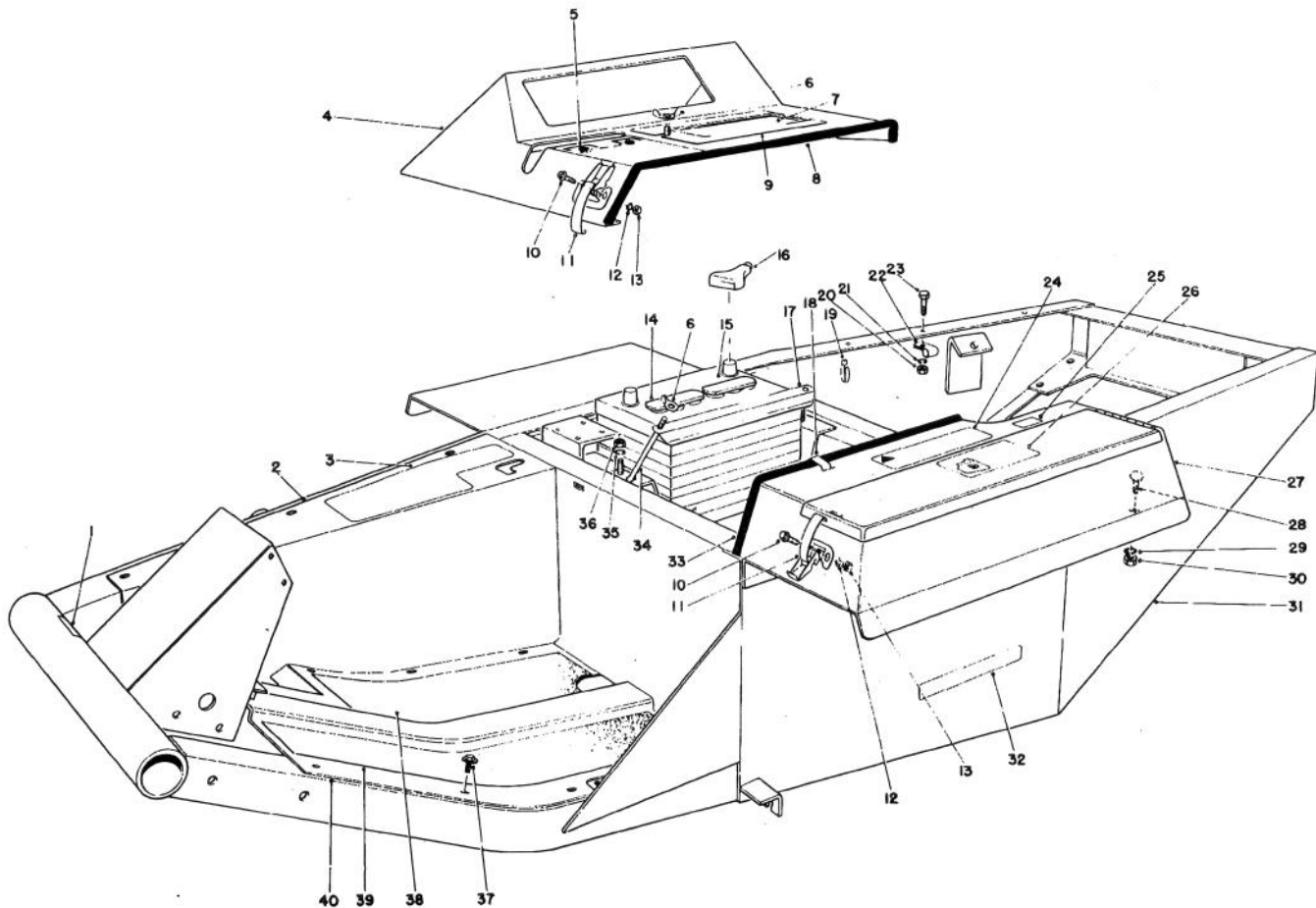


TORO®

MODEL NO. 30781 — 50001 THRU 60001 & UP
 MODEL NO. 30721 — 50001 THRU 60001 & UP
 MODEL NO. 30710 — 50001 THRU 60001 & UP

PARTS CATALOG

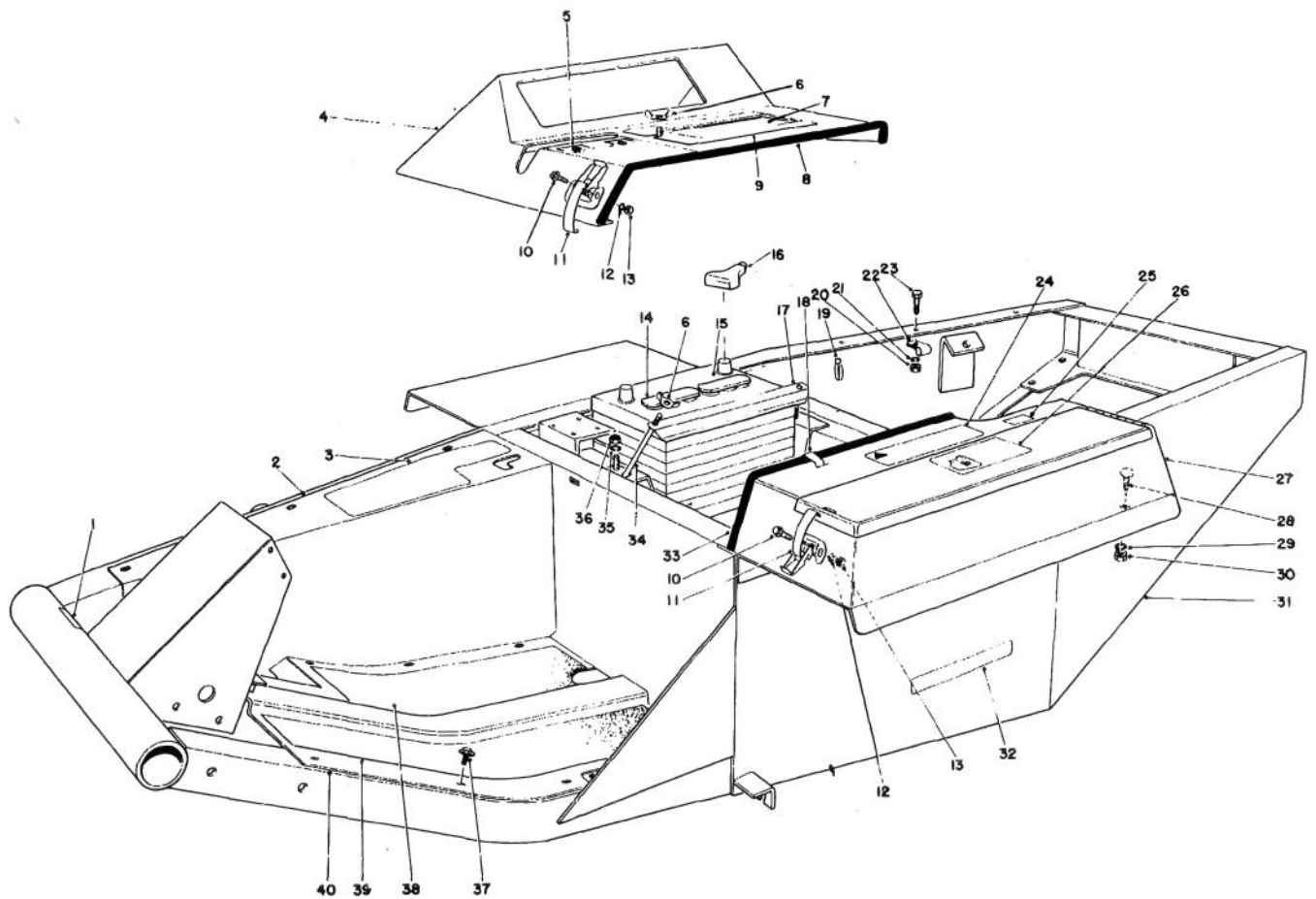
GROUNDMASTER 327



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	38-4550	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	39-8020	Trim	1
9	24-9740	Cover Battery Access	1
10	3290-144	Machine Screw	6
11	249-21	Hook — Clamp	3
12	3253-17	Lockwasher	6
13	3217-26	Nut	6
14	55-7160	Vent Cap	2
15	55-7290	Battery (Incl. Ref. #14)	1

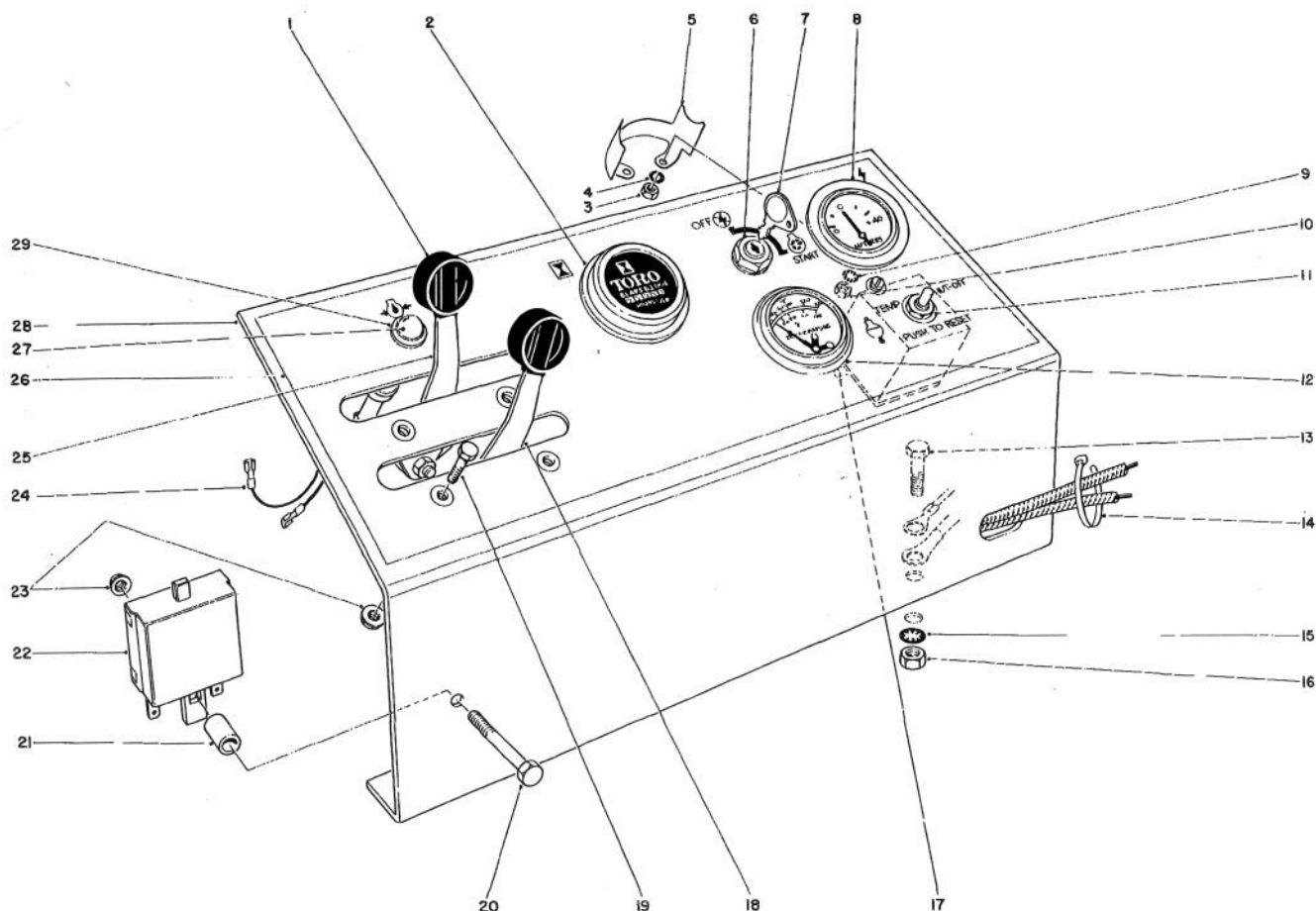
Ref. No.	Part No.	Description	No. Used
16	28-1280	Battery Boot	1
17	24-6420	Hold Down Battery	1
18	2412-61	Clip Tinnerman	2
19	3290-378	Cable Tie	1
20	3217-7	Nut	1
21	3253-21	Lockwasher	1
22	2412-4	Clamp	1
23	323-6	Capscrew	1
24	28-3290	Decal Caution	1
25	53-4420	Decal Gas	1
26	27-7310	Decal Refueling	1
27	38-4530	Tool Box	1
28	3229-10	Carriage Bolt	5
29	3253-3	Lockwasher	5
30	3217-5	Nut	5



MAIN FRAME (Continued)

Ref. No.	Part No.	Description	No. Used
31	38-3760	Frame	1
32	36-8000	Decal Torque	2
33	37-9650	Trim	1
34	24-6390	Stud Battery Hold Down	2
35	3253-4	Lockwasher	2

Ref. No.	Part No.	Description	No. Used
36	3217-6	Nut	2
37	32144-10	Screw Self Tapping	11
38	21-2770	Pad Foot Rest R.H.	1
39	21-2760	Pad Foot Rest L.H.	1
40	23-5220	Floor Plate	1

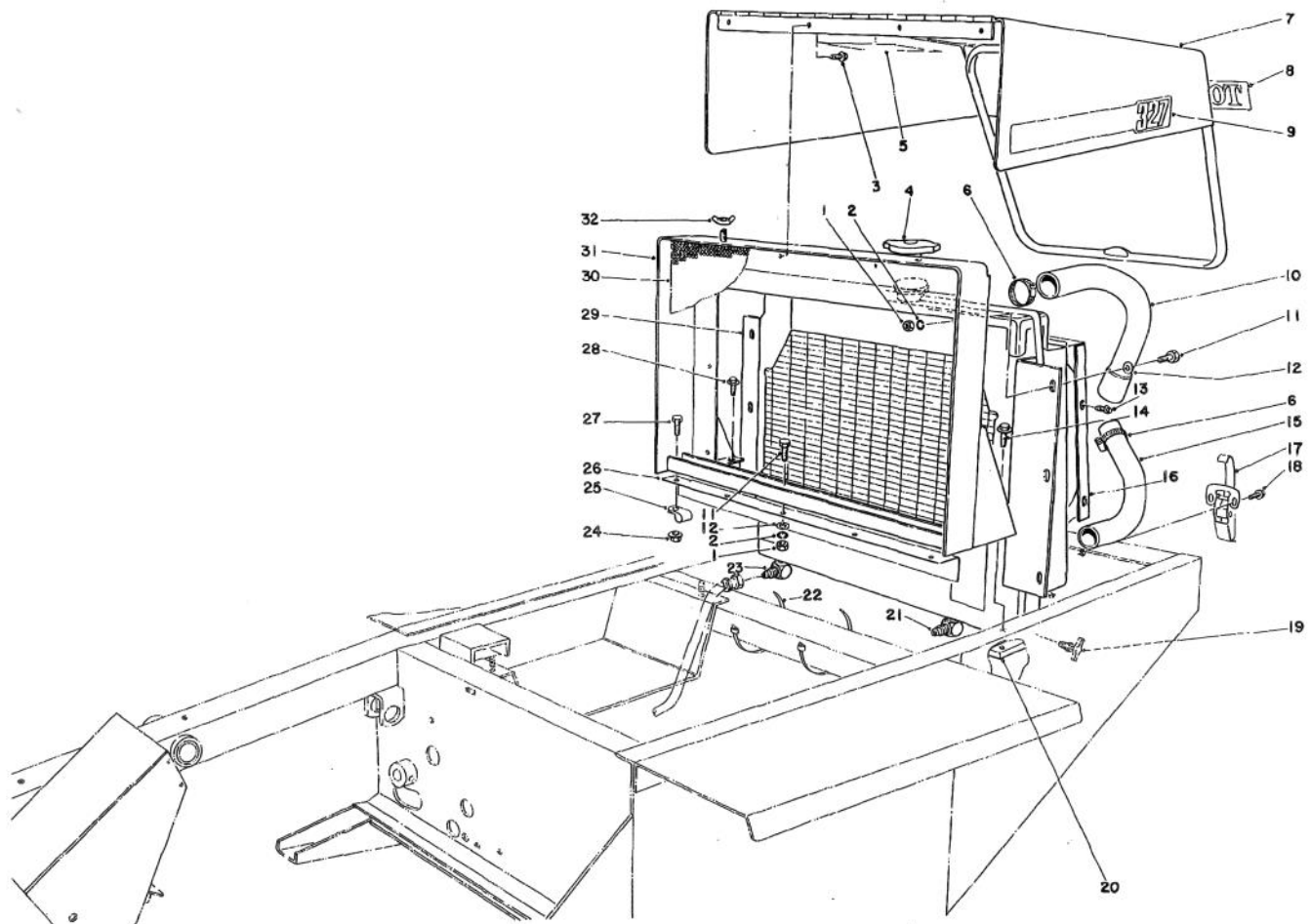


INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-35	Knob Control	2
2	12-9990	Hour Meter	1
3	3217-26	Nut	2
4	3254-1	Lockwasher	2
5	26-4390	Mounting Clamp	1
6	27-2360	Key Switch	1
7	218-412	Key (Set of 2)	1
8	38-1660	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
14	3290-378	Cable Tie	1
15	3254-2	Lockwasher - Int. Tooth	4

Ref. No.	Part No.	Description	No. Used
16	3217-6	Nut	2
17†		Fuse Temp Relay 14 AMP SFE	1
18	28-1590	Throttle Control (Incl. Ref. #1)	1
19	3290-134	Hex Hd. Machine Screw	4
20	3290-360	Hex Hd. Machine Screw	1
21	22-7810	Spacer	1
22	22-7820	Buzzer Assembly	1
23	32128-17	Flange Locknut	5
24	44-2220	Lead Wire	2
25	28-1600	Choke Control (Incl. Ref. #1)	1
26	40-4400	Decal - Instrument Panel	1
27	218-516	Lens	1
28	28-1580	Panel Instrument	1
29	44-2210	Warning Light (Incl. Ref. #27)	1

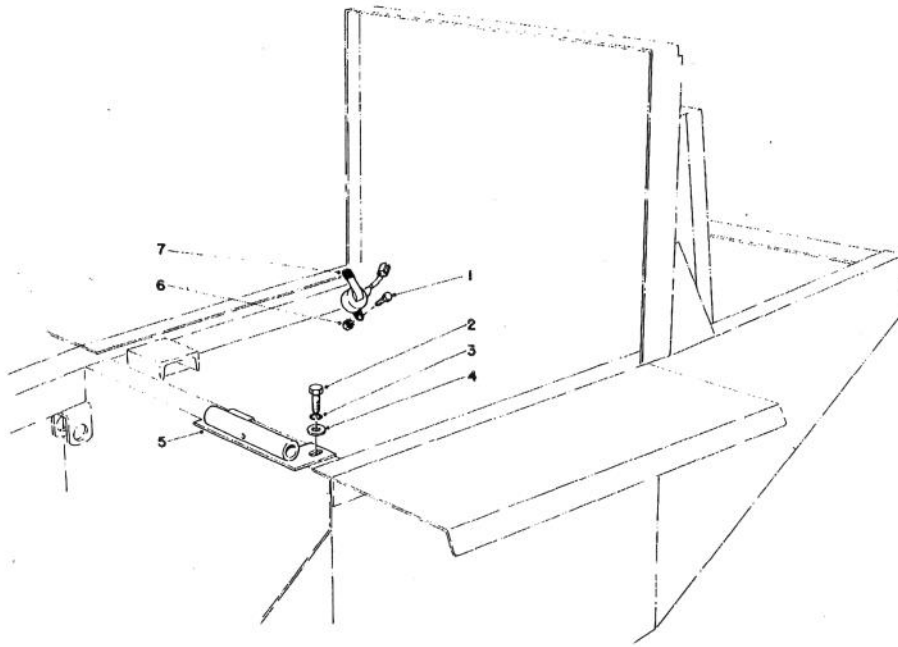
†Obtain locally.



RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-6	Nut	10
2	3253-4	Lockwasher	10
3	32144-10	Screw Self Tapping	4
4	18-2660	Radiator Pressure Cap	1
5	26-7530	Decal Engine Coolant	1
6	2412-3	Hose Clamp	2
7	11-6429	Hood	1
8	18-2180	Decal Toro	1
9	54-7570	Decal Groundsmaster 327	2
10	26-9890	Hose Upper	1
11	322-3	Capscrew	10
12	3256-23	Flat Washer	10
13	46-8560	Screw Hex Hd.	8
14	3234-1	Screw — Hex Flange	2
15	26-9900	Hose Lower	1
16	52-1530	Radiator Shroud	1

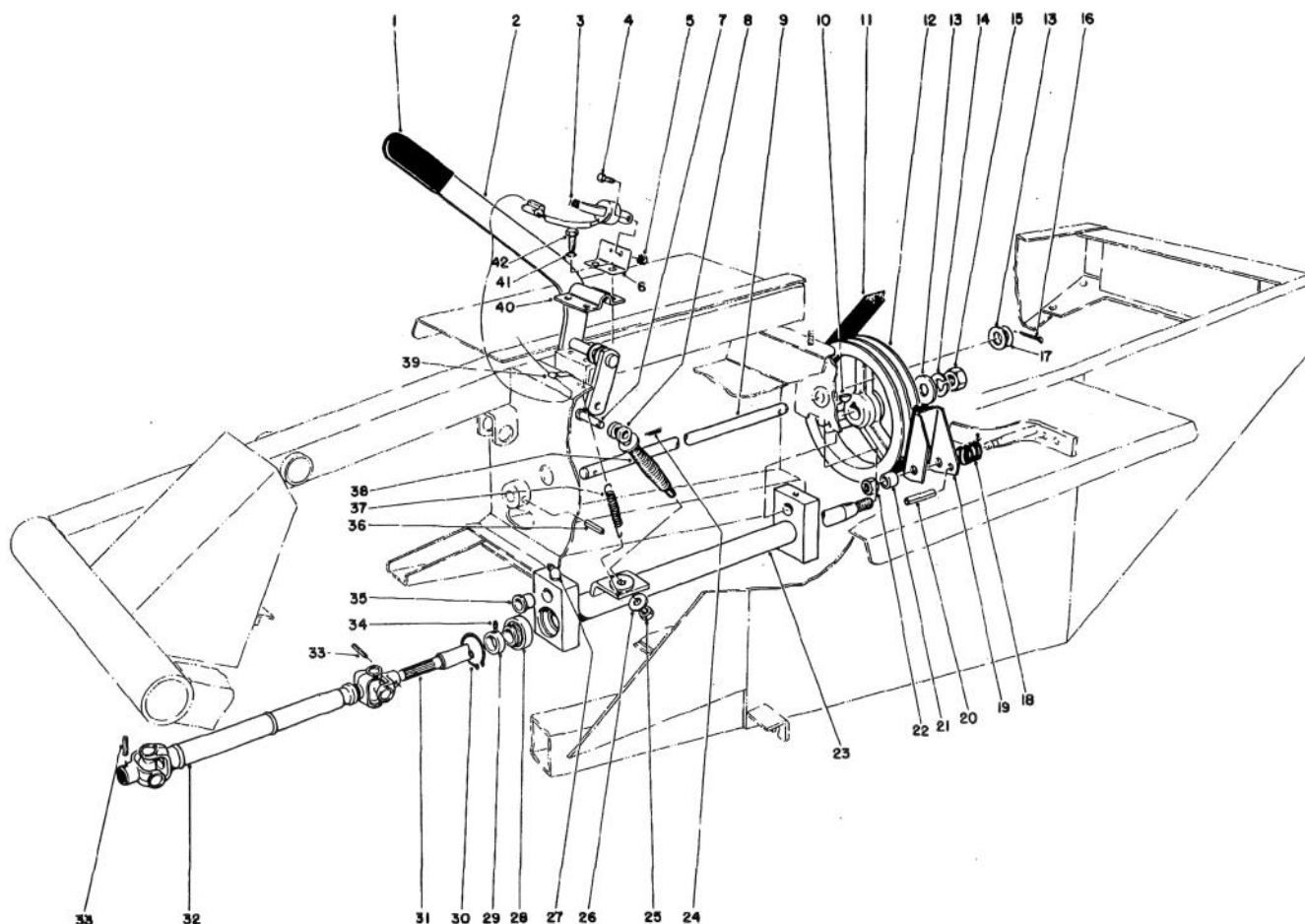
Ref. No.	Part No.	Description	No. Used
17	249-21	Clamp — Hook	1
18	32140-43	Screw	2
19	304-46	Drain Cock	1
20	38-4600	Bar Frame	1
21	353-548	Elbow	1
22	3290-379	Cable Tie	2
23	42-6290	Elbow — Orifice .172	1
24	32128-20	Locknut Flanged	1
25	2412-4	Clamp	1
26	23-1760	Sealing Plate — Grille	1
27	322-5	Capscrew	1
28	11-0590	Capscrew Self Tapping	2
29	52-1500	Radiator Assembly	1
30	23-1770	Grille	1
31	23-1700	Radiator Support	1
32	32103-2	Wing Nut	2



INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-2	Capscrew	1
2	322-5	Capscrew	2
3	3253-4	Lockwasher	2
4	3256-23	Flat Washer	1

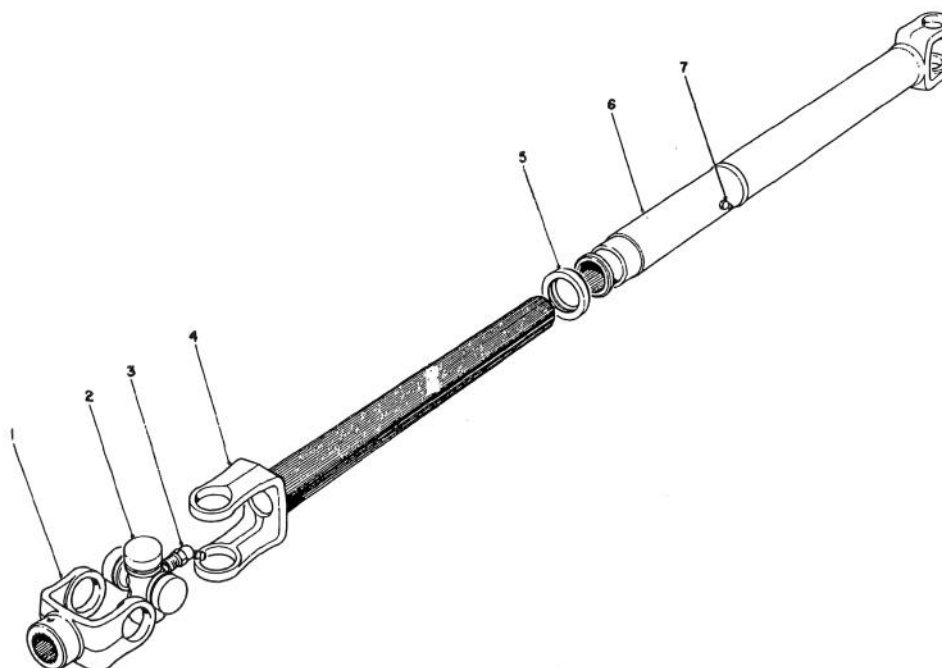
Ref. No.	Part No.	Description	No. Used
5	27-9810	Seat Pivot	1
6	3296-42	Nut	1
7	29-6930	Switch	1



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	53-9660	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	3272-6	Cotter Pin	1
25	3296-26	Locknut	1
26	3256-36	Washer	1
27	302-10	Grease Fitting	2
28	251-261	Ball Bearing	2
29	251-234	Lock Collar (Incl. Ref. #34)	2
30	32120-22	Snap Ring	2
31	23-2010	Shaft — Power Take Off	1
32	21-3090	Drive Shaft Assembly	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

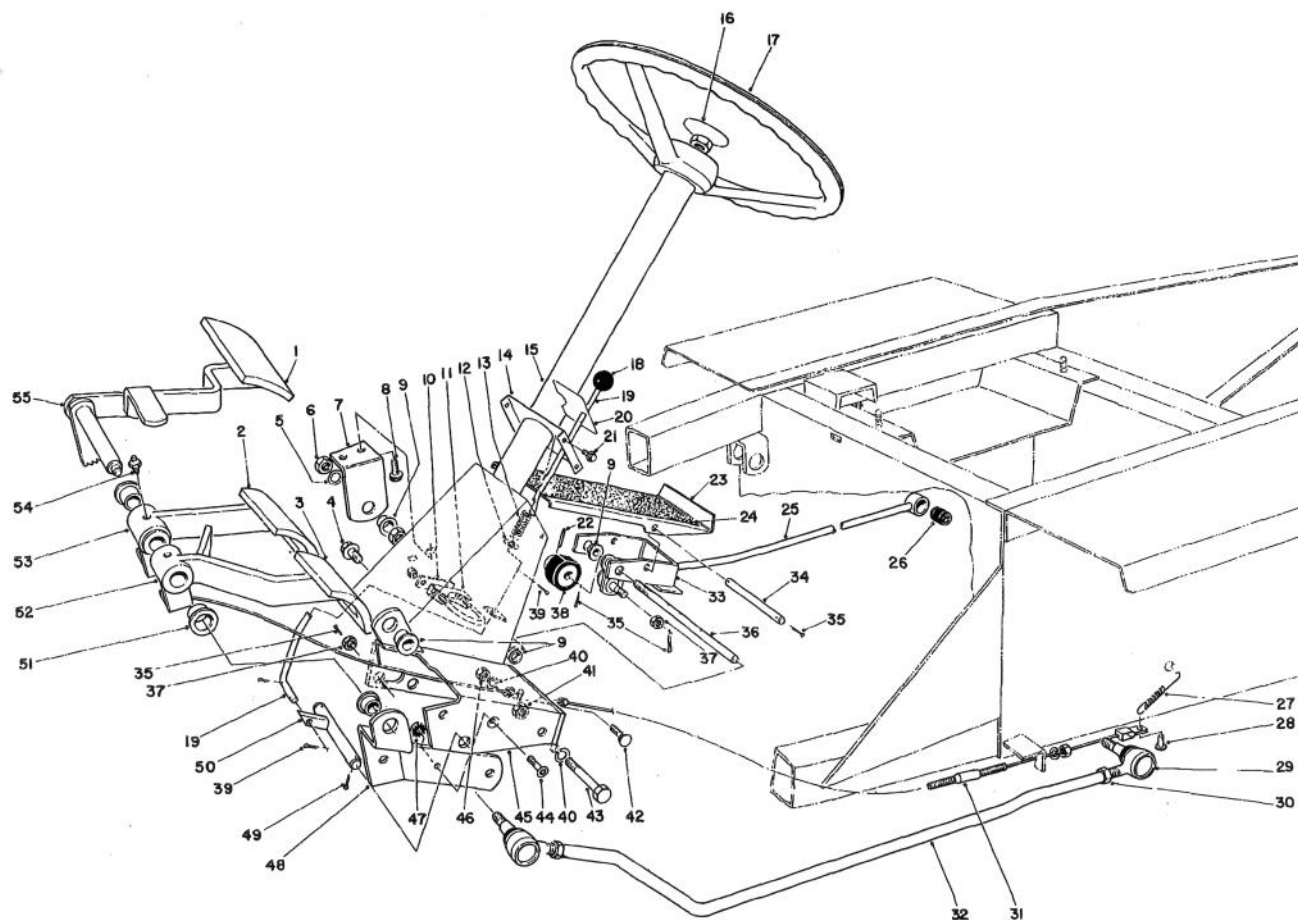


DRIVE SHAFT ASSEMBLY — 21-3090

Ref. No.	Part No.	Description	No. Used
1	21-5960	End Yoke	2
2	21-5970	U-Joint Kit	2
3	2115-80	Grease Fitting	2
4†		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

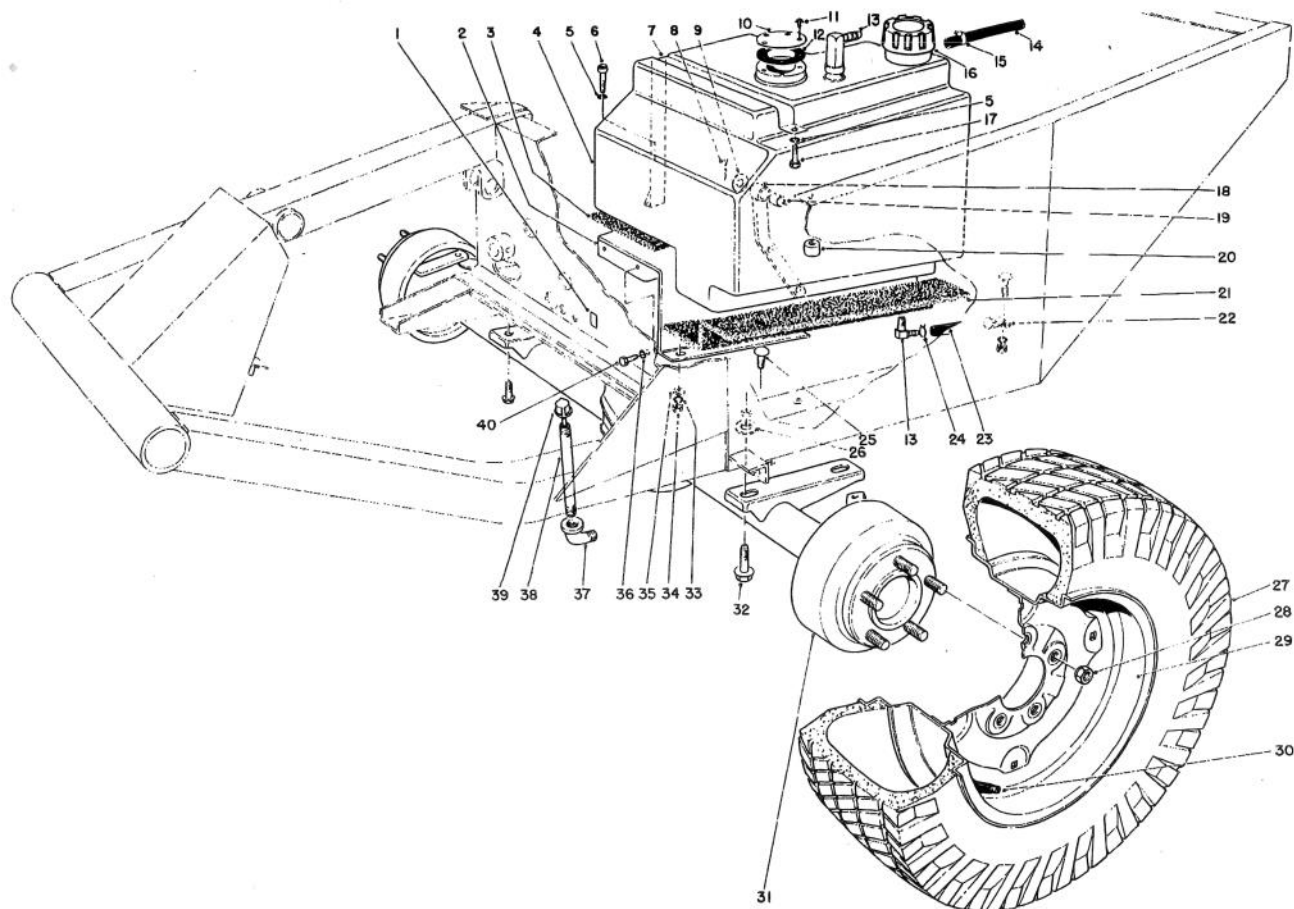
†Not available as a service replacement part.



BRAKE & STEERING GEAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad Brake	1	29	21-0140	Socket Ass'y. (Incl. Ref. #37)	3
2	27-7580	Pad Right Turn	1	30	3220-5	Jam Nut	3
3	27-7570	Pad Left Turn	1	31	21-3380	Brake Cable L.H.	1
4	3234-11	Capscrew	3	*	21-3370	Brake Cable R.H.	1
5	3256-26	Flat Washer	1	32	42-6060	Tube Front Steering	1
6	3218-5	Jam Nut	2	33	28-5160	Pivot Bracket (Incl. Ref. #9)	1
7	21-2850	Pedal Mount R.H.	1	34	28-5240	Pin Traction Pedal	1
8	11-0590	Capscrew Self Tapping	2	35	3272-6	Cotter Pin	7
9	256-156	Bushing	6	36	28-5210	Shaft Traction Pedal	1
10	53-9810	Spacer	1	37	32136-4	Slotted Nut	3
11	2412-76	Clamp — Muffler	1	38	28-5220	Friction Wheel	1
12	3256-22	Flat Washer	1	39	3272-5	Cotter Pin	3
13	3-3251	Compression Spring	1	40	3253-21	Lockwasher	4
14	27-9530	Support Steering Column	1	41	32153-2	Locknut	2
15	33-4350	Steering Gear Assembly	1	42	3231-21	Carriage Bolt	2
16	24-2090	Cap Steering Wheel	1	43	323-13	Capscrew	2
17	24-2000	Steering Wheel	1	44	3274-47	Hex Socket Flat Hd. Capscrew	1
18	233-17	Knob	1	45	27-7590	Brake Mount	1
19	27-7660	Rod Brake Latch	1	46	3217-7	Nut	2
20	27-7300	Decal Parking Brake	1	47	32149-2	Nut	1
21	32144-10	Screw Self Tapping	4	48	27-9270	Brake Pivot Shaft Mount	1
22	32121-16	Roll Pin	1	49	3272-6	Cotter Pin	2
23	28-5190	Pedal Traction	1	50	27-7640	Brake Latch Shaft	1
24	28-5130	Pad Pedal	1	51	256-10	Bushing	4
25	23-2240	Pump Control Rod	1	52	27-7490	Brake Pedal L.H. (Incl. Ref. #51)	1
26	23-2270	Rubber Bushing	1	53	27-7510	Brake Pedal R.H. (Incl. Ref. #51)	1
27	3-7243	Spring Extension	2	54	302-5	Grease Fitting	2
28	283-58	Clevis Pin	2	55	27-8550	Parking Brake Pedal	1

*Not Illustrated

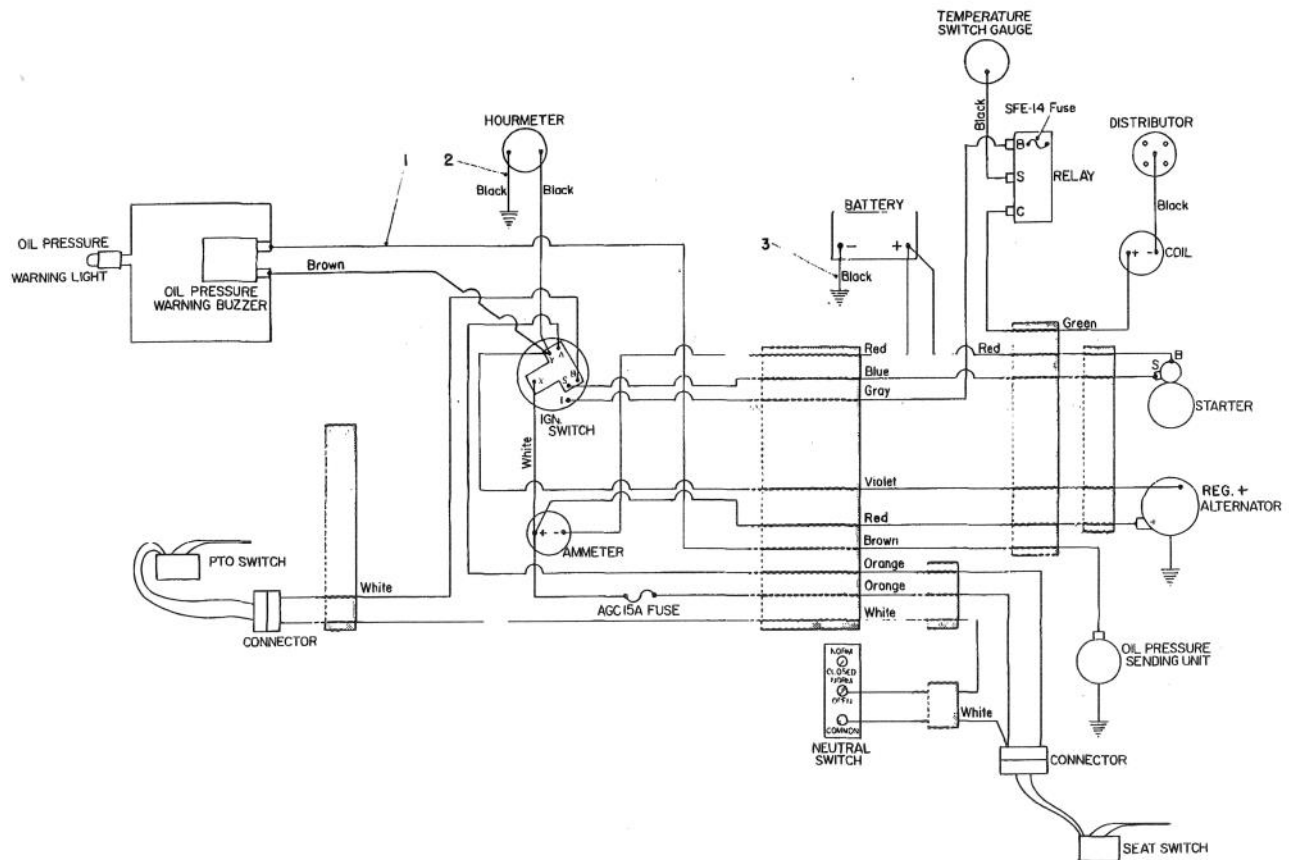


FRONT AXLE AND GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	53-4430	Decal Oil	1
2	23-2100	Gas Tank Base	1
3	21-3600	Foam Tank Support	1
4	43-9110	Gas Tank (Incl. Ref. #13)	1
5	3253-3	Lockwasher	2
6	3274-51	Socket Hd. Capscrew	1
7	37-9550	Strap — Gas Tank	1
8	3272-13	Cotter Pin	1
9	10-8110	Thrust Washer	1
10	43-9060	Cover Fuel Tank Opening	1
11	32144-34	Screw Self Tapping	5
12	18-2380	Gasket	1
13	353-536	Fitting	2
14	37-9560	Hose — Vent Gas Tank	1
15	2412-36	Hose Clamp	1
16	55-3574	Gas Cap	1
17	321-6	Capscrew	1
18	23-2080	Steering Link (Incl. Ref. #19)	1
19	256-237	Bushing	1
20	22-7810	Spacer	1

Ref. No.	Part No.	Description	No. Used
21	21-3610	Foam — Tank Support	1
22	2412-41	Clamp	1
23	23-2140	Fuel Line	1
24	2412-6	Clamp	1
25	3230-2	Carriage Bolt	3
26	42-6080	Shim Axle	A/R
27	231-101	Tire	2
28	23-7270	Wheel Nut	10
29	217-105	Wheel	2
30	232-27	Valve Stem w/Cap	2
31	43-7630	Axle	1
32	32144-67	Capscrew — Thread Forming	4
33	3253-4	Lockwasher	3
34	3217-6	Nut	3
35	3256-23	Washer	2
36	3253-21	Lockwasher	2
37	2811-9	Street Elbow	1
38	289-37	Pipe Nipple	1
39	23-5180	Dipstick	1
40	32104-6	Screw Self Tapping	2
*	231-90	Tire Inner Tube	2

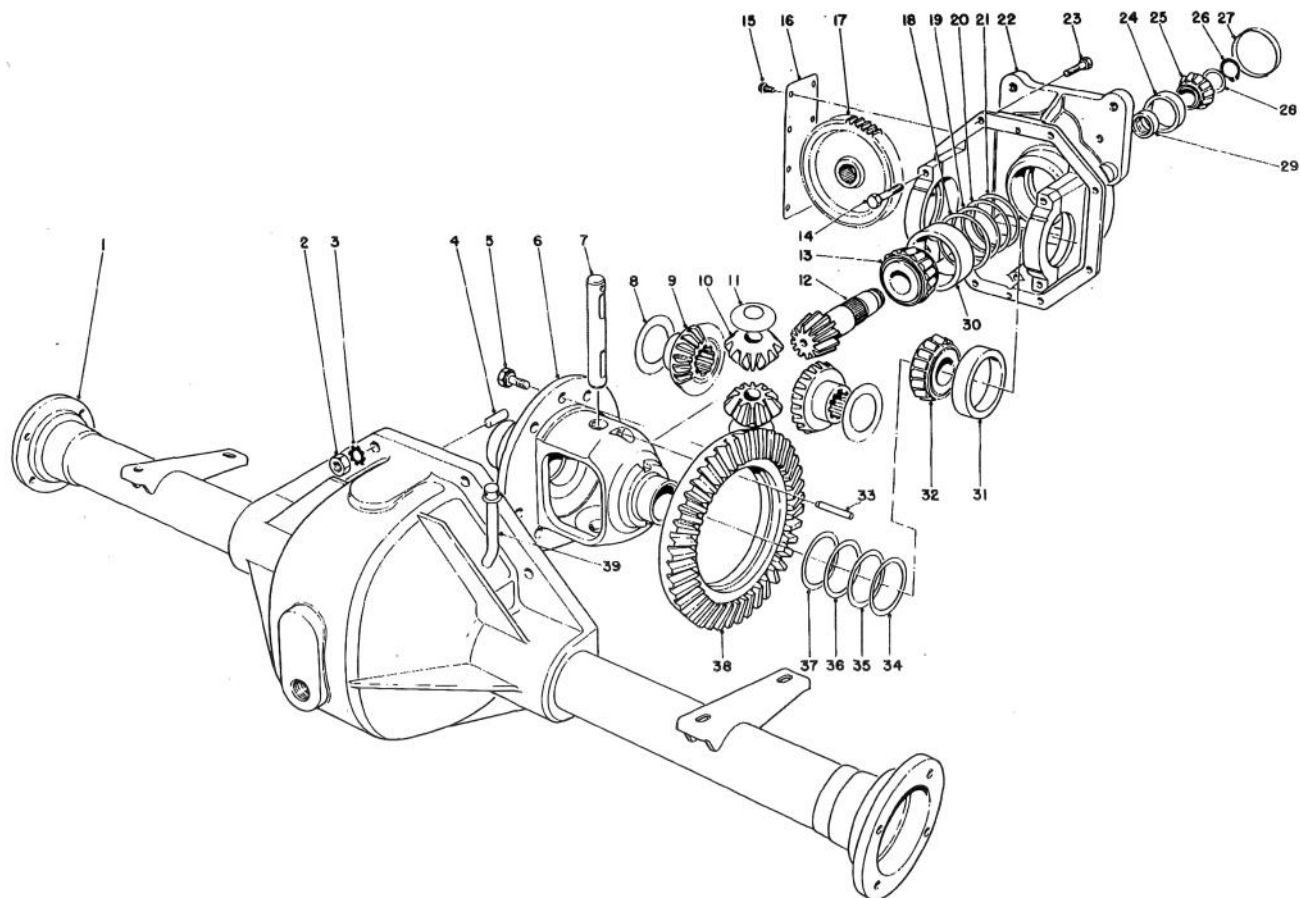
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ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	49-8280	Wire Harness	1
2	21-2370	Wire — Hour Meter Ground	1

Ref. No.	Part No.	Description	No. Used
3	218-219	Ground Cable	1

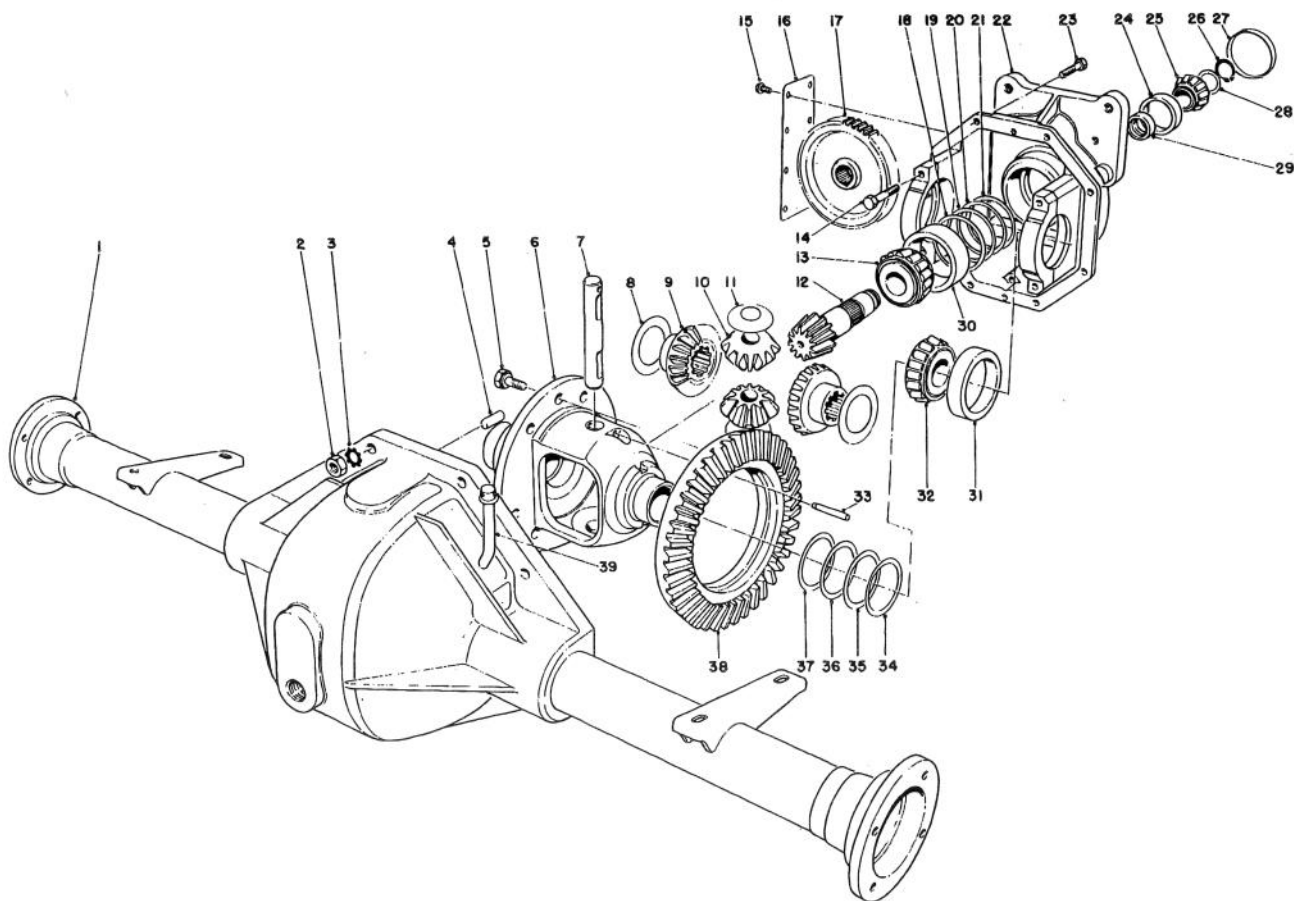


DIFFERENTIAL ASSEMBLY — 43-7630

Ref. No.	Part No.	Description	No. Used
1	43-6840	Lower Housing	1
2	3219-2	Nut	8
3	3255-8	Lockwasher	8
4	21-8270	Dowel Pin	2
5	21-7770	Drive Gear Screw	5
6	21-7670	Differential Case	1
7	21-7700	Pinion Mate Shaft	1
8	21-7720	Thrust Washer	2
9	24-8790	Differential Bevel Gear Side	2
10	21-7690	Pinion Gear	2
11	21-7730	Thrust Washer	2
12		Drive Pinion (Incl. Ref. #38)	1
13	43-6760	Tapered Roller Bearing Cone	1
14	324-23	Capscrew	4
15	12-5450	Thread Forming Screw	8
16	21-7830	Gear Cover	1
17	21-8150	Spur — Gear	1
18	43-6710	Differential—Adjust. Shim .003	A/R
19	43-6711	Differential—Adjust. Shim .005	A/R
20	43-6712	Differential—Adjust. Shim .010	A/R
21	43-6713	Differential—Adjust. Shim .030	A/R
22	43-6540	Upper Housing (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
23	3210-7	Capscrew	8
24	254-90	Bearing Cup	1
25	254-91	Bearing Cone	1
26	43-6550	Snap Ring	1
27	21-7850	Cup Plug	1
28	46-2210	Shim Front Pinion Bearing .031	A/R
*	46-2211	Shim Front Pinion Bearing .033	A/R
*	46-2212	Shim Front Pinion Bearing .035	A/R
*	46-2213	Shim Front Pinion Bearing .037	A/R
*	46-2214	Shim Front Pinion Bearing .039	A/R
*	46-2215	Shim Front Pinion Bearing .041	A/R
*	46-2216	Shim Front Pinion Bearing .043	A/R
*	46-2220	Shim Front Pinion Bearing .045	A/R
*	46-2221	Shim Front Pinion Bearing .047	A/R
*	46-2222	Shim Front Pinion Bearing .049	A/R
*	46-2223	Shim Front Pinion Bearing .051	A/R
*	46-2224	Shim Front Pinion Bearing .053	A/R
*	46-2225	Shim Front Pinion Bearing .055	A/R
*	46-2226	Shim Front Pinion Bearing .057	A/R
29	21-8020	Front Pinion Bearing — Spacer	1
30	43-6750	Tapered Roller Bearing Cup	1
31	254-66	Cup — Tapered Bearing	2

*Not Illustrated

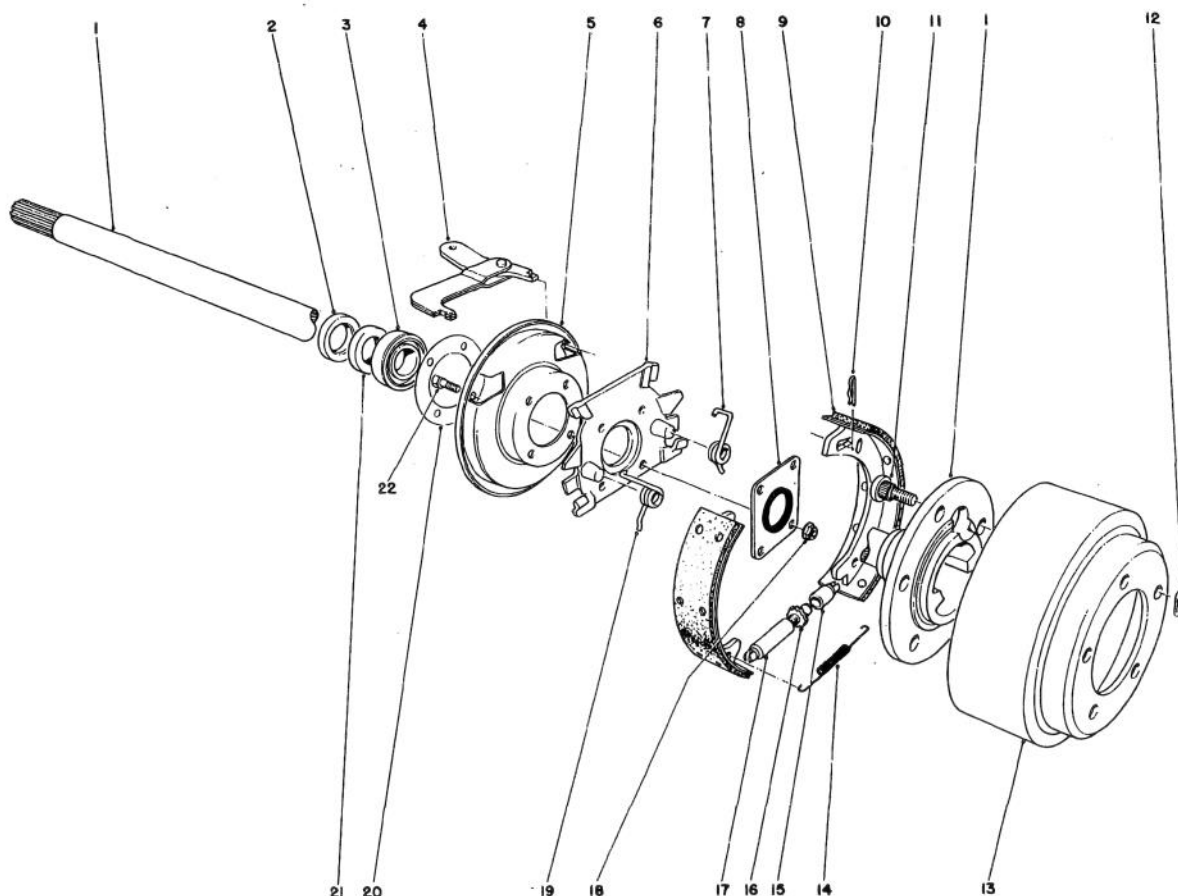


DIFFERENTIAL ASSEMBLY — 43-7630 (Continued)

Ref. No.	Part No.	Description	No. Used
32	254-65	Cone — Tapered Bearing	2
33	32121-15	Roll Pin	1
34	21-8090	Differential Adjust. Shim .003	A/R
35	21-8100	Differential Adjust. Shim .005	A/R
36	21-8110	Differential Adjust. Shim .010	A/R

Ref. No.	Part No.	Description	No. Used
37	21-8120	Differential Adjust. Shim .030	A/R
38		Ring Gear	1
39	21-8230	Vent Tube Assembly	1
*	43-6510	Gear & Pinion Assembly (Incl. Ref. #12 & 38)	1

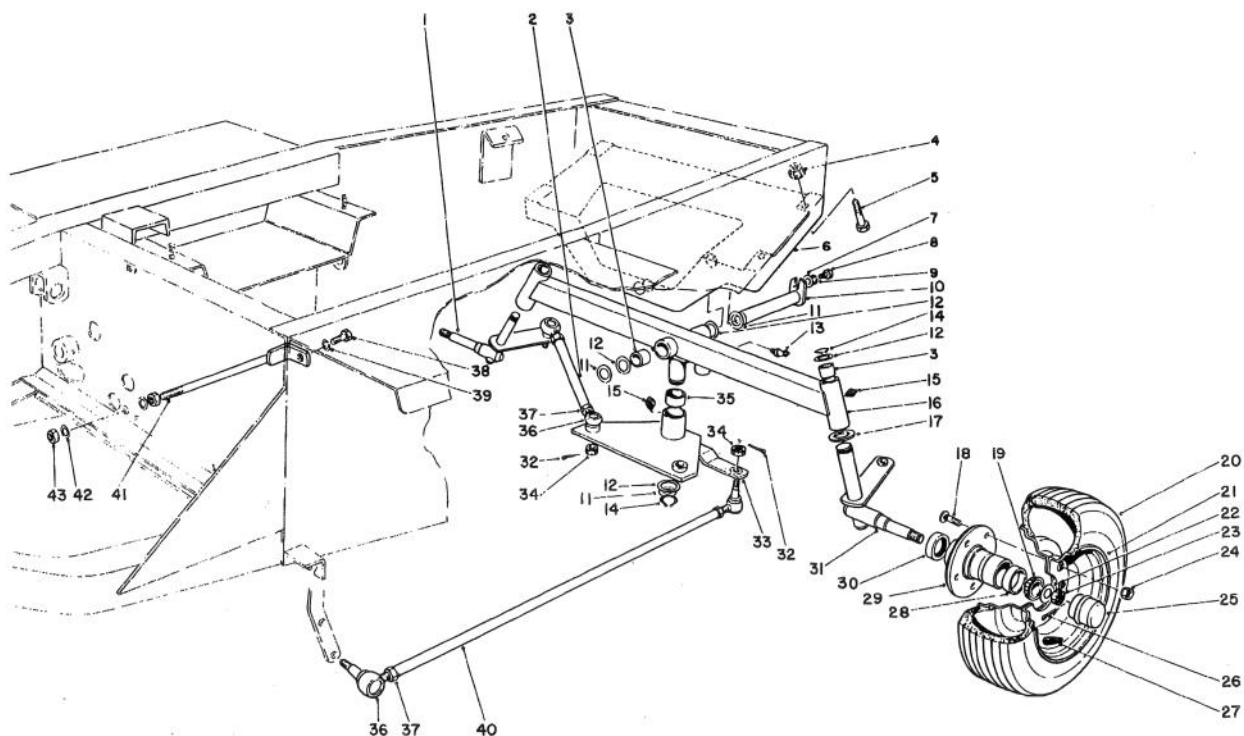
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BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28-0650	Flanged Axle Shaft	2
2	21-8330	Oil Seal	2
3	21-8180	Bearing	2
4	24-9180	Strut & Lever Parking Brake	2
5	21-9450	Dust Shield	2
6	43-6810	Torque - Spider	2
7	21-9430	Spring - Shoe Return R.H.	2
8	28-0670	Oil Seal	2
9	43-2690	Shoe & Lining Assembly	4
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	43-6800	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

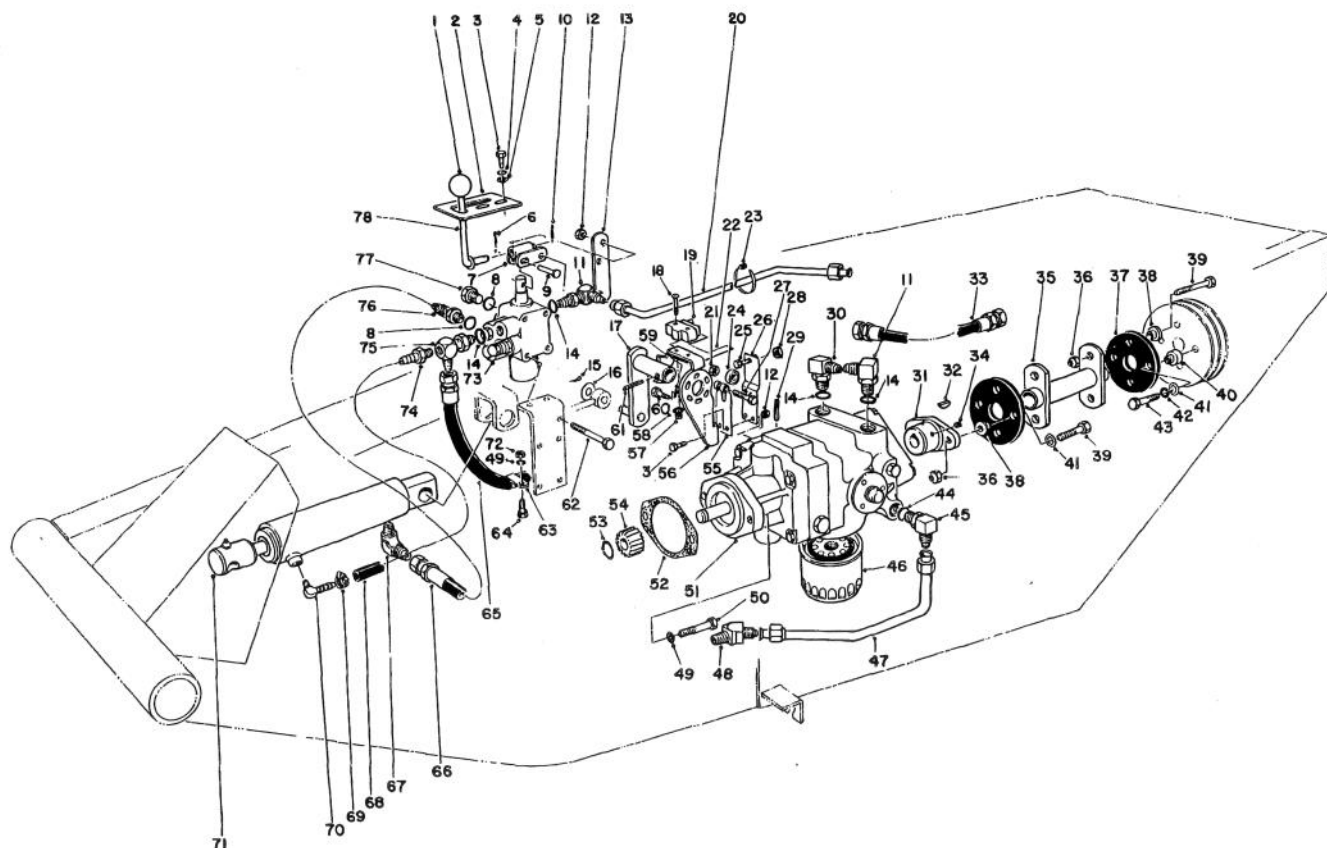


REAR AXLE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	39-8040	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	5-1226	Washer	3
12	10-8110	Thrust Washer	5
13	302-11	Grease Fitting	1
14	32151-36	Ring Retaining	3
15	302-5	Grease Fitting	3
16	33-2890	Rear Axle (Incl. Ref. #3)	1
17	256-121	Thrust Bushing	2
18	10-6830	Drive Stud	10
19	254-94	Bearing Cone	4
20	231-105	Tire	2
21	217-106	Wheel	2
22	3256-28	Washer	2
23	32136-5	Nut Slotted	2
24	242-50	Wheel Nut	10
25	241-119	Dust Cap	2

Ref. No.	Part No.	Description	No. Used
26	3272-13	Cotter Pin	2
27	232-27	Valve Stem W/Cap	2
28	254-72	Bearing Cup	4
29	21-2820	Wheel Hub (Incl. Ref. #18 & 28)	2
30	253-129	Oil Seal	2
31	39-8050	Spindle Assembly L.H.	1
32	3272-6	Cotter Pin	6
33	46-8830	Rear Steering Pivot (Incl. Ref. #35)	1
34	32136-4	Slotted Nut	6
35	256-242	Bushing	2
36	21-0140	Socket R.H. Thread (Incl. Ref. #34)	3
*	21-0150	Socket L.H. Thread (Incl. Ref. #34)	3
37	3220-5	Jam Nut R.H. Thread	3
*	3220-12	Jam Nut L.H. Thread	3
38	323-6	Capscrew	1
39	3253-21	Lockwasher	1
40	21-2100	Rear Steering Rod	1
41	24-9830	Axle Support	1
42	3256-6	Flat Washer	2
43	3217-9	Full Nut	2
*	231-91	Tire Inner Tube	2

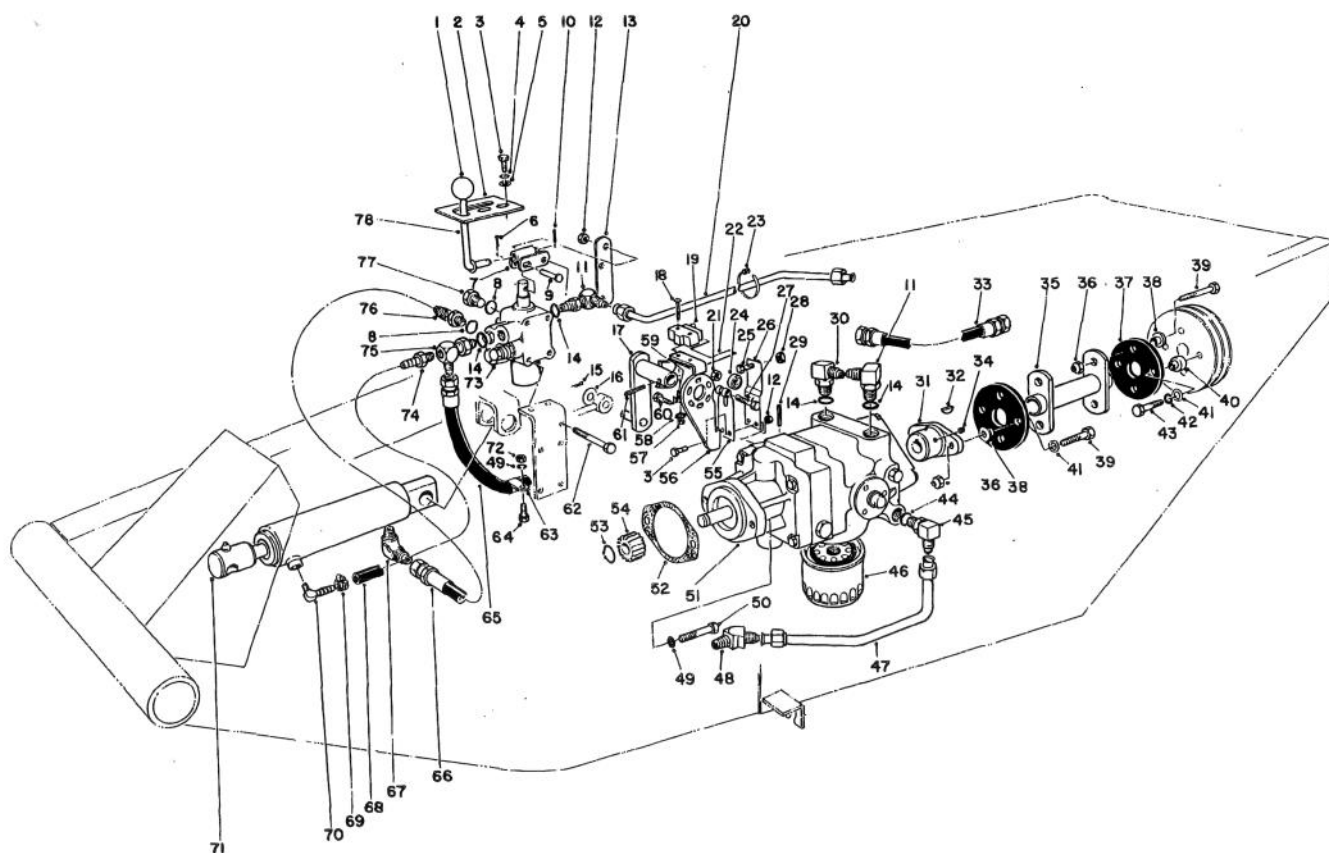
*Not Illustrated



HYDROSTATIC TRANSMISSION & 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	Locknut	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 Hd. Machine Screw	2
19	29-6161	Micro Switch	1
20	23-1880	Tube Pressure Line	1
21	3296-29	Locknut	1
22	46-8810	Leaf Spring Stop	1
23	3290-378	Cable Tie	1

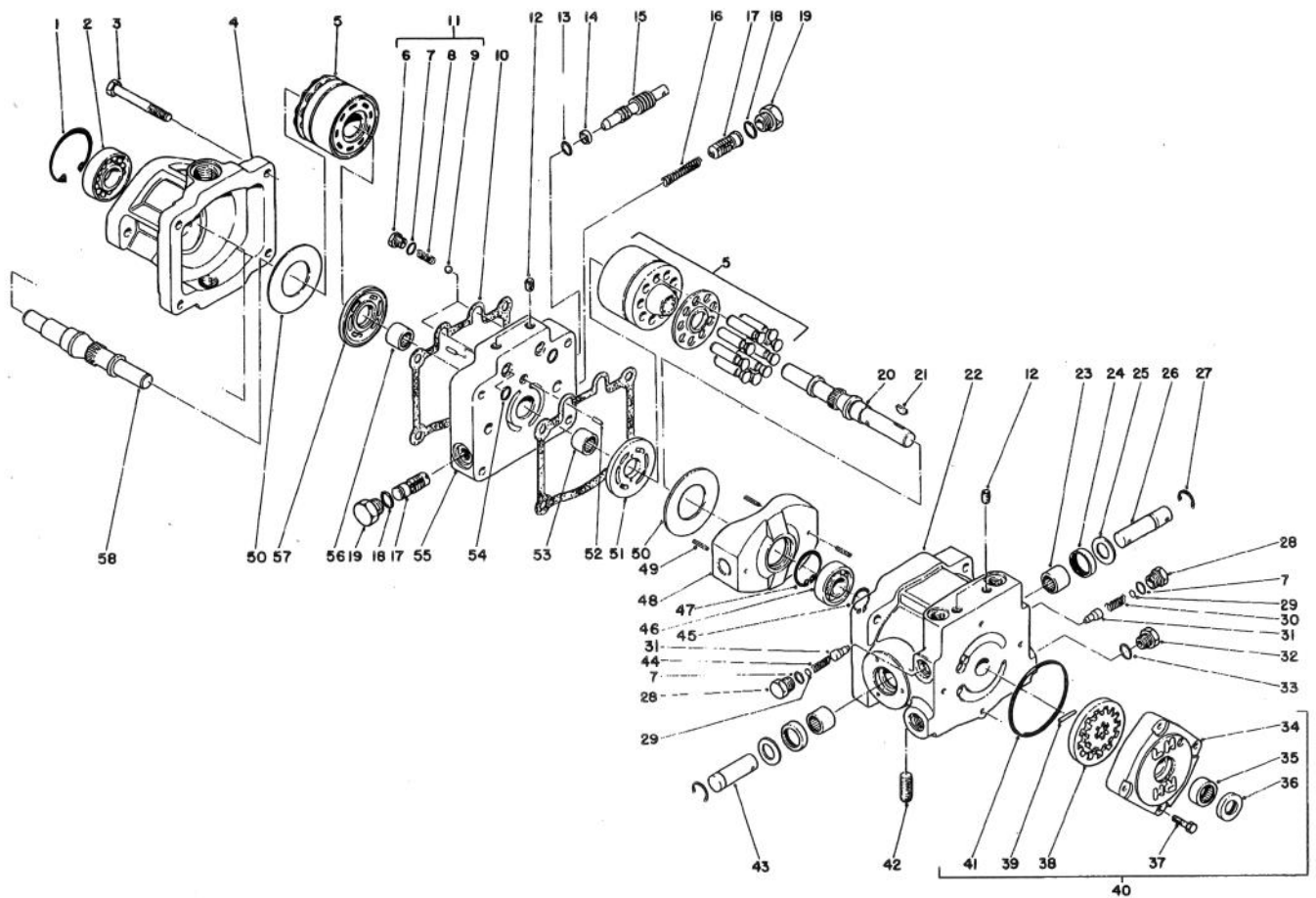
Ref. No.	Part No.	Description	No. Used
24	251-259	Ball Bearing	1
25	3210-7	Capscrew	1
26	29-6170	Extended Leaf Spring	1
27	322-17	Capscrew	1
28	3219-2	Nut	1
29	32121-6	Roll Pin	1
30	353-511	Elbow	1
31	33-4380	Pump Hub	1
32	3257-32	Woodruff Key	1
33	33-4410	Hose Assy. Cooler to Pump	1
34	3241-5	Set Screw	2
35	46-6370	Drive Coupling	1
36	32152-1	Locknut	6
37	44-2230	Coupling Rubber	2
38	27-6600	Spacer Rubber Coupling	6
39	322-6	Capscrew	6
40	27-6590	Spacer Rubber Coupling	2
41	3256-3	Washer Plain	4
42	3253-4	Lockwasher	2
43	322-8	Capscrew	2
44	237-80	O-Ring	1
45	353-370	Elbow	1
46	23-2300	Oil Filter	1



HYDROSTATIC TRANSMISSION & VALVE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	23-1900	Tube Assy. Axle to Pump	1
48	353-535	Elbow	1
49	3253-21	Lockwasher	3
50	323-7	Capscrew	2
51	48-1790	Transmission Inline (Incl. Ref. #32)	1
52	41-8760	Gasket Transmission	1
53	32120-72	Snap Ring	1
54	23-4810	Pinion Gear	1
55	29-6150	Leaf Spring	1
56	29-6120	Pump Plate	1
57	3217-16	Brass Full Hex Nut	2
58	3254-9	Lockwasher — Int.	2
59	3255-7	Washer — Lock Ext.	3
60	32104-42	Self Tapping Screw	3
61	32121-24	Roll Pin	1
62	321-23	Capscrew	5

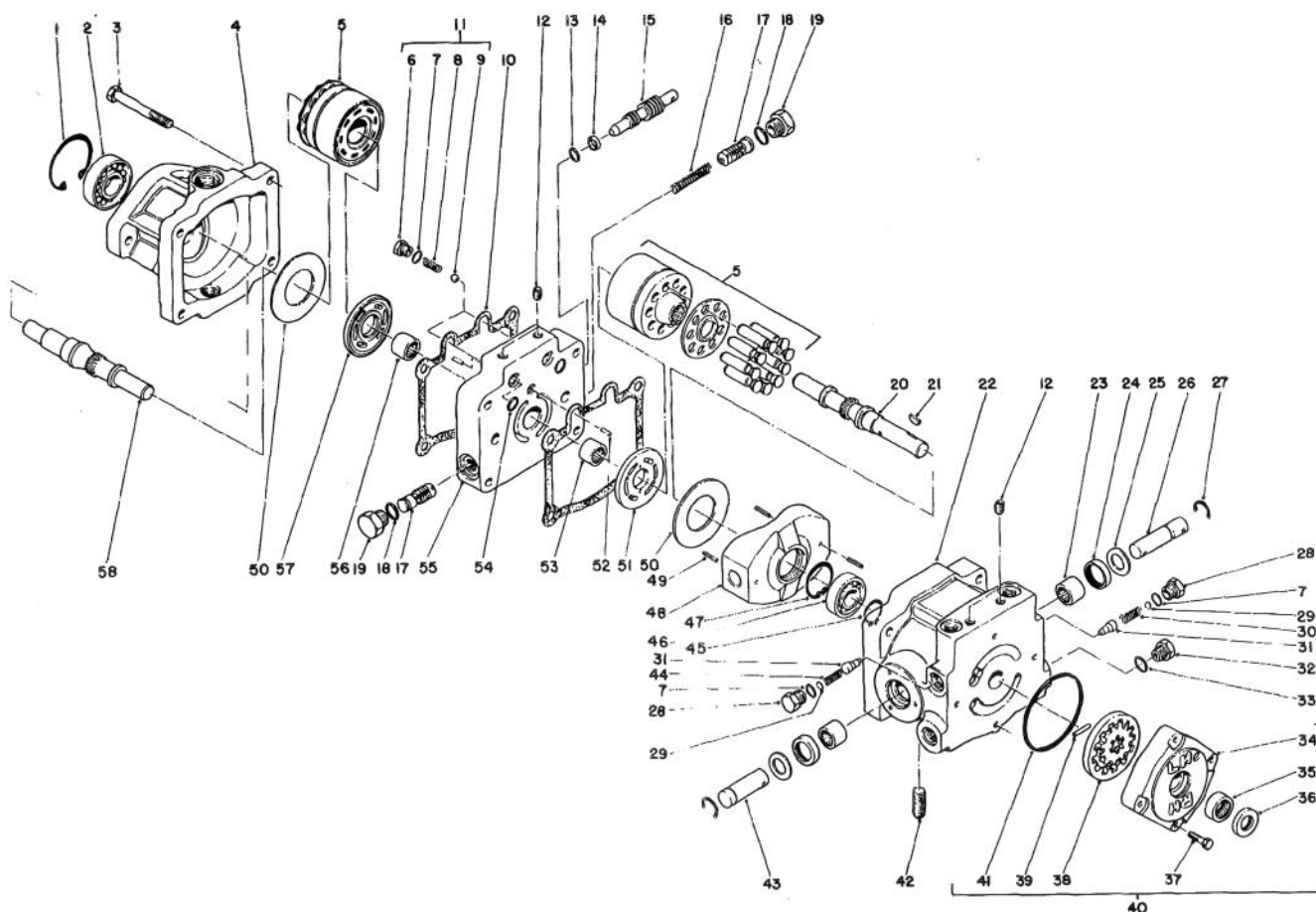
Ref. No.	Part No.	Description	No. Used
63	2412-4	Clamp	1
64	323-6	Capscrew	1
65	26-2380	Hose — Valve to Cooler	1
66	21-8580	Hose — Valve to Cylinder	1
67	5-6560	Elbow .078 Orifice	1
68	6-1190	Hose	1
69	2412-36	Clamp	2
70	304-75	Barb 90° Fitting	1
71	53-3160	Hydraulic Cylinder	1
72	3217-7	Nut	1
73	43-1710	Valve — Hydraulic Control	1
74	304-73	Barb Straight Fitting	1
75	21-4940	Fitting Assembly	1
76	353-375	Fitting 90° Elbow	1
77	353-512	Plug	1
78	21-8620	Valve Lever	1



TRANSMISSION ASSEMBLY (48-1790)

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	48-1800	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	2
10	25-2400	Gasket	2
11	25-3180	Check Valve Kit (Incl. Ref. #6-9)	2
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

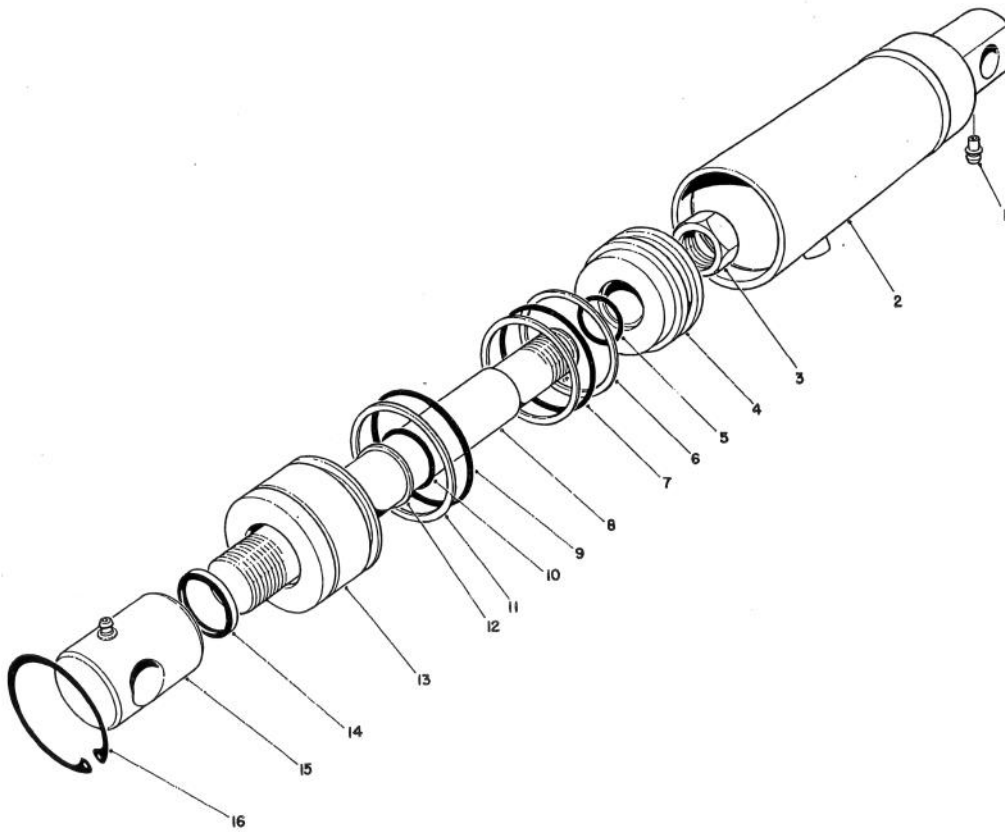
Ref. No.	Part No.	Description	No. Used
17	25-2410	Accel. Valve Assembly	2
18	237-79	O-Ring	2
19	353-550	Hex. Hd. Plug	2
20	36-5370	Pump Shaft	1
21	3257-32	Woodruff Key	1
22	25-2520	Pump Housing	1
23	252-82	Needle Bearing	2
24	25-3210	Lip Seal	2
25	25-2510	Flat Washer	2
26	25-2580	Trunnion Shaft	1
27	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	2
32	353-551	Hex. Hd. Plug	1
33	237-80	O-Ring	1



TRANSMISSION ASSEMBLY (48-1790) (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 & 41)	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
45	32120-15	Retaining Ring	1

Ref. No.	Part No.	Description	No. Used
46	251-8	Ball Bearing	1
47	32120-11	Retaining Ring	1
48	25-2450	Variable Swashplate	1
49	32121-91	Coil Spring Pin	3
50	25-2380	Thrust Plate	2
51	25-2440	Pump Valve Plate	1
52	25-2430	Dowel Pin	2
53	25-3300	Needle Bearing	1
54	237-30	O-Ring	2
55	25-2420	Center Section	1
56	46-8400	Needle Bearing	1
57	25-2390	Motor Valve Plate	1
58	46-8410	Motor Shaft	1

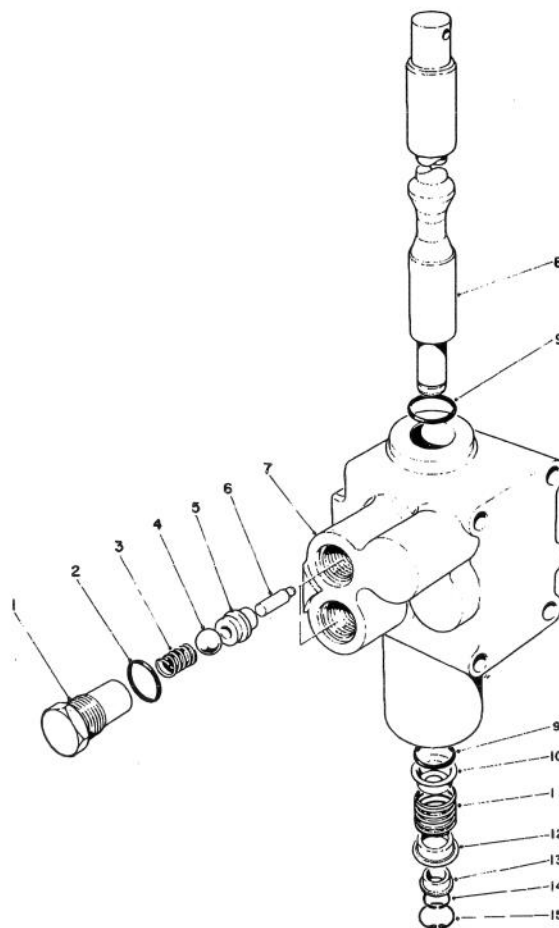


HYDRAULIC CYLINDER ASSEMBLY — 53-3160

Ref. No.	Part No.	Description	No. Used
1	302-22	Fitting — Grease	2
2		Barrel Assembly	1
3	53-9510	Nut -Lock	1
4	53-9520	Piston Gland	1
5		O-Ring	1
6		Ring — Back-Up	2
7		O-Ring	1
8	53-9600	Rod	1
9		O-Ring	1

Ref. No.	Part No.	Description	No. Used
10		O-Ring	1
11		Ring — Back-Up	1
12		Ring — Back-Up	1
13	53-9560	Head Gland	1
14		Wiper — Rod	1
15	53-9610	Clevis — Rod	1
16		Ring — Snap	1
*	53-9650	Seal Repair Kit (Incl. Ref. #5-7, 9-12, 14 & 16)	1

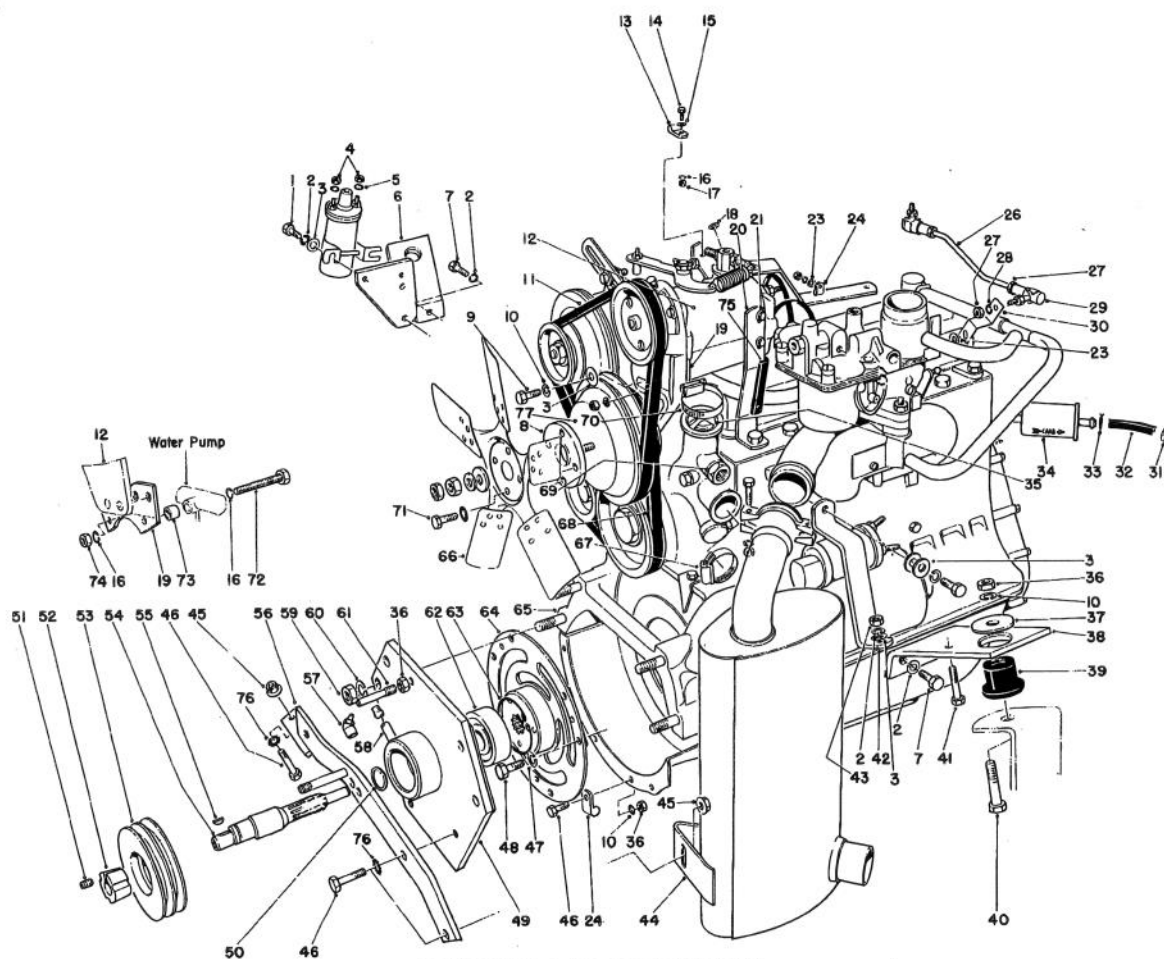
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CONTROL VALVE — 43-1710

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		Body	1
8	22-8420	Spool	1

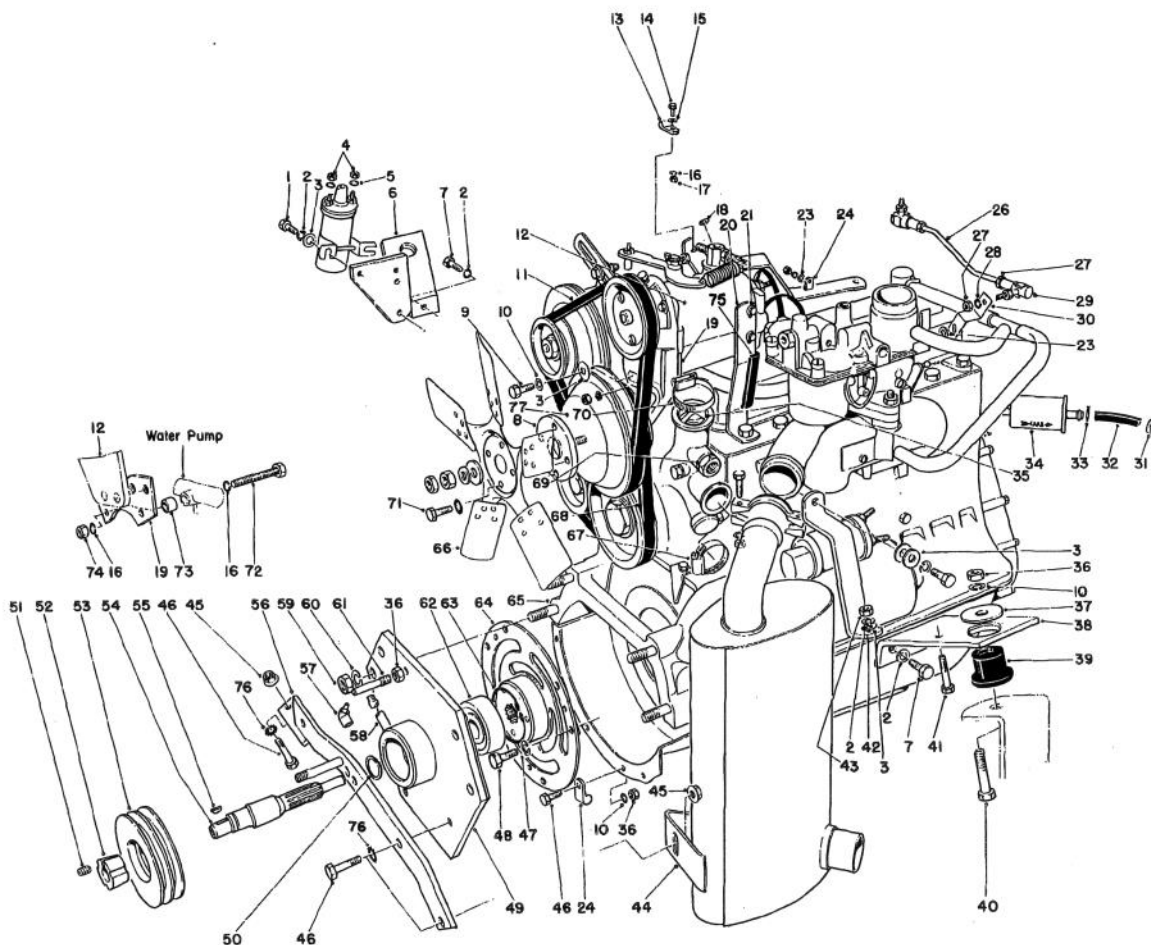
Ref. No.	Part No.	Description	No. Used
9	22-8500	O-Ring	2
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Capscrew	2
2	3253-4	Lockwasher	9
3	3256-3	Flat Washer	7
4	43-5970	Metric Nut	2
5	21-5890	Metric Lockwasher	2
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	5
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
23	3256-23	Washer	2
24	2412-41	Clamp	2

Ref. No.	Part No.	Description	No. Used
26	25-9280	Throttle Rod	1
27	3219-14	Nut	4
28	3253-12	Lockwasher	2
29	21-5640	Ball Joint	2
30	36-4330	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	26-9140	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	3290-357	Nut Flange Locking	3
46	323-6	Capscrew	6
47	21-0340	Lockwasher	6

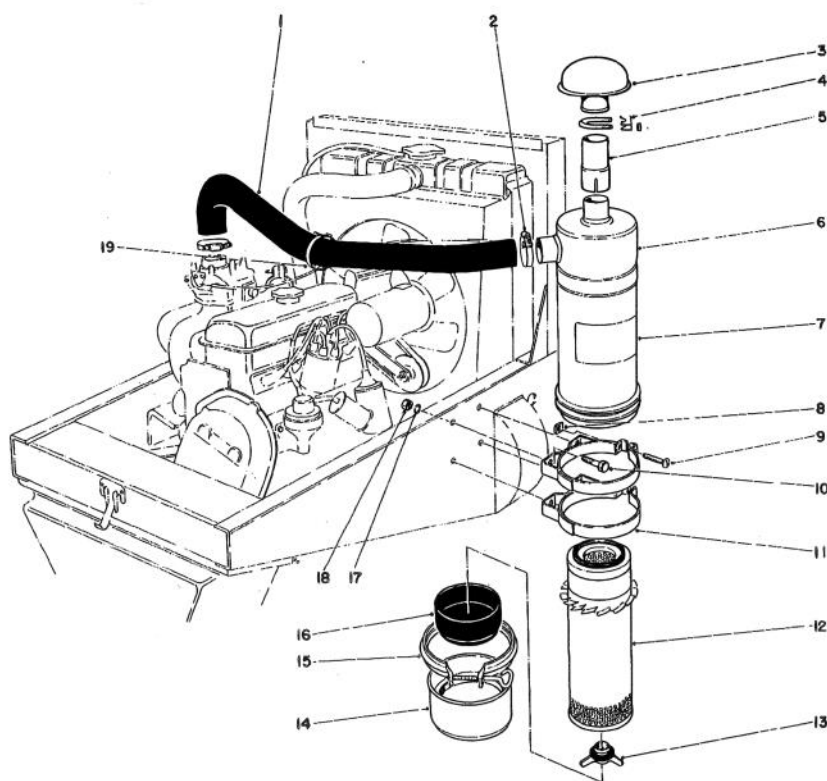


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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	3254-3	Lockwasher	4
61	21-1820	Stud — Belt Retainer	3
62	251-261	Bearing	1
63	32120-22	Snap Ring	1
64	21-2260	Engine Adapter Drive	1

Ref. No.	Part No.	Description	No. Used
65	52-4840	Engine — Continental (Model No. R08-D15-2002)	1
66	52-1560	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	2
71	43-0110	Metric Capscrew	4
72	24-2560	Screw	2
73	24-2490	Spacer	1
74	43-2830	Nut	2
75	39-8080	Trim — Support Bracket	1
76	3255-9	Lockwasher	4
77	27-9660	Pulley — Water Pump	1
Optional			
*	36-3190	Spark Arrestor	1
*	2112-9	Clamp	1

*Not Illustrated

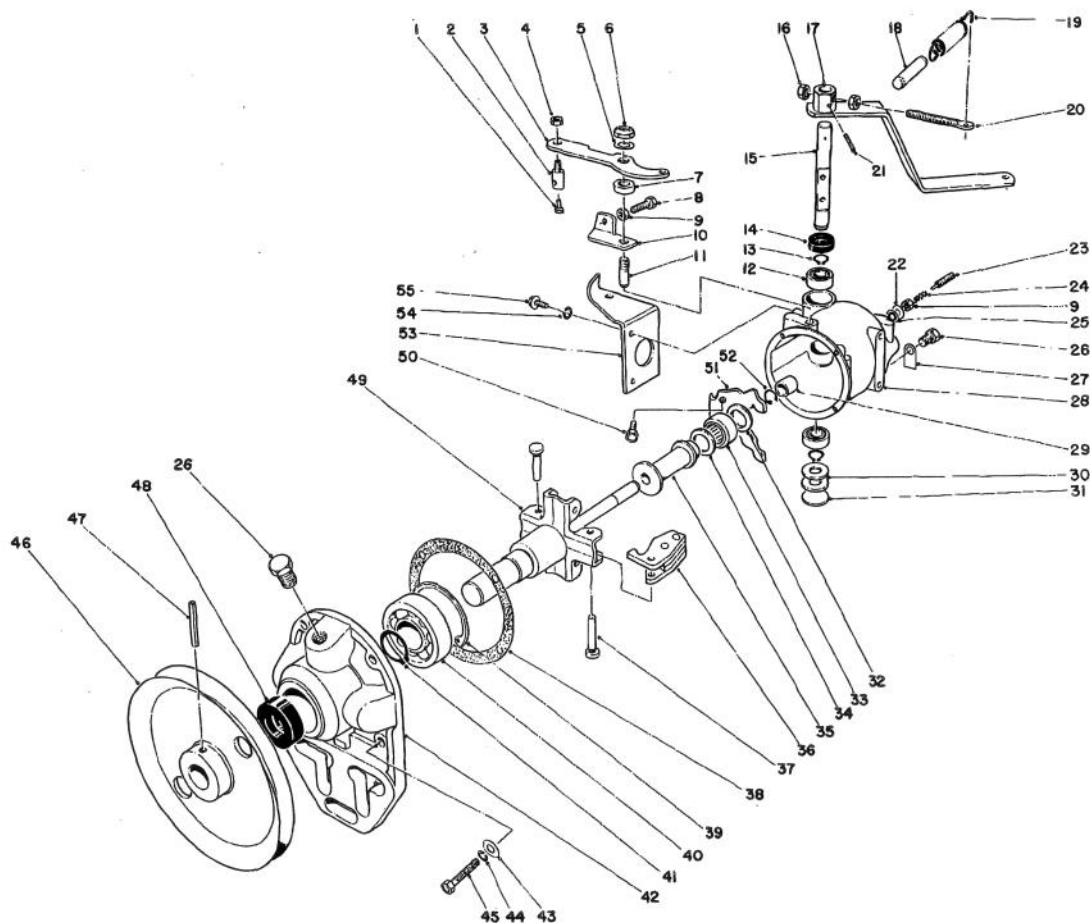


AIR CLEANER ASSEMBLY 27-7090

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	20-4840	Muffler Clamp	1
5	44-8950	Tube — Air Cleaner	1
6	27-7100	Air Cleaner Assembly (Incl. Ref. #7 & 12-16)	1
7	27-7160	Decal — Instructions	1
8	32107-11	Nut	2
9	3258-19	Round Hd. Machine Screw	2
10	322-3	Capscrew	4

Ref. No.	Part No.	Description	No. Used
11	27-7170	Band Assembly Mounting (Incl. Ref. #8 & 9)	2
12	27-7110	Element Assembly	1
13	27-7120	Nut & Gasket Assembly	1
14	27-7150	Cup Assembly	1
15	27-7130	Clamp Assembly	1
16	27-7140	Skirt Baffle	1
17	3253-4	Lockwasher	4
18	3217-6	Nut	4
19	3290-378	Cable Tie	1
*	27-7220	Filter Cleaner	1

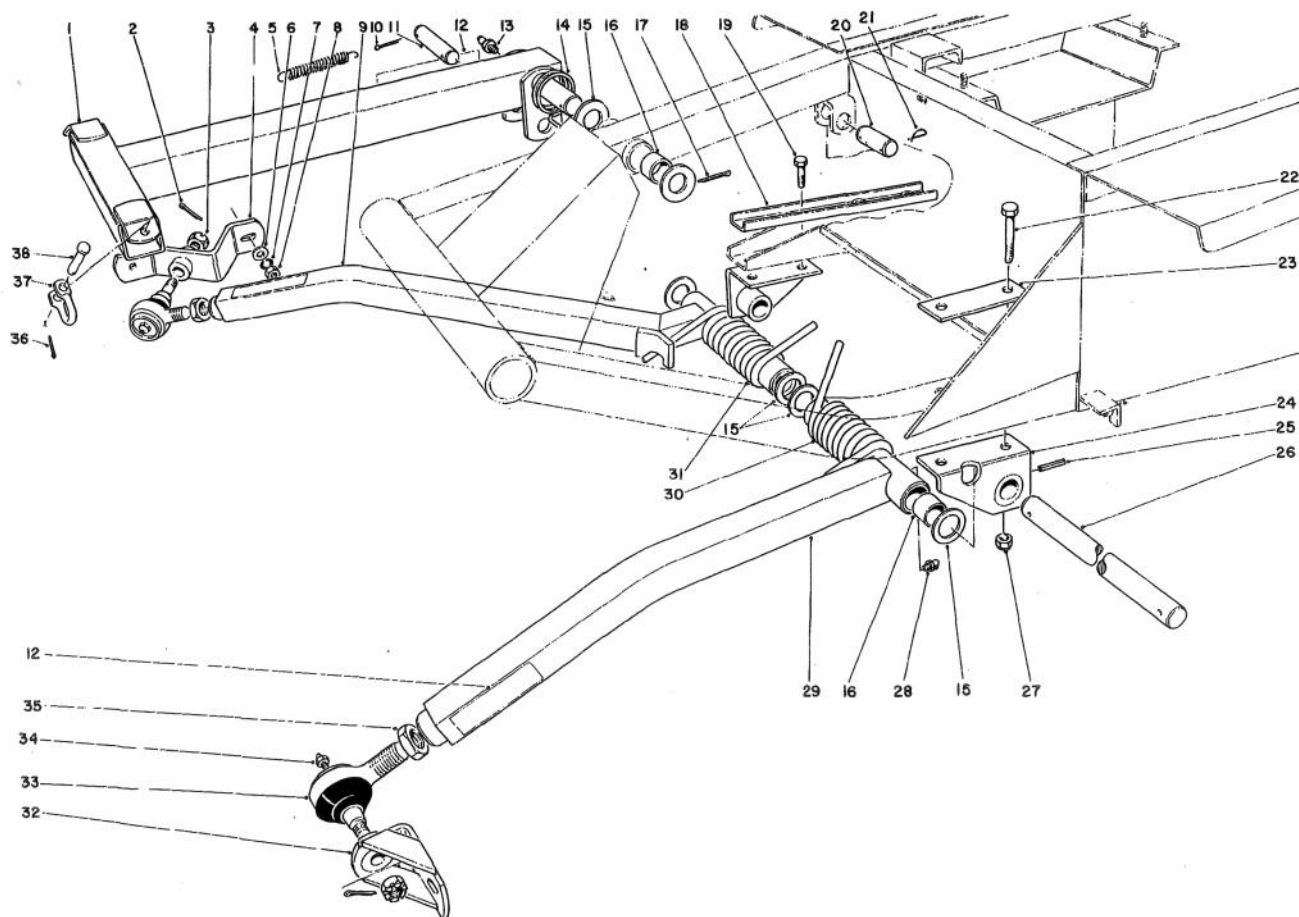
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GOVERNOR ASSEMBLY — 25-7640

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	Lockout	1
5	25-9110	Washer	1
6	54-7760	Lockout	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	26-7260	Shim Washer	1
23	25-8920	Bumper Screw	1
24	25-9060	Spring — Bumper	1
25	25-8560	Sealing Washer	1
26	25-8590	Pipe Plug	2
27	25-9080	Oil Level Tag	1
28	25-8930	Body	1

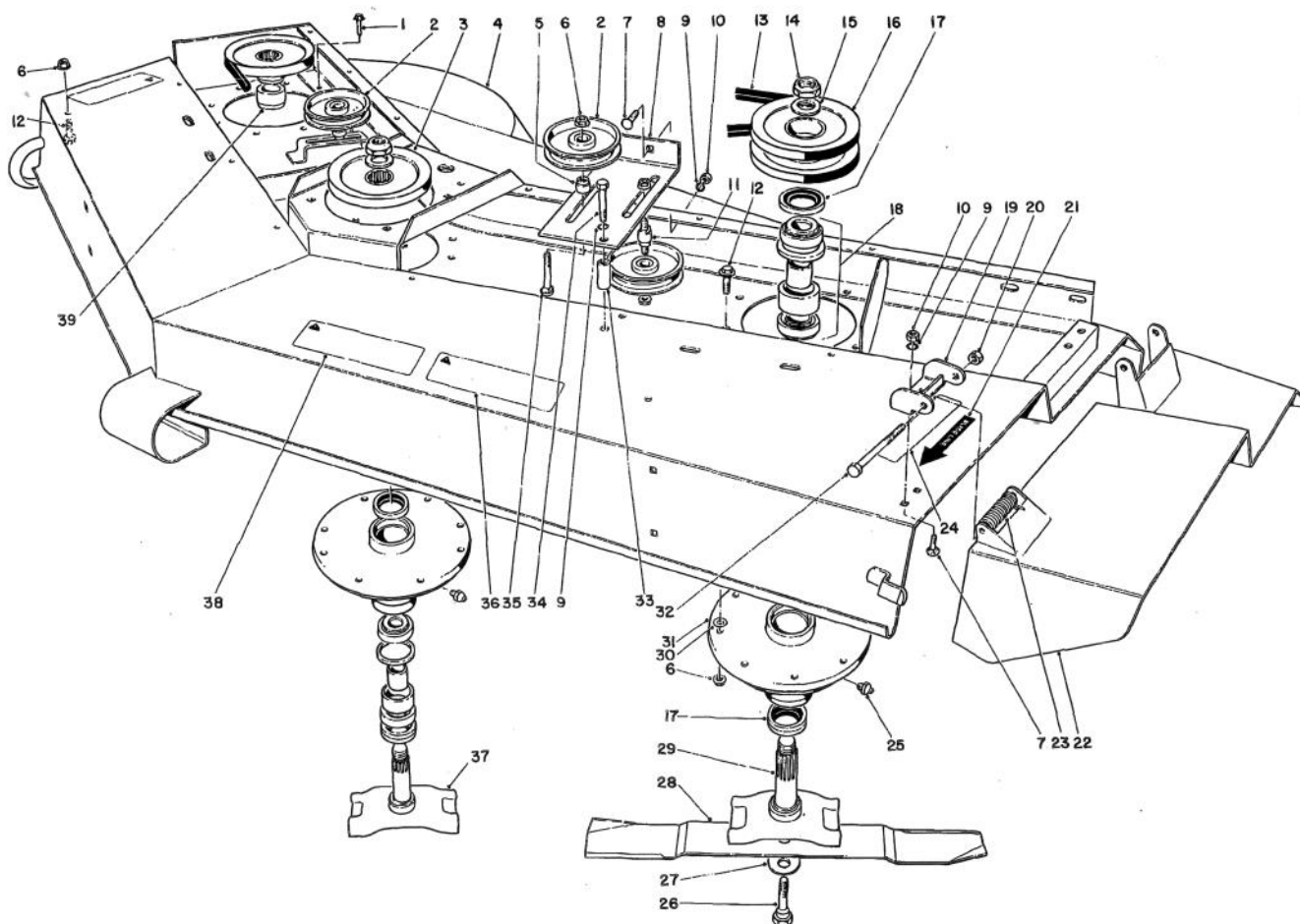
Ref. No.	Part No.	Description	No. Used
29	25-8610	Bushing	1
30	25-9100	Washer	2
31	25-8630	Welch Plug	1
32	54-7710	Thrust Washer	1
33	54-7740	Thrust Bearing	1
34	54-7720	Thrust Washer	1
35	54-7730	Thrust Sleeve	1
36	25-8880	Weight Assembly	2
37	49-1750	Weight Pin	2
38	25-9070	Gasket	1
39	25-8530	Snap Ring	1
40	251-6	Bearing	1
41	25-8510	Snap Ring	1
42	54-7750	Flange	1
43	3256-14	Flat Washer	4
44	3253-17	Lockwasher	4
45	3290-332	Machine Screw	4
46	25-8970	Pulley	1
47	32121-16	Roll Pin	1
48	25-8570	Oil Seal	1
49	25-8890	Spider & Shaft Assembly	1
50	25-9160	Machine Screw	2
51	25-8950	Yoke	1
52	25-8540	Snap Ring	1
53	25-8440	Bracket	1
54	3253-3	Lockwasher	2
55	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. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	40-7490	Warning Decal	3
13	302-5	Grease Fitting	1
14	46-8840	Spring Lift Arm	1
15	5-1754	Washer	6
16	256-126	Bushing	6
17	3272-33	Cotter Pin	1
18	23-1950	Support Reinforcement	1
19	324-5	Capscrew	2
20	3-7292	Pin	1

Ref. No.	Part No.	Description	No. Used
21	5-3126	Spring Pin	3
22	324-12	Capscrew	2
23	21-3750	Support Plate	1
24	21-2860	Push Arm Bracket	2
25	32121-84	Roll Pin	2
26	21-2990	Shaft Pivot	1
27	3296-48	Nut	4
28	302-33	Grease Fitting	2
29	21-2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21-2900	Spring — Torsion L.H.	1
31	21-2890	Spring — Torsion R.H.	1
32	21-3050	Ball Joint Mount L.H.	1
33	21-0160	Ball Joint Assembly	2
34	302-2	Grease Fitting	2
35	21-3000	Jam Nut	2
36	3272-10	Cotter Pin	3
37	5-2942	Shackle	3
38	283-10	Pin	3

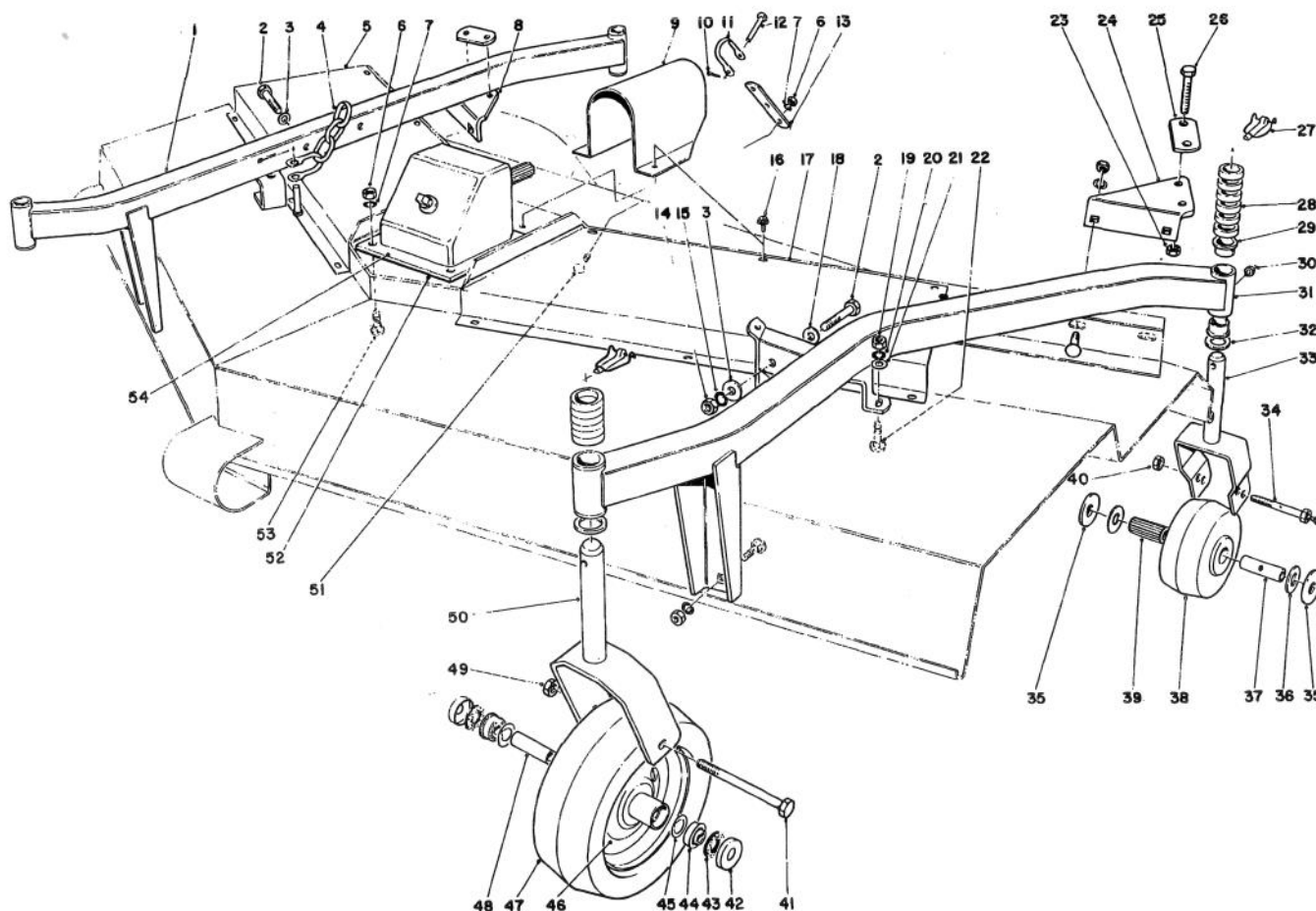


CUTTING UNIT MODEL NO. 30721

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	51-1570	Cutter Deck	1
5	26-1860	Spacer – Idler Pulley	2
6	32128-21	Flange Nut	31
7	3231-27	Carriage Bolt	6
8	26-1870	Idler Mount L.H.	1
9	3253-21	Lockwasher	7
10	3217-7	Nut	6
11	26-1850	Stud – Idler	1
12	3234-1	Hex Flange Screw	23
13	21-0890	V-Belt	3
14	3296-49	Nut	3
15	3-8514	Washer	3
16	26-9100	Pulley L.H.	1
17	253-138	Oil Seal	9
18	49-8320	Bearing Assembly w/Spacers (Matched Set)	3
19	51-1530	Hinge Bracket	2
20	32153-5	Nut	2

Ref. No.	Part No.	Description	No. Used
21	26-7120	Blade Line Decal	1
22	51-1470	Deflector	1
23	51-1550	Spring	2
24	51-1560	Decal – Warning 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	3256-24	Washer	A/R
31	26-1630	Spindle Housing	3
32	325-17	Capscrew	2
33	26-1880	Spacer – Idler Mount	1
34	323-12	Capscrew	1
35	3231-29	Carriage Bolt	2
36	26-7970	Decal – Caution	2
37	26-1680	Spindle Center	1
38	26-7960	Decal – Caution Blade Bolt	1
39	26-1790	Spacer R.H. Spindle	1
*	23-2410	Blade – High Sail (Optional)	3

*Not Illustrated



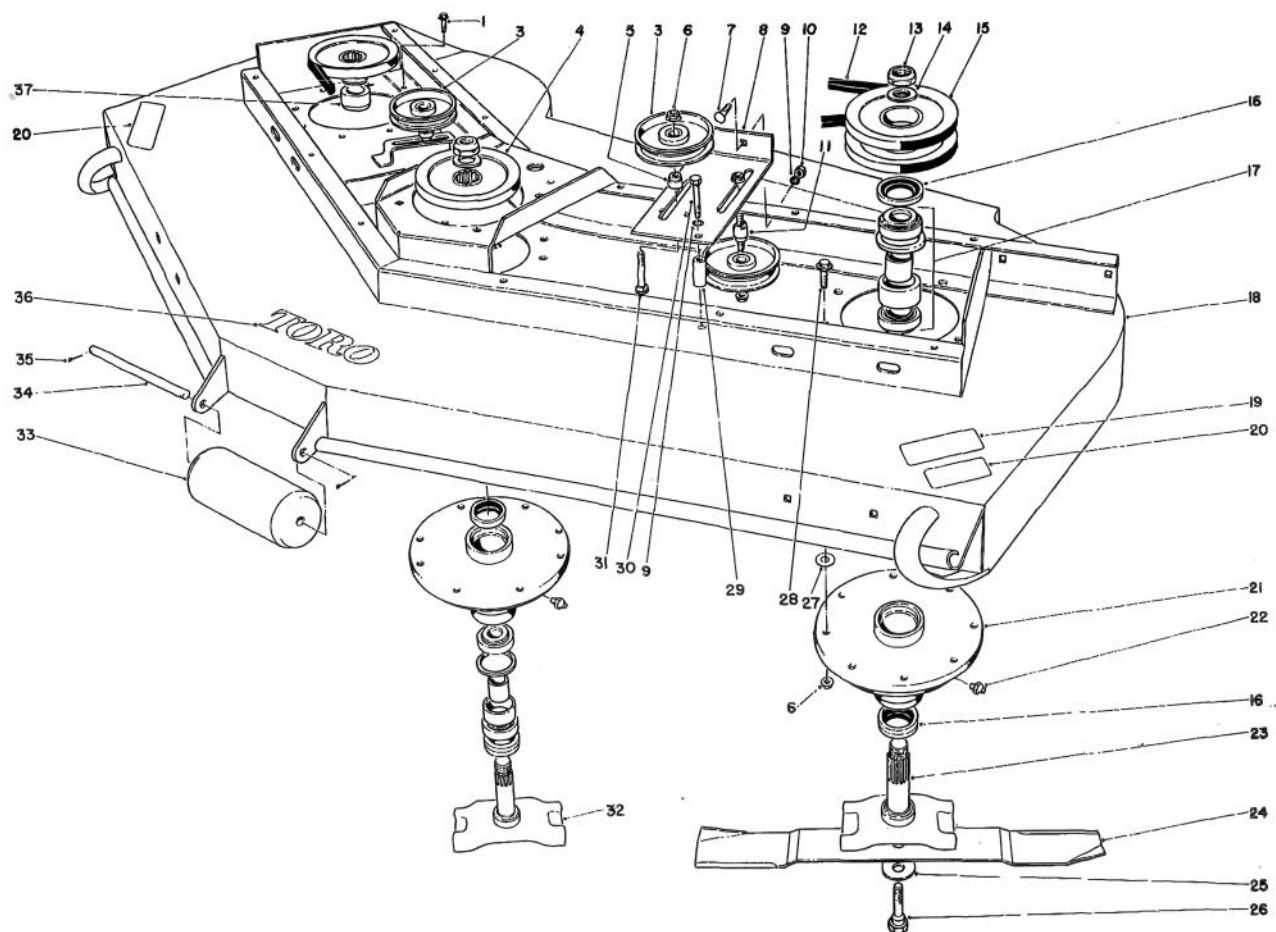
CUTTING UNIT MODEL NO. 30721 (Continued)

Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #29)	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	39-3340	Bracket — Caster Arm Clamp	1
9	26-2250	Shroud Universal	1
10	3272-10	Cotter Pin	3
11	5-2942	Shackle	3
12	283-10	Pin	3
13	21-3770	Lift Strap	1
14	3217-8	Nut	2
15	3253-6	Lockwasher	2
16	32104-82	Self Tapping Screw	14
17	26-1900	Cover Deck L.H.	1
18	3256-25	Flat Washer	2
19	3217-9	Nut	12
20	3253-7	Lockwasher	12
21	3256-26	Flat Washer	4
22	3233-1	Carriage Bolt	12
23	3296-23	Nut	4
24	39-7450	Bracket — Caster Arm Clamp	1
25	39-3330	Bar — Caster Clamp	2
26	325-13	Capscrew	4
27	3290-384	Lynch Pin — Safety Type	4
28	26-1580	Spacer 1/2"	24

Ref. No.	Part No.	Description	No. Used
29	28-9290	Bushing — Special	8
30	302-5	Grease Fitting	4
31	26-1430	Caster Arm L.H. (Incl. Ref. #29)	1
32	3-6781	Washer	4
33	26-1560	Caster Fork Rear	2
34	21-3870	Axle	2
35	46-8970	Washer	4
36	46-9030	Retainer Bearing	4
37	21-1030	Spanner Bushing	2
38	21-3860	Wheel	2
39	21-3850	Roller Bearing	2
40	32153-7	Locknut	2
41	325-22	Capscrew	2
42	3-6778	Axle Slinger	4
43	3-6777	Felt Washer	4
44	251-181	Bearing	4
45	3-6775	Washer	4
46	11-2929	Caster Wheel & Tire (Incl. Ref. #47)	2
*†	54-8810	Pneumatic Tire & Wheel Assembly (Optional)	1
47	46-6230	Tire	2
48	3-6776	Spacer	2
49	32153-5	Locknut	2
50	26-1530	Castor Fork — Front	2
51	3231-27	Carriage Bolt	2
52	38-5780	Spacer	A/R
53	3231-22	Carriage Bolt	4
54	8-0909	Gear Case Assembly	1

*Not Illustrated

†See page 35 for pneumatic tire & wheel assembly.

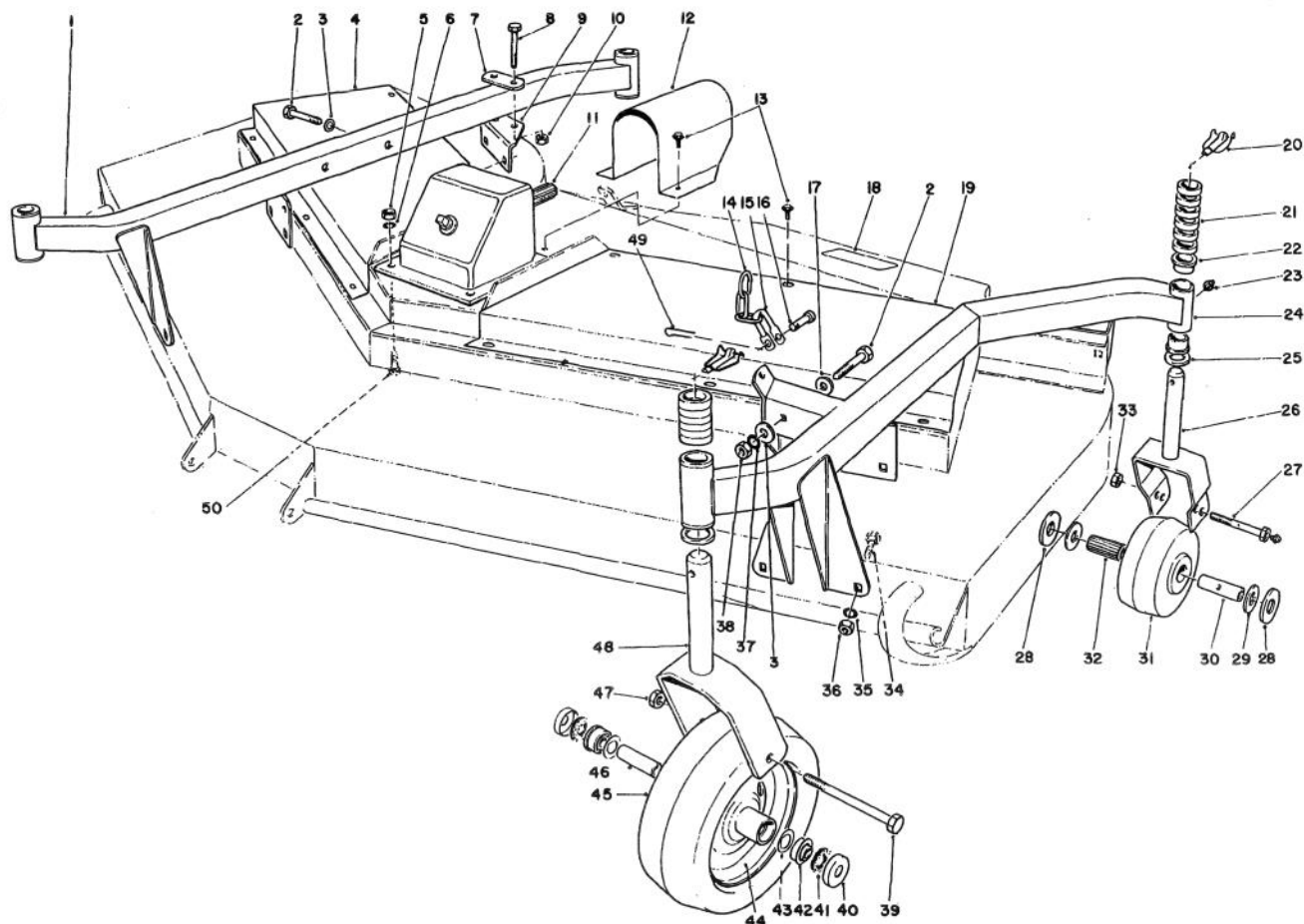


CUTTING UNIT MODEL NO. 30710

Ref. No.	Part No.	Description	No. Used
1	3234-11	Hex Flange Screw	4
3	26-1840	Idler Pulley	3
4	26-1760	Pulley	2
5	26-1860	Spacer — Idler Pulley	2
6	32128-21	Flange Nut	28
7	3231-22	Carriage Bolt	2
8	26-1870	Idler Mount L.H.	1
9	3253-21	Lockwasher	3
10	3217-7	Nut	2
11	26-1850	Stud Idler	1
12	21-0890	V-Belt	3
13	3296-49	Nut	3
14	3-8514	Washer	3
15	26-9100	Pulley L.H.	1
16	253-138	Oil Seal	9
17	49-8320	Bearing Assembly w/Spacers (Matched Set)	3
18	38-9200	Cutter Deck	1
19	26-7960	Decal — Caution (Blade Bolt)	1

Ref. No.	Part No.	Description	No. Used
20	26-7970	Decal — Caution (Rotating Blades)	2
21	26-1630	Spindle Housing	3
22	302-52	Grease Fitting	3
23	26-1690	Spindle Outer	2
24	29-5530	Blade	3
25	26-1990	Washer Belleville	3
26	26-1820	Capscrew	3
27	3256-24	Washer	A/R
28	3234-1	Hex Flange Screw	20
29	26-1880	Spacer — Idler Mount	1
30	323-12	Capscrew	1
31	3231-29	Carriage Bolt	2
32	26-1680	Spindle Center	1
33	31-0750	Roller	1
34	32-9610	Roller Shaft	1
35	3272-11	Cotter Pin	2
36	20-4690	Decal — Toro	1
37	26-1790	Spacer R.H. Spindle	1
*	23-2410	Blade — High Lift (Optional)	3

*Not Illustrated



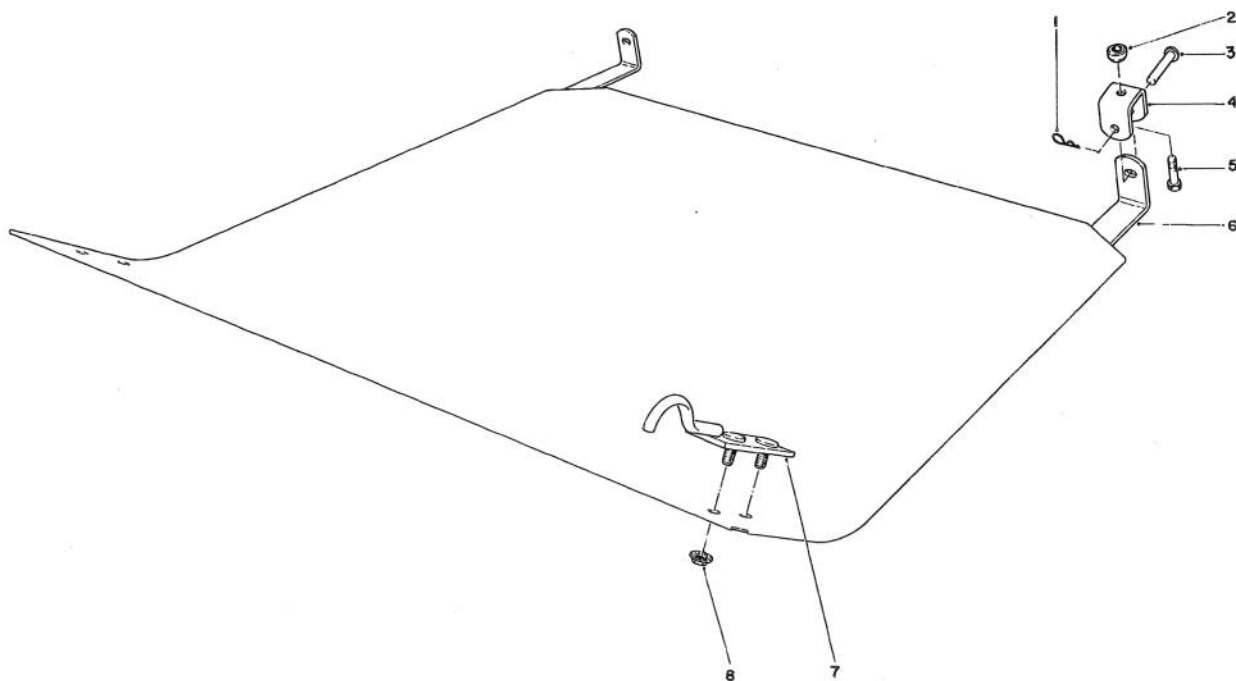
CUTTING UNIT MODEL NO. 30710 (Continued)

Ref. No.	Part No.	Description	No. Used
1	38-9370	Castor Arm R.H. (Incl. Ref. #22)	1
2	324-12	Capscrew	4
3	3256-5	Washer	4
4	26-1890	Cover Deck R.H.	1
5	3217-7	Nut	4
6	3253-21	Lockwasher	4
7	39-3330	Bar-Castor Arm Clamp	1
8	325-13	Capscrew	2
9	39-3340	Bracket-Castor Arm Clamp	1
10	3296-23	Locknut	2
11	8-0909	Gear Box Assembly	1
12	26-2250	Shroud Universal	1
13	32104-82	Self Tapping Screw	14
14	21-3160	Lift Chain	3
15	5-2942	Shackle	3
16	283-10	Pin	3
17	3256-25	Flat Washer	2
18	26-7970	Decal-Caution (Rotating Blades)	1
19	26-1900	Cover Deck L.H.	1
20	3290-384	Lynch Pin Safety Type	4
21	26-1580	Spacer 1/2"	24
22	28-9290	Bushing - Special	8
23	302-5	Grease Fitting	4
24	38-9420	Castor Arm L.H. (Incl. Ref. #22)	1
25	3-6781	Washer	4
26	26-1560	Castor Fork - Rear	2

Ref. No.	Part No.	Description	No. Used
27	21-3870	Axle	2
28	46-8970	Washer	4
29	46-9030	Retainer Bearing	4
30	21-1030	Spanner Bushing	2
31	21-3860	Wheel	2
32	21-3850	Roller Bearing	2
33	32153-7	Locknut	2
34	3233-1	Carriage Bolt	12
35	3253-7	Lockwasher	12
36	3217-9	Nut	12
37	3253-6	Lockwasher	4
38	3217-8	Nut	4
39	325-22	Capscrew	2
40	3-6778	Axle Slinger	4
41	3-6777	Felt Washer	4
42	251-181	Bearing	4
43	3-6775	Washer	4
44	11-2929	Castor Wheel (Incl. Ref. #45)	2
*†	54-8810	Pneumatic Tire & Wheel Assy. (optional)	1
45	46-6230	Tire	2
46	3-6776	Spacer	2
47	32153-5	Locknut	2
48	26-1530	Castor Fork	2
49	3272-10	Cotter Pin	3
50	3231-22	Carriage Bolt	4

*Not Illustrated

†See page 35 for pneumatic tire & wheel assembly.

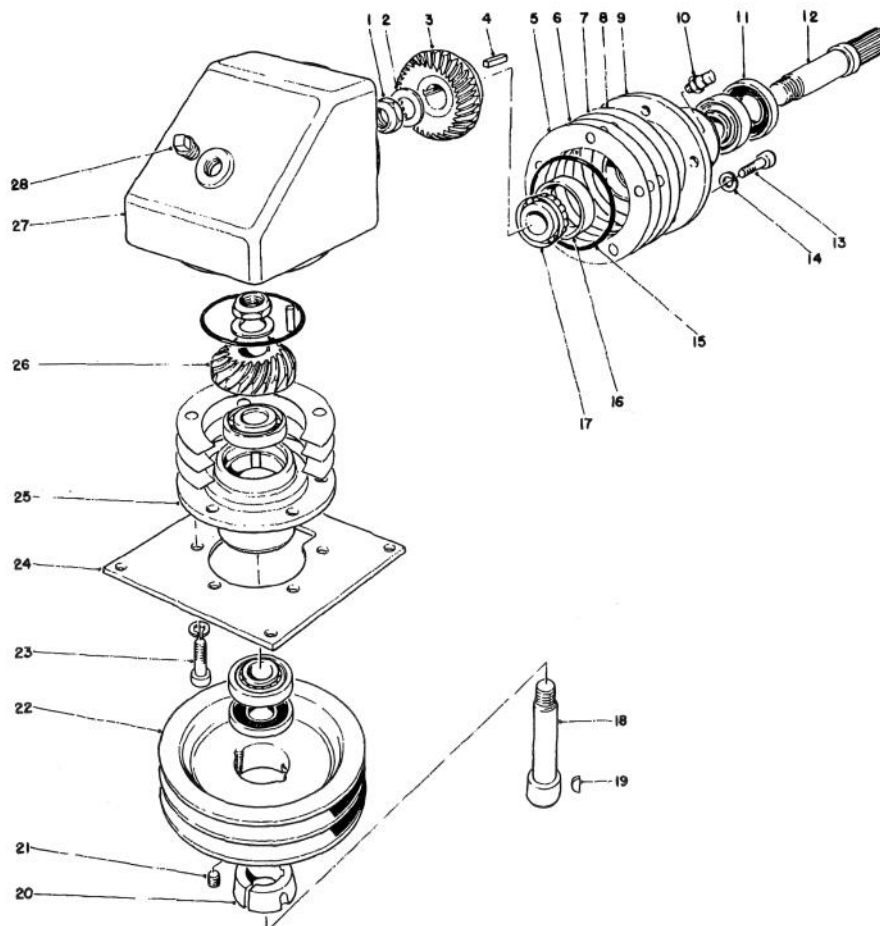


CUTTING UNIT MODEL NO. 30710 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-322	Hair Pin Cotter	2
2†	46-1600	Spacer	2
3	283-23	Clevis Pin	2
4	39-1470	Hanger — Belly Shield	2

Ref. No.	Part No.	Description	No. Used
5	323-7	Capscrew	2
6	39-1410	Belly Shield	1
7	39-1440	Belly Shield Hook	2
8	32128-20	Flange Nut	4

†Required with 72" Groundsmaster Diesel only.

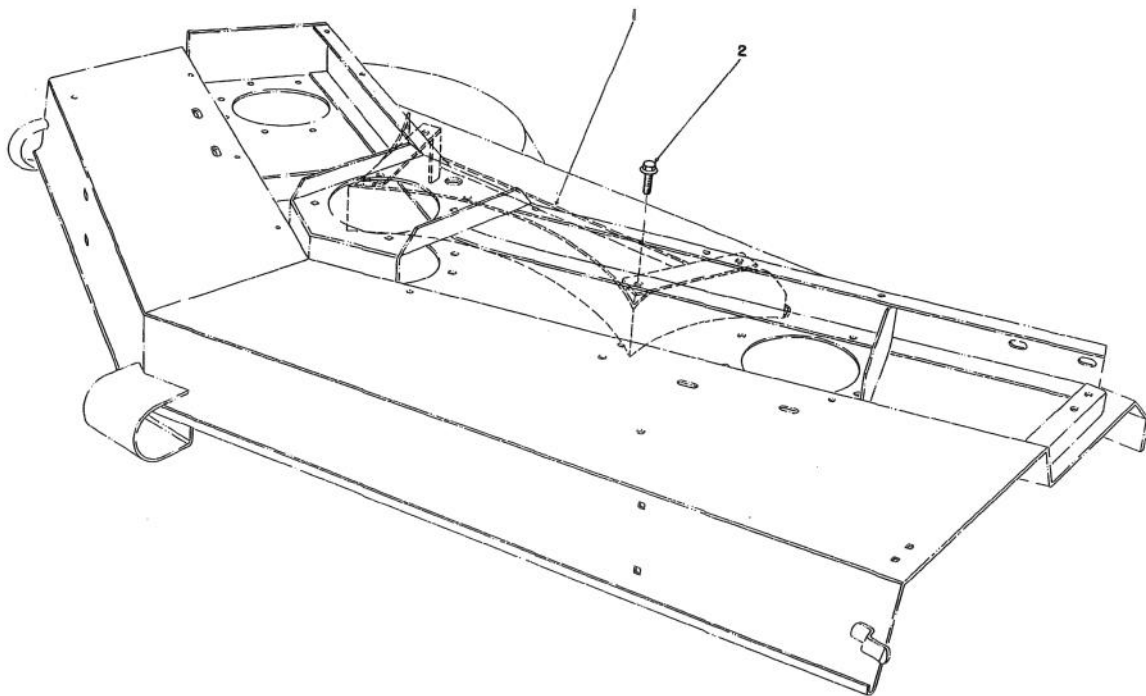


CUTTING UNIT MODEL NO. 30721 & 30710

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	4
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. #1-18 & 23-28)	1

*Not Illustrated

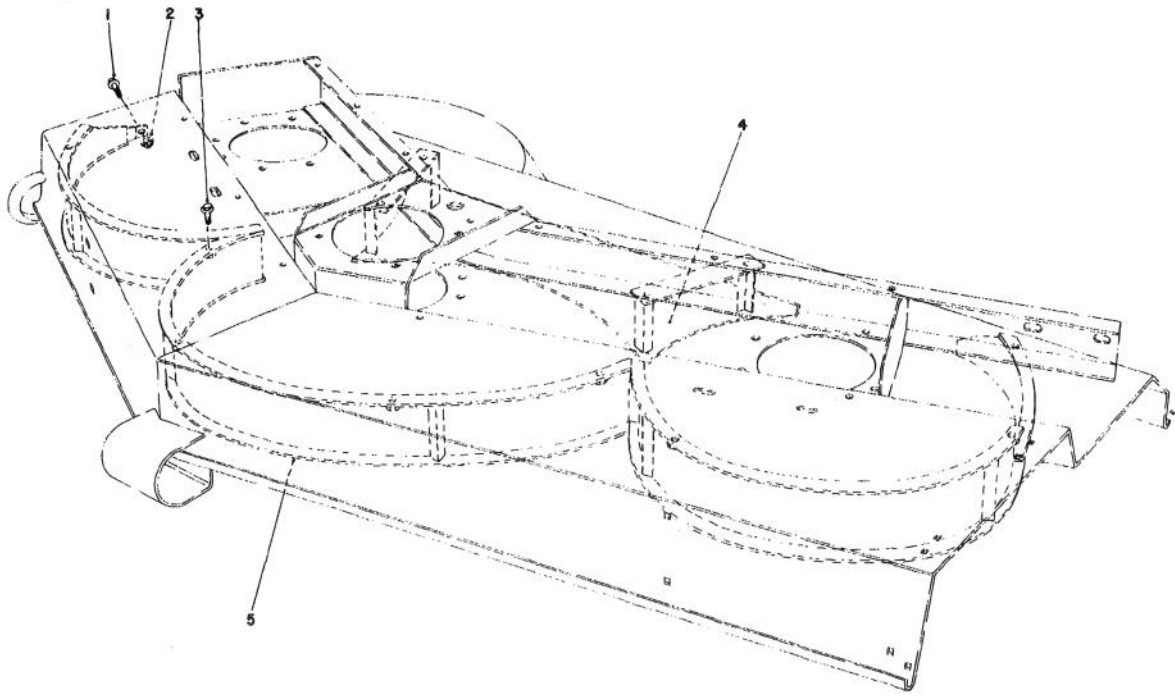


REAR BAFFLE KIT MODEL NO. 51-1460 (Optional)

Ref. No.	Part No.	Description	No. Used
1		Rear Baffle	1

Ref. No.	Part No.	Description	No. Used
2	3234-1	Screw — Hex. Flange Locking	4

NOTE: Will not fit with Cutting Unit Model No. 30710.

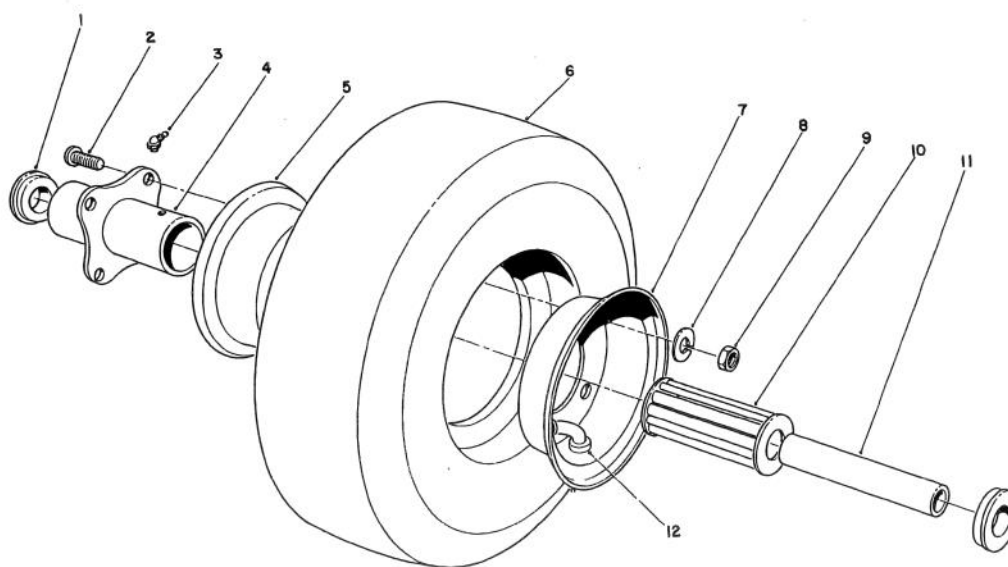


MULCHER KIT MODEL NO. 30732 (Optional)

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

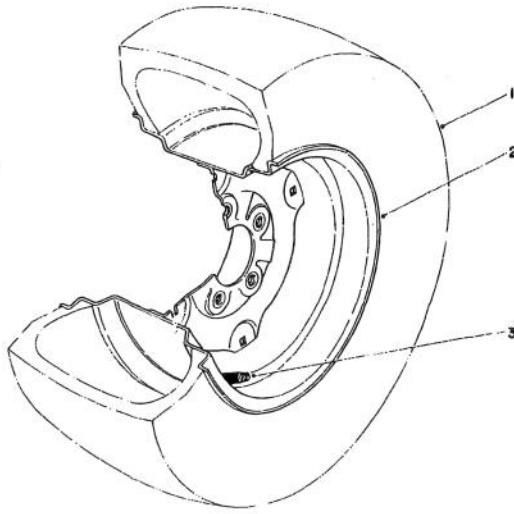
NOTE: Will not fit with Cutting Unit Model No. 30710.



CUTTING UNIT PNEUMATIC TIRE & WHEEL ASSEMBLY NO. 54-8810 (Optional)

Ref. No.	Part No.	Description	No. Used
1	54-8930	Retainer	2
2	54-8890	Bolt — Wheel	4
3	302-10	Fitting — Grease	1
4	54-8920	Hub — Centered	1
5	54-8910	Wheel Half — Female	1
6	54-8960	Tire	1

Ref. No.	Part No.	Description	No. Used
7	54-8900	Wheel Half — Male	1
8	3253-4	Washer — Lock	4
9	3217-6	Nut — Hex	4
10	54-8940	Bearing — Roller, Open Cage	1
11	55-7080	Bushing — Spanner	1
12	54-8950	Tube w/Valve	1

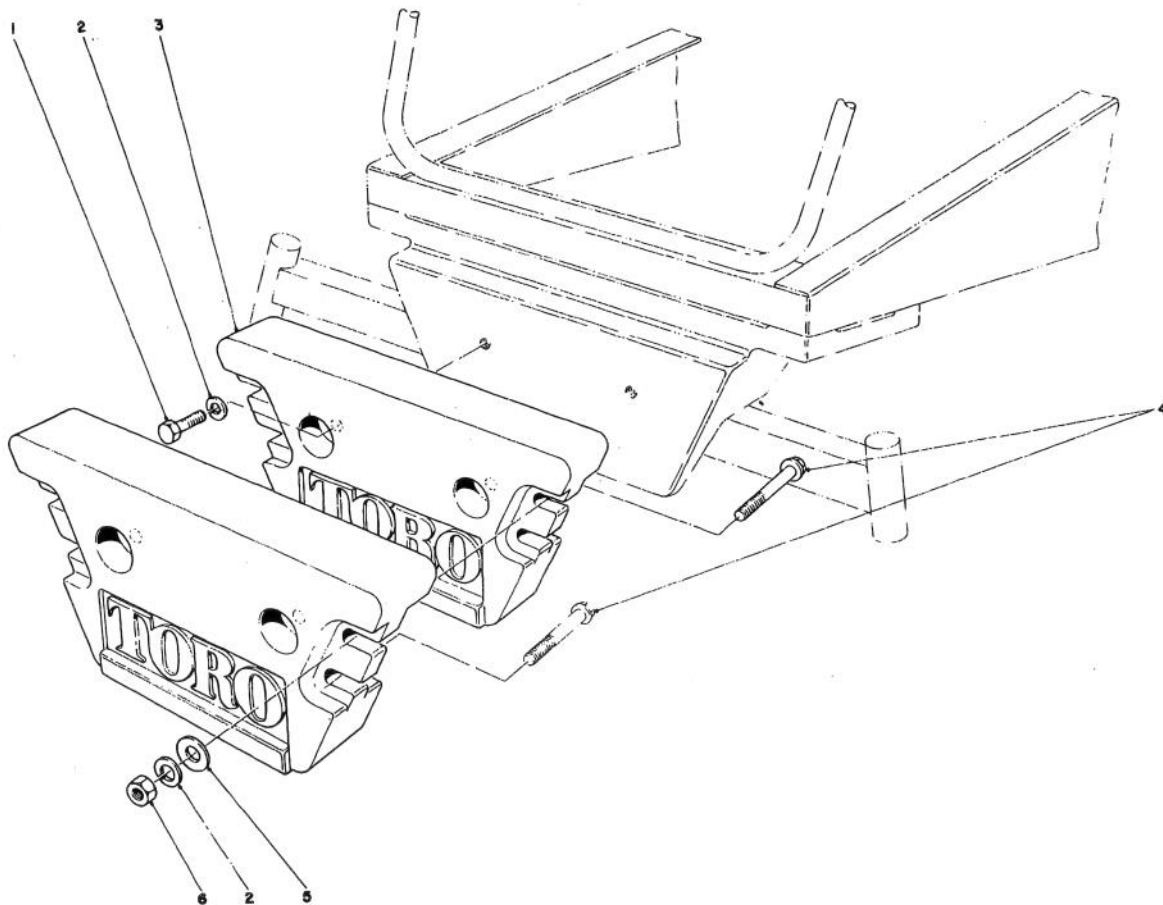


TIRE & WHEEL ASSEMBLY 23 X 10.50 X 12 (Optional) NO. 36-1050

Ref. No.	Part No.	Description	No. Used
1	231-95	Tire	1
2	242-62	Rim	1

Ref. No.	Part No.	Description	No. Used
3	232-27	Valve Stem	1

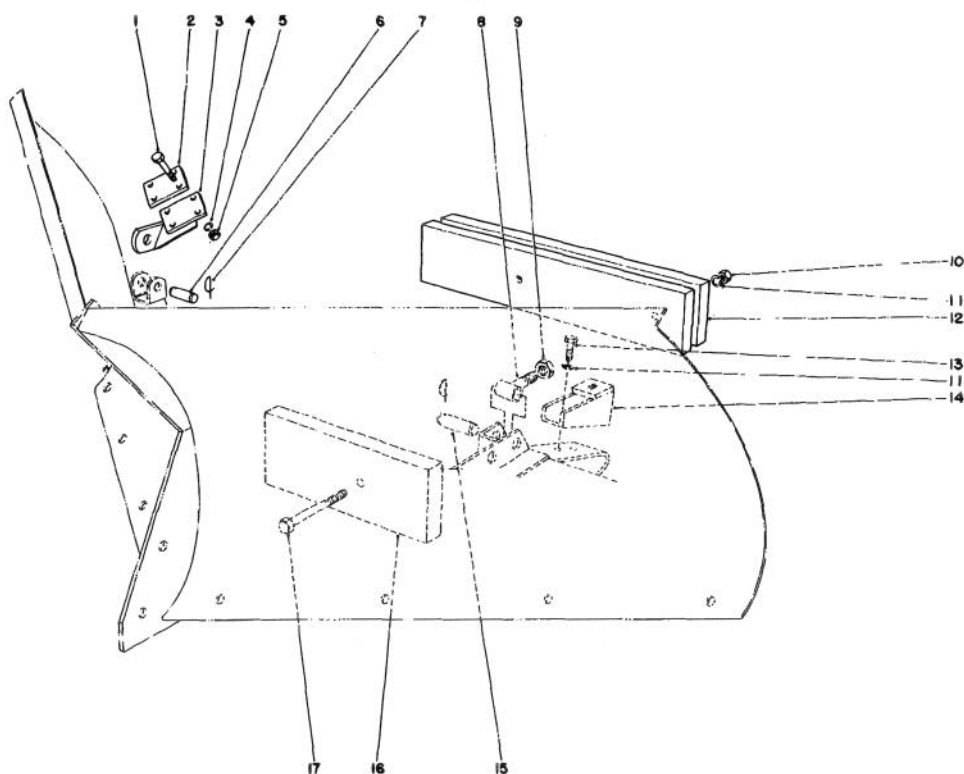
NOTE: Will not fit with Cutting Unit Model No. 30710.



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

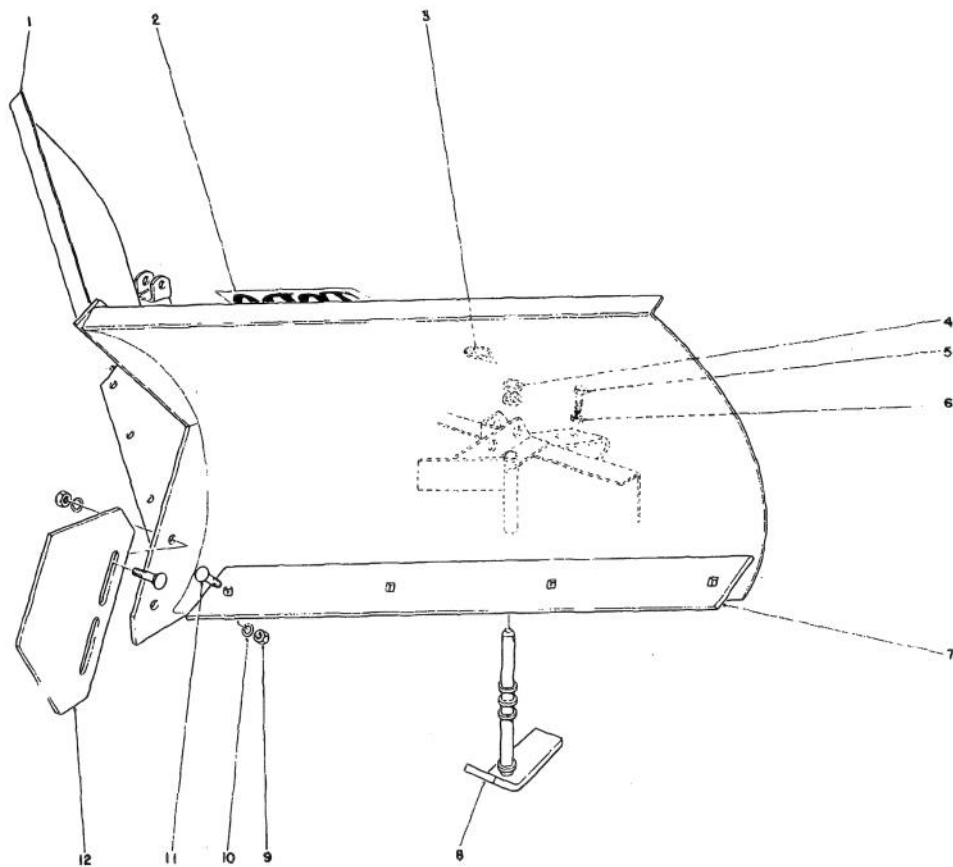


V-PLOW INSTALLATION KIT MODEL NO. 30757 (Optional)

Ref. No.	Part No.	Description	No. Used
1	323-14	Capscrew	4
2	24-2690	Clamp Plate	1
3	24-2680	Push Arm Bracket	1
4	3253-21	Lockwasher	4
5	3217-7	Nut	4
6	5-3505	Pin	1
7	5-3126	Spring Pin	4
8	23-9930	Push Pin	1
9	21-3000	Jam Nut	1

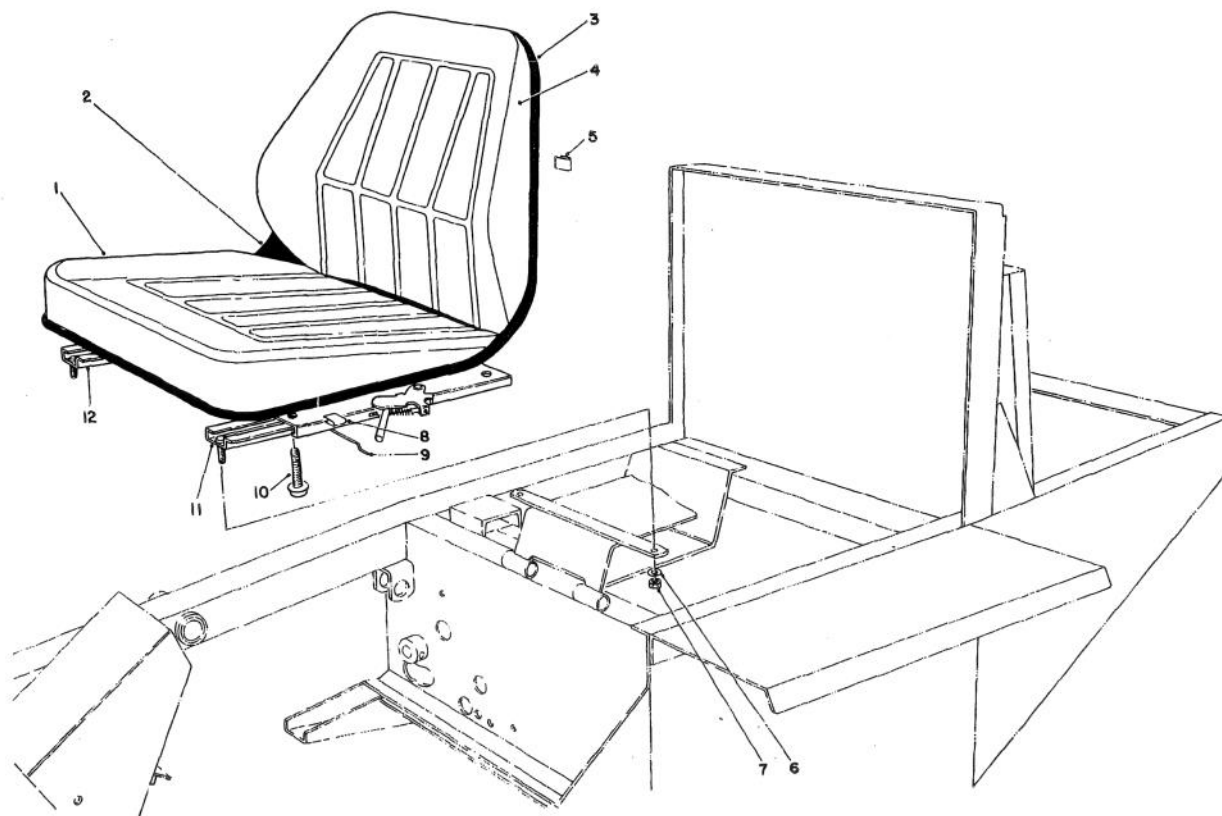
Ref. No.	Part No.	Description	No. Used
10	3217-9	Nut	2
11	3253-7	Lockwasher	4
12	24-2660	Outside Weight	2
13	325-4	Capscrew	2
14	24-2630	Stop	1
15	25-1350	Pin	1
16	24-2670	Inside Weight	2
17	325-22	Capscrew	2
*	11-0390	Chains (1 Pair)	1

*Not Illustrated



V-PLOW MODEL NO. 30750 (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	23-9960	V-Plow	1	7	24-5570	Scraper Blade	2
2	18-2180	Decal	1	8	24-5540	Skid	2
3	3290-243	Lynch Pin	2	9	3217-9	Nut	10
4	20-4370	Spacer Tubes	10	10	3253-7	Lockwasher	10
5	325-6	Capscrew	1	11	3233-2	Carriage Bolt	10
6	3218-5	Jam Nut	1	12	24-5530	Nose Skid	1

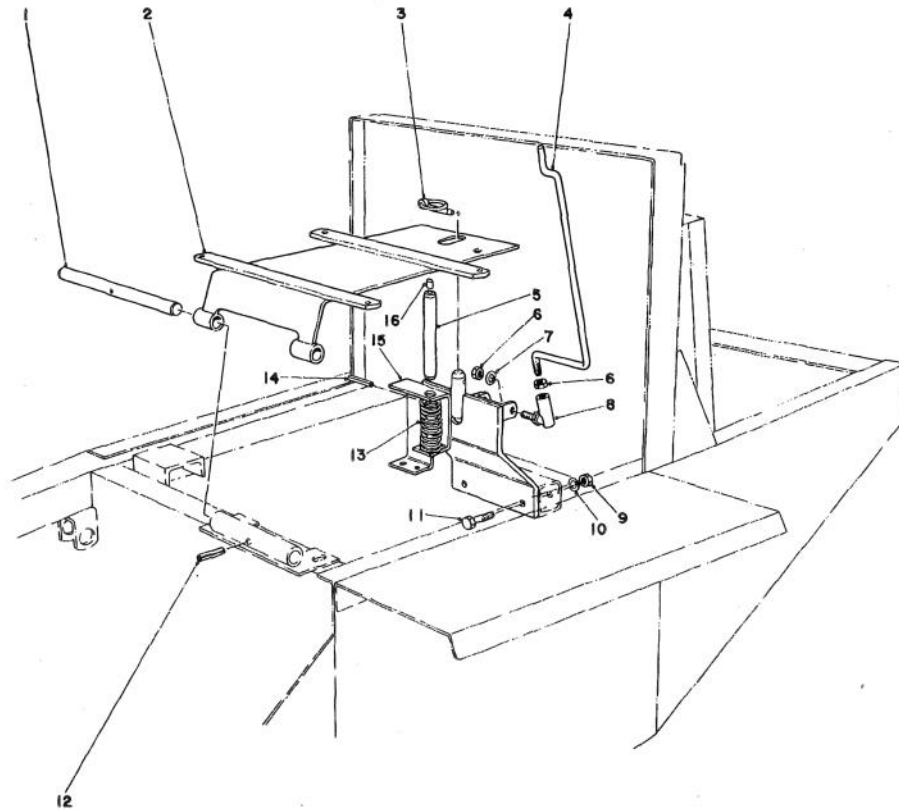


STANDARD SEAT KIT MODEL NO. 30785

Ref. No.	Part No.	Description	No. Used
1	351-76	Seat — Cushion (Incl. Ref. #5 & 8)	1
2	351-77	Shell	1
3	351-78	Edging	2
4	351-75	Backrest (Incl. Ref. #5 & 8)	1
5	351-79	Clip	6
6	3253-4	Lock Washer	4
7	3217-6	Nut	4

Ref. No.	Part No.	Description	No. Used
8	351-80	Clip	1
9	52-4890	Connecting Rod	1
10	3234-5	Capscrew Flange Hd.	4
11	51-0790	Adjuster L.H.	1
12	52-4880	Adjuster R.H.	1
*	49-8130	Seat Assembly (Incl. Ref. #1-5 & 8)	1

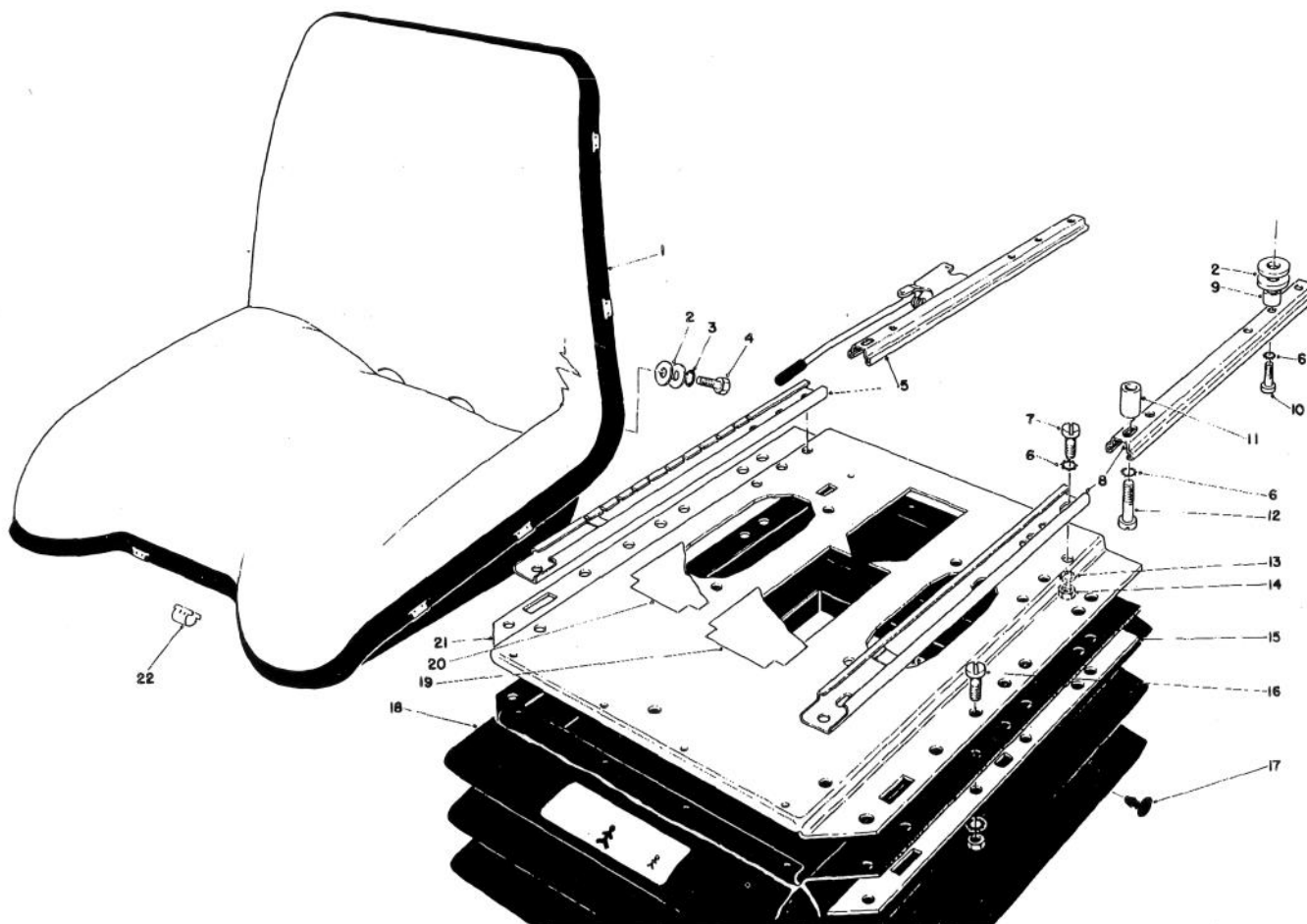
*Not Illustrated



STANDARD SEAT KIT MODEL NO. 30785 (Continued)

Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	36-7550	Seat Support	1
3	3290-243	Lynch Pin	1
4	37-9580	Seat Prop	1
5	27-9870	Pin — Seat Switch	1
6	3220-2	Jam Nut	2
7	3253-24	Lockwasher	1
8	37-9570	Ball Joint	1

Ref. No.	Part No.	Description	No. Used
9	3217-7	Nut	2
10	3253-21	Lockwasher	2
11	323-12	Capscrew	2
12	32121-4	Spring Pin	1
13	28-0570	Spring Compression	1
14	32121-6	Spring Pin	1
15	27-9830	Seat Support Bracket	1
16	28-6180	Pin — Plastic	1

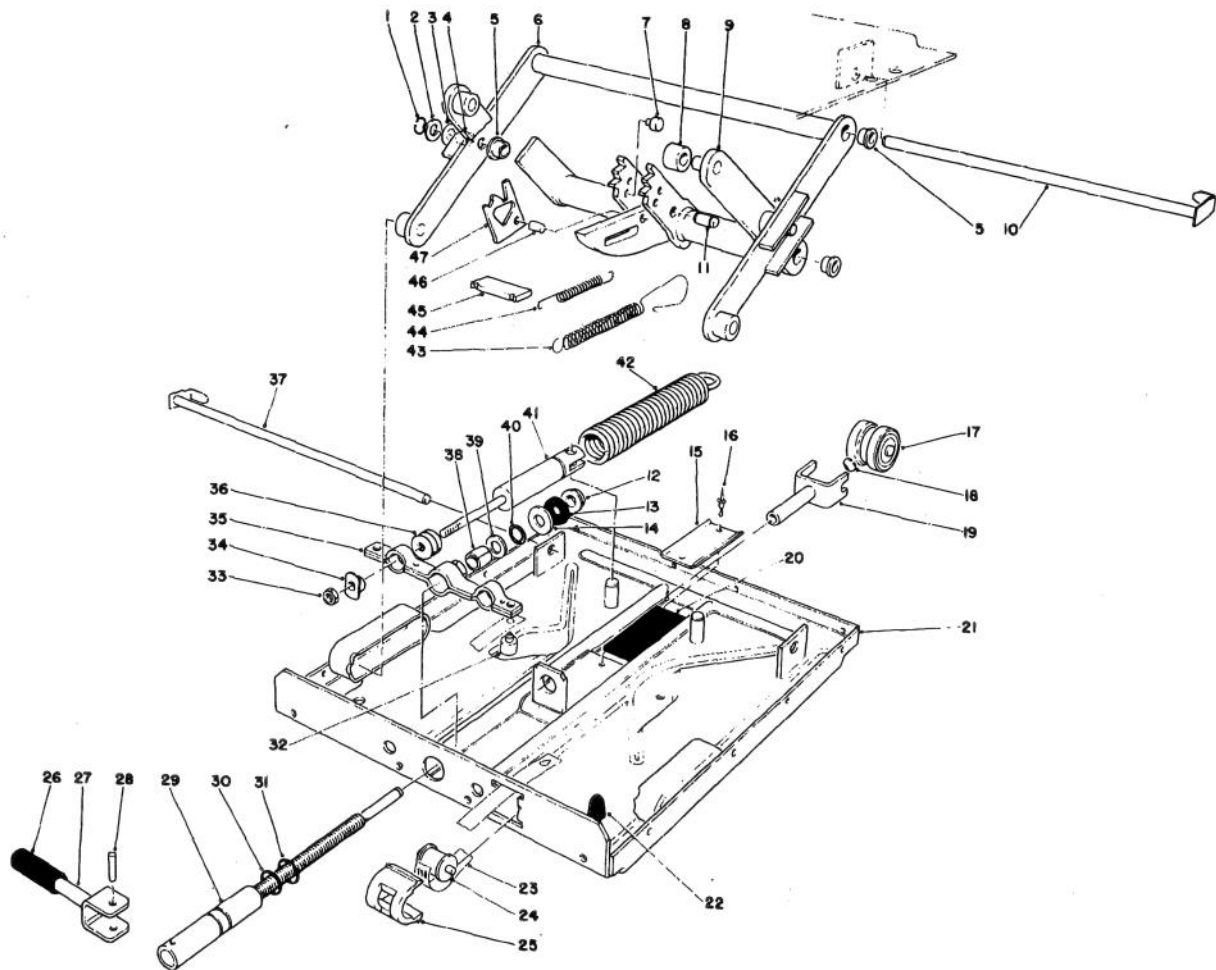


DELUXE SEAT KIT MODEL NO. 30786

Ref. No.	Part No.	Description	No. Used
1	39-5730	Seat Bucket Complete	1
2	39-5690	Washer 13 MM	8
3	39-5680	Serrated Washer	2
4	39-5670	Capscrew 7/16 - 20 U.N.F.	2
5	40-3790	Adjustment Track & Latch	1
6	40-3800	Serrated Washer	8
7	40-3810	Cylinder Bolt M8X16	4
8	40-3820	Adjustment Track	1
9	40-3830	Sleeve	2
10	40-3840	Cylinder Bolt M8X25MM	2
11	40-3850	Sleeve	2
12	40-3860	Cylinder Bolt	2

Ref. No.	Part No.	Description	No. Used
13	40-3870	Spring Washer	6
14	40-3880	Nut M8	6
15	40-3890	Trim	2
16	39-9220	Capscrew M8X16	6
17	39-5710	Plug	24
18	40-3900	Rubber Bellows	1
19	40-3910	Cover - Center	1
20	40-3920	Cover	2
21	40-3930	Upper Suspension Plate Complete	1
22	39-9540	Outside Bead Clip	13
*	37-9630	Seat ASM - Complete	1

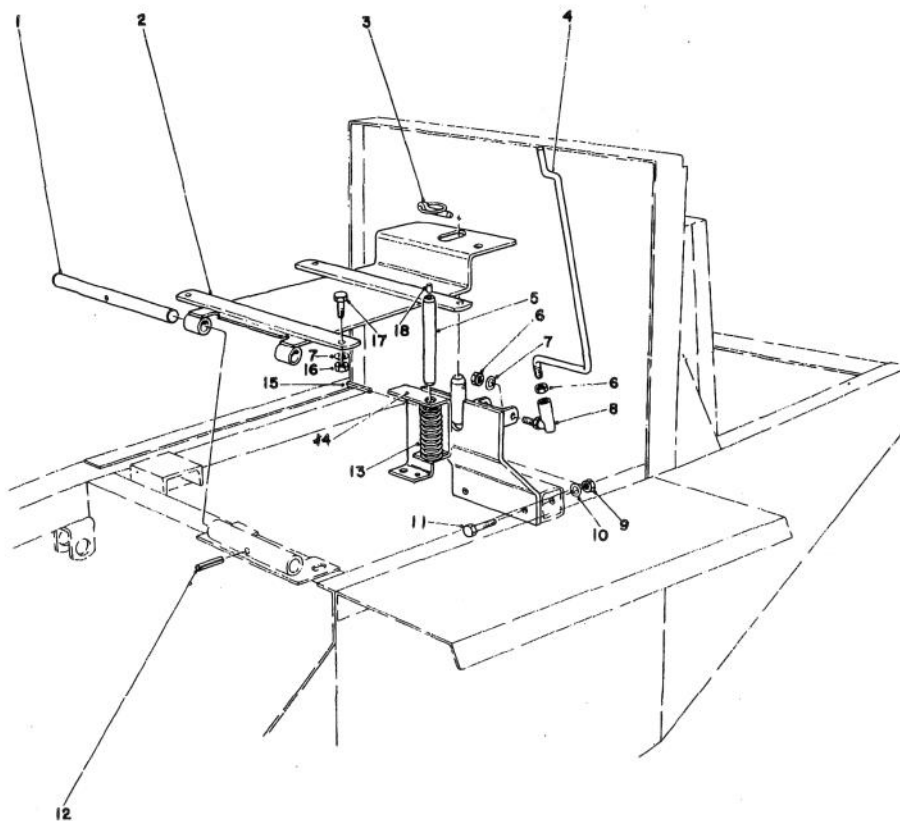
*Not Illustrated



DELUXE SEAT KIT MODEL NO. 30786 (Continued)

Ref. No.	Part No.	Description	No. Used
1	40-3950	Washer	2
2	39-9500	Washer 13 MM	2
3	40-3960	Washer	2
4	40-3970	Bearing Bushing	2
5	40-3980	Bearing	4
6	40-3990	Swing Arm – Outside	1
7	40-4000	Bolt	2
8	40-4010	Roller	4
9	40-4020	Swing Arm Inside	1
10	40-4030	Pin	1
11	40-4040	Grooved Locking Pin 08X16MM	2
12	40-4050	Sleeve	1
13	40-4060	Rubber Washer	1
14	40-4070	Washer 8 MM	1
15	40-4080	U-Track	1
16	40-4090	Plate 4X 10MM	2
17	40-4100	Trible-Bearing	1
18	39-9310	Retaining Ring	1
19	40-4110	Fork	1
20	40-4120	Rubber Plate	1
21	40-4130	Lower Suspension Plate – Complete (Incl. Ref. #15-16 & 20)	1
22	39-9520	Rubber Bumper	2

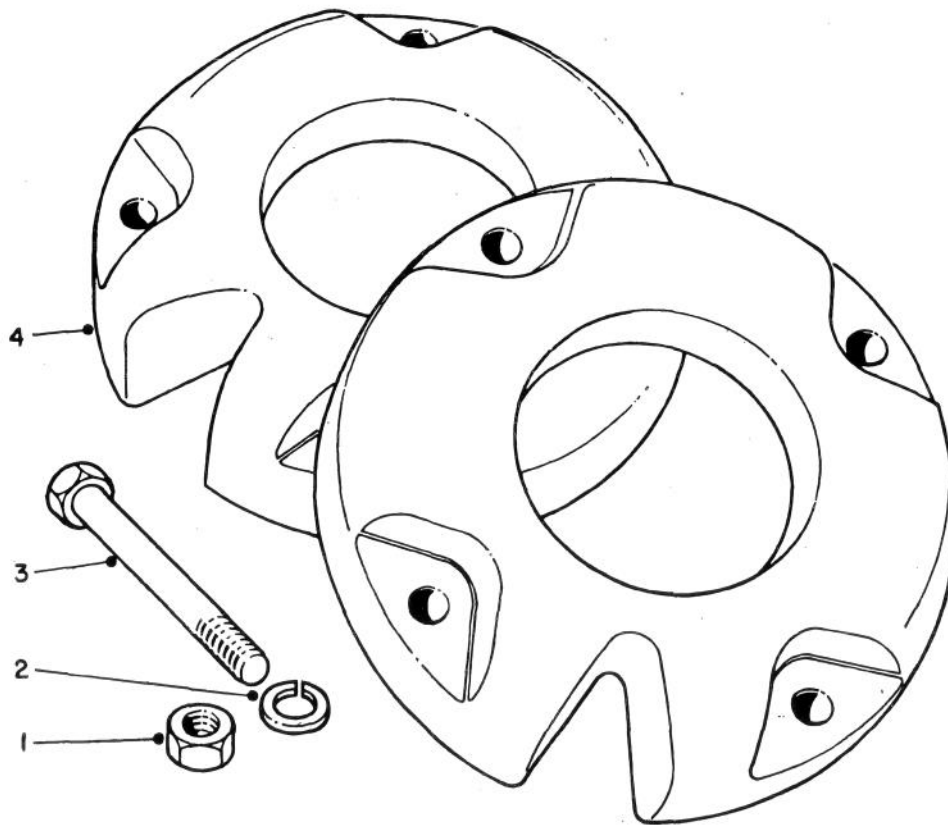
Ref. No.	Part No.	Description	No. Used
23	40-4140	Weight Indicator Band	1
24	40-4150	Roller	1
25	40-4160	Guide Sleeve	1
26	40-4170	Handle	1
27	40-4180	Toggle	1
28	40-4190	Grooved Pin 5X28MM	1
29	40-4200	Pin	1
30	40-4210	Rubber Ring 14MM Black	1
31	40-4220	Rubber Ring 14MM Red	1
32	40-4230	Plug	1
33	40-4240	Nut	2
34	40-4250	Weld Nut	2
35	40-4260	Spring Bracket	1
36	40-4270	Threaded Rod	2
37	40-4280	Pin	1
38	40-4290	Sleeve 14X 1X 19MM	1
39	40-4300	Washer	1
40	40-4310	Thrust Needle Bearing	1
41	40-4320	Shock Absorber	2
42	40-4330	Coil Spring	2
43	40-4340	Coil Spring	1
44	40-4350	Coil Spring	2
45	40-4360	Plate	1
46	40-4370	Bolt	1
47	40-4380	Release Bracket	2



DELUXE SEAT KIT MODEL NO. 30786 (Continued)

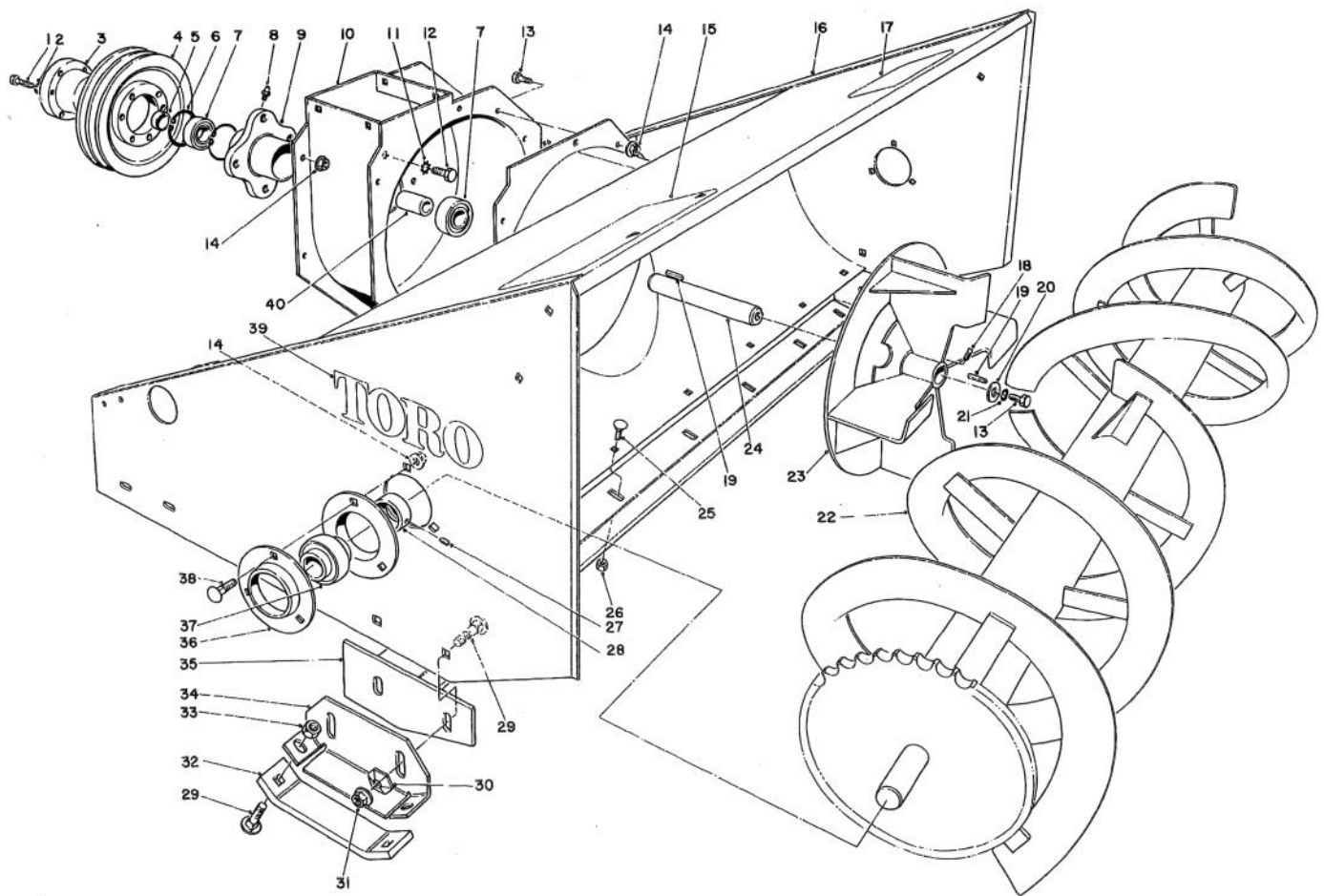
Ref. No.	Part No.	Description	No. Used
1	27-4720	Shaft	1
2	37-9600	Seat Support	1
3	3290-243	Lynch Pin	1
4	37-9580	Seat Prop	1
5	27-9870	Pin Seat Switch	1
6	3220-2	Jam Nut	2
7	3253-24	Lockwasher	5
8	37-9570	Ball Joint	1
9	3217-7	Nut	2

Ref. No.	Part No.	Description	No. Used
10	3253-21	Lockwasher	2
11	323-12	Capscrew	2
12	32121-4	Spring Pin	1
13	37-9590	Spring Compression	1
14	27-9830	Seat Support Bracket	1
15	32121-6	Spring Pin	1
16	3217-6	Nut	4
17	322-4	Capscrew	4
18	28-6180	Pin - Plastic	1



WHEEL WEIGHTS MODEL NO. 11-0440 (Optional)

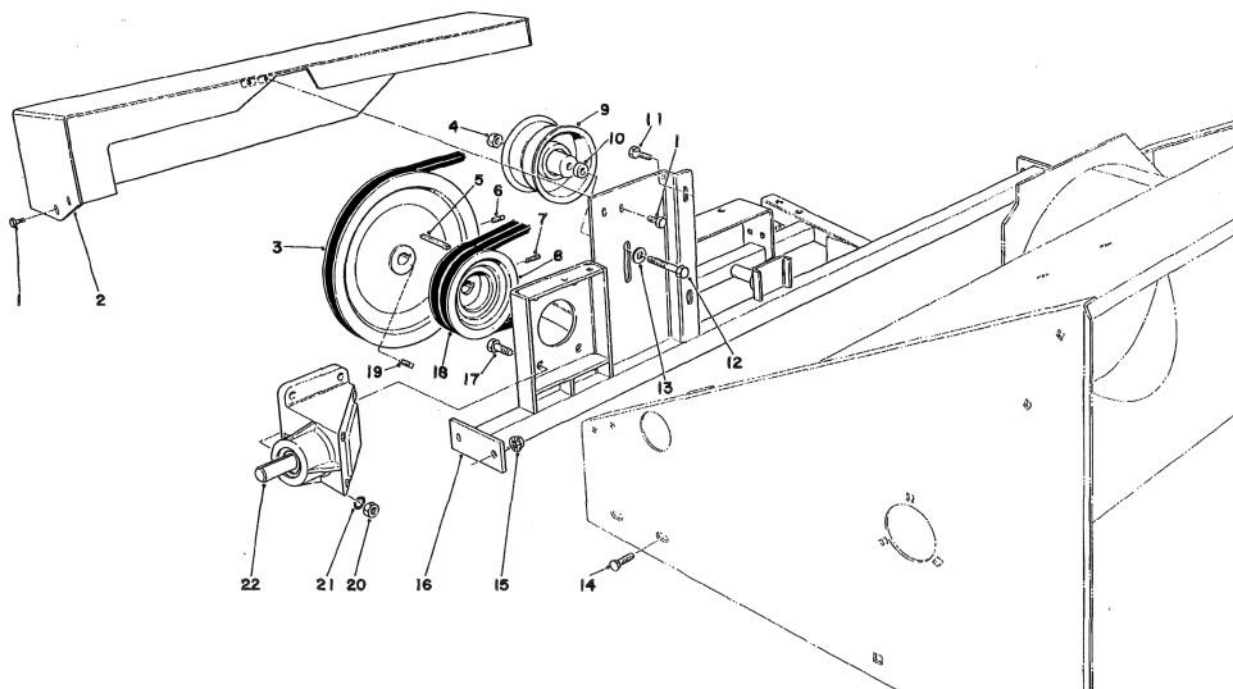
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3218-5	Nut	8	3	325-14	Capscrew	8
2	3253-7	Lockwasher	8	4	7-2111	Wheel Weight	2



48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-13	Screw, Cap Hex Hd.	3
2	3253-3	Lockwasher	3
3	46-3650	Hub — "QD" (Incl. Ref. #1 & 2)	1
4	46-3640	Pulley — "QD"	1
5	37-5170	Spacer	1
6	32151-20	Snap Ring	2
7	251-276	Bearing	2
8	302-11	Grease Fitting	1
9	32-4950	Housing Spindle	1
10	39-5030	Blower Housing	1
11	3255-2	Lockwasher	4
12	3213-20	Capscrew	4
13	322-3	Capscrew	9
14	32128-20	Flange Nut	16
15	46-5860	Decal — Rear Weight	1
16	39-5010	Auger Housing	1
17	29-6350	Decal — Warning	1
18	3243-1	Square Head Setscrew	2
19	31-0700	Square Key	2
20	3-6715	Flat Washer	1

Ref. No.	Part No.	Description	No. Used
21	3253-4	Lockwasher	1
22	32-6140	Auger	1
23	32-6130	Impeller	1
24	37-5240	Shaft — Impeller	1
25	3230-19	Carriage Bolt	7
26	3296-47	Locknut	7
27	3245-1	Set Screw	2
28	251-77	Locking Collar	2
29	3231-2	Carriage Bolt	8
30	3290-224	Pyramidal Lockwasher	4
31	32128-18	Flange Nut	4
32	37-5110	Skid — Shoe	2
33	32152-2	Locknut	4
34	37-4950	Skid — Mount Plate	2
35	37-5380	Scraper	1
36	251-287	Flange	4
37	251-253	Bearing (Incl. Ref. #27 & 28)	2
38	3230-18	Carriage Bolt	6
39	27-4600	Decal — Toro	2
40	31-0540	Sleeve	1

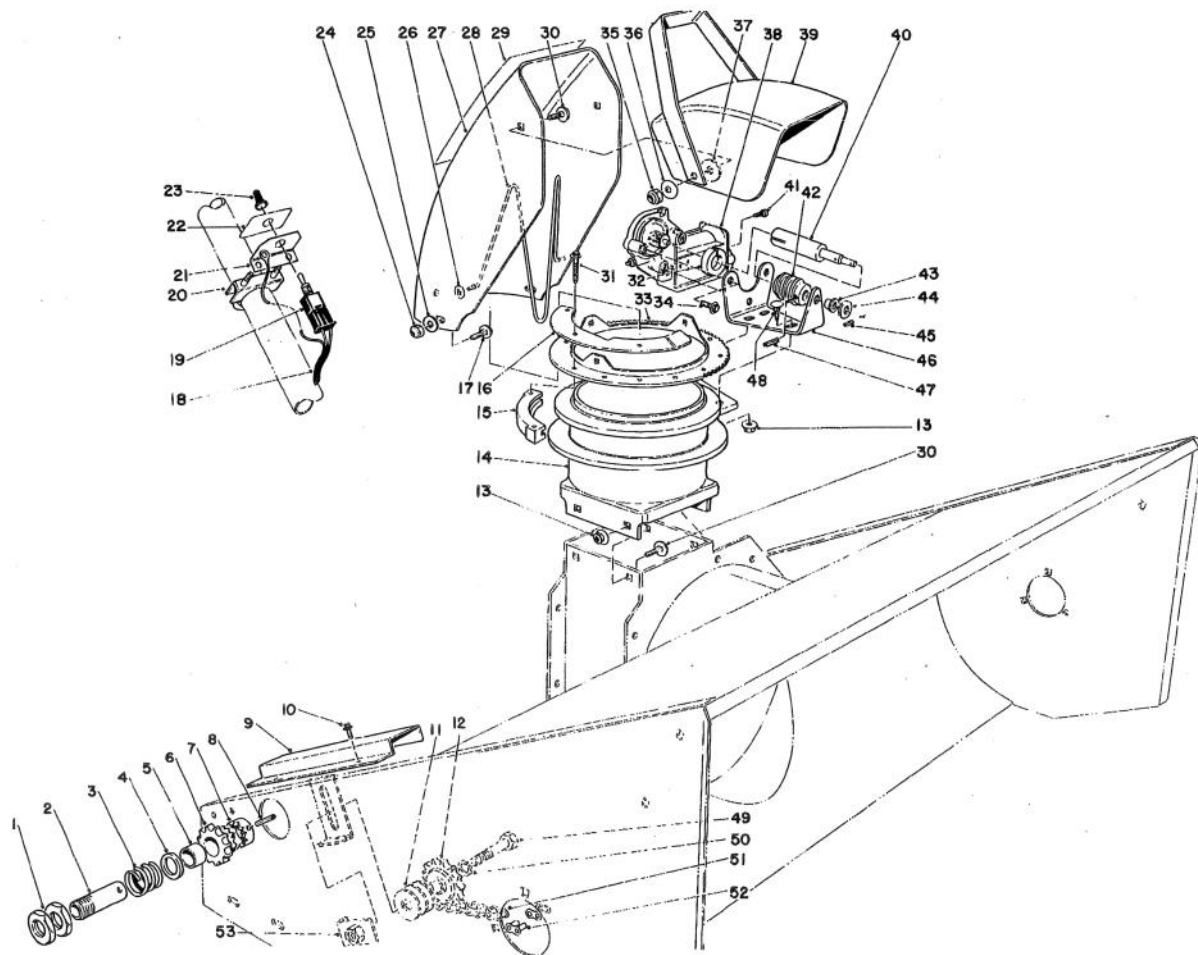


48" SNOWTHROWER MODEL NO. 30570 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
*1	3234-13	Flange Screw	4
*2	39-4560	Belt Shield	1
3	32-4480	Sheave	1
4	32152-2	Locknut	1
5	3-0971	Key	1
6	3242-2	Sq. Hd. Setscrew	1
7	3242-6	Sq. Hd. Setscrew	2
8	37-5090	Pulley — Gear Box	1
9	37-5760	Idler Pulley	1
10	37-5210	Spacer — Idler	1
11	322-3	Capscrew	2

Ref. No.	Part No.	Description	No. Used
12	323-11	Capscrew	1
13	3256-3	Flatwasher	1
14	3231-30	Carriage Bolt	4
15	3290-357	Hex Locknut	4
16	37-5400	Cross Brace	1
17	323-7	Capscrew	4
18	37-5670	V-Belt (Matched Set of 2)	1
19	3242-4	Sq. Hd. Setscrew	1
20	3217-7	Hexnut	4
21	3253-21	Lockwasher	4
22	37-5410	Gear Box Assembly	1

*Included in Adapter Kit Model No. 30571.



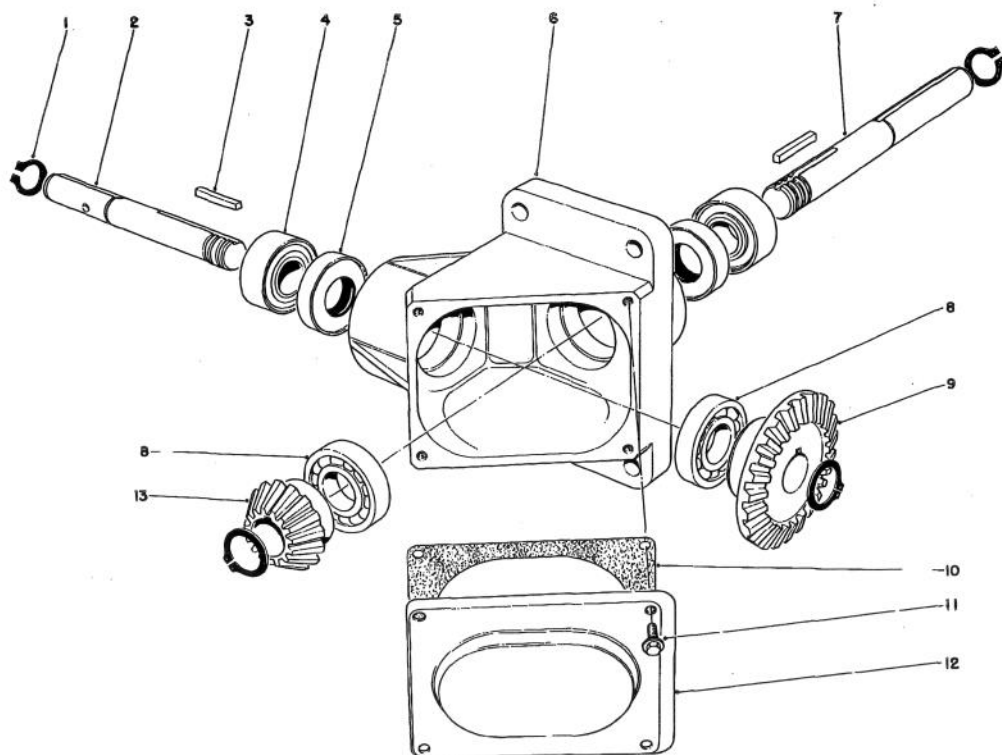
48" SNOWTHROWER MODEL NO. 30570 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	37-5720	Nut — Thin	2
2	37-5700	Clutch Sleeve	1
3	37-5710	Spring Compression	1
4		Spacer	1
5		Bushing	1
6	37-5680	Clutch Sprocket	1
7	37-5690	Clutch Collar	1
8	32121-34	Roll Pin	1
9	32-1620	Chain Cover	1
10	32104-76	Self-Tapping Screw	2
11	3256-7	Flatwasher	3
12	30-0090	Idler Sprocket	1
13	3290-357	Locknut	7
14	39-4870	Chute Transition	1
15	25-5450	Swivel Block	6
16	39-4900	Stop-Chute Rotator	1
17	3230-18	Carriage Bolt	3
18	39-4990	Wire Harness	1
19	6-1659	Toggle Switch (Incl. Ref. #23)	1
†20	2112-9	Clamp	1
21		Toggle Switch Mount	1
22	39-4970	Decal — Chute Rotation	1
23	218-473	Toggle Switch Boot	1
24	3296-47	Locknut	3
25	3256-23	Flatwasher	3
26	3290-326	Pushnut	2
27	25-5440	Upper Chute	1
28	12-2040	Chute Wire	1

Ref. No.	Part No.	Description	No. Used
29	29-6350	Decal — Warning	1
30	3231-27	Carriage Bolt	6
31	27-0220	Special Screw	12
32	39-4940	Collar	1
33	39-4890	Ring — Chute Swivel	1
34	3234-13	Flange Screw	3
35	32152-2	Locknut	2
36	3290-340	Belleville Washer	2
37	20-4320	Rubber Washer	2
38	39-4920	Gearmotor	1
39	11-7120	Deflector	1
40	39-4930	Shaft — Worm Gear	1
41	3274-26	Socket Head Screw	1
42	8-8600	Worm Gear	1
43	256-255	Bushing	1
44	3256-1	Flatwasher	2
45	32121-20	Roll Pin	1
46	39-4910	Motor Mount	1
47	32121-50	Roll Pin	1
48	3231-2	Carriage Bolt	3
49	327-6	Capscrew	1
50	3253-8	Lockwasher	1
51	30-0160	Chain — Roller	1
52	2710-11	Connecting Link	1
53	30-0450	Nut Plate	1
*	37-5640	Slip Clutch (Incl. Ref. #1-8)	1
*	39-4950	Toggle Switch Assembly (Incl. Ref. #19 & 21-23)	1

*Not Illustrated

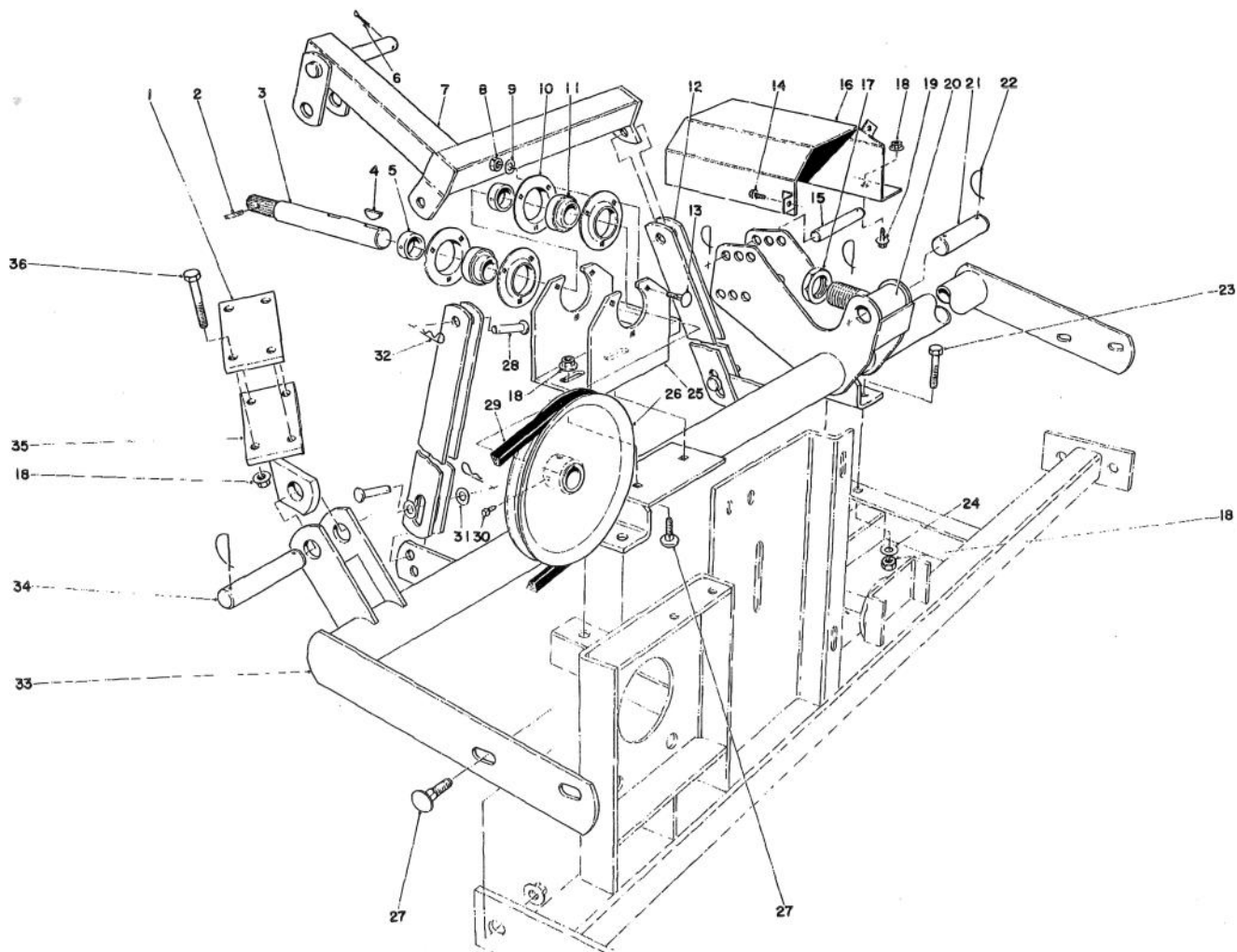
†Included in Adapter Kit Model No. 30571.



48" SNOWTHROWER MODEL NO. 30570 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	32120-72	Retaining Ring	4
2	30-0590	Shaft	1
3	30-0660	Key	2
4	30-0630	Bearing	2
5	30-0640	Oil Seal	2
6	30-0650	Housing	1
7	37-5840	Shaft	1

Ref. No.	Part No.	Description	No. Used
8	30-0620	Bearing	2
9	30-0670	Gear	1
10	30-0680	Gasket — Cover Plate	1
11	12-3270	Screw Special	4
12	30-0690	Cover Plate	1
13	30-0600	Gear	1

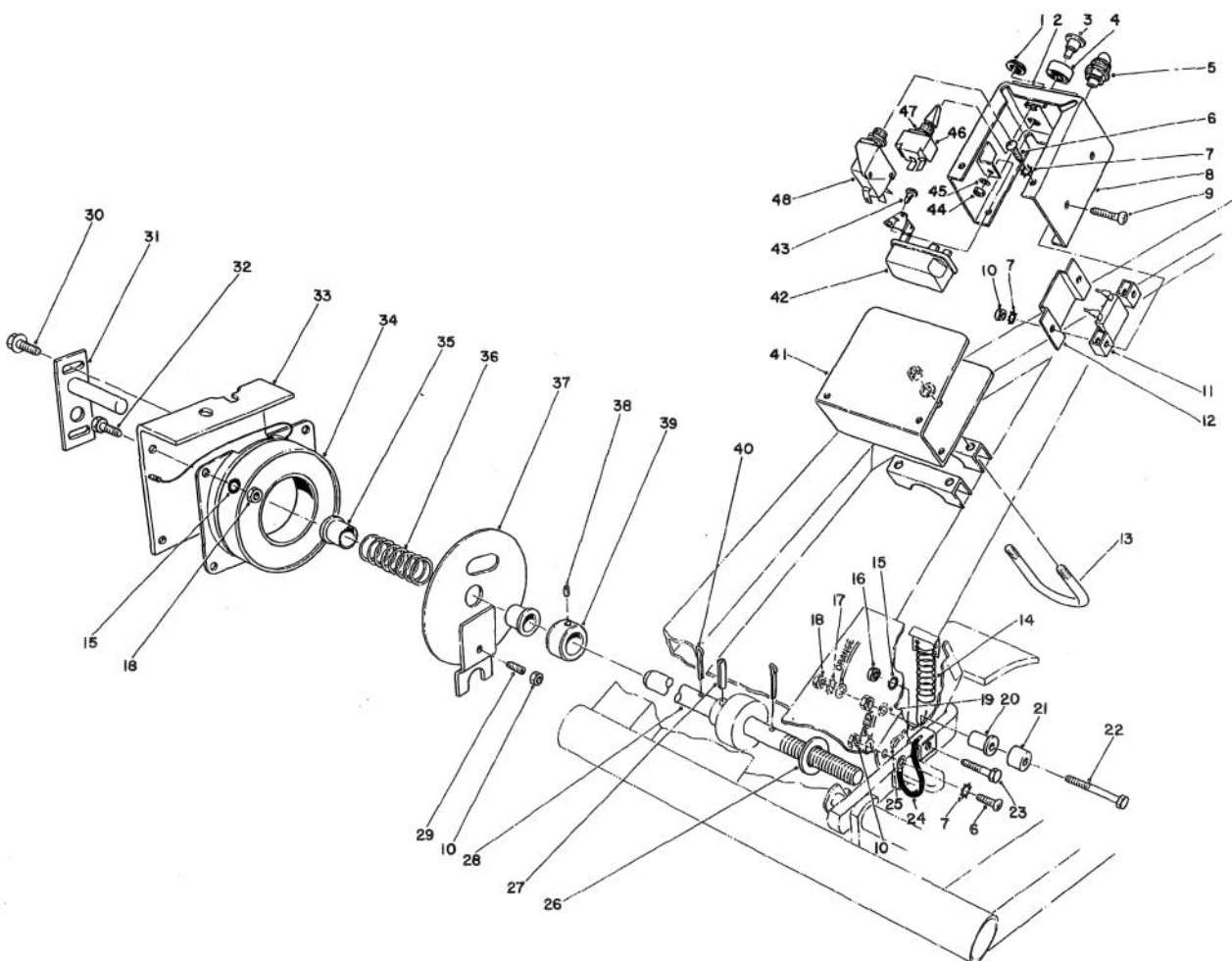


ADAPTER KIT 48" SNOWTHROWER MODEL NO. 30571 (Optional)

Ref. No.	Part No.	Description	No. Used
1	24-2690	Clamp Plate	1
2	32121-9	Roll Pin	1
3	39-4370	Jackshaft	1
4	3257-8	Key — Woodruff	1
5	251-77	Collar	2
6	3272-33	Cotter Pin	1
7	39-4310	Lift Arm	1
8	3217-6	Hex Nut	6
9	3253-24	Lockwasher	6
10	251-287	Flange — 3 Hole	4
11	251-253	Bearing (Incl. Ref. #5)	2
12	39-4340	Strap — Lift	4
13	3230-2	Carriage Bolt	6
14	3234-13	Flange Screw	2
15	39-4350	Pin	2
16	39-4600	Power Take Off Shield	1
17	21-3000	Jam Nut	1
18	3290-357	Flange Nut	11
19	3234-12	Flange Screw	1

Ref. No.	Part No.	Description	No. Used
20	23-9930	Push Pin	1
21	25-1350	Pin	1
22	5-3126	Spring Pin	8
23	323-12	Capscrew	4
24	29-4730	Washer	4
25	37-5610	Jackshaft Support	1
26	39-4380	Pulley	1
27	3231-2	Carriage Bolt	6
28	283-42	Clevis Pin	4
29	39-4390	V-Belt	1
30	3242-2	Square Head Setscrew	2
31	3256-24	Washer	4
32	3290-255	Hair Pin	4
33	39-4220	Hitch Adapter	1
34	5-3505	Pin	1
35	24-2680	Push Arm Bracket	1
36	323-14	Capscrew	4
*	37-5790	Reflector	2
*	32104-42	Self-Tapping Screw	4

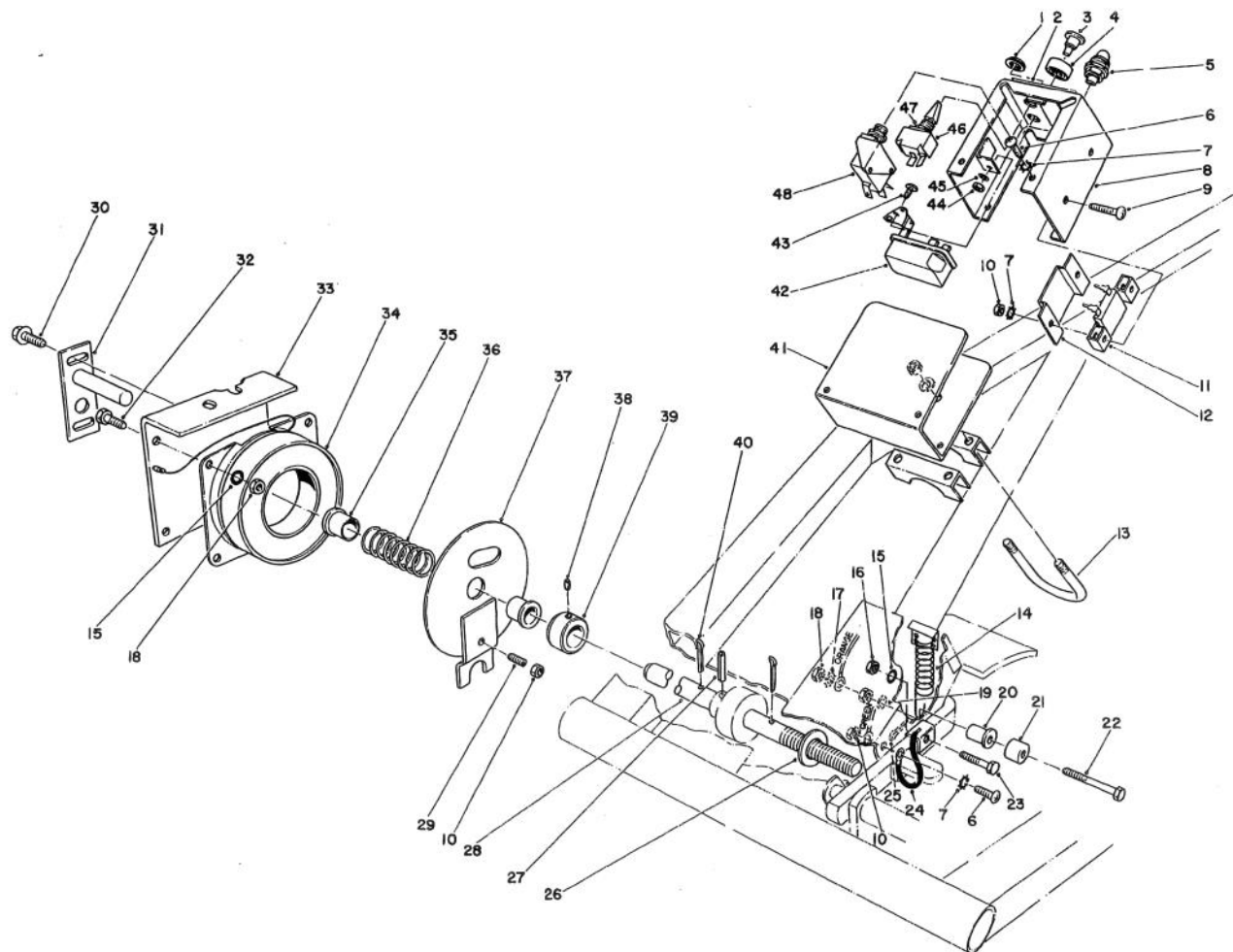
*Not Illustrated



CRUISE CONTROL KIT MODEL NO. 30777 (Optional)

Ref. No.	Part No.	Description	No. Used
1	218-497	Facenut — Beveled	1
2	43-6210	Decal — Speed Control	1
3	43-6280	Push Button	1
4	43-6420	Bezel	1
5	40-6410	Warning Light	1
6	3251-2	Rd. Hd. Machine Screw	5
7	3255-5	Ext. Tooth Lockwasher	7
8	43-6340	Box Cover	1
9	32122-44	Truss Hd. Machine Screw	2
10	3217-26	Hex Nut	4
11	43-6400	Resistor	1
12	43-6120	Resistor Guard	1
13	2412-76	Muffler Clamp Assembly	2
14	43-6190	Extension Spring Assembly	1
15	3253-3	Lockwasher	5
16	3218-1	Jam Nut	1
17	3255-7	Ext. Tooth Lockwasher	1
18	3217-5	Hex Nut	6
19	3256-22	Washer	1
20	32117-1	Blind Nut	1
21	43-6270	Contact Spacer	1
22	321-10	Hex Hd. Capscrew	1

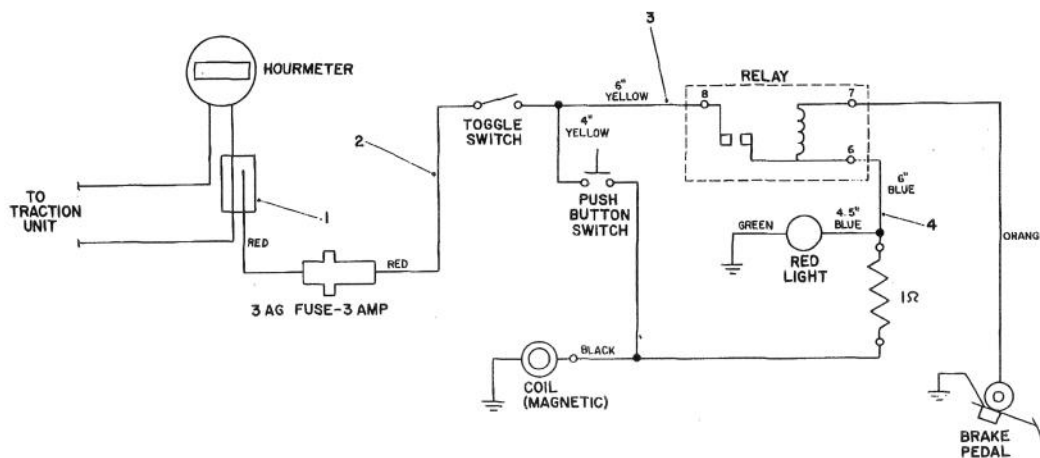
Ref. No.	Part No.	Description	No. Used
23	321-4	Hex Hd. Capscrew	1
24	43-6260	Grounding Clip Assy. (w/wire)	1
25	3272-48	Cotter Pin	1
26	43-8440	Spacer	1
27	32121-16	Roll Pin	1
28	43-6130	Traction Pedal Shaft	1
29	3245-31	Socket Hd. Set Screw	1
30	3234-13	Hex Hd. Flange Screw	2
31	43-6170	Shaft	1
32	321-2	Hex Hd. Capscrew	4
33	43-6310	Bracket	1
34	42-1720	Field Core Coil Assembly	1
35	256-273	Flange Bushing	2
36	43-6200	Spring	1
37	43-6110	Clutch Plate	1
38	3245-32	Socket Hd. Set Screw	1
39	43-6320	Collar (Incl. Ref. #38)	1
40	3272-6	Cotter Pin	2
41	43-6330	Box	1
42	43-7980	Relay Switch	1
43	3249-2	Rd. Hd. Machine Screw	1
44	3217-29	Hex Nut	1



CRUISE CONTROL KIT MODEL NO. 30777 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
45	3254-9	Ext. Tooth Lockwasher	1
46	28-4110	Light Switch (Incl. Ref. #1 & 47)	1

Ref. No.	Part No.	Description	No. Used
47	218-498	Locknut	1
48	43-6290	Switch	1



CRUISE CONTROL KIT MODEL NO. 30777 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	218-529	Connector — Tap	1
2	43-6370	Wire Harness	1
3	43-6380	Wire Assembly	1

Ref. No.	Part No.	Description	No. Used
4	43-6390	Wire Assembly	1
*	3290-379	Cable Tie	5

*Not Illustrated

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 Groundsmaster 327 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 in front of the seat. In any correspondence concerning the Groundsmaster 327, 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 Groundsmaster 327.
2. Part number, description, and quantity of part(s) desired.

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

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