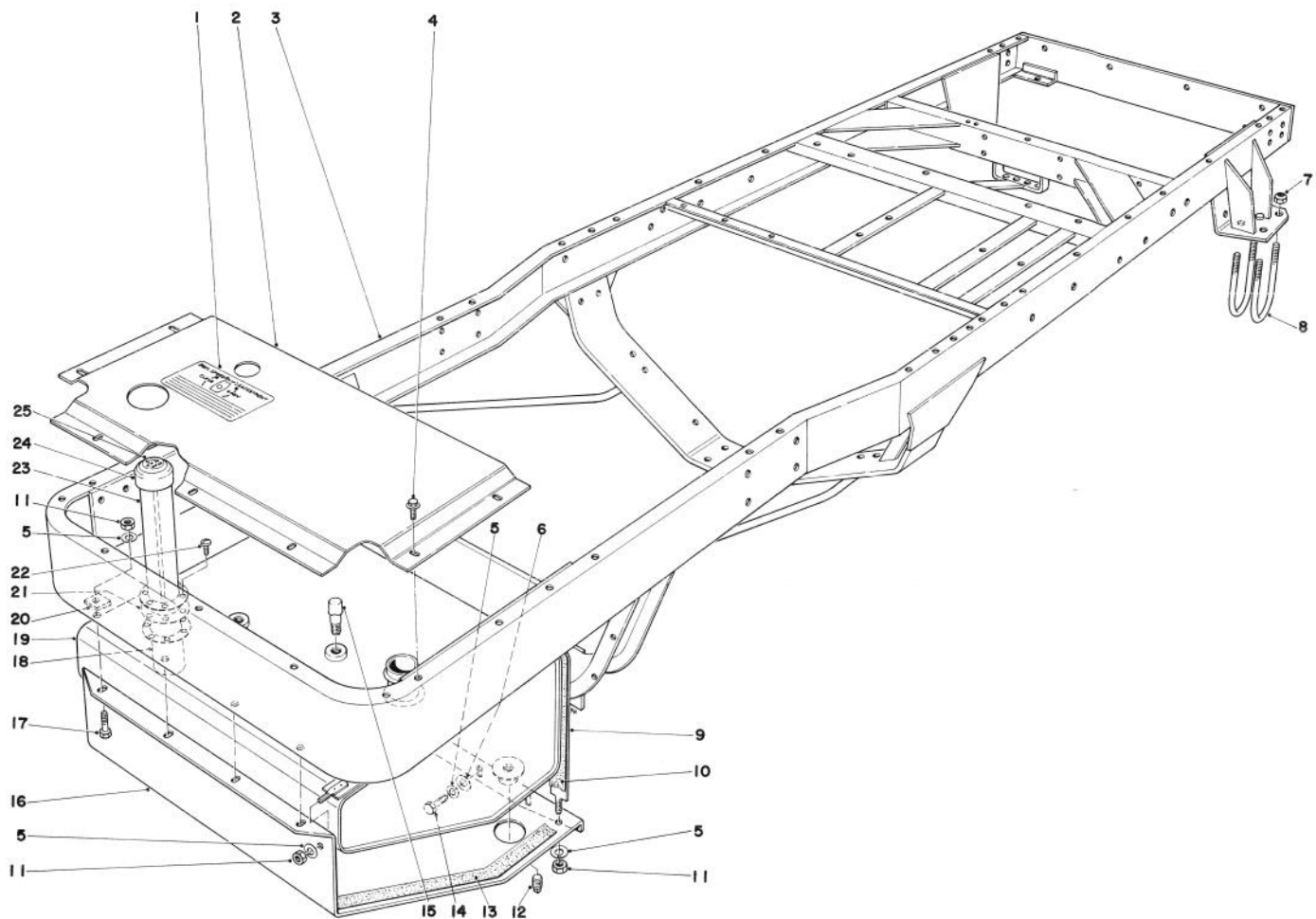
Ref. No.	Part No.	Description	No. Used
24	32146-5	Locknut	8
25	237-49	Seal Rolled Washer	5
26	3254-1	Lockwasher	5
27	3252-16	Fillister Hd. Machine Screw	5
28	3255-17	Lockwasher	1
29	3219-14	Hex Machine Screw Nut	1
30	18-2370	Sender — Fuel Level	1
31	18-2380	Gasket — Fuel Sending Unit	1
32	222-8	Filler Cap	1
33	36-8290	Fuel Tank (Incl. Ref. #32)	1
34	27-0130	90° Elbow	1
35	3-3868	Ground Wire	1
36	3-3824	Felt Strip — Fuel Tank	4
37	3290-319	Hex Hd. Machine Screw	4
38	281-5	Square Hd. Pipe Plug	1
39	38-8690	Fuel Line	1
40	323-4	Capscrew	1
41	3256-24	Flat Washer	1
42	2412-44	Clamp	1
43	19-3560	Radiator Hose Lower	1
44	32146-2	Nut	1
45	3252-2	Screw Fillister Hd.	4
46	3253-17	Lockwasher	4



RADIATOR AND GRILLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	325-20	Hex Hd. Capscrew	4
48	32146-13	Locknut	4
49	3256-26	Washer	4
50	38-2870	Decal — HTM-175	2
51	3217-26	Machine Screw Nut	4
52	237-37	Rubber Bumper	4
53	37-2240	Grille	1
54	32140-42	Hex Hd. Self Tapping Screw	12

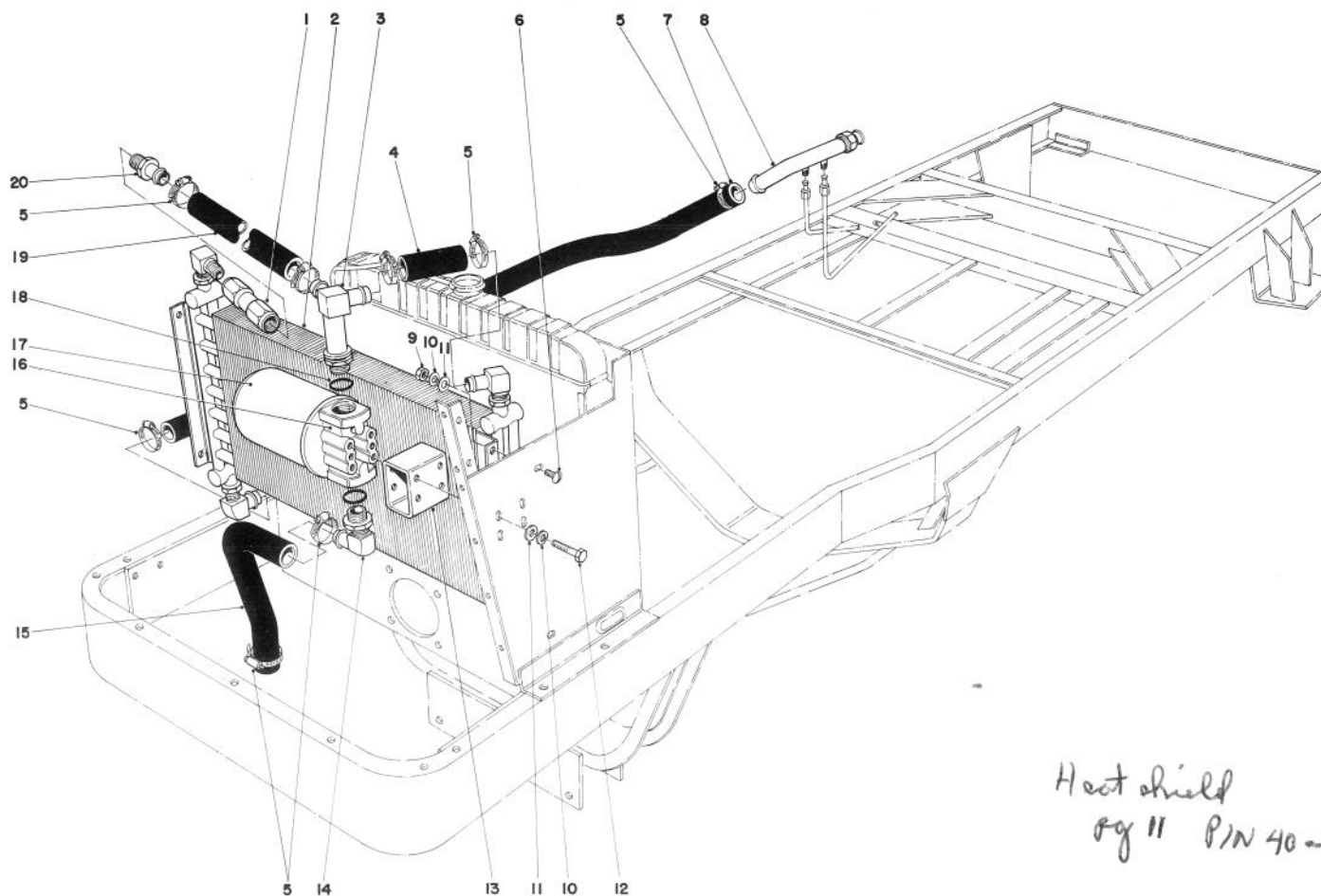
Ref. No.	Part No.	Description	No. Used
55	3255-7	Washer	10
56	25-9650	Toro Emblem	1
57	37-2340	Front Side Panel R. H.	1
58	37-2230	Headlight Panel	1
59	3290-192	Tinnerman Clip	7
60	3290-145	Screw Pan Hd.	7
61	2410-13	Plug Button	2



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	37-2400	Frame	1
4	32104-82	Washer Face Hex Hd. Self Tapping	7
5	3253-21	Lockwasher	12
6	3256-24	Washer	4
7	3296-24	Locknut	8
8	37-4230	U-Bolt	4
9	37-2550	Tank Strap	2
10	37-2540	Felt Strap	2
11	3217-7	Full Nut	8
12	281-3	Square Hd. Pipe Plug	1
13	37-2580	Strap Sponge Rubber	3

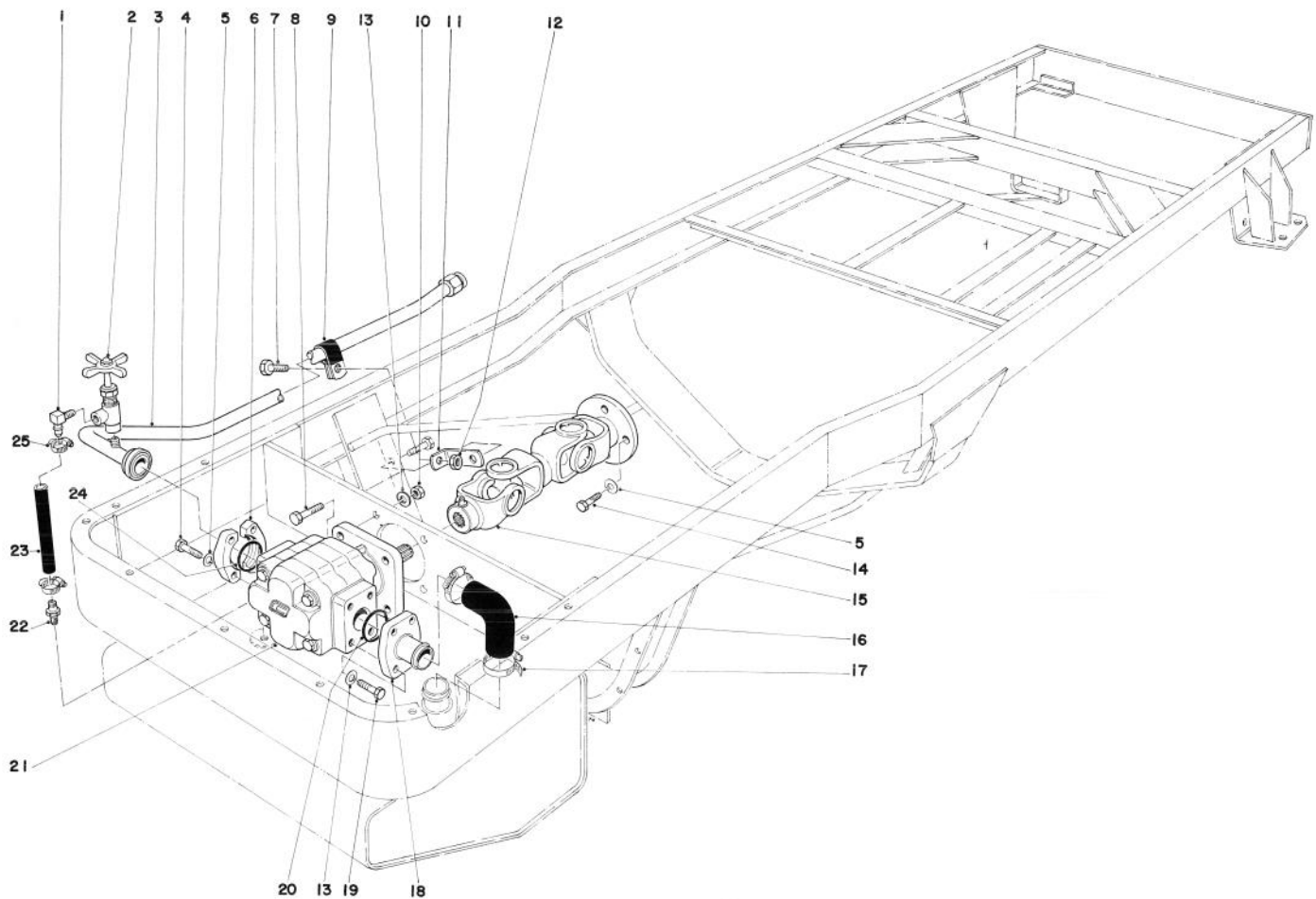
Ref. No.	Part No.	Description	No. Used
14	323-6	Capscrew	4
15	302-54	Relief Fitting	1
16	37-2600	Front Cover Plate	1
17	323-8	Capscrew	4
18	353-573	Screen Assembly	1
19	37-2570	Hydraulic Tank (Incl. Ref. #18, 21-24)	1
20	3290-216	Bevel Washer	4
21	353-500	Gasket	2
22	32104-11	Screw	6
23	353-700	Filler Tube	1
24	353-699	Breather Cap	1
25	11-6350	Decal — Oil	1



HYDRAULIC COOLER

Ref. No.	Part No.	Description	No. Used
1	36-9770	Check Valve — Bypass	1
2	40-9300	Hydraulic Cooler	1
3	40-9260	Fitting — Special Filter (Incl. Ref. 18)	1
4	40-9280	Hose — Filter to Cooler	1
5	2412-75	Hose Clamp	8
6	32122-14	Machine Screw Truss Hd.	4
7	40-9310	Hose Center Return	1
8	37-1790	Return Rear	1
9	3217-6	Nut	4
10	3253-4	Lockwasher	8
11	3256-23	Washer	8

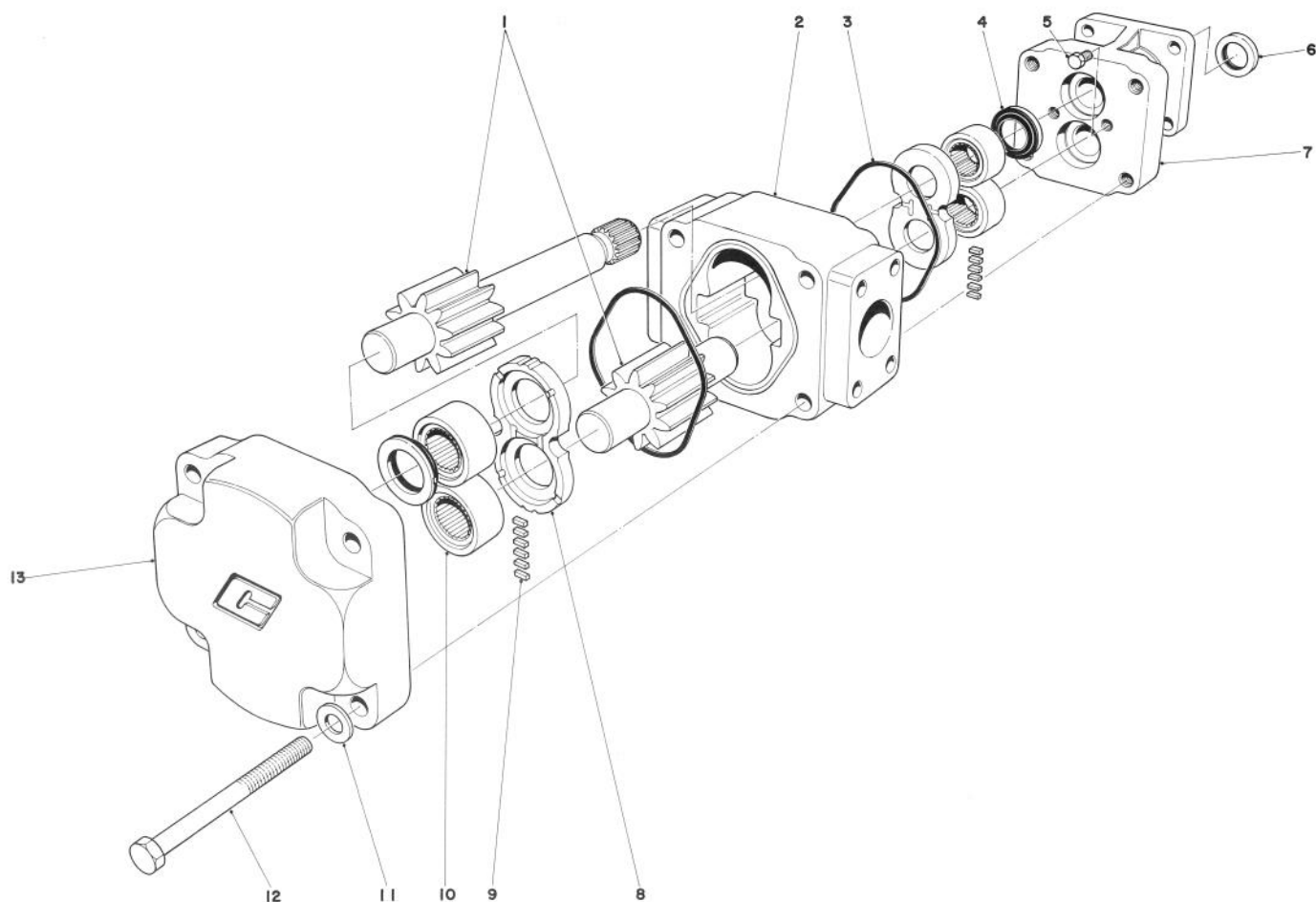
Ref. No.	Part No.	Description	No. Used
12	322-13	Capscrew	4
13	37-2270	Spacer Oil Filter	1
14	353-681	90° Barb Hose Stem (Incl. Ref. #18)	1
15	37-2530	Hose Filter to Tank	1
16	27-2370	Hydraulic Filter & Head Assem. (Incl. Ref #17)	1
17	28-2110	Filter Element	1
18	237-101	O-Ring	2
19	37-2290	Hose Filter to Cooler	1
20	353-682	Straight Barb Hose	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	32146-13	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

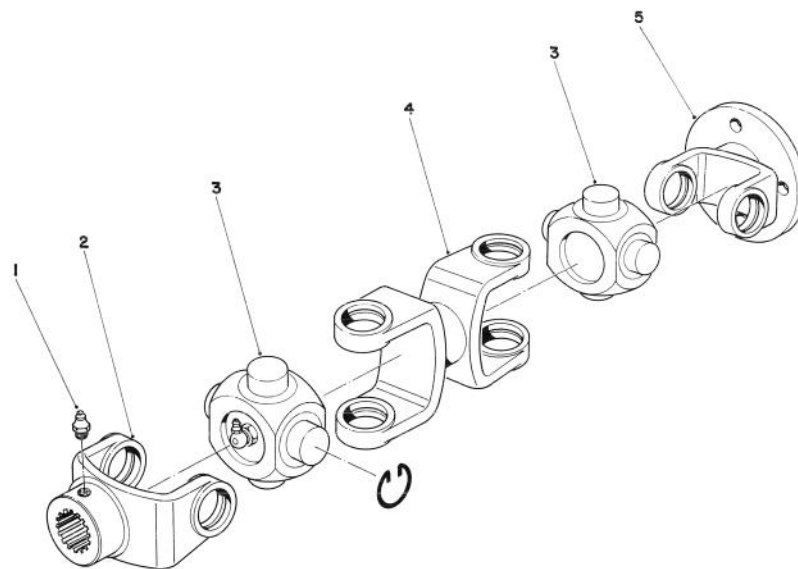


HYDRAULIC PUMP NO. 36-9840

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

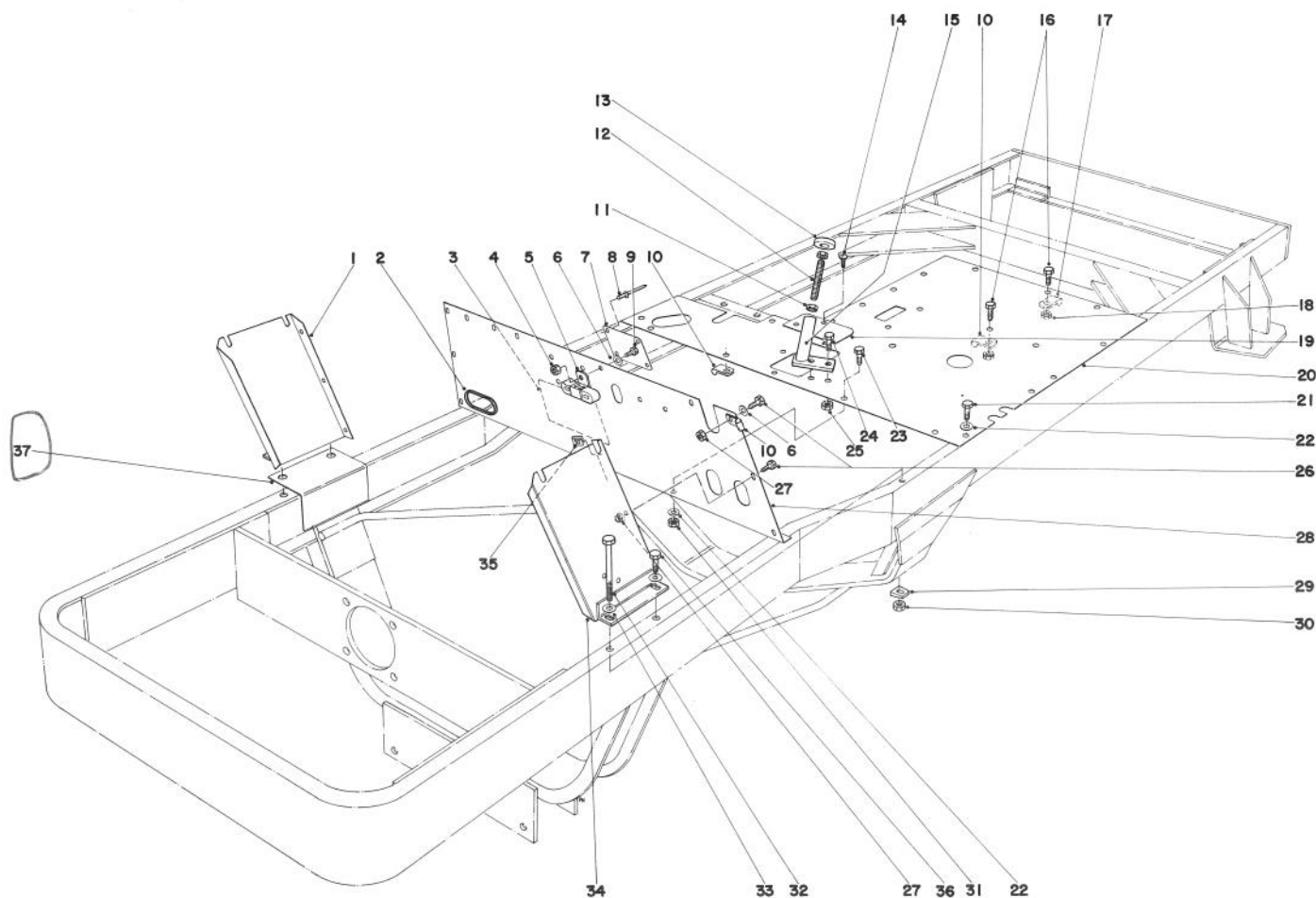
†Part only available by ordering 36-9840 Hydraulic Pump.



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

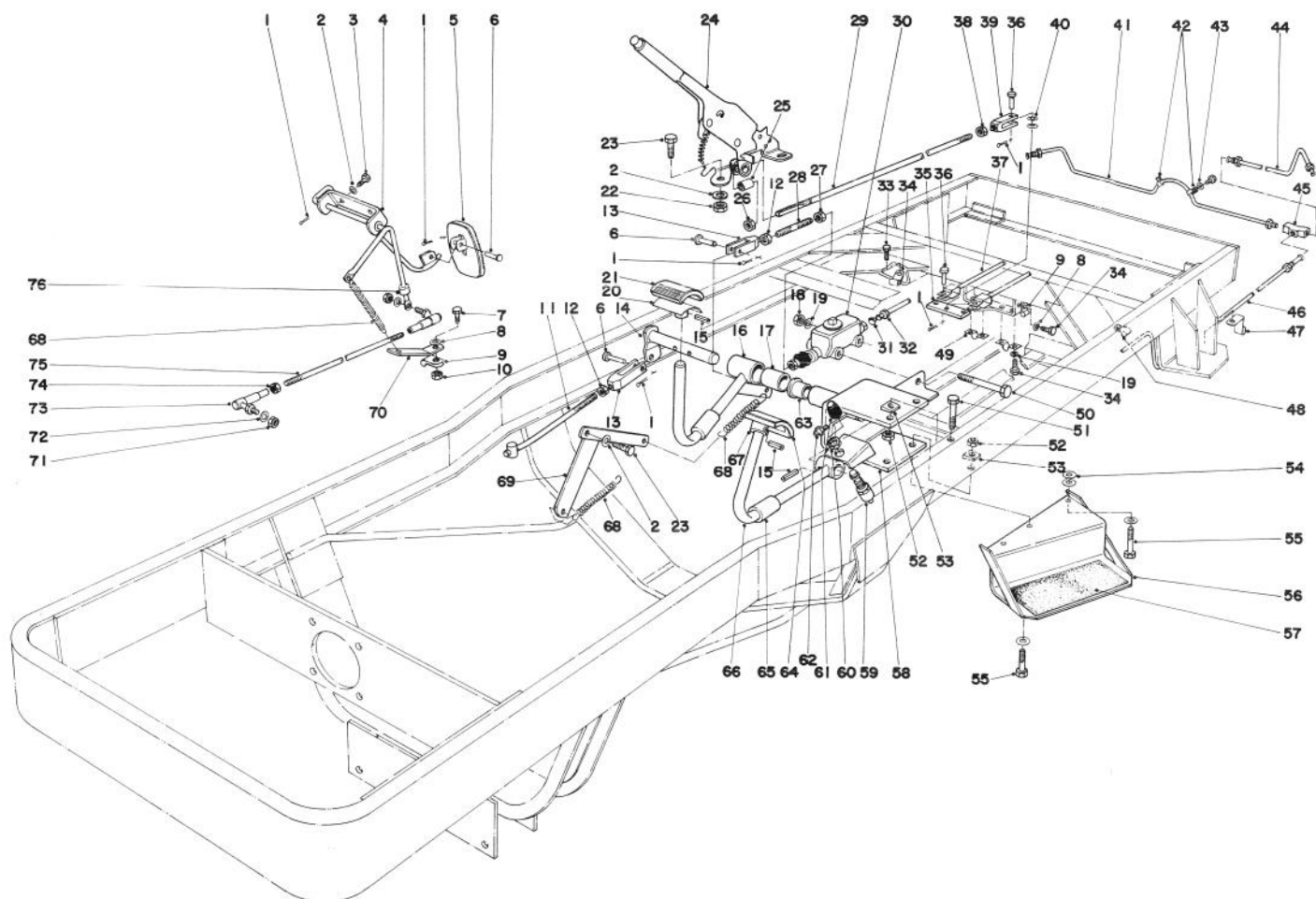
Ref. No.	Part No.	Description	No. Used
4	37-3680	Center Section	1
5	37-3660	Yoke	1



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	32146-17	Locknut	1
5	18-2680	Resistor 10 OHM	1
6	3256-22	Washer	2
7	18-3200	Instruction Plate	1
8	3290-56	Pop Rivet	4
9	321-4	Capscrew	1
10	2412-10	Support Clamp	3
11	3219-2	Nut	2
12	5-2973	Rod	1
13	5-2967	Button	1
14	32104-77	Self Tapping Screw	6
15	10-3150	Foot Rest	1
16	323-7	Capscrew	2
17	2412-4	Support Clamp	1
18	32146-2	Locknut	2

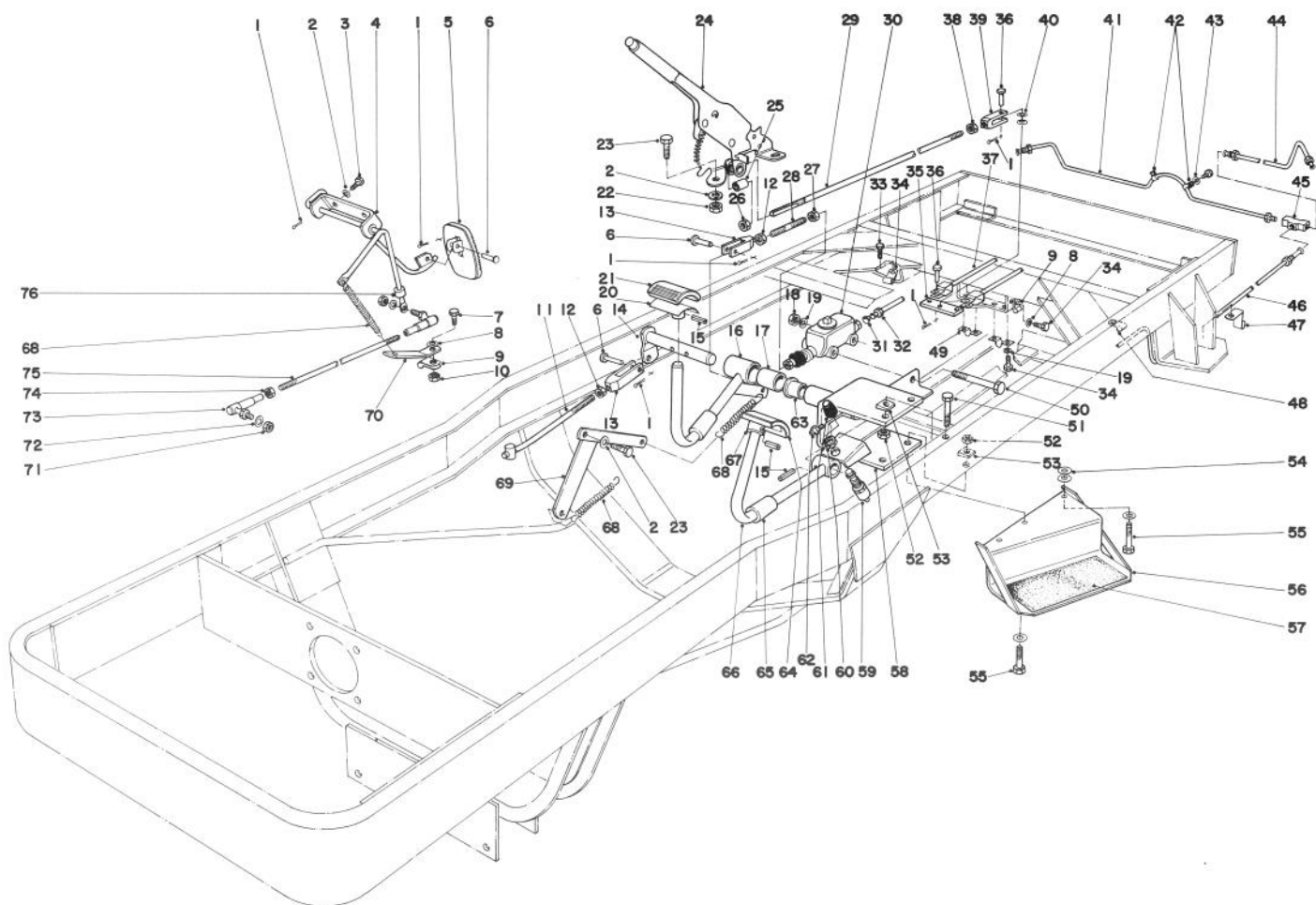
Ref. No.	Part No.	Description	No. Used
19	36-9440	Shift Plate Closure	1
20	37-2730	Floor Plate	1
21	32104-6	Self Tapping Screw	3
22	3256-24	Washer	9
23	323-5	Capscrew	6
24	322-3	Capscrew	2
25	32146-5	Locknut	2
26	3290-321	Capscrew	9
27	32128-17	Locknut	9
28	18-0850	Toe Board	1
29	3290-216	Bevel Washer	3
30	32146-13	Locknut	4
31	32146-2	Locknut	6
32	325-20	Capscrew	1
33	3256-26	Washer	4
34	18-0790	Rear Side Plate L. H.	1
35	218-214	Tinnerman Clip	1
36	325-6	Capscrew	3
37	40-9920	Heat Shield	1



BRAKE, CLUTCH AND THROTTLE CONTROLS

Ref. No.	Part No.	Description	No. Used
1	3272-6	Cotter Pin	7
2	3253-4	Lockwasher	6
3	32104-32	Capscrew Self Tapping	3
4	19-2950	Arm Foot Throttle	1
5	10-2670	Accelerator Pedal	1
6	283-2	Pin	3
7	323-5	Capscrew	1
8	3256-24	Washer	2
9	2412-10	Support Clamp	2
10	32146-2	Locknut	1
11	19-3090	Clutch Link	1
12	3220-3	Jam Nut	2
13	282-1	Clevis	2
14	18-1160	Pedal Shaft	1
15	32121-34	Slot Roll Pin	3
16	3-8760	Brake Pedal (Incl. Ref. #17)	1
17	256-143	Bushing	1
18	3217-7	Nut	2
19	3253-21	Lockwasher	6
20	10-0670	Pedal R. H.	1
21	7-3900	Brake Pad	1
22	3217-6	Nut	2
23	322-3	Capscrew	4

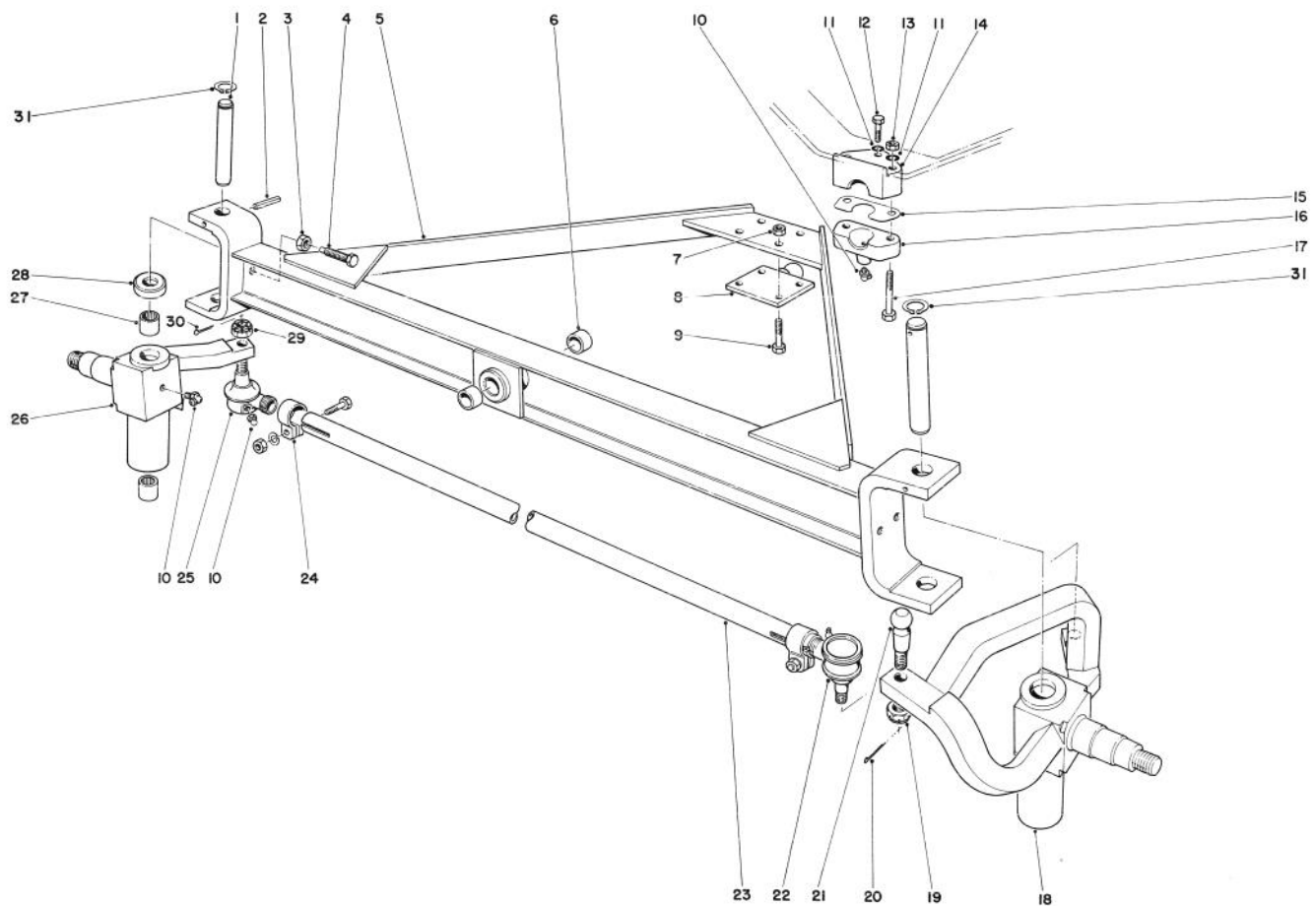
Ref. No.	Part No.	Description	No. Used
24	37-2740	Parking Brake	1
25	29-4750	Spacer	1
26	3296-4	Locknut	1
27	3218-3	Jam Nut	1
28	37-2060	Brake Shaft	1
29	37-3150	Rod — Parking Brake Adj.	1
30	37-4180	Brake Master Cylinder	1
31	353-689	Sealing Ring	1
32	353-688	Adaptor Inv. Flare	1
33	32104-6	Self Tapping Screw	6
34	2412-10	Support Clamp	1
35	3-3137	Plate — Equalizer	1
36	283-1	Yoke Pin	3
37	36-9730	Cable Parking Brake	2
38	3220-2	Jam Nut	1
39	282-2	Yoke	1
40	3290-211	Spring Washer	1
41	37-3330	Brake Tube	1
42	3-3075	Clip	2
43	3254-6	Washer	2
44	37-3340	Brake Tube	1
45	304-2	Tee Fitting	1
46	37-4890	Brake Tube	1



BRAKE, CLUTCH AND THROTTLE CONTROLS (Continued)

Ref. No.	Part No.	Description	No. Used
47	37-9840	Support Brake Line	2
48	18-2970	Fuel Line Clip	1
49	215-23	Clamp	2
50	323-20	Capscrew	2
51	325-6	Capscrew	2
52	32146-13	Locknut	5
53	3290-216	Bevel Washer	5
54	3256-26	Washer	5
55	325-7	Capscrew	3
56	33-2190	Foot Step	1
57	33-2230	Step Pad	1
58	37-3120	Pedal Shaft Bracket (Incl. Ref. #63)	1
59	23-8010	Switch Interlock (Incl. Ref. #60 & 61)	1
60	218-461	Nut	2
61	39-0770	Boot	1

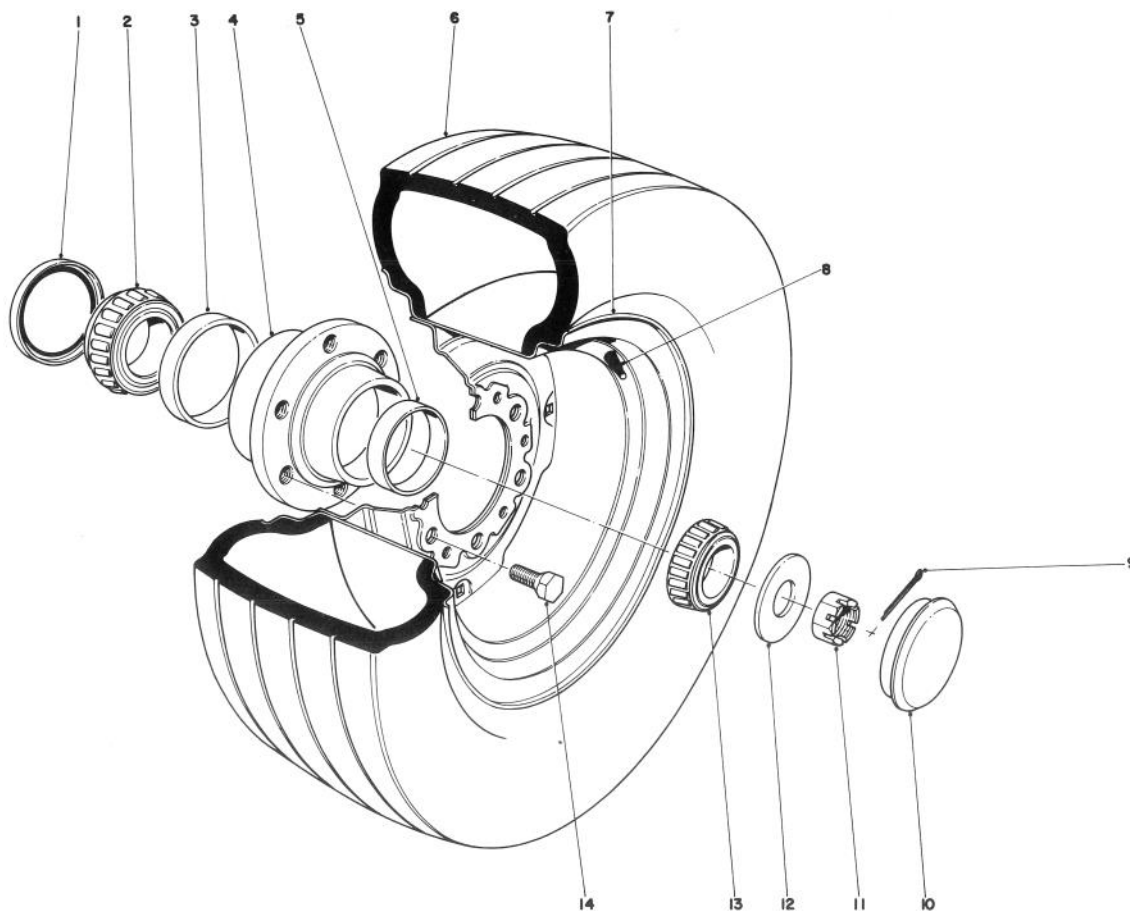
Ref. No.	Part No.	Description	No. Used
62	302-5	Grease Fitting	1
63	256-10	Bushing	2
64	7-3901	Clutch Pad	1
65	3-3107	Rubber Bumper	2
66	3-3750	Clutch Pedal	1
67	10-0680	Pedal L.H.	1
68	5-1706	Spring	3
69	19-3710	Bracket — Return Spring	1
70	38-2090	Throttle Bracket	1
71	3219-1	Full Nut	2
72	3253-3	Lockwasher	2
73	18-1720	Ball Joint	2
74	3220-1	Jam Nut	2
75	19-3380	Rod Foot Throttle to Pivot Arm	1
76	18-2860	Rubber Bumper, Foot Throttle	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	32146-13	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

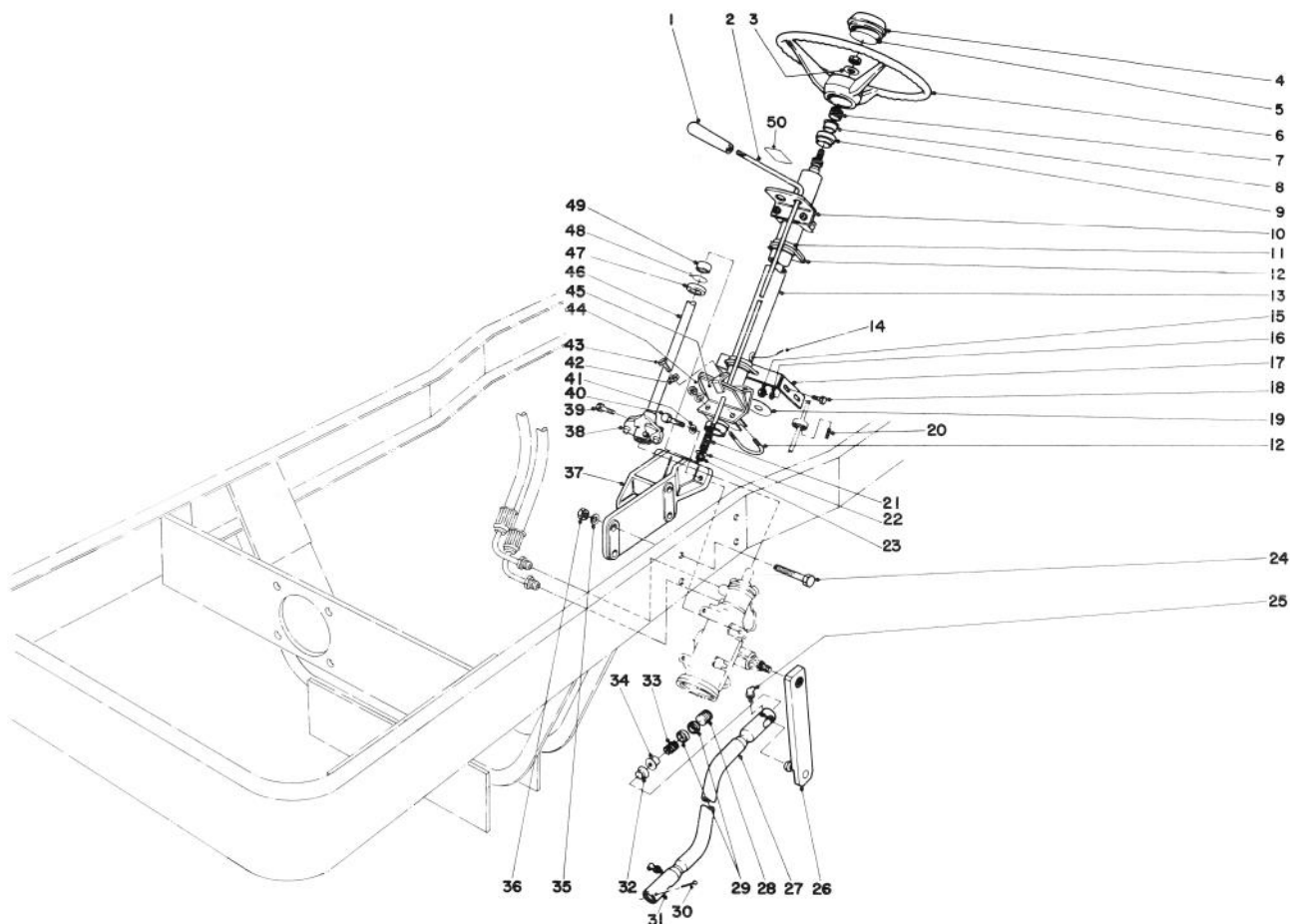
Ref. No.	Part No.	Description	No. Used
17	3214-13	Capscrew	2
18	23-5300	Spindle L.H.	1
19	32136-3	Slotted Nut	1
20	3272-7	Cotter Pin	1
21	5-2966	Ball Stud	1
22	2116-3	Ball Joint L.H.	1
23	3-3710	Tie Rod Ass'y. (Incl. Ref. #10, 22, 24, 25 & 29)	1
24	2412-7	End Clamp	2
25	2116-4	Ball Joint R.H.	1
26	20-9900	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 WHEELS AND RIM 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	33-0750	Tire Tubeless 9.5L-14	2
7	10-0720	Wheel (14")	2

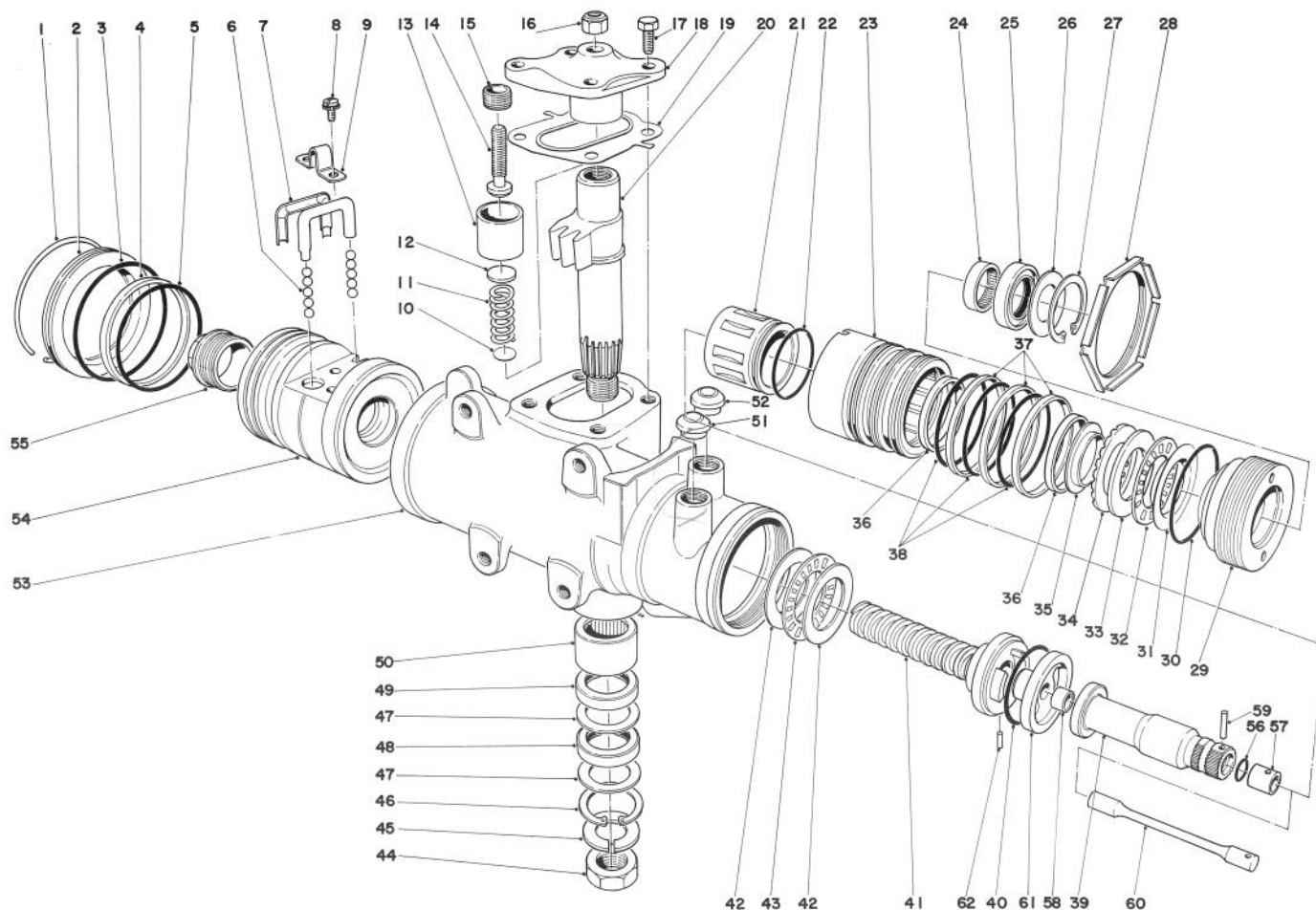
Ref. No.	Part No.	Description	No. Used
8	232-27	Valve Stem	2
9	3272-23	Cotter Pin	2
10	217-33	Hub Cap	2
11	32136-1	Slotted Hex Nut	2
12	3256-9	Washer	2
13	254-42	Outer Bearing Cone	2
14	217-34	Wheel Bolt	12



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	Cup 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	32146-5	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	1
24	327-10	Capscrew	4
25	302-33	Grease Fitting	2
26	18-2070	Pitman Arm	1

Ref. No.	Part No.	Description	No. Used
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	19-3290	Mount Power Steering	1
38	18-3010	Coupling & Flange Assy.	1
39	18-3100	Bolt	1
40	324-6	Capscrew	3
41	3253-26	Lockwasher	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

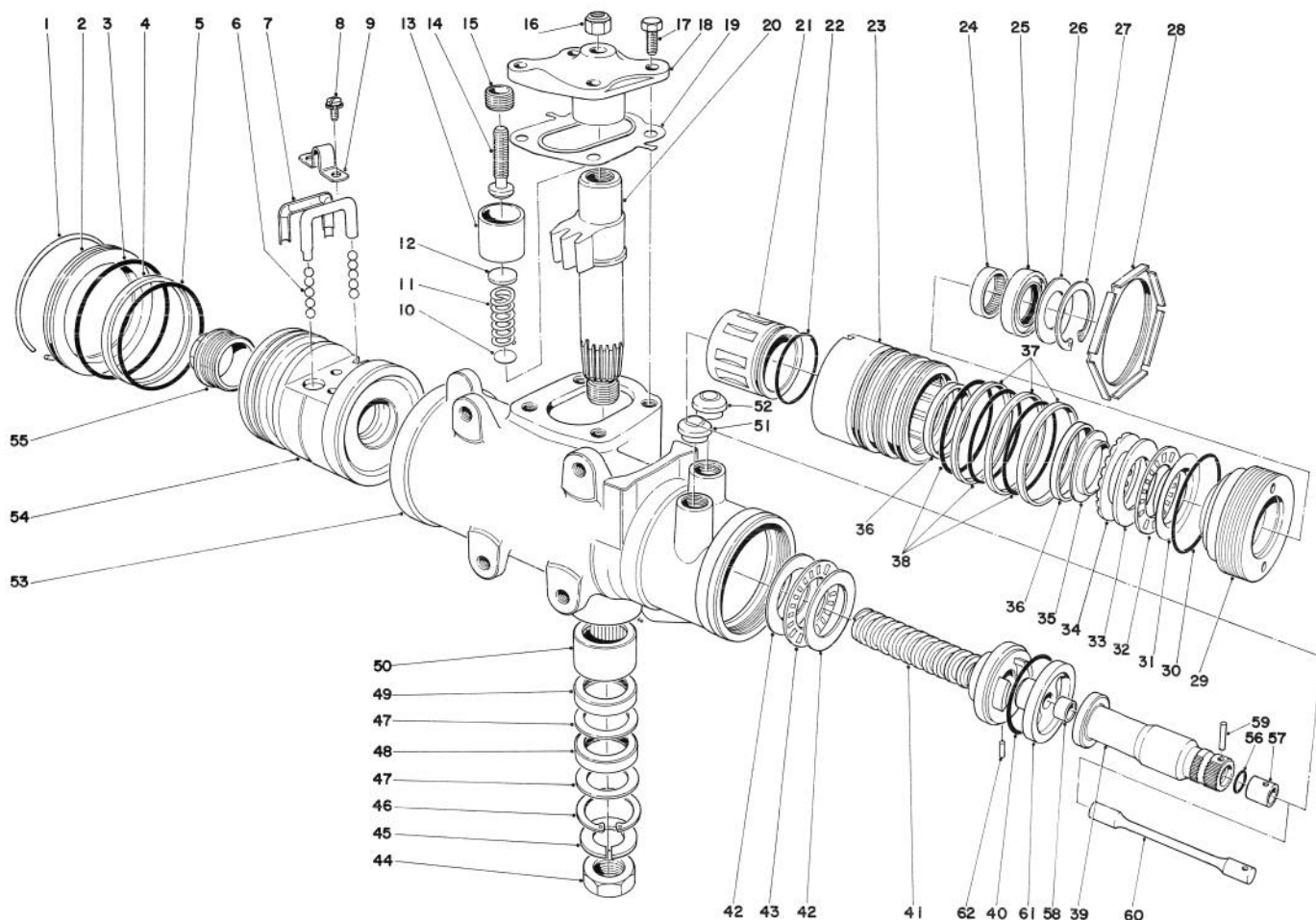


STEERING GEAR 39-7330

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	18-4280	Ball, Chrome Alloy (.2812 Dia.)	11
*		Ball, (.2806 Dia.)	11
7	18-4260	Guide Ball Return	2
8	18-4270	Screw & Lockwasher Assembly	2
9		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		Retainer, Lash Adjuster	1
16	28-8220	Nut, Lash Adjuster	1
17	28-8210	Bolt, Flange Hex Hd.	4
18	18-4170	Cover, Housing Side (Incl. Ref. #13)	1
19	18-4180	Seal - Assembly Gasket	1
20		Gear Pitman Shaft	1
21		Spool Valve	1
22	39-7430	Seal, O-Ring, Spool Valve	1
23		Valve Body	1
24	18-4240	Bearing Assembly, Needle	1
25		Seal, Stub Shaft	1

Ref. No.	Part No.	Description	No. Used
26	18-4320	Seal, Stub Shaft Dust	1
27		Ring Retaining	1
28		Nut, Adjuster Plug Lock	1
29	28-8200	Plug Adjuster	1
30		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		Retainer, Bearing	1
36		Sleeve, Valve Body	2
37		Ring, Valve Body	3
38		Seal O-Ring	3
39		Shaft, Stub	1
40		Seal O-Ring	1
41		Worm, Steering	1
42		Race Thrust Bearing	2
43		Bearing Assembly, Roller Thrust	1
44	39-7440	Nut, Pitman, Arm	1
45	39-7420	Lockwasher	1
46		Ring, Retaining	1
47		Washer, Seal Back Up	2
48		Seal, Pitman Shaft	1
49		Seal, Pitman Shaft	1
50	18-4200	Bearing, Pitman Shaft	1
51		Connector, Inverted Flare	1
52		Connector, Inverted Flare	1

*Not Illustrated

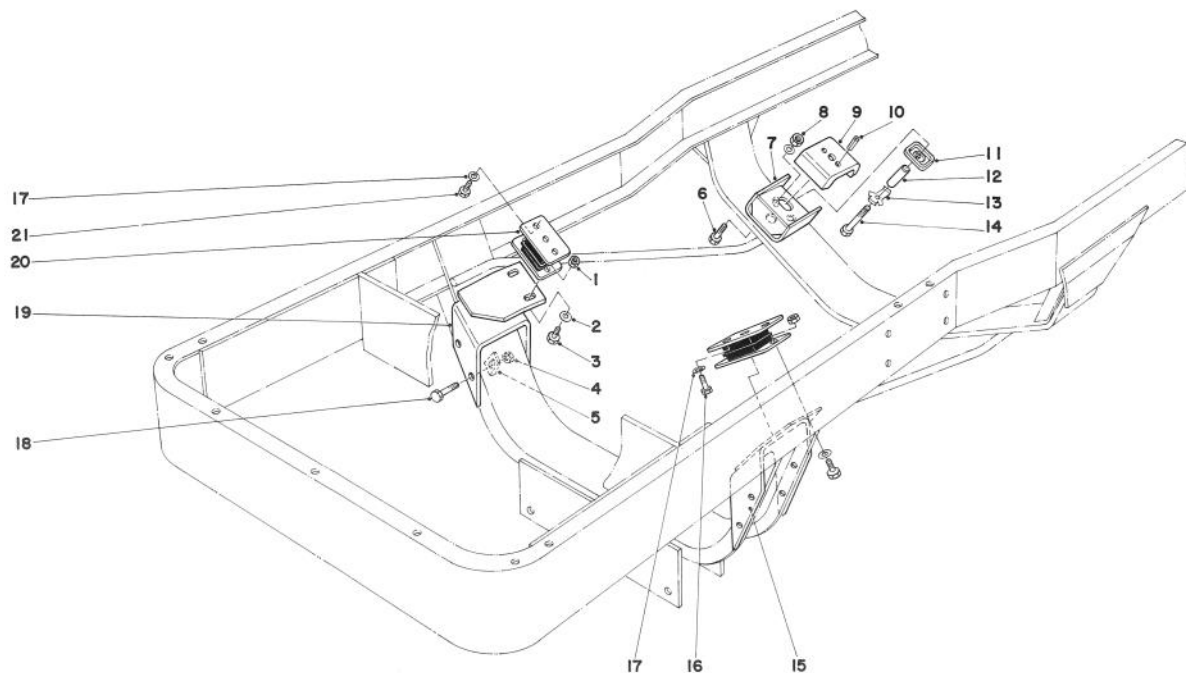


STEERING GEAR 39-7330 (Continued)

Ref. No.	Part No.	Description	No. Used
53	18-4340	Housing, Steering Gear	1
54		Nut, Rack Piston	1
55		Plug, Rack Piston End	1
56		Seal O-Ring	1
57		Sleeve, Torsion Bar	1
58		Bushing Torsion Bar	1
59		Pin, Torsion Bar	1
60		Torsion Bar	1
61		Cap Valve Body	1
62		Pin Dowel	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, 46-49)	1
*	18-5170	Seal Service Kit — Valve Ring (Incl. Items 22, 37-38 & 40)	1
*	18-5180	Bearing Service Kit — Lower Thrust (Incl. Items 42-43)	1
*	18-5190	Ball Service Kit, Recirculating (Incl. Item #6)	1
*	28-8240	Cover Service Assembly, Housing Side (Incl. Ref. #16-19)	1

Ref. No.	Part No.	Description	No. Used
*	28-8270	Seal Service Kit, End Plug (Incl. 1 & 3)	1
*	28-8280	Seal Service Kit, Housing Side Cover (Incl. Items 17 & 19)	1
*	39-7410	Steering Gear Housing Assy. (Incl. Items 46-53)	1
*	18-4230	Plug Service Assembly Adjuster (Incl. Items 24-27 & 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, 36-40 & 56-62)	1
*	18-4250	Rack/Piston/Nut Assy. Worm & Pin (Incl. Ref. #4-9, 41, 54 & 62)	1

*Not Illustrated



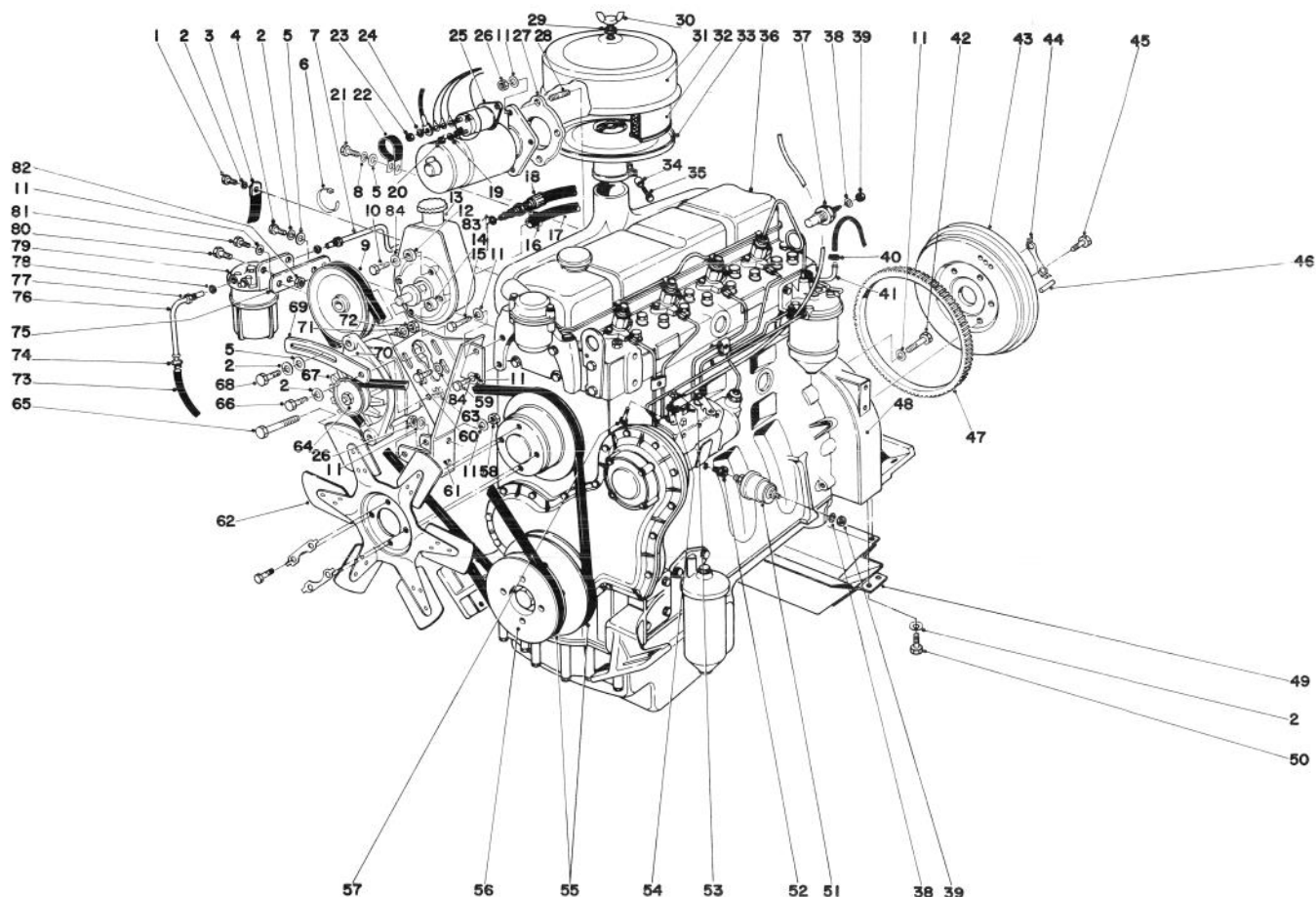
ENGINE MOUNTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32146-2	Locknut	4
2	3256-24	Flat Washer	4
3	323-6	Capscrew	4
4	32146-13	Locknut	8
5	3290-216	Bevel Washer	8
6	3213-3	Capscrew	4
7	19-3940	Engine Mount Rear	2
8	32128-15	Flange Nut	4
†9	3705444	Upper Mount	2
10	32121-46	Roll Pin	2
‡11	3789949	Lower Mount	2

Ref. No.	Part No.	Description	No. Used
‡12	3769338	Spacer	2
‡13	3763763	Lock	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.

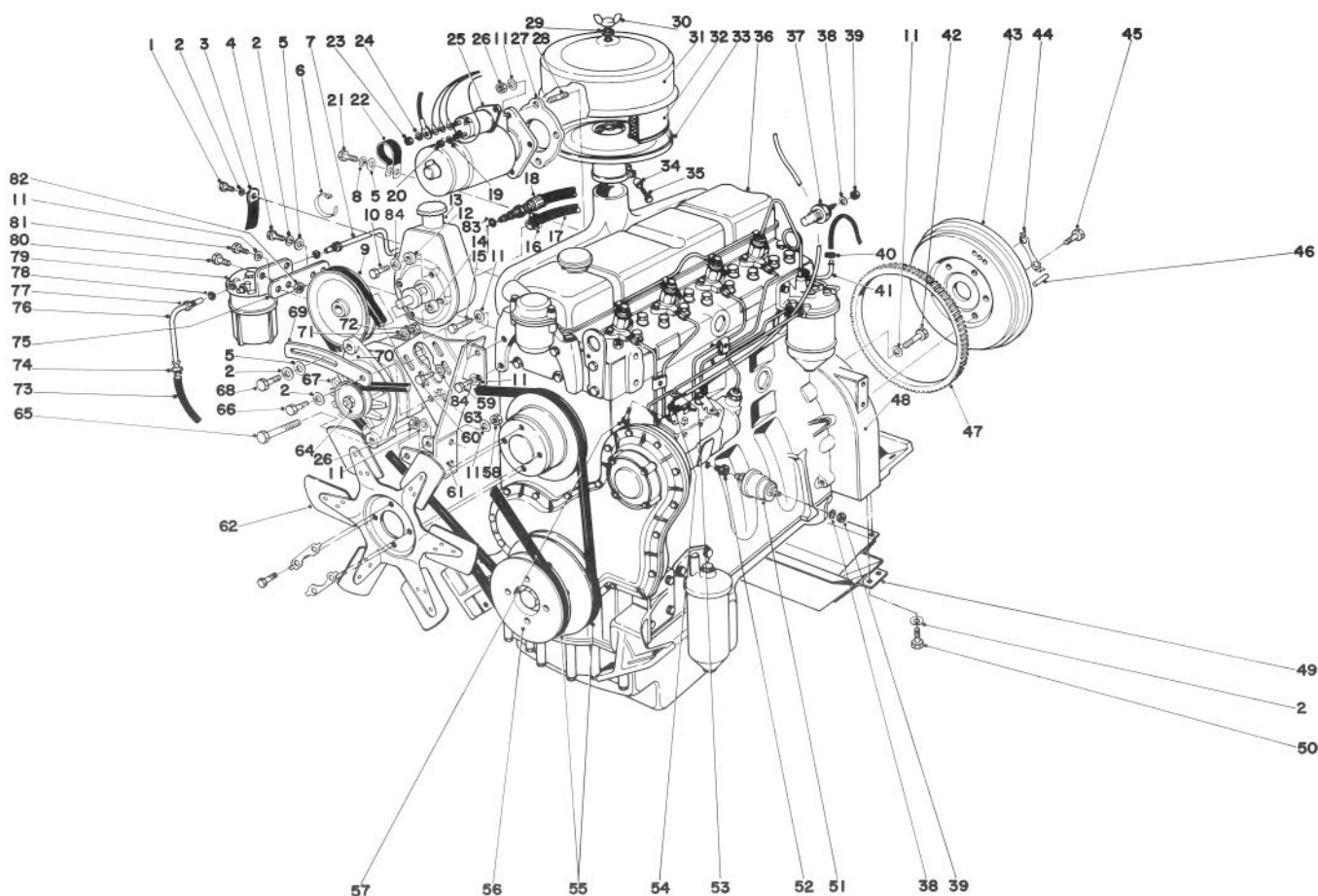


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3210-2	Capscrew	1
2	3253-4	Lockwasher	8
3	18-2770	Ground Cable	1
4	3210-2	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	3253-21	Lockwasher	18
12	37-1670	Spacer (Short)	2
13	39-7360	Pump Power Steering	1
14	37-1680	Spacer (Long)	2
15	3211-12	Capscrew	1
16	2412-34	Worm Clamp	1
17	39-7390	Hose Power Steering Return	1
18	39-7380	Hose Power Steering	1
19	3255-20	Lockwasher	1
20	3217-25	Nut	1
21	3210-2	Capscrew	1
22	304-61	Support Clamp	1
23	3218-3	Jam Nut	1

Ref. No.	Part No.	Description	No. Used
24	3255-9	Lockwasher	1
25	19-3460	Starter Motor	1
26	3219-3	Nut	5
†27	0330914	Starter Adapter	1
†28	0827801	Stud	3
29	226-10	Gasket	1
30	226-13	Wing Bolt	1
31	226-12	Air Cleaner Cover	1
32	226-11	Cartridge	1
33	226-16	Air Cleaner Base	1
34	22-7810	Spacer	1
35	321-9	Capscrew	1
36		Perkins Engine (Model 4-236)	1
37	38-1680	Sending Unit — Water Temp.	1
38	3255-17	Lockwasher	2
39	3219-14	Nut	2
40	2412-36	Hose Clamp	1
41	19-3390	Adapter — Fuel Bleed Off	1
42	3211-24	Capscrew	6
†43	31222555	Flywheel	1
†44	0921062	Tab Washer — Flywheel	3
45	3213-1	Capscrew	6
†46	0350025	Dowel Pin	2

†Obtain from your local Perkins Dealer.

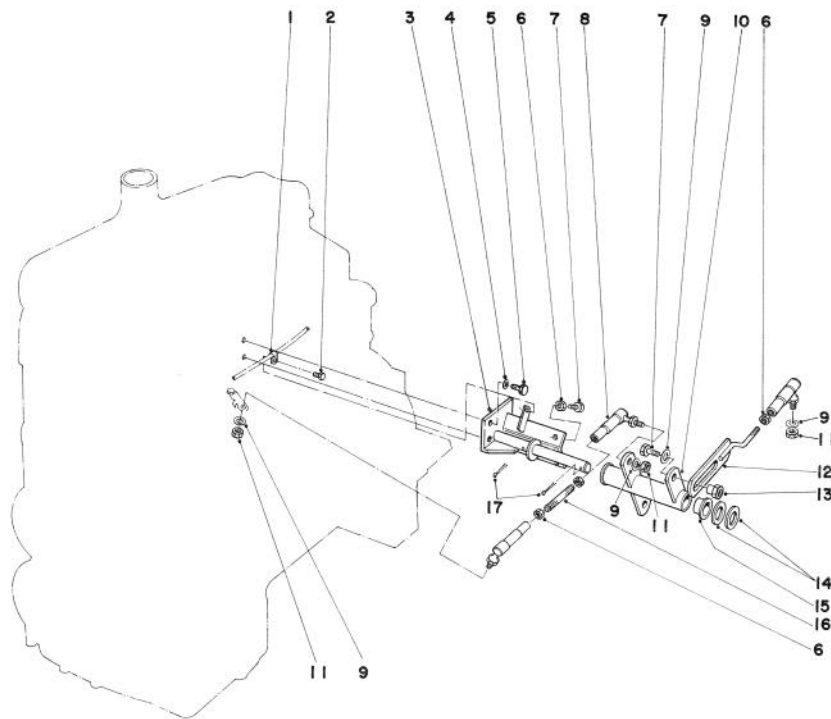


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
†47	0410276	Ring Gear	1
48	36-5040	Clutch Housing	1
49	39-7480	Flywheel Cover	1
50	322-4	Capscrew	4
51	18-1760	Sending Unit — Oil Pressure	1
52	353-421	Adapter	1
53	3296-12	Locknut	1
54	3217-26	Nut	1
55	37-1030	Belt — Alternator & Pump	2
56	37-4880	Pulley Crankshaft	1
57	3290-134	Machine Screw	1
58	3217-7	Nut	1
59	3211-4	Capscrew	1
60	39-7560	Capscrew	2
61	37-1040	Alternator & Pump Support	1
62	19-7470	Fan (Perkins No. 0360084)	1
63	3217-6	Nut	1
64	19-3470	Pulley	1
65	323-14	Capscrew	1

Ref. No.	Part No.	Description	No. Used
66	322-3	Capscrew	1
67	18-1600	Fan	1
68	21-0350	Capscrew	1
69	37-1630	Arm Alternator Adjustment	1
70	39-7370	Alternator 42 Amp	1
71	3254-8	Lockwasher	1
72	39-7530	Nut	1
73	19-3250	Hose — Line to Filter	1
74	2412-6	Hose Clamp	1
75	19-3680	Mount Water Trap	1
76	19-3740	Tube Hose to Water Trap	1
†77	0571346	Nut Compression	3
†78	0566004	Sleeve Compression	3
†79	2656084	Water Trap	1
80	323-6	Capscrew	2
81	3211-2	Capscrew	1
82	32146-2	Locknut	2
83	39-7310	O-Ring Seal	3
84	21-0370	Lockwasher	4

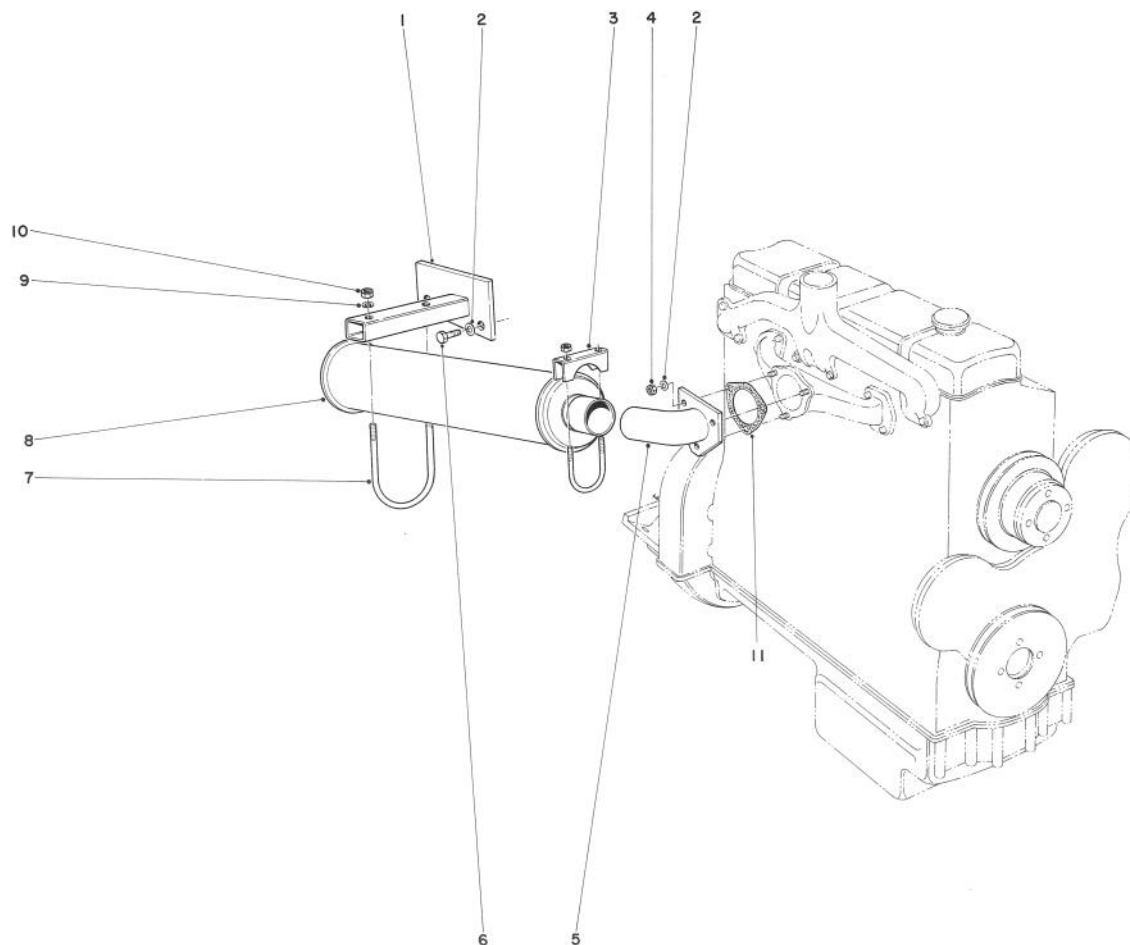
†Obtain from your local Perkins Dealer.



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	2
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



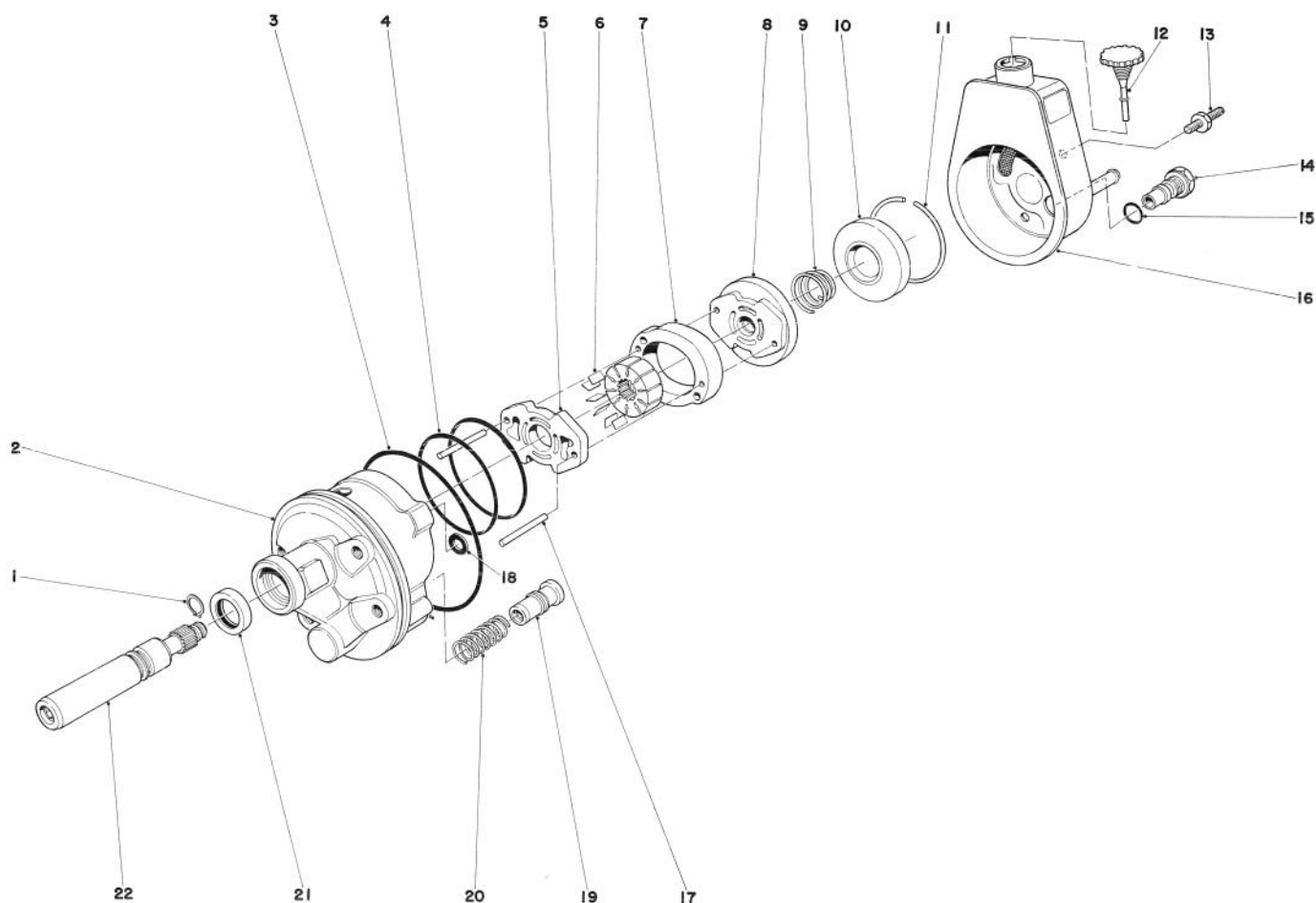
ENGINE EXHAUST ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	36-9450	Muffler Support	1
2	3253-21	Lockwasher	5
3	20-4840	Clamp — Muffler	1
4	3219-3	Nut	3
5	19-8510	Exhaust Elbow	1
6	323-5	Capscrew	2
7	19-7440	U-Bolt	1

Ref. No.	Part No.	Description	No. Used
8	19-3860	Muffler	1
*	37-4250	Spark Arresting Muffler — Optional	1
9	3256-23	Flat Washer	2
10	32146-5	Locknut	2
†11	36822111	Gasket	1

*Not Illustrated

†Obtain from your local Perkins Dealer.



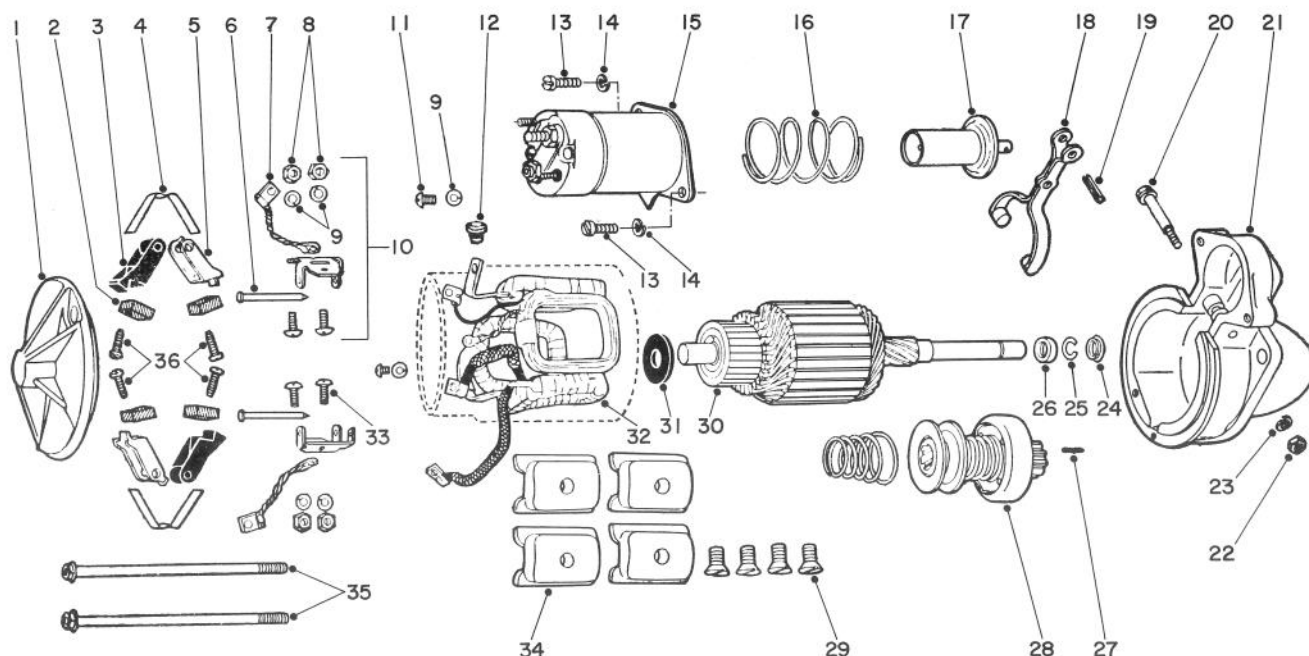
PUMP POWER STEERING NO. 39-7360

Ref. No.	Part No.	Description	No. Used
1	37-8320	Ring, Shaft Retaining	1
†2	39-8690	Housing Hydraulic Pump (Incl. Ref. #21)	1
3	37-8360	Seal O-Ring	1
4		Seal Service Kit	2
5	37-8310	Thrust Plate	1
6	37-8430	Ring Service Kit Rotor Vane (Incl. Ref. #1 & 7)	1
7	37-8350	Pump Ring	1
8	37-8370	Pressure Plate	1
9	37-8390	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

Ref. No.	Part No.	Description	No. Used
14	39-8680	Fitting Assembly (Incl. Ref. #15)	1
15	39-8710	Seal O-Ring	1
16	37-8400	Reservoir Service Kit Hyd. Pump (Incl. Ref. #3)	1
17	37-8300	Pin Pump Ring Dowel	2
18		Seal	1
19	37-8410	Valve Assembly Control	1
20	37-8450	Spring Flow Control	1
21	37-8340	Seal, Drive Shaft	1
22	37-8280	Shaft Service Ret. & Dr. (Incl. Ref. #1)	1
*	37-8460	Seal Service Kit (Incl. Ref. #3, 4, 15, 18 & 21)	1
*	39-7360	Power Steering Pump Complete	1

*Not Illustrated

†Part only available by ordering 39-7360 Power Steering Pump.

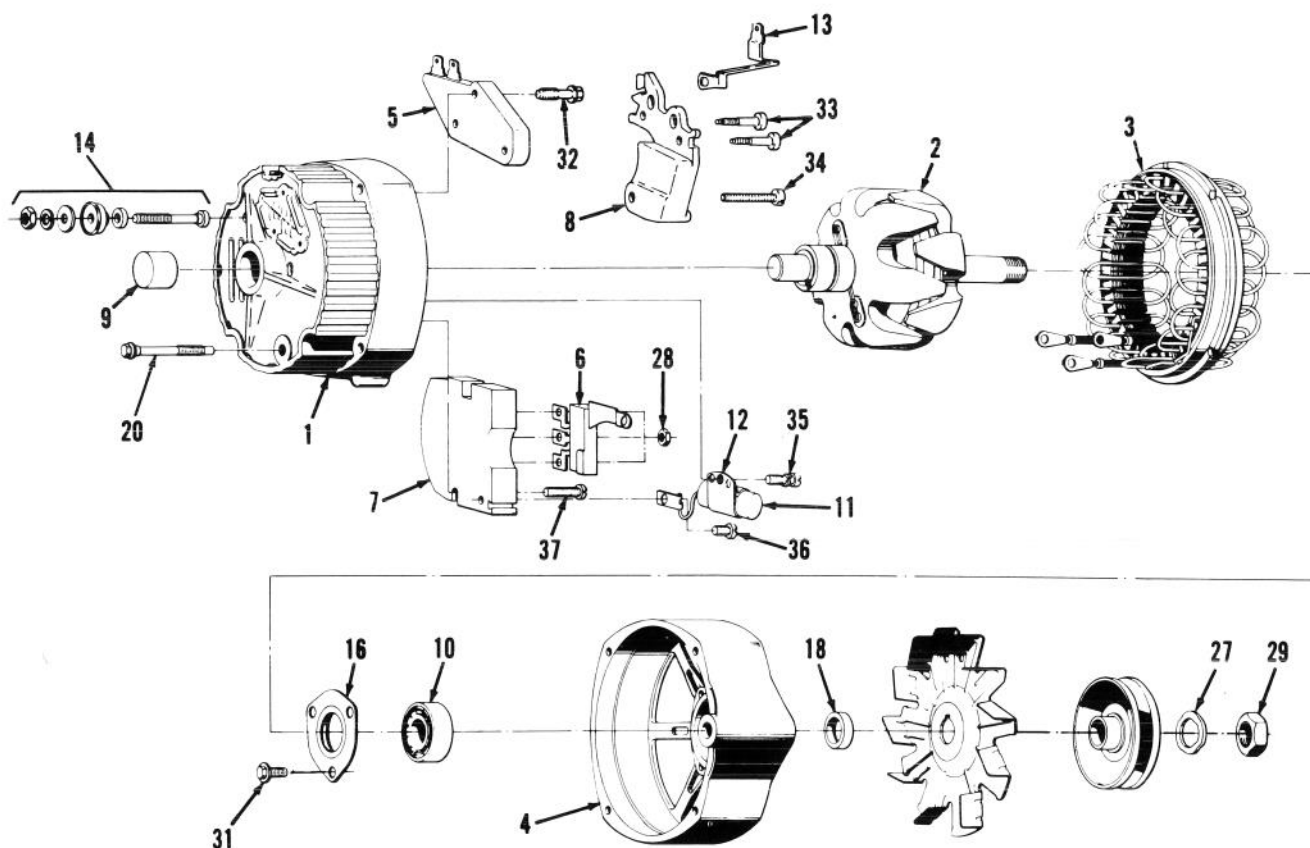


STARTER MOTOR ASSEMBLY NO. 19-3460

Ref. No.	Part No.	Description	No. Used
1	1940385	Frame (Incl. Bushing 1872678)	1
2	1946434	Brushes	4
3	1926618	Holder (Insulation)	2
4	1926622	Springs	2
5	1940477	Holder (Ground)	2
6	1938058	Brush Holder Pin	2
7	1960864	Lead (Ground)	2
8	120361	Brush Holder Nut	4
9	453435	Lockwasher	5
10	1928015	Support Package	2
11	453468	Screw	1
12	1955946	Grommet	1
13	132255	Screw	2
14	9421423	Lockwasher	2
15	1114356	Switch	1
16	1958679	Spring Plunger	1
17	1941113	Plunger	1
18	1951567	Shift Lever	1
19	455106	Lever Pin	1

Ref. No.	Part No.	Description	No. Used
20	1932197	Lever Stud	1
21	1965225	Drive Housing (Incl. Connector 1964954)	1
22	1926640	Nut	1
23	9421424	Lockwasher	1
24	1838568	Thrust Collar	1
25	1928022	Retainer Ring	1
26	1928021	Collar Stop	1
27	809593	Dowel Pin	1
28	1941157	Drive Assembly	1
29	1913960	Screw	4
30	1950417	Armature	1
31	1914842	Leather Washer	1
32	1955951	Coil Assembly	1
33	274738	Screw	4
34	1887021	Pole Shoe	4
35	1960908	Bolt	2
36	274875	Screw	4
*	19-3460	Starter Motor Complete (Delco-Remy No. 1107580)	1

*Not Illustrated



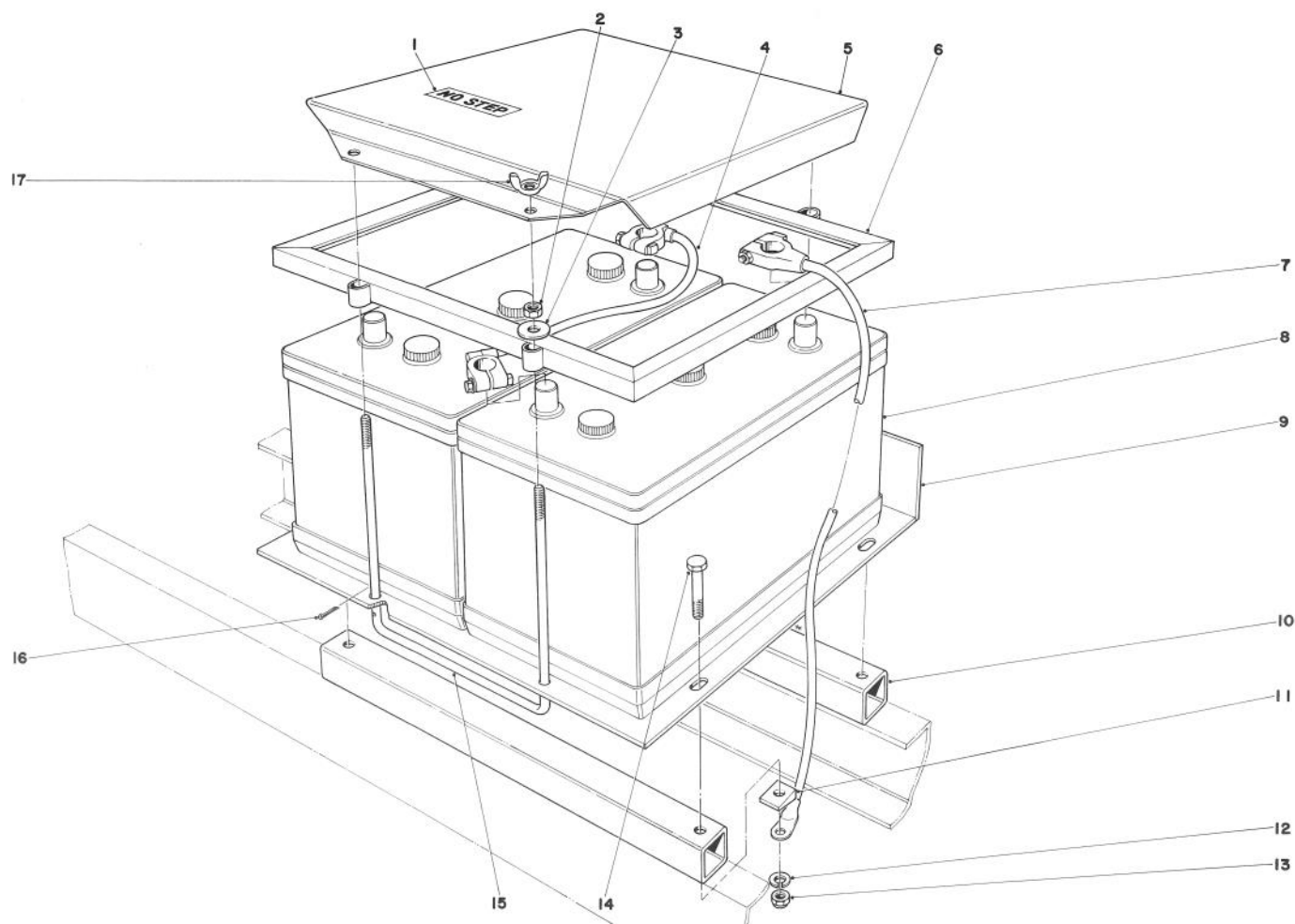
ALTERNATOR ASSEMBLY NO. 39-7370

Ref. No.	Part No.	Description	No. Used
1	1975718	S.R.E. Frame (Incl. Ref. #9-14)	1
2	1876163	Rotor Assembly	1
3	1894594	Stator Assembly	1
4	1976808	Frame D.E.	1
5	1116392	Regulator	1
6	1971528	Diode Trio	1
7	1891055	Rectifier Bridge	1
8	1894559	Brush Holder & Brush Assy.	1
9	1974862	Roller Bearing — S.R.E.	1
10	1974861	Ball Bearing D.E.	1
11	1971411	Capacitor	1
12	1869573	Bracket — Capacitor	1
13	1894568	Terminal — Relay	1
14	1975471	Terminal Package	1
16	1971993	Plate — Ball Bearing Retainer — D.E.	1
18	1976138	Collar — Shaft Outside — D.E.	1

Ref. No.	Part No.	Description	No. Used
20	1956975	Bolt Thru	4
27	1941978	Lockwasher Shaft Nut D.E.	1
28	120622	Nut-Rectifier Bridge	3
29	1915172	Nut-Shaft D.E.	1
31	1965104	Screw-Bearing Retainer	3
32	1894586	Screw & Washer — Brush Holder Attaching (Ground)	1
33	1876681	Screw Assy. — Brush Holder Attaching (Insulated)	2
34	1974020	Screw — Brush Holder Attaching Pivot	1
35	1851612	Screw Capacitor Bracket	1
36	1851612	Screw — Capacitor Lead Attaching	1
37	1876668	Screw & Washer — Rectifier Bridge Attaching	1
*	39-7370	Alternator Complete	1

*Obtain from local Toro Distributor.

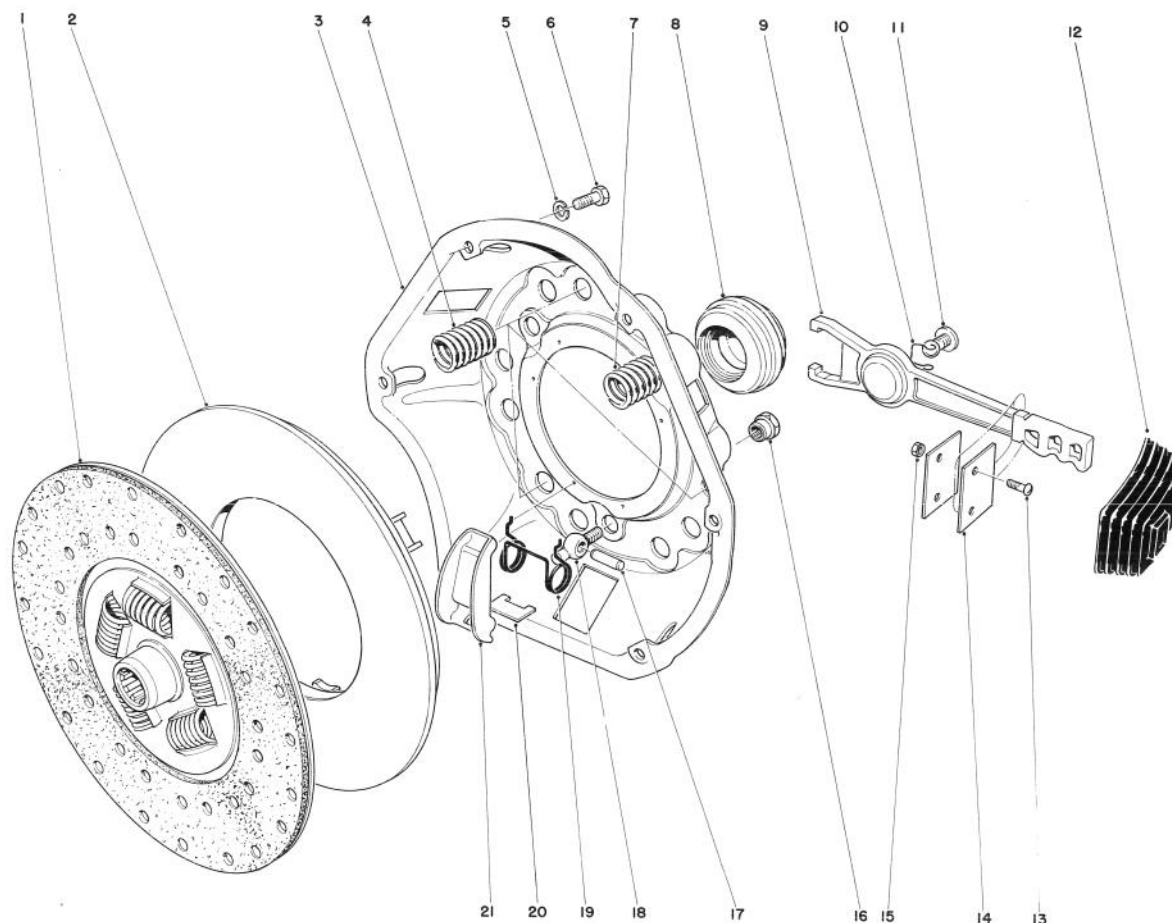
26 Obtain all other parts from your local GM, Chevrolet Dealer, or Delco-Remy Dealer.



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	3253-21	Lockwasher	4
13	3217-7	Nut	4
14	323-13	Capscrew	4
15	19-3180	U-Bolt Battery Hold Down	2
16	3272-6	Cotter Pin	2
17	32103-2	Wing Nut	4



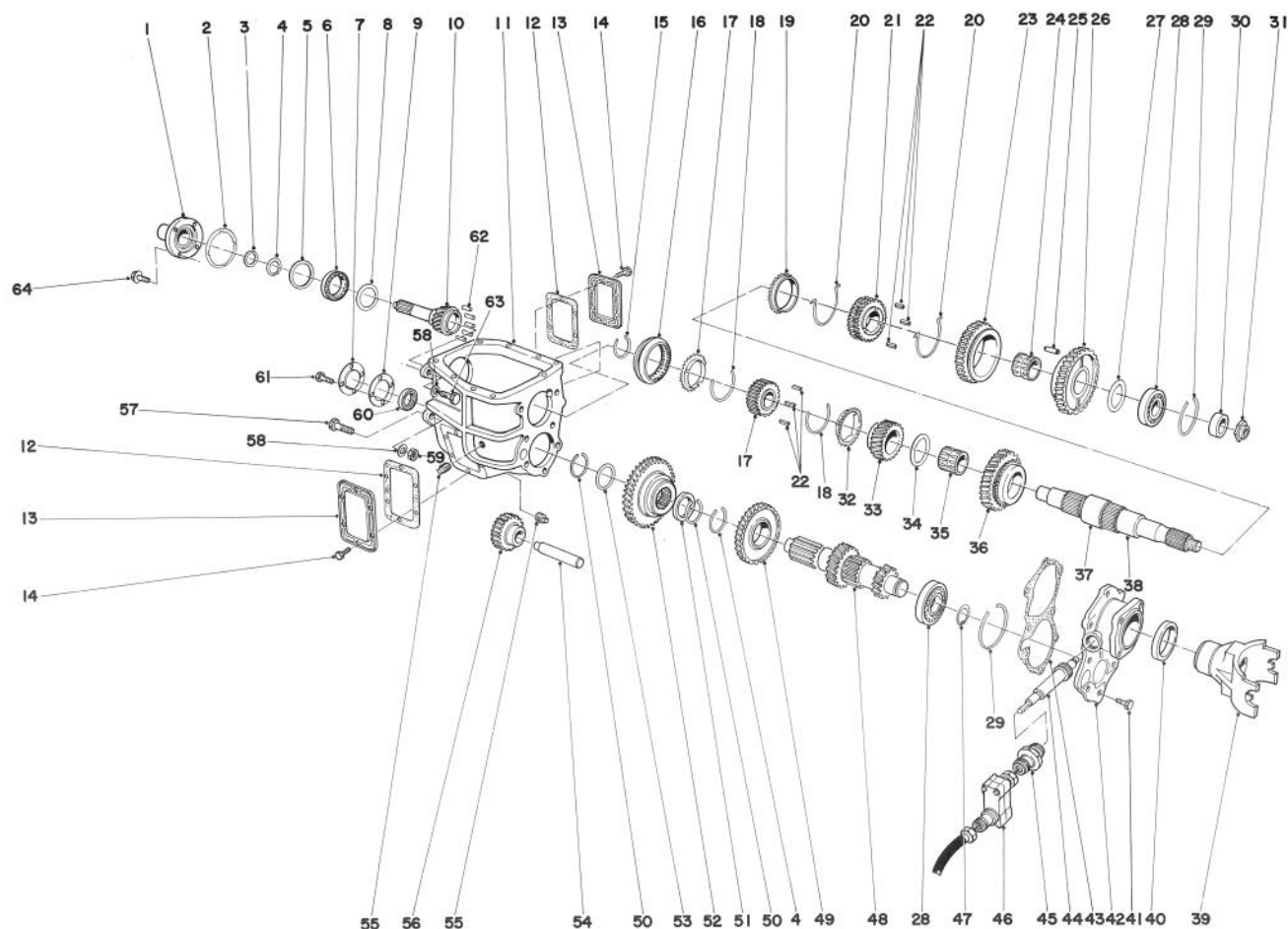
CLUTCH ASSEMBLY NO. 20-0450

Ref. No.	Part No.	Description	No. Used
1	19-3570	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.



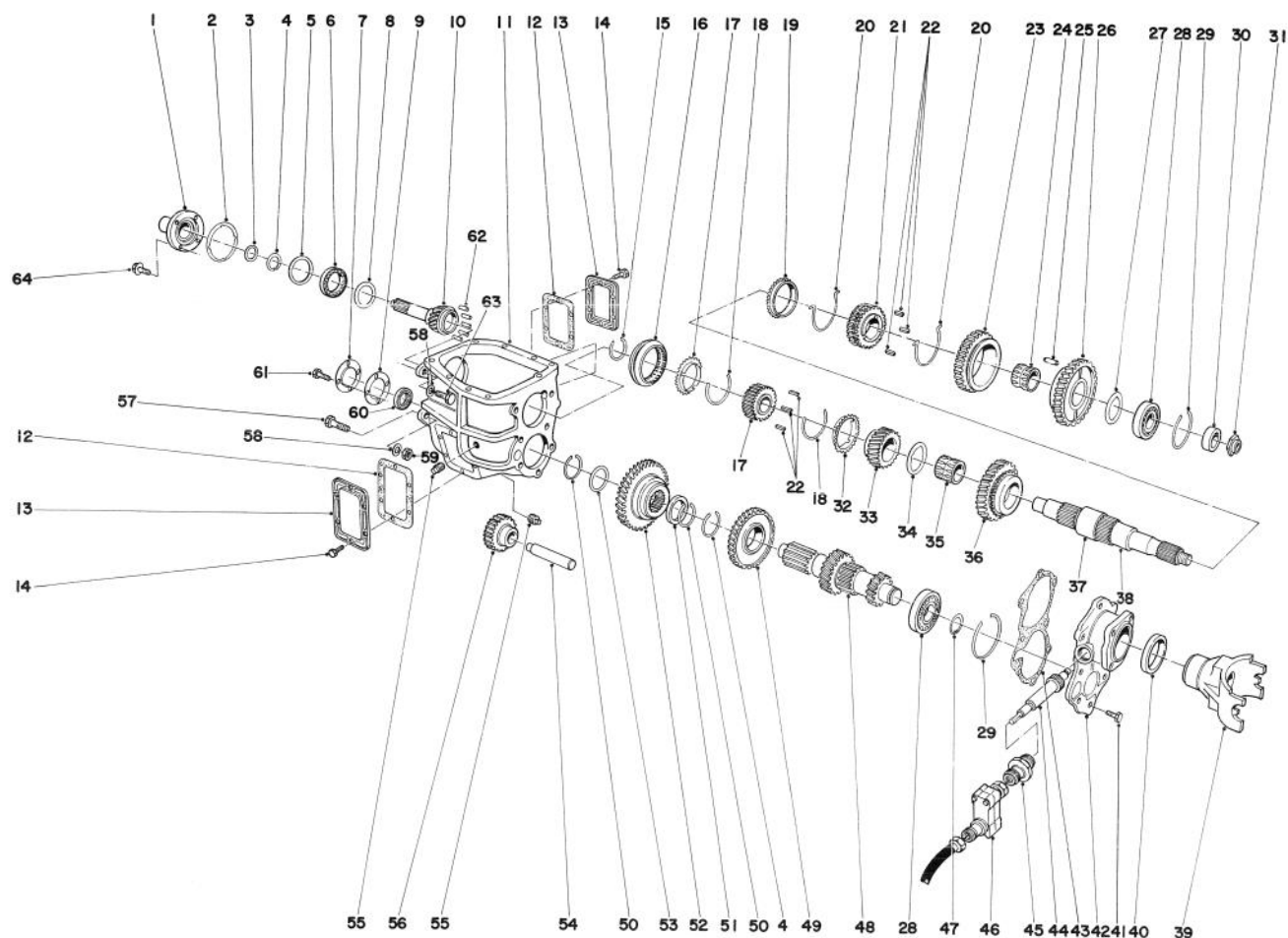
TRANSMISSION ASSEMBLY NO. 36-9320

Ref. No.	Part No.	Description	No. Used
1	3901178	Retainer Pilot Gear	1
2	3930800	Gasket	1
3	3987937	Seal	1
4	3901152	Ring Retaining	2
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	465453	Case With Plugs	1
12	6273214	Gasket - Power Take-Off	2
13	6273213	Cover - Power Take-Off	2
14	3905486	Bolt - Power Take-Off Cover	12
15	3901166	Ring	1
16	3901165	Clutch	1
17	3901164	Hub	1
18	3866359	Spring	2
19	3950367	Cone	1
20	3866646	Spring	2
21	3946776	Hub	1
22	3866358	Key	6
23	3901170	Gear	1

Ref. No.	Part No.	Description	No. Used
24	465455	Bushing	1
25	456587	Pin	2
26	476766	Gear	1
27	465450	Thrust Washer	1
28	907474	Bearing	2
29	3830051	Ring	2
*	907474	Ring (Optional For Item #29)	2
30	3866742	Gear	1
31	3830575	Nut	1
32	3993036	Cone	2
33	3901161	Gear	1
34	3932267	Washer	1
35	3932274	Bushing	1
36	3901158	Gear	1
37	3932253	Bushing	1
38	3932265	Shaft	1
39	3915056	Universal Flange Front	1
40	3911917	Seal	1
41	3911926	Bolt	8
42	465217	Retainer	1
43	3930800	Gasket	1
†44	3866917	Driven Gear	1
45	40-9330	Sleeve	1

*Not Illustrated.

†Obtain from your local GM, Chevrolet Dealer.



TRANSMISSION ASSEMBLY NO. 36-9320 (Continued)

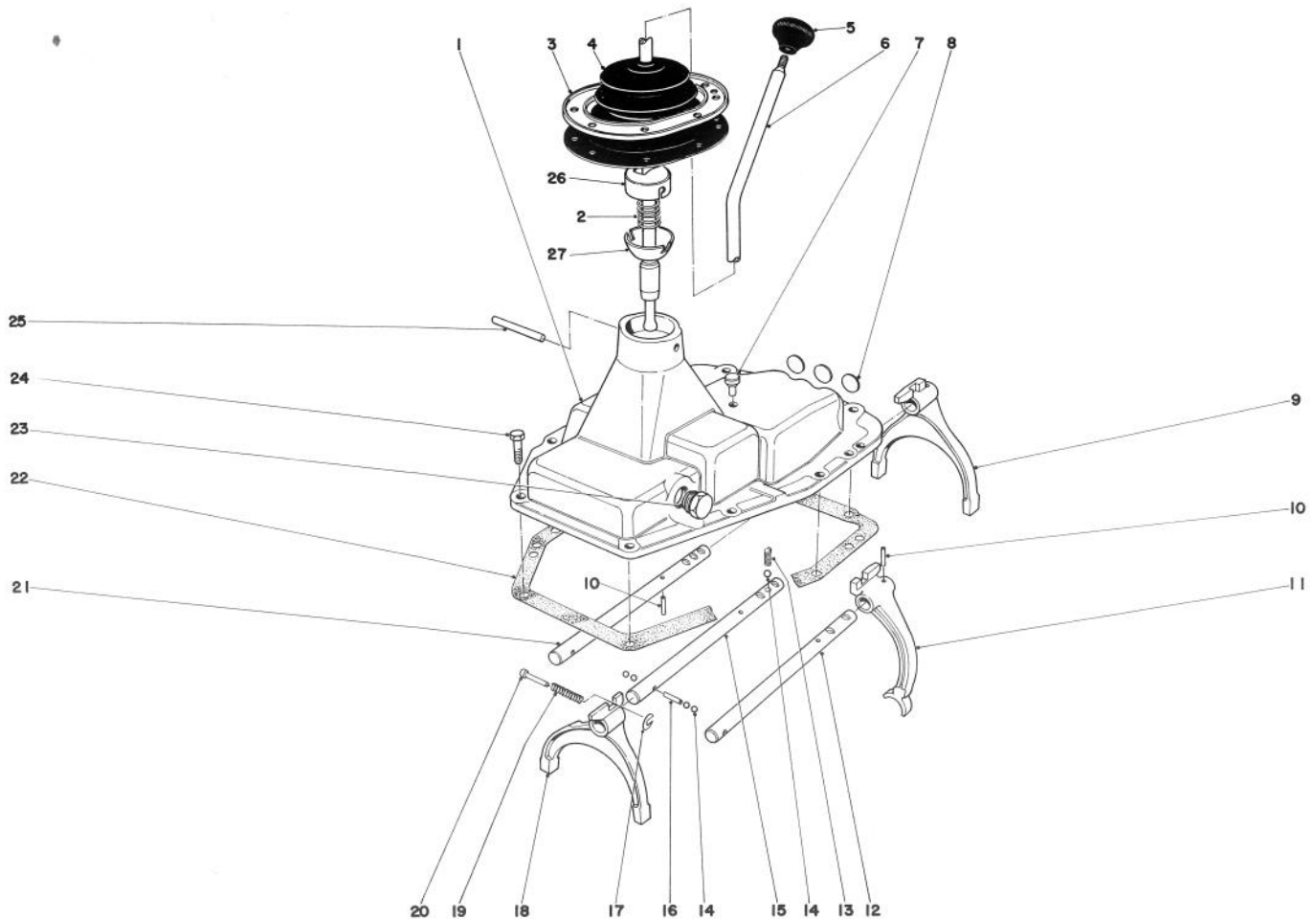
Ref. No.	Part No.	Description	No. Used
46	36-9290	Adapter - Gear Reducer	1
47	3866346	Ring	1
48	465449	Gear	1
49	3968038	Gear	1
50	3920703	Ring	2
51	3946795	Spacer	1
52	3955570	Gear	1
53	3901153	Thrust Washer	1
54	3901144	Shaft - Rev. Idle	1
55	444746	Plug	2
*	444744	Plug (Optional For Item #55)	2

Ref. No.	Part No.	Description	No. Used
56	3901141	Gear	1
††57	325-8	Capscrew	2
††58	3253-7	Lockwasher	4
††59	3217-9	Nut	2
60	7451785	Bearing	1
61	435141	Screw	4
62	9422666	Roller Bearing	17
*	7451535	Roller Bearing (Optional For Item #62)	17
††63	325-6	Capscrew	2
64	3920784	Screw	4

* Not Illustrated

†† Obtain from your local Toro Dealer.

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

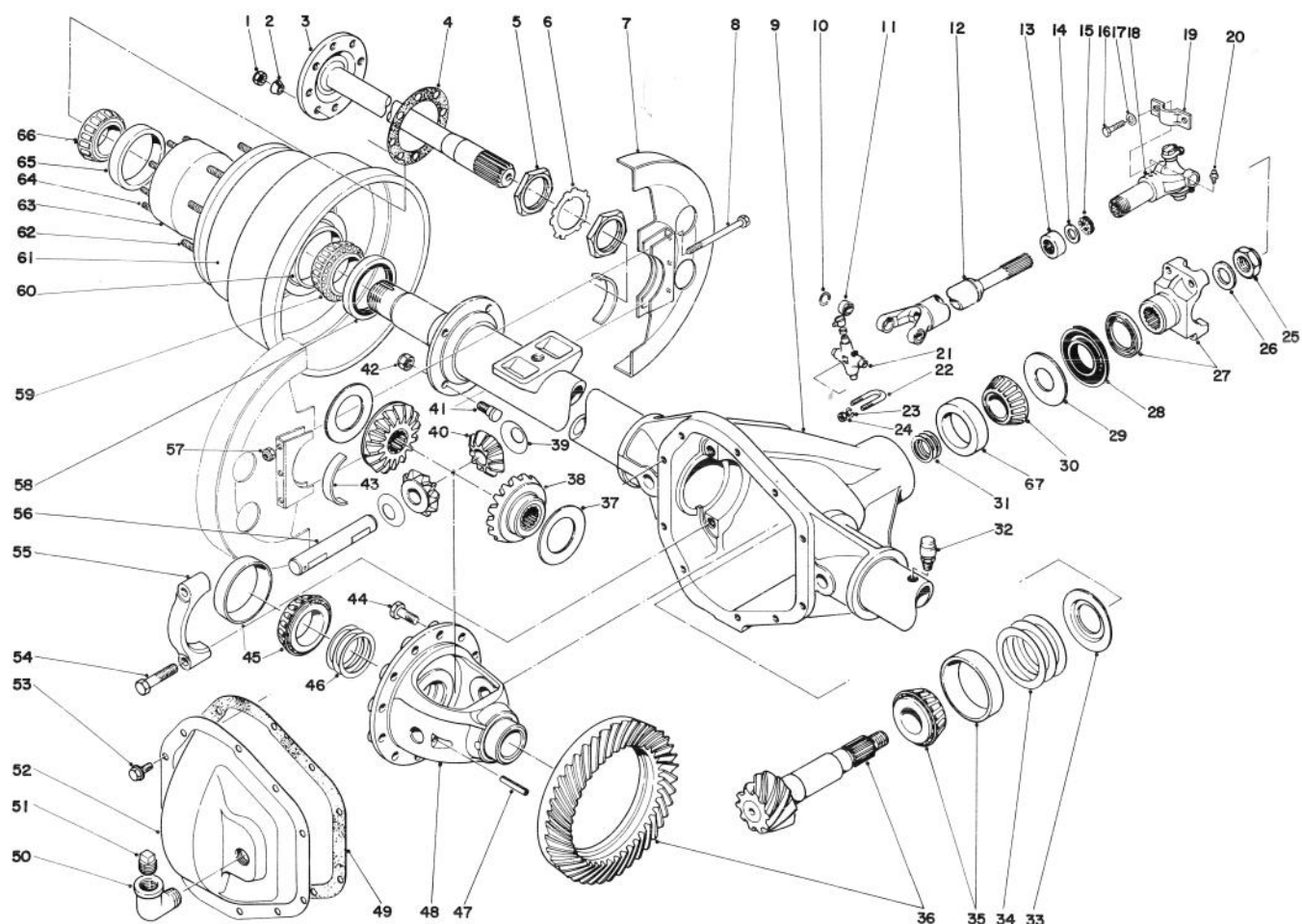


TRANSMISSION COVER

Ref. No.	Part No.	Description	No. Used
1	3952668	Cover	1
2	3683582	Spring - Transmission Control	1
3	378351	Retainer - Transmission	1
4	378340	Boot Transmission	1
†5	233-10	Knob Gear Shift Lever	1
†6	36-9710	Lever Transmission Control	1
7	3820840	Ventilator Assembly	1
8	103894	Plug	3
9	3901137	Fork 1st & 2nd	1
10	273503	Pin	3
11	3978730	Fork Rev.	1
12	3901132	Shaft Rev.	1
13	551946	Spring	3

Ref. No.	Part No.	Description	No. Used
14	453593	Ball	7
15	3952669	Shaft 3rd & 4th	1
16	3901139	Pin	1
17	3727182	Retainer - Rev. Shaft	1
18	3901138	Fork 3rd & 4th	1
19	3978731	Spring	1
20	3864968	Plunger	1
21	3901133	Shaft 1st & 2nd	1
22	3901128	Gasket Transmission Cover	1
†23	36-9430	Plug - Transmission	1
24	3911926	Screw	8
25	456587	Pin	2
26	3988627	Cap Transmission Control	1
27	3988628	Cup Transmission Control	1

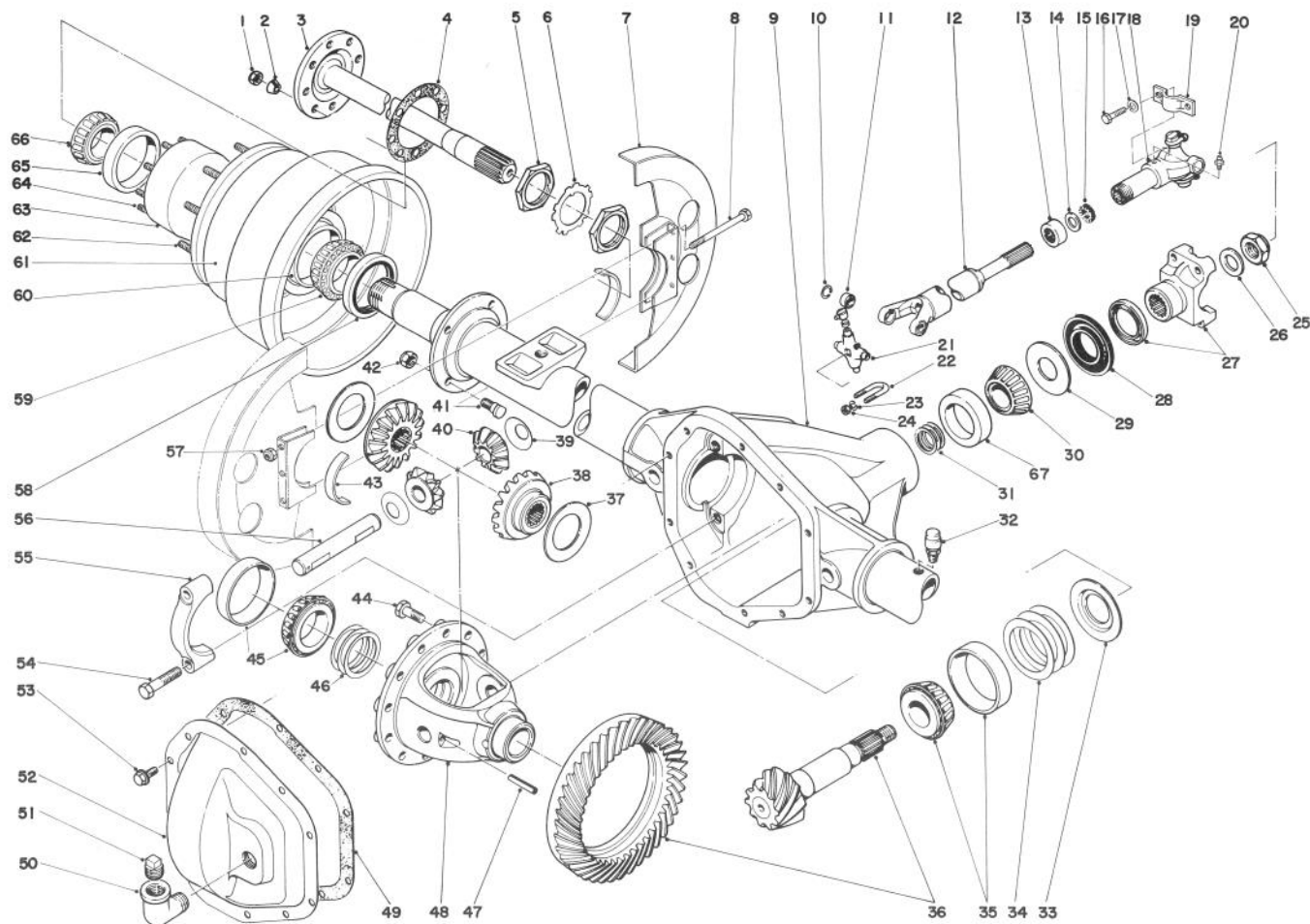
†Order from Toro. Obtain all other parts from your local GM, Chevrolet dealer.



REAR AXLE (36-9830) AND DRIVE LINE (36-9490)

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	38-1870	Grass Shield	4
8	321-36	Capscrew	4
9		Case Differential Assembly	1
10	18-4650	Retaining Ring	4
11		Bearing Assembly	8
12	18-4720	Shaft Assembly	1
13	18-4730	Retainer Cap	1
14	18-4710	Washer	1
15	18-4700	Felt Dust Seal	1
16	3210-8	Capscrew	4
17	3253-4	Lockwasher	4
18	18-4680	Slip Yoke	1
19	36-9400	Retainer	2
20	18-4690	Grease Fitting	1
21	18-8700	Cross Journal Assembly (Incl. Ref. #10, 11, 15 & 20)	2
22	214-229	U-Bolt	2

Ref. No.	Part No.	Description	No. Used
23	3253-21	Lockwasher	4
24	32146-6	Nut	4
25	18-9360	Nut Pinion	1
26	18-9370	Washer Pinion Nut	1
27	19-6700	End Yoke Assembly	1
28	18-9390	Seal Pinion	1
29		Slinger Pinion Bearing	1
30	18-9410	Cone Bearing	1
31	37-8560	Pinion Bearing Shim Kit	1
32	37-7570	Vent	1
33		Baffle — Pinion Bearing	1
34	37-8550	Drive Pinion Adj. Shim Kit	1
35	37-8540	Inner Pinion Bearing Kit	1
36	37-8530	Gear, Pinion & Nut Assembly Hypoid Drive	1
37		Thrust Washer Gear	2
38		Gear Differential	2
39		Thrust Washer Pinion	2
40		Pinion Gear	2
41	19-6830	Brake Flange Bolt	8
42	3296-19	Locknut	8
43	38-2100	Shim	A/R
44	18-9340	Bolt — Drive Gear	12

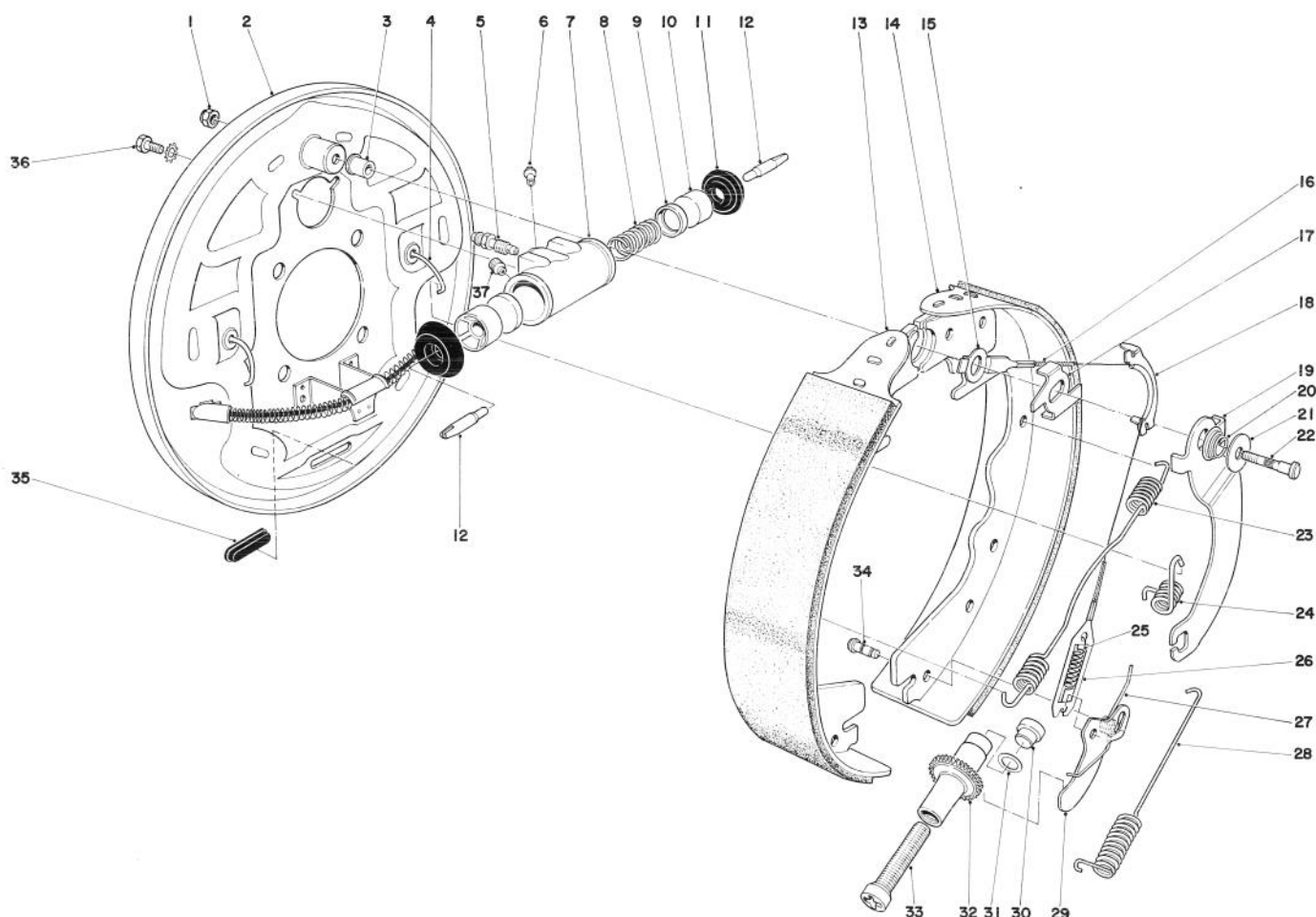


REAR AXLE (36-9830) AND DRIVE LINE (36-9490) (Continued)

Ref. No.	Part No.	Description	No. Used
45	37-8610	Differential Bearing Kit	2
46	37-8590	Differential Bearing Shim Kit	2
47	19-6630	Lock - Differential	1
48		Case Differential	1
49	37-8580	Gasket Carrier Cover	1
50	2811-8	Street Elbow	1
51	19-7090	Pipe Plug	1
52		Gear Carrier Cover	1
53	18-9200	Bolt Carrier Cover	10
54	325-9	Differential Bearing Cap Bolt	4
55		Cap Differential Bearing	2
56		Shaft Differential	1
57	32146-17	Locknut	4
58	253-128	Oil Seal	2
59	254-98	Bearing Cone	2
60	254-100	Bearing Cup	2
61	37-8490	Wheel Drum	2
62	242-67	Wheel Bolt	16
63	37-8500	Wheel Hub	2

Ref. No.	Part No.	Description	No. Used
64	242-68	Flange Stud	16
65	254-99	Bearing Cup	2
66	254-101	Bearing Cone	2
67	18-9420	Cup Bearing	1
*	37-8520	Gear & Pinion Drive Assy. Kit (Incl. Ref. #25-26, 28-31, 33-36, 44, 46 & 49)	1
*	37-8600	Differential Case Assy. Kit (Incl. Ref. #37-40, 45, 47-48 & 56)	1
*	37-8620	Differential Parts Kit (Incl. Ref. #37-40, 44, 47, 49 & 56)	1
*	37-8630	Carrier Cover Assembly (Incl. Ref. #49 & 51-53)	1
*	18-8700	Journal & Bearing (Incl. Ref. #10, 11, 15 & 20-21)	1
*	36-9830	Rear Axle Complete	1
*	36-9490	Drive Line Complete	1

*Not Illustrated

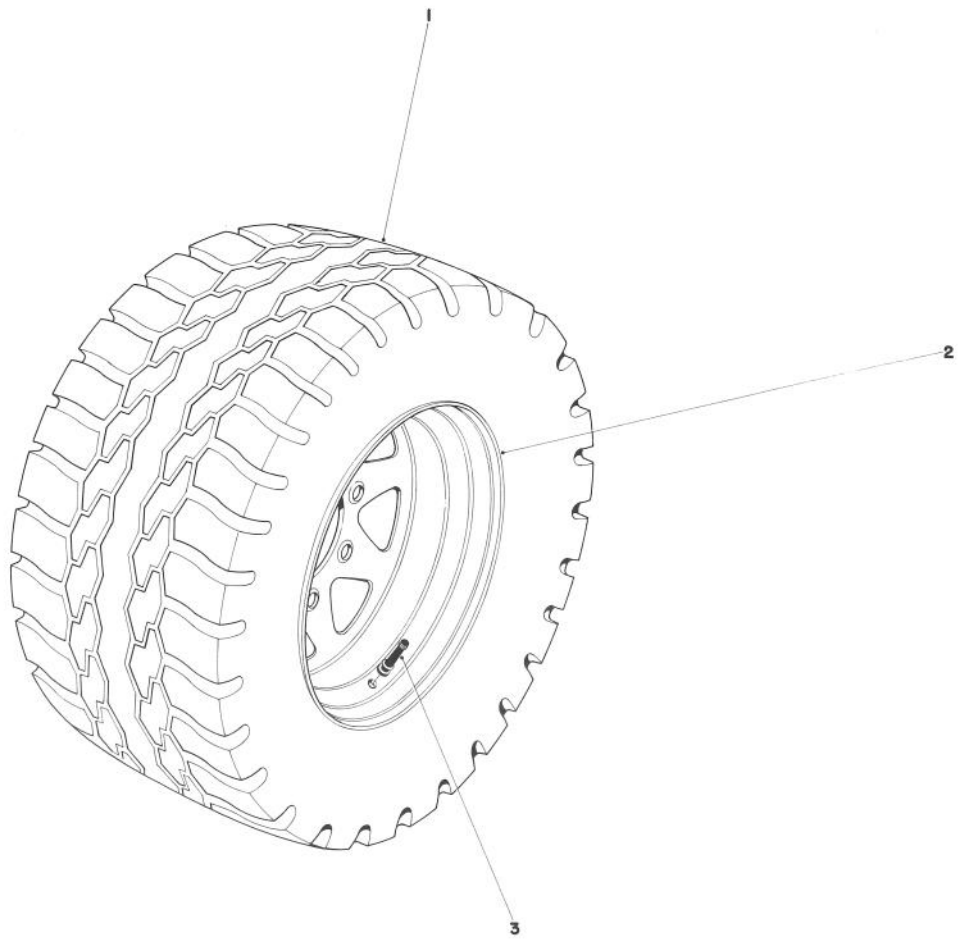


REAR BRAKE ASSEMBLY (37-1010 R.H. & 37-1020 L.H.)

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	37-4020	Shoe & Lining Primary Front L.H.	1
*	37-4030	Shoe & Lining Primary Front R.H.	1
14	37-3560	Shoe & Lining Secondary Rear L.H.	1
*	37-3570	Shoe & Lining Secondary Rear R.H.	1
15		Fitting Anchor End	2
16		Cable	2
17	37-3690	Cam Plate - Preg. Br. Lever L.H.	1
*	37-3700	Cam Plate - Preg. Br. Lever L.R.	1
18	37-3780	Cable Guide	2
19	37-3630	Lever Parking Brake L.H.	1
*	37-3640	Lever Parking Brake R.H.	1
20	37-3620	Spring Anti Rattle Cam & Lever	2
21	37-3600	Washer Parking Lever Retainer	2

*Not Illustrated

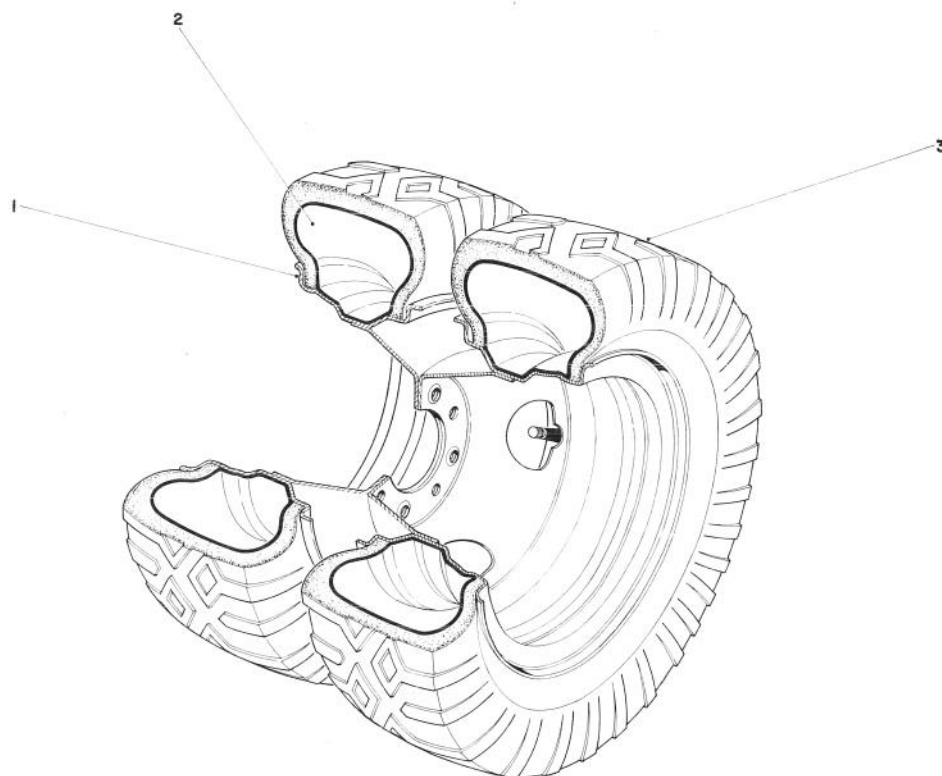
Ref. No.	Part No.	Description	No. Used
22	37-3610	Anchor Bolt	2
23	37-3990	Spring - Shoe To Shoe	2
24	37-3790	Spring Shoe Hold Down L.H.	4
25		Spring Over Travel	2
26		Fitting Lever End	2
27	37-3800	Spring Auto Adjusting L.H.	1
*	37-3810	Spring Auto Adjusting R.H.	1
28	37-4000	Spring Shoe To Shoe	2
29	37-3830	Lever Auto Adjuster	2
30	37-3940	Socket Pivot	2
31	37-3950	Washer Adjusting Nut	2
32	37-3900	Adjusting Nut L.H.	1
*	37-3910	Adjusting Nut R.H.	1
33	37-3930	Pivot Screw R.H.	1
*	37-3920	Pivot Screw L.H.	1
34	37-3820	Pin Auto Adjuster Lever	2
35	37-3960	Cover Adjusting Hole	2
36	37-3980	Screw & Lockwasher	4
37		Body Screw	1
*	37-3580	Lever Cable Cam Bolt Assy. L.H. (Incl. Ref. #3, 15-17, 19-22 & 25-26)	1
*	37-3590	Lever Cable Cam Bolt Assy. R.H. (Incl. Ref. #3, 15-17, 19-22 & 25-26)	1
*	37-3720	Cable & Fitting Assembly (Incl. Ref. #15-16 & 25-26)	2
*	37-1010	Brake Assy. R.H. Complete	1
*	37-1020	Brake Assy. L.H. Complete	1
*	40-9250	Shoe & Lining Set (Incl. Ref. #13 & 14)	1



REAR TIRES AND RIMS 31 X 13.5 X 15

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

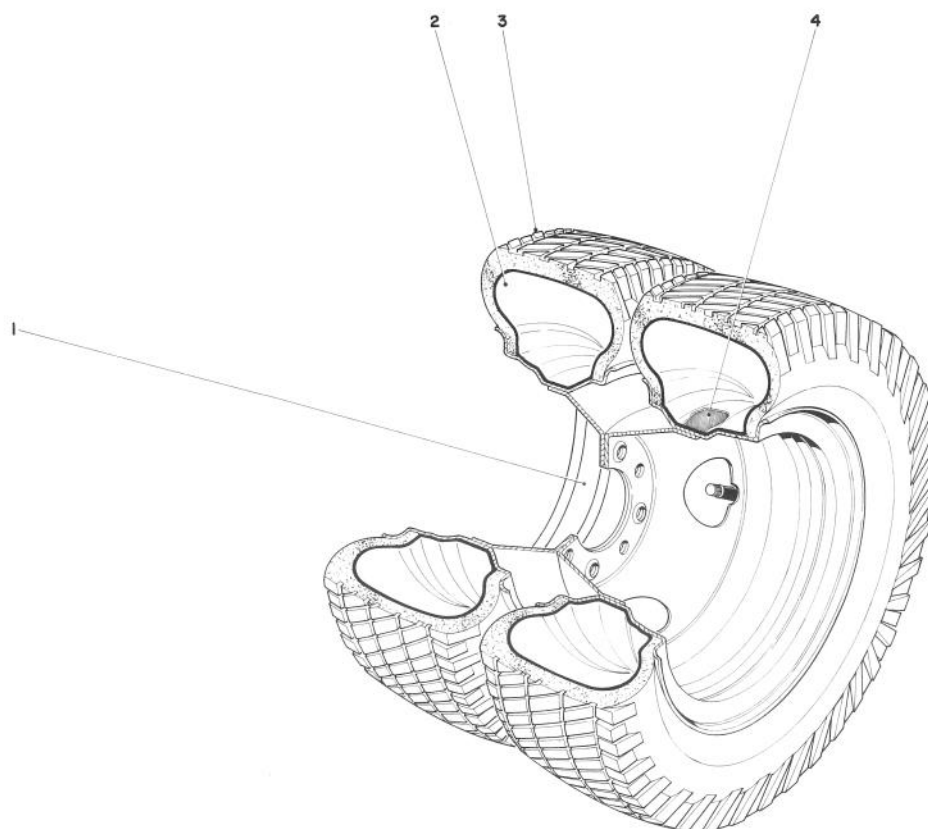
Ref. No.	Part No.	Description	No. Used
3	232-35	Valve Stem W/Cap	2



REAR TIRES AND RIMS 7.50 X 16

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

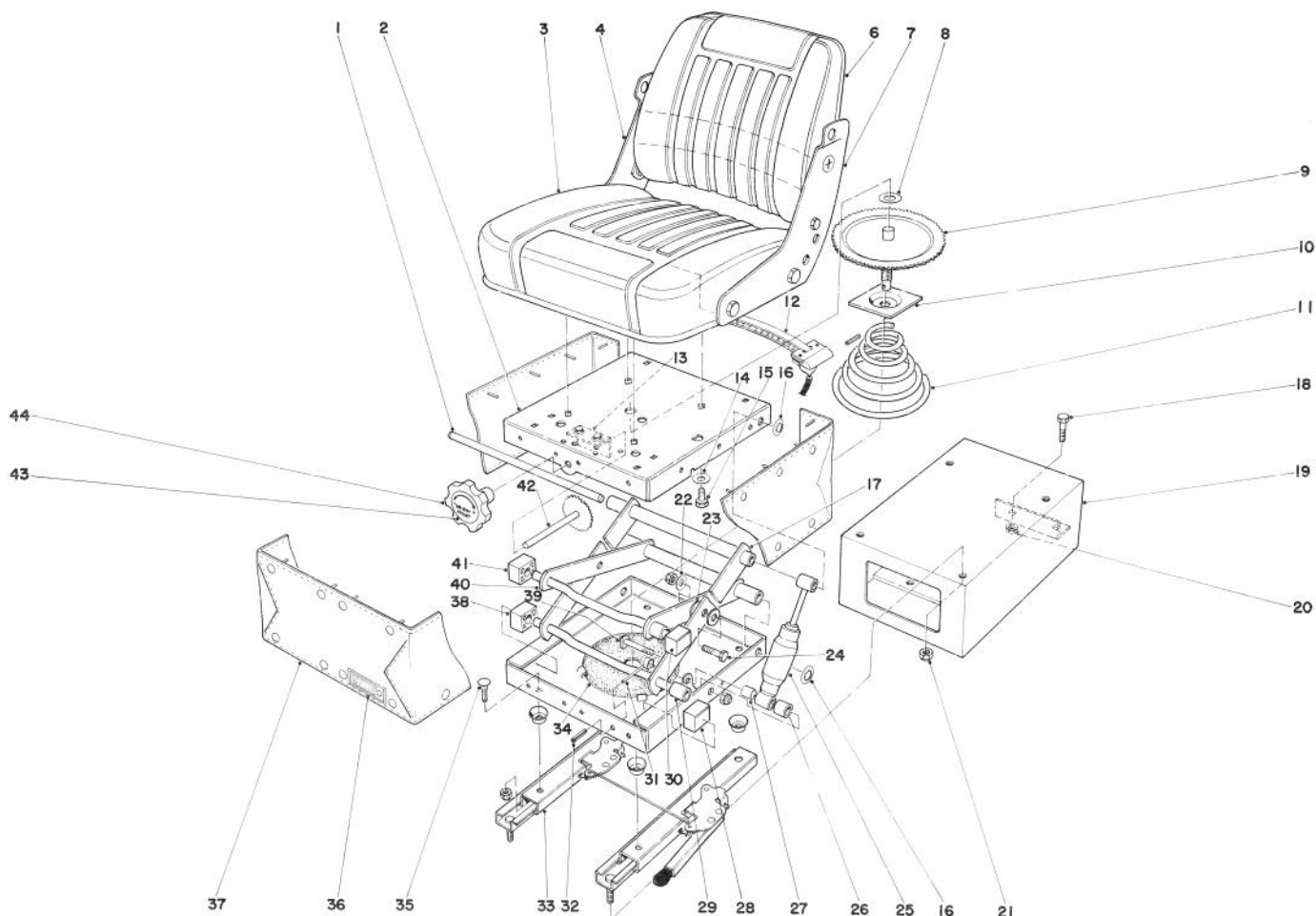
Ref. No.	Part No.	Description	No. Used
3	231-5	Tire	4



REAR TIRES AND RIMS 8.00 X 16

Ref. No.	Part No.	Description	No. Used
1	37-4320	Wheel Assembly	4
2	28-9650	Inner Tube	4
3	28-9640	Tire Traction	4

Ref. No.	Part No.	Description	No. Used
4	28-9660	Flap	4

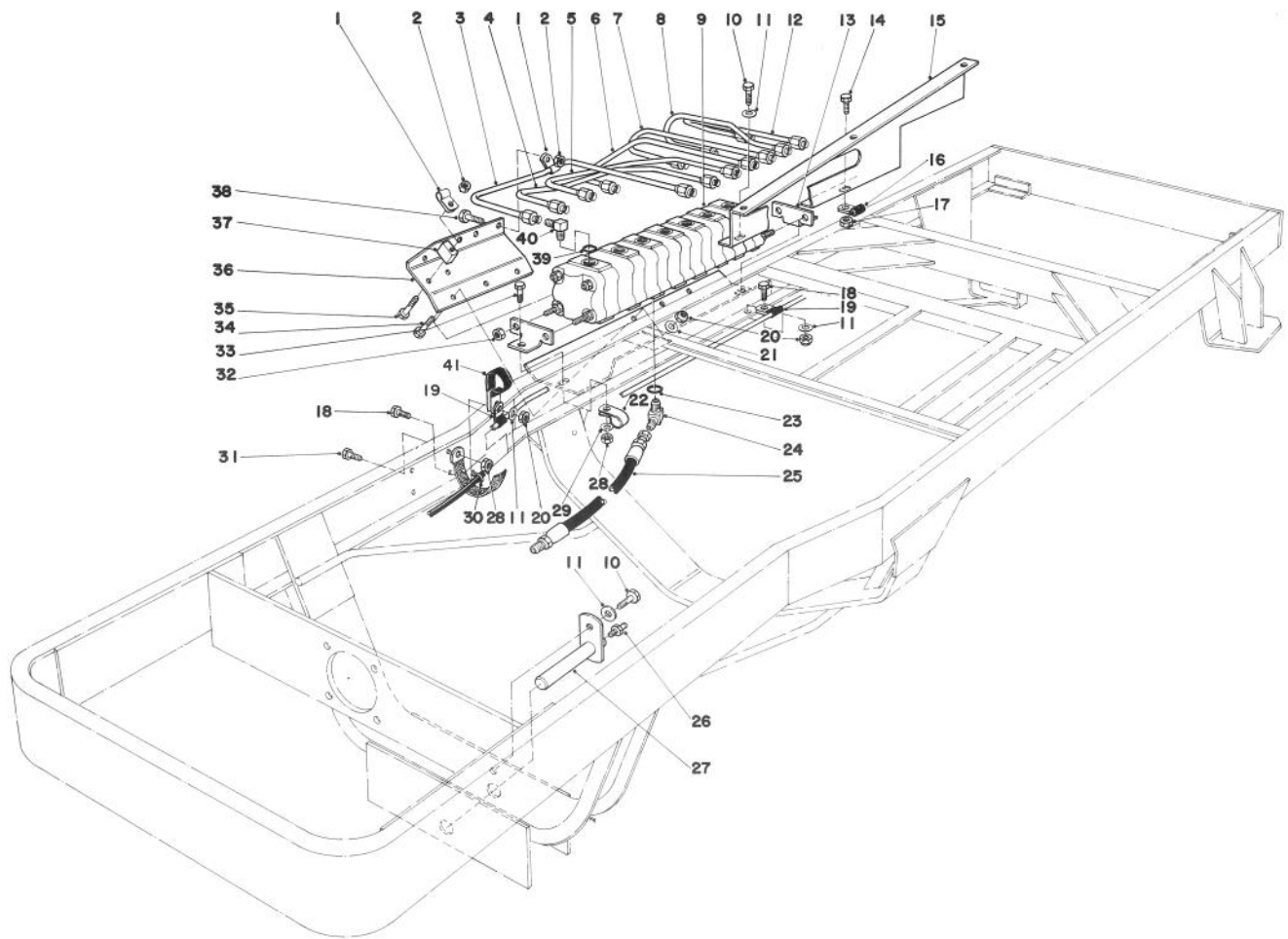


SEAT ASSEMBLY (37-0930) AND SUSPENSION ASSEMBLY (37-0610)

Ref. No.	Part No.	Description	No. Used
1	37-0710	Shaft	2
2	37-0690	Upper Housing Assembly	1
3	37-0600	Seat Cushion Assembly	1
4	37-0580	R. H. Side Bracket	1
6	37-0590	Backrest Cushion Assembly	1
7	37-0570	L. H. Side Bracket	1
8	37-0740	Thrust Washer	1
9	37-0840	Gear Assembly	1
10	37-0830	Washer Assembly	1
11	37-0820	Spring	1
12	38-1420	Seat Switch	1
13	37-0860	Bracket	1
14	3256-24	Washer	4
15	323-4	Capscrew	4
16	37-0720	Push On Fasteners	2
17	37-0890	Outer Arm Assembly	1
18	323-7	Capscrew	4
19	36-9630	Seat Base	1
20	32146-2	Locknut	4
21	32146-5	Locknut	4
22	37-0900	Washer	2
23	37-0910	Bearing	2
24	37-0920	Bolt	2
25	37-0660	Shock Absorber	1

Ref. No.	Part No.	Description	No. Used
26	37-0700	Bumper	2
27	37-0670	Bearing	2
28	37-0650	Slides Block - Lower L. H.	1
29	37-0880	Bearing	4
30	37-0640	Slides Block - Upper L. H.	1
31	37-0780	Ride Indicator	1
32	32121-24	Roll Pin	1
33	37-0790	Base Housing Assembly	1
34	37-0810	Pad	1
35	37-0550	Special Bolt	4
36	37-0770	Decal - Ride Instructions	1
37	37-0760	Boot Assembly	1
38	37-0630	Slides Block - Lower R. H.	1
39	37-0680	Bolt	1
40	37-0870	Inner Arm Assembly	1
41	37-0620	Slides Block - Upper R. H.	1
42	37-0850	Gear Assembly	1
43	37-0750	Decal	1
44	37-0730	Knob	1
*	37-0930	Seat Assembly (Incl. Ref. #3, 4, 6 & 7)	1
*	37-0610	Suspension Assembly (Incl. Ref. #1,2,9-11,13,16-17,22-26, 28-34 & 36-44)	1

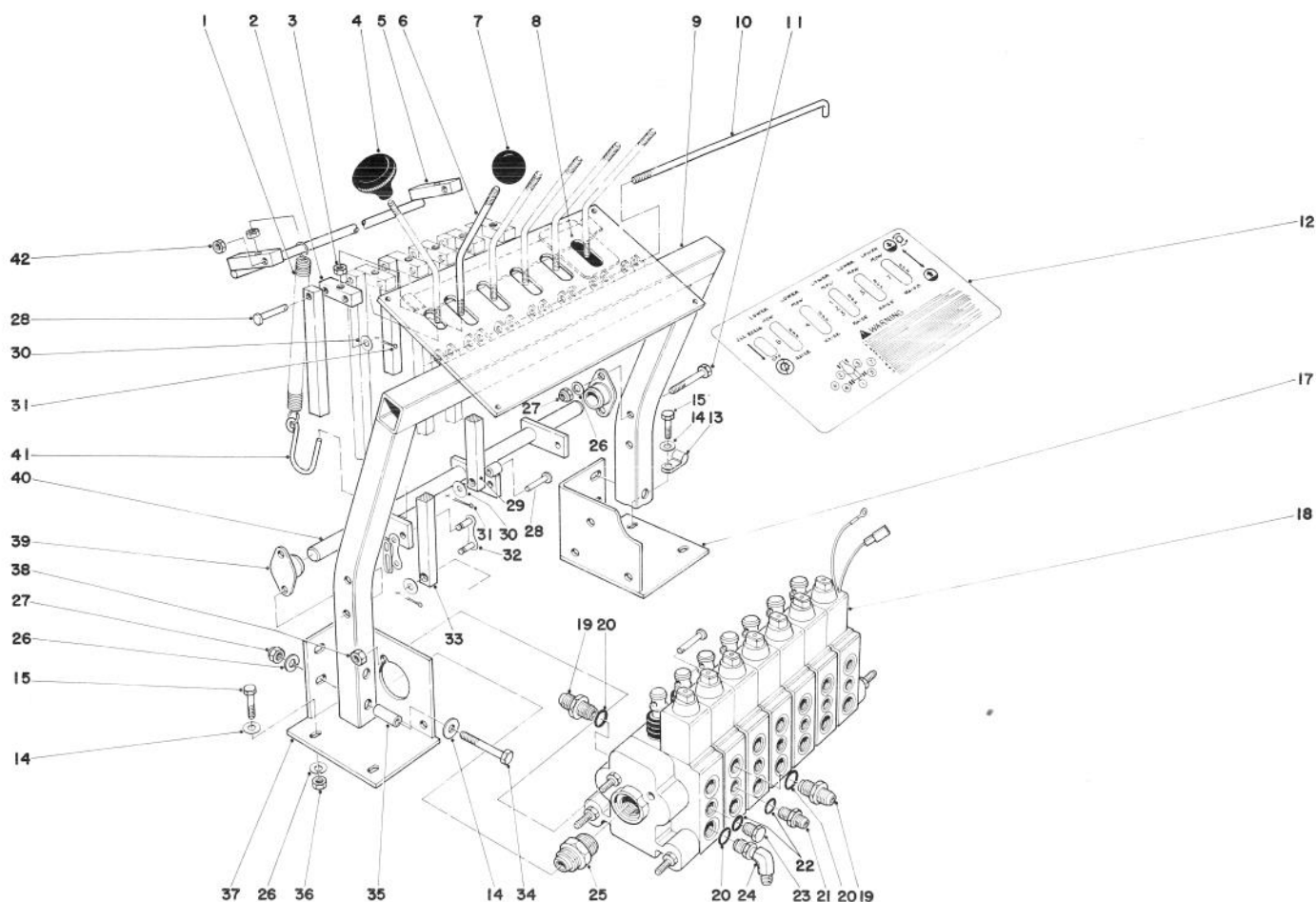
*Not Illustrated



FLOW DIVIDER

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	4
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	32146-2	Locknut	1
18	323-7	Capscrew	2
19	18-2970	Fuel Line Clip	2
20	3296-39	Locknut	5

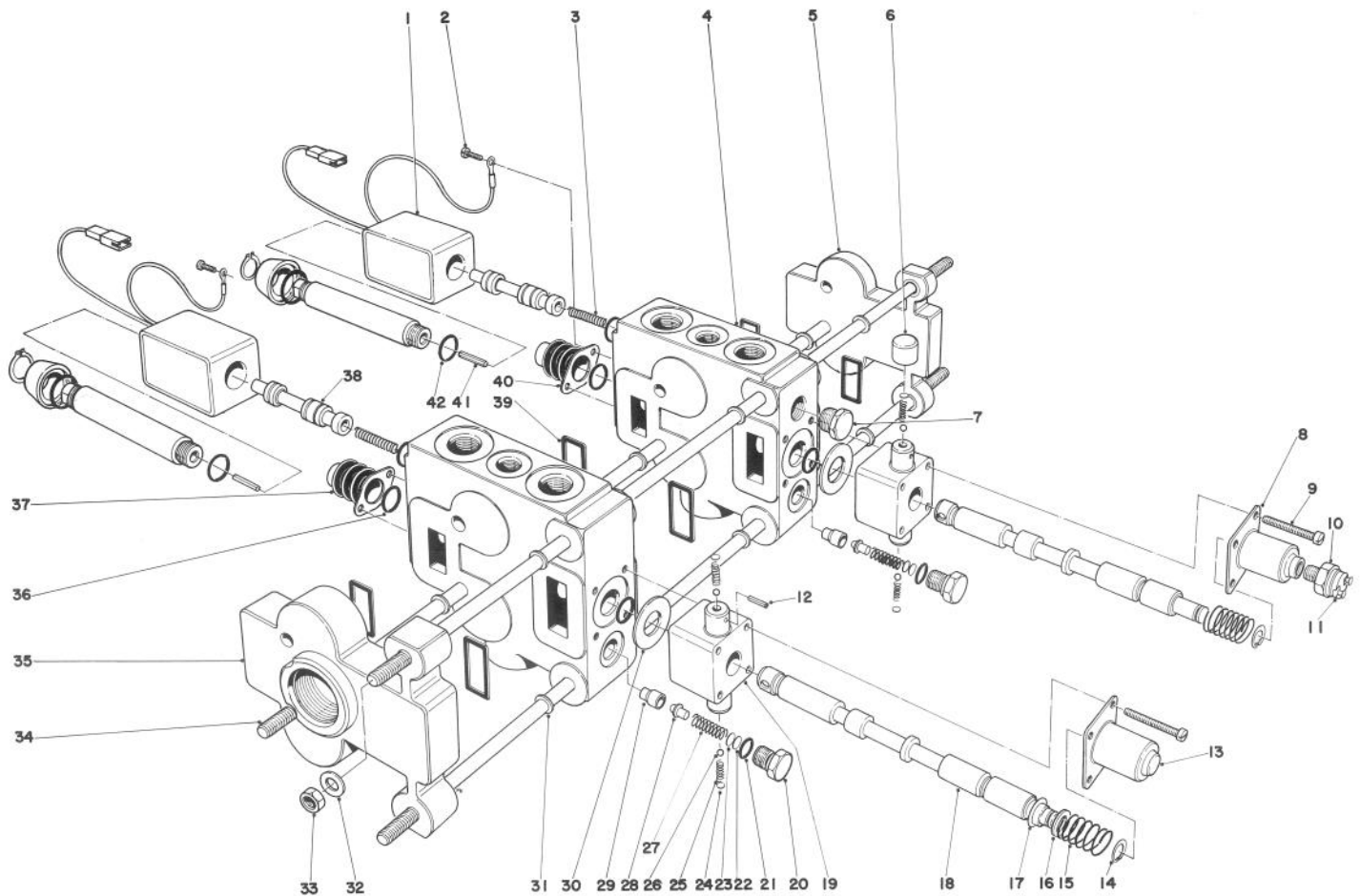
Ref. No.	Part No.	Description	No. Used
21	3256-3	Washer	3
22	304-61	Support Clamp	1
23	237-123	"O" Ring	1
24	353-703	90° Fitting (Incl. Ref. #23)	1
25	38-5820	Hose Main Pressure	1
26	302-2	Grease Fitting	1
27	3-3760	Pivot Pin	1
28	32146-13	Locknut	3
29	3256-26	Washer	2
30	2412-6	Hose Clamp	1
31	325-4	Capscrew	1
32	3296-24	Locknut	4
33	325-5	Capscrew	2
34	323-18	Capscrew	3
35	321-10	Capscrew	2
36	38-3110	Bracket - Tube Support	1
37	38-3100	Spacer Tube	2
38	321-4	Capscrew	5
39	237-79	"O" Ring	7
40	37-4910	90° Adjustable Elbow	7
41	2412-44	Clamp	1



CONTROL TOWER AND VALVE BANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-1706	Chain Tightener Spring	1
2	37-3190	Pivot Block Lever	5
3	3220-3	Jam Nut	6
4	233-10	Knob	1
5	38-4870	Release Lever	1
6	37-3200	Valve Lever	6
7	3-0631	Knob	5
8	37-4200	Lever Seal	6
9	37-3220	Frame Control Panel	1
10	37-3210	Pivot Pin	1
11	323-11	Capscrew	4
12	37-4270	Decal — Control Panel	1
13	2412-10	Support Clamp	1
14	3256-24	Washer	8
15	323-7	Capscrew	4
17	37-3270	Bracket - Valve Bank (Rear)	1
18	36-9810	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

Ref. No.	Part No.	Description	No. Used
23	353-508	Plug "O" Ring Boss	2
24	37-4910	90° Adjustable Elbow	7
25	353-694	Straight Connector	1
26	3253-21	Lockwasher	12
27	3217-33	Nut	8
28	283-53	Clevis Pin	10
29	37-3170	Linkage Bar	1
30	3256-22	Washer	10
31	3272-2	Cotter Pin	10
32	2710-33	Connecting Link	3
33	37-3180	Bar Linkage	4
34	323-12	Capscrew	4
35	37-3320	Spacer Tower	4
36	3217-7	Nut	4
37	37-3300	Bracket Valve Bank Front	1
38	3296-39	Locknut	6
39	27-2320	Side Flange Bearing	2
40	37-2190	Pivot Shaft	1
41	3-2198	Hook	1
42	3296-29	Locknut	1



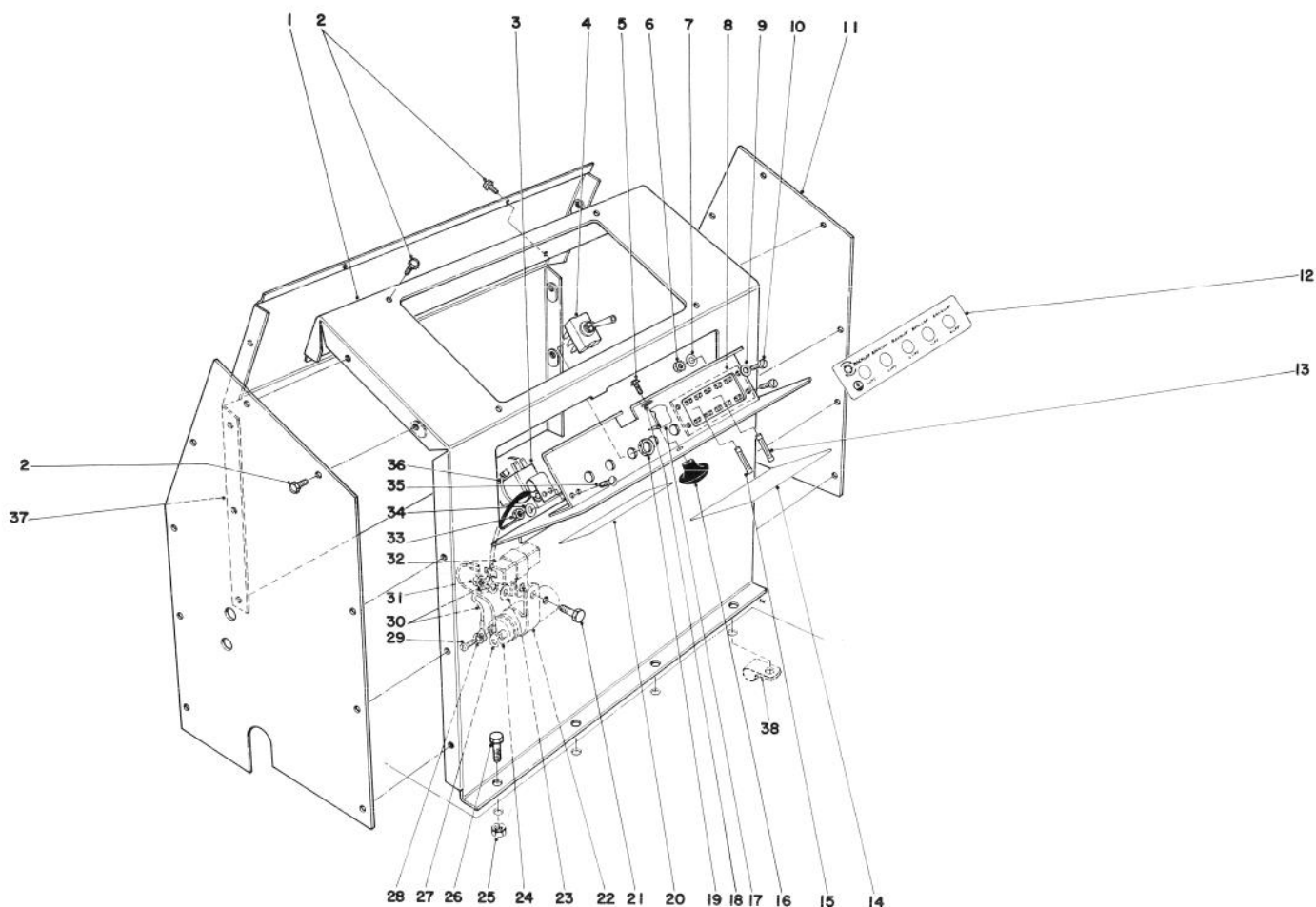
VALVE ASSEMBLY NO. 36-9810

Ref. No.	Part No.	Description	No. Used
1	38-0090	Solenoid Assy. (Incl. Ref. #41-42)	7
2	3250-15	Screw Pan Head Machine	14
3	38-0280	Spring	7
†4		Body	7
5	38-0120	Cover Plate	1
6	38-0240	Cap	14
7	38-1110	Plug	7
8	38-0210	Cap	5
9	3250-10	Screw Full Head Machine	28
10	38-0410	Hex Nut	5
11	38-0430	Switch	5
12	32121-20	Roll Pin	14
13	38-0200	Cap	2
14	32151-49	Retaining Ring	7
15	38-0230	Spring Compression	7
16	38-0440	Washer	7
17	38-0220	Collar Stop	14
†18		Spool	7
†19		Housing	7
20	38-1100	Plug	7
21	237-42	"O" Ring	7
22	38-0180	Shim	A/R
23	38-0160	Disc	A/R
24	38-0270	Disc	14

Ref. No.	Part No.	Description	No. Used
25	38-0260	Spring Compression	14
26	38-0250	Ball	14
27	38-0300	Spring	7
28	38-0150	Valve	7
†29		Seat	7
30	38-1170	Washer	7
31		Shim	24
32	3254-6	Lockwasher	6
33	3217-7	Nut	6
34	38-0100	Stud	3
35	38-0110	Outlet Section	1
36	237-69	"O" Ring	14
37	38-0130	Boot	7
†38		Spool	7
39	38-0450	Seal Ring Square Cut	16
40	38-0190	Retainer	7
41	38-0290	Push Rod	7
42	237-122	"O" Ring	7
*	38-1160	Service Kit (Incl. Ref. #31 & 39)	1
*	38-0080	Valve Section Assembly (Incl. Ref. #1-4, 8-9, 11-12, 14-30, 36-38, 40 & 42)	7

*Not Illustrated

†Not serviced separately



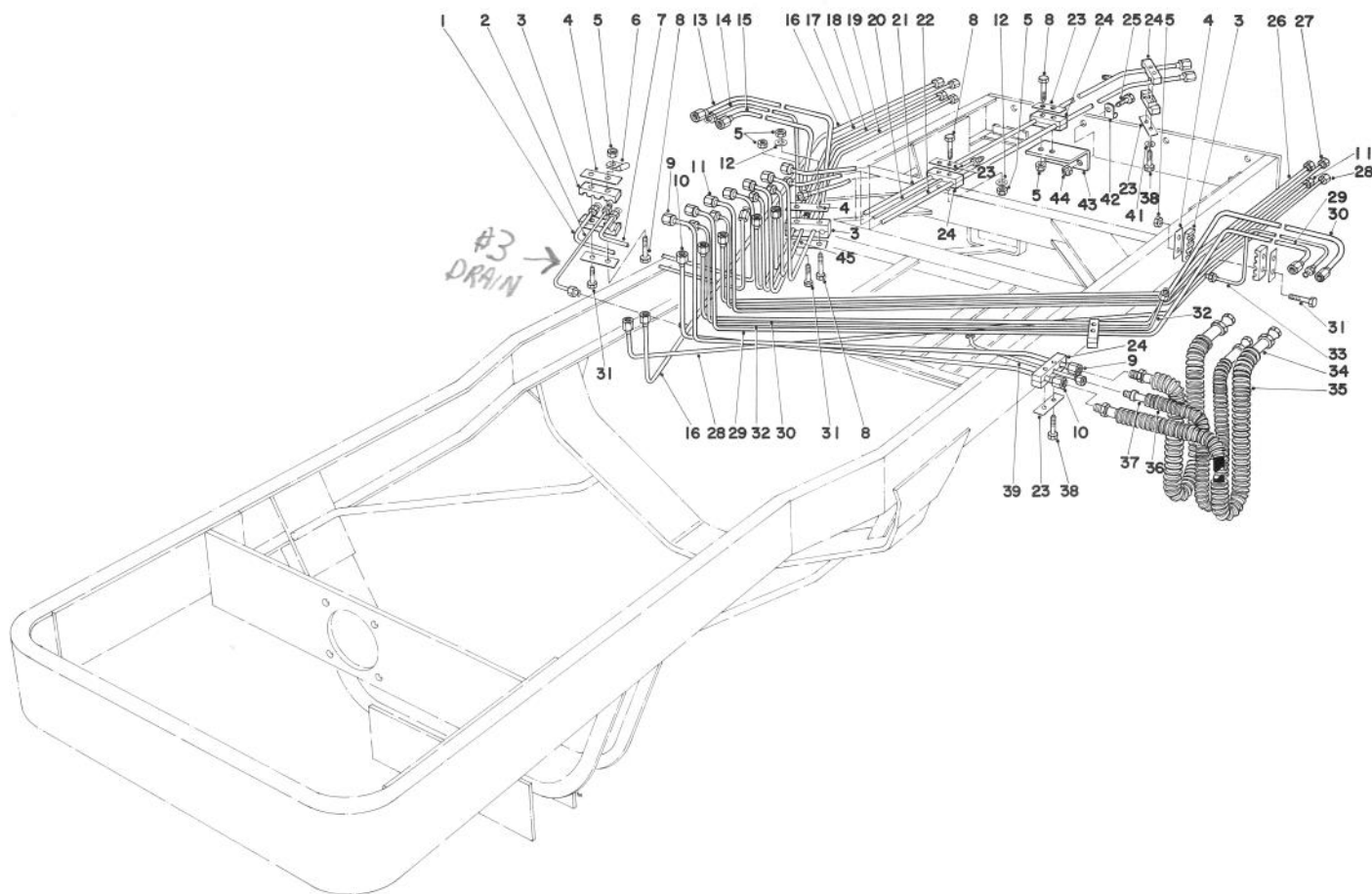
CONTROL TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37-2650	Cover - Control Tower	1
2	32140-16	Self Tapping Screw	22
3	36-9750	Relay Mower	1
4	37-2610	Switch (Incl. Ref. #19)	5
5	3251-2	Round Head Machine Screw	1
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	1
14	37-4310	Decal Danger & Warning	1
†15		Fuse 4 Amp	4
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	32146-6	Locknut	4
26	3211-2	Capscrew	4
27	38-2880	Wire	1
28	3254-1	Lockwasher	2
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	32149-9	Locknut	2
34	3256-21	Washer	2
35	3250-1	Round Hd. Machine Screw	2
36	3290-379	Cable Tie	1
37	38-8050	Control Panel Access	1
38	2412-4	Support Clamp	1

†Obtain locally.

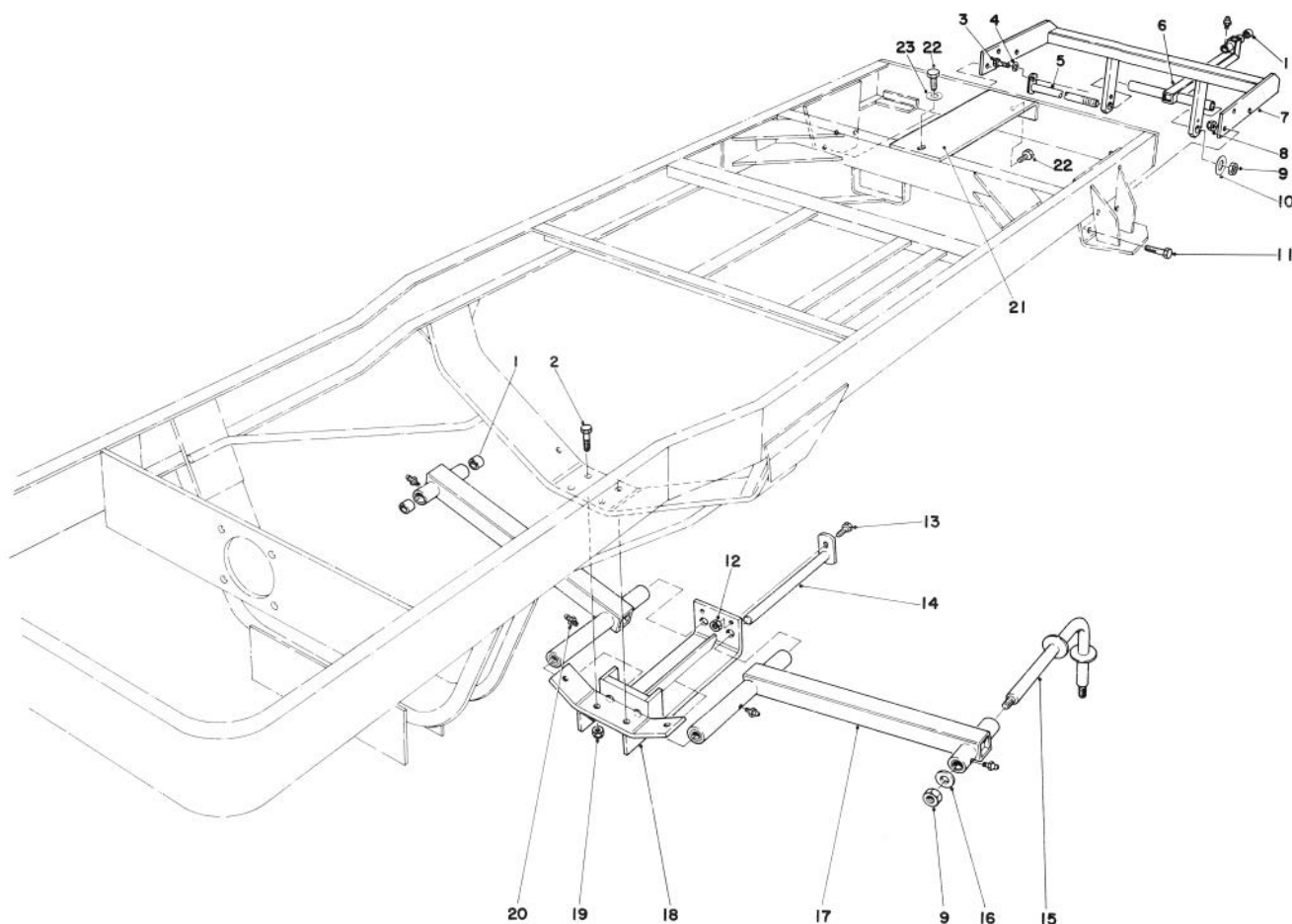
*10 AMP fuse may be used.



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	3296-47	Locknut	12
6	18-2970	Clip	1
7	37-1860	#3 Cutting Unit Return Line	1
8	322-12	Capscrew	6
9	37-1870	#2 Cutting Unit Return Line	1
10	37-2020	#2 Cutting Unit Pressure Line	1
11	37-2000	#4 Cutting Unit Return Line	1
12	3256-23	Washer	3
13	37-1990	#7 Cutting Unit Return Line	1
14	37-1840	#7 Motor Drain Line	1
15	37-1980	#7 Cutting Unit Pressure Line	1
16	37-1910	Drain Line Manifold R. H.	1
17	37-1940	#5 Cutting Unit Pressure Line	1
18	37-1950	#5 Cutting Unit Return Line	1
19	37-1960	#5 Cylinder Return Line	1
20	37-1820	#1 Cylinder Return Line	1
21	37-2030	#1 Cutting Unit Cylinder Pressure Line	1
22	37-2040	#1 Cutting Unit Return Line	1

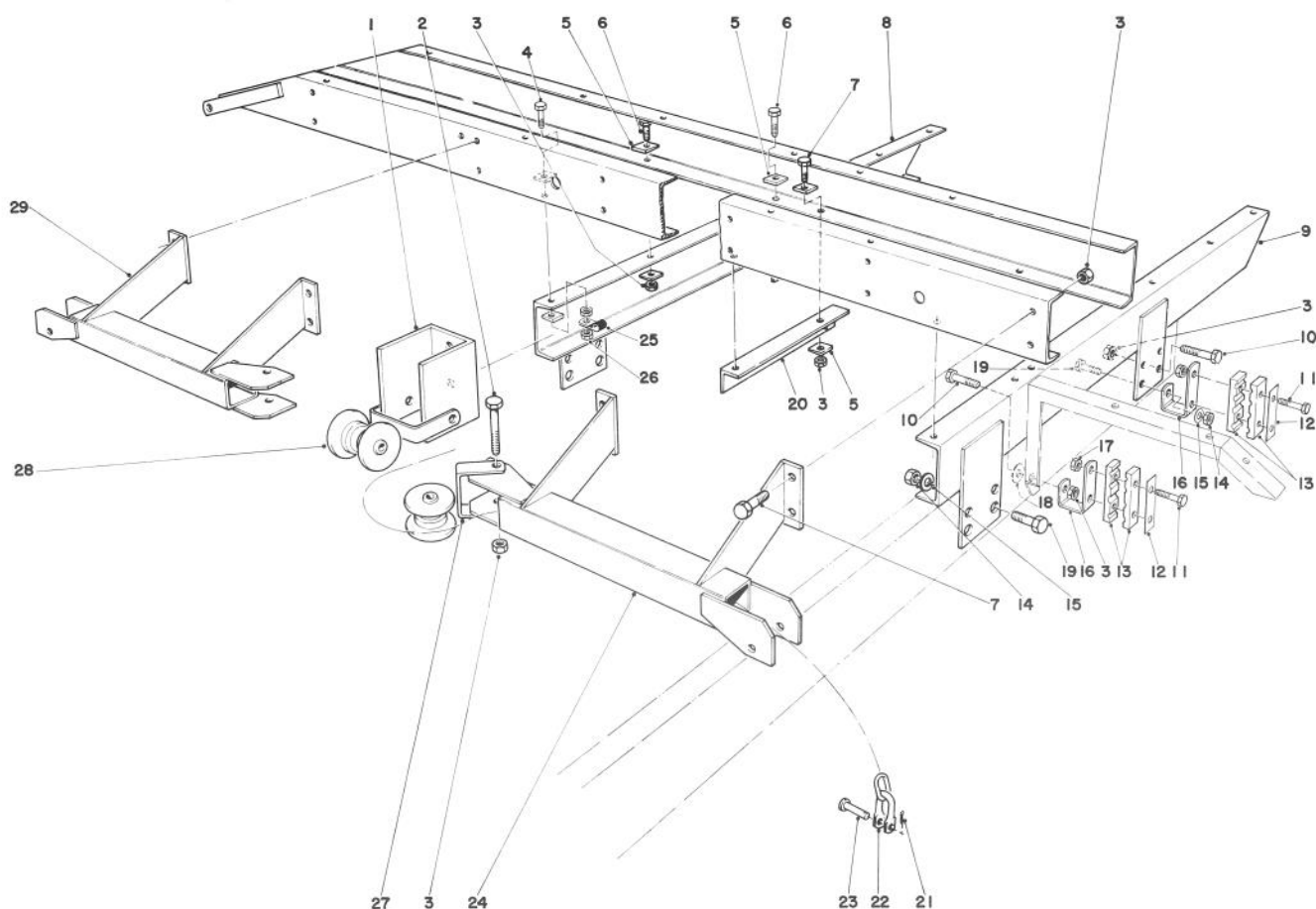
Ref. No.	Part No.	Description	No. Used
23	37-2380	Plate - Rubber Clamp	5
24	37-2390	Clamp - Hydraulic Tube	8
25	323-5	Capscrew	1
26	37-2010	#4 Cutting Unit Pressure Line	1
27	37-1930	#4 Cylinder Return Line	1
28	37-1920	Drain Line Manifold L. H.	1
29	37-1970	#6 Cutting Unit Return Line	1
30	37-1900	#6 Cutting Unit Pressure Line	1
31	322-10	Capscrew	6
32	37-1700	#6 Cylinder Return Line	1
33	37-1830	#6 Motor Drain Line	1
34	37-2930	Hose Assembly Reel Motor	4
35	37-4290	Hose Protector Cutting Unit	4
36	37-4300	Hose Protector Drain Line	2
37	37-2920	Hose Assembly - Drain Line	2
38	32104-37	Hex Hd. Self Tapping Screw	6
39	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	32146-2	Locknut	1
45	37-1690	#7 Cylinder Return Line	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	1
7	26-8270	Pivot Support	1
8	3296-51	Locknut	6
9	3296-50	Locknut	4
10	28-2480	Washer	1
11	328-24	Capscrew	6
12	32153-3	Locknut	2

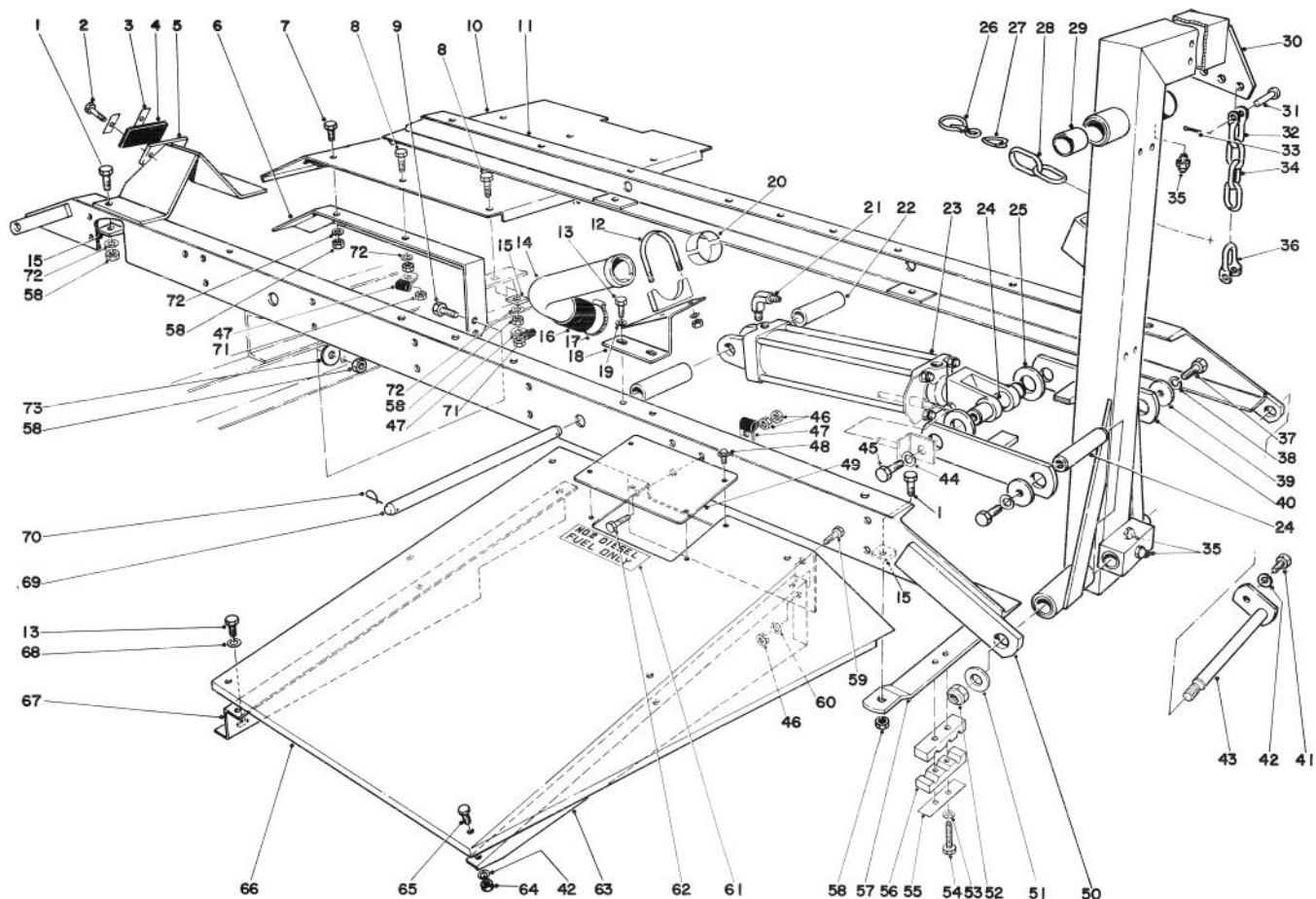
Ref. No.	Part No.	Description	No. Used
13	322-6	Capscrew	2
14	26-8250	Lift Arm Pin	2
15	26-8310	Lift Bail Pin	3
16	3-8448	Washer	3
17	26-8340	Lift Arm	2
18	26-8160	Lift Arm Support	1
19	3296-24	Locknut	4
20	302-5	Grease Fitting	6
21	18-2620	Plate Cylinder Rest	1
22	32104-6	Self Tapping Screw	2
23	3256-24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



MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-0112	Sheave Bracket	1
2	325-18	Capscrew	5
3	32146-13	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

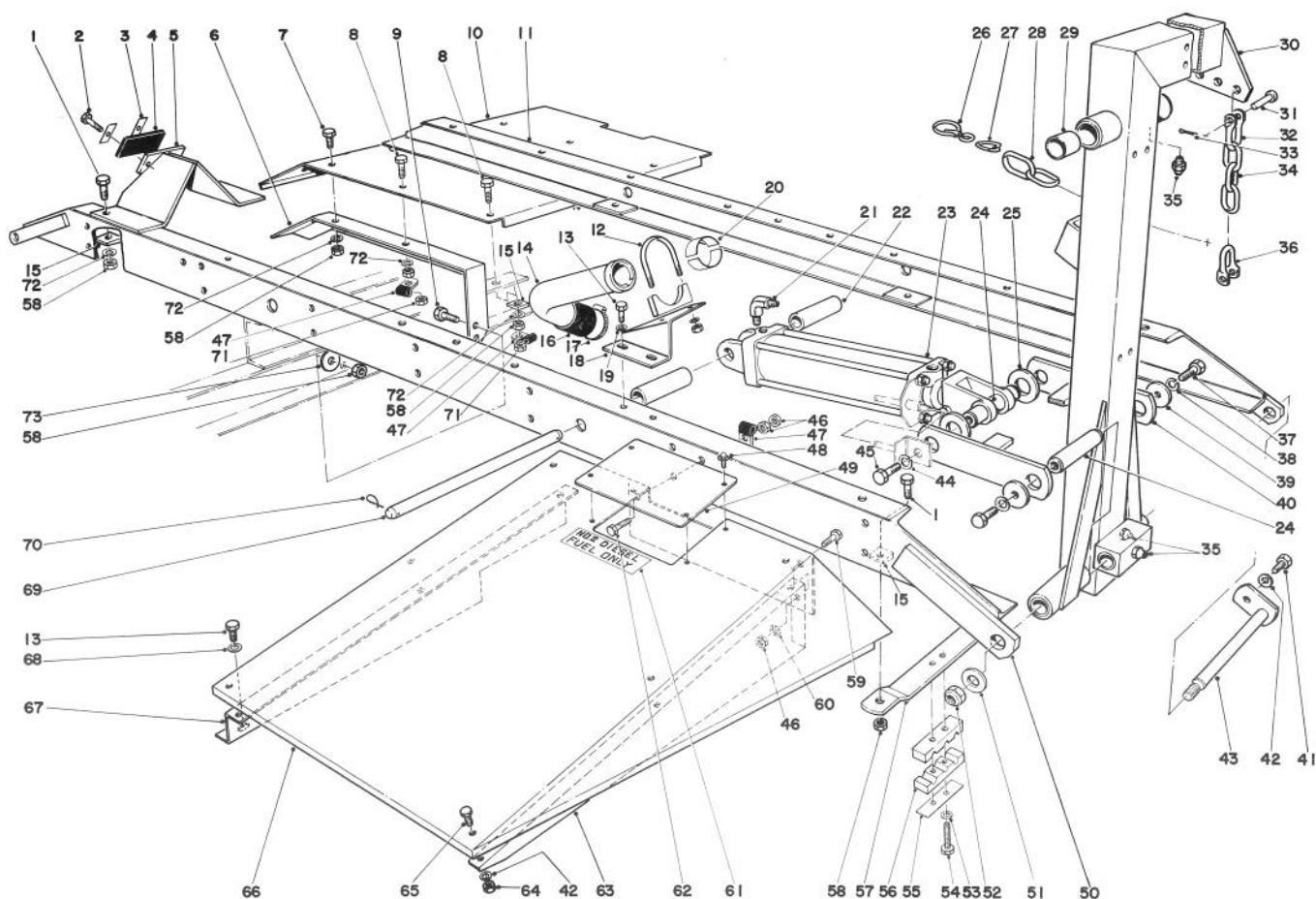


MAIN FRAME ASSEMBLY-FRONT

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	1
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

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
23	22-7530	Cylinder	2
24	3-0128	Shaft	4
25	3256-30	Washer	4
26	286-3	Safety Hook	2
27	287-2	End Lap Repair Link	2
28	3-1365	Chain	2
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

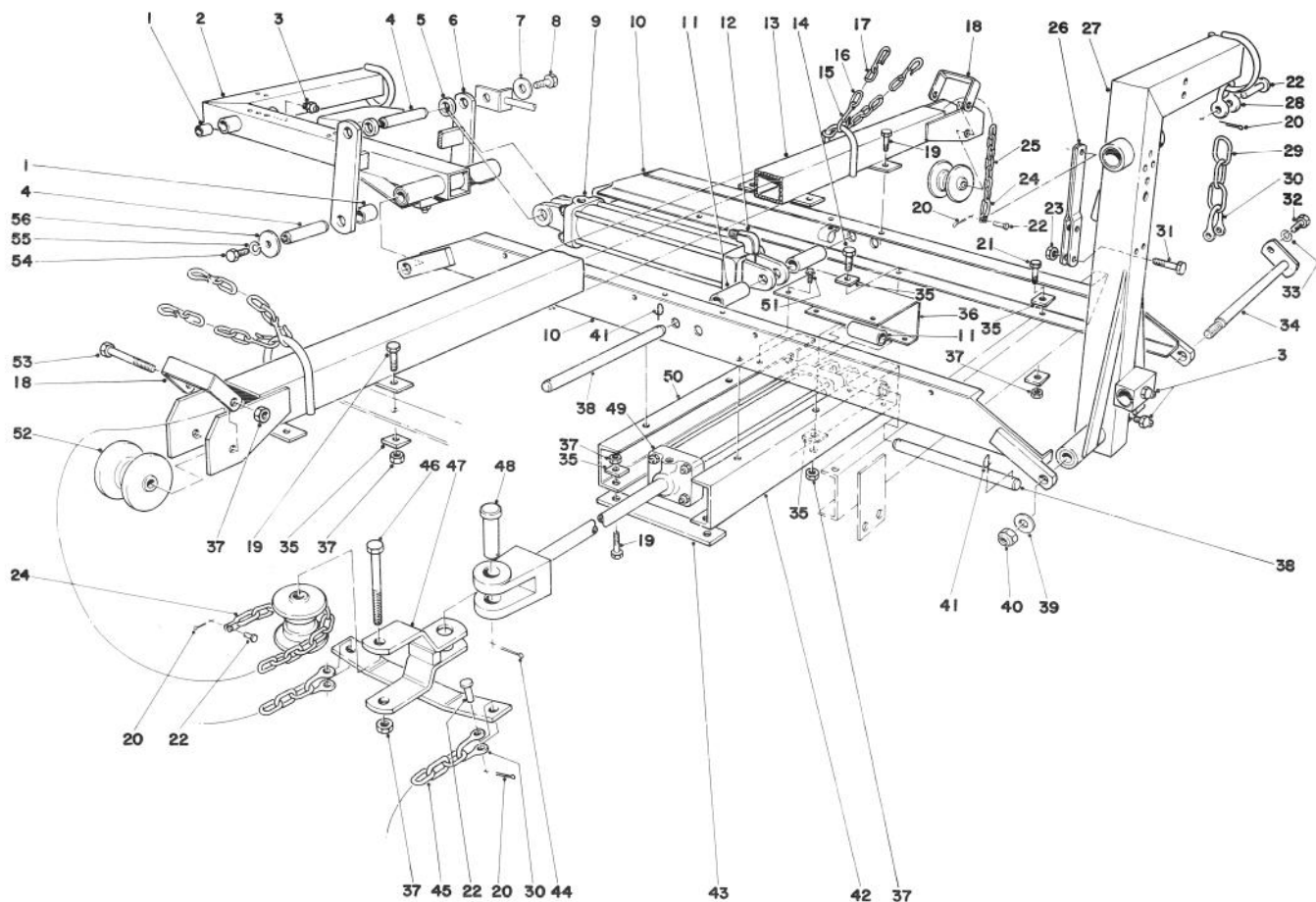


MAIN FRAME ASSEMBLY-FRONT (Continued)

Ref. No.	Part No.	Description	No. Used
45	7-4152	Shoulder Bolt	2
46	3217-7	Nut	6
47	2412-70	Clamp	6
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	3296-50	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	32146-13	Locknut	21
59	323-6	Capscrew	5

Ref. No.	Part No.	Description	No. Used
60	3253-21	Lockwasher	5
61	19-3700	Decal — Diesel Fuel	1
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	5
72	3253-7	Lockwasher	12
73	3-1615	Spacer	1

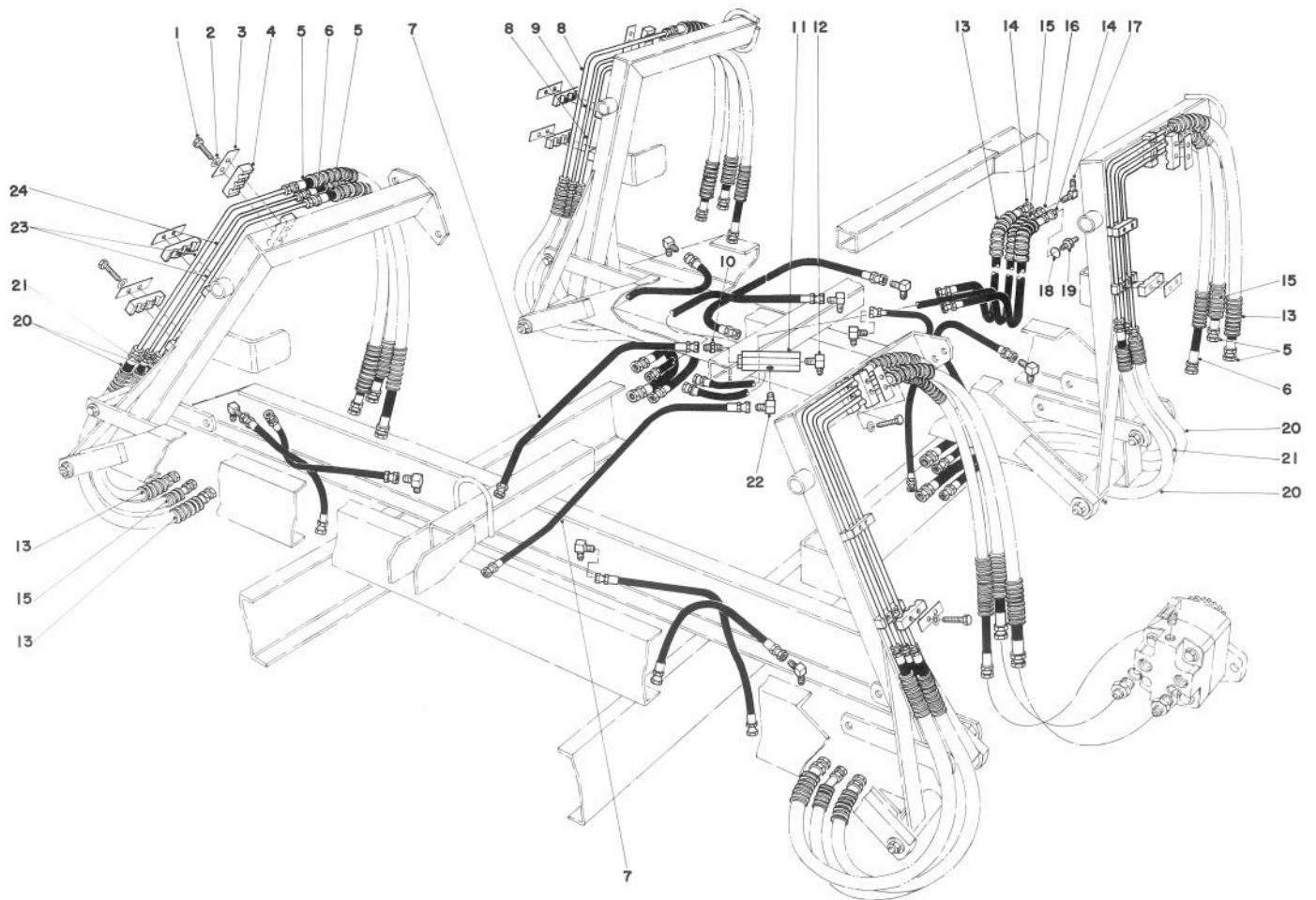
*Not Illustrated



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	286-3	Safety Hook	4
16	287-2	End Lap Repair Link	4
17	3-1365	Chain	2
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	32146-2	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	8-0280	Chain Shackle	2

Ref. No.	Part No.	Description	No. Used
29	3-4636	Chain	2
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	26-8600	Cover - Cylinder Mounts	1
37	32146-13	Locknut	12
38	3-0144	Shaft	3
39	28-2480	Washer	2
40	3296-50	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

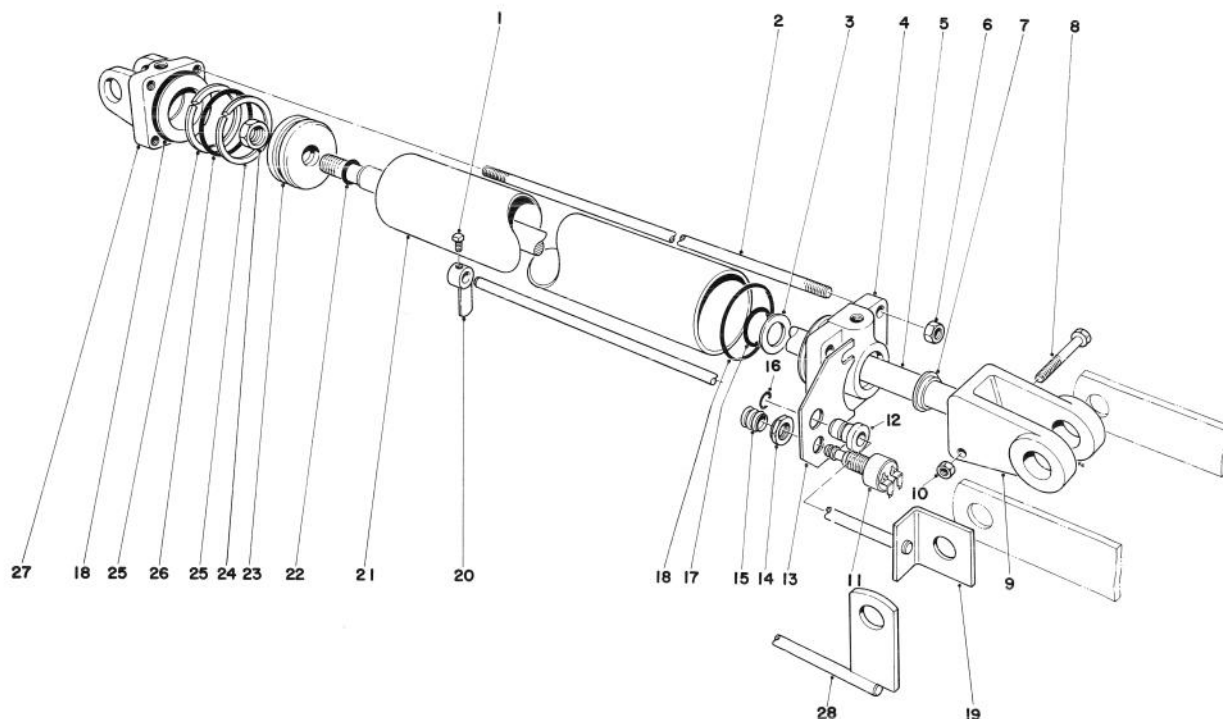


HYDRAULIC LINES REEL MOTOR'S CYLINDER ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
1	32104-37	Hex Hd. Self Tapping Screw	24
2	3254-2	Lockwasher	24
3	37-2380	Plate - Tube Clamp	12
4	37-2390	Clamp Hydraulic Tube	24
5	37-2930	Hose - Reel Motor	8
6	37-2920	Hose - Drain Line	4
7	37-4140	Hose Assembly Cylinders	11
8	37-1780	Line Assembly #4 & #5 Cutting Unit	4
9	37-1770	Line Assembly #4 & #5 Cutting Unit	2
10	353-693	Fitting Straight	1
11	36-9780	Check Valve	1
12	353-692	Elbow 90°	1

Ref. No.	Part No.	Description	No. Used
13	37-4290	Hose Protector	18
14	37-4150	Hose Assembly #1 Reel Motor	2
15	37-4300	Hose Protector - Drain Line	9
16	37-4160	Hose Assembly #1 Drain Line	1
17	353-622	90° Fitting	1
18	237-81	"O" Ring Hydraulic	2
19	353-620	Straight Connector	2
20	37-2940	Hose Assembly Center Pivot	8
21	37-2950	Hose Assembly Center Pivot	4
22	5-6560	Elbow 90°	1
23	37-1760	Line Assembly #6 & #7 Cutting Unit	4
24	37-1750	Line Assembly #6 & #7 Cutting Unit	2

#11 X-ref to 42-2390



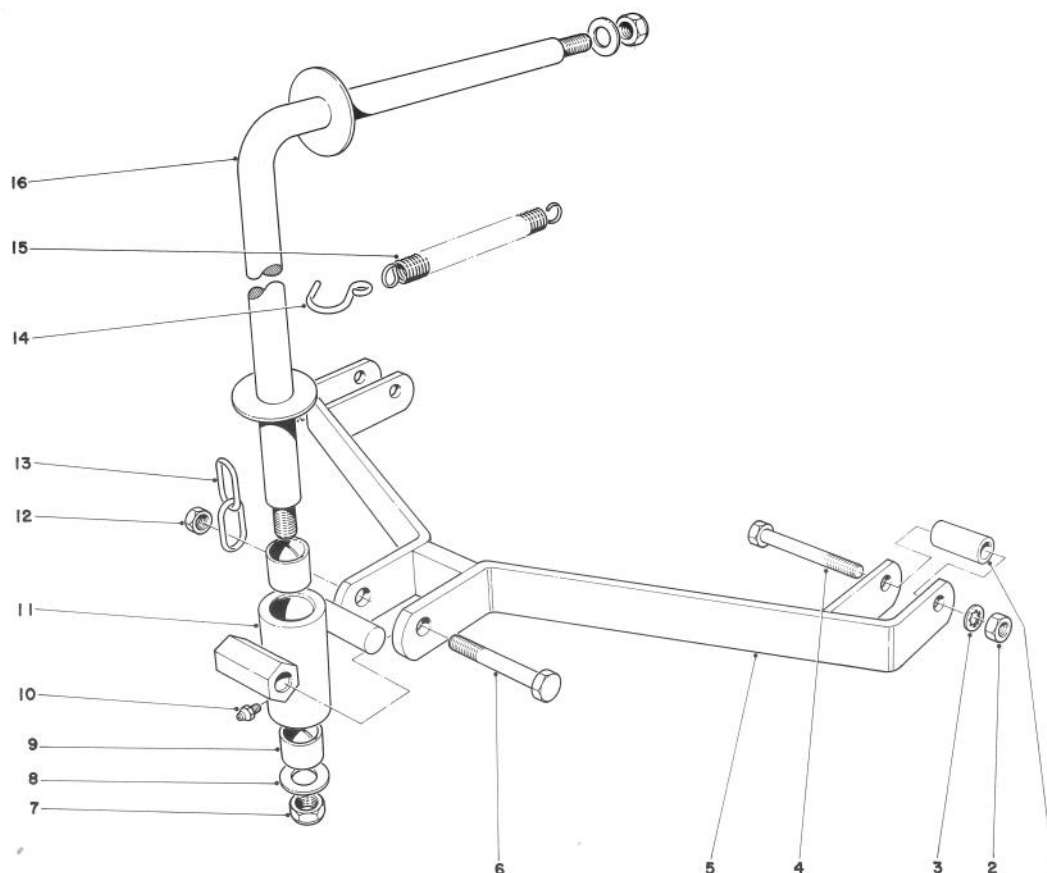
10" AND 12" CYLINDERS

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	32146-5	Locknut	1
11	27-5760	Interlock Switch (Incl. Ref. #14)	1
12	40-6970	Sleeve	1
13	37-2100	Bracket Switch Mounting	1
14	218-461	Hex Nut	1
15	28-2100	Rubber Boot	1

Ref. No.	Part No.	Description	No. Used
16	32151-50	Snap Ring	1
17	22-8640	"O" Ring Seal	1
18	22-8550	"O" Ring Seal	2
19	37-2110	Shaft Extension (#4, 5, 6, 7 Cyl. Only)	1
20	37-2160	Hub Limit Switch	1
21	22-8620	Barrel 10"	1
*	22-8700	Barrel 12"	1
22	22-8600	"O" Ring Seal	1
23	22-8590	Piston	1
24	22-8560	Locknut	1
25	22-8580	Back Up Washer	2
26	22-8570	"O" Ring Seal	1
27	22-8540	Butt - End Cap	1
28	37-2140	Plate Limit Cylinder (#1 Cyl. Only)	1
*	22-8720	Seal Kit (Incl. Ref. #3, 7 17, 18, 22, 25 & 26)	1

*Not Illustrated

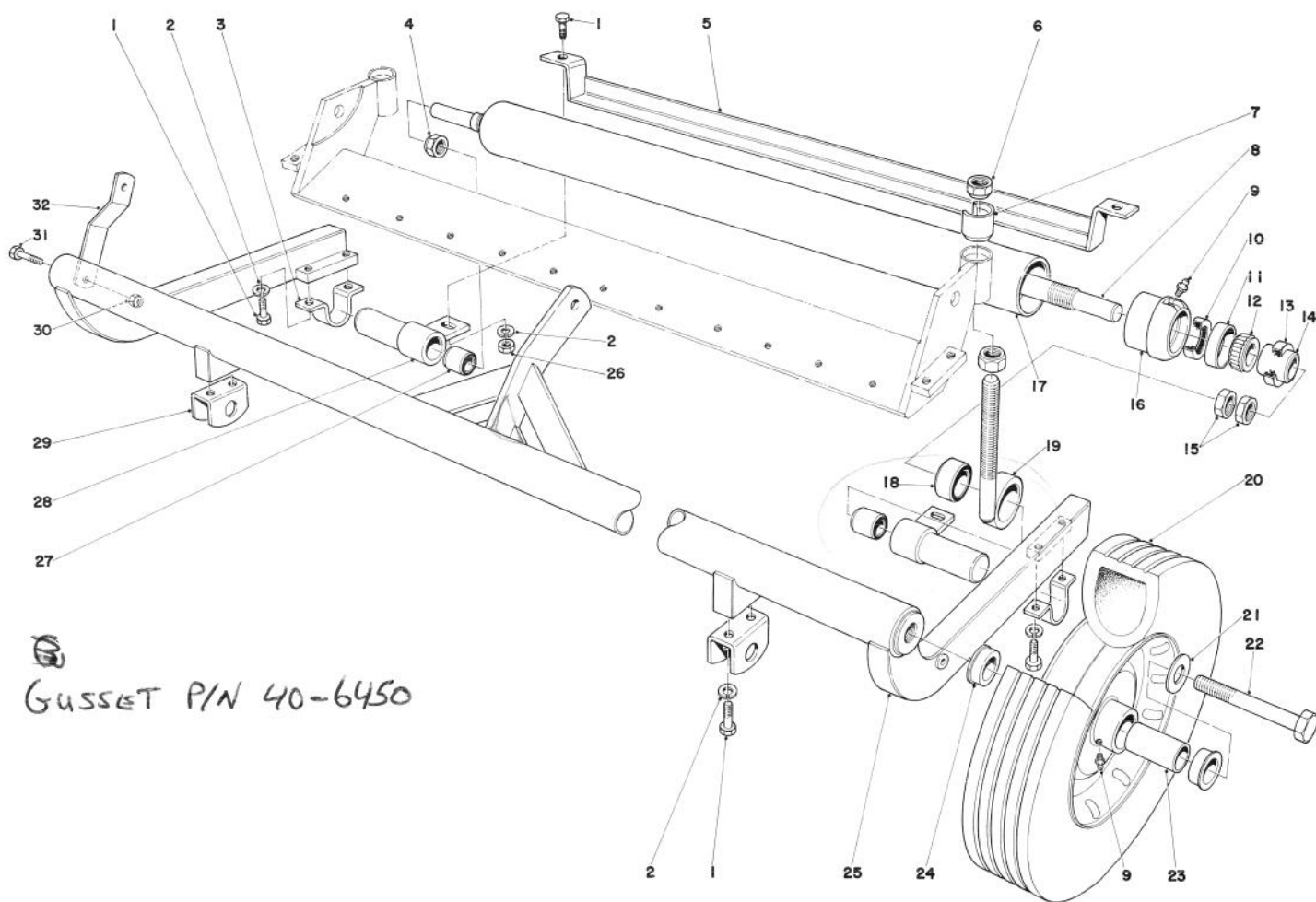
Note: Quantities indicated are for one cylinder.



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	3296-50	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	32146-13	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

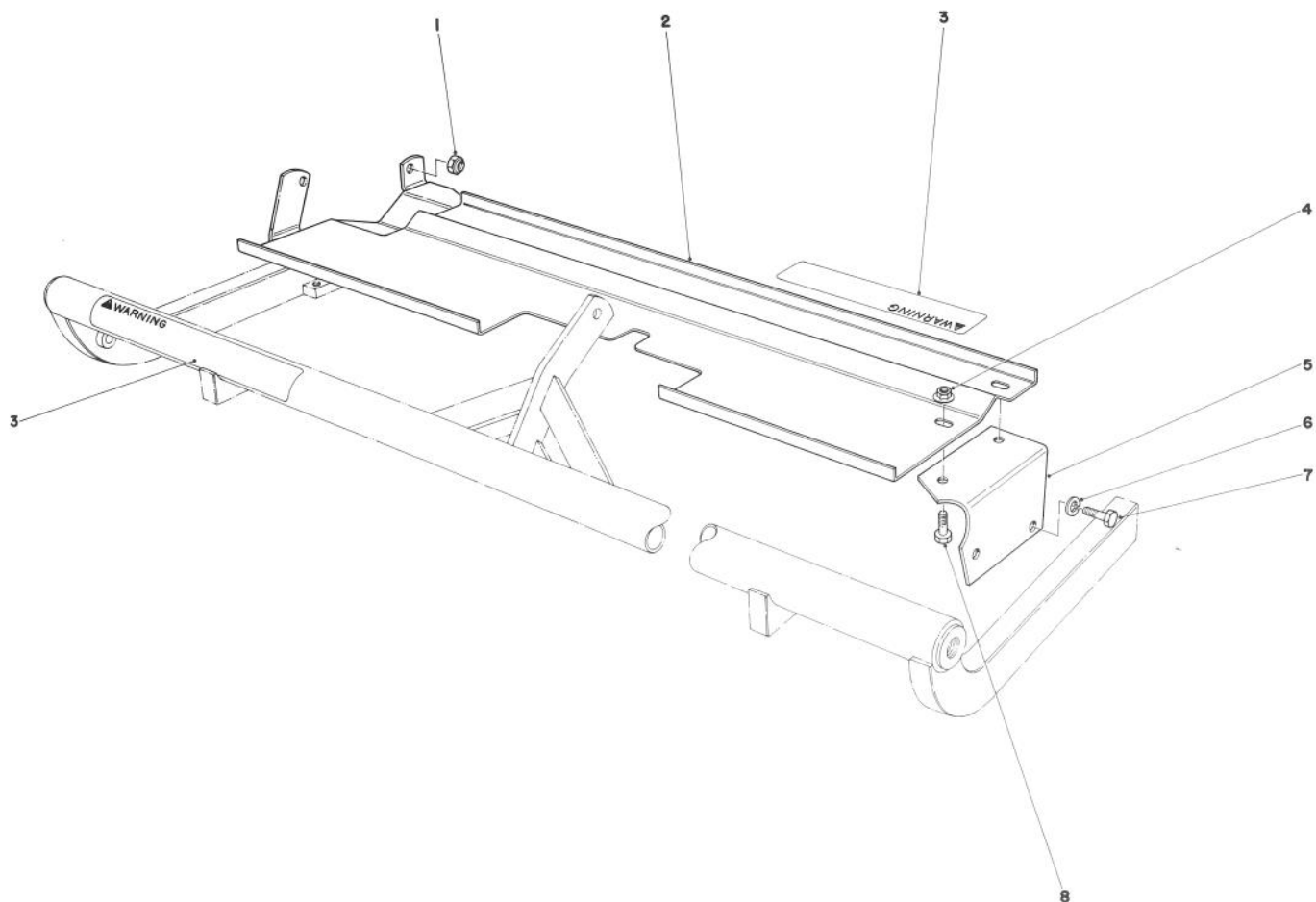


CARRIER FRAME AND ROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Capscrew	10
2	3253-21	Lockwasher	10
3	29-3940	Clamp Roller	2
4	3296-15	Locknut	1
5	37-4060	Scraper - Roller	1
6	217-104	Tapernut	4
7	29-3790	Spacer Height-Of-Cut	2
8	8-3980	Roller Shaft	1
9	302-5	Grease Fitting	4
10	253-122	Seal	2
11	254-79	Bearing Cup	2
12	254-78	Bearing Cone	2
13	253-117	Seal	2
14	5-4523	Sleeve	2
15	3220-7	Jam Nut	2
16	4-5659	End Cap (Incl. Ref. #9)	2

Ref. No.	Part No.	Description	No. Used
17	8-3990	Rear Roller (Incl. Ref. #4&8-16)	1
18	29-3880	Roller Bushing	2
19	37-3510	Rod End	2
20	37-3430	Wheel (Incl. Ref. #9, 23-24)	2
21	28-2480	Washer	2
22	328-20	Capscrew	2
23	37-3550	Sleeve Axle	2
24	251-271	Ball Bearing	4
25	37-3350	Carrier Frame	1
26	3217-7	Nut	2
27	37-7350	Roller Bushing	2
28	37-7330	Shaft Extension	2
29	37-3490	Bracket - Drawbar	2
30	32152-9	Locknut	1
31	324-23	Capscrew	1
32	42-0300	Bracket - Support	1

Note: Quantities indicated are for one chain case assembly.

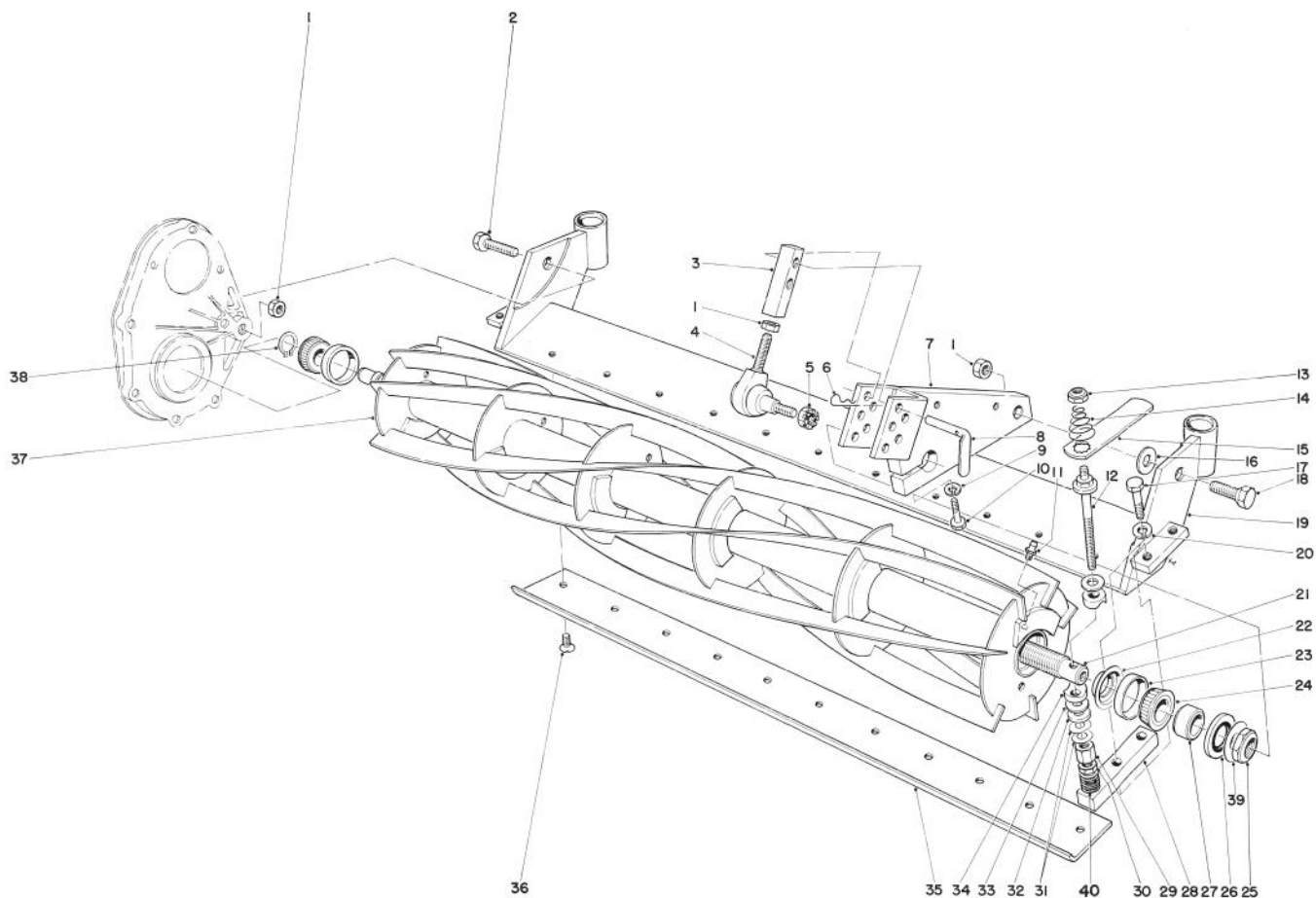


GRASS SHIELD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-39	Locknut	2
2	37-3440	Grass Shield	1
3	27-2890	Warning Decal	2
4	32128-13	Flanged Locknut	2

Ref. No.	Part No.	Description	No. Used
5	37-3500	Bracket Grass Shield	1
6	3253-24	Lockwasher	2
7	322-2	Capscrew	2
8	322-3	Capscrew	2

Note: Quantities indicated are for one cutting unit.



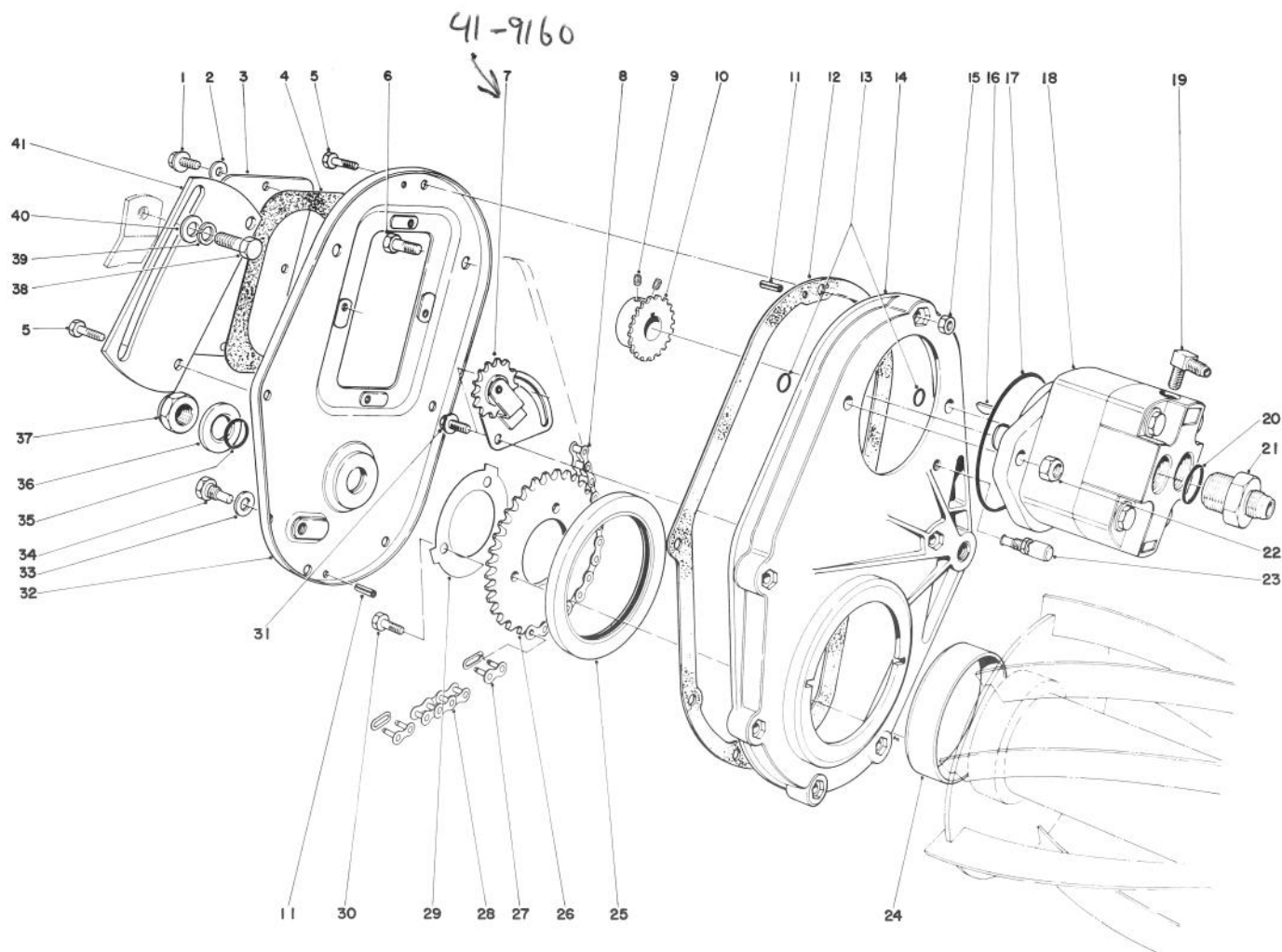
REEL AND BED BAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-5	Jam Nut	3
2	29-3720	Taper Bolt	1
3	29-3770	Bar Height of Cut	1
4	21-0140	Socket Assembly R.H.	1
5	32136-4	Slotted Nut	1
6	3290-255	Hair Pin Cotter	1
7	29-3680	Reel Side Plate	1
8	29-3780	Pin Height of Cut	1
9	3253-24	Lockwasher	1
10	322-6	Capscrew	1
11	302-5	Grease Fitting	1
12	29-3950	Screw Reel Adjustment	2
13	3296-5	Locknut	2
14	29-3960	Spring — Conical	2
15	29-3980	Wrench — Reel Adjustment	2
16	29-3990	Washer	1
17	323-7	Capscrew	4
18	29-3730	Taper Bolt L.H.	1
19	39-0670	Bed Bar	1
20	3253-21	Lockwasher	4
21	29-3420	Reel Shaft	1
22	29-3440	Grease Retainer	1
23	254-79	Bearing Cup	2
24	254-78	Bearing Cone	2
25	3296-15	Locknut	1

Ref. No.	Part No.	Description	No. Used
26	253-117	Seal	1
27	5-4038	Wear Sleeve	1
28	29-3920	Block — Reel Adjustment	2
29	3219-3	Nut	2
30	3220-3	Jam Nut	2
31	3290-414	Washer — Belleville	4
32	29-3910	Washer Thrust	2
33	251-273	Bearing — Thrust	4
34	29-3930	Washer — Thrust	4
35	39-0730	Bedknife	1
36	3-6462	Screw Special	11
37	33-5040	Complete Reel Assembly (Incl. Ref. #11, 21-27 & 38-39)	1
38	32120-93	Retaining Ring	1
39	37-0230	Seal Protecting Washer	1
40	36-4680	Protector - Adjustment Screw	2
*	36-3060	Remote Backlapping Kit	1
*	29-9100	Handle Assembly (Incl. the following)	1
*	36-4310	Brush	1
*	29-9090	Hose Handle	1
*	12-9140	Decal	1
*	29-9080	Handle	1
*	2410-18	Plug	1

* Not Illustrated

Note: Quantities indicated are for one cutting unit.

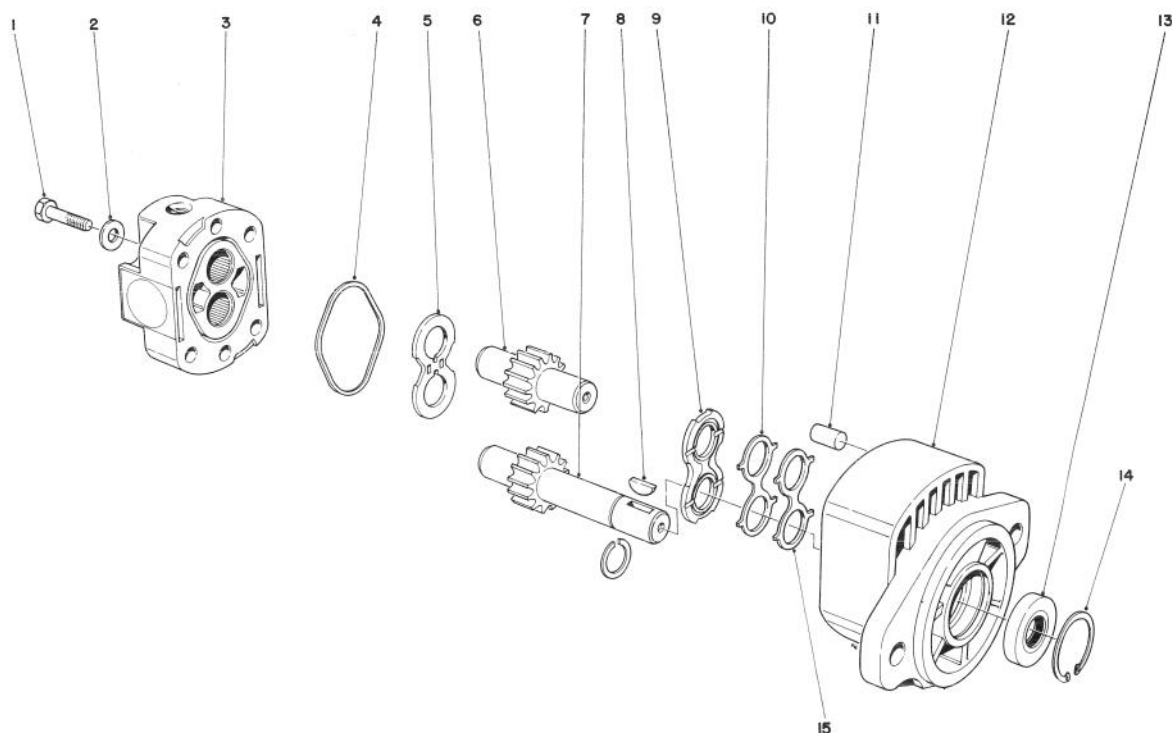


CHAIN CASE AND GEAR MOTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-13	Flange Screw	4
2	29-3970	Washer - Polyethylene	4
3	29-3600	Inspection Cover	1
4	29-3590	Gasket - Inspection Cover	1
5	321-13	Capscrew	6
6	323-12	Capscrew	2
7	29-3500	Idler Assembly	1
8	29-3490	Chain - Roller 53 Pitches (Incl. Ref. #27)	1
9	3245-32	Set Screw	2
10	37-4120	Sprocket	1
11	32121-2	Roll Pin	2
12	29-3580	Gasket Chain Case	1
13	237-22	"O" Ring	2
14	33-1550	Chain Case	1
15	32153-4	Locknut	6
16	3257-3	Key Woodruff	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	302-54	Relief Fitting	1
24	36-9920	Wear Ring	1
25	253-141	Seal	1
26	29-3470	Sprocket - Driven	1
27	2710-31	Connecting Link	2
28	37-3530	Chain - Roller 3 Pitches (Incl. Ref. #27)	1
29	29-3480	Locking Clip	1
30	321-35	Capscrew	3
31	3234-14	Flange Screw	2
32	29-3550	Cover Chain Case	1
33	29-4990	Sealing Washer	1
34	29-4030	Plug - Magnetic	1
35	237-58	"O" Ring	1
36	29-3610	Washer "O" Ring	1
37	3296-15	Locknut	1
38	324-5	Capscrew	1
39	3253-6	Lockwasher	1
40	3256-5	Washer	1
41	42-0360	Plate - Adjustment	1

Note: Quantities indicated are for one chain case assembly.



GEAR MOTOR NO. 36-9820

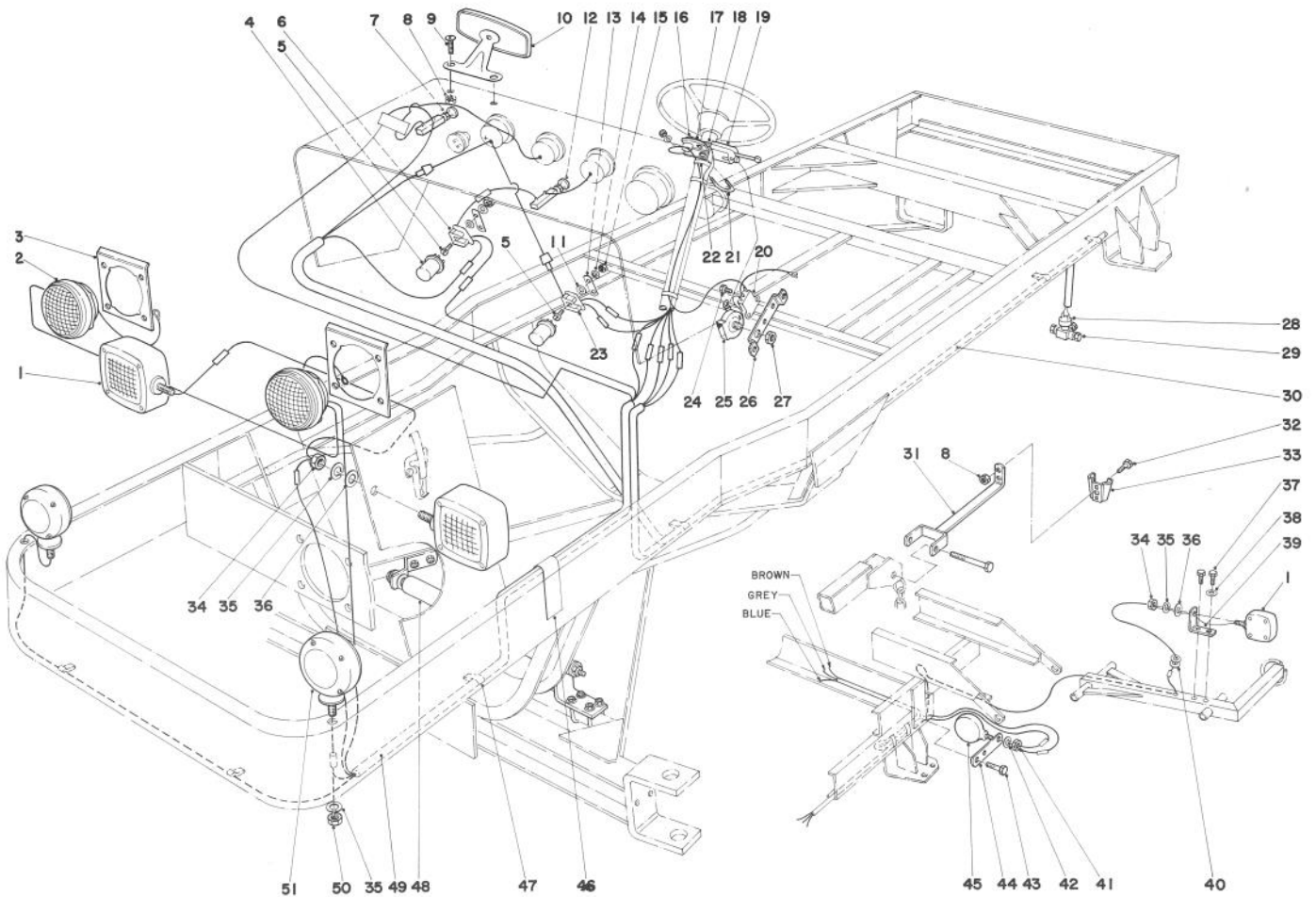
Ref. No.	Part No.	Description	No. Used
1	323-9	Capscrew	4
2	33-1490	Washer	4
3	33-1250	Cover Assembly Rear Port	1
†4		Gasket Seal	1
5	33-1130	Thrust Plate	1
6	36-9890	Driven Gear	1
7	36-9880	Drive Gear	1
8	3257-3	Woodruff Key	1
9	33-1160	Wear Plate	1

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

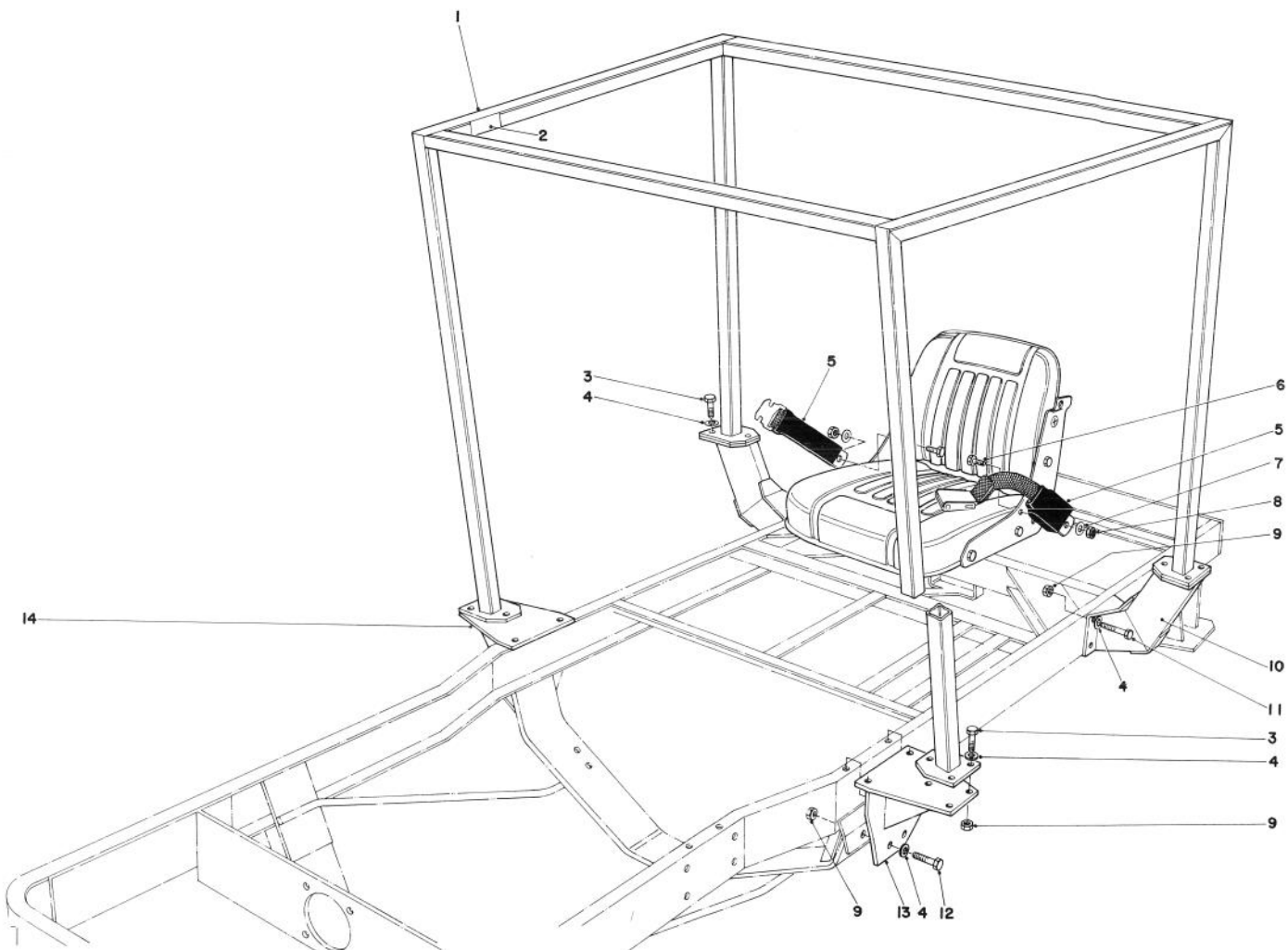
56 Note: Quantities indicated are for one Gear Motor Assembly.



LIGHT KIT NO. 38-6310

Ref. No.	Part No.	Description	No. Used
1	38-6190	Signal Lamp	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	32146-5	Nut	4
9	3258-158	Screw Round Head	2
10	38-6180	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	11-6400	Signal Controller 42-6820	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

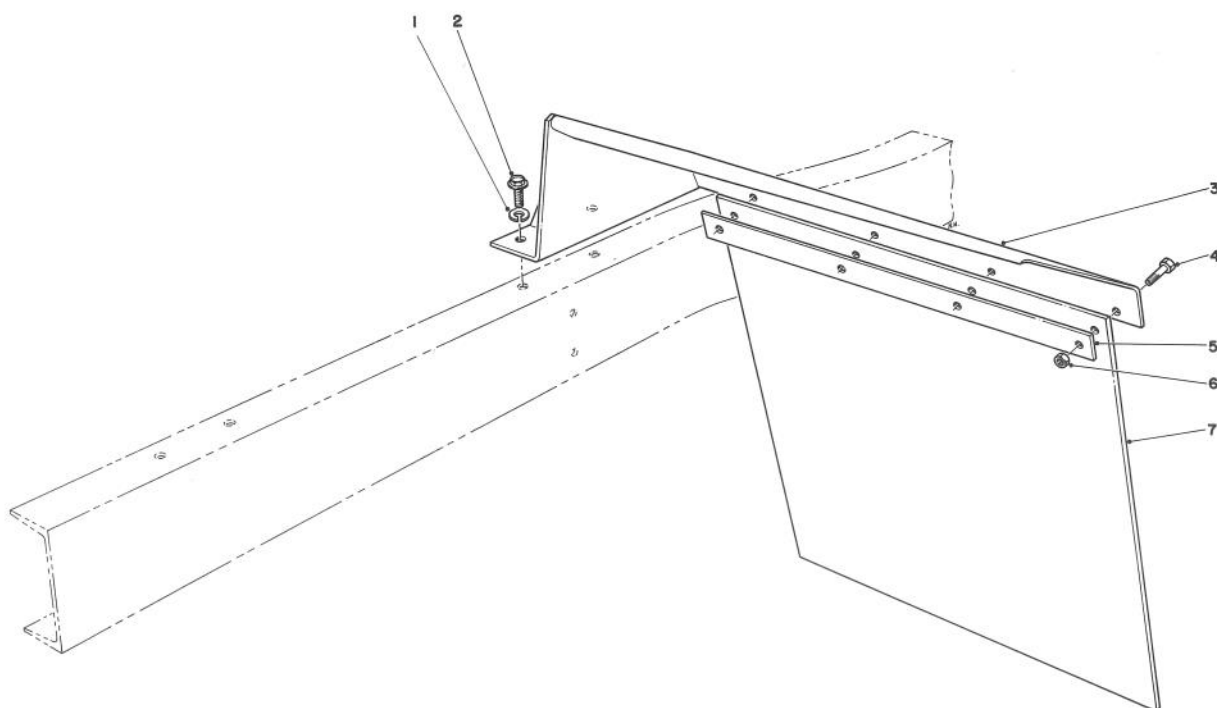
Ref. No.	Part No.	Description	No. Used
27	32112-2	Nut	1
28	218-242	Stoplight Switch	1
29	218-243	Brake Line Tee	1
30	38-2150	Wire Harness	1
31	38-6170	Support - Slow Moving Vehicle	1
32	322-3	Capscrew	2
33	38-6200	Socket - Slow Moving Vehicle Emblem	1
34	3219-5	Nut	4
35	3253-7	Lockwasher	4
36	3256-6	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	11-6390	Tail, Stop & Turn Lights	2
46	18-8570	Wire Harness Clip	1
47	212-93	Wire Clip	13
48	26-1980	Steering Stabilizer	1
49	38-2140	Wire Harness	1
50	3219-19	Nut	2
51	11-6250	Front Signal Light	2



ROLL OVER PROTECTION KIT NO. 77021

Ref. No.	Part No.	Description	No. Used
1	21-4120	Roll Bar Assembly	1
2	36-7910	Warning Decal	1
3	325-7	Capscrew	6
4	3253-7	Lockwasher	24
5	21-4190	Seat Belt	1
6	324-4	Capscrew	2
7	3256-25	Washer	2

Ref. No.	Part No.	Description	No. Used
8	3296-48	Locknut	2
9	32146-13	Locknut	18
10	21-4310	Rear Mount	2
11	325-14	Capscrew	8
12	325-9	Capscrew	4
13	21-4390	Front Mount L.H.	1
14	21-4400	Front Mount R.H.	1



FRONT FENDER KIT

Ref. No.	Part No.	Description	No. Used
1	3253-7	Lockwasher	4
2	32144-13	Thread Forming Capscrew	4
3	10-2780	Fender L.H.	1
*	10-2770	Fender R.H.	1

Ref. No.	Part No.	Description	No. Used
4	323-6	Capscrew	8
5	10-2820	Backing Flap	2
6	32146-2	Nut	8
7	10-2810	Flap	2

*Not Illustrated

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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