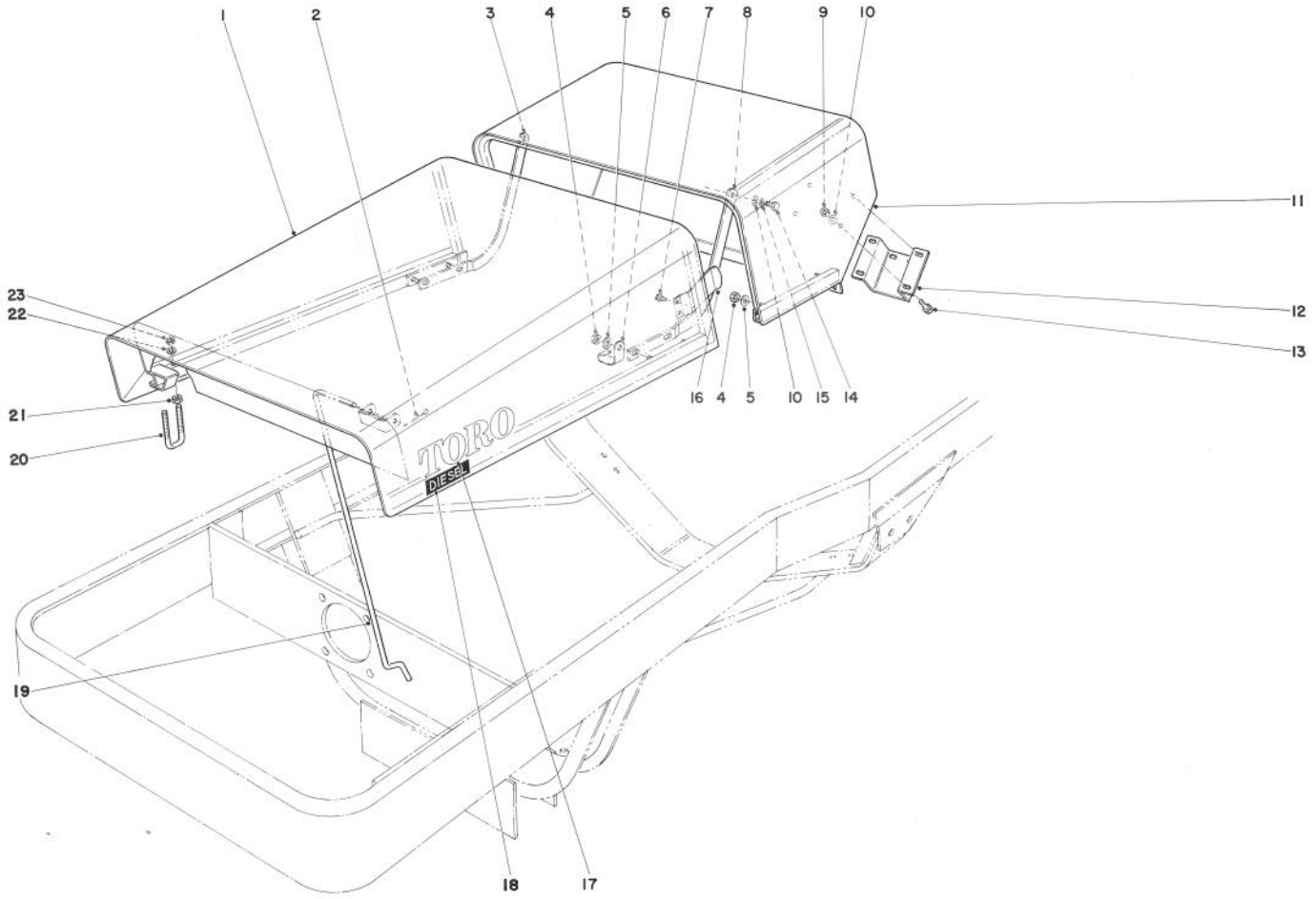
FORM NO. 3311-206

TORO®

MODEL NO. 33877-90001 & UP
MODEL NO. 01080-90001 & UP

PARTS CATALOG

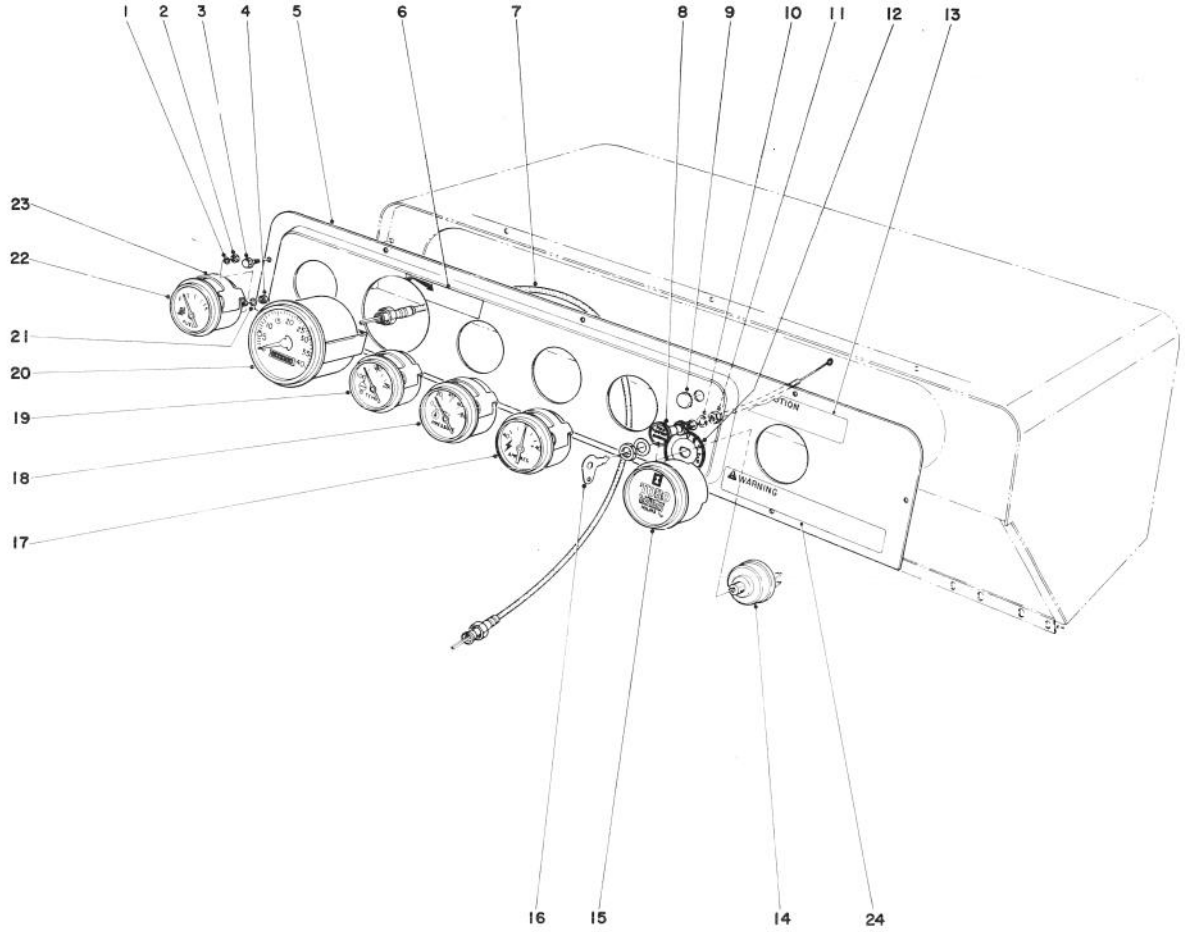
HTM-175



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	32146-2	Locknut	8
5	3256-24	Washer	8
6	18-1270	Clip Hood Prop	1
7	32140-32	Hex Hd. Self Tapping Screw	4
8	18-0750	Pivot Arm L. H.	1
9	32146-5	Locknut	4
10	3256-23	Washer	6
11	18-0560	Cowl	1
12	18-0770	Steering Column Support	1

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



DASH ASSEMBLY

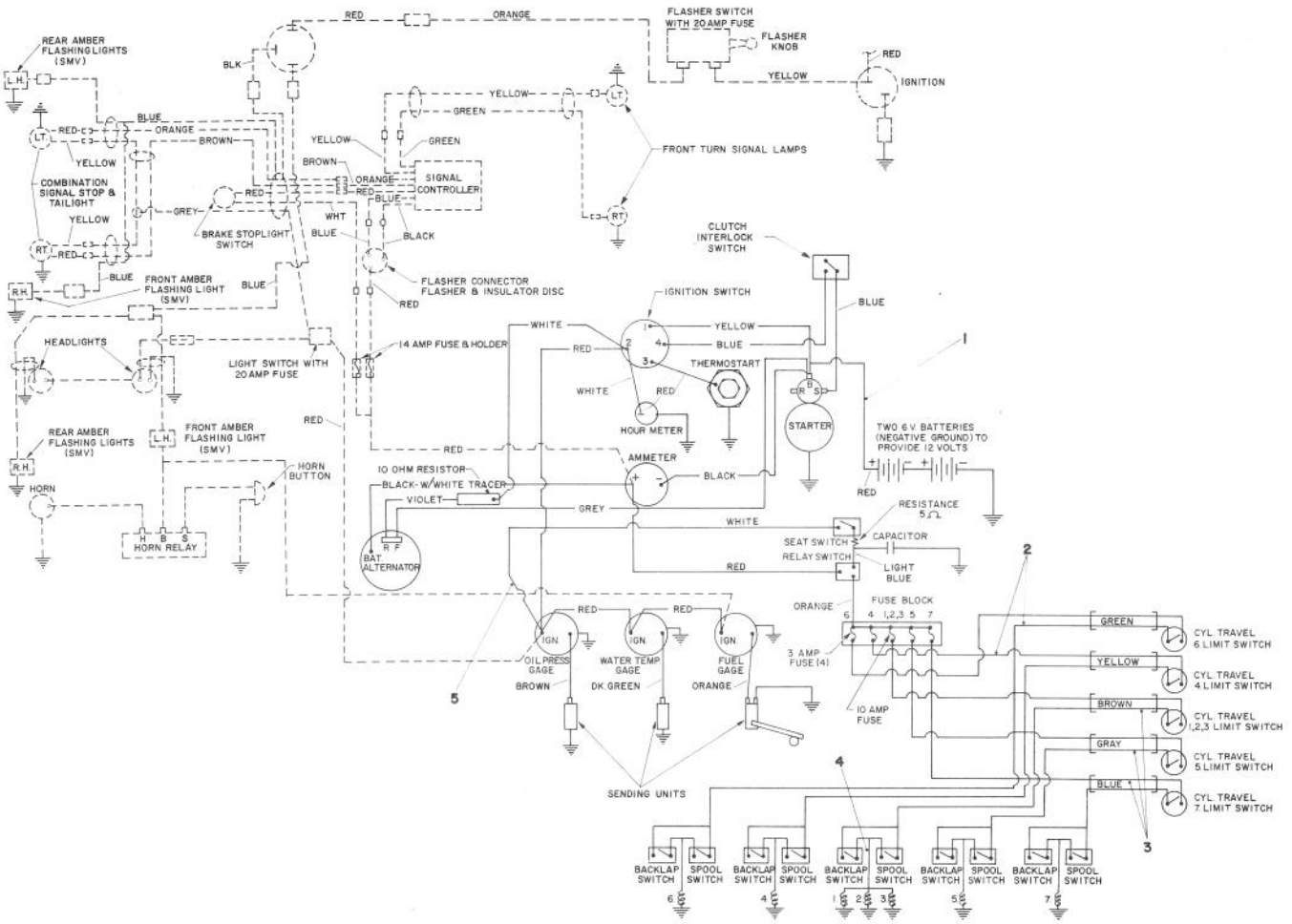
Ref. No.	Part No.	Description	No. Used
1	3253-17	Lockwasher	8
2	3219-14	Nut	8
3	32104-77	Screw Self Tapping	8
4	3217-29	Nut	8
5	18-1390	Instrument Panel	1
6	28-1030	Decal – Caution	1
7	18-2670	Flexible Shaft	1
8	19-2930	Fuel Shut-Off Cable	1
9	2410-13	Plug Button	1
10	3253-21	Lockwasher	1
11	3220-3	Jam Nut	1
12	19-8570	Switch Index Plate (Perkins No. 31812163)	1
13	37-9890	Caution Decal	1
14	19-8550	Ignition Switch (Perkins No. 2846121)	1
15	12-9990	Hour Meter	1

Ref. No.	Part No.	Description	No. Used
16	20-0490	Key (Set of 2)	1
†17	38-1660	Ammeter	1
†† *	18-2190	Ammeter	1
†18	38-1630	Oil Pressure Gauge	1
†† *	18-2200	Oil Pressure Gauge	1
†19	38-1640	Water Temperature Gauge	1
†† *	18-2220	Water Temperature Gauge	1
20	18-2230	Speedometer	1
21	3254-9	Lockwasher	8
†22	38-1650	Fuel Gauge	1
†† *	18-2210	Fuel Gauge	1
†23	38-1670	Mounting Bracket	1
†† *	26-4390	Mounting Bracket	4
† *	38-1940	Wiring Harness	1
†† *	23-8000	Wiring Harness	1
24	39-3680	Warning Decal	1

*Not Illustrated.

†Used on units with Serial No. 90051 & up.

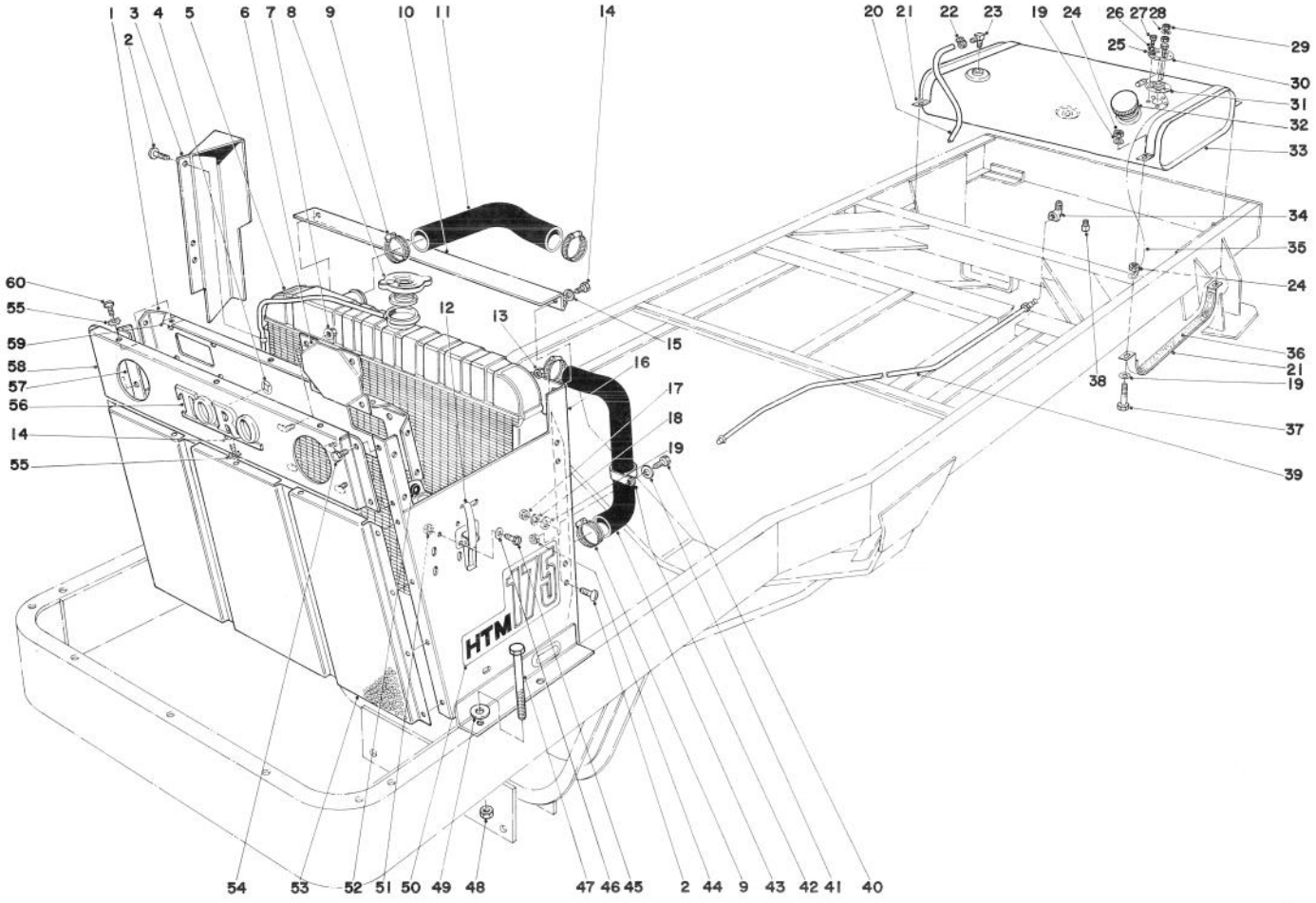
††Used on units with Serial No. 90001 thru 90050.



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

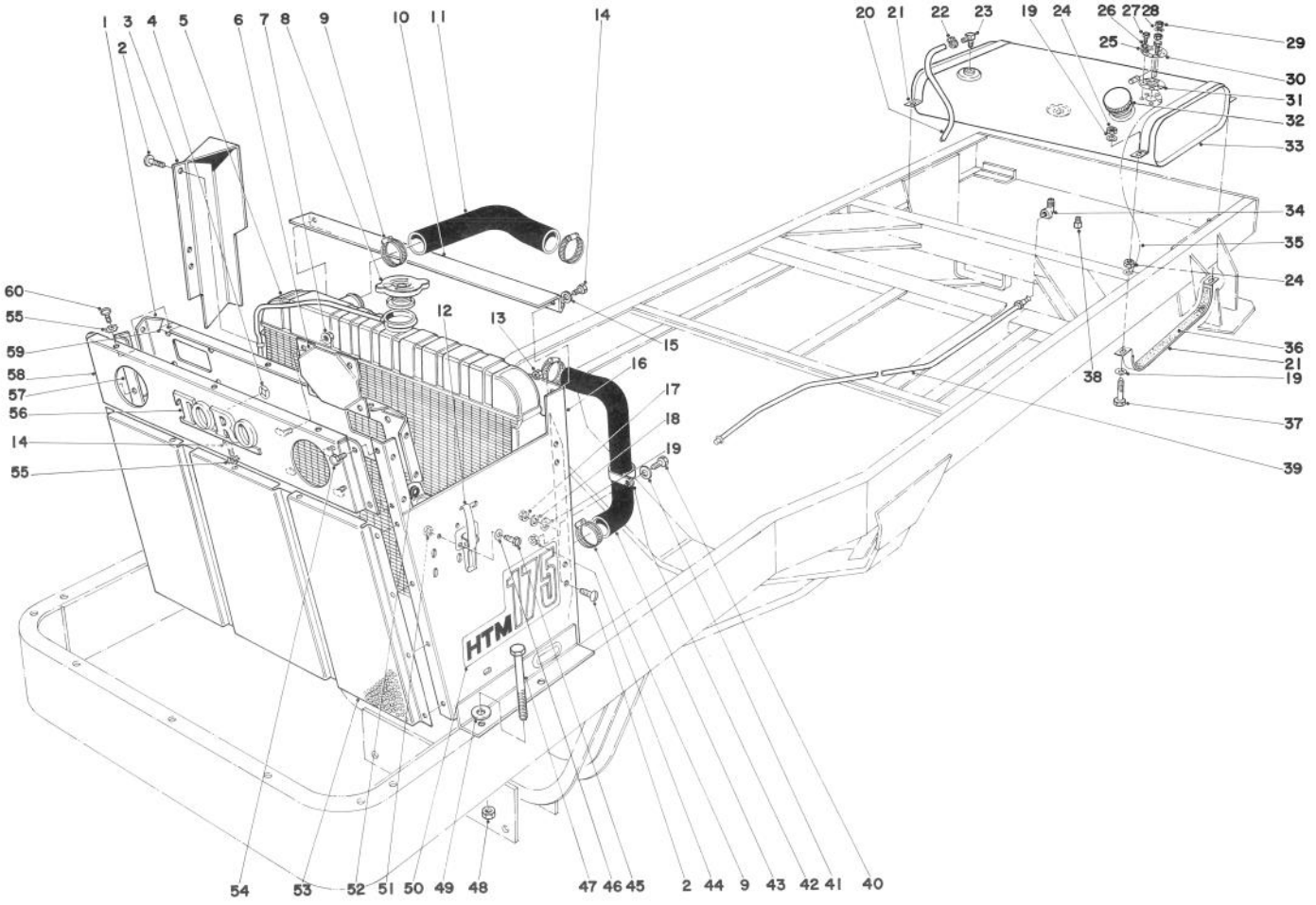
Ref. No.	Part No.	Description	No. Used
4	38-5120	Wire Assembly — Valve Coil	1
5	37-2620	Wire Harness	1



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

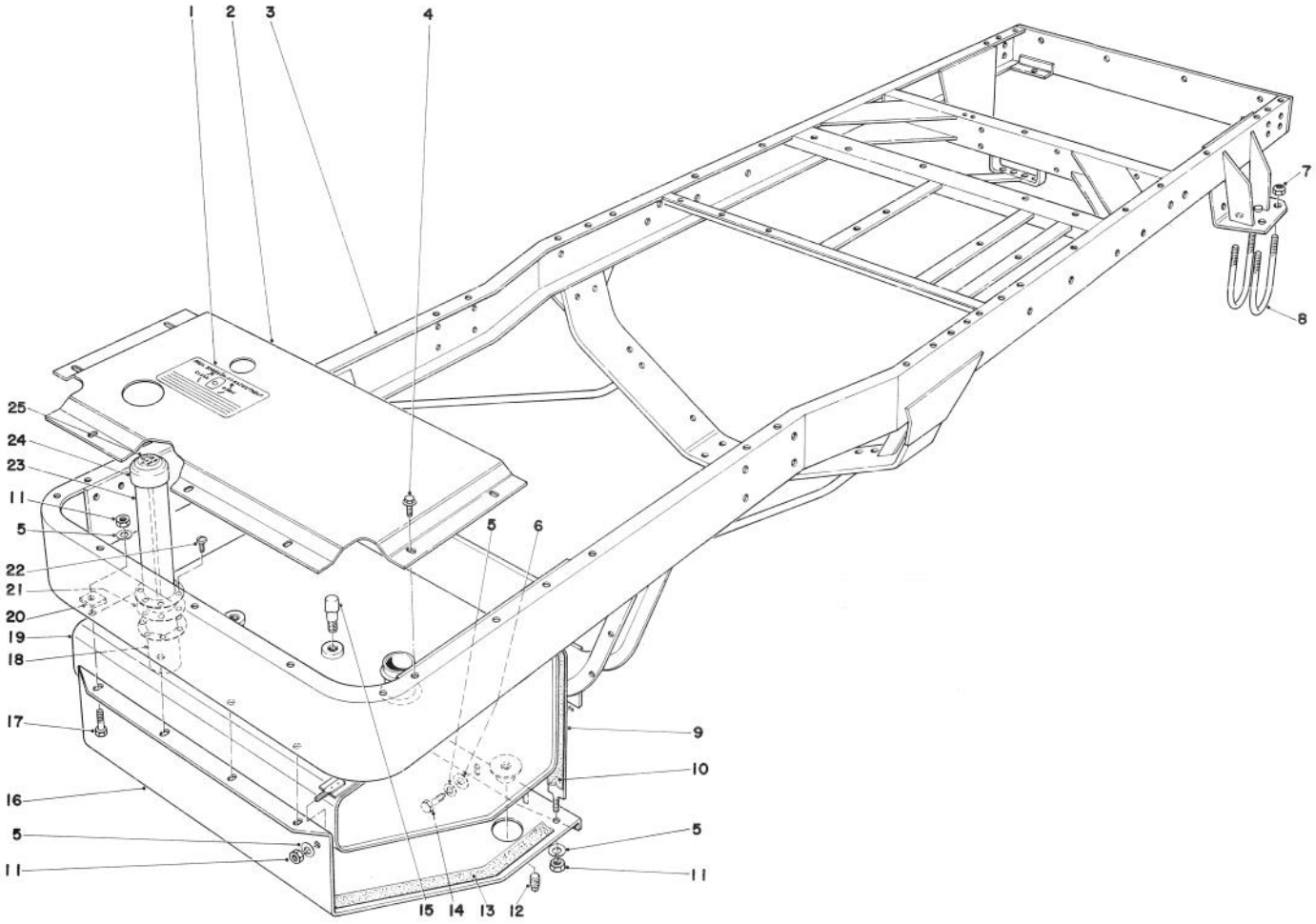
Ref. No.	Part No.	Description	No. Used
24	32146-5	Locknut	8
25	237-49	Seal Rolled Washer	5
26	3254-1	Lockwasher	5
27	3252-16	Fillister Hd. Machine Screw	5
28	3255-17	Lockwasher	1
29	3219-14	Hex Machine Screw Nut	1
30	18-2370	Sender – Fuel Level	1
31	18-2380	Gasket – Fuel Sending Unit	1
32	222-8	Filler 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

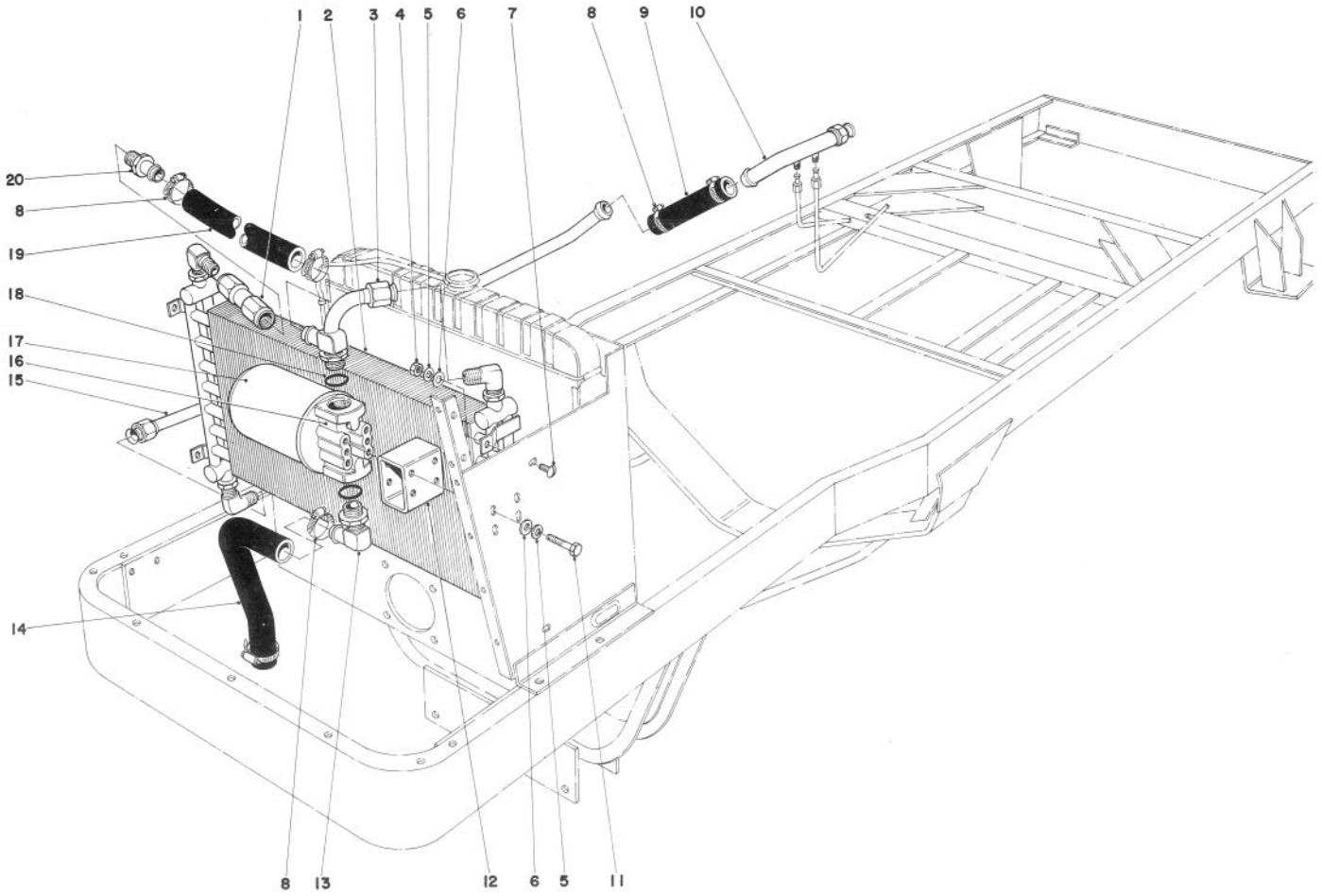
Ref. No.	Part No.	Description	No. Used
54	32140-42	Hex Hd. Self Tapping Screw	12
55	3255-7	Washer	10
56	25-9650	Toro Emblem	1
57	37-2340	Front Side Panel R. H.	1
58	37-2230	Headlight Panel	1
59	3290-192	Tinnerman Clip	7
60	3290-145	Screw Pan Hd.	7



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

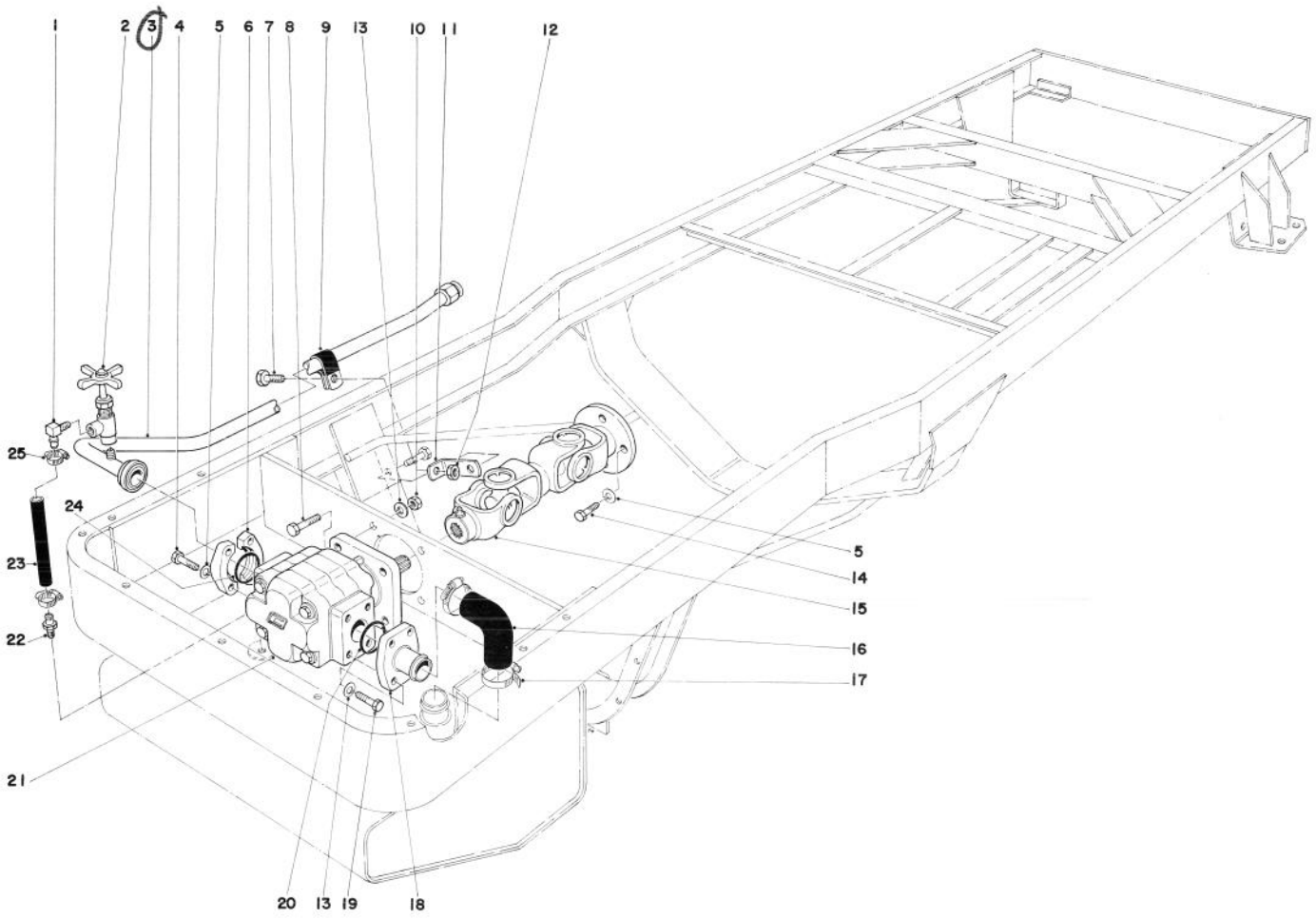
Ref. No.	Part No.	Description	No. Used
14	323-6	Capscrew	4
15	302-54	Relief Fitting	1
16	37-2600	Front Cover Plate	1
17	323-8	Capscrew	4
18	353-573	Screen Assembly	1
19	37-2570	Hydraulic Tank (Incl. Ref. #18, 21-24)	1
20	3290-216	Bevel Washer	4
21	353-500	Gasket	2
22	32104-11	Screw	6
23	353-700	Filler 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 – By Pass	1
2	36-9800	Hydraulic Cooler	1
3	37-2280	Fitting – Special Filter (Incl. Ref. #18)	1
4	3217-6	Nut	4
5	3253-4	Lockwasher	8
6	3256-23	Washer	8
7	32122-14	Machine Screw Truss Hd.	4
8	2412-7.5	Hose Clamp	6
9	37-4240	Hose Center Return	1
10	37-1790	Return Rear	1
11	322-12	Capscrew	4

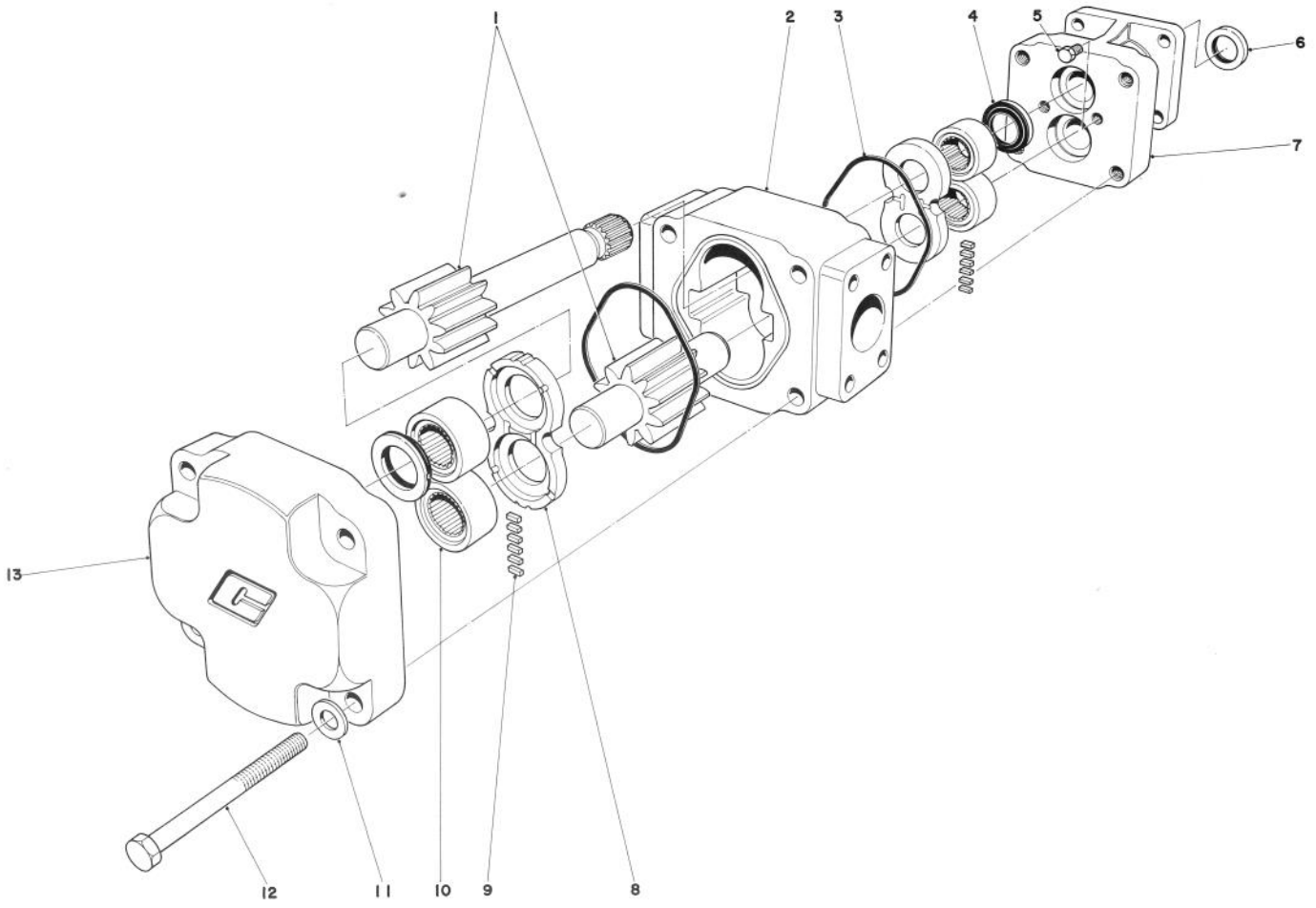
Ref. No.	Part No.	Description	No. Used
12	37-2270	Spacer Oil Filter	1
13	353-681	90° Barb Hose Stem (Incl. Ref. #18)	1
14	37-2530	Hose Filter to Tank	1
15	37-1880	Return Line Front	1
16	27-2370	Hydraulic Filter & Head Assem. (Incl. Ref. #17)	1
17	28-2110	Filter Element	1
18	237-101	O-Ring	2
19	37-2290	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

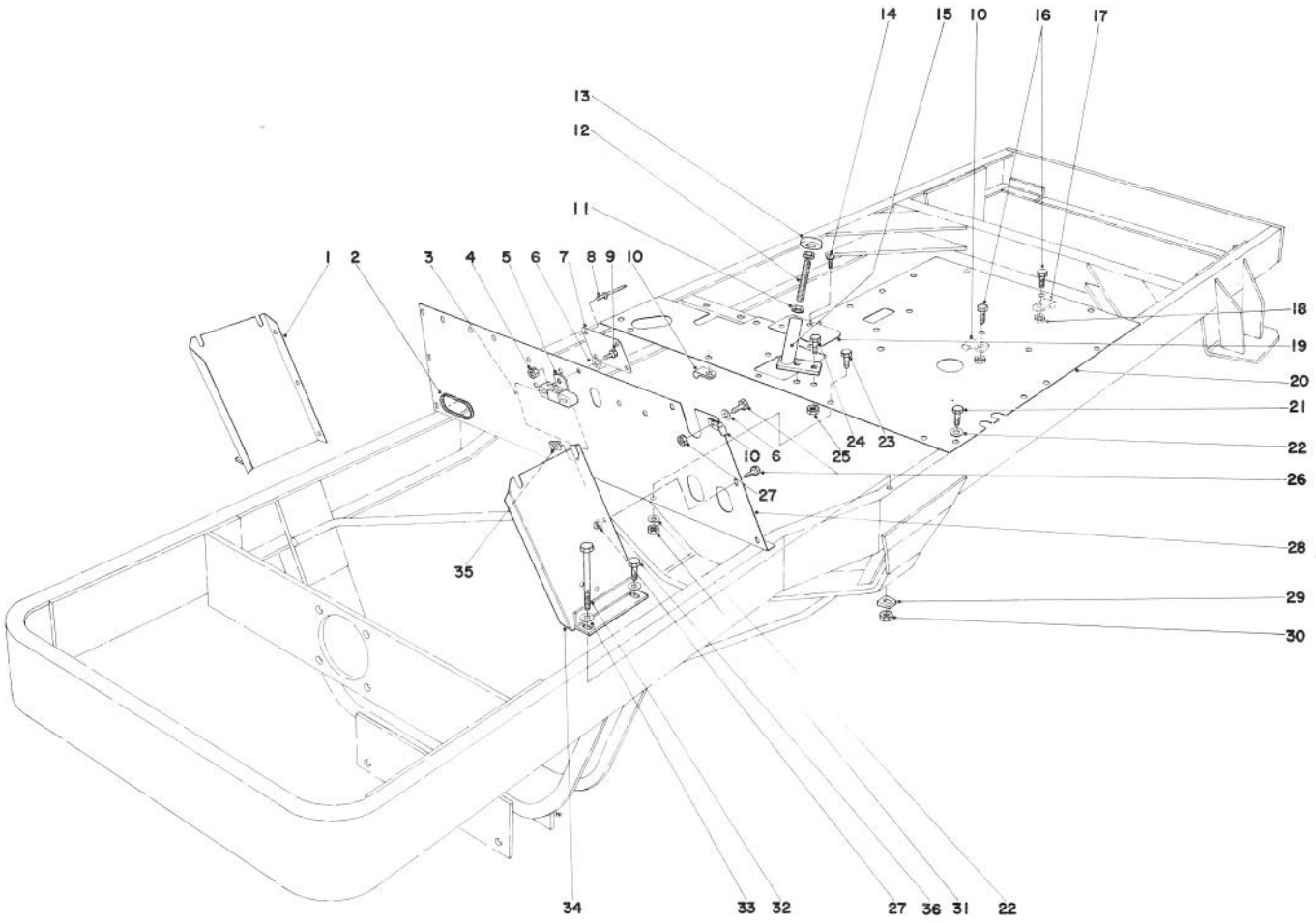
Ref. No.	Part No.	Description	No. Used
14	3212-8	Capscrew	4
15	37-2520	Double Universal Joint	1
16	37-2370	Section Hose Pump Inlet	1
17	2412-42	Hose Clamp	2
18	353-698	"O" Ring Flange	1
19	325-6	Capscrew	4
20	237-116	"O" Ring	1
21	36-9840	Hydraulic Pump	1
22	353-696	Straight Barb Hose Stem	1
23	37-2590	Hose – Fluid By Pass	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	37-8220	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



TOE BOARD ASSEMBLY

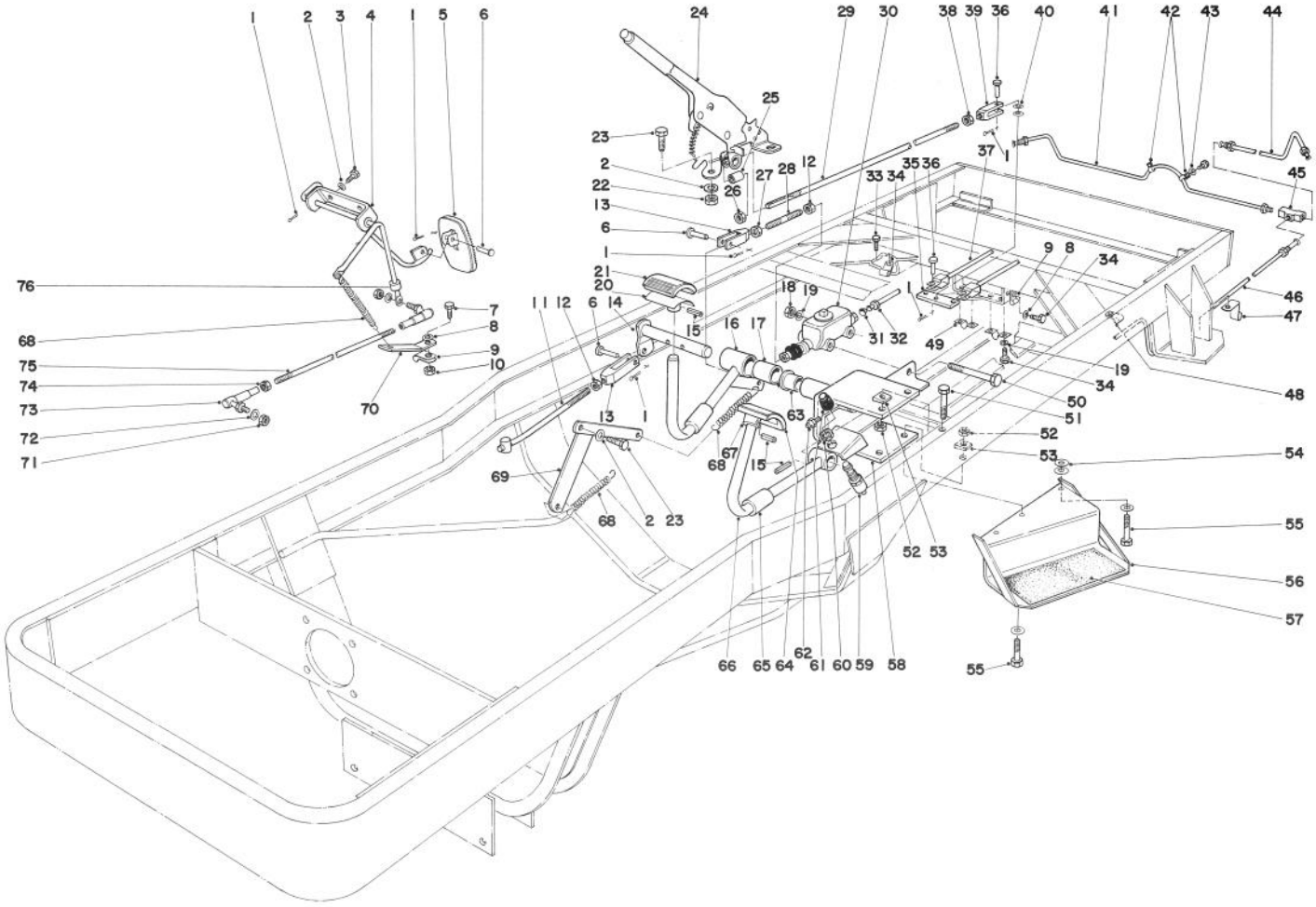
Ref. No.	Part No.	Description	No. Used
1	18-0800	Rear Side Plate R.H.	1
2	18-2310	Grommet	1
†3	38-1690	Starting Instructions	1
††*	19-8560	Starting Instructions	1
4	32146-17	Locknut	1
5	18-2680	Resistor 10 OHM	1
6	3256-22	Washer	2
7	18-3200	Instruction Plate	1
8	3290-56	Pop Rivet	4
9	321-4	Capscrew	1
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

*Not Illustrated.

†Used on units with Serial No. 90051 & up.

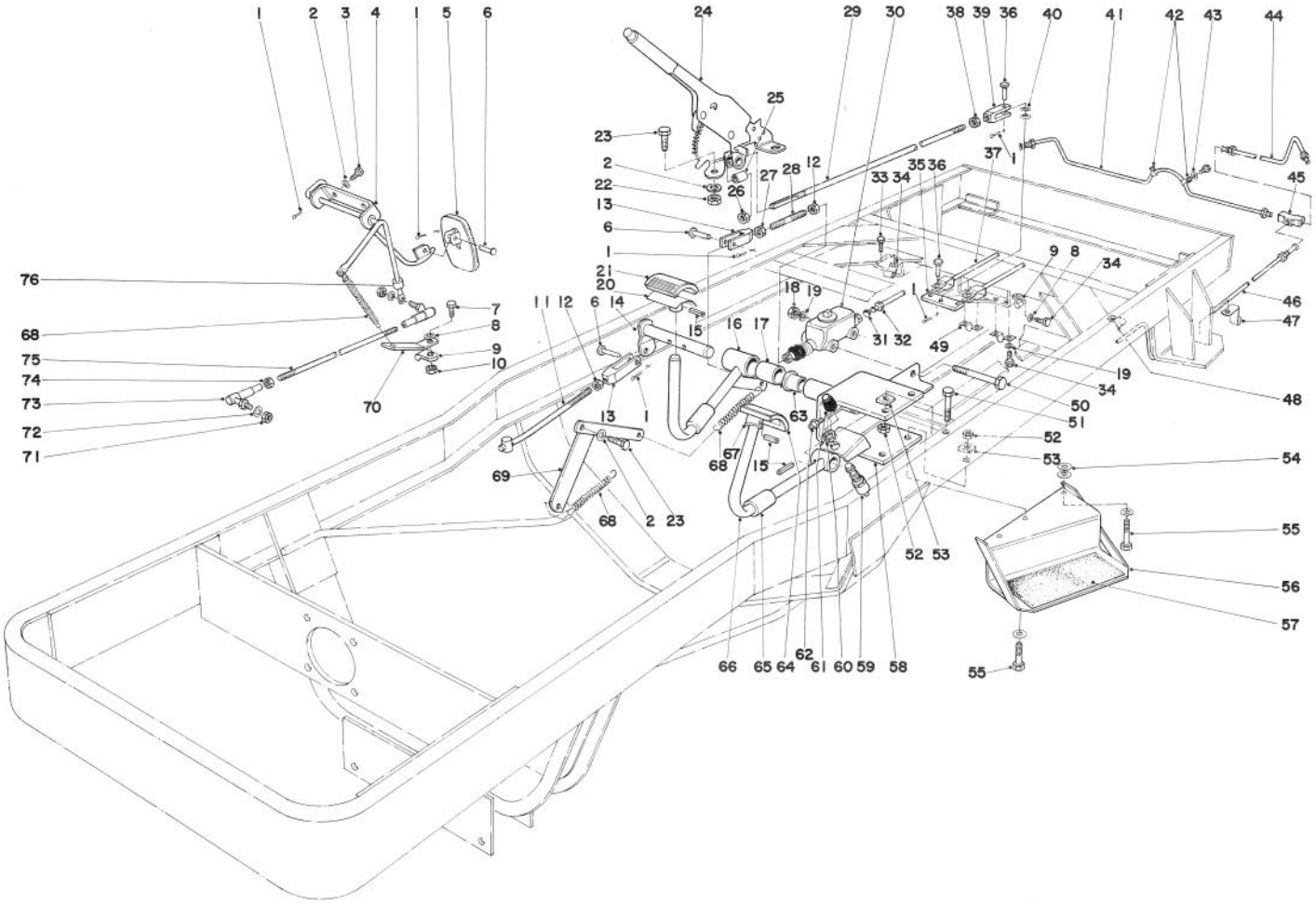
††Used on units with Serial No. 90001 thru 90050.



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

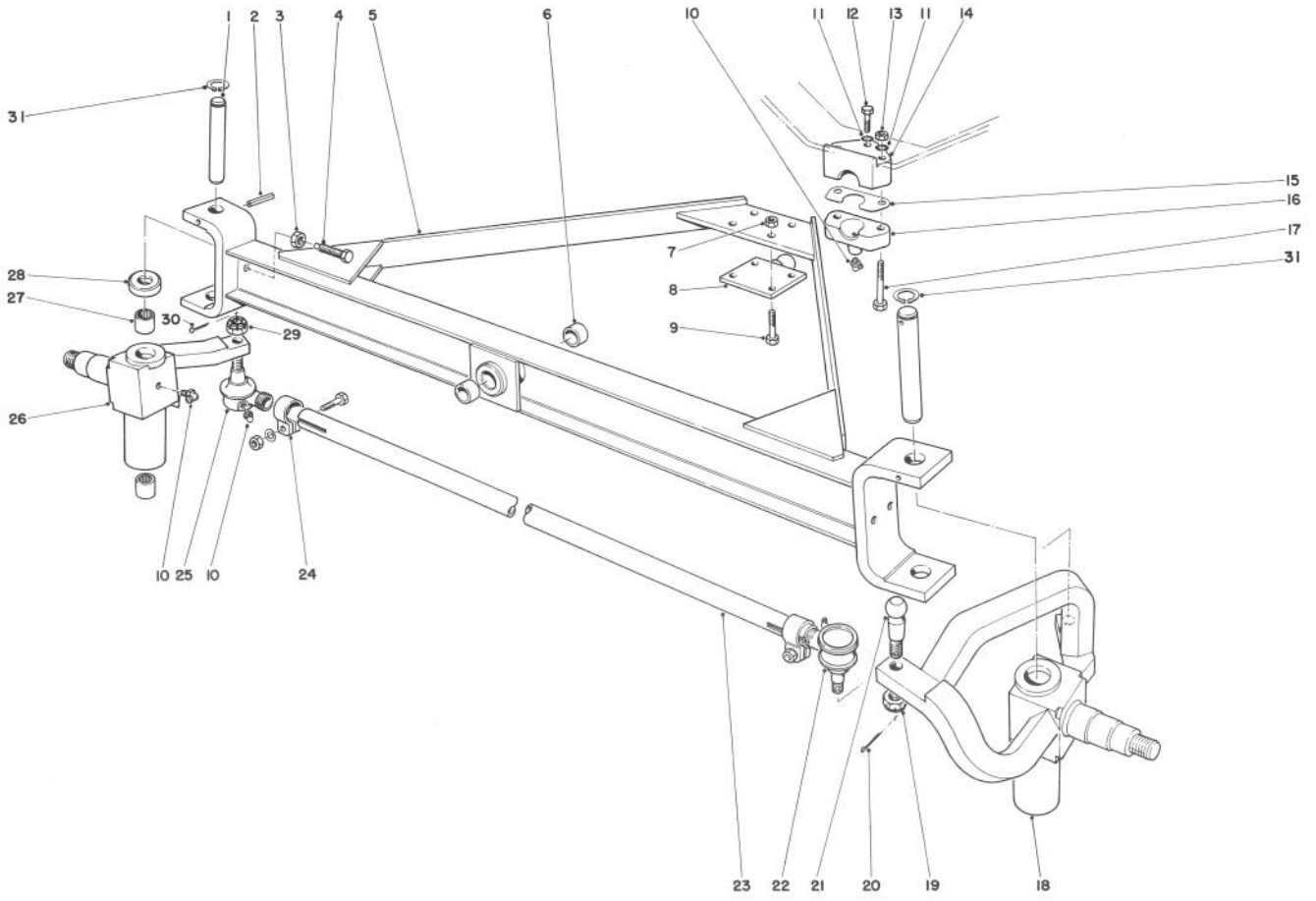
Ref. No.	Part No.	Description	No. Used
24	37-2740	Parking Brake	1
25	29-4750	Spacer	1
26	3296-4	Locknut	1
27	3218-3	Jam Nut	1
28	37-2060	Brake Shaft	1
29	37-3150	Rod – Parking Brake Adj.	1
30	37-4180	Brake Master Cylinder	1
31	353-689	Sealing Ring	1
32	353-688	Adaptor Inv. Flare	1
33	32104-6	Self Tapping 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	1
60	218-461	Nut	2
61	39-0770	Boot	1
62	302-5	Grease Fitting	1

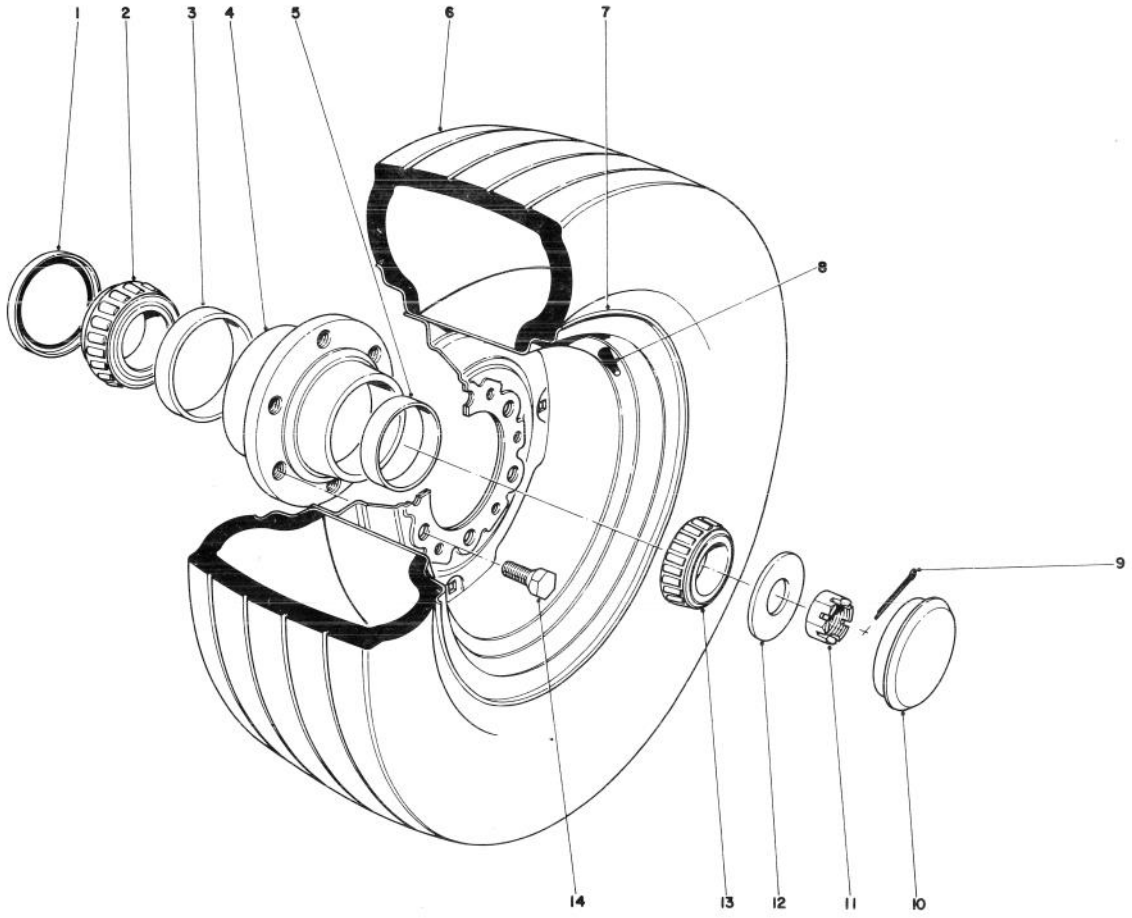
Ref. No.	Part No.	Description	No. Used
63	256-10	Bushing	2
64	7-3901	Clutch Pad	1
65	3-3107	Rubber Bumper	2
66	3-3750	Clutch Pedal	1
67	10-0680	Pedal L. H.	1
68	5-1706	Spring	3
69	19-3710	Bracket – Return Spring	1
70	38-2090	Throttle Bracket	1
71	3219-1	Full Nut	2
72	3253-3	Lockwasher	2
73	18-1720	Ball 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

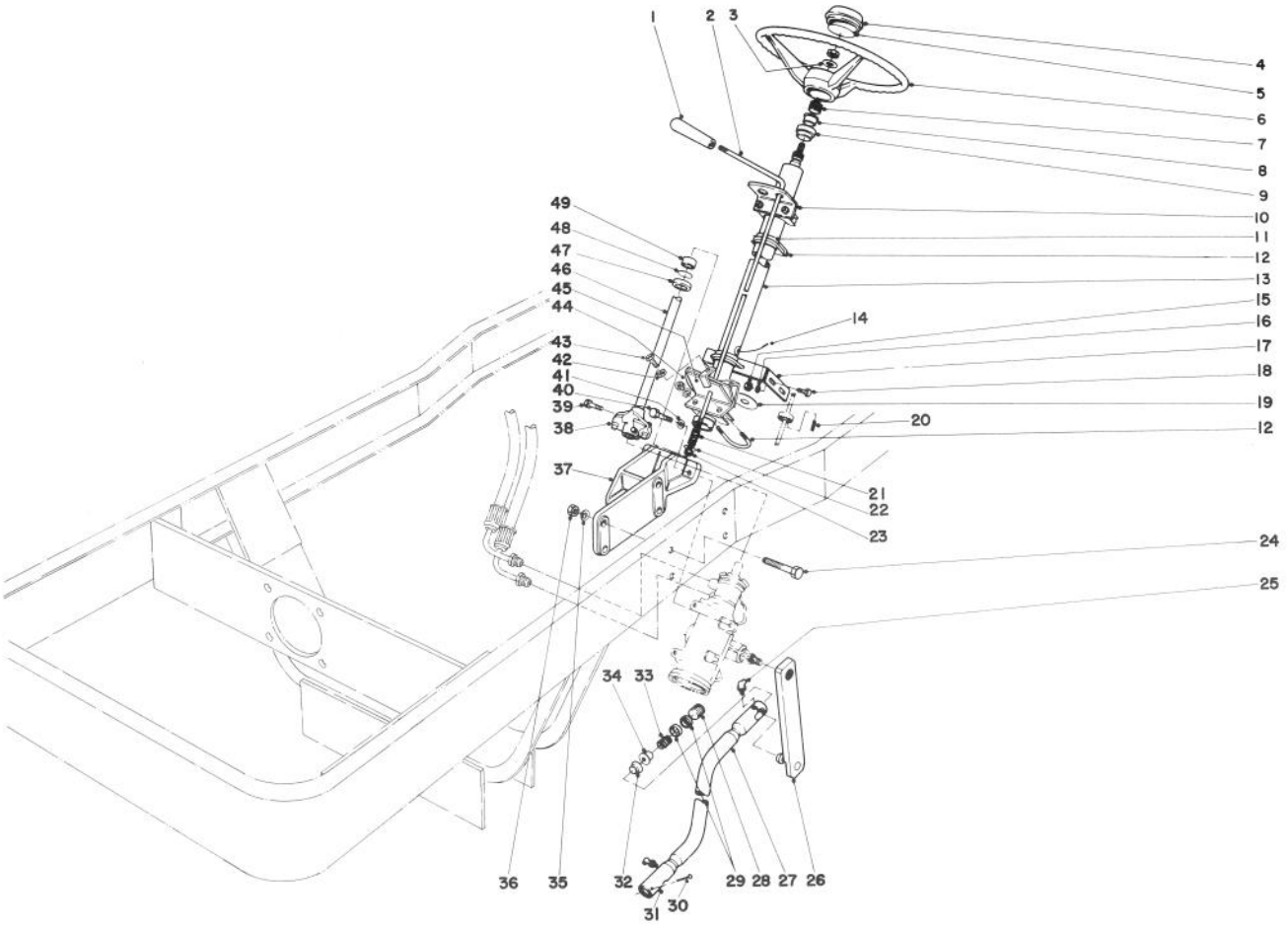
Ref. No.	Part No.	Description	No. Used
17	3214-13	Capscrew	2
18	23-5300	Spindle L.H.	1
19	32136-3	Slotted Nut	1
20	3272-7	Cotter Pin	1
21	5-2966	Ball Stud	1
22	2116-3	Ball Joint L.H.	1
23	3-3710	Tie Rod Assembly (Incl. Ref. #10, 22, 24, 25 & 29)	1
24	2412-7	End Clamp	2
25	2116-4	Ball Joint R.H.	1
26	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. 1-3, 5, 10, 13)	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

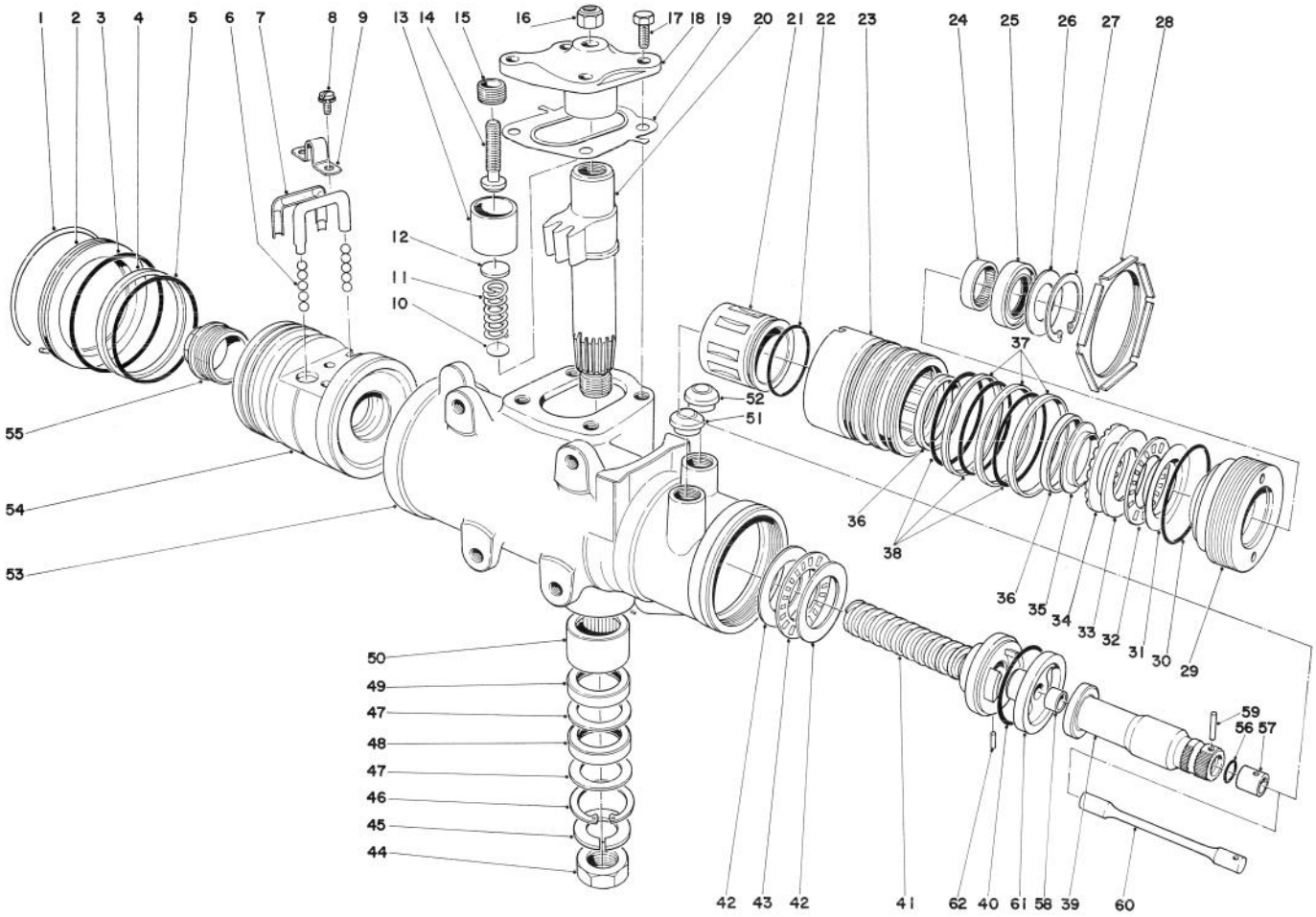
Ref. No.	Part No.	Description	No. Used
1	18-2640	Handle	1
2	18-2710	Lever Handle Throttle	1
3	18-3130	Washer Plain	1
4	18-2140	Cup Steering Wheel	1
5	18-3170	Decal	1
6	18-2110	Steering Wheel	1
7	18-3120	Spring	1
8	18-3110	Seat	1
9	18-3030	Bearing Assembly	1
10	18-2480	Support – Throttle Lever	1
11	18-1310	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	18-2440	Friction Plate	1
†† *	38-1760	Friction Plate	1
†45	18-2470	Bracket Friction Plate	1
†† *	38-1740	Bracket Friction Plate	1
46	18-3090	Steering Shaft Assy.	1
47	18-3070	Retainer Lower Bearing Seal	1
48	18-3080	Seal	1
49	18-3060	Bushing	1

*Not Illustrated

†Used on units with Serial No. 90001 thru 90050

††Used on units with Serial No. 90051 & up.

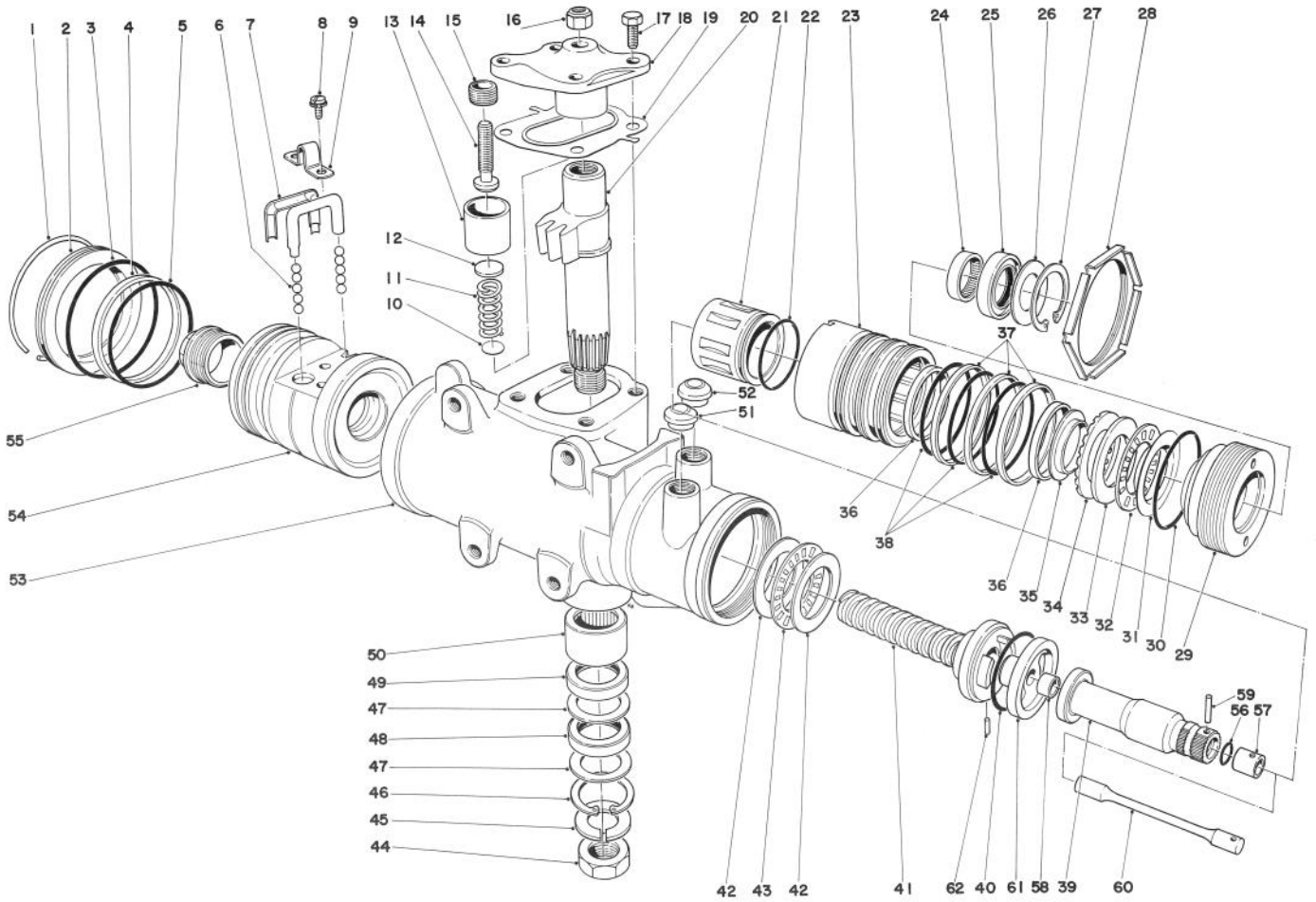


STEERING GEAR 18-2050

Ref. No.	Part No.	Description	No. Used
1		Ring, Retaining	1
2	18-4330	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		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		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		Seal, Stub Shaft Dust	1
27		Ring Retaining	1
28	18-4320	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		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		Nut, Pitman, Arm	1
45		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

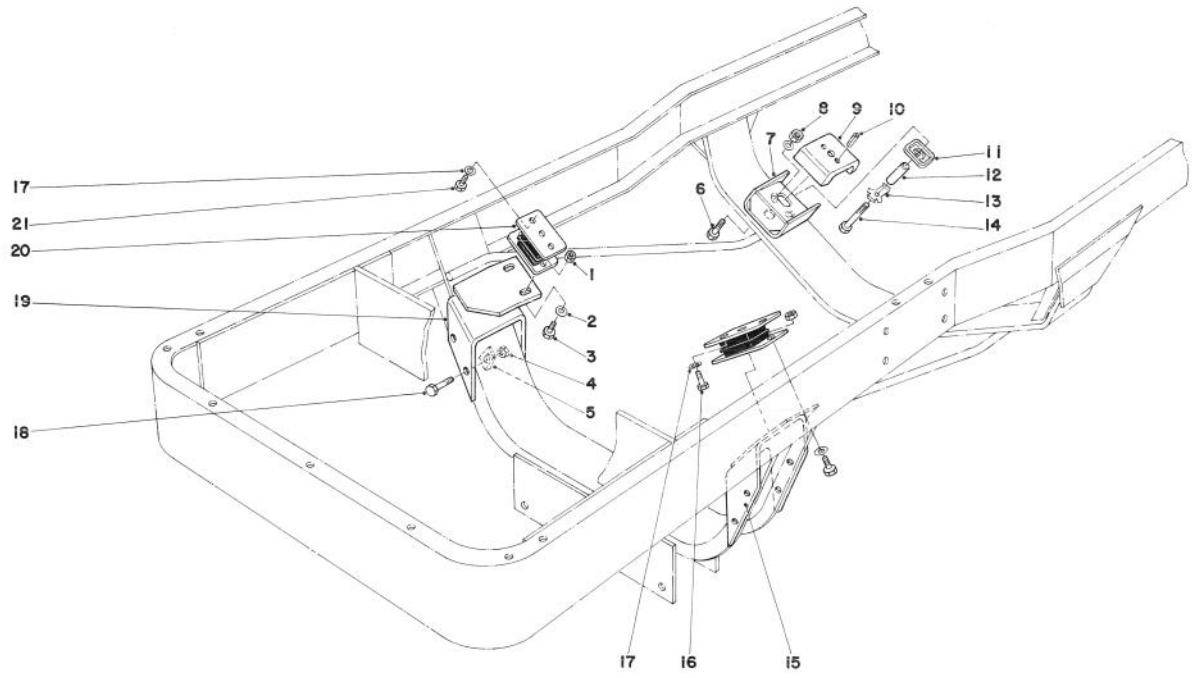


STEERING GEAR 18-2050 (Continued)

Ref. No.	Part No.	Description	No. Used
53		Housing, Steering Gear	1
54		Nut, Rack Piston	1
55	18-4340	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
*	28-8270	Seal Service Kit, End Plug (Incl. 1 & 3)	1

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
*	18-5210	Seal Service Kit, Master (Incl. Items 1, 3, 16-17, 22, 25-27, 30, 37-38, 40 & 46-49)	1
*	28-8240	Seal Service Kit, Housing Side Cover (Incl. Items 17 & 19)	1
*	18-4190	Steering Gear Housing Assembly (Incl. Items 17 & 50-53)	1
*	18-4230	Plug Service Assembly Adjuster (Incl. Items 24-27 & 29-35)	1
*	28-8260	Connector Service Kit (Inverted Flare) (Incl. Items 51-52)	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
*	18-2050	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

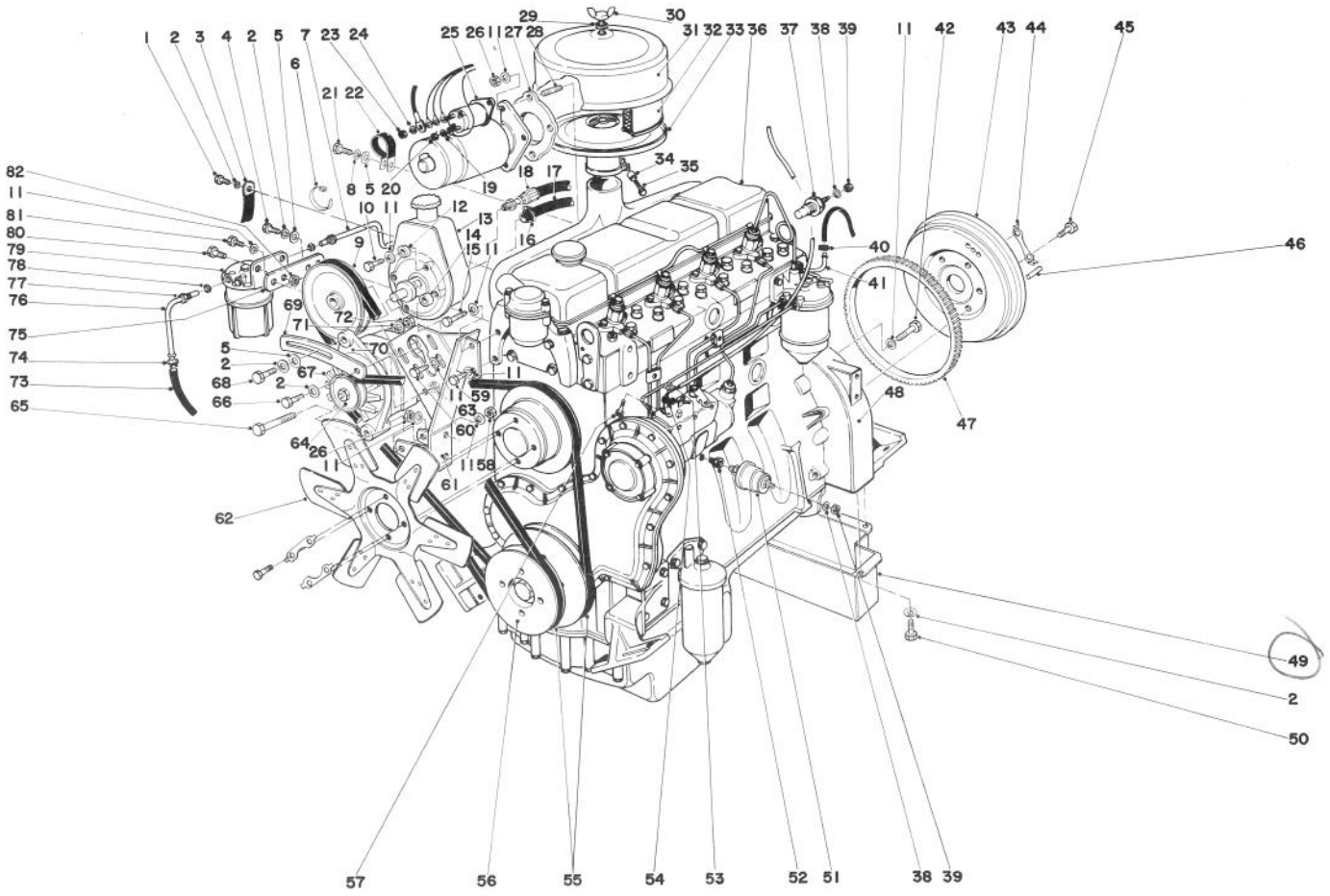


ENGINE MOUNTS ASSEMBLY

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	18-0050	Upper Mount	2
10	32121-46	Roll Pin	2
11	18-0070	Lower Mount	2

Ref. No.	Part No.	Description	No. Used
12	18-0060	Spacer	2
13	18-0080	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.



ENGINE ASSEMBLY

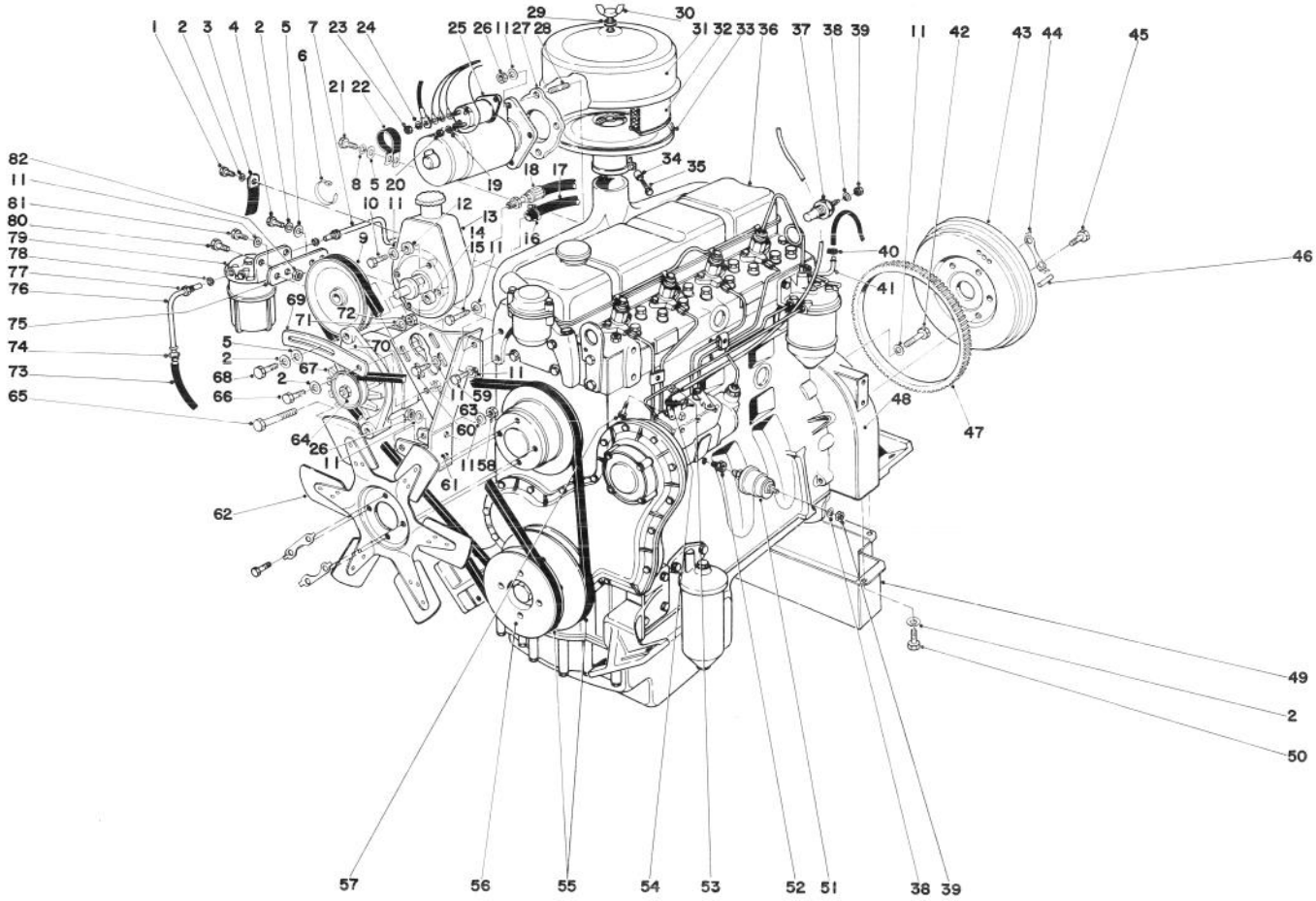
Ref. No.	Part No.	Description	No. Used
1	3210-2	Capscrew	1
2	3253-4	Lockwasher	8
3	18-2770	Ground Cable	1
4	3210-2	Capscrew	1
5	3256-23	Washer	3
6	3290-336	Locking Strap	1
7	19-3750	Fuel Line	1
8	3253-24	Lockwasher	1
9	37-1640	Pulley	1
10	323-8	Capscrew	2
11	3253-21	Lockwasher	22
12	37-1670	Spacer (Short)	2
13	36-9850	Pump Power Steering	1
14	37-1680	Spacer (Long)	2
15	3211-12	Capscrew	1
16	2412-34	Worm Clamp	1
17	37-2510	Hose Power Steering Return	1
18	37-2500	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	36-9580	Starter Adapter (Perkins No. 0330914)	1
28	36-9590	Stud (Perkins No. 0827801)	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
†† *	18-1750	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	36-9540	Flywheel (Perkins No. 31222555)	1

*Not Illustrated

†Used on units with Serial No. 90051 and up.

††Used on units with Serial No. 90001 thru 90050.

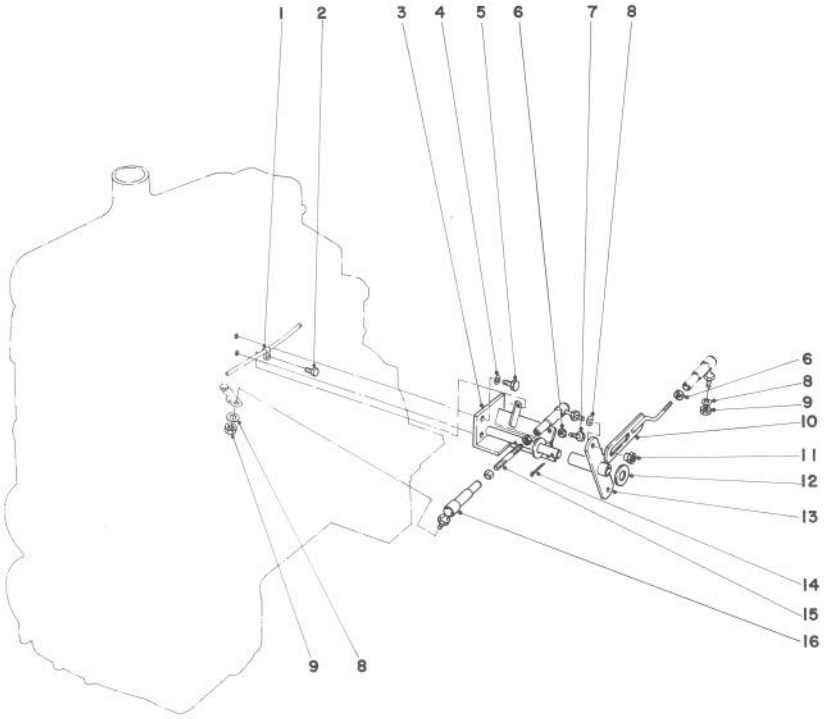


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	36-9560	Tab Washer – Flywheel (Perkins No. 0921062)	3
45	3213-1	Capscrew	6
46	36-9570	Dowel Pin (Perkins No. 0350025)	2
47	36-9550	Ring Gear (Perkins No. 0410276)	1
48	36-5040	Clutch Housing	1
49	36-9600	Bottom Cover Clutch Housing	1
50	322-2	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	323-7	Capscrew	2
61	37-1040	Alternator & Pump Support	1
62	19-7470	Fan (Perkins No. 0360084)	1
63	3217-6	Nut	1

Ref. No.	Part No.	Description	No. Used
64	19-3470	Pulley	1
65	323-14	Capscrew	1
66	322-3	Capscrew	1
67	18-1600	Fan	1
68	322-5	Capscrew	1
69	37-1630	Arm Alternator Adjustment	1
70	36-2420	Alternator 42 Amp	1
71	3255-10	Lockwasher	1
72	3217-28	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	19-7500	Nut Compression (Perkins No. 0571346)	3
78	19-7510	Sleeve Compression (Perkins No. 0566004)	3
79	19-7490	Water Trap (Perkins No. 2656084)	1
80	323-6	Capscrew	2
81	3211-2	Capscrew	1
82	32146-2	Locknut	2

#49 39-7480 new #
needs 322-4 capscrews.

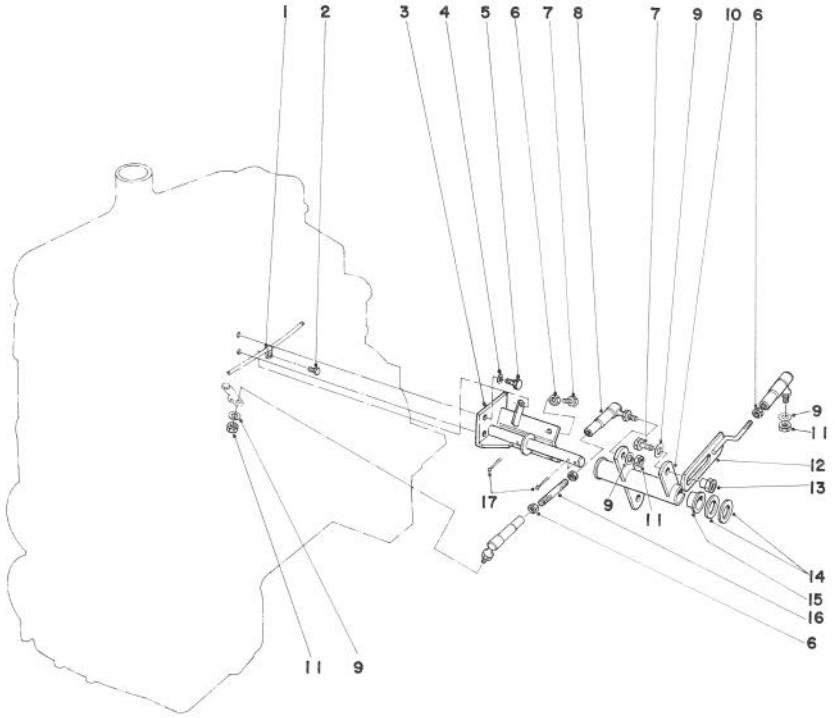


PIVOT SHAFT AND ARM ASSEMBLY

Used on units with serial no. 90001 thru 90050

Ref. No.	Part No.	Description	No. Used
1	2412-31	Support Clamp	1
2	32140-32	Self Tapping Screw	1
3	19-3760	Pivot Shaft	1
4	3253-4	Lockwasher	2
5	3210-3	Capscrew	2
6	3220-1	Jam Nut	3
7	329-4	Capscrew	2
8	3253-3	Lockwasher	3

Ref. No.	Part No.	Description	No. Used
9	3219-1	Nut	2
10	19-3400	Slide Hand Throttle	1
11	19-3430	Nut Special	1
12	3256-28	Washer	4
13	19-3820	Pivot Arm	1
14	3272-11	Cotter Pin	2
15	19-3850	Rod Pivot Arm To Inj. Pump	1
16	18-1720	Ball Joint	3

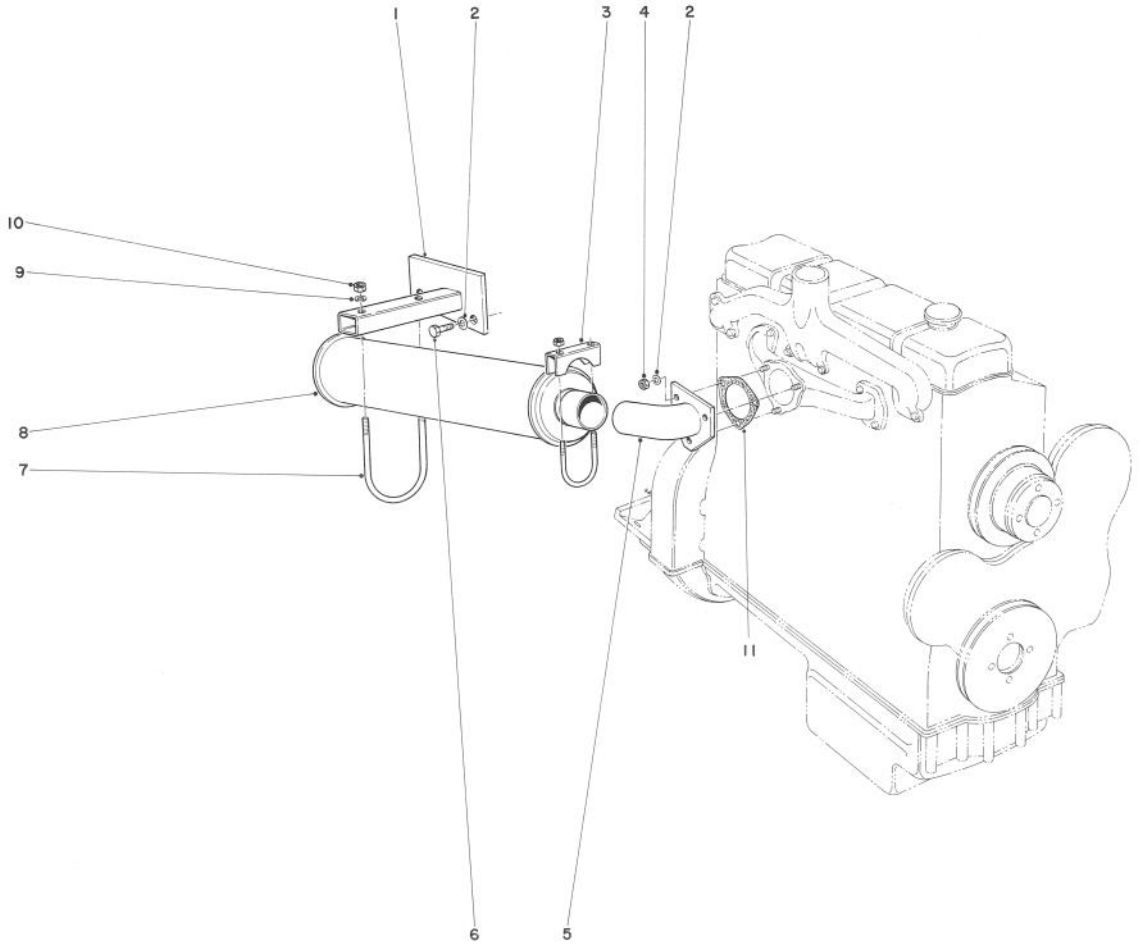


PIVOT SHAFT AND ARM ASSEMBLY

Used on units with Serial No. 90051 & Up.

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

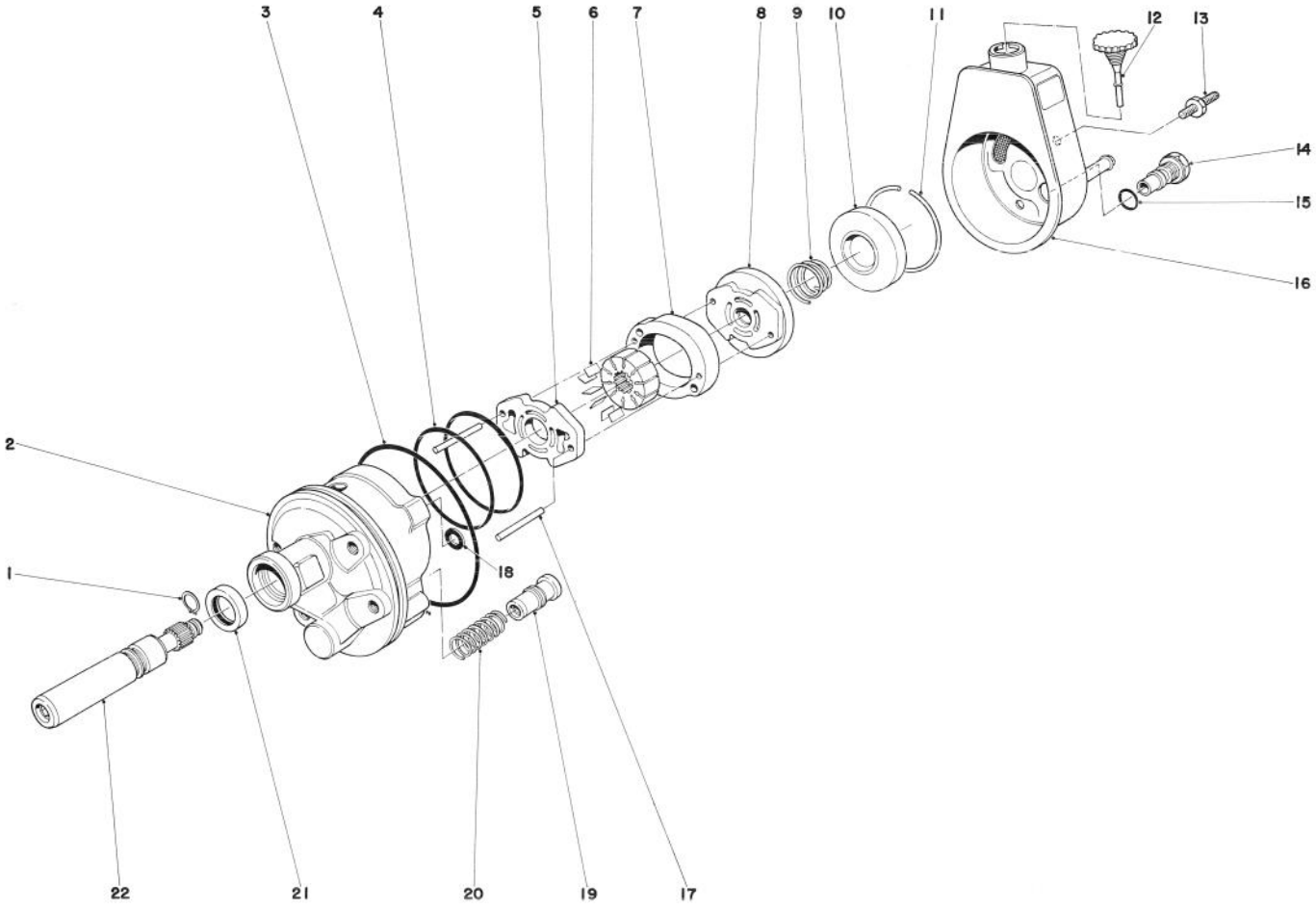
Ref. No.	Part No.	Description	No. Used
10	38-1970	Pivot Arm (Incl. Ref. #15)	1
11	3219-1	Nut	3
12	19-3400	Slide - Hand Throttle	1
13	19-3430	Special Nut	1
14	3256-28	Washer	4
15	256-244	Bushing	2
16	19-3850	Rod - Pivot Arm To Inj. Pump	1
17	3272-12	Cotter Pin	2



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
8	19-3860	Muffler	1
9	3256-23	Flat Washer	2
10	32146-5	Locknut	2
11†	19-7520	Gasket (Perkins No. 36822111)	1

†Obtain from your local Perkins Dealer.

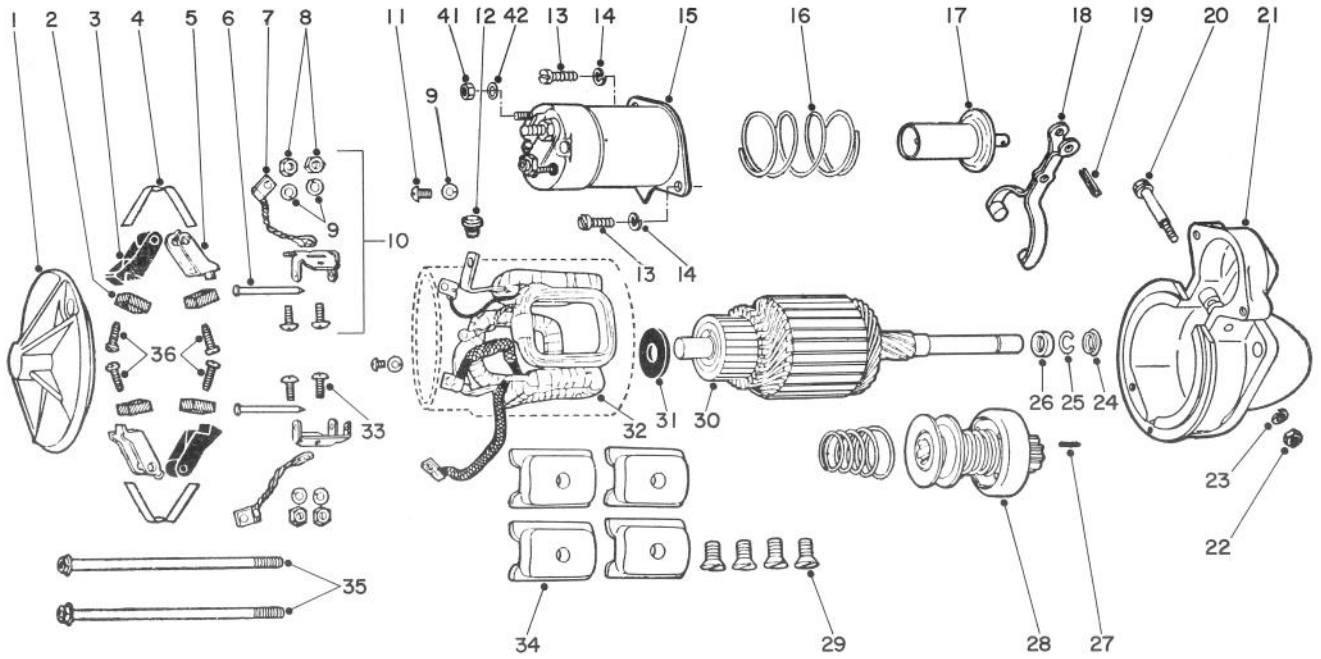


PUMP POWER STEERING NO. 36-9850

Ref. No.	Part No.	Description	No. Used
1	37-8320	Ring, Shaft Retaining	1
2	37-8290	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	37-8480	Stud Pump Mounting	2

Ref. No.	Part No.	Description	No. Used
14	37-8470	Fitting Assembly (Incl. Ref. #15)	1
15	37-8330	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

*Not Illustrated

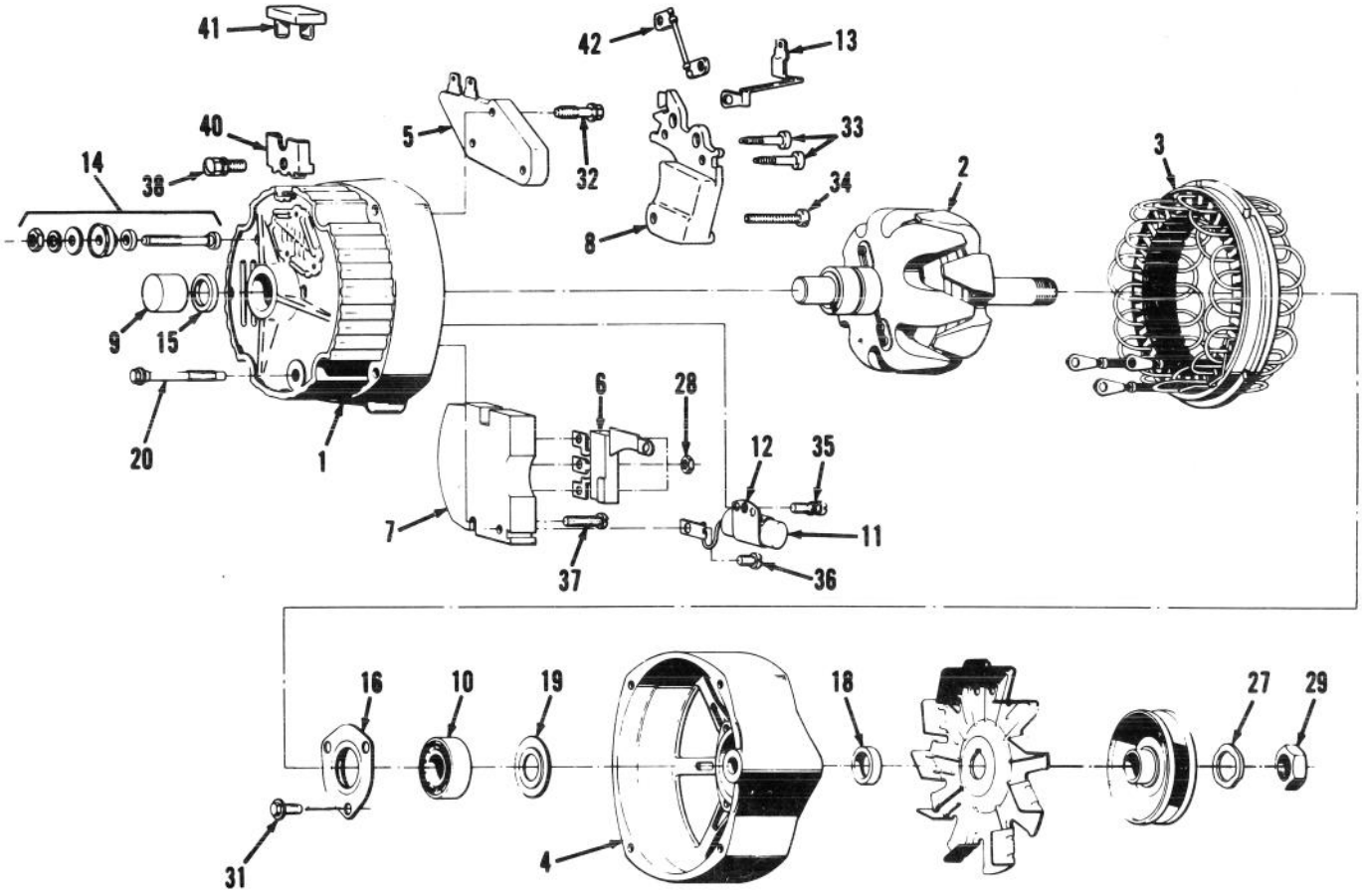


STARTER MOTOR ASSEMBLY NO. 19-3460

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

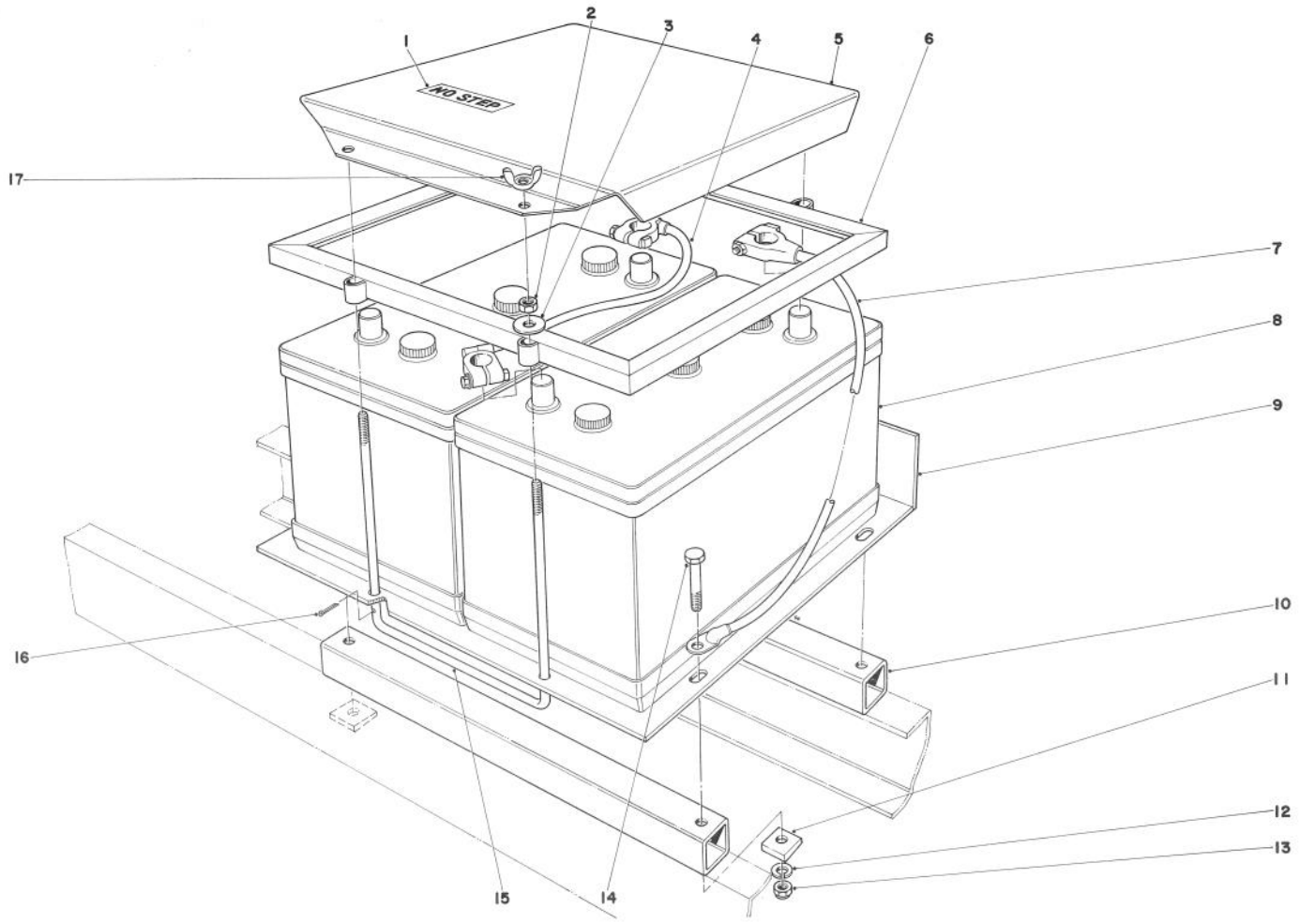


ALTERNATOR ASSEMBLY NO. 36-2420

Ref. No.	Part No.	Description	No. Used
1	1894595	S.R.E. Frame (Incl. Ref. #9-15)	1
2	1876163	Rotor Assembly	1
3	1894594	Stator Assembly	1
4	1970525	Frame D.E.	1
5	1116387	Regulator	1
6	1971528	Diode Trio	1
7	1891055	Rectifier Bridge	1
8	1894559	Brush Holder & Brush Assembly	1
9	9436831	Roller Bearing – S.R.E.	1
10	908019	Ball Bearing D.E.	1
11	1971411	Capacitor	1
12	1869573	Bracket – Capacitor	1
13	1894568	Terminal – Relay	1
14	1846900	Terminal Package	1
15	1961323	Oil – Seal	1
16	1971993	Plate – Ball Bearing Retainer – D.E.	1
18	1959991	Collar – Shaft Outside – D.E.	1

Ref. No.	Part No.	Description	No. Used
19	800832	Slinger – Grease D.E.	1
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	436700	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
*	36-2420	Alternator Complete	1

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

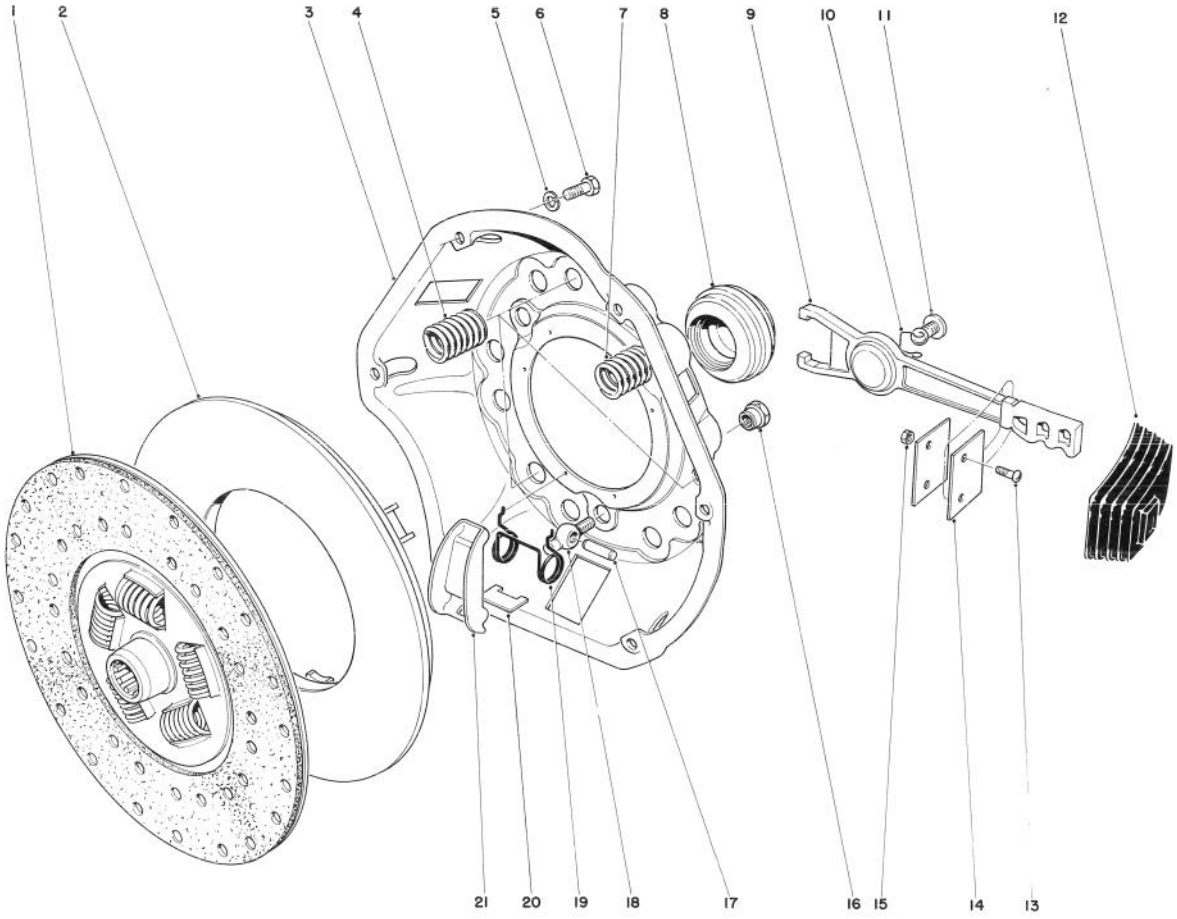


BATTERY AND BASE ASSEMBLY

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

Obtain Battery locally
SAE 1 or 4
12.5" length
7" width
9" High
Prestolite 1408
Exide Com. 4H

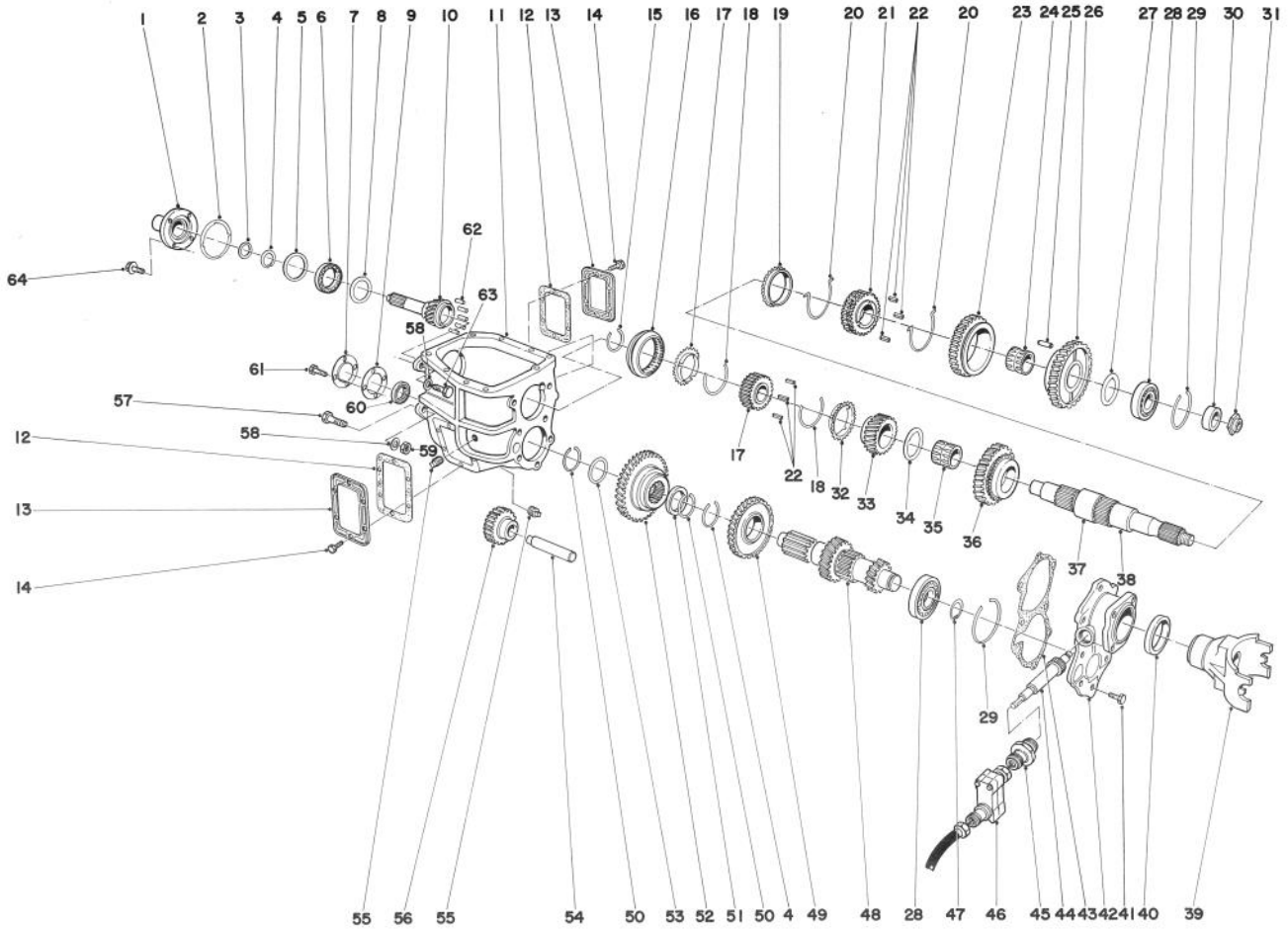


CLUTCH ASSEMBLY

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 Complete	1

*Not Illustrated
**Obtain from your local GM Chevrolet dealer.



TRANSMISSION ASSEMBLY NO. 36-9320

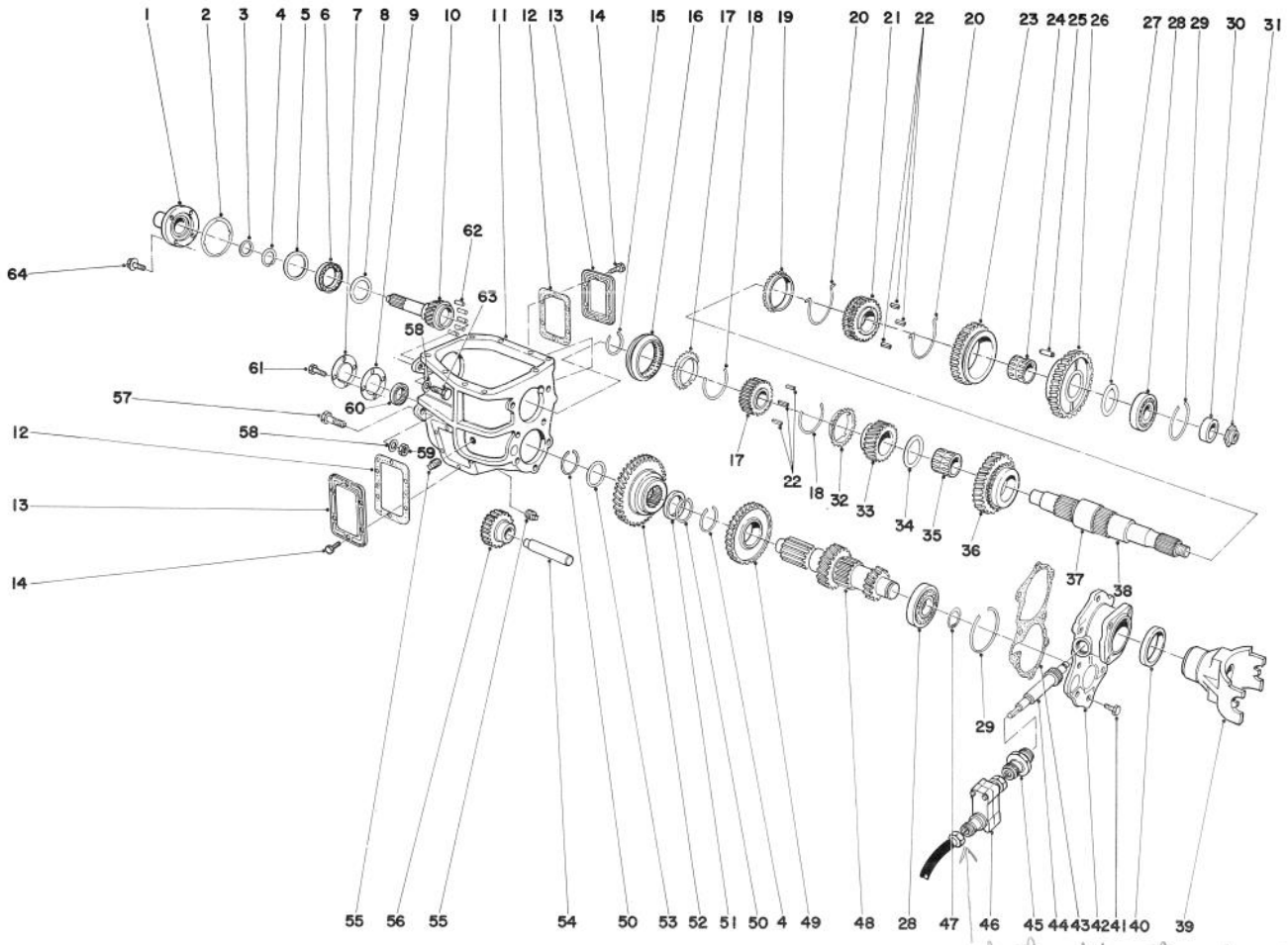
Ref. No.	Part No.	Description	No. Used
1	3901178	Retainer Pilot Gear	1
2	3930800	Gasket	1
3	3987937	Seal	1
4	3901152	Ring Retaining	2
5	3866655	Ring	1
6	907993	Bearing	1
7	3866347	Cap	1
8	3901177	Slinger	1
9	3866348	Gasket	1
10	3901175	Gear - Clutch	1
11	465453	Case With Plugs	1
12	6273214	Gasket - Power 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

Reference No. 1 thru 43, obtain from your local GM, Chevrolet dealer.

*Not Illustrated.

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	36-9360	Sleeve (GM No. 3866790)	1
†45	36-9370	Driven Gear (GM No. 3866917)	1

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



TRANSMISSION ASSEMBLY NO·36-9320 (Continued)

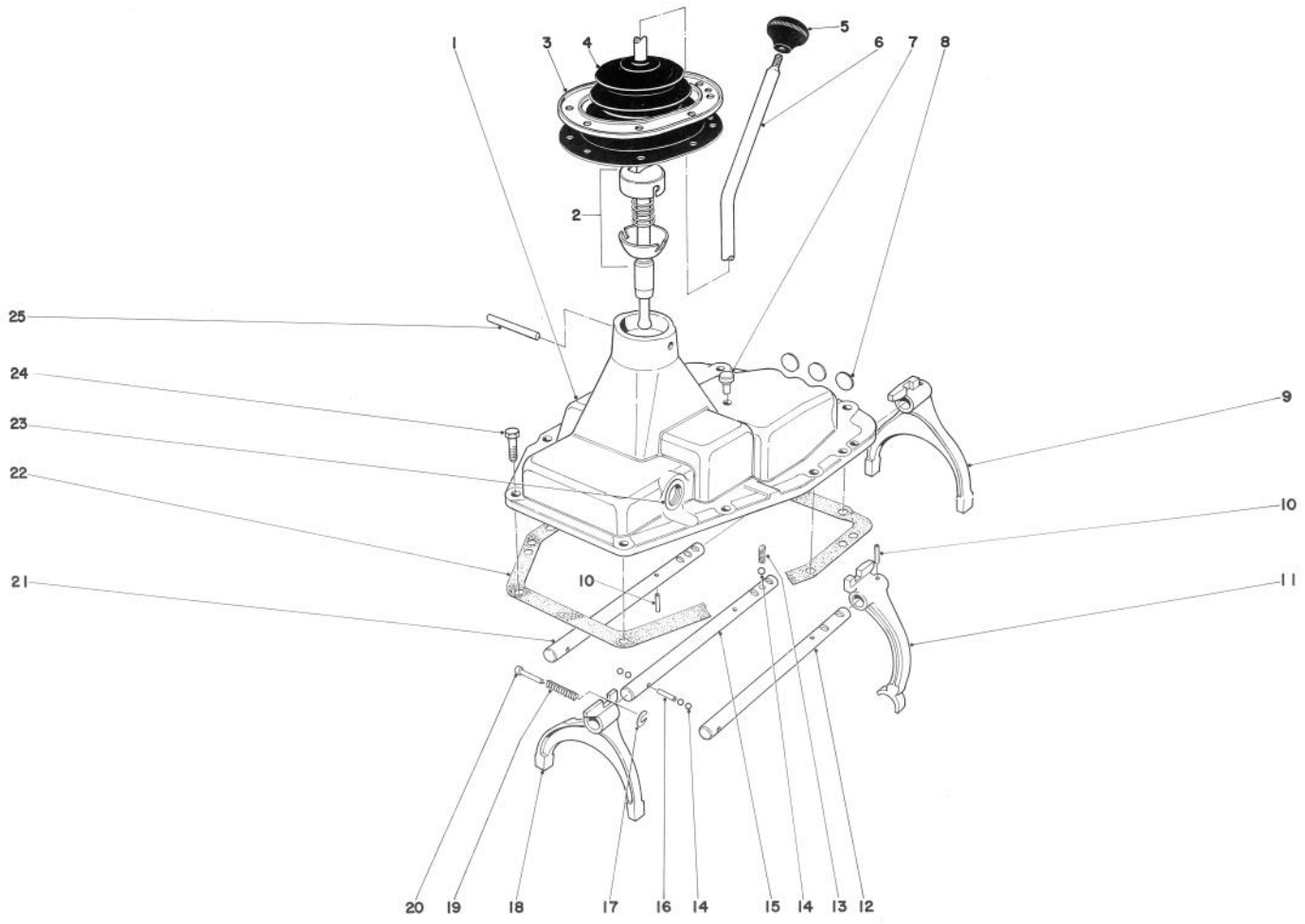
Ref. No.	Part No.	Description	No. Used
46	36-9290	Adapter - Gear Reducer	1
47	3866346	Ring	1
48	465449	Gear	1
49	3968038	Gear	1
50	3920703	Ring	2
51	3946795	Spacer	1
52	3955570	Gear	1
53	3901153	Thrust Washer	1
54	3901144	Shaft - Rev. Idle	1
55	444746	Plug	2
*	444744	Plug (Optional For Item #55)	2

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.

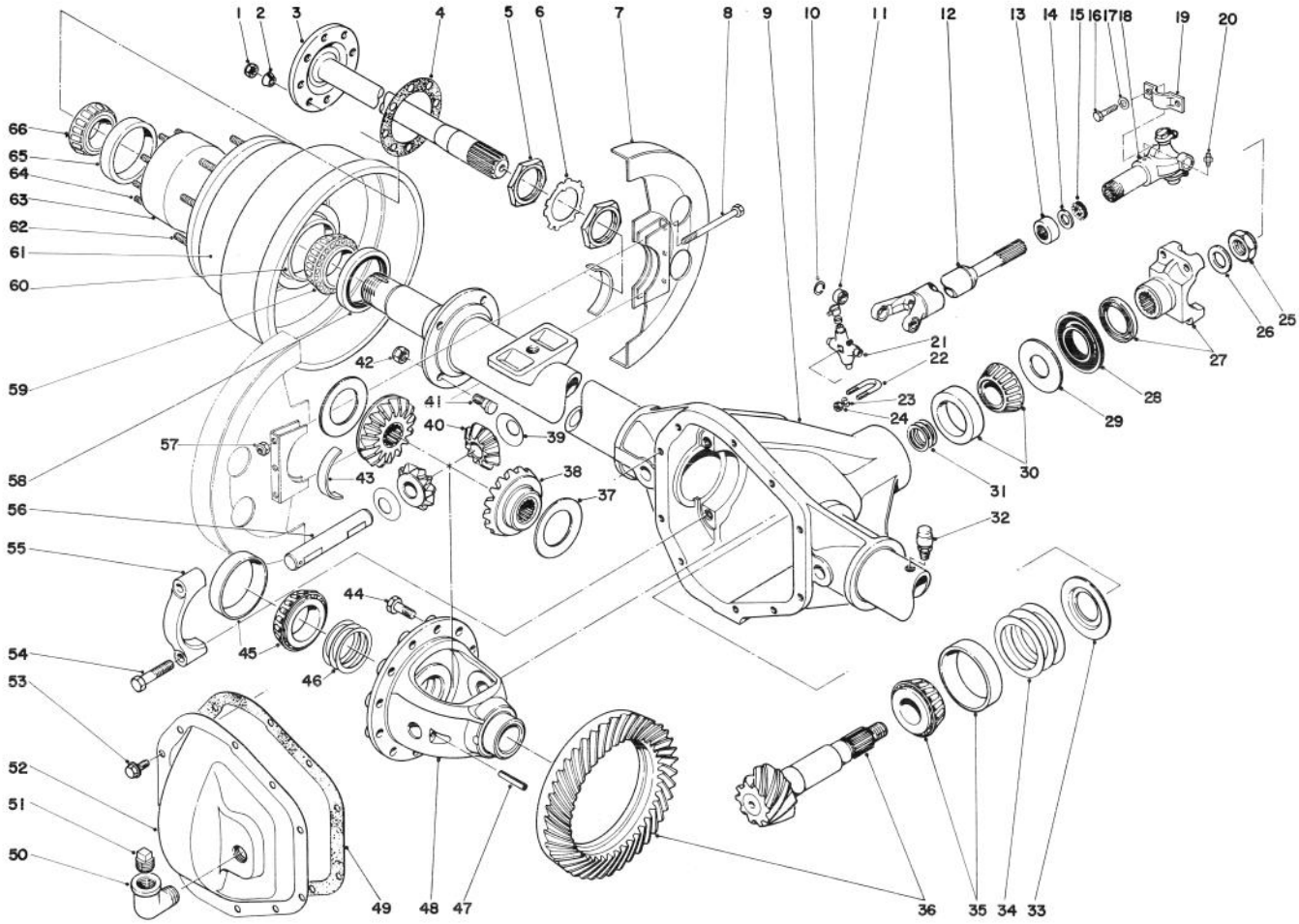
Obtain all other parts from your local GM, Chevrolet Dealer.



TRANSMISSION COVER

Ref. No.	Part No.	Description	No. Used
1	3952668	Cover	1
*2	36-9420	Transmission Kit	1
*3	36-9380	Retainer - Transmission	1
*4	36-9390	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
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

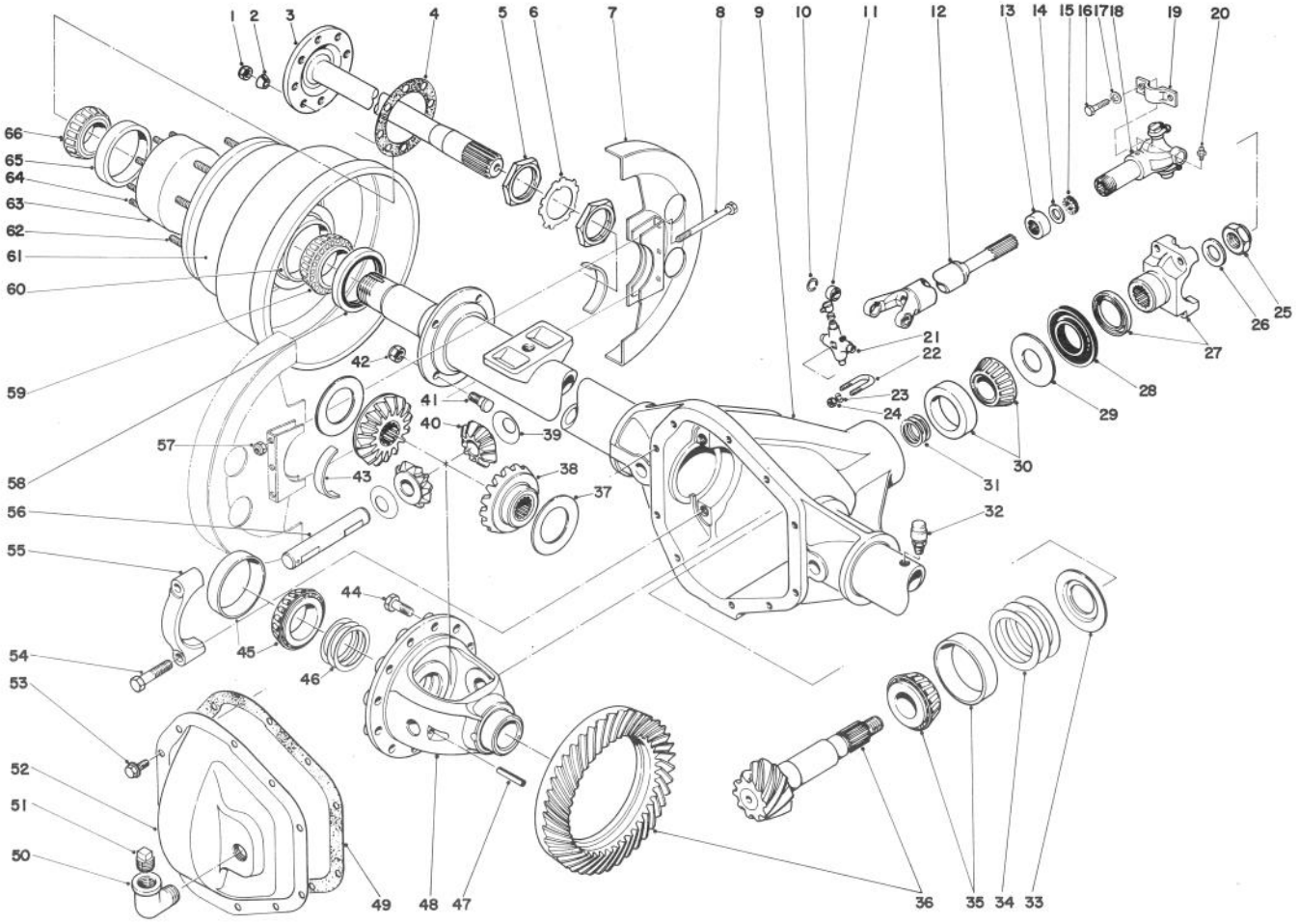
*Order from Toro. All other parts obtain from your local GM, Chevrolet dealer.



REAR AXLE AND DRIVE LINE

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	37-7580	Case Differential Assembly	1
10	18-4650	Retaining Ring	4
11	18-4660	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	18-4670	Cross Journal	2
22	214-229	U-Bolt	2
23	3253-21	Lockwasher	4

Ref. No.	Part No.	Description	No. Used
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	37-8570	Outer Pinion Bearing Kit	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	38-1200	Shim	A/R
44	18-9340	Bolt - Drive Gear	12
45	37-8610	Differential Bearing Kit	2

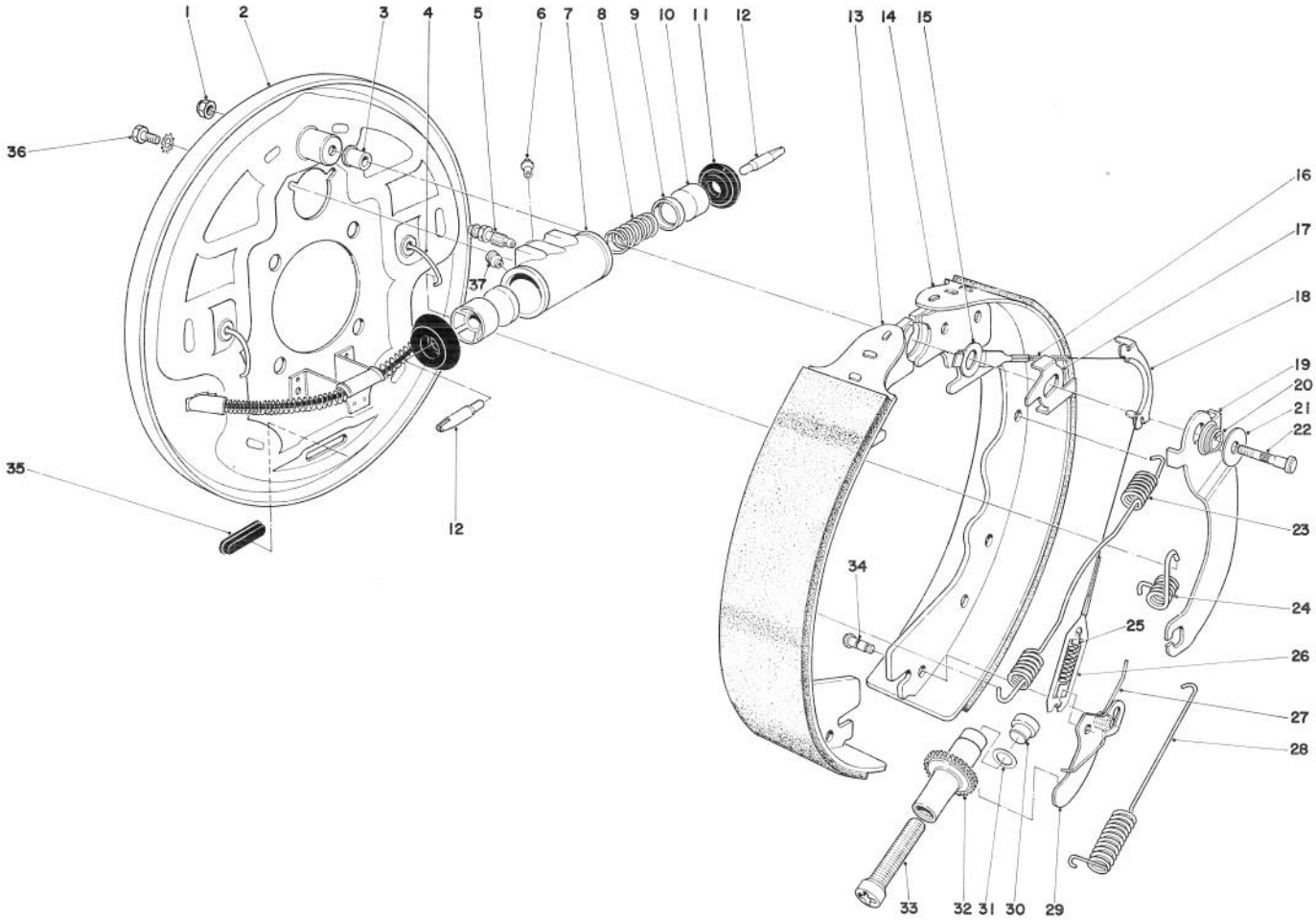


REAR AXLE AND DRIVE LINE (Continued)

Ref. No.	Part No.	Description	No. Used
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	18-9540	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

Ref. No.	Part No.	Description	No. Used
63	37-8500	Wheel Hub	2
64	242-68	Flange Stud	16
65	254-99	Bearing Cup	2
66	254-101	Bearing Cone	2
*	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

*Not Illustrated

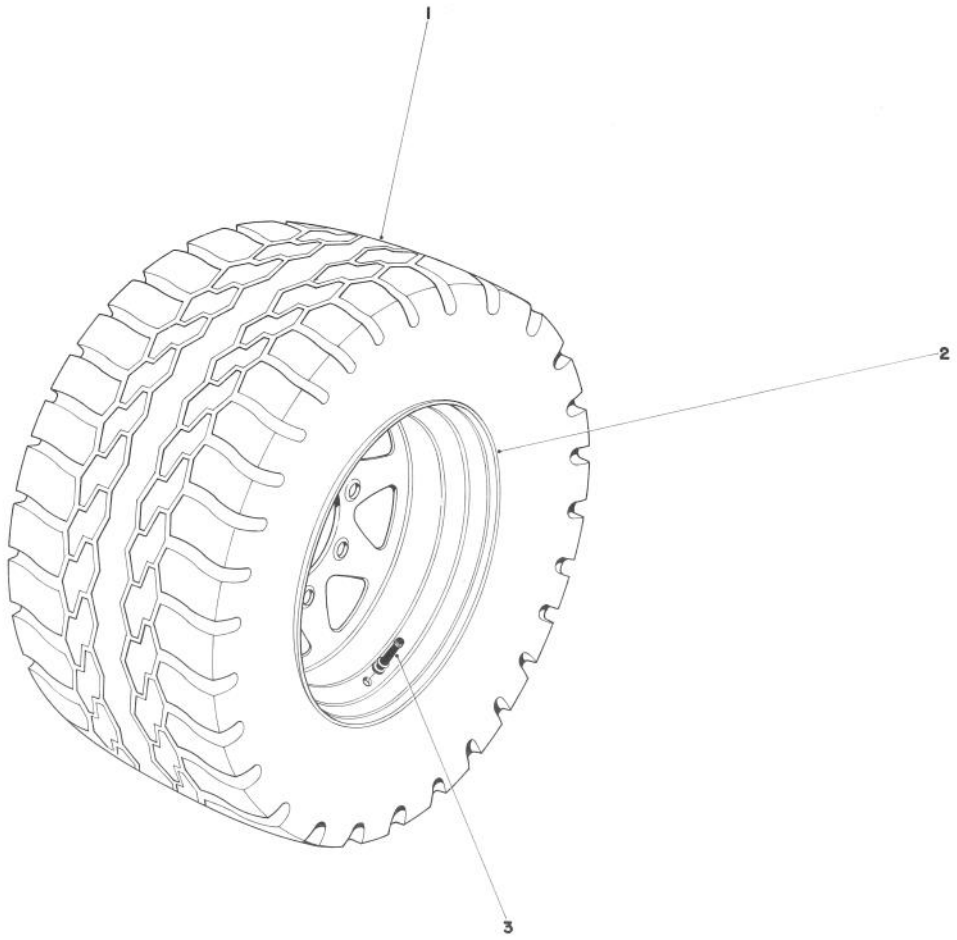


REAR BRAKE ASSEMBLY (37-1010 R.H. & 37-1020 L.H.)

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 Pic L.H.	1
*	37-4030	Shoe & Lining Pic R.H.	1
14	37-3560	Shoe & Lining Sec. L.H.	1
*	37-3570	Shoe & Lining Sec. 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

Ref. No.	Part No.	Description	No. Used
21	37-3600	Washer Parking Lever Retainer	2
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

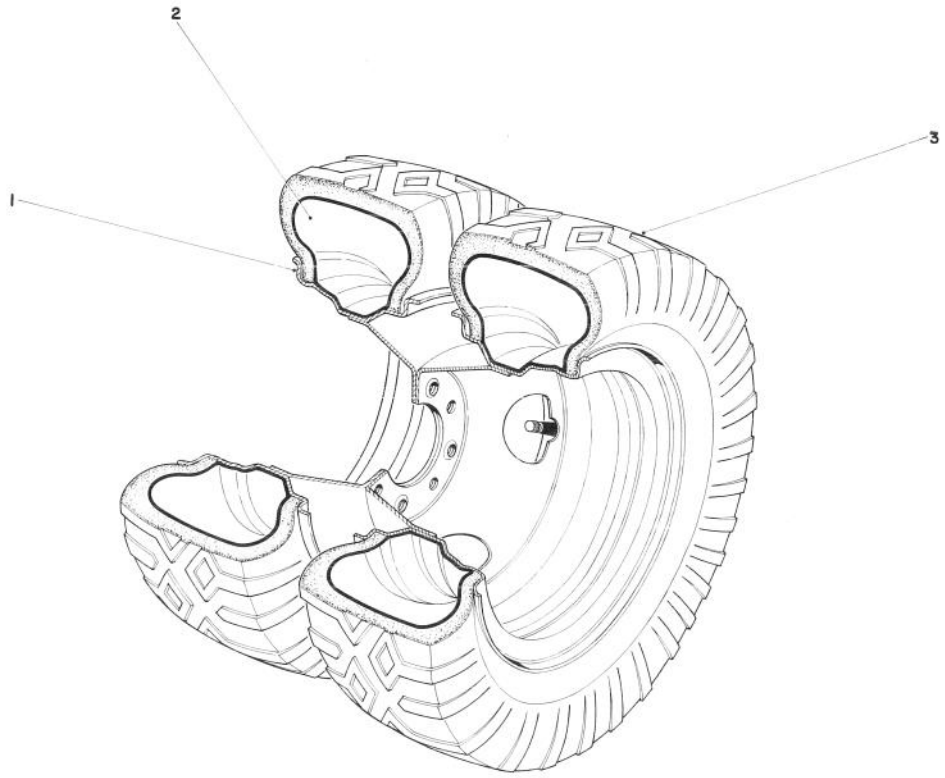
*Not Illustrated



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

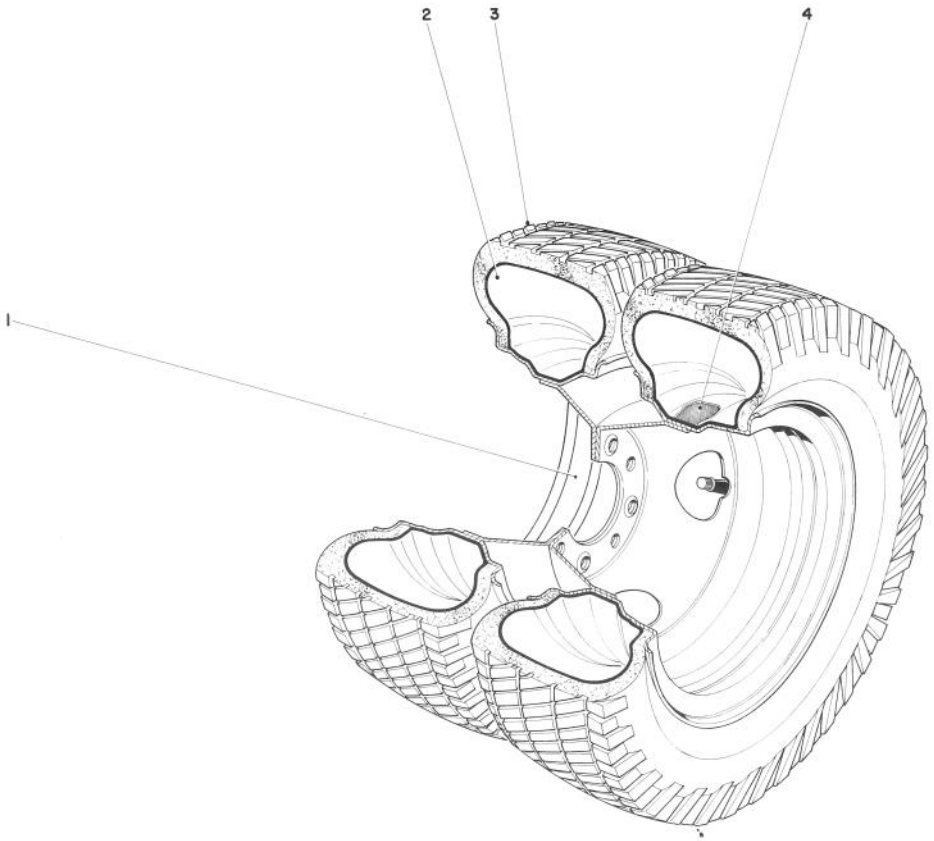
Ref. No.	Part No.	Description	No. Used
3	232-35	Valve Stem W/Cap	2



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

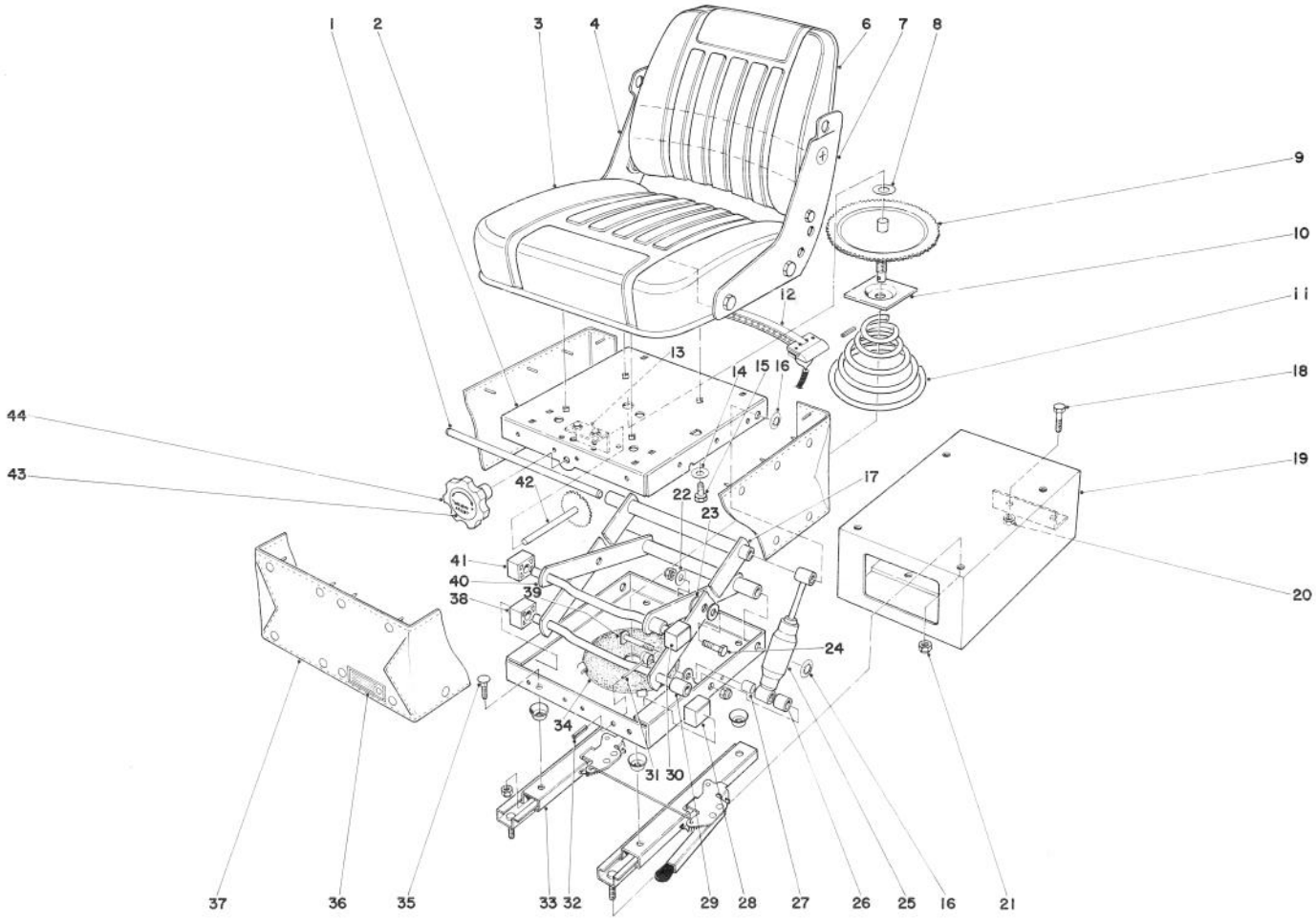
Ref. No.	Part No.	Description	No. Used
3	231-5	Tire	4



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

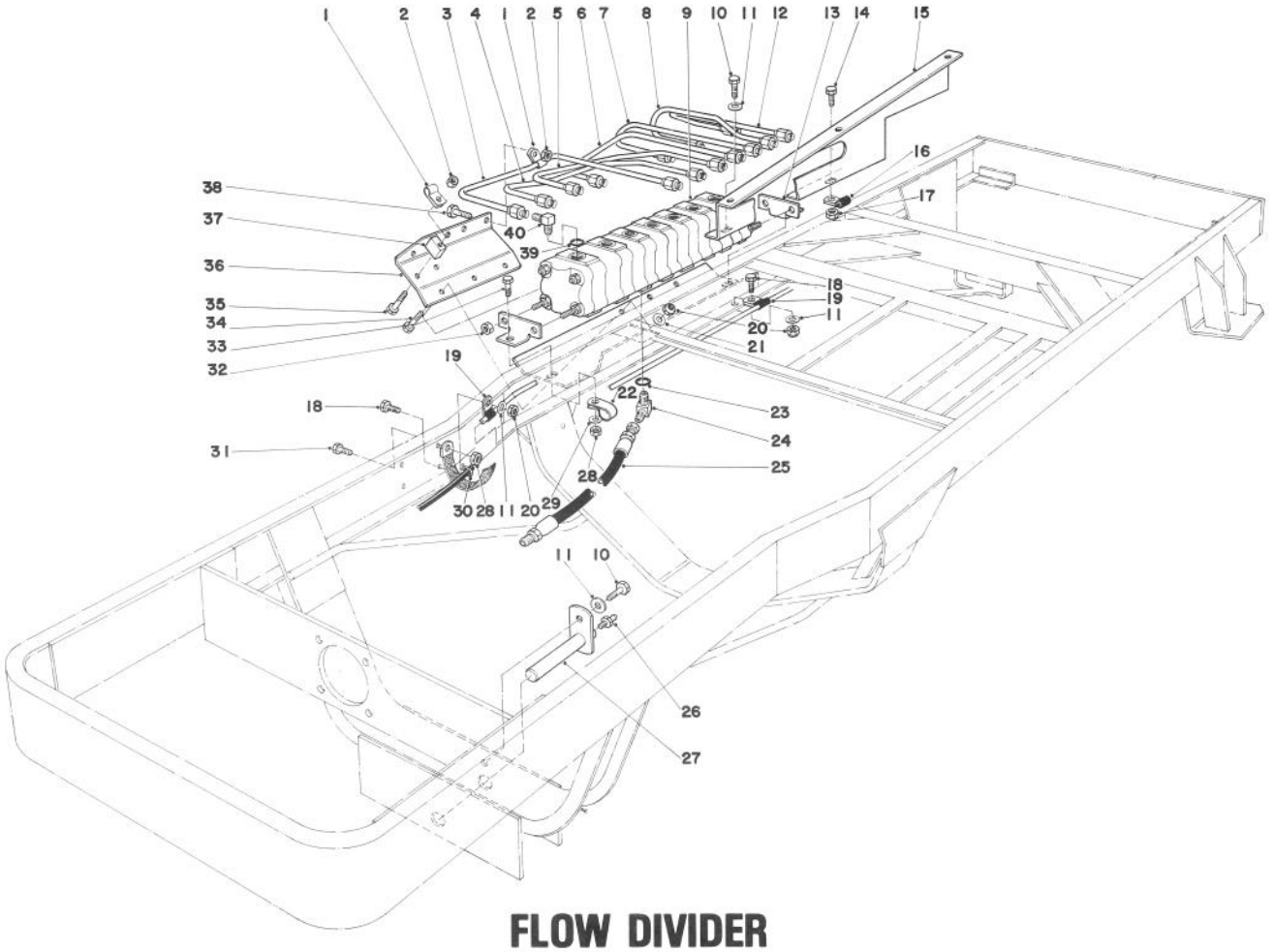


SEAT ASSEMBLY

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

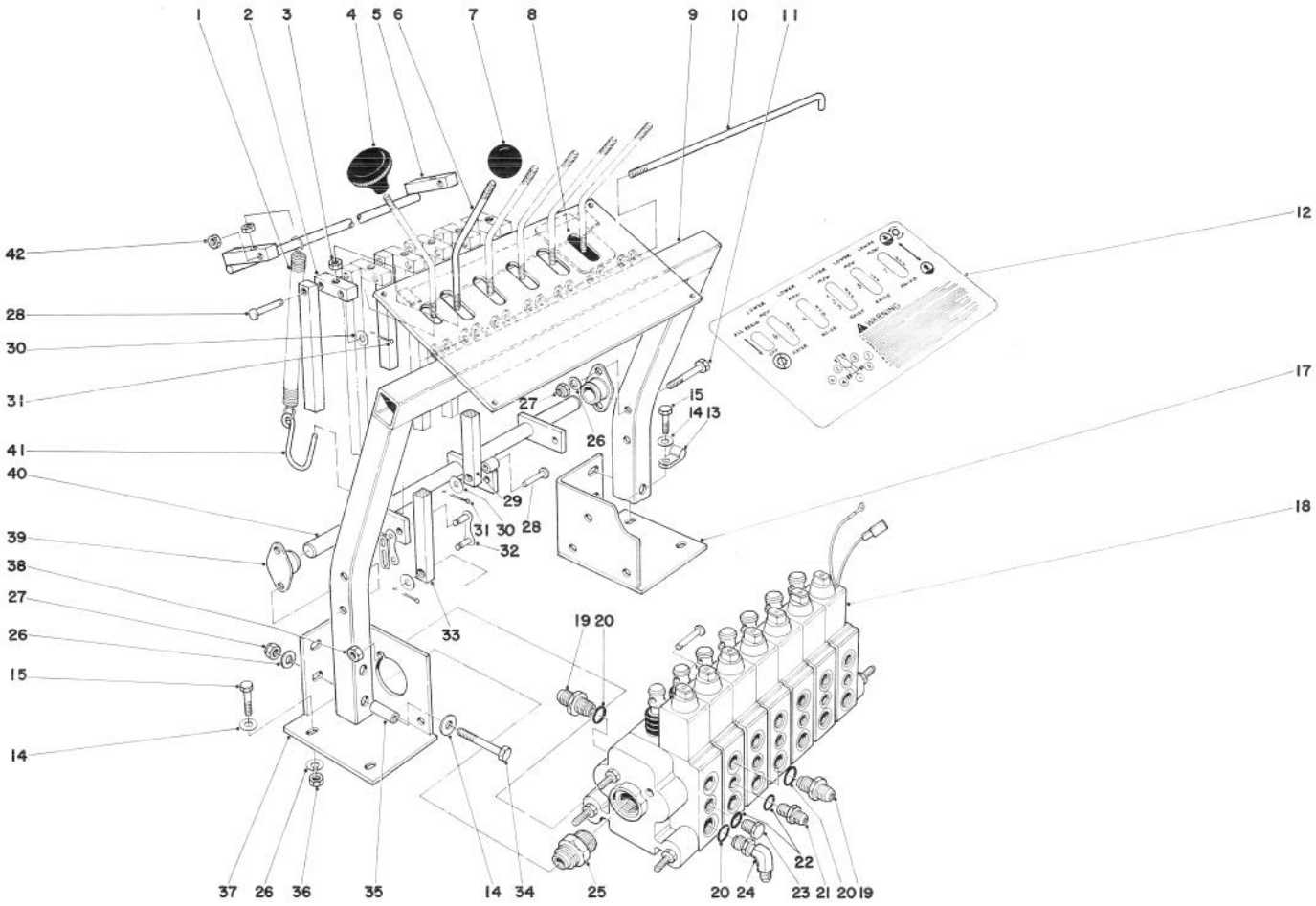
*Not Illustrated



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	323-6	Capscrew	2
19	18-2970	Fuel Line Clip	2
20	3296-39	Locknut	5

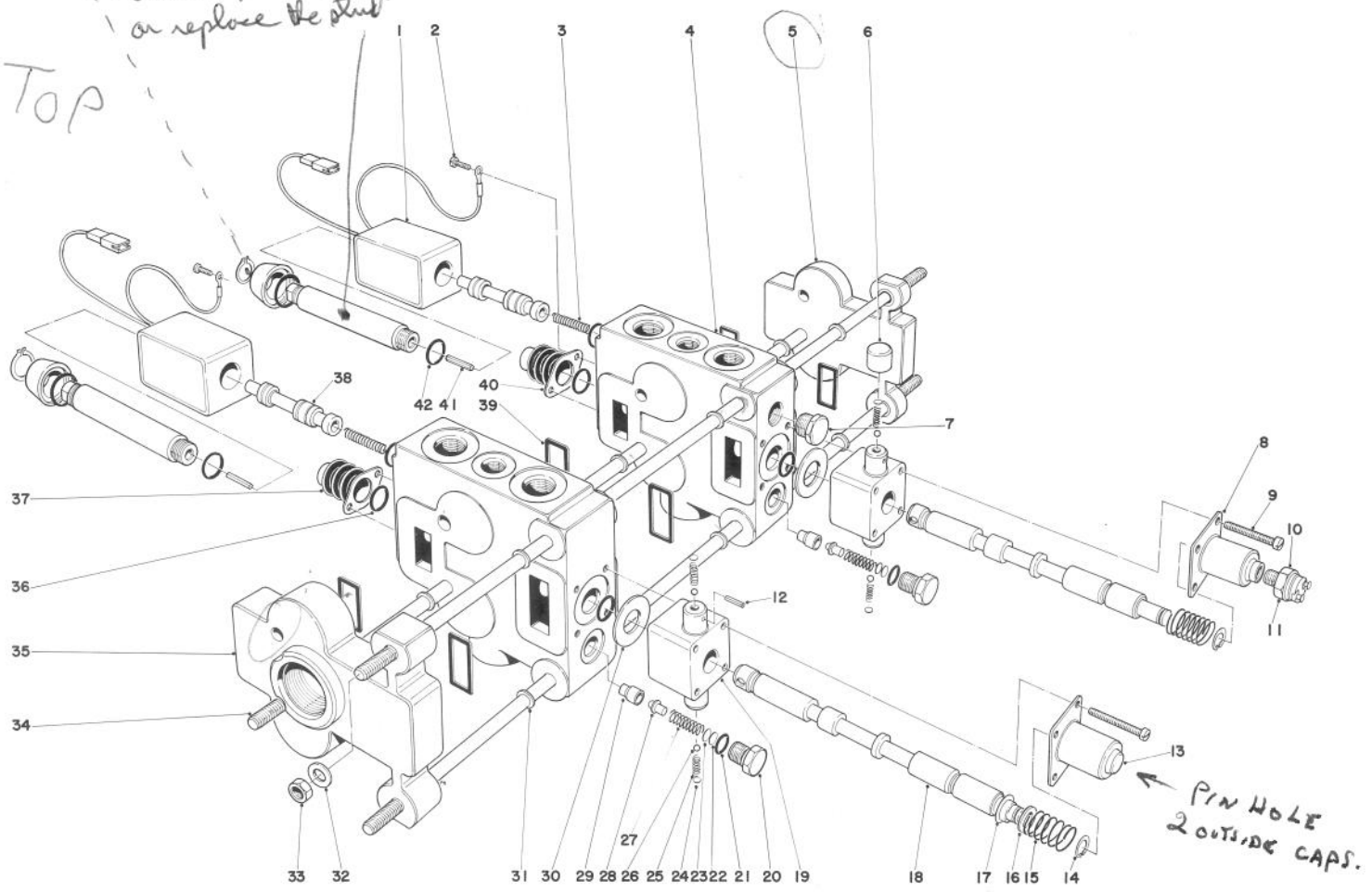
Ref. No.	Part No.	Description	No. Used
21	3256-3	Washer	3
22	304-61	Support Clamp	1
23	237-123	"O" Ring	1
24	353-703	90° Fitting	1
25	38-5820	Hose Main Pressure	1
26	302-2	Grease Fitting	1
27	3-3760	Pivot Pin	1
28	32146-13	Locknut	3
29	3256-26	Washer	2
30	2412-6	Hose Clamp	1
31	325-4	Capscrew	1
32	3296-24	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



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

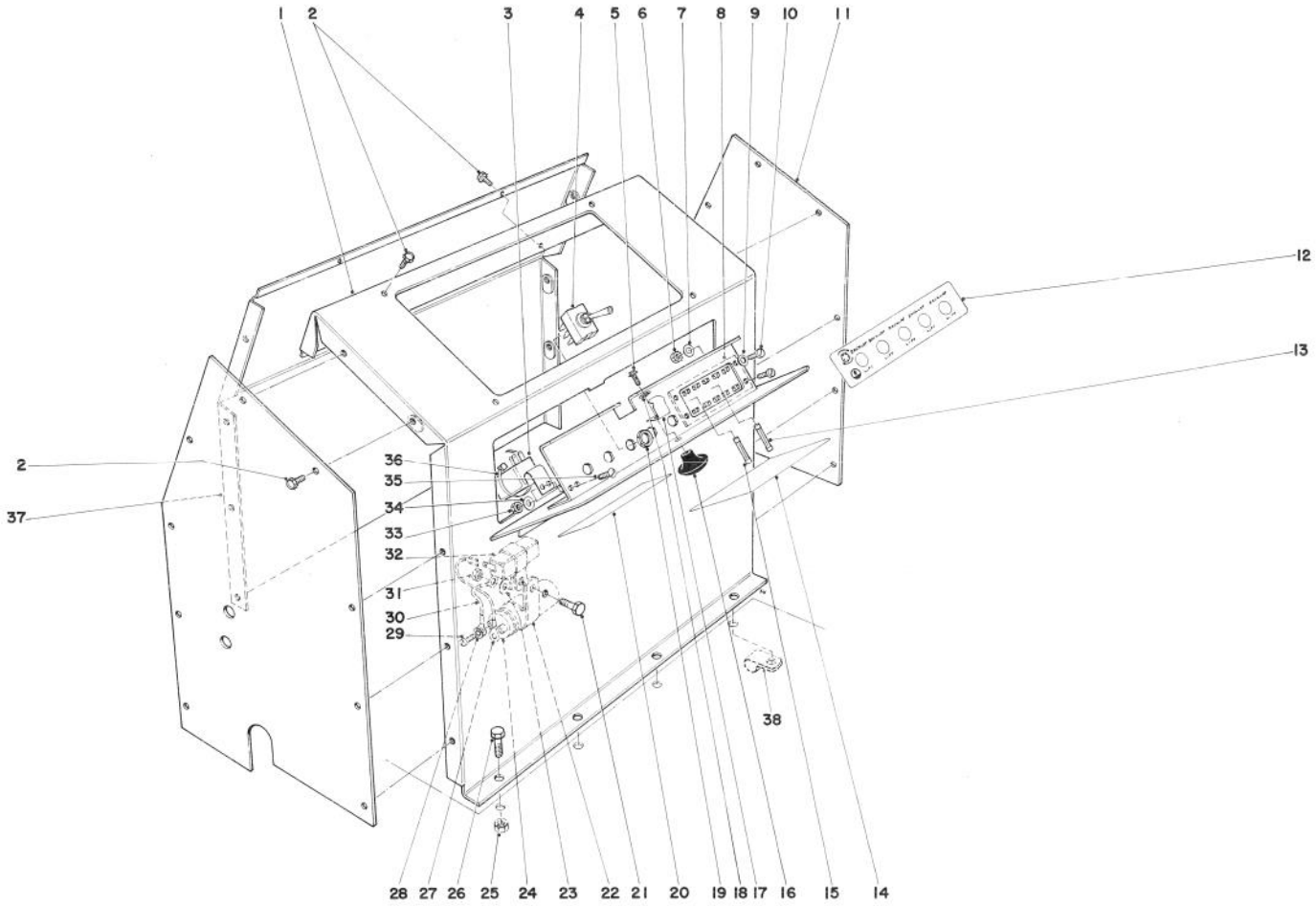


VALVE ASSEMBLY NO. 36-9810

Ref. No.	Part No.	Description	No. Used
1	38-0090	Solenoid Assembly	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	38-0170	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

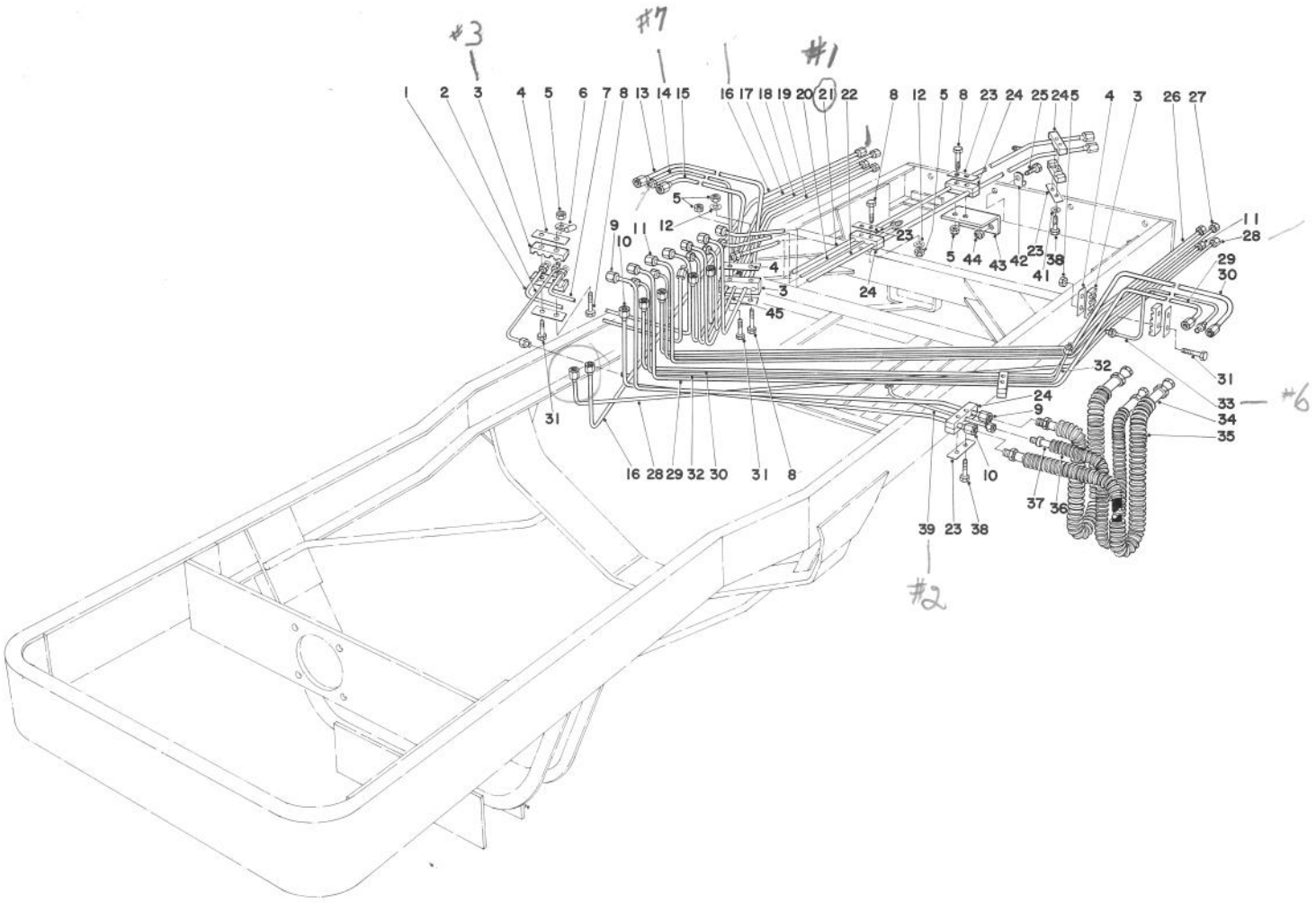


CONTROL TOWER ASSEMBLY

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	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	1
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

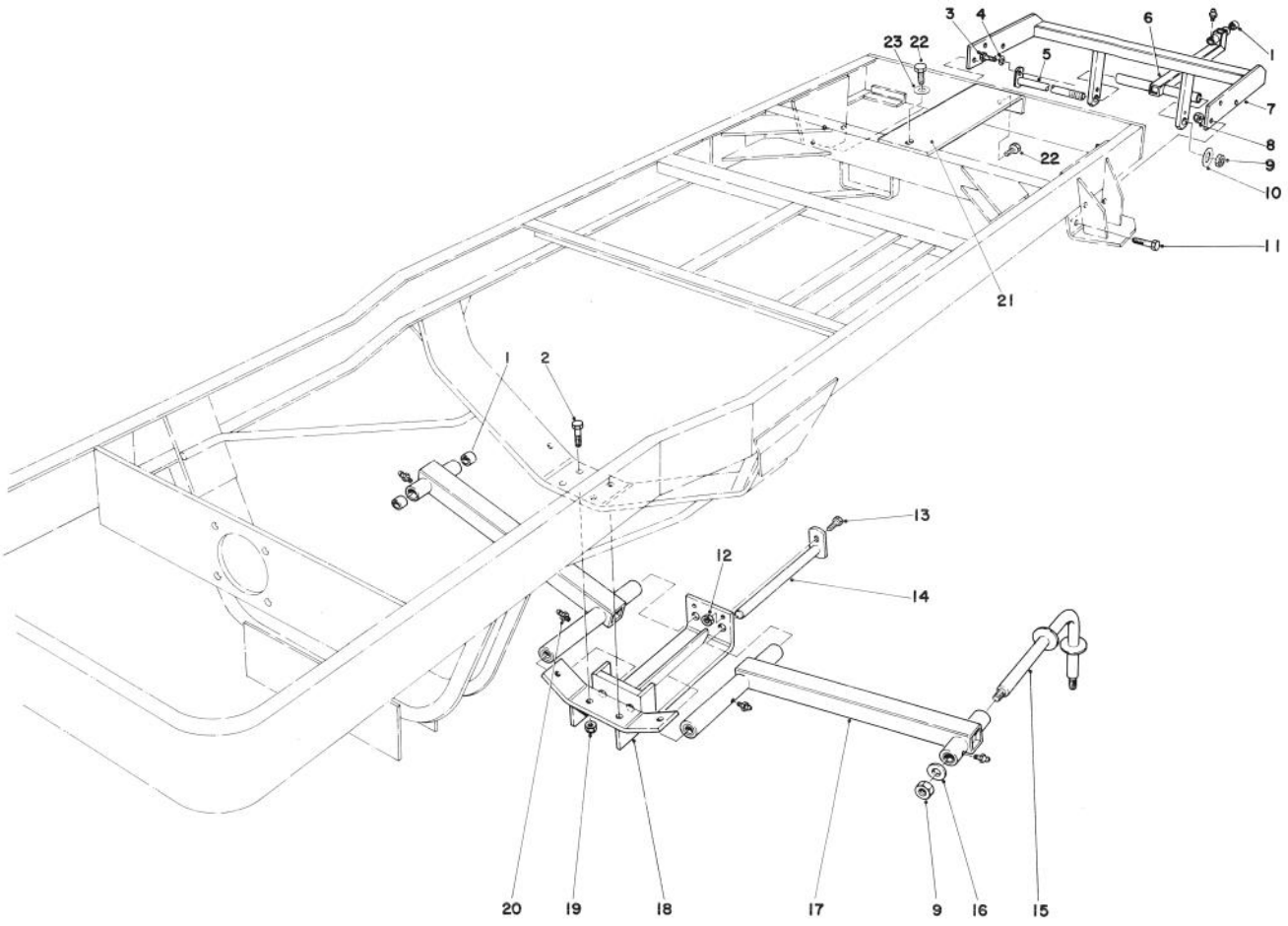
†Obtain locally.



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

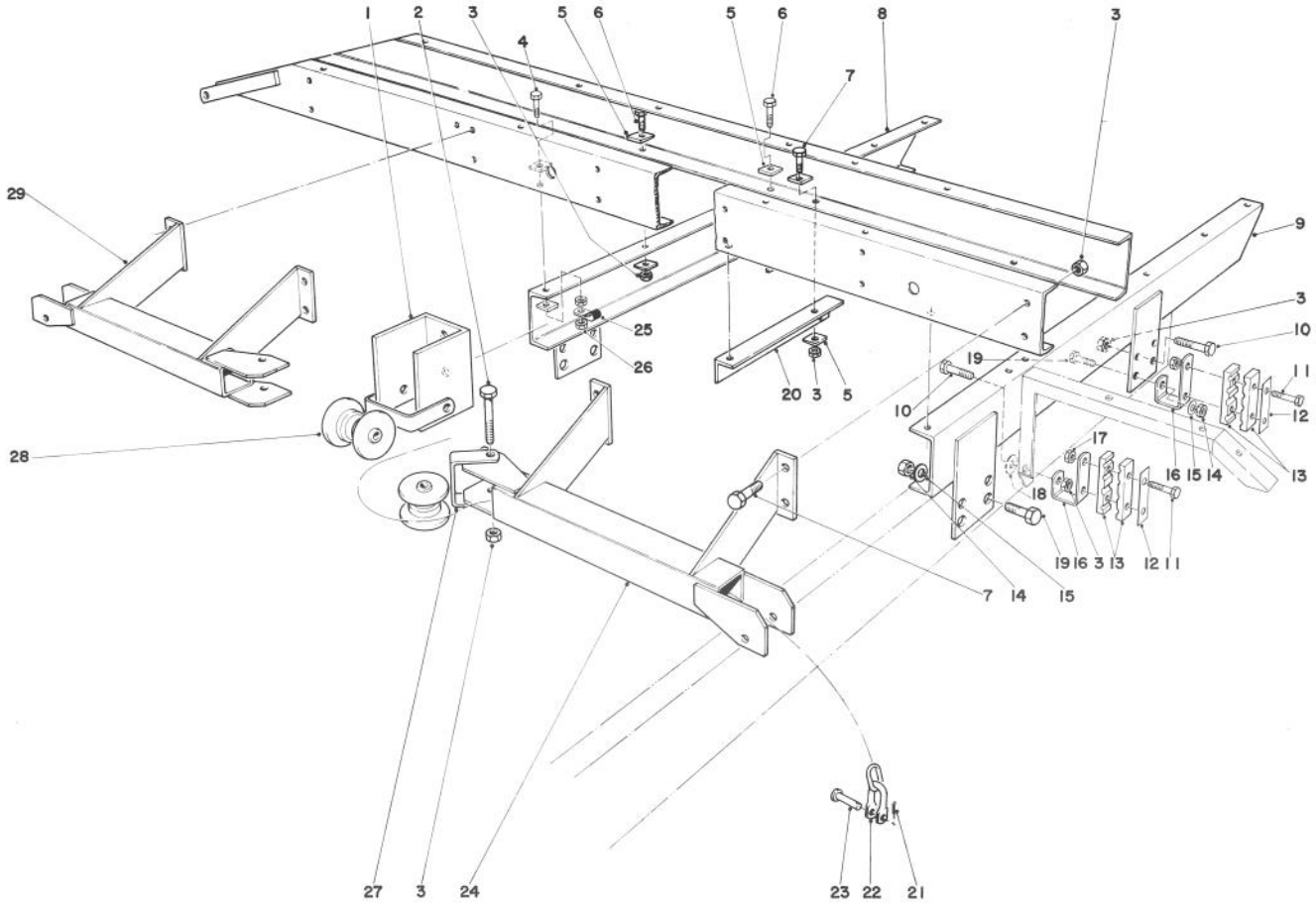
Ref. No.	Part No.	Description	No. Used
23	37-2380	Plate - Rubber Clamp	5
24	37-2390	Clamp - Hydraulic Tube	8
25	323-5	Capscrew	1
26	37-2010	#4 Cutting Unit Pressure Line	1
27	37-1930	#4 Cylinder Return Line	1
28	37-1920	Drain Line Manifold L. H.	1
29	37-1970	#6 Cutting Unit Return Line	1
30	37-1900	#6 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

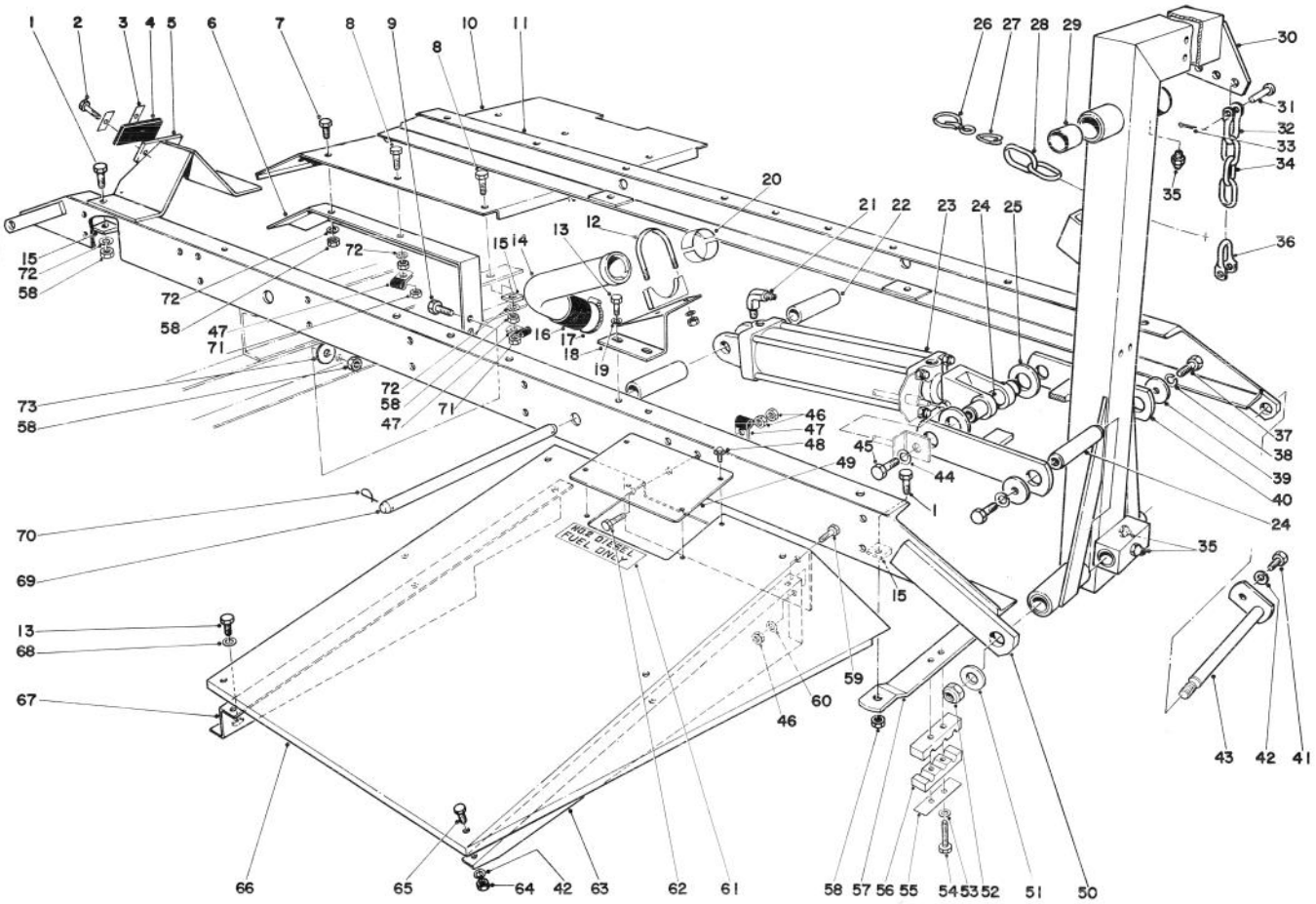
Ref. No.	Part No.	Description	No. Used
13	322-6	Capscrew	2
14	26-8250	Lift Arm Pin	2
15	26-8310	Lift Bail Pin	3
16	3-8448	Washer	3
17	26-8340	Lift Arm	2
18	26-8160	Lift Arm Support	1
19	3296-24	Locknut	4
20	302-5	Grease Fitting	6
21	18-2620	Plate Cylinder Rest	1
22	32104-6	Self Tapping Screw	2
23	3256-24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

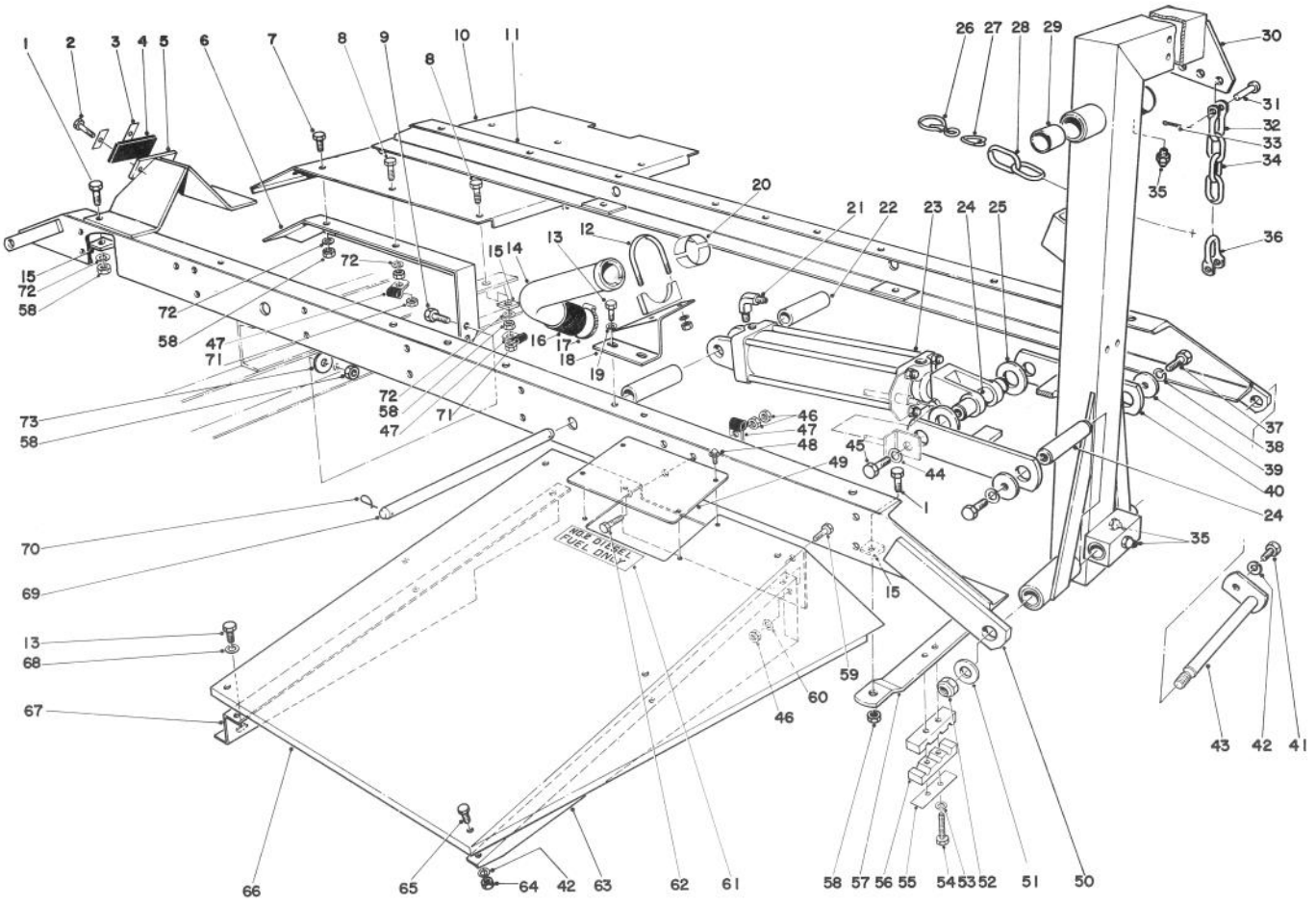


MAIN FRAME ASSEMBLY-FRONT

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

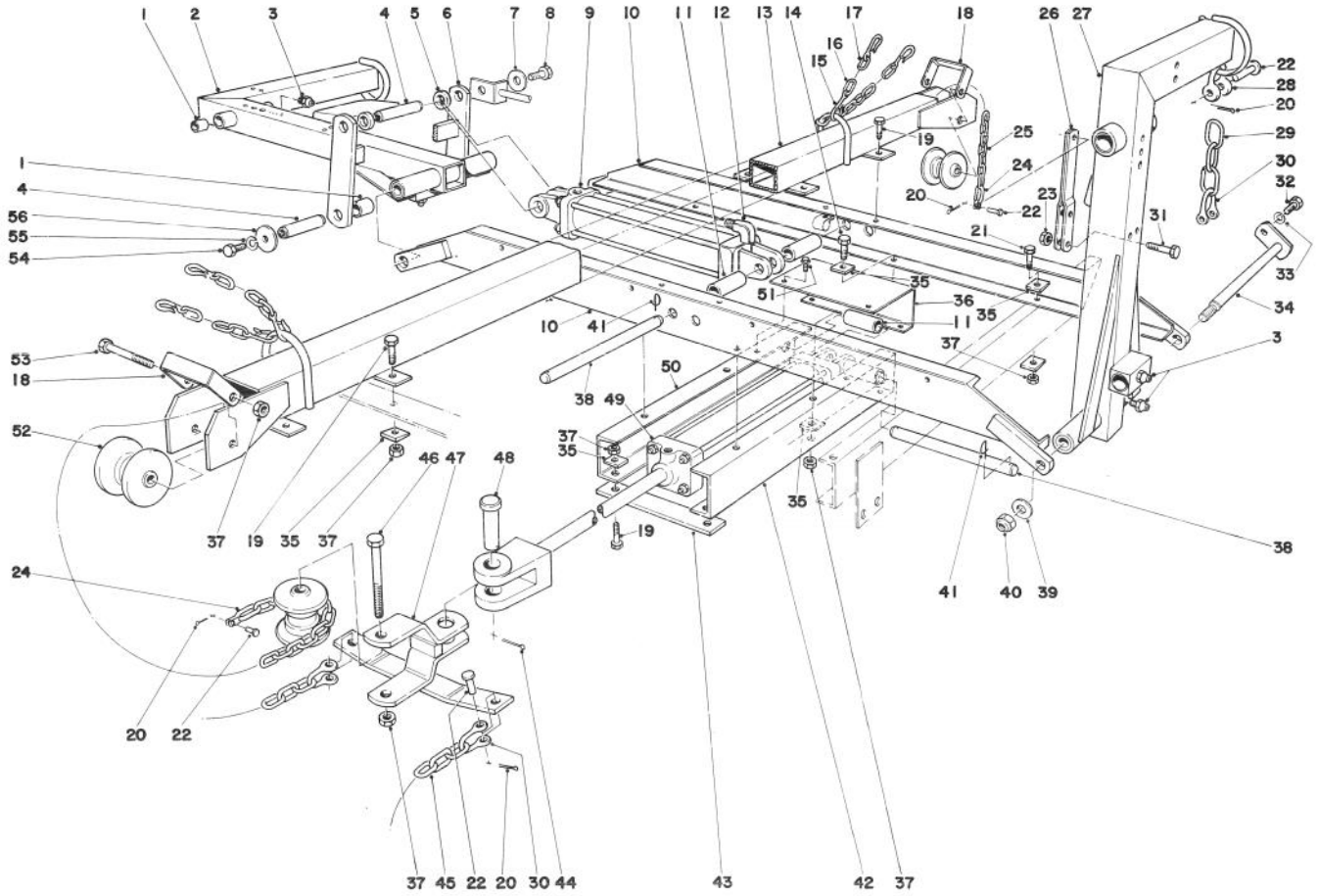


MAIN FRAME ASSEMBLY-FRONT (Continued)

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

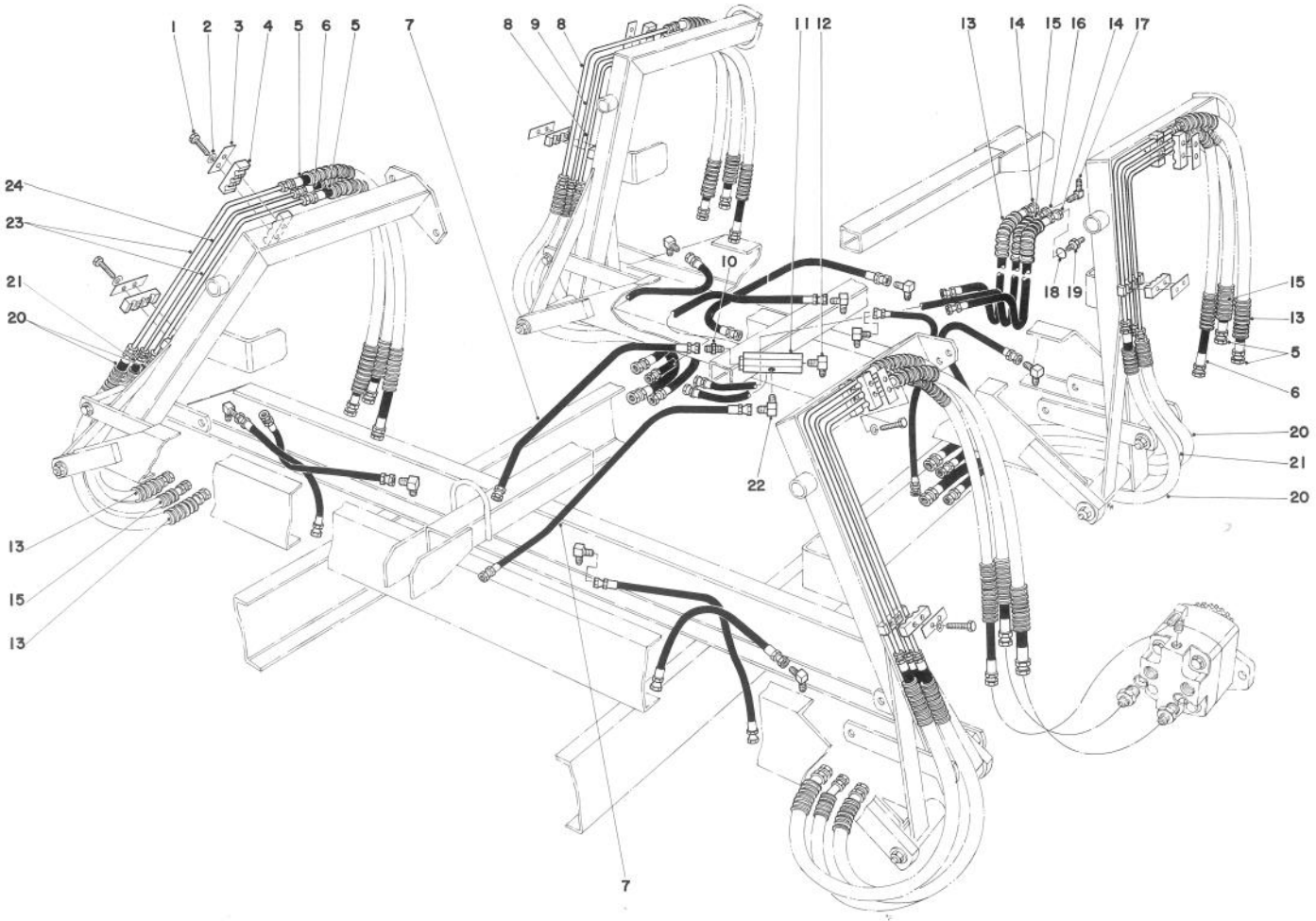
*Not Illustrated



MAIN FRAME ASSEMBLY-REAR

Ref. No.	Part No.	Description	No. Used
1	3-0348	Bushing	16
2	37-2880	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	37-2890	Arm Short #4 (Incl. Ref. #1)	1
28	282-13	Chain Shackle	2

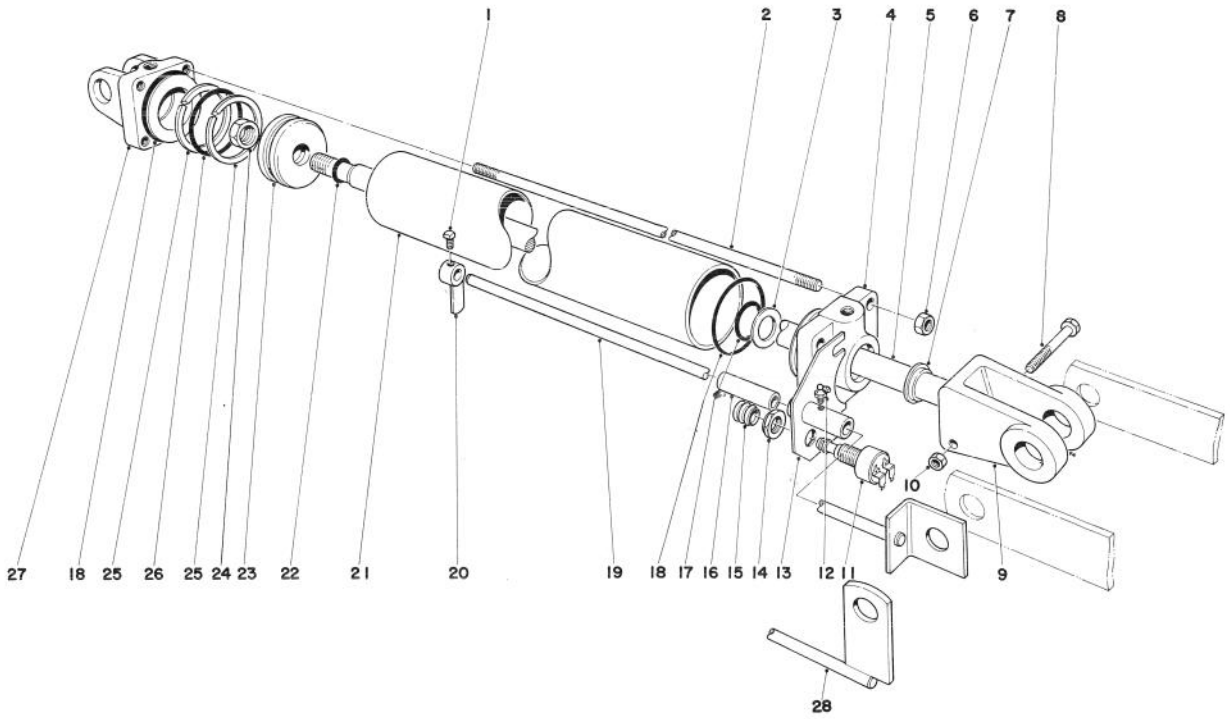
Ref. No.	Part No.	Description	No. Used
29	3-4636	Chain	2
30	8-0280	Shackle	4
31	323-8	Capscrew	1
32	322-3	Capscrew	2
33	3253-4	Lockwasher	2
34	37-2760	Pin - Bail Lift	2
35	3290-216	Bevel Washer	18
36	26-8600	Cover - Cylinder Mounts	1
37	32146-13	Locknut	12
38	3-0144	Shaft	3
39	28-2480	Washer	2
40	3296-50	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	353-430	Elbow 90°	1
23	37-1760	Line Assembly #6 & #7 Cutting Unit	4
24	37-1750	Line Assembly #6 & #7 Cutting Unit	2



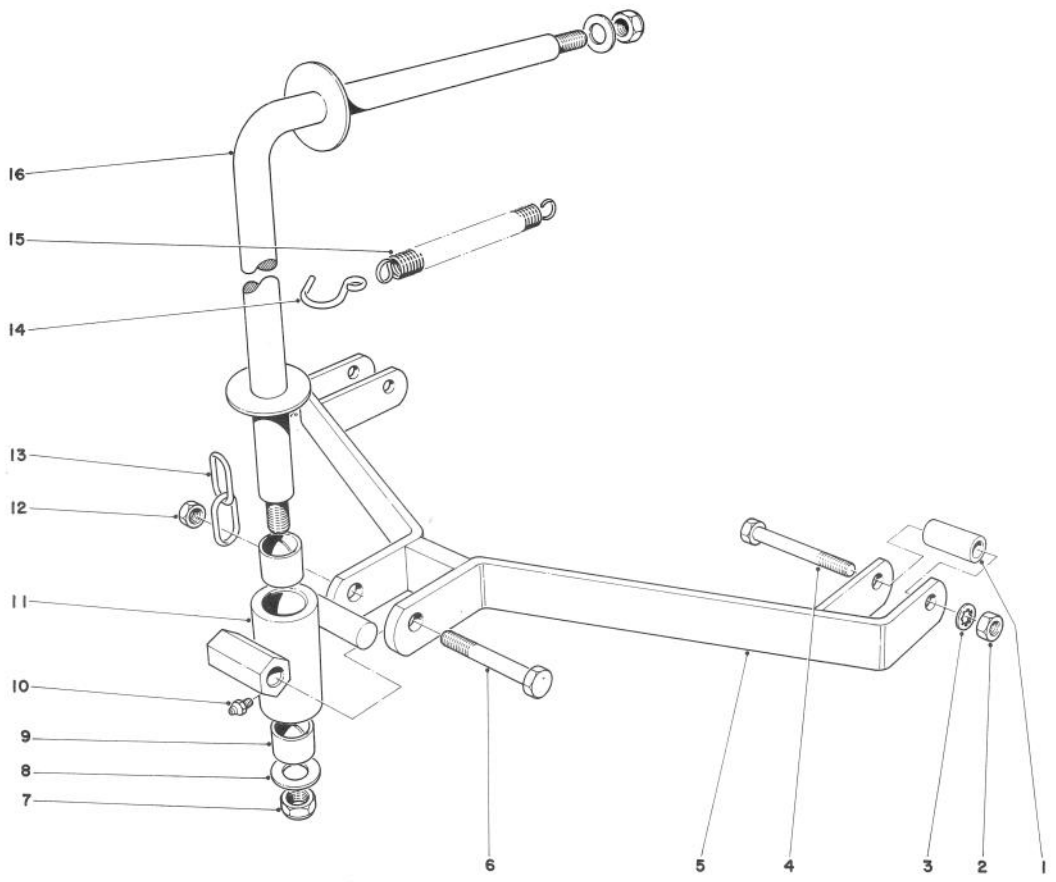
10" AND 12" CYLINDERS

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	302-40	Grease Fitting	1
13	37-2080	Bracket Switch Mounting (Incl. Ref. #12 & 16)	1
14	218-461	Hex Nut	1

Ref. No.	Part No.	Description	No. Used
15	28-2100	Rubber Boot	1
16	256-198	Bushing	2
17	22-8640	"O" Ring Seal	1
18	22-8550	"O" Ring Seal	2
19	37-2110	Shaft Extension	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
*	22-8720	Seal Kit	1

*Not Illustrated.

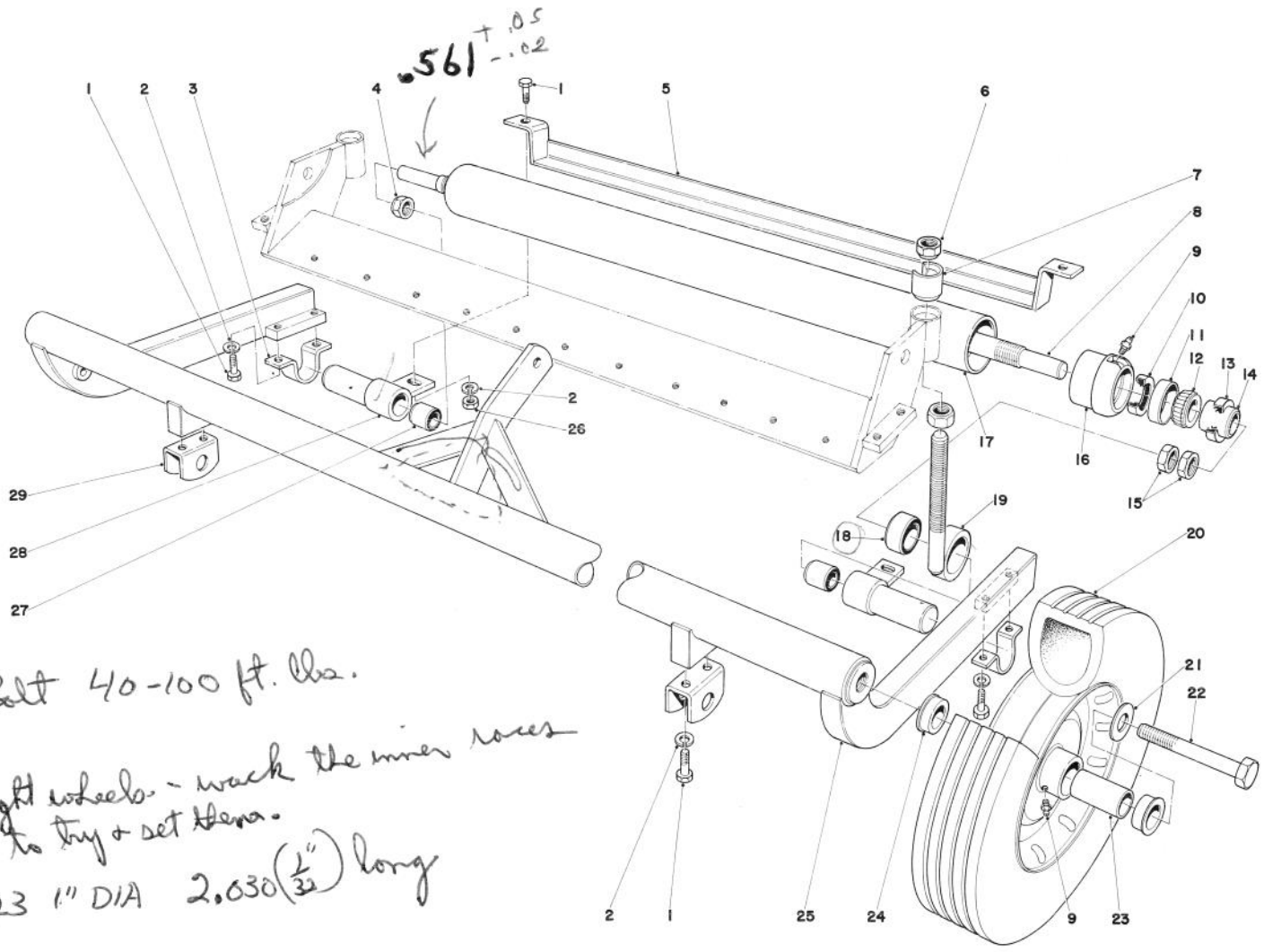
Note: Quantities indicated are for one cylinder.



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	6-1030	Bushing Housing (Incl. Ref. #9 & 10)	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

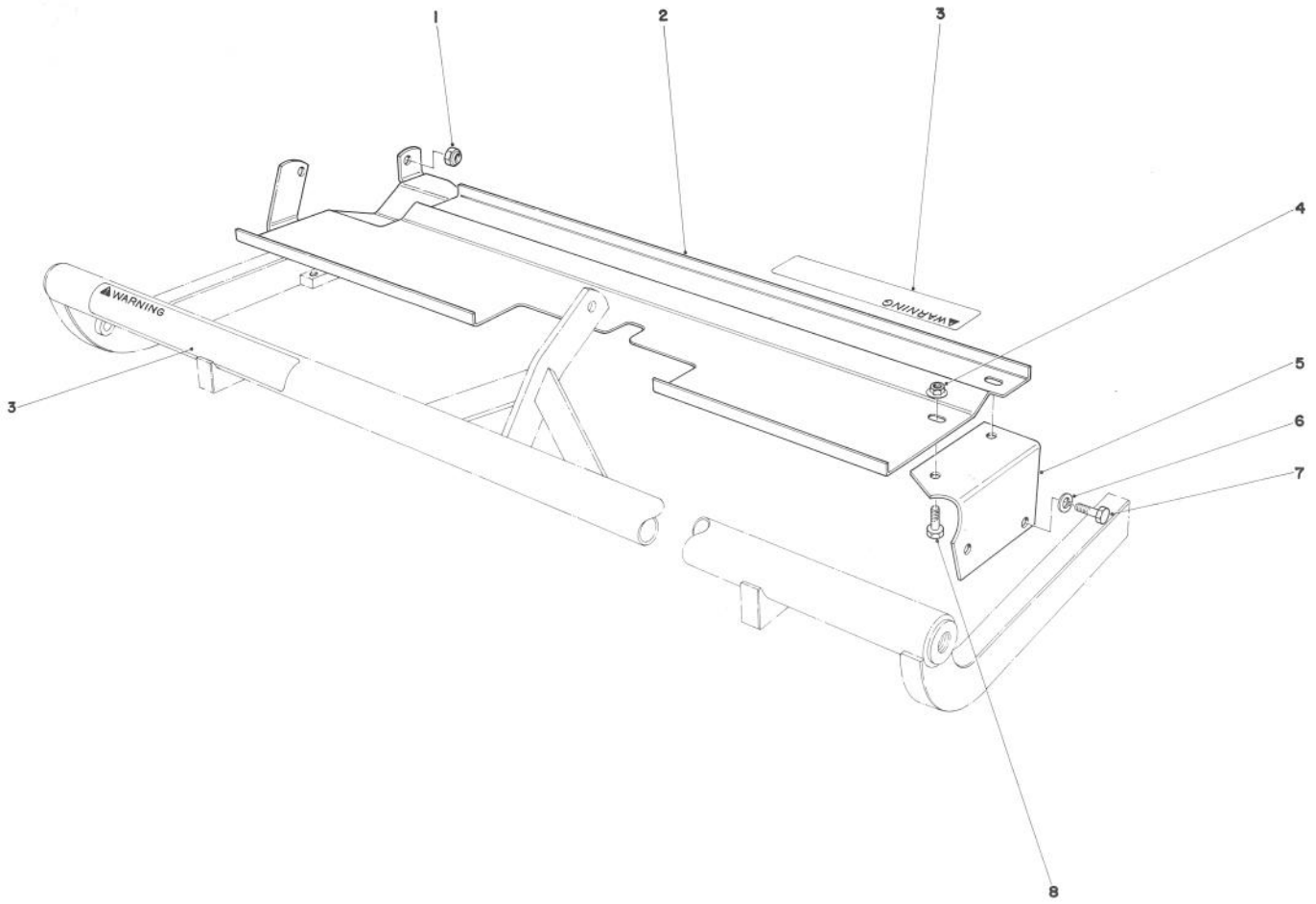


CARRIER FRAME AND ROLLER ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
16	4-5659	End Cap (Incl. Ref. #9)	2
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

Note: Quantities indicated are for one cutting unit.

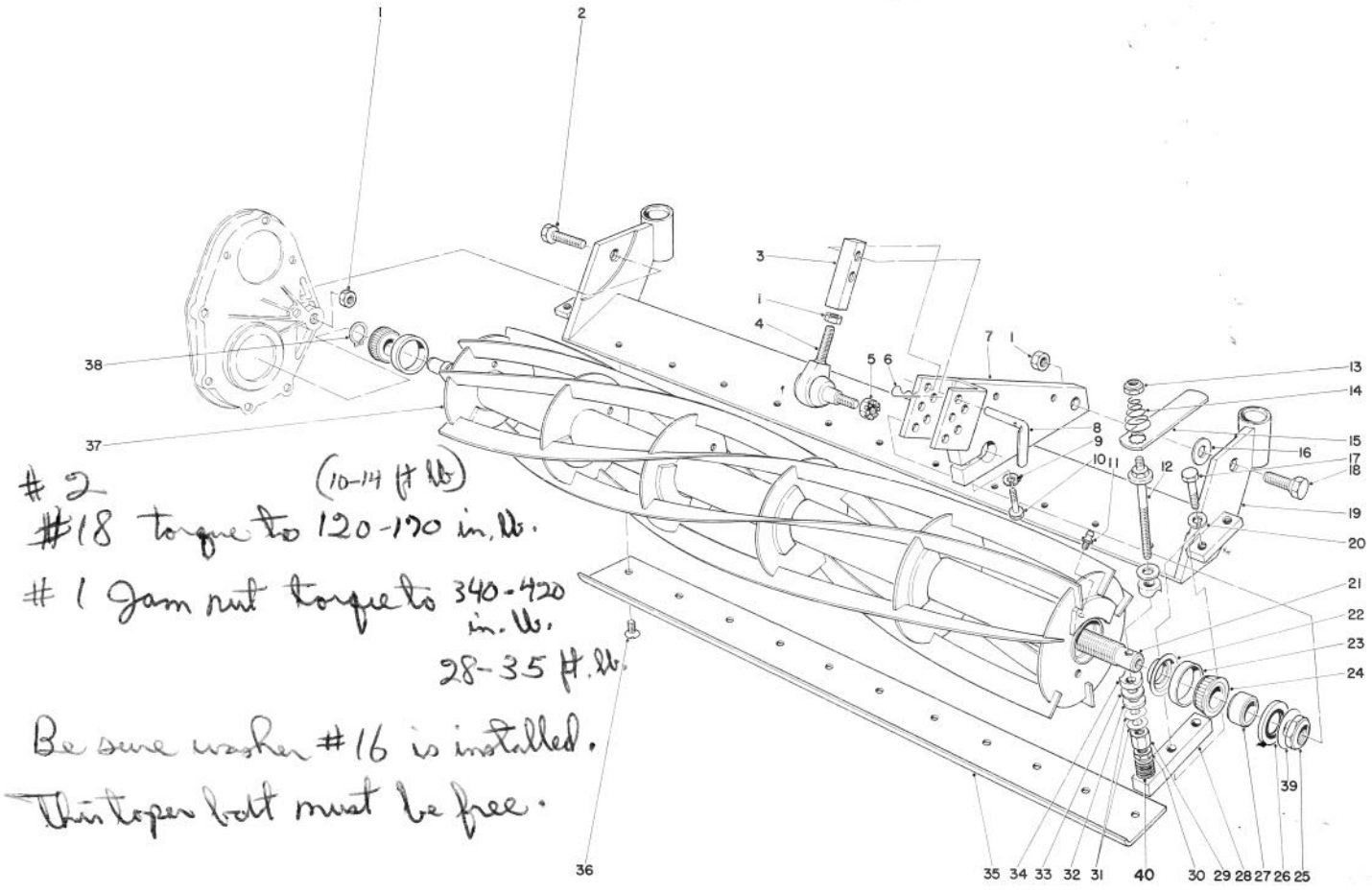


GRASS SHIELD ASSEMBLY

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.



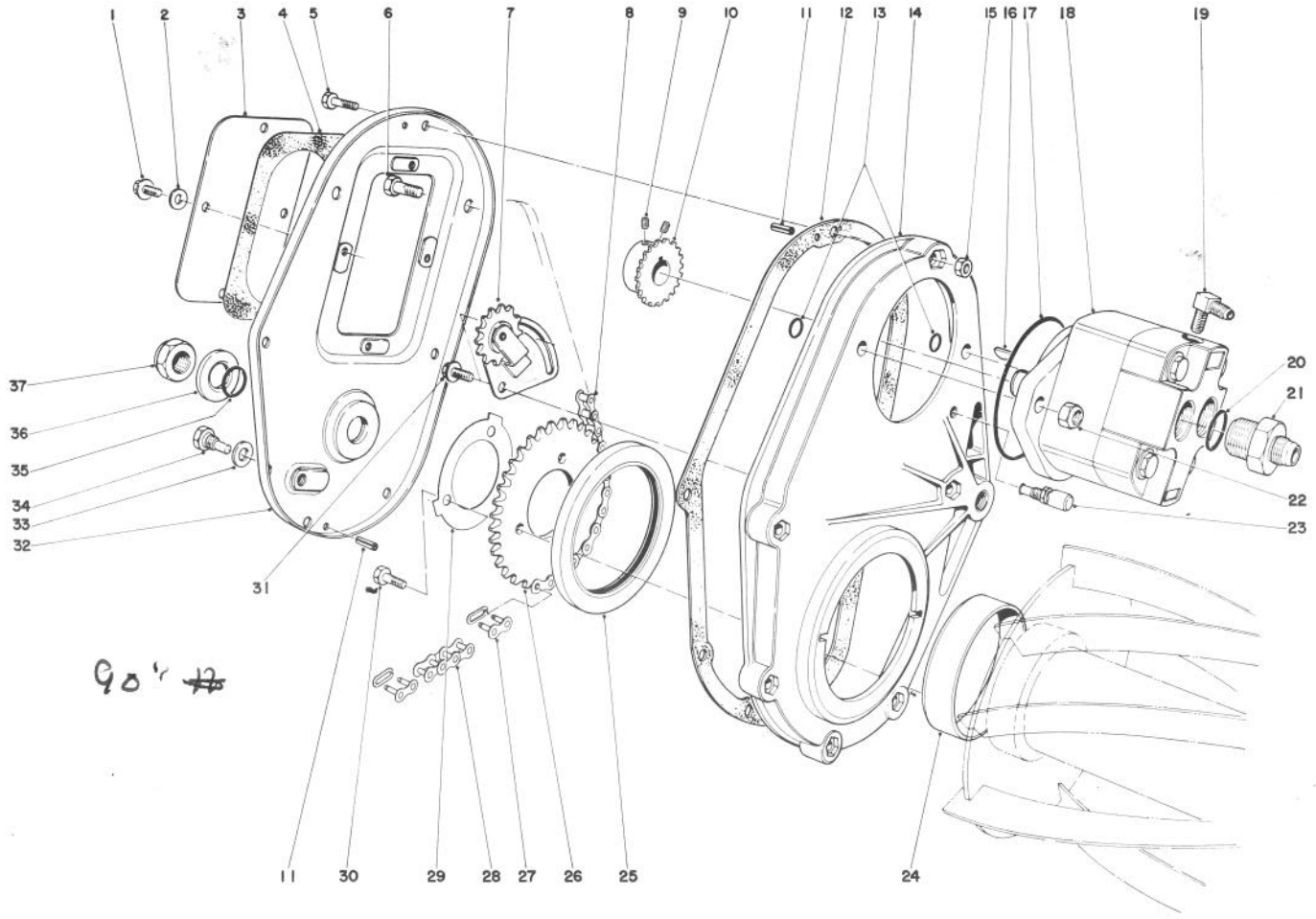
REEL AND BED BAR ASSEMBLY

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	36-4080	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 Backlaping 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.

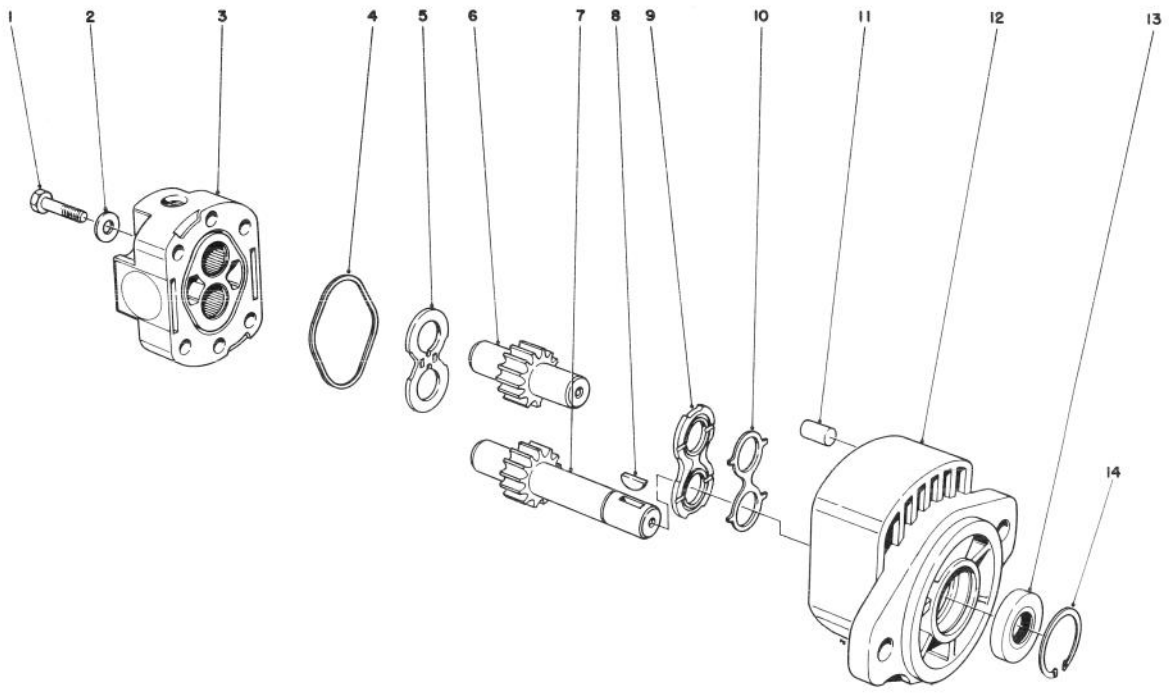


CHAIN CASE AND GEAR MOTOR ASSEMBLY

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 (53 Pitches w/o Connecting Link)	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	29-3450	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

Ref. No.	Part No.	Description	No. Used
20	237-81	"O" Ring	2
21	353-620	Straight Connector	2
22	3217-7	Nut	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 w/o Connecting Link)	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

Note: Quantities indicated are for one chain case assembly.

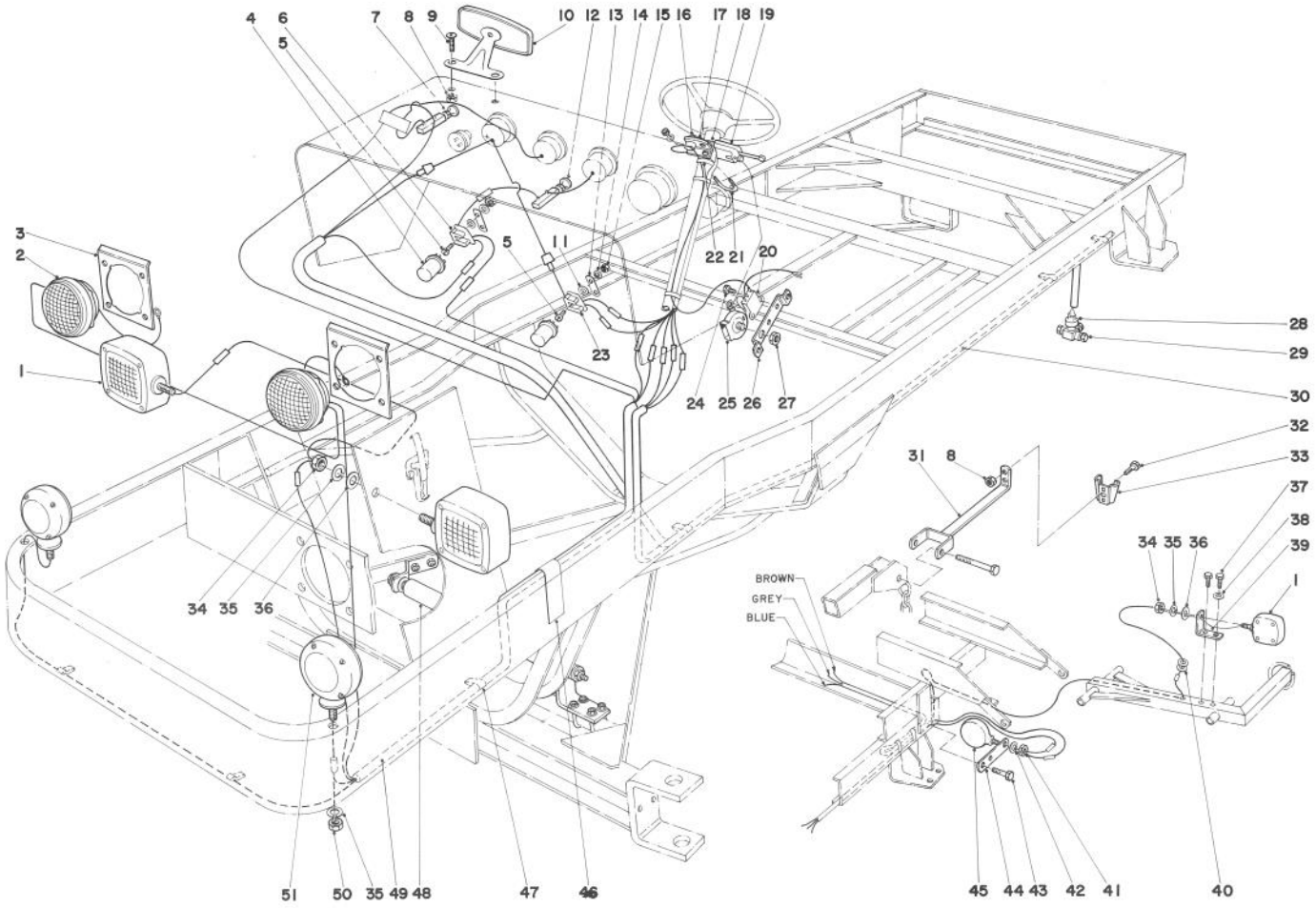


GEAR MOTOR NO. 36-9820

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

Ref. No.	Part No.	Description	No. Used
8	3257-3	Woodruff Key	1
9	33-1160	Wear Plate	1
†10		Pressure Loading Seal	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
*	33-5100	Seal Repair Kit (Incl. Ref. #4, 8, 10, 13)	1

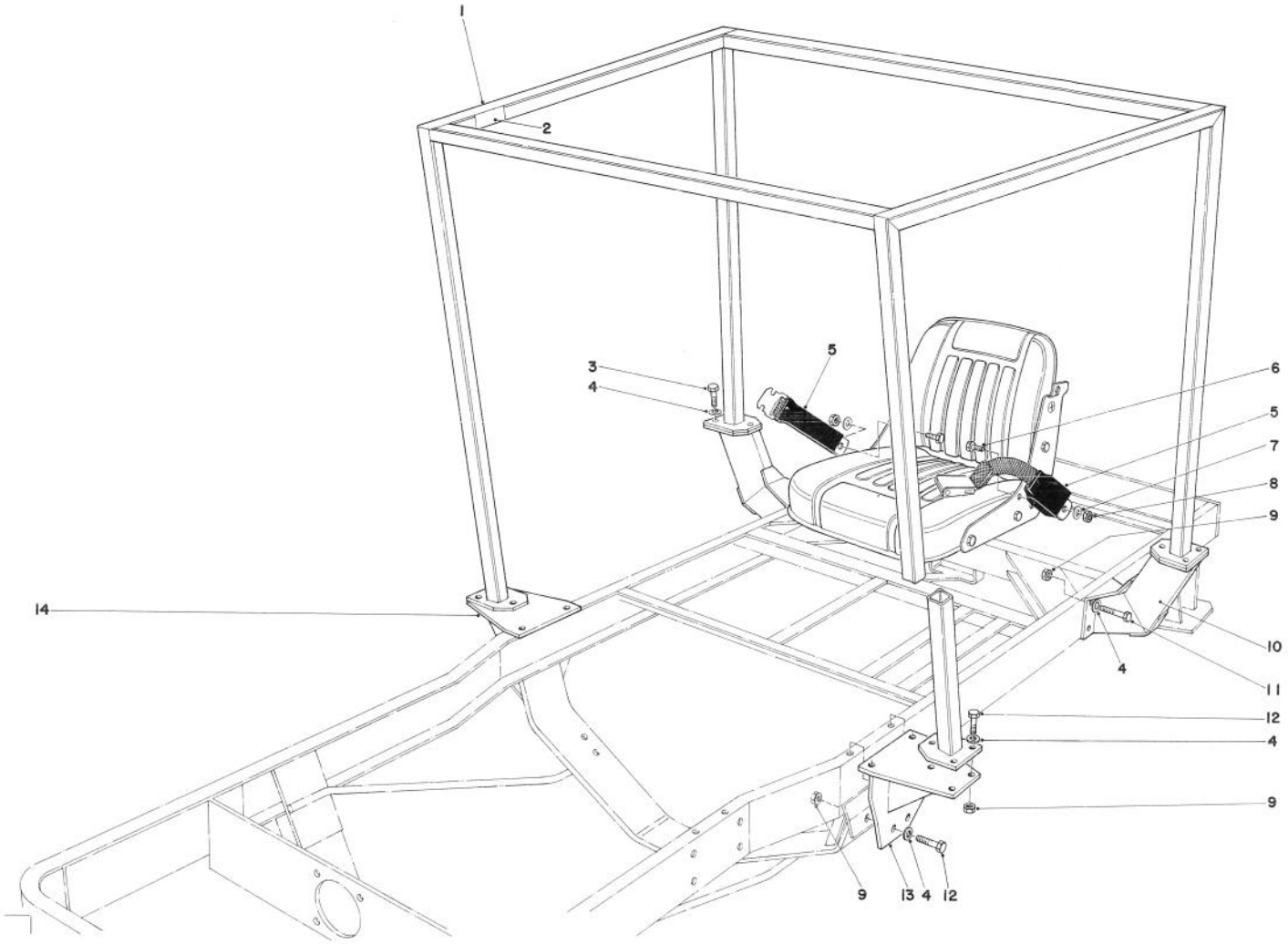
*Not Illustrated
†Items only available in Seal Repair Kit No. 33-5100
Note: Quantities indicated are for one Gear Motor Assembly.



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	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	325-6	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	10
13	21-4390	Front Mount L.H.	1
14	21-4400	Front Mount R.H.	1

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change apparently has been made in your unit, which is not reflected in your manual, see your TORO Distributor for information and part numbers.

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 Tractor.

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.

The Toro Promise

A One Year Limited Warranty on Turf Products Other Than Walk Rotary Mowers

The Toro Company promises to repair any TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Turf Products	1 Year
Hevi-Duty Walk Rotary Mowers	90 Days

The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers.

Should you feel your TORO is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor will advise you on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Turf Products Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitation on how long implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

The Toro Company is not liable for indirect, incidental or consequential damages in connection with the use of the product including any cost or expense of providing substitute equipment or service during periods of malfunction or non-use.

Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Litho in U.S.A.

MAINTENANCE RECORD

Date	Engine Oil	Engine Oil Filter	Air Cleaner	Fuel Filters	Power Steering Oil Change	Hydraulic System Oil Change	Hydraulic System Filter Change	Rear Axle & Transmission Lube	Chassis Lubrication	Cutting Unit Lubrication