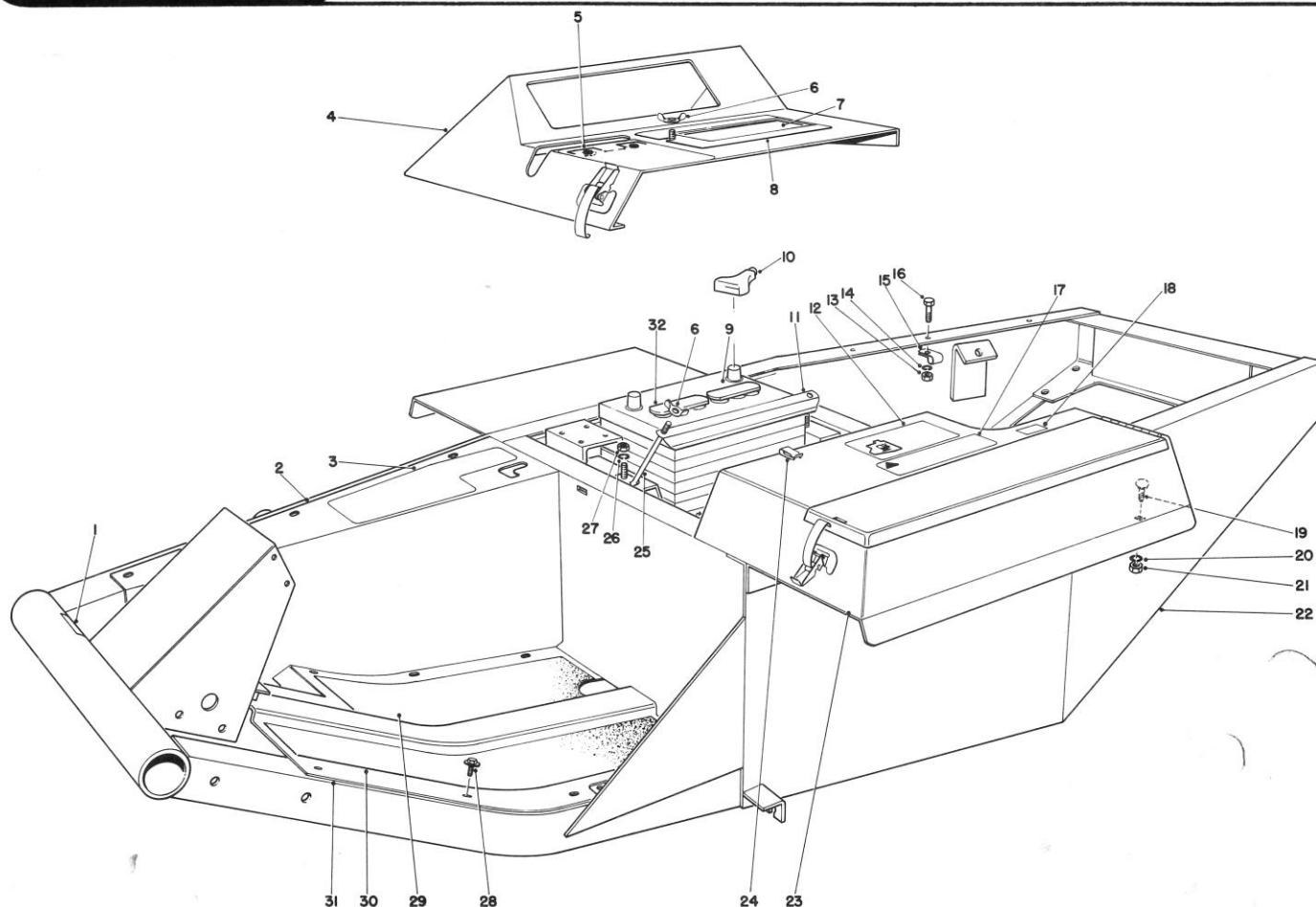


TORO®

MODEL NO. 30778 — 80001 & UP
 MODEL NO. 30721 — 80001 & UP

PARTS CATALOG

GROUNDMASTER 72®



MAIN FRAME

Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal Traction Pedal	1
2	21-2660	Footrest	1
3	27-7270	Decal Caution	1
4	24-5670	Instrument Cover	1
5	27-7290	Decal P.T.O.	1
6	32103-2	Wing Nut	3
7	27-7280	Decal Starting Instructions	1
8	24-9740	Cover Battery Access	1
9	13-6480	Battery (Incl. Ref. #32)	1
10	28-1280	Battery Boot	1
11	24-6420	Hold Down Battery	1
12	27-7310	Decal Refueling	1
13	3217-7	Nut	1
14	3253-21	Lockwasher	1
15	2412-4	Clamp	1
16	323-6	Capscrew	1

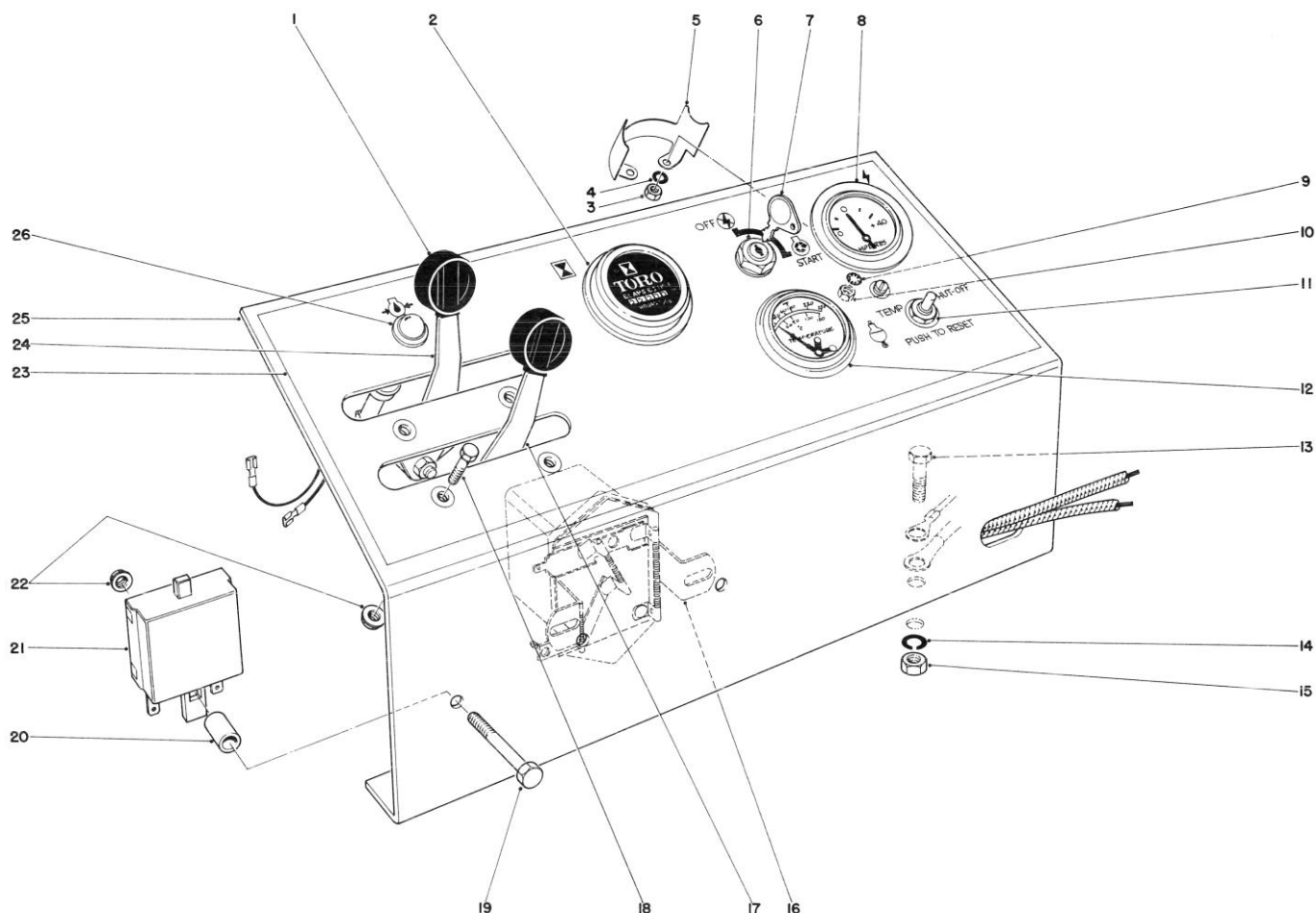
Ref. No.	Part No.	Description	No. Used
17	28-3290	Decal Caution	1
18	18-7040	Decal Gas	1
19	3229-10	Carriage Bolt	5
20	3253-5	Lockwasher	5
21	3217-5	Nut	5
22	28-0730	Frame	1
23	28-1610	Tool Box	1
24	2412-61	Clip Tinnerman	1
25	24-6390	Stud - Battery Hold Down	2
26	3253-4	Lockwasher	2
27	3217-6	Nut	2
28	32144-10	Screw Self Tapping	11
29	21-2770	Pad Foot Rest R.H.	1
30	21-2760	Pad Foot Rest L.H.	1
31	23-5220	Floor Plate	1
32	239-19	Vent Cap	6

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Price \$1.00

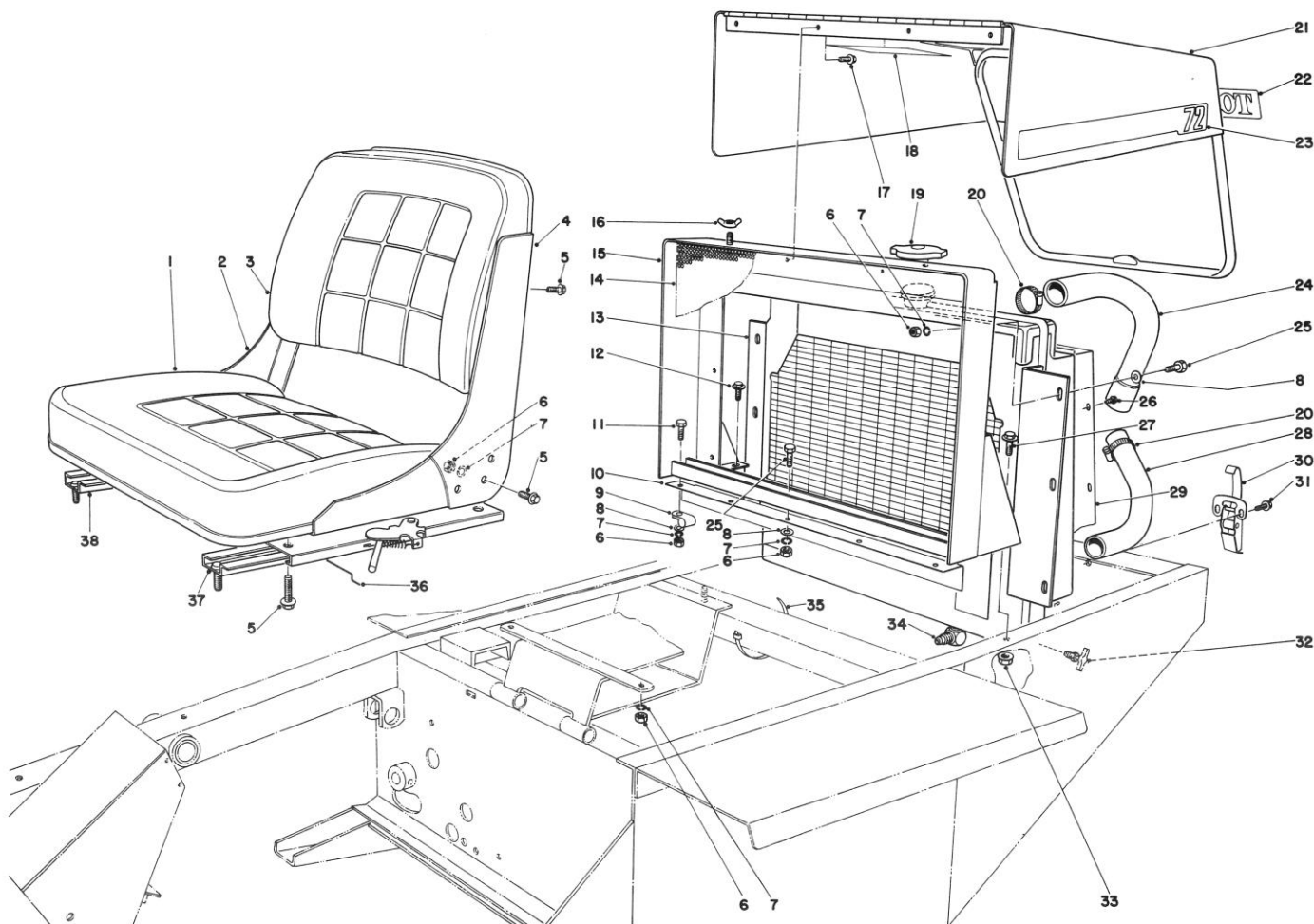


INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-35	Knob Control	2
2	12-9990	Hour Meter	1
3	3219-14	Nut	2
4	3253-17	Lockwasher	2
5	26-4390	Mounting Clamp	1
6	27-2360	Key Switch	1
7	218-412	Key (Set of 2)	1
8	18-2190	Ammeter	1
9	3254-9	Lockwasher	2
10	3217-29	Hex Nut	2
11	26-6740	Temperature Reset Relay	1
12	26-6750	Engine Temperature Gauge	1
13	322-3	Capscrew	2

Ref. No.	Part No.	Description	No. Used
14	3253-4	Lockwasher	2
15	3217-6	Nut	2
16†		Regulator	1
17	28-1590	Throttle Control (Incl. Ref. #1)	1
18	3290-134	Hex Hd. Machine Screw	6
19	3290-360	Hex Hd. Machine Screw	1
20	22-7810	Spacer	1
21	22-7820	Buzzer Assembly	1
22	32128-17	Flange Locknut	7
23	26-6730	Decal - Instrument Panel	1
24	28-1600	Choke Control (Incl. Ref. # 1)	1
25	28-1580	Panel Instrument	1
26	21-9970	Warning Light	1
	218-504	LENS ASSY for warning light	1

†Obtain from your local continental Dealer.

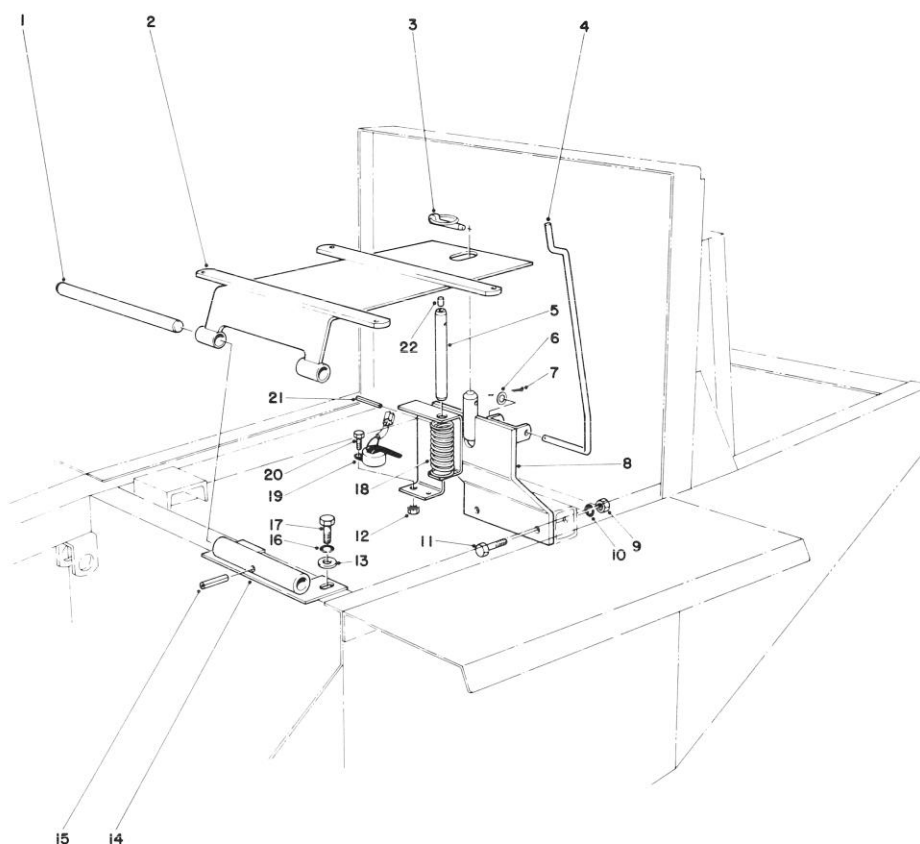


SEAT, RADIATOR AND HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	351-59	Seat Cushion	1
2	351-64	Rail R.H.	1
3	351-60	Backrest	1
4	351-65	Rail L.H.	1
5	3234-5	Hex Flange Screw	14
6	3217-6	Nut	17
7	3253-4	Lockwasher	17
8	3256-23	Flat Washer	11
9	2412-4	Clamp	1
10	23-1760	Sealing Plate - Grille	1
11	322-5	Capscrew	1
12	11-0590	Capscrew Self Tapping	2
13	33-2570	Radiator Assembly	1
14	23-1770	Grille	1
15	23-1700	Radiator Support	1
16	32103-2	Wing Nut	2
17	32144-10	Screw Self Tapping	4
18	26-7530	Decal Engine Coolant	1
19	18-2660	Radiator Pressure Cap	1
20	2412-3	Hose Clamp	2

Ref. No.	Part No.	Description	No. Used
21	23-2150	Hood	1
22	18-2180	Decal Toro	1
23	27-3220	Decal Groundsmaster 72	2
24	26-9890	Hose Upper	1
25	322-3	Capscrew	10
26	32104-116	Screw Hex Hd.	8
27	3234-1	Screw - Hex Flange	2
28	26-9900	Hose Lower	1
29	33-2580	Radiator Shroud	1
30	249-21	Clamp - Hook	1
31	32140-43	Sems Screw	2
32	304-46	Drain Cock	1
33	32128-19	Nut Flange Locking	2
34	353-548	Elbow	2
35	3290-379	Cable Tie	1
36	351-61	Connecting Rod	1
37	351-63	Adjuster L.H.	1
38	351-62	Adjuster R.H.	1
*	21-4880	Seat Assembly (Incl. Ref. #1-7 & 36-38)	1

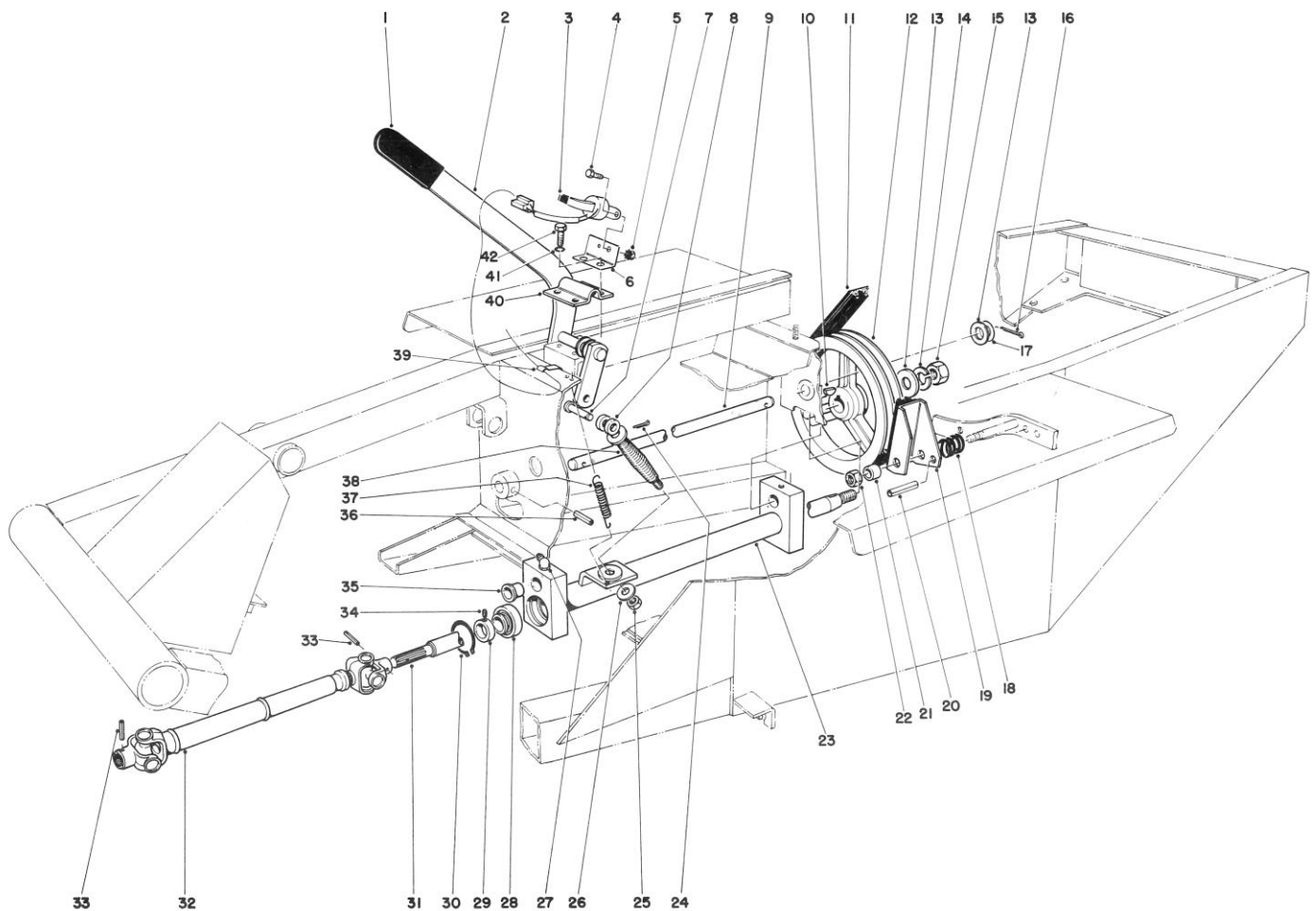
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SEAT INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	27-9780	Seat Support	1
3	3290-243	Lynch Pin	1
4	27-9880	Seat Prop	1
5	27-9870	Pin — Seat Switch	1
6	3256-22	Flat Washer	1
7	3272-6	Cotter Pin	1
8	27-9830	Seat Support Bracket	1
9	3217-7	Nut	2
10	3253-21	Lockwasher	2
11	323-12	Capscrew	2

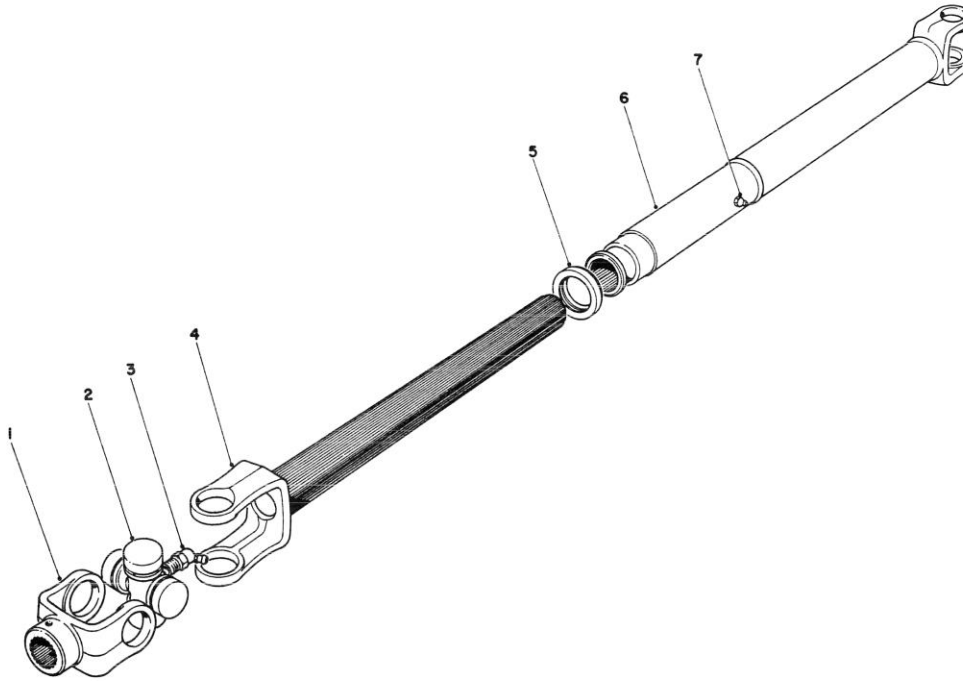
Ref. No.	Part No.	Description	No. Used
12	3296-42	Nut	1
13	3256-23	Flat Washer	1
14	27-9810	Seat Pivot	1
15	32121-4	Spring Pin	1
16	3253-4	Lockwasher	2
17	322-5	Capscrew	2
18	28-0570	Spring — Compression	1
19	29-6930	Switch	1
20	321-2	Capscrew	1
21	32121-6	Spring Pin	1
22	28-6180	Plastic Pin	1



POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip Handle	1
2	21-1550	Lever Power Take Off	1
3	29-6930	Switch — Arm	1
4	321-2	Capscrew	1
5	3296-42	Nut	1
6	27-7260	Mount — Arm Switch	1
7	283-2	Clevis Pin	1
8	21-2080	Yoke End	1
9	23-2020	Shaft Pivot	1
10	3257-5	Key Woodruff	1
11	23-1820	V-Belt Torque Team	1
12	21-0230	Pulley	1
13	3256-28	Washer	2
14	3254-7	Lockwasher	1
15	3219-7	Nut	1
16	3272-22	Cotter Pin	1
17	3-6498	Washer	A/R
18	5-1747	Spring	1
19	27-7370	Brake Assembly Power Take Off	1
20	32121-49	Spring Pin	1
21	3-8812	Spacer	1

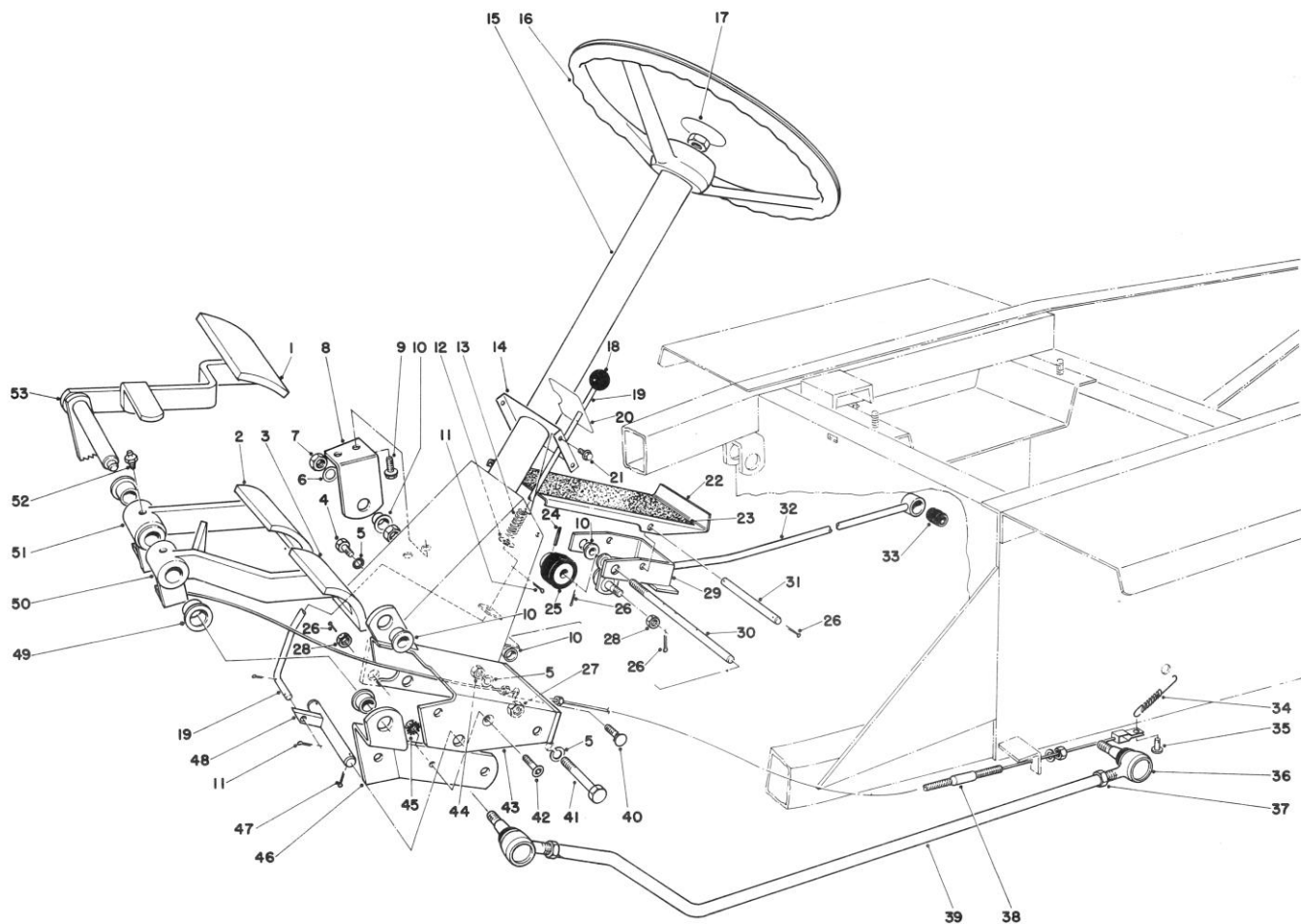
Ref. No.	Part No.	Description	No. Used
22	3296-28	Nut	1
23	23-1980	Pivot — Power Take Off (Incl. Ref. #35)	1
24	3272-10	Cotter Pin	1
25	3296-26	Locknut	1
26	3256-36	Washer	1
27	302-10	Grease Fitting	1
28	251-252	Ball Bearing (Incl. Ref. #29&34)	2
29	251-234	Lock Collar (Incl. Ref. #34)	2
30	32120-22	Snap Ring	1
31	23-2010	Shaft — Power Take Off	1
32	21-3090	Universal Joint	1
33	32121-34	Roll Pin	2
34	3245-1	Set Screw	2
35	256-136	Bushing	2
36	32121-9	Roll Pin	1
37	21-1830	Spring — Tension	1
38	21-0400	Spring — Compression	1
39	212-93	Wire Clamp	1
40	21-1600	Clamp — Power Take Off Lever	1
41	3253-21	Lockwasher	4
42	32104-6	Screw Self Tapping	4



DRIVE SHAFT ASSEMBLY — 21-3090

Ref. No.	Part No.	Description	No. Used
1	21-5960	End Yoke	2
2	21-5970	U-Joint Kit	2
3	21-5980	Grease Fitting	2
4	21-6030	Slip Yoke Shaft	1

Ref. No.	Part No.	Description	No. Used
5	21-5990	Dust Cap Assembly	1
6	21-6020	Slip Yoke Tube	1
7	21-6010	Grease Fitting	1

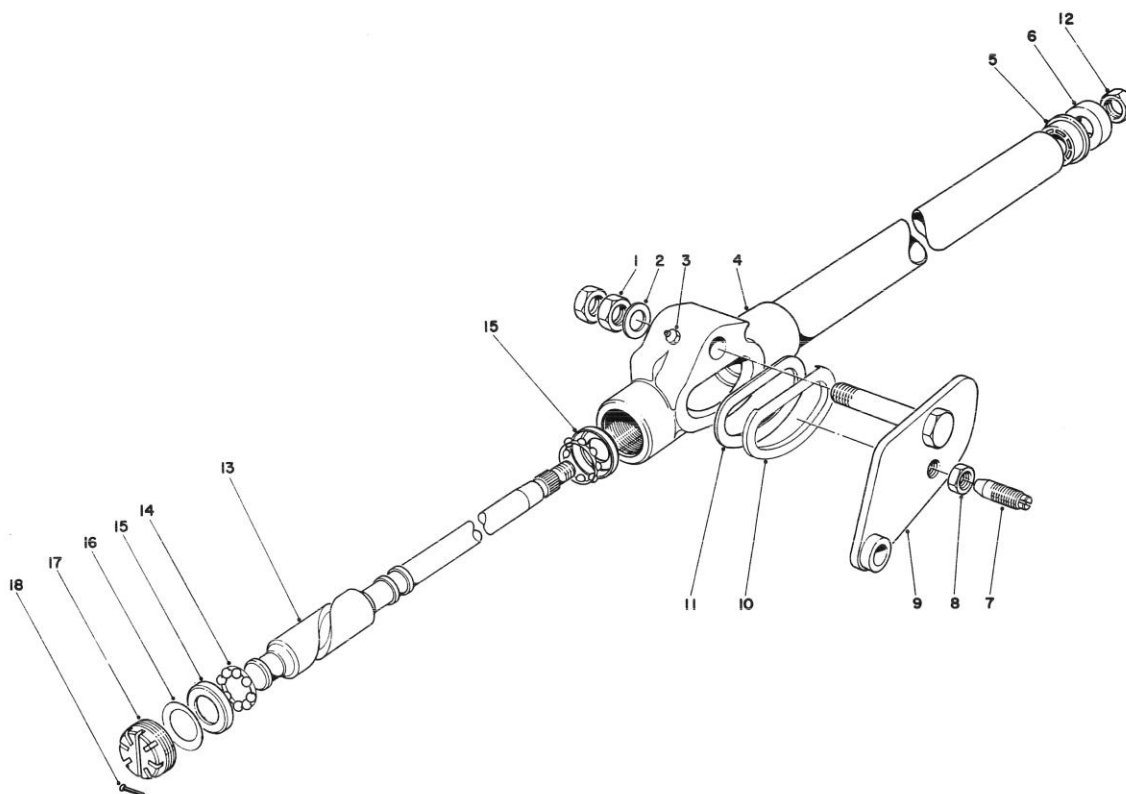


BRAKE AND STEERING GEAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad Brake	1
2	27-7580	Pad Right Turn	1
3	27-7570	Pad Left Turn	1
4	323-6	Capscrew	3
5	3253-21	Lockwasher	7
6	3256-26	Flat Washer	1
7	3218-5	Jam Nut	2
8	21-2850	Pedal Mount R.H.	1
9	11-0590	Capscrew Self Tapping	2
10	256-156	Bushing	6
11	3272-5	Cotter Pin	3
12	3256-22	Flat Washer	1
13	3-3251	Compression Spring	1
14	27-9530	Support Steering Column	1
15	33-4350	Steering Gear Assembly	1
16	24-2000	Steering Wheel	1
17	24-2090	Cap Steering Wheel	1
18	233-17	Knob	1
19	27-7660	Rod Brake Latch	1
20	27-7300	Decal Parking Brake	1
21	32144-10	Screw Self Tapping	4
22	28-5190	Pedal Traction	1
23	28-5130	Pad Pedal	1
24	32121-16	Roll Pin	1
25	28-5220	Friction Wheel	1
26	3272-6	Cotter Pin	7
27	32146-2	Locknut	2

Ref. No.	Part No.	Description	No. Used
28	32136-4	Slotted Nut	3
29	28-5160	Pivot Bracket (Incl. Ref.#10)	1
30	28-5210	Shaft Traction Pedal	1
31	28-5240	Pin Traction Pedal	1
32	23-2240	Pump Control Rod	1
33	23-2270	Rubber Bushing	1
34	3-7243	Spring Extension	2
35	283-30	Clevis Pin	2
36	21-0140	Socket Assembly	3
37	3220-5	Jam Nut	3
38	21-3380	Brake Cable L.H.	1
*	21-3370	Brake Cable R.H.	1
39	26-9760	Tube Front Steering	1
40	3231-21	Carriage Bolt	2
41	323-13	Capscrew	2
42	3274-47	Hex Socket Flat Hd. Capscrew	1
43	27-7590	Brake Mount	1
44	3217-7	Nut	2
45	32149-2	Keps Nut	1
46	27-9270	Brake Pivot Shaft Mount	1
47	3272-7	Cotter Pin	2
48	27-7640	Brake Latch Shaft	1
49	256-10	Bushing	4
50	27-7490	Brake Pedal L.H. (Incl. Ref.#49)	1
51	27-7510	Brake Pedal R.H. (Incl. Ref.#49)	1
52	302-5	Grease Fitting	2
53	27-8550	Parking Brake Pedal	1

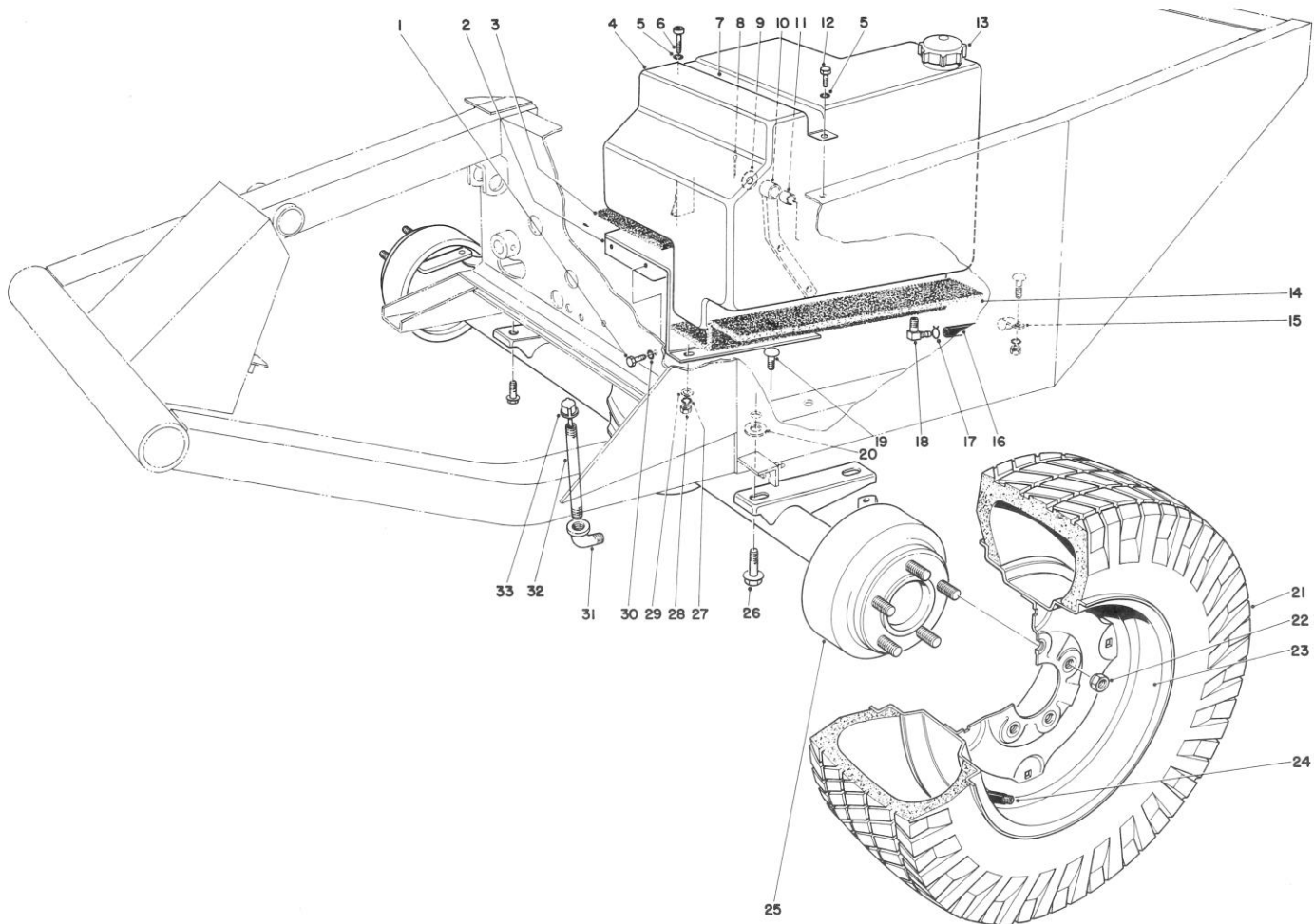
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STEERING GEAR ASSEMBLY — 33-4350

Ref. No.	Part No.	Description	No. Used
1	3220-7	Jam Nut	2
2	22-8310	Washer	1
3	302-16	Grease Fitting	1
4	33-4430	Housing & Jacket Tube Assy.	1
5	21-9270	Column Bearing	1
6	21-9260	Dust Cover	1
7	22-8300	Lever Stud	1
8	3219-10	Jam Nut	1
9	22-8280	Steering Lever & Bolt Assembly	1

Ref. No.	Part No.	Description	No. Used
10	22-8470	Seal Retainer	1
11	22-8460	Seal	1
12	3220-6	Jam Nut	1
13	21-9280	Cam & Tube Assembly	1
14	21-9170	Retainer & Ball Assembly	2
15	21-9160	Ball Cup	2
16	21-9150	Belleville Washer	1
17	21-9130	Adjusting Plug	1
18	3272-9	Cotter Pin	1

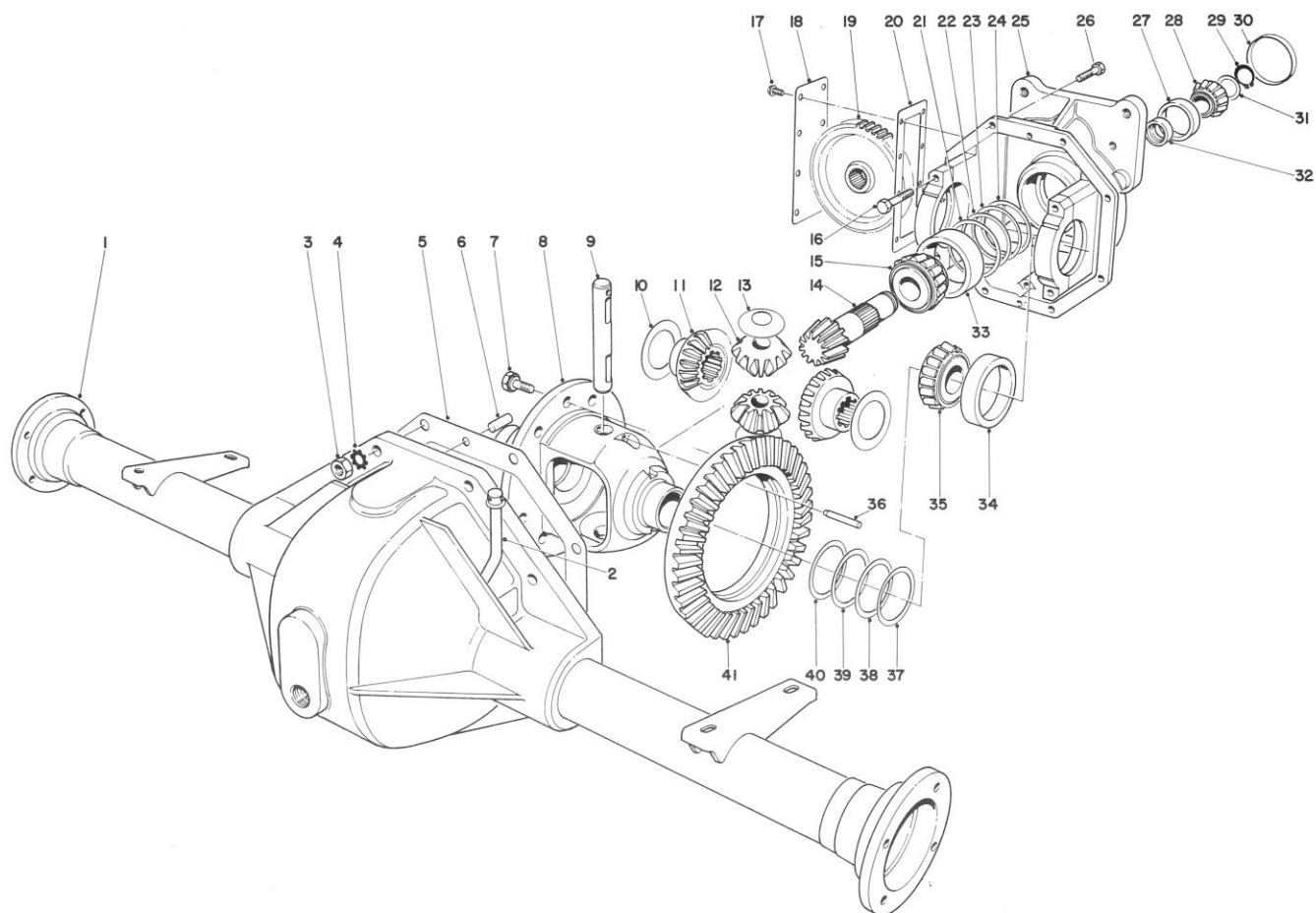


FRONT AXLE AND GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-4	Capscrew	2
2	23-2100	Gas Tank Base	1
3	21-3600	Foam Tank Support	1
4	21-3620	Gas Tank (Incl. Ref. 18)	1
5	3253-3	Lockwasher	2
6	3274-51	Socket Hd. Capscrew	1
7	21-3630	Strap - Gas Tank	1
8	3272-13	Cotter Pin	1
9	10-8110	Thrust Washer	1
10	23-2080	Steering Link (Incl. Ref. #11)	1
11	256-237	Bushing	1
12	321-4	Capscrew	1
13	10-7950	Gas Cap	1
14	21-3610	Foam — Tank Support	1
15	2412-41	Clamp	1
16	23-2140	Fuel Line	1
17	2412-6	Clamp	1

Ref. No.	Part No.	Description	No. Used
18	353-536	Fitting	1
19	3230-2	Carriage Bolt	3
20	28-5640	Washer Special	A/R
21	231-41	Tire	2
22	23-7270	Wheel Nut	10
23	217-105	Wheel	2
24	232-27	Valve Stem W/Cap	2
25	33-4360	Axle	1
26	3234-15	Flanged Head Capscrew	4
27	3253-4	Lockwasher	3
28	3217-6	Nut	3
29	3256-23	Flat Washer	2
30	3253-21	Lockwasher	2
31	2811-9	Street Elbow	1
32	289-37	Pipe Nipple	1
33	23-5180	Dipstick	1
*	231-90	Tire Inner Tube	2

*Not Illustrated

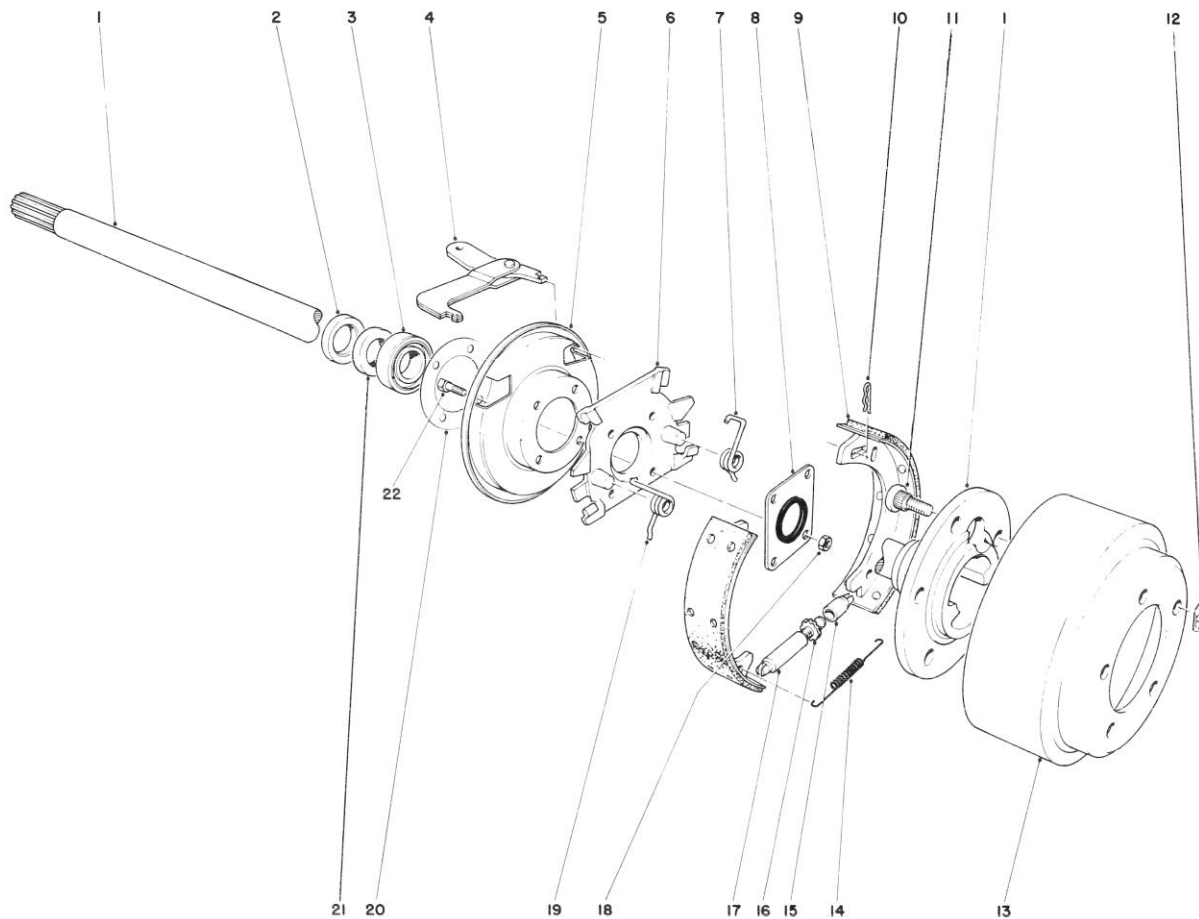


DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33-4370	Lower Housing & Tube Ass'y	1
2	21-8230	Vent Tube Assembly	1
3	3219-2	Nut	8
4	3255-8	Lockwasher	8
5	21-8280	Housing Gasket	1
6	21-8270	Dowel Pin	2
7	21-7770	Drive Gear Screw	10
8	21-7670	Differential Case	1
9	21-7700	Pinion Mate Shaft	1
10	21-7720	Thrust Washer	2
11	24-8790	Differential Bevel Side Gear	2
12	21-7690	Pinion Gear	2
13	21-7730	Thrust Washer	2
14		Drive Pinion (Incl. w/Ref. #41)	1
15	21-8080	Tapered Roller Bearing Cone	1
16	324-23	Capscrew	4
17	12-5450	Thread Forming Screw	8
18	21-7830	Gear Cover	1
19	21-8150	Spur Gear	1
20	21-7820	Gasket - Gear Cover	1
21	21-8030	Pin Bearing Shim .003	A/R
22	21-8040	Pin Bearing Shim .005	A/R
23	21-8050	Pin Bearing Shim .010	A/R
24	21-8060	Pin Bearing Shim .030	A/R
25	28-0640	Upper Housing Assembly (Incl. Ref. #16)	1
26	28-0660	Capscrew	8
27	254-90	Bearing Cup	1
28	21-8010	Bearing Cone	1

Ref. No.	Part No.	Description	No. Used
29	32120-32	Retaining Ring	1
30	21-7850	Cup Plug	1
31	21-7870	Pin Bearing Shim Front (.031)	A/R
*	21-7880	Pin Bearing Shim Front (.033)	A/R
*	21-7890	Pin Bearing Shim Front (.035)	A/R
*	21-7900	Pin Bearing Shim Front (.037)	A/R
*	21-7910	Pin Bearing Shim Front (.039)	A/R
*	21-7920	Pin Bearing Shim Front (.041)	A/R
*	21-7930	Pin Bearing Shim Front (.043)	A/R
*	21-7940	Pin Bearing Shim Front (.045)	A/R
*	21-7950	Pin Bearing Shim Front (.047)	A/R
*	21-7960	Pin Bearing Shim Front (.049)	A/R
*	21-7970	Pin Bearing Shim Front (.051)	A/R
*	21-7980	Pin Bearing Shim Front (.053)	A/R
*	21-7990	Pin Bearing Shim Front (.055)	A/R
*	21-8000	Pin Bearing Shim Front (.057)	A/R
32	21-8020	Front Pinion Bearing Spacer	1
33	21-8070	Tapered Roller Bearing Cup	1
34	254-66	Cup - Tapered Bearing	2
35	254-65	Cone - Tapered Bearing	2
36	21-7710	Roll Pin	1
37	21-8090	Differential Adjust. Shim .003	A/R
38	21-8100	Differential Adjust. Shim .005	A/R
39	21-8110	Differential Adjust. Shim .010	A/R
40	21-8120	Differential Adjust. Shim .030	A/R
41		Ring Gear	1
*	21-7740	Gear & Pinion Assembly (Incl. Ref. #14 & 41)	1

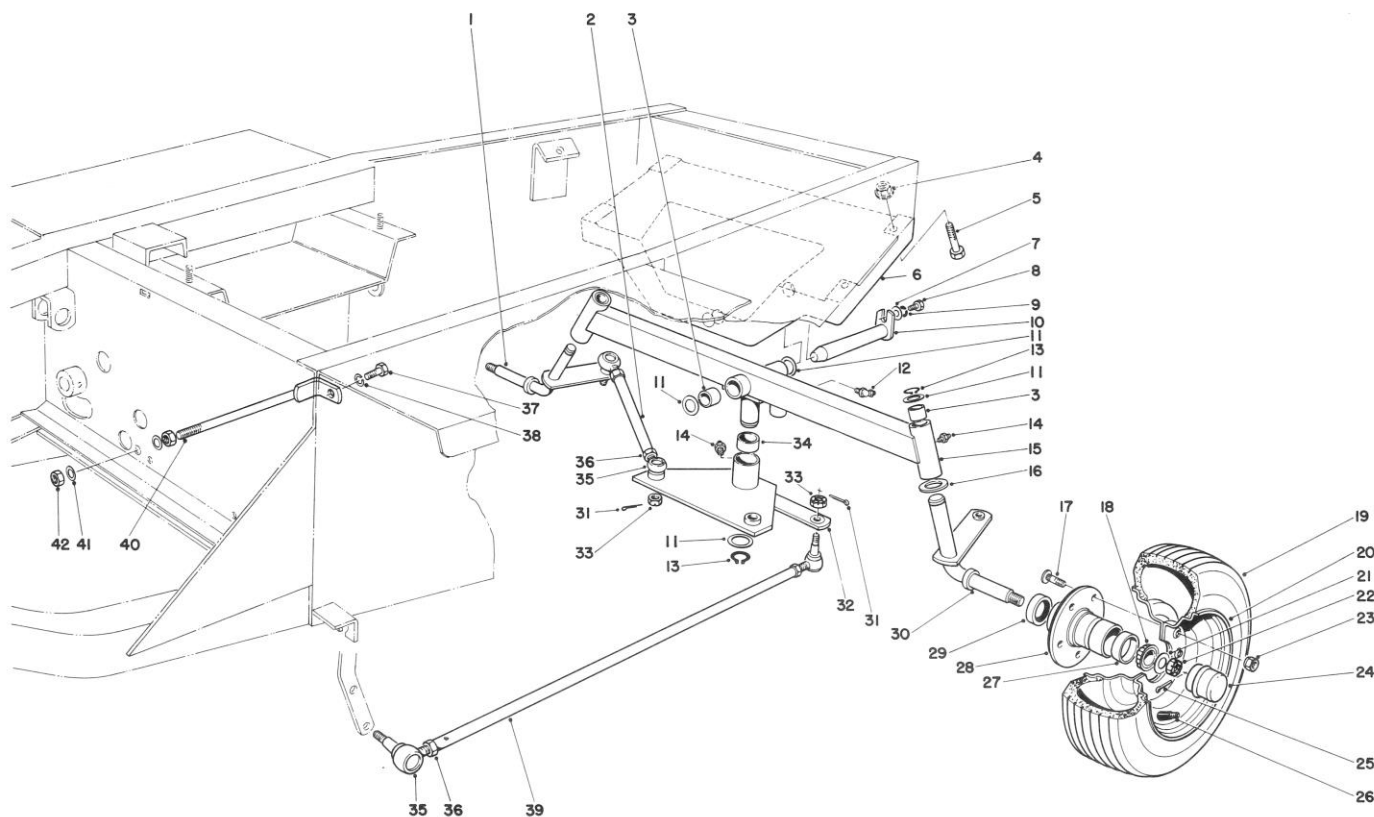
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BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28-0650	Axle Shaft Flanged	2
2	21-8330	Oil Seal	2
3	21-8180	Bearing — Tapered Roller	2
4	24-9180	Strut & Lever Parking Brake	2
5	21-9450	Dust Shield	2
43-6810 6	21-9410	Torque Spider	2
7	21-9430	Spring — Shoe Return R.H.	2
8	28-0670	Oil Seal	2
9	21-9470	Shoe & Lining Ass'y (2 Shoes)	2
10	21-9460	Retainer — Parking Brake Lever	4
11	242-34	Axle Flange Stud	10

Ref. No.	Part No.	Description	No. Used
12	21-8360	Clip — Retaining	2
13	28-0680	Brake Drum	2
14	21-9440	Spring — Adjusting Screw	2
15	21-9390	Socket — Adjusting Screw	2
16	21-9370	Adjusting Screw	2
17	21-9380	Pivot Nut	2
18	32152-5	Locknut	8
19	21-9420	Spring — Shoe Return L.H.	2
20	21-8320	Gasket Wheel Bearing	2
21	24-8840	Ring Wheel Bearing	2
22	28-0660	Capscrew	8

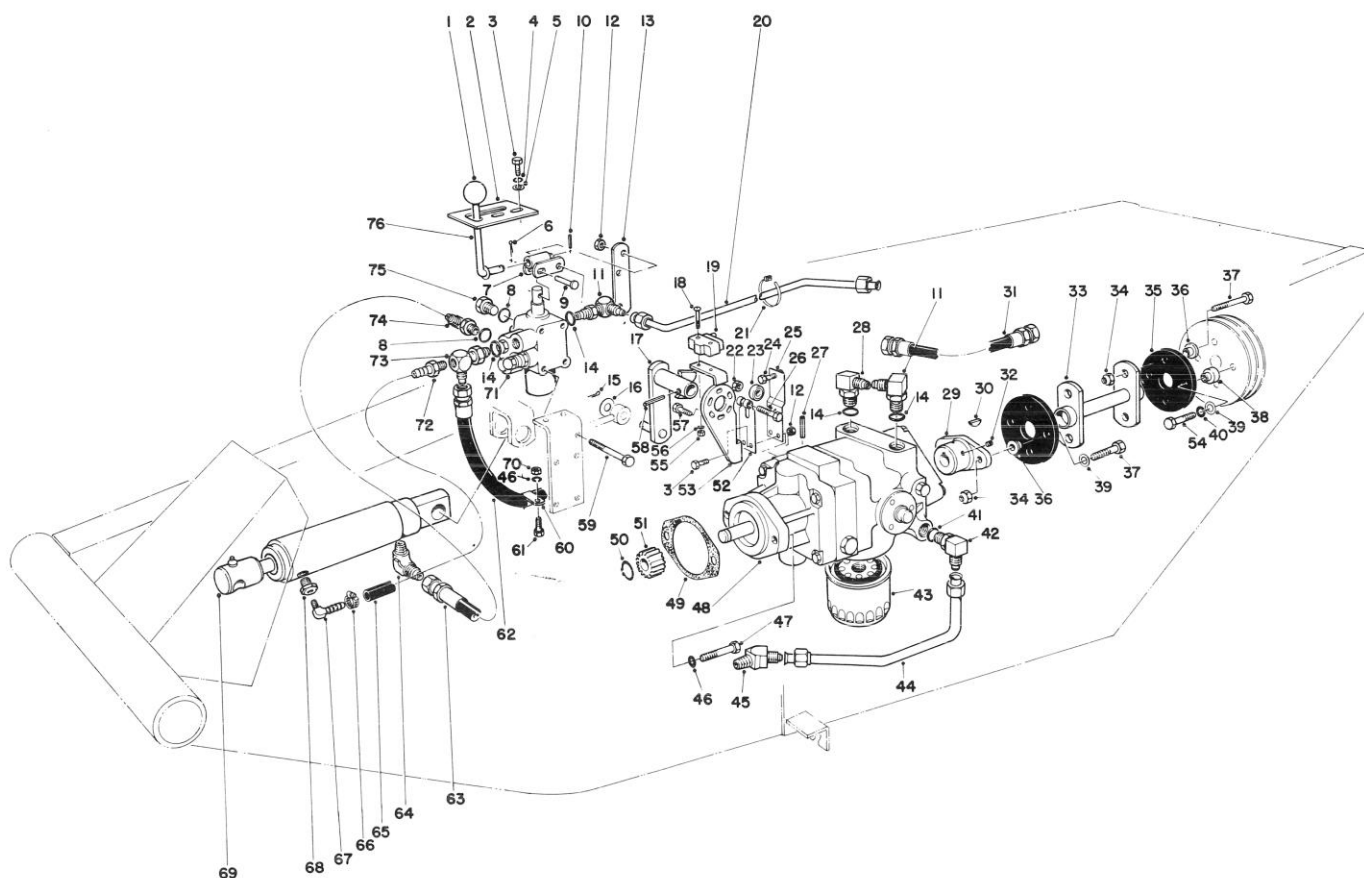


REAR AXLE AND WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-1930	Spindle Assembly R.H.	1
2	21-2000	Tie Rod Assembly	2
3	3-0348	Bushing	6
4	32128-23	Flange Nut	4
5	325-7	Capscrew	4
6	23-1450	Rear Axle Mount	1
7	3256-23	Flat Washer	1
8	322-3	Capscrew	1
9	3253-4	Lockwasher	1
10	23-1540	Rear Axle Pin	1
11	10-8110	Thrust Washer	5
12	302-11	Grease Fitting	1
13	32151-36	Ring Retaining	3
14	302-5	Grease Fitting	3
15	33-2890	Rear Axle (Incl. Ref. #3)	1
16	256-121	Thrust Bushing	2
17	10-6830	Drive Stud	10
18	254-94	Bearing Cone	4
19	231-43	Tire	2
20	217-106	Wheel	2
21	3256-28	Washer	2
22	32136-5	Nut Slotted	2
23	242-50	Wheel Nut	10
24	241-119	Dust Cap	2

Ref. No.	Part No.	Description	No. Used
25	3272-13	Cotter Pin	2
26	232-27	Valve Stem W/Cap	2
27	254-72	Bearing Cup	4
28	21-2820	Wheel Hub (Incl. Ref. #17 & 27)	2
29	253-129	Oil Seal	2
30	21-1980	Spindle Assembly L.H.	1
31	3272-6	Cotter Pin	6
32	23-1510	Rear Steering Pivot (Incl. Ref. 34)	1
33	32136-4	Slotted Nut	6
34	256-242	Bushing	2
35	21-0140	Socket R.H. Thread	3
*	21-0150	Socket L.H. Thread	3
36	3220-5	Jam Nut R.H. Thread	3
*	3220-12	Jam Nut L.H. Thread	3
37	323-6	Capscrew	1
38	3253-21	Lockwasher	1
39	21-2100	Rear Steering Rod	1
40	24-9830	Axle Support	1
41	3256-6	Flat Washer	2
42	3217-9	Full Nut	2
*	231-91	Tire Inner Tube	2

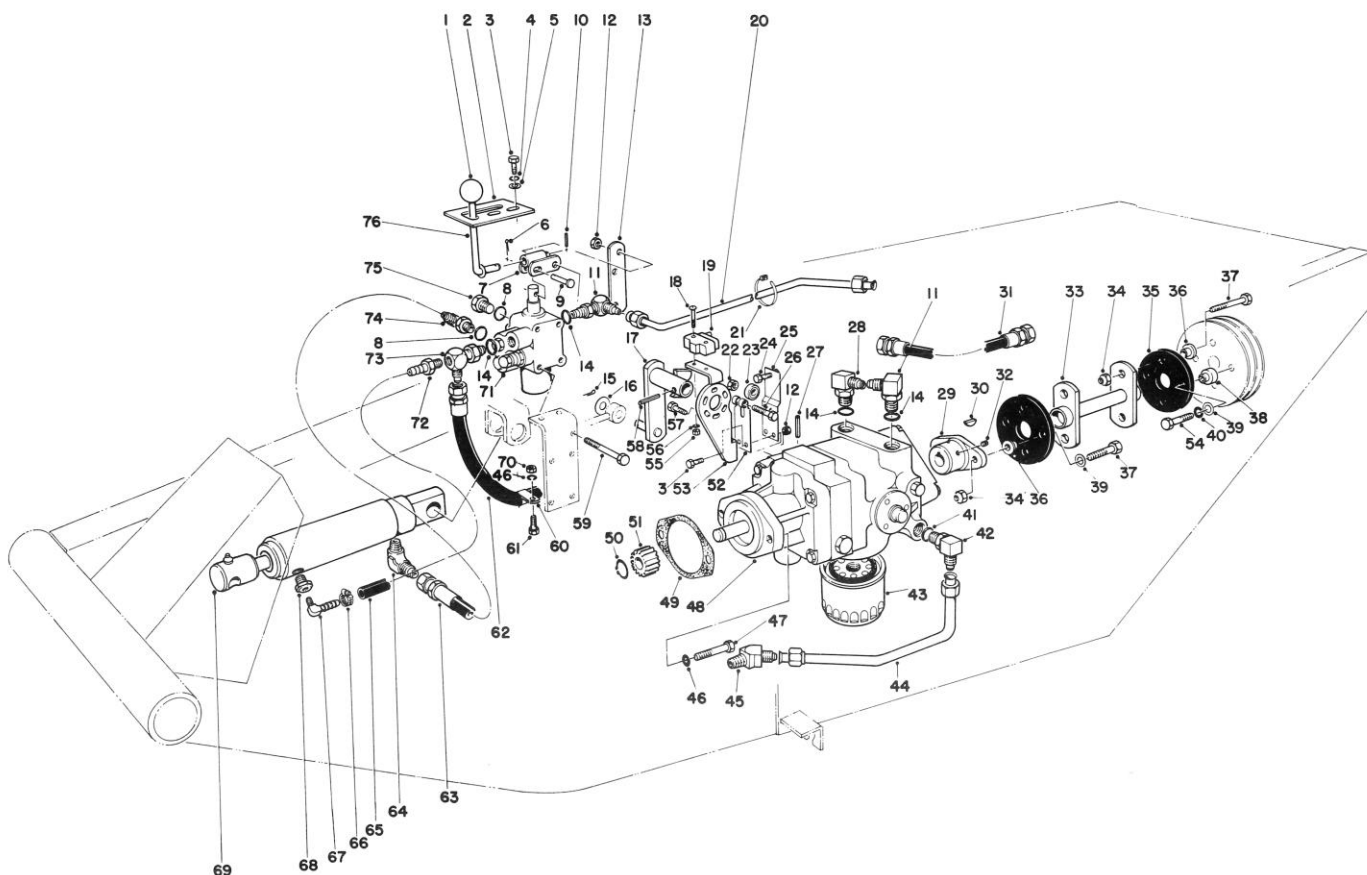
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HYDROSTATIC TRANSMISSION AND VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-21	Knob	1
2	21-8640	Latch — Valve Lever	1
3	321-4	Capscrew	4
4	3253-3	Lockwasher	2
5	3256-22	Flat Washer	2
6	3272-6	Cotter Pin	1
7	21-8590	Valve Lever Link	1
8	237-78	O-Ring	2
9	283-17	Pin	1
10	32121-73	Spring Pin Slotted	1
11	353-374	Fitting 90° Elbow	2
12	3296-42	Nut Lock	7
13	21-9010	Pivot Mount Valve Lever	1
14	237-42	O-Ring	4
15	3272-10	Cotter Pin	1
16	3256-6	Flat Washer	1
17	28-9570	Pump Lever	1
18	3249-11	Round Head Machine Screw	2
19	29-6160	Micro Switch	1
20	23-1880	Tube Pressure Line	1
21	3290-379	Cable Tie	1
22	3296-29	Locknut	1
23	251-259	Ball Bearing	1

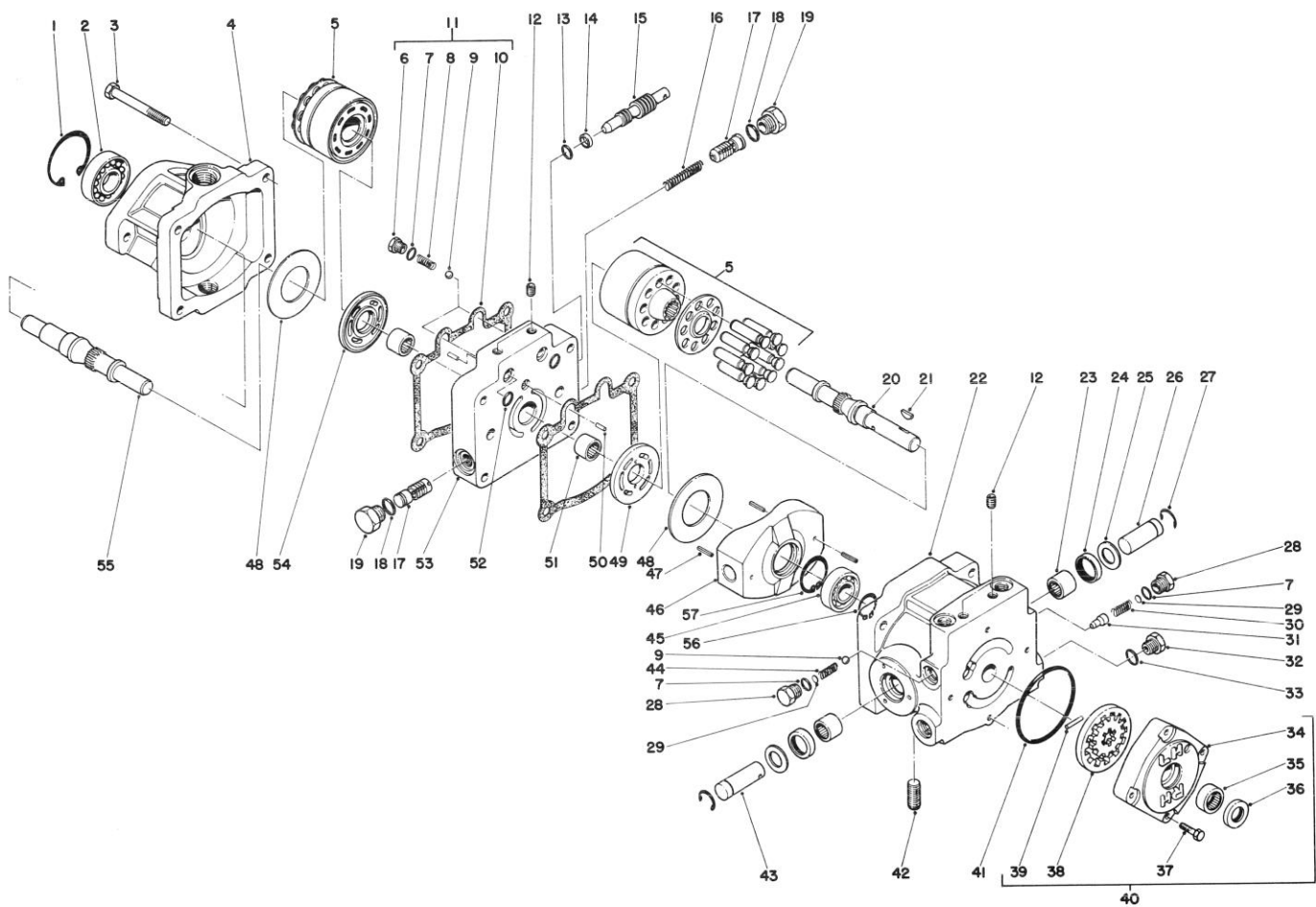
Ref. No.	Part No.	Description	No. Used
24	3210-7	Capscrew	1
25	29-6170	Extended Leaf Spring	1
26	322-17	Capscrew	1
27	32121-6	Roll Pin	1
28	353-511	Elbow	1
29	33-4380	Pump Hub	1
30	3257-32	Woodruff Key	1
31	33-4410	Hose Assembly Cooler to Pump	1
32	3245-1	Set Screw	2
33	27-3780	Drive Coupling	1
34	32152-1	Locknut	6
35	27-6560	Coupling Rubber	2
36	27-6600	Spacer Rubber Coupling	6
37	322-6	Capscrew	6
38	33-2020	Spacer Rubber Coupling	2
39	3256-3	Flat Washer	4
40	3253-4	Lockwasher	2
41	237-80	O-Ring	1
42	353-370	Elbow	1
43	23-2300	Oil Filter	1
44	23-1900	Tube Assembly Axle to Pump	1



HYDROSTATIC TRANSMISSION & VALVE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	353-535	Elbow	1
46	3253-21	Lockwasher	3
47	323-7	Capscrew	2
48	22-4760	Transmission Inline (Incl. Ref. #30 & 51)	1
49	23-1800	Gasket Transmission	1
50	32120-72	Snap Ring	1
51	23-4810	Pinion Gear	1
52	29-6150	Leaf Spring	1
53	29-6120	Pump Plate	1
54	322-7	Capscrew	2
55	3217-16	Brass Full Hex Nut	2
56	3254-9	Lockwasher	2
57	32104-42	Self Tapping Screw	3
58	32121-24	Roll Pin	1
59	321-23	Capscrew	5
60	2412-4	Clamp	1

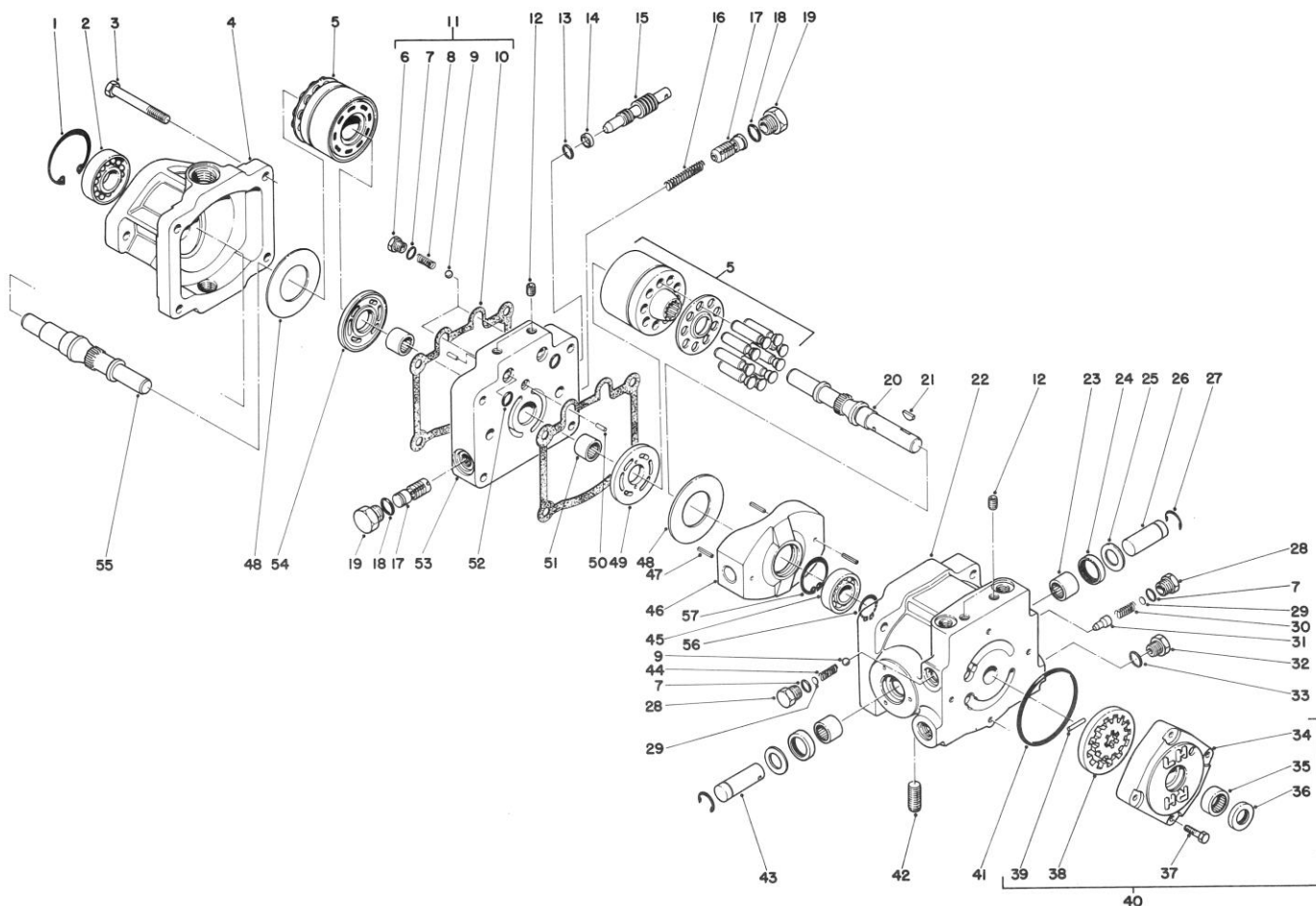
Ref. No.	Part No.	Description	No. Used
61	323-6	Capscrew	1
62	26-2380	Hose — Valve to Cooler	1
63	21-8580	Hose Valve to Cylinder	1
64	5-6560	Elbow .078 Orifice	1
65	6-1190	Hose	1
66	2412-36	Clamp	2
67	304-75	Barb 90° Fitting	1
68	304-97	Reducer Bushing	1
69	21-0390	Hydraulic Cylinder	1
70	3217-7	Nut	1
71	21-8550	Valve — Hydraulic Control	1
72	304-73	Barb Straight Fitting	1
73	21-4940	Fitting Assembly	1
74	353-375	Fitting 90° Elbow	1
75	353-512	Plug	1
76	21-8620	Valve Lever	1



TRANSMISSION ASSEMBLY (22-4760)

Ref. No.	Part No.	Description	No. Used
1	32120-8	Retaining Ring	1
2	251-263	Ball Bearing	1
3	323-13	Capscrew	4
4	25-2360	Motor Housing	1
5	25-2600	Cylinder Block Kit	2
6	25-2650	Check Valve Plug	2
7	237-86	O-Ring	4
8	25-2640	Valve Spring	2
9	25-2490	Ball	3
10	25-2400	Gasket	2
11	25-3180	Check Valve Kit (Incl. Ref. #6-10)	1
12	285-17	Pipe Plug	6
13	237-22	O-Ring	1
14	25-2630	Back Up Ring	1
15	25-2620	By Pass Valve	1
16	25-2610	Accel. Valve Spring	1

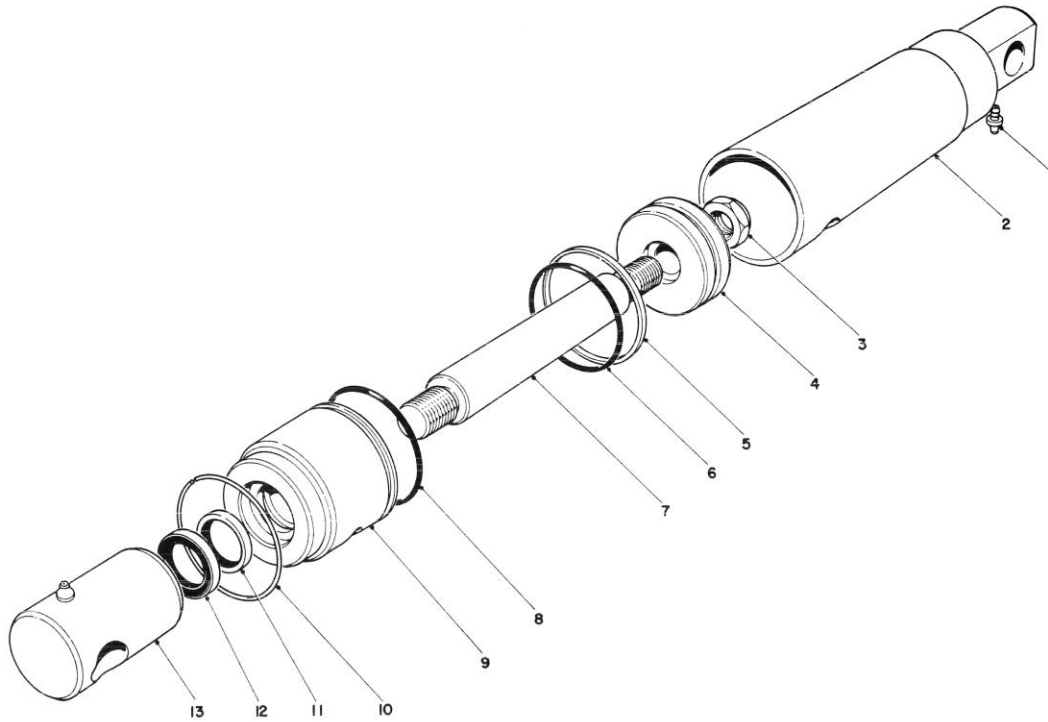
Ref. No.	Part No.	Description	No. Used
17	25-2410	Accel. Valve Assembly	2
18	237-79	O-Ring	2
19	353-550	Hex. Hd. Plug	2
20	25-2590 36-5370	Pump Shaft	1
21	3257-32	Woodruff Key	1
22	25-2520	Pump Housing	1
23	252-82	Needle Bearing	2
24	25-3210	Lip Seal	2
25	25-2510	Flat Washer	2
26	25-2580	Trunnion Shaft	1
27	32151-46	Retaining Ring	2
28	25-2460	Hex. Hd. Plug	2
29	25-2470	Shim Pack	2
30	25-2570	Valve Spring	1
31	25-2560	Relief Valve Cone	1
32	353-551	Hex. Hd. Plug	1
33	237-80	O-Ring	1



TRANSMISSION ASSEMBLY (22-4760) (Continued)

Ref. No.	Part No.	Description	No. Used
34	25-2550	Charge Pump Housing	1
35	252-87	Needle Bearing	1
36	253-44	Lip Seal	1
37	322-4	Hex. Hd. Capscrew	4
38	25-2540	Gerator Assembly	1
39	25-2530	Headless Straight Pin	1
40	25-3190	Charge Pump (Incl. Ref. #34-39)	1
41	237-95	O-Ring	1
42	25-2660	Filter Union	1
43	25-2500	Trunnion Shaft	1
44	25-2480	Valve Spring	1

Ref. No.	Part No.	Description	No. Used
45	251-8	Ball Bearing	1
46	25-2450	Variable Swashplate	1
47	32121-91	Coil Spring Pin	3
48	25-2380	Thrust Plate	2
49	25-2440	Pump Valve Plate	1
50	25-2430	Dowel Pin	2
51	25-3300	Needle Bearing	2
52	237-30	O-Ring	2
53	25-2420	Center Section	1
54	25-2390	Motor Valve Plate	1
55	25-2370	Motor Shaft	1
56	32120-15	Retaining Ring	1
57	32120-11	Retaining Ring	1

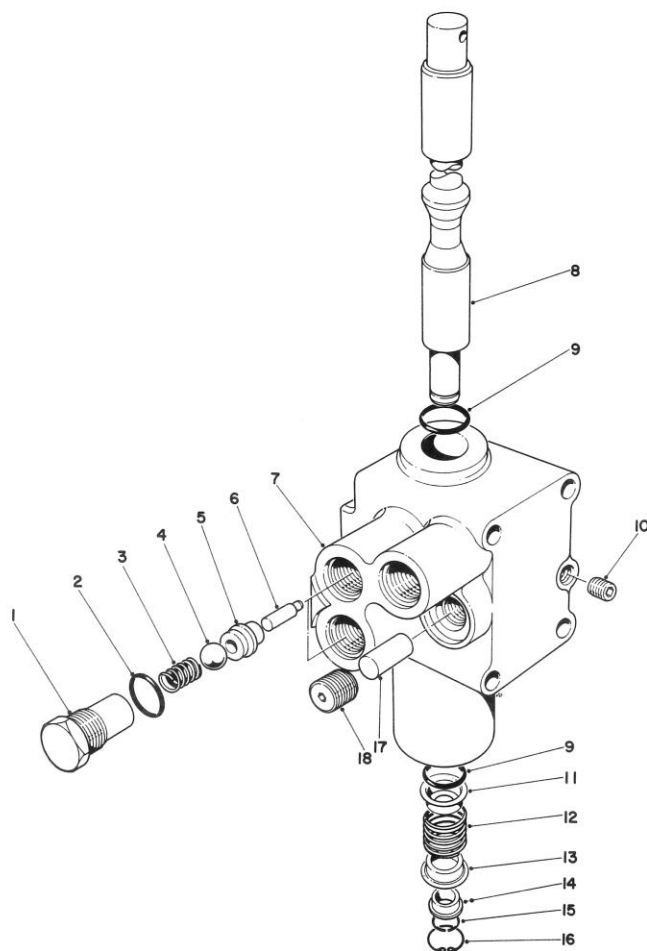


HYDRAULIC CYLINDER ASSEMBLY — 21-0390

Ref. No.	Part No.	Description	No. Used
1	302-22	Grease Fitting	2
2	21-9040	Barrel Assembly	1
3	3296-15	Locknut	1
4	21-9080	Piston	1
5		Slipper Ring	1
6		O-Ring	1
7	21-9030	Piston Rod	1
8		O-Ring	1

Ref. No.	Part No.	Description	No. Used
9	21-9070	Bearing	1
10		Lock Ring	1
11		Seal	1
12		Seal Wiper	1
13	21-9060	Rod End	1
*	21-9100	Seal Repair Kit (Incl. Ref. 5-6, 8 & 10-12)	1

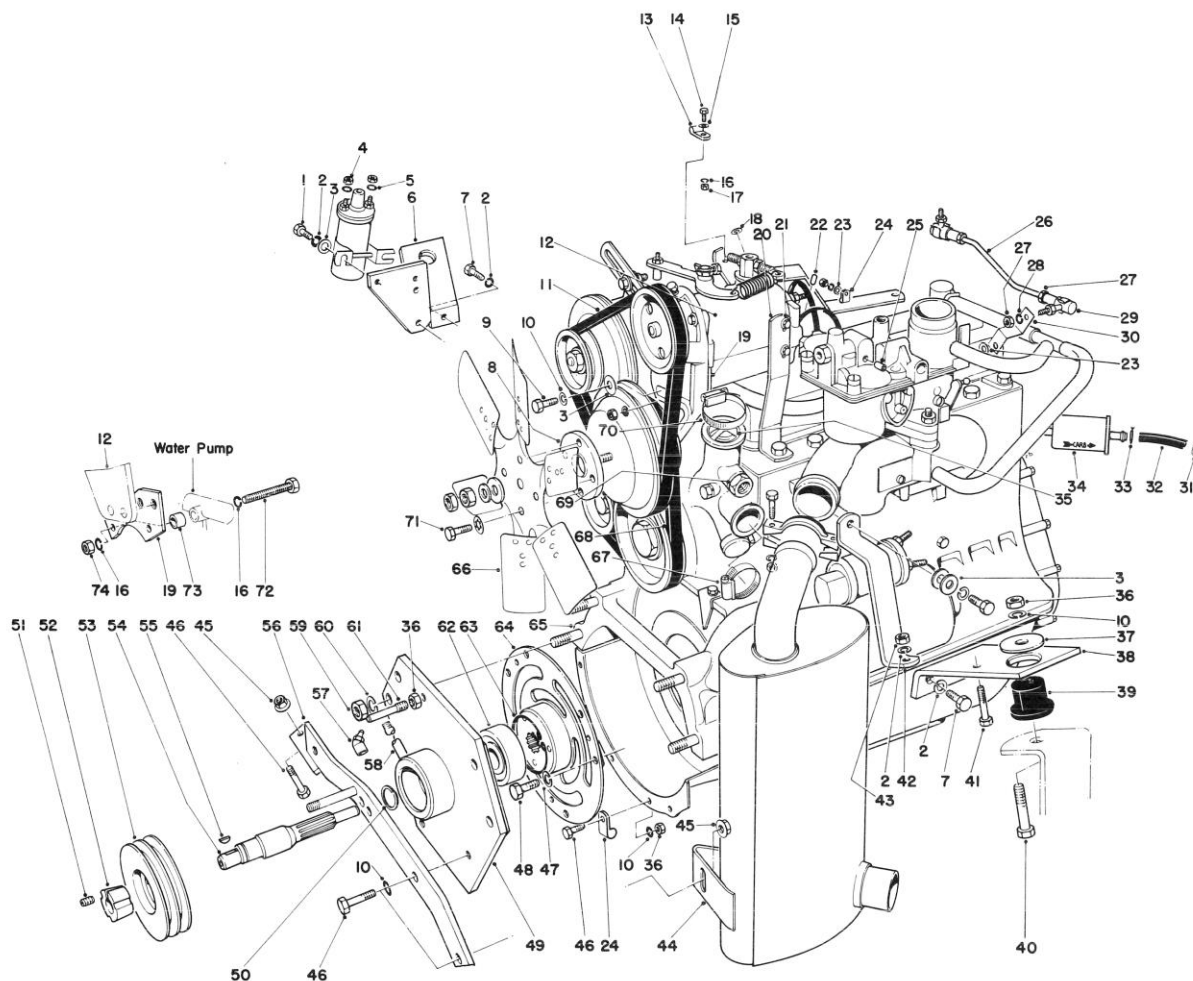
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CONTROL VALVE — 21-8550

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring	2
4	22-8350	Ball	2
5	22-8370	Seat — Check Valve	2
6	22-8360	Pin — Cam	2
7	22-8320	Body	1
8	22-8420	Spool	1
9	22-8500	O-Ring	2

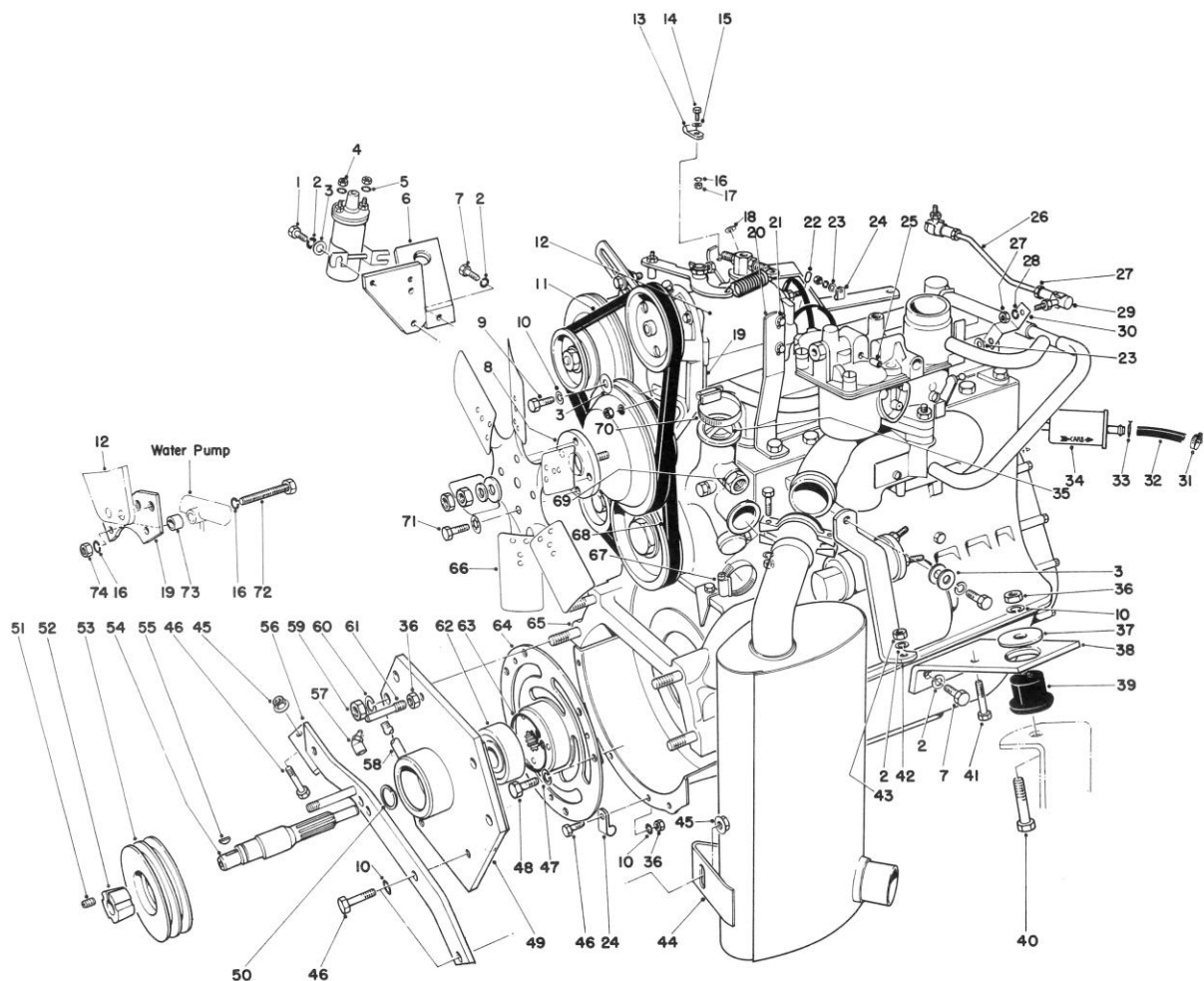
Ref. No.	Part No.	Description	No. Used
10	22-8510	Plug	1
11	22-8380	Spring Retainer	1
12	22-8410	Spring	1
13	22-8390	Spring Retainer	1
14	22-8400	Spacer Float	1
15	22-8480	Spring Ring Spool	1
16	22-8490	Snap Ring	1
17	36-3970	Plug	1
18	36-3960	Plug	1



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Capscrew	2
2	3253-4	Lockwasher	9
3	3256-3	Flat Washer	6
4	21-5900	Metric Nut	1
5	21-5890	Metric Lockwasher	1
6	21-2320	Mount Engine	1
7	21-0350	Metric Capscrew	6
8	27-9700	Spacer	1
9	3211-5	Capscrew	2
10	3253-21	Lockwasher	7
11	25-8340	Drive Belt	1
12	25-7640	Mechanical Governor	1
13	2412-31	Clamp — Bodine	1
14	321-4	Capscrew	1
15	3256-22	Washer	1
16	3253-3	Lockwasher	4
17	3217-5	Nut	1
18	3256-2	Washer	1
19	25-8310	Bracket	1
20	25-8320	Bracket Support	1
21	12-3270	Screw Thread Forming	2
22	21-5800	Closure Distributor	1
23	3256-23	Washer	2

Ref. No.	Part No.	Description	No. Used
24	2412-41	Clamp	2
25	3290-386	Closure Carburetor	1
26	25-9280	Throttle Rod	1
27	3219-14	Nut	4
28	3253-12	Lockwasher	2
29	21-5640	Ball Joint	2
30	21-5620	Lever Carburetor	1
31	2412-36	Clamp Worm Drive	1
32	18-2400	Hose Fuel Line	1
33	2412-6	Clamp Corbin	2
34	18-1520	Gas Filter Assembly	1
35	26-5650	Thermostat	1
36	3217-7	Nut	6
37	3-3391	Washer	2
38	21-2300	Engine Mount	1
39	21-0130	Mount Rubber	2
40	323-11	Capscrew	2
41	322-6	Capscrew	1
42	21-2310	Bracket Engine Mount	1
43	3217-6	Nut	1
44	23-1850	Muffler	1
45	32128-19	Nut Flange Locking	3
46	323-6	Capscrew	6

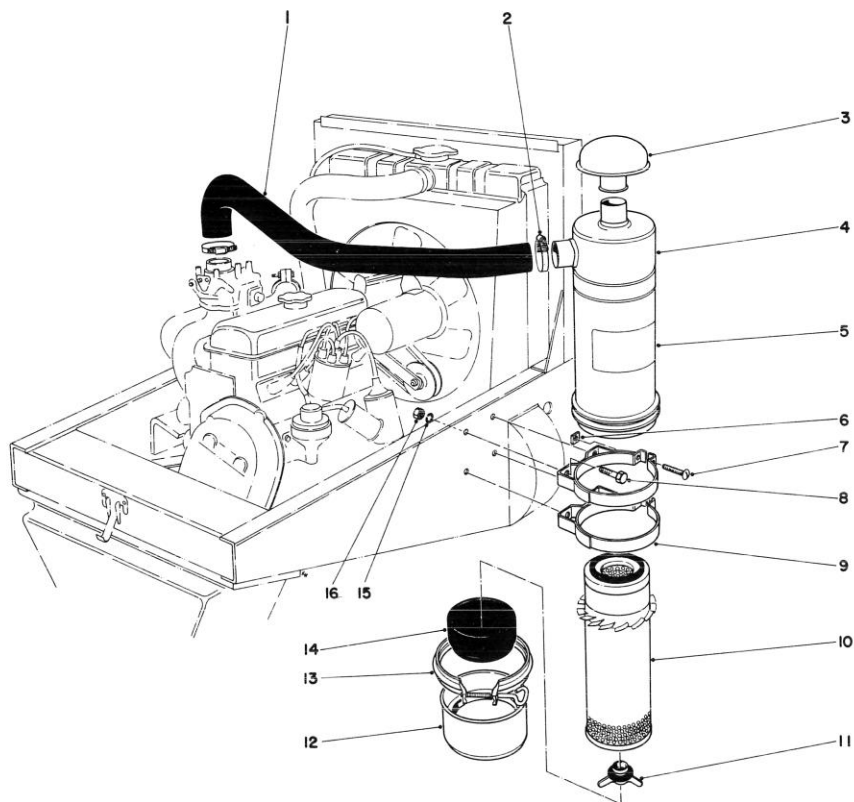


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	21-0340	Lockwasher	6
48	21-0330	Metric Capscrew	6
49	28-9700	Bearing Mount	1
50	32120-69	Snap Ring	1
51	3247-4	Set Screw	2
52	23-1640	Bushing — Taper Lock (Incl. Ref. #51)	1
53	23-1630	Pulley Drive	1
54	23-1620	Output Shaft — Engine	1
55	3257-5	Key Woodruff	1
56	27-7340	Front Engine Support	1
57	302-8	Grease Fitting	1
58	289-40	Pipe Nipple	1
59	21-0360	Metric Nut	4
60	21-0370	Metric Lockwasher	4
61	21-1820	Stud — Belt Retainer	3
62	251-261	Bearing	1
63	32120-22	Snap Ring	1

Ref. No.	Part No.	Description	No. Used
64	21-2260	Engine Adapter Drive	1
65	27-3210	Engine	1
66	27-0370	Fan	1
67	2412-3	Clamp — Hose	1
68	26-6660	Lower Fan Belt	1
69	26-6690	Temperature Gauge Adapter	1
70	2412-42	Clamp Hose	1
71	27-0400	Metric Capscrew	4
72	24-2560	Screw	2
73	24-2490	Spacer	1
74	21-5920	Nut	2
*	27-3210	Engine Continental (Model No. R839-46-15-2004) Complete Except for Item 1-21, 23-24, 26-64 & 66-74	1
Optional			
*	36-3190	Spark Arrestor	1
*	2112-9	Clamp	1
*	8-0939	ENGINE ONLY	
*	27-9650	REGULATOR	
*	770134	B032	

* Not Illustrated

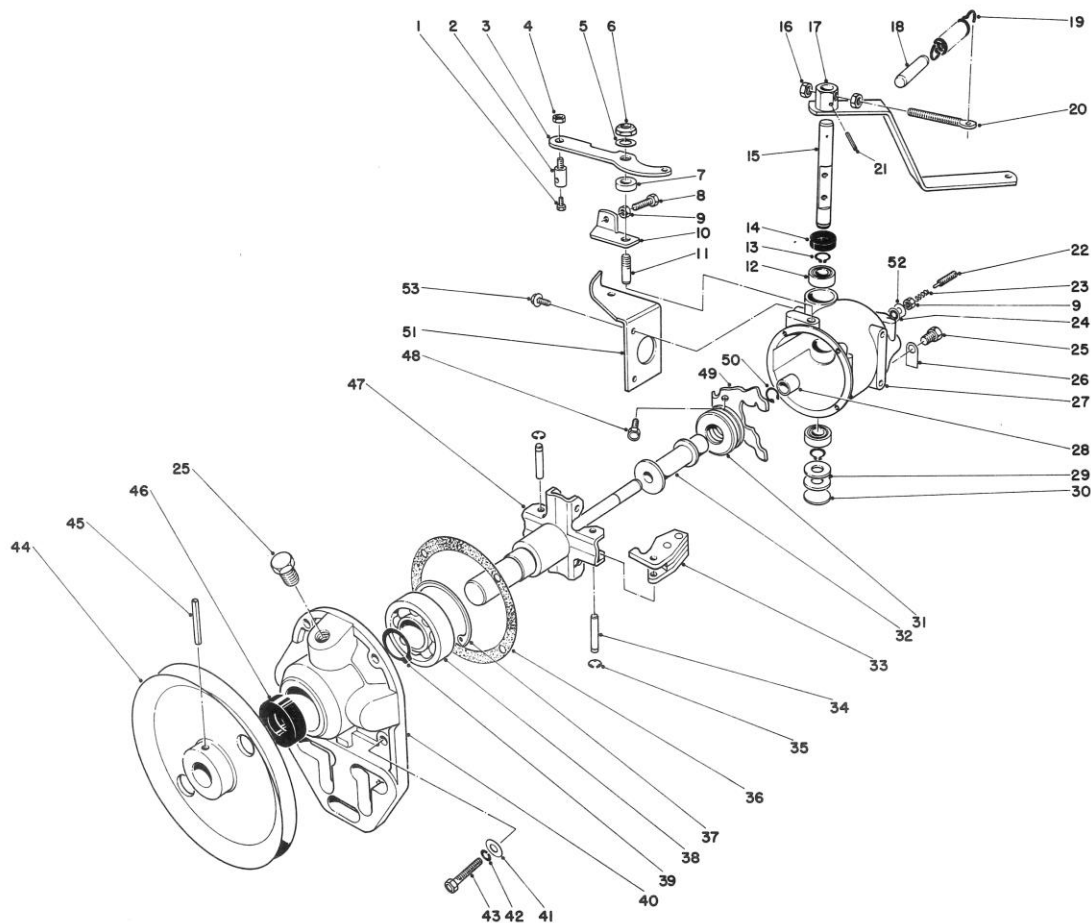


AIR CLEANER ASSEMBLY - 27-7090

Ref. No.	Part No.	Description	No. Used
1	27-7200	Hose Air Cleaner	1
2	2412-42	Hose Clamp	2
3	27-7180	Cap Assembly — Air Inlet	1
4	27-7100	Air Cleaner Assembly (Incl. Ref. #5 & 10-14)	1
5	27-7160	Decal — Instructions	1
6	32107-11	Nut	2
7	3258-19	Round Hd. Machine Screw	2
8	322-3	Capscrew	4

Ref. No.	Part No.	Description	No. Used
9	27-7170	Band Assembly Mounting (Incl. Ref. #6 & 7)	2
10	27-7110	Element Assembly	1
11	27-7120	Nut & Gasket Assembly	1
12	27-7150	Cap Assembly	1
13	27-7130	Clamp Assembly	1
14	27-7140	Skirt Baffle	1
15	3253-4	Lockwasher	4
16	3217-6	Nut	4
*	27-7220	Filter Cleaner	1

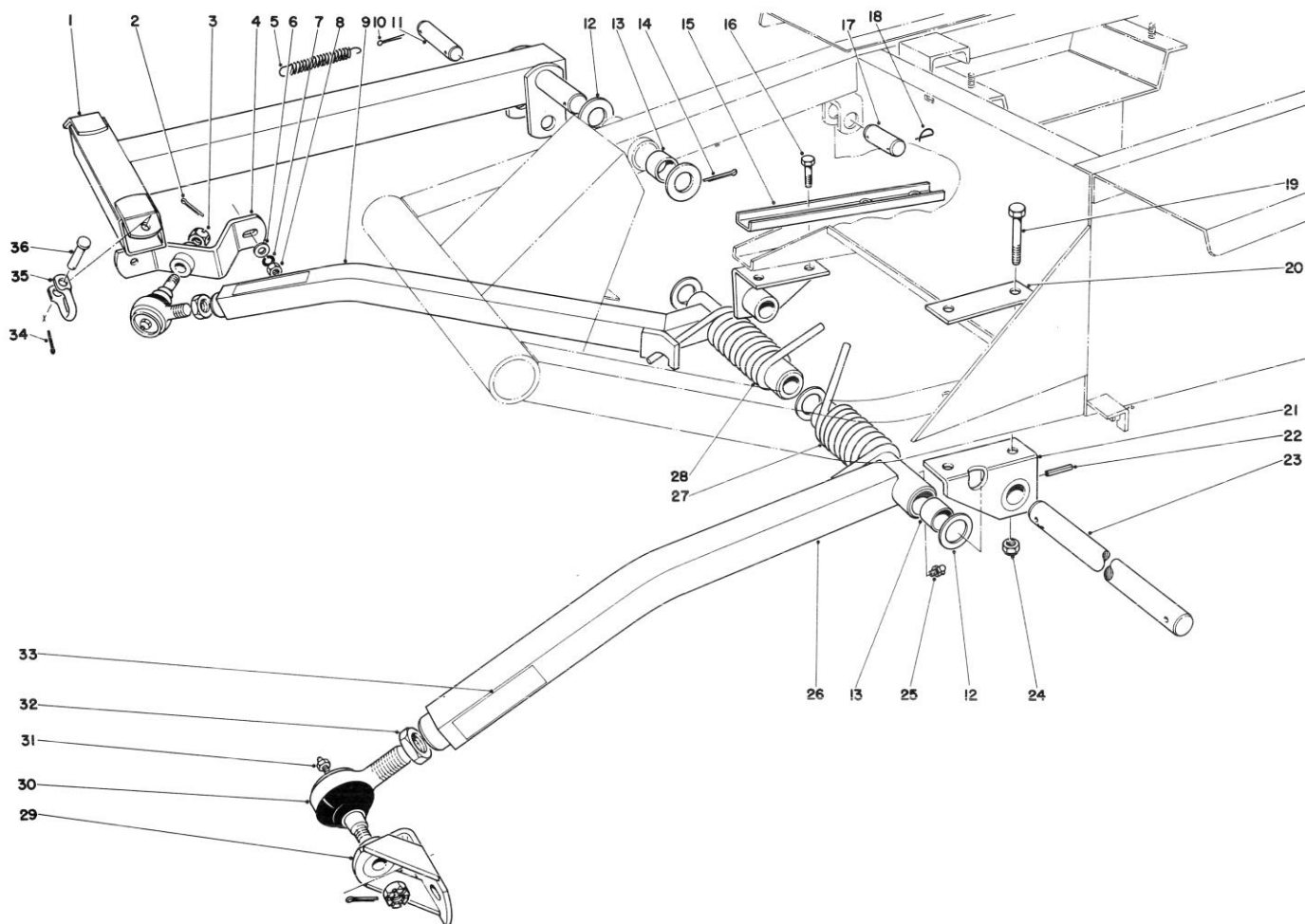
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GOVERNOR ASSEMBLY — 25-7640

Ref. No.	Part No.	Description	No. Used
1	25-8640	Machine Screw	1
2	25-9090	Swivel	1
3	25-9040	Speed Change Lever	1
4	3296-13	Locknut	1
5	25-9110	Washer	1
6	25-8620	Locknut	1
7	25-9010	Spacer	1
8	329-4	Machine Screw	1
9	3219-1	Hex Nut	2
10	25-8940	Stop Bracket	1
11	25-9000	Stud	1
12	25-8600	Bearing	2
13	25-8500	Snap Ring	2
14	25-8550	Oil Seal	1
15	25-8990	Rocker Shaft	1
16	3219-2	Hex Nut	2
17	25-8900	Throttle Lever Assembly	1
18	25-9020	Forced Idle Plug	1
19	25-9050	Spring	1
20	25-8910	Eyescrew	1
21	32121-23	Roll Pin	1
22	25-8920	Bumper Screw	1
23	25-9060	Spring — Bumper	1
24	25-8560	Sealing Washer	1
25	25-8590	Pipe Plug	2
26	25-9080	Oil Level Tag	1
27	25-8930	Body	1

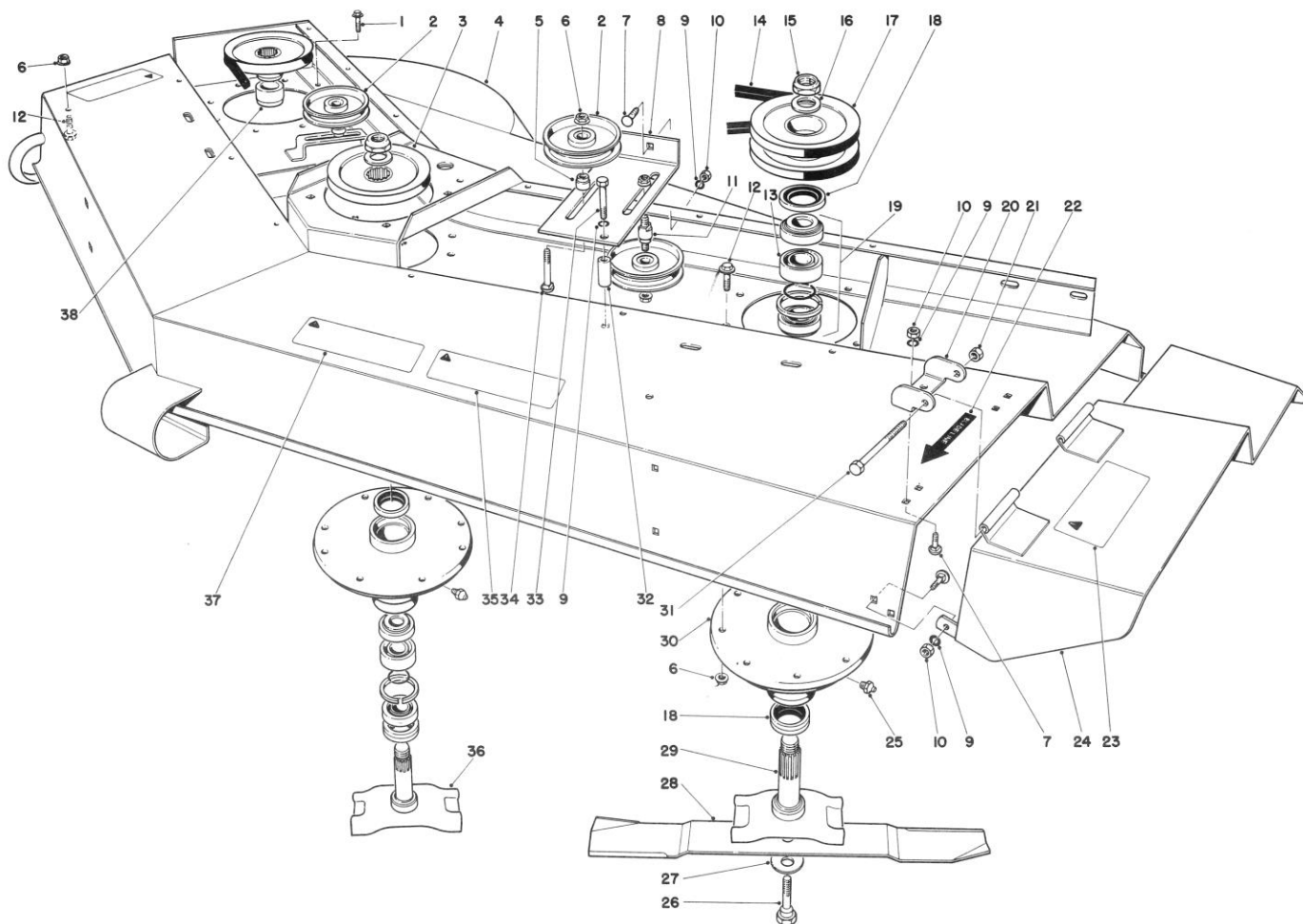
Ref. No.	Part No.	Description	No. Used
28	25-8610	Bushing	1
29	25-9100	Washer	2
30	25-8630	Welch Plug	1
31	25-8580	Thrust Bearing	1
32	25-8960	Thrust Sleeve	1
33	25-8880	Weight Assembly	2
34	25-9030	Weight Pin	2
35	25-8520	"E" Ring	2
36	25-9070	Gasket	1
37	25-8530	Snap Ring	1
38	251-6	Bearing	1
39	25-8510	Snap Ring	1
40	25-8980	Flange	1
41	3256-14	Flat Washer	4
42	3253-17	Lockwasher	4
43	3290-332	Machine Screw	4
44	25-8970	Pulley	1
45	32121-16	Roll Pin	1
46	25-8570	Oil Seal	1
47	25-8890	Spider & Shaft Assembly	1
48	25-9160	Machine Screw	2
49	25-8950	Yoke	1
50	25-8540	Snap Ring	1
51	25-8440	Bracket	1
52	26-7260	Shim Washer	1
53	12-3270	Self Tapping Screw	2



PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-3100	Lift Arm	1
2	3272-11	Cotter Pin	2
3	32136-2	Nut	2
4	21-3020	Ball Joint Mount R.H.	1
5	21-1830	Spring Tension	1
6	3256-25	Flat Washer	1
7	3253-6	Lockwasher	2
8	3217-8	Full Nut	2
9	21-2910	Push Arm R.H. (Incl. Ref. # 13 & 25)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	5-1754	Washer	5
13	256-126	Bushing	6
14	3272-33	Cotter Pin	1
15	23-1950	Support Reinforcement	1
16	324-5	Capscrew	2
17	3-7292	Pin	1
18	5-3126	Spring Pin	3

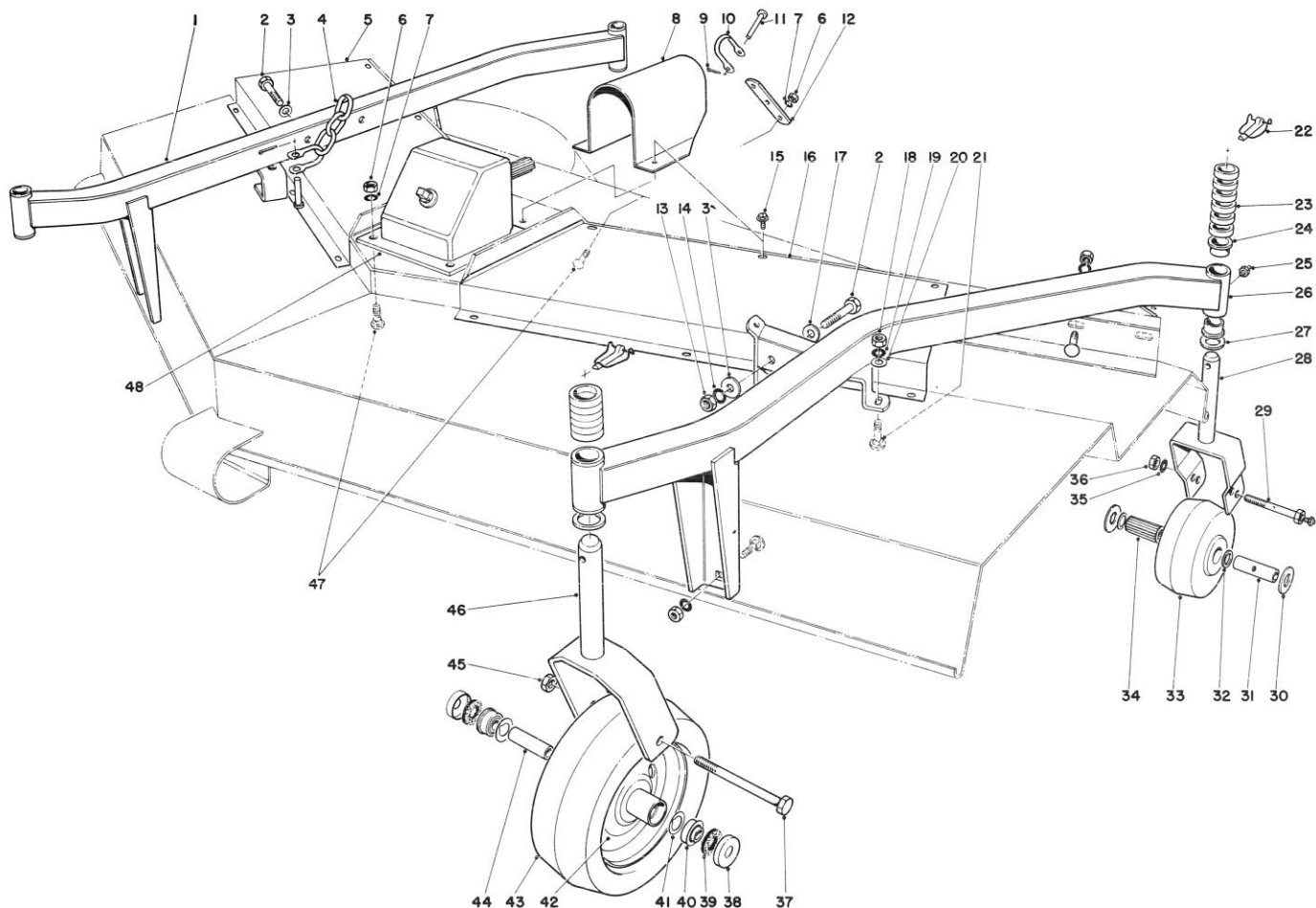
Ref. No.	Part No.	Description	No. Used
19	324-12	Capscrew	2
20	21-3750	Support Plate	1
21	21-2860	Push Arm Bracket	2
22	32121-84	Roll Pin	2
23	21-2990	Shaft Pivot	1
24	3296-48	Nut	4
25	302-33	Grease Fitting	2
26	21-2960	Push Arm L.H. (Incl. Ref. # 13 & 25)	1
27	21-2900	Spring - Torsion L.H.	1
28	21-2890	Spring - Torsion R.H.	1
29	21-3050	Ball Joint Mount L.H.	1
30	21-0160	Ball Joint Assembly	2
31	302-2	Grease Fitting	2
32	21-3000	Jam Nut	2
33	36-4060	Decal Warning	2
34	3272-10	Cotter Pin	3
35	5-2942	Shackle	3
36	283-10	Pin	3



CUTTER DECK AND SPINDLE SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-11	Hex Flange Screw	4
2	26-1840	Idler Pulley	3
3	26-1760	Pulley	2
4	26-1130	Cutter Deck	1
5	26-1860	Spacer — Idler Pulley	2
6	32128-21	Flange Nut	31
7	3231-27	Carriage Bolt	8
8	26-1870	Idler Mount L.H.	1
9	3253-21	Lockwasher	9
10	3217-7	Nut	8
11	26-1850	Stud — Idler	1
12	3234-1	Hex Flange Screw	23
13	26-1730	Spacer Matched Set	3
14	21-0890	V-Belt	3
15	3296-49	Nut	3
16	3-8514	Washer	3
17	26-9100	Pulley L.H.	1
18	253-138	Oil Seal	9
19	26-1830	Bearing Assembly (Matched Set)	3

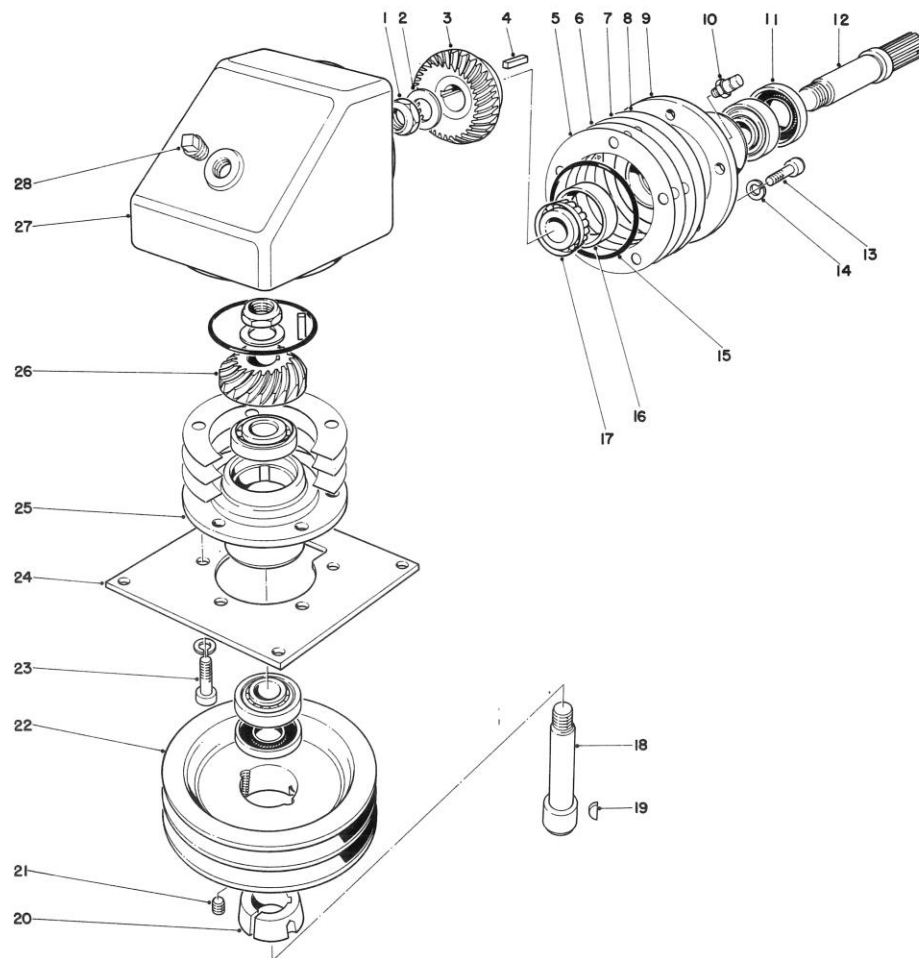
Ref. No.	Part No.	Description	No. Used
20	26-1950	Hinge Bracket	2
21	32146-13	Nut	2
22	26-7120	Blade Line Decal	1
23	26-7980	Decal — Caution Deflector	1
24	26-1910	Deflector	1
25	302-52	Grease Fitting	3
26	26-1820	Capscrew — Grade 8	3
27	26-1990	Washer — Belleville	3
28	29-5530	Blade	3
29	26-1690	Spindle Outer	2
30	26-1630	Spindle Housing	3
31	325-17	Capscrew	2
32	26-1880	Spacer — Idler Mount	1
33	323-12	Capscrew	1
34	3231-29	Carriage Bolt	2
35	26-7970	Decal — Caution	2
36	26-1680	Spindle Center	1
37	26-7960	Decal — Caution Blade Bolt	1
38	26-1790	Spacer R.H. Spindle	1



CUTTING UNIT CASTOR WHEEL AND GEAR BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #24)	1
2	324-12	Capscrew	4
3	3256-5	Flat Washer	4
4	21-3160	Lift Chain	3
5	26-1890	Cover — Deck R.H.	1
6	3217-7	Nut	6
7	3253-21	Lockwasher	6
8	26-2250	Shroud Universal	1
9	3272-10	Cotter Pin	3
10	5-2942	Shackle	3
11	283-10	Pin	3
12	21-3770	Lift Strap	1
13	3217-8	Nut	2
14	3253-6	Lockwasher	2
15	32104-82	Self Tapping Screw	14
16	26-1900	Cover Deck L.H.	1
17	3256-25	Flat Washer	2
18	3217-9	Full Nut	12
19	3253-7	Lockwasher	12
20	3256-26	Flat Washer	4
21	3233-1	Carriage Bolt	12
22	3290-384	Lynch Pin — Safety Type	4
23	26-1580	Spacer 1/2"	24
24	28-9290	Bushing — Special	8

Ref. No.	Part No.	Description	No. Used
25	302-5	Grease Fitting	4
26	26-1430	Caster Arm L.H. (Incl. Ref. #24)	1
27	3-6781	Washer	4
28	26-1560	Castor Fork Rear	2
29	21-3870	Axle	2
30	3256-44	Thrust Washer	4
31	21-1030	Spanner Bushing	2
32	21-3840	Bearing Retainer Seal	4
33	21-3860	Wheel	2
34	21-3850	Roller Bearing	2
35	3254-4	Lockwasher	2
36	3220-5	Jam Nut	2
37	325-21	Capscrew	2
38	3-6778	Axle Slinger	4
39	3-6777	Felt Washer	4
40	251-181	Bearing	4
41	3-6775	Washer	4
42	3-0139	Castor Wheel & Tire (Incl. Ref. #43)	2
43	3-6774	Tire	2
44	3-6776	Spacer	2
45	32146-13	Nut	2
46	26-1530	Castor Fork — Front	2
47	3231-27	Carriage Bolt	6
48	8-0909	Gear Case Assembly	1

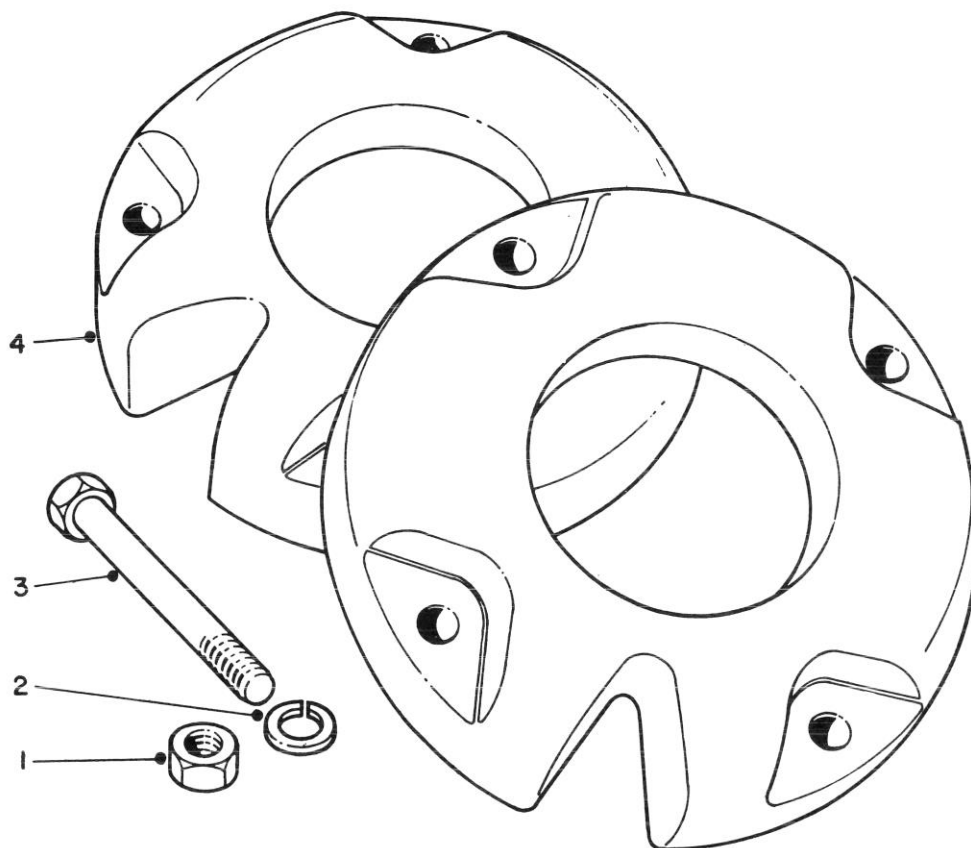


GEAR CASE ASSEMBLY — 8-0909

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut	2
2	3-6514	Thrust — Washer	2
3	26-1340	Gear — Input	1
4	18-6430	Square Key	2
5	26-1350	Shim .002 Thick Red	A/R
6	26-1360	Shim .005 Thick Blue	A/R
7	26-1370	Shim .015 Thick Pink	A/R
8	33-2040	Shim .020 Thick Yellow	A/R
9	26-1290	Bearing Housing — Input	1
10	302-14	Vent Plug	1
11	253-137	Oil Seal	2
12	26-1310	Shaft — Input	1
13	3274-7	Socket Hd. Capscrews	5
14	3253-21	Lockwasher	10
15	237-97	O-Ring	2

Ref. No.	Part No.	Description	No. Used
16	254-90	Bearing Cup	4
17	254-91	Bearing Cone	1
18	26-1320	Shaft — Output	1
19	3257-5	Key Woodruff	1
20	23-1640	Bushing-Taper Lock (Incl. Ref. #21)	1
21	3247-4	Setscrews	2
22	26-1400	Pulley Deck	1
23	3274-1	Socket Hd. Capscrew	5
24	26-1390	Mounting Plate Gear Box	1
25	26-1380	Bearing Housing — Output	1
26	26-1330	Gear — Output	1
27	26-1270	Gear Box	1
28	281-11	Sq. Hd. Pipe Plug W/Magnet	1
*	8-0909	Gear Case Assembly (Incl. Ref. #1-19 & 23-28)	1

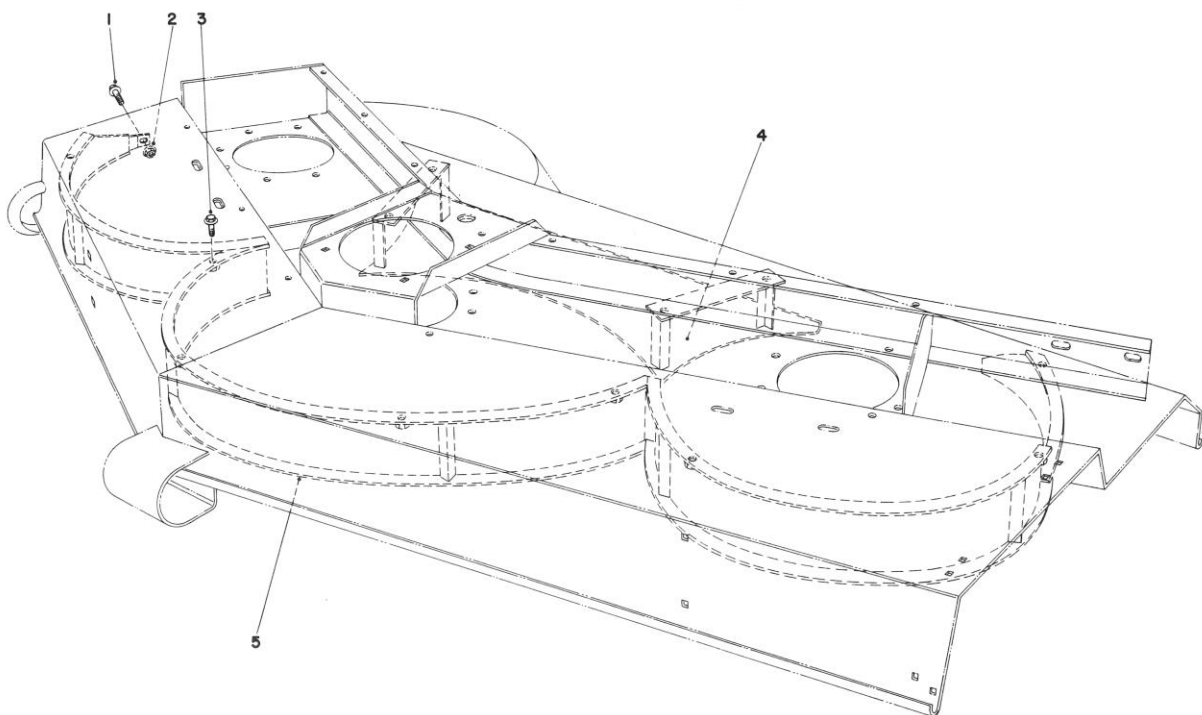
*Not Illustrated



WHEEL WEIGHTS Model No. 11-0440 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3218-5	Nut	8
2	3253-7	Lockwasher	8

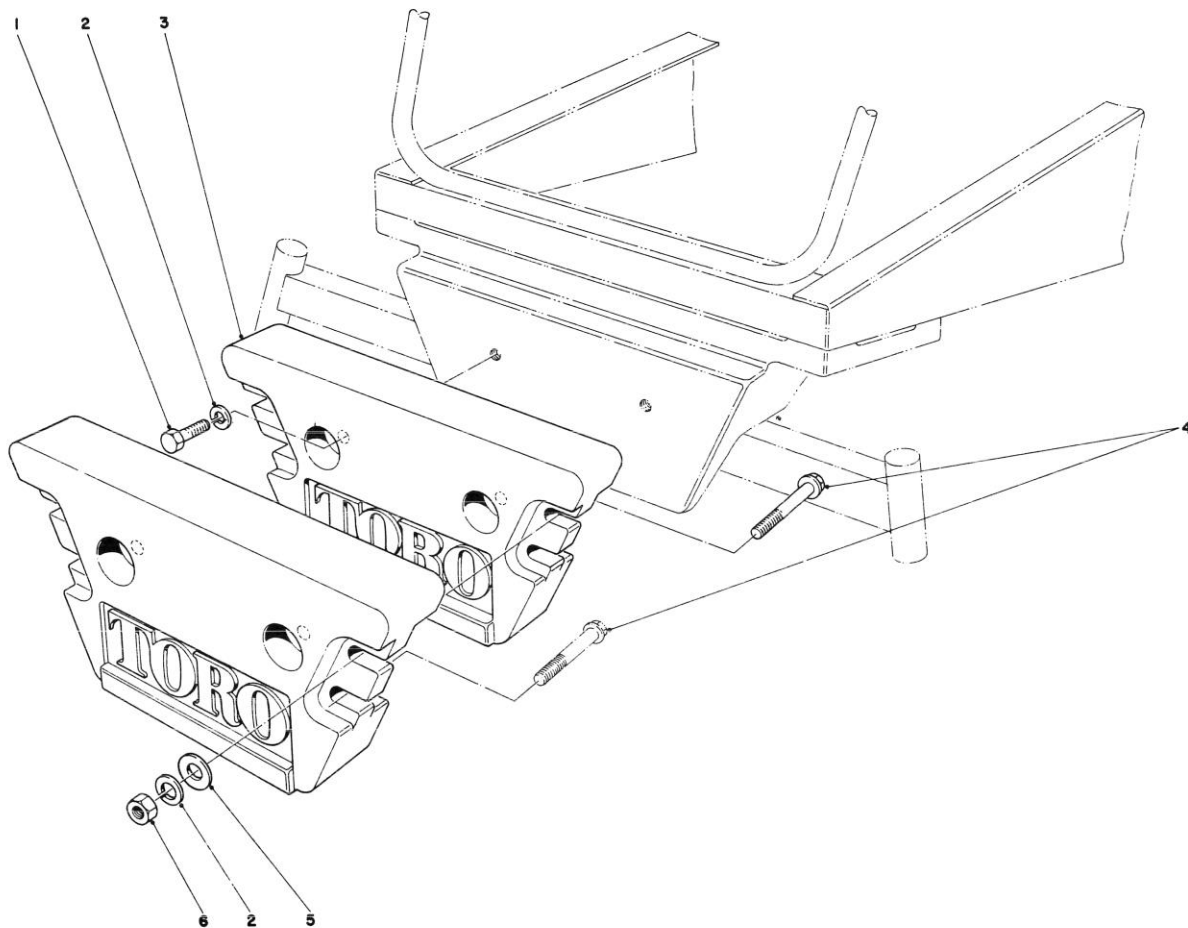
Ref. No.	Part No.	Description	No. Used
3	325-26	Capscrew	8
4	7-2111	Wheel Weight	2



MULCHER KIT Model No. 30732 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3234-11	Hex Flange Screw	1
2	32128-21	Flange Nut	13
3	3234-1	Hex Flange Screw	12

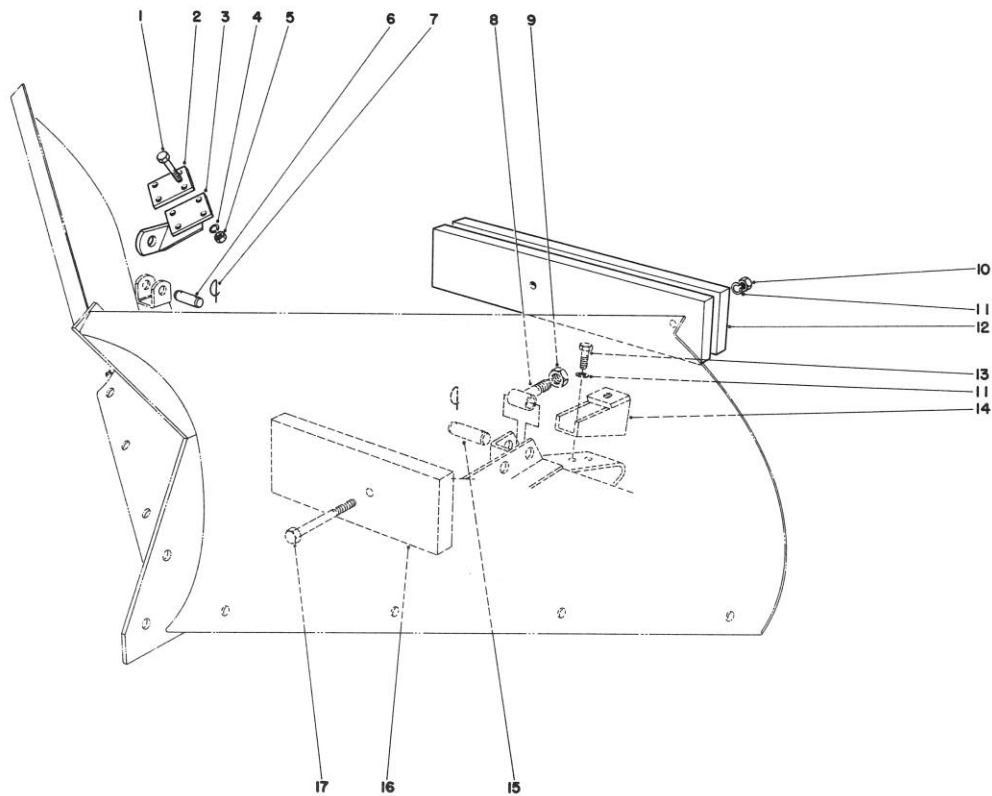
Ref. No.	Part No.	Description	No. Used
4	23-4190	Bottom Rear Shield	1
5	27-5430	Mulcher Screen	1



REAR WEIGHT KIT Model No. 24-5780 (Optional)

Ref. No.	Part No.	Description	No. Used
1	325-6	Capscrew	2
2	3253-7	Lockwasher	6
3	24-5790	Rear Weight	2

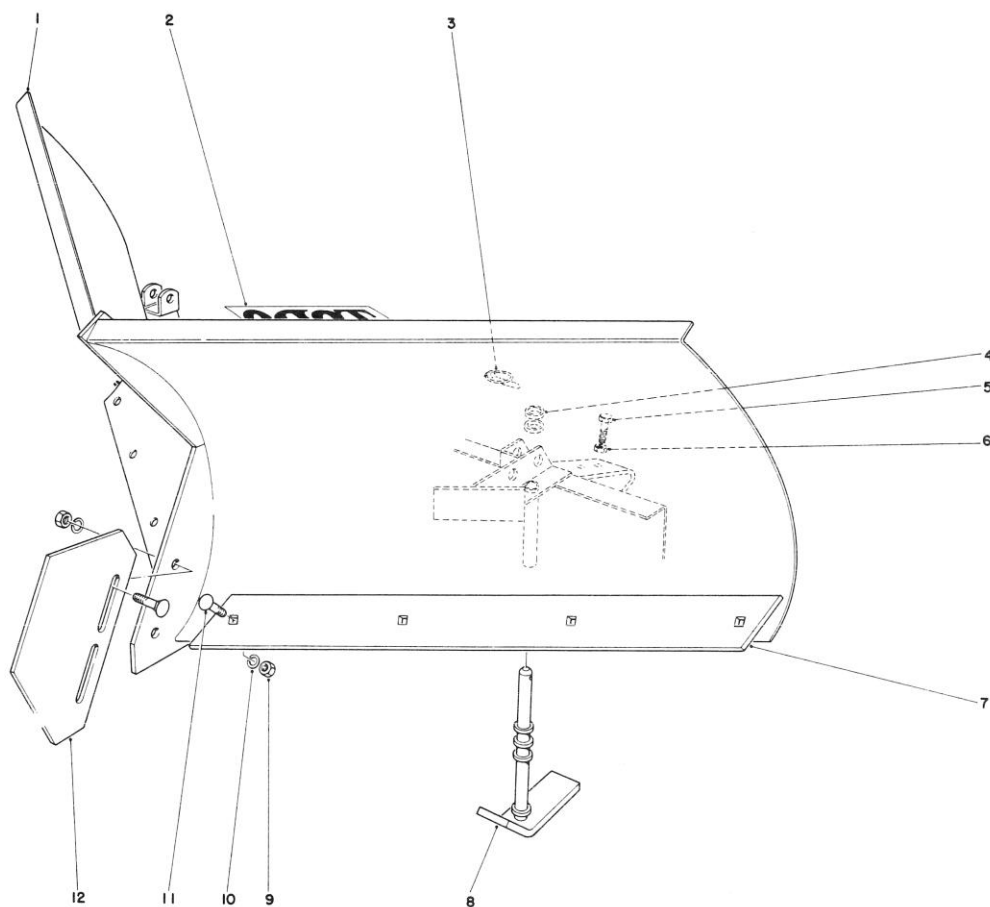
Ref. No.	Part No.	Description	No. Used
4	325-14	Capscrew	4
5	3256-26	Flat Washer	8
6	3217-9	Nut	4



V-PLOW INSTALLATION KIT Model No. 30757 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-14	Capscrew	4	10	3217-9	Nut	2
2	24-2690	Clamp Plate	1	11	3253-7	Lockwasher	4
3	24-2680	Push Arm Bracket	1	12	24-2660	Outside Weight	2
4	3253-21	Lockwasher	4	13	325-4	Capscrew	2
5	3217-7	Nut	4	14	24-2630	Stop	1
6	5-3505	Pin	1	15	25-1350	Pin	1
7	5-3126	Spring Pin	4	16	24-2670	Inside Weight	2
8	23-9930	Push Pin	1	17	325-22	Capscrew	2
9	21-3000	Jam Nut	1	*	11-0390	Chains (1 Pair)	1

*Not Illustrated



V-PLOW Model No. 30750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	23-9960	V-Plow	1
2	18-2180	Decal	1
3	3290-243	Lynch Pin	2
4	20-4370	Spacer Tubes	10
5	325-6	Capscrew	1
6	3218-5	Jam Nut	1

Ref. No.	Part No.	Description	No. Used
7	24-5570	Scraper Blade	2
8	24-5540	Skid	2
9	3217-9	Nut	10
10	3253-7	Lockwasher	10
11	3233-2	Carriage Bolt	10
12	24-5530	Nose Skid	1

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.

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 72" Groundsmaster has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is riveted on main frame located under seat. In any correspondence concerning the 72" Groundsmaster, 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 72" Groundsmaster.
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.

Keep Your TORO All Toro



Insist on Genuine Toro Parts

MAINTENANCE RECORD

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MAINTENANCE RECORD

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MAINTENANCE RECORD

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