

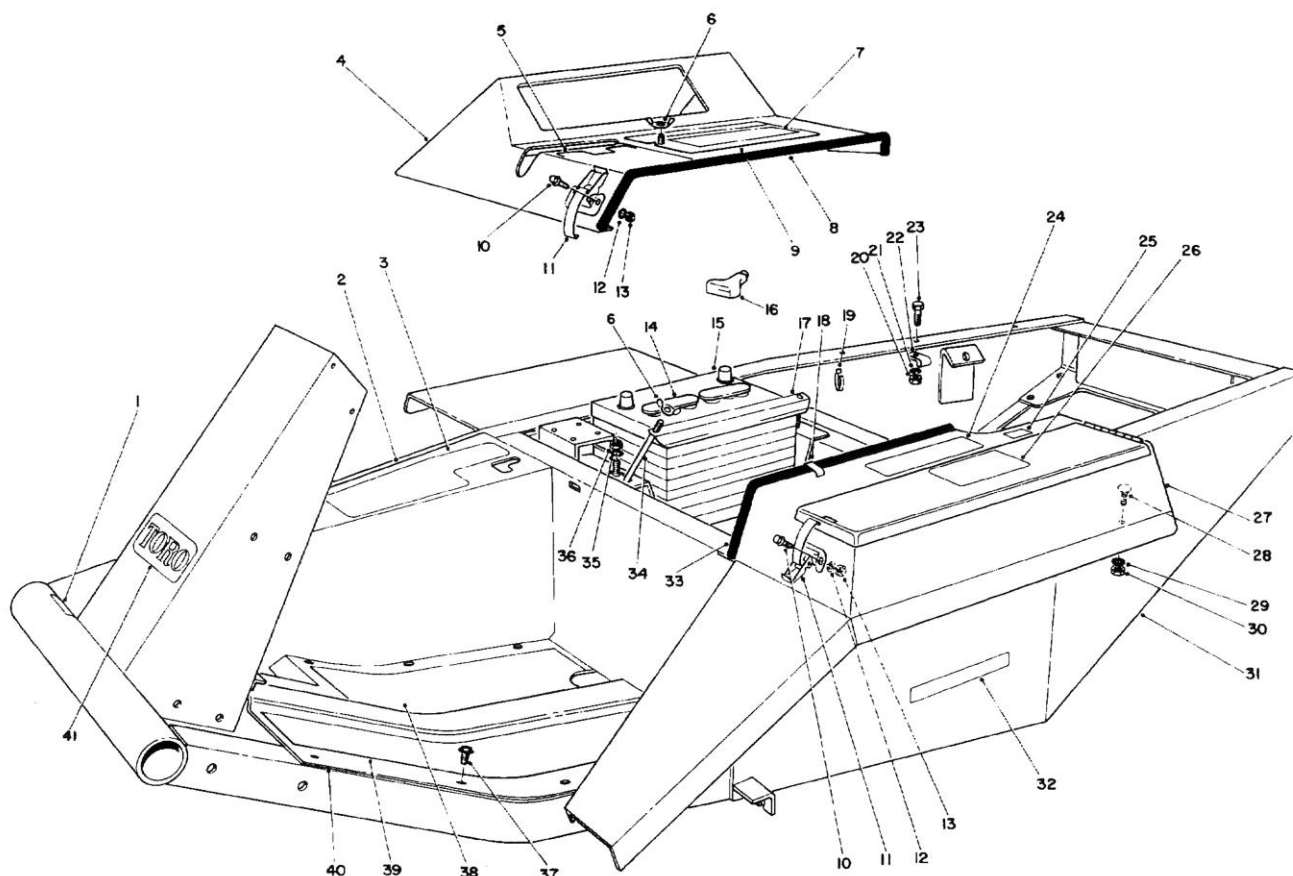
TORO®

MODEL NO. 30787 — 80001 & UP
 MODEL NO. 30721 — 80001 & UP
 MODEL NO. 30710 — 80001 & UP

PARTS CATALOG

GROUNDMASTER 327

(WITH POWER STEERING)

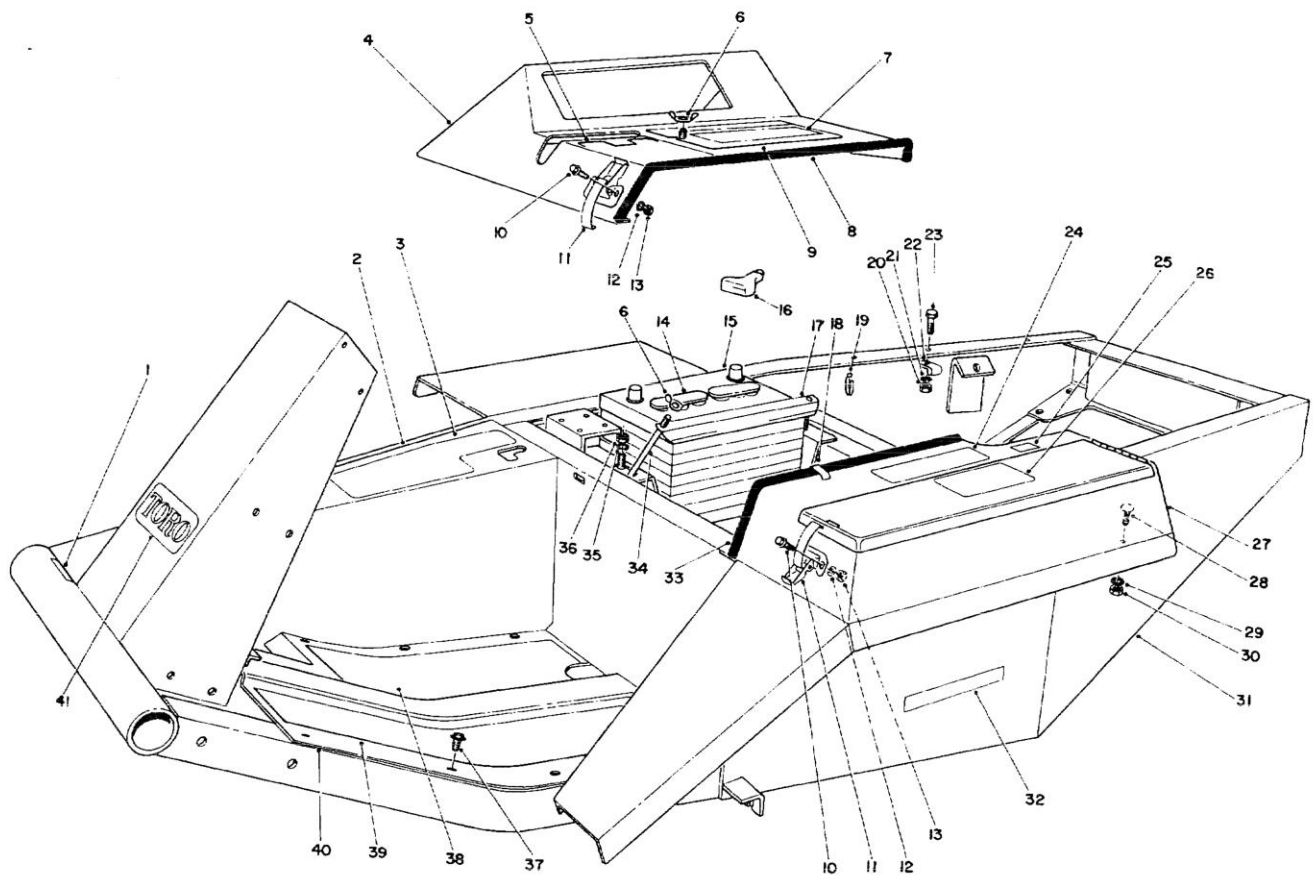


MAIN FRAME

Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal Traction Pedal	1
2	21-2660	Footrest	1
3	66-6390	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†		Battery Group Size 24	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	2
21	3253-21	Lockwasher	2
22	2412-39	Clamp	2
23	323-6	Capscrew	2
24	67-1710	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

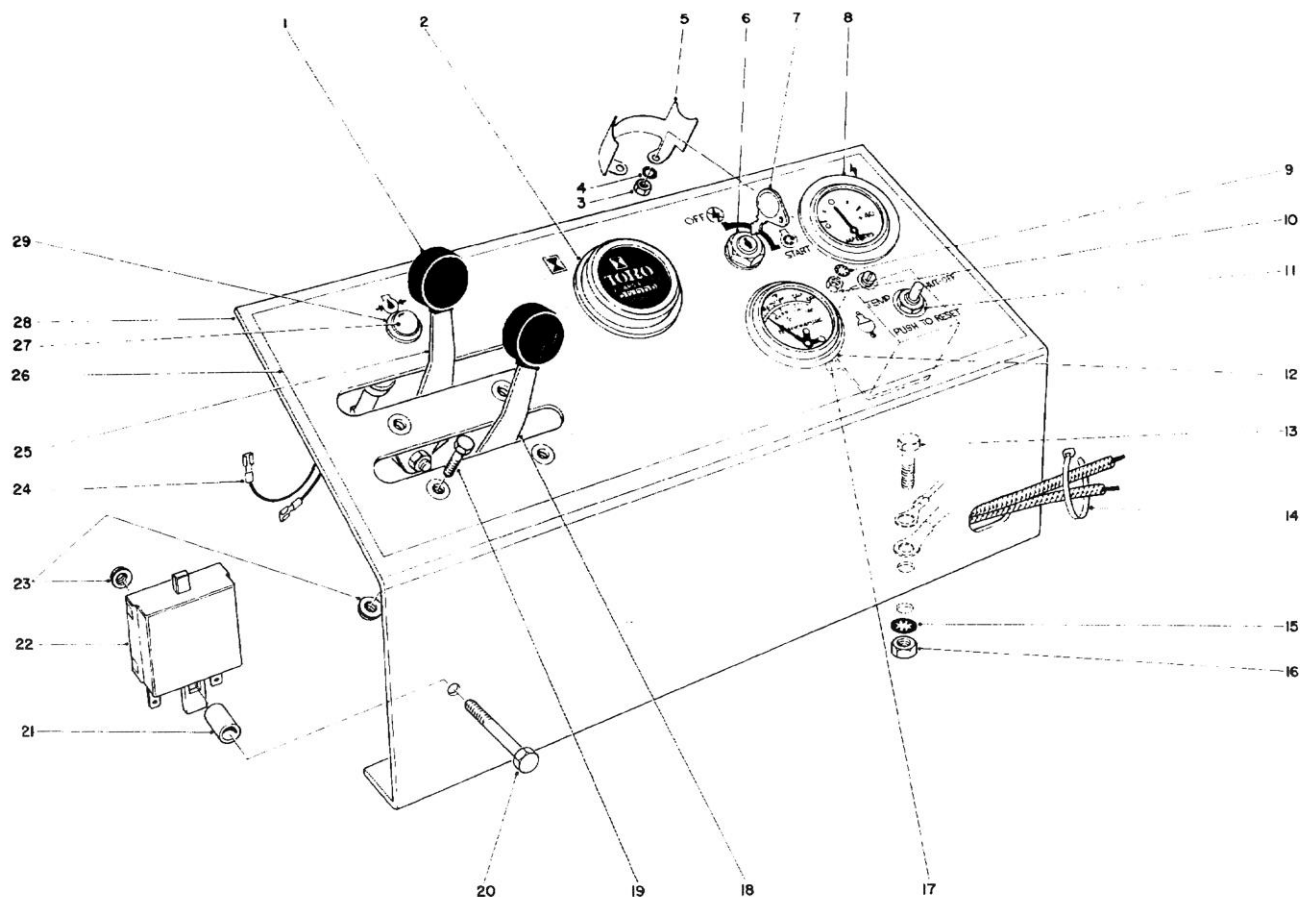
†Obtain locally.



MAIN FRAME (Continued)

Ref. No.	Part No.	Description	No. Used
31	63-9000	Frame	1
32	67-1720	Decal Torque	2
33	37-9650	Trim	1
34	24-6390	Stud Battery Hold Down	2
35	3253-4	Lockwasher	2
36	3217-6	Nut	2

Ref. No.	Part No.	Description	No. Used
37	12-3270	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
41	63-3280	Decal	1

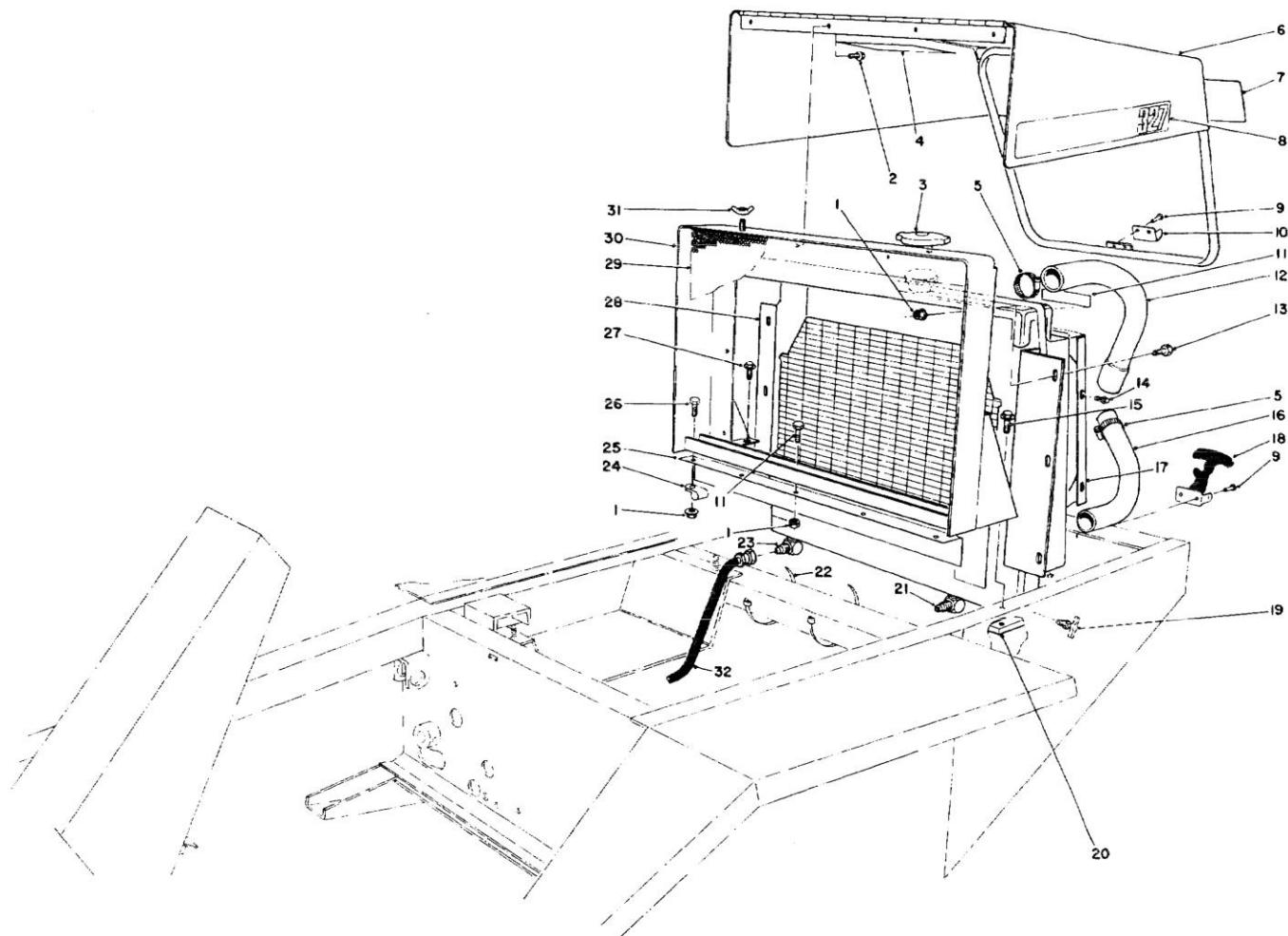


INSTRUMENT PANEL ASSEMBLY

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	3254-1	Lockwasher	2
5	38-1670	Mounting Clamp	1
6	27-2360	Key Switch	1
7	62-7770	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	322-5	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

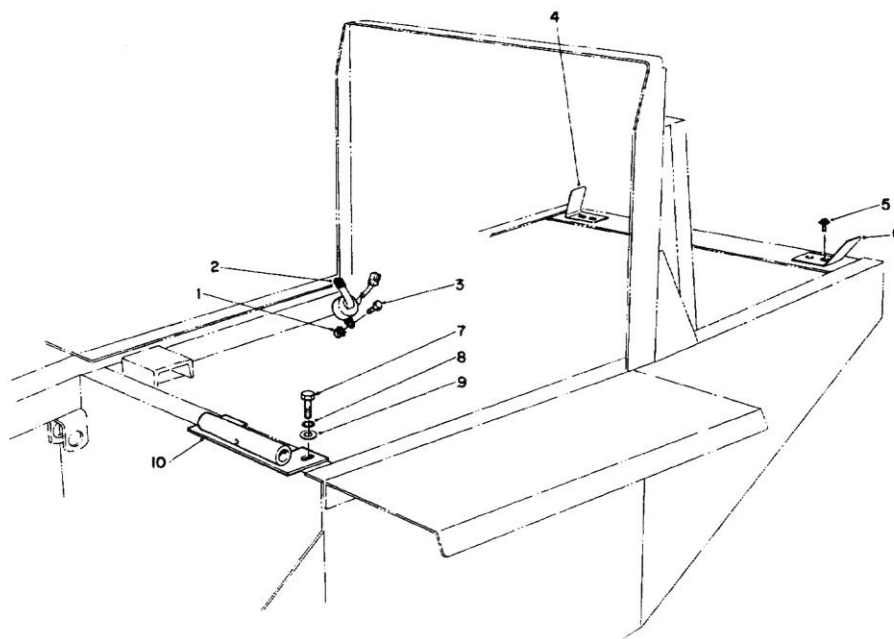
†Obtain locally.



RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128-20	Nut	11
2	32144-10	Screw Self Tapping	4
3	18-2660	Radiator Pressure Cap	1
4	26-7530	Decal Engine Coolant	1
5	2412-3	Hose Clamp	2
6	12-5889	Hood	1
7	66-6140	Decal Toro	1
8	54-7570	Decal Groundsmaster 327	2
9	3269-16	Rivet	4
10	60-8660	Keeper	1
11	54-0890	Decal Warning	1
12	26-9890	Hose Upper	1
13	3234-14	Capscrew	10
14	32104-116	Screw Hex Hd.	8
15	3234-1	Screw — Hex Flange	2
16	26-9900	Hose Lower	1

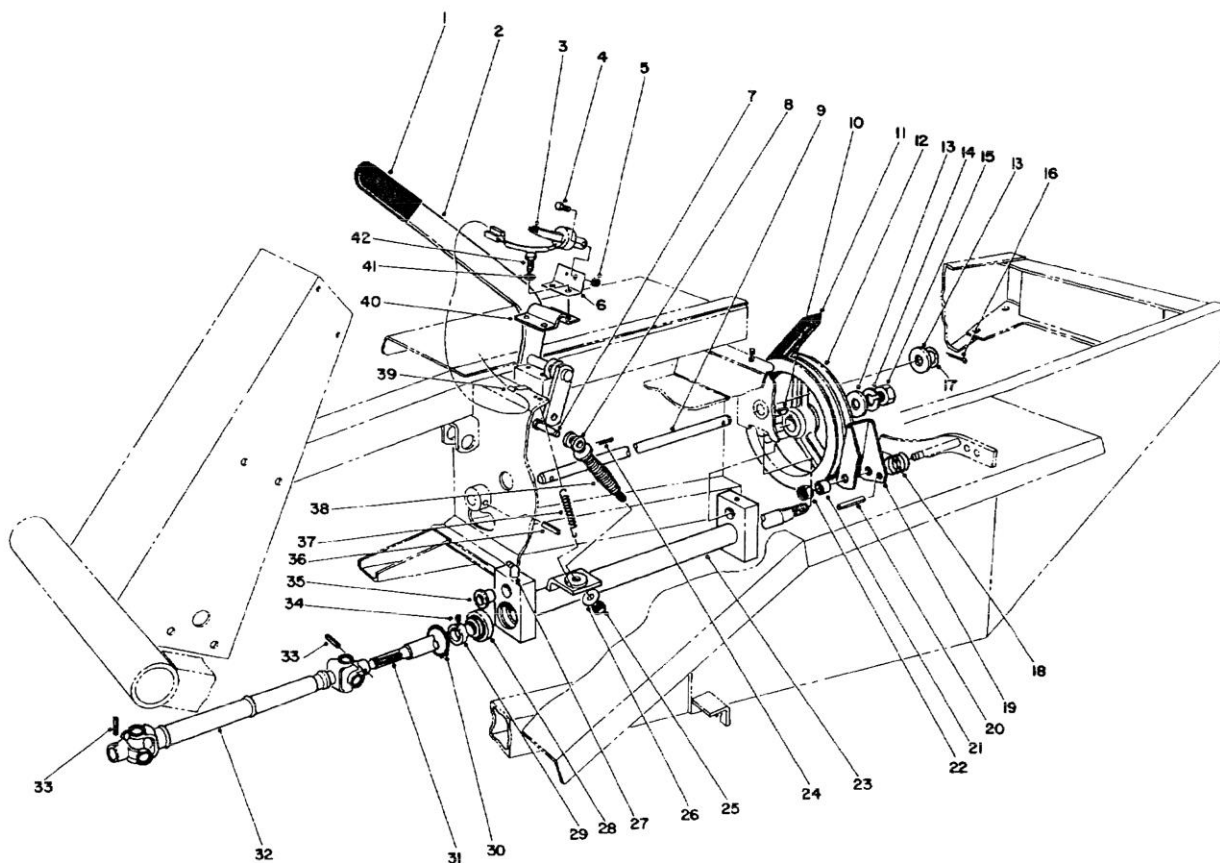
Ref. No.	Part No.	Description	No. Used
17	52-1530	Radiator Shroud	1
18	60-8670	Flexible Draw Latch	1
19	304-46	Drain Cock	1
20	38-4600	Bar Frame	1
21	340-112	Elbow — 90°	1
22	3290-379	Cable Tie	2
23	340-111	Elbow — 90°	1
24	2412-39	Clamp	2
25	23-1760	Sealing Plate — Grille	1
26	322-5	Capscrew	1
27	11-0590	Capscrew Self Tapping	2
28	52-1500	Radiator Assembly	1
29	23-1770	Grille	1
30	23-1700	Radiator Support	1
31	32103-2	Wing Nut	2
32	65-4870	Hose, Valve/Cooler	1



INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut	1
2	29-6930	Switch	1
3	321-2	Capscrew	1
4	62-3010	Bracket, R.H.	1
5	46-8560	Screw, Self-Tapping	4

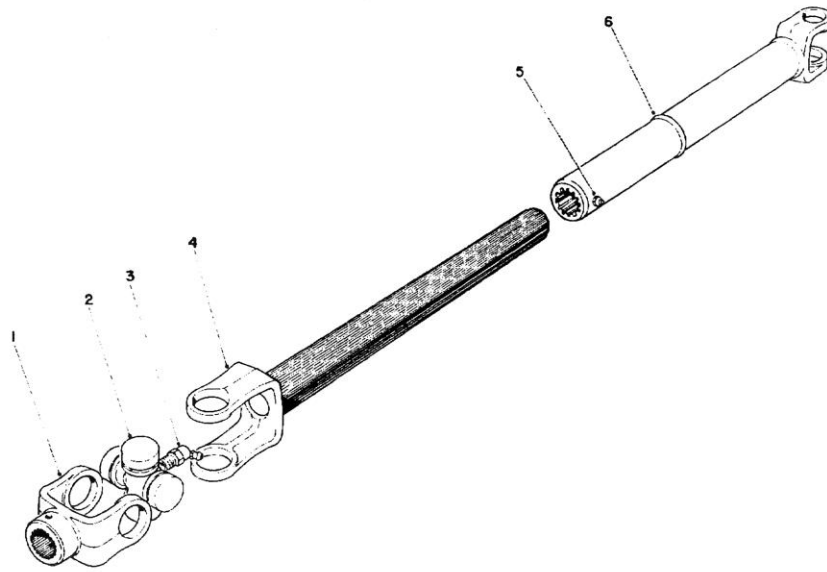
Ref. No.	Part No.	Description	No. Used
6	62-3020	Bracket, L.H.	1
7	3234-17	Capscrew	2
8	3253-4	Lockwasher	2
9	3256-23	Flat Washer	1
10	27-9810	Seat Pivot	1



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

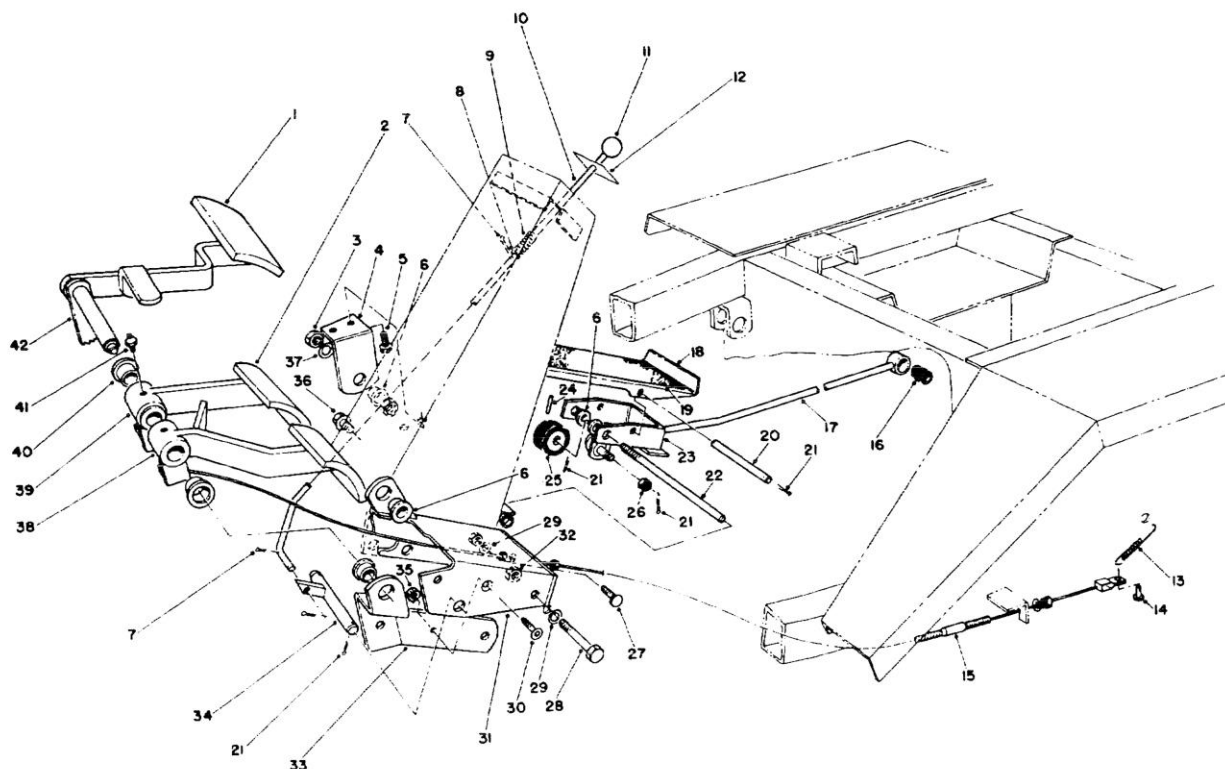
Ref. No.	Part No.	Description	No. Used
22	3296-28	Nut	1
23	23-1980	Pivot — Power Take Off (Incl. Ref. #35)	1
24	3272-6	Cotter Pin	1
25	3296-26	Locknut	1
26	3256-4	Washer	1
27	302-10	Grease Fitting	2
28	251-261	Ball Bearing	2
29	251-234	Lock Collar (Incl. Ref. #34)	2
30	32120-22	Snap Ring	2
31	23-2010	Shaft — Power Take Off	1
32	62-4260	Drive Shaft Assembly	1
33	32121-34	Roll Pin	3
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 NO. 62-4260

Ref. No.	Part No.	Description	No. Used
1	62-3800	End Yoke	2
2	54-9180	U-Joint Kit	2
3	62-3820	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
4	62-3290	Slip Yoke Shaft	1
5	62-3880	Grease Fitting	1
6	62-3790	Slip Yoke Tube	1

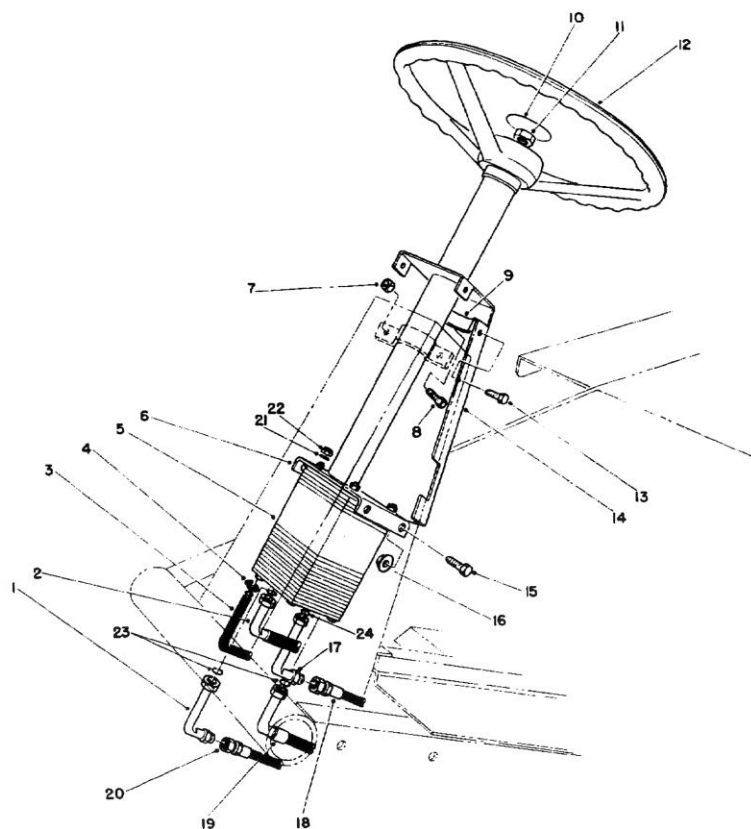


FOOT PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad — Brake	1
2	27-7580	Pad — Right Turn	1
3	3218-5	Jam Nut	2
4	21-2850	Mount — R.H. Pedal	1
5	11-0590	Hex Hd. Self Tapping Screw	2
6	256-156	Bushing	6
7	3272-5	Cotter Pin	3
8	3256-22	Washer — Flat	1
9	3-3251	Spring — Compression	1
10	63-9270	Rod — Brake Latch	1
11	233-17	Knob	1
12	66-6190	Decal — Parking Brake	1
13	3-7243	Spring — Extension	2
14	283-58	Clevis Pin	2
15	21-3380	Cable — L.H. Brake	1
*	21-3370	Cable — R.H. Brake	1
16	23-2270	Bushing — Rubber	1
17	23-2240	Rod — Pump Control	1
18	28-5190	Pedal — Traction	1
19	28-5130	Pad — Pedal	1
20	28-5240	Pin — Traction Pedal	1
21	3272-6	Cotter Pin	7
22	28-5210	Shaft — Traction Pedal	1

Ref. No.	Part No.	Description	No. Used
23	28-5160	Bracket — Pivot (Incl. Ref. #6)	1
24	32121-16	Roll Pin	1
25	28-5220	Wheel — Friction	1
26	32136-4	Slotted Nut	2
27	3231-21	Carriage Bolt	2
28	323-13	Hex Hd. Capscrew	2
29	3253-21	Lockwasher	4
30	3274-47	Hex Socket Flat Hd. Capscrew	1
31	27-7590	Mount — Brake	1
32	32153-2	Locknut	2
33	27-9270	Mount — Brake Pivot Shaft	1
34	27-7640	Shaft — Brake Latch	1
35	32149-2	Nut	1
36	3234-11	Capscrew	3
37	3256-26	Washer — Flat	1
38	27-7490	Pedal — L.H. Brake (Incl. Ref. #40)	1
39	27-7510	Pedal — R.H. Brake (Incl. Ref. #40)	1
40	256-10	Bushing	4
41	302-5	Fitting — Grease	2
42	27-8550	Pedal — Parking Brake	1

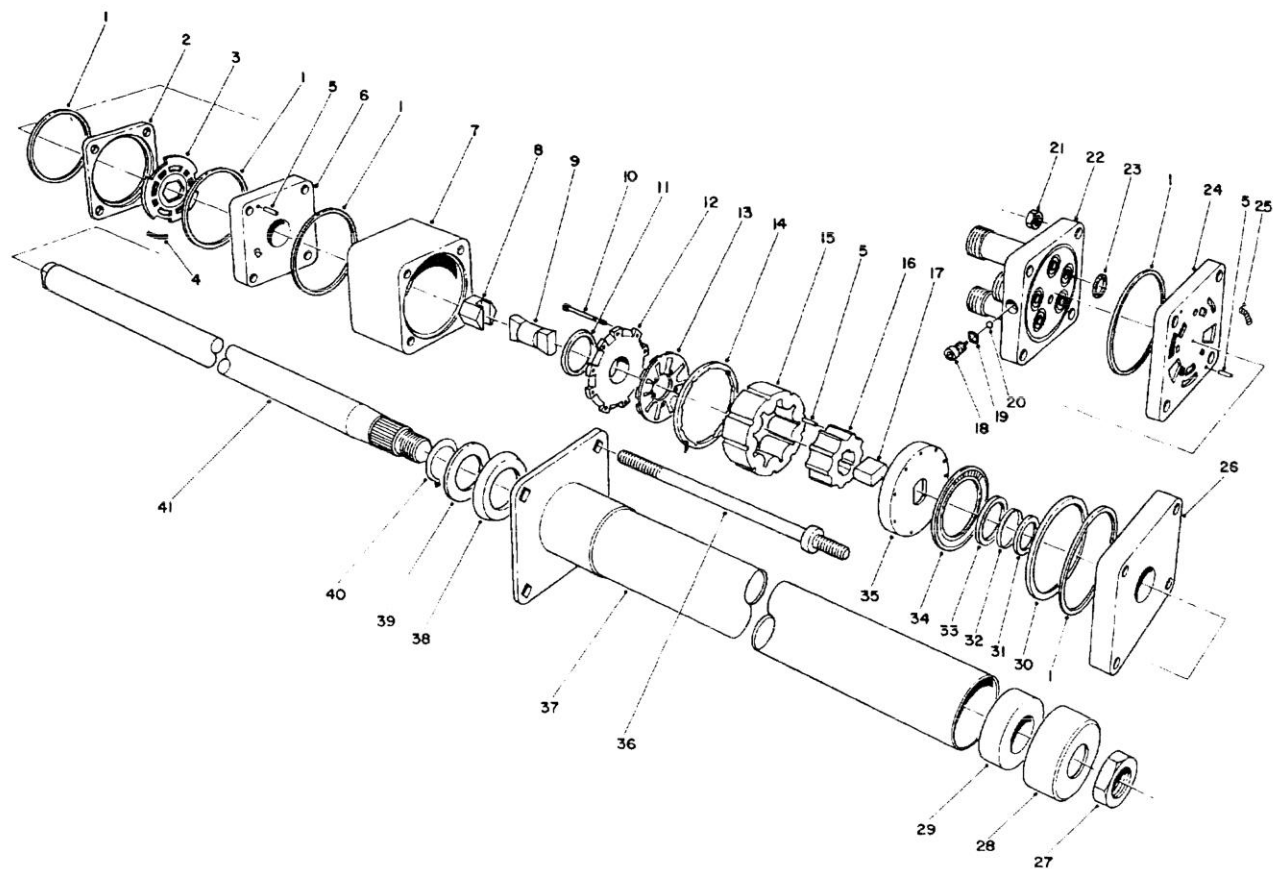
*Not Illustrated



POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-1740	90° Elbow	1
2	63-8980	Hose — Aux./Valve	1
3	63-8990	Hose — Return	1
4	2412-36	Clamp	1
5	63-9250	Valve — Power Steering	1
6	63-8870	Bracket — Column Mount	1
7	3296-29	Locknut	2
8	322-5	Hex Hd. Capscrew	2
9	63-8890	Clamp Half	2
10	24-2090	Cap — Steering Wheel	1
11	3220-6	Hex Nut	1
12	24-2000	Wheel — Steering	1

Ref. No.	Part No.	Description	No. Used
13	32144-10	Hex Hd. Thr'd Form Screw	6
14	66-1680	Cover — Tower	1
15	323-6	Hex Hd. Capscrew	4
16	3290-357	Hex Flange Nut	4
17	66-1730	90° Elbow	1
18	63-8970	Hose — Trans./Str.	1
19	66-1410	Hose — Str./Cyl.	1
20	63-9020	Hose — Cyl./Str.	1
21	3256-3	Washer — Flat	4
22	3296-4	Locknut	4
23	237-22	O-Ring	2
24	237-30	O-Ring	2



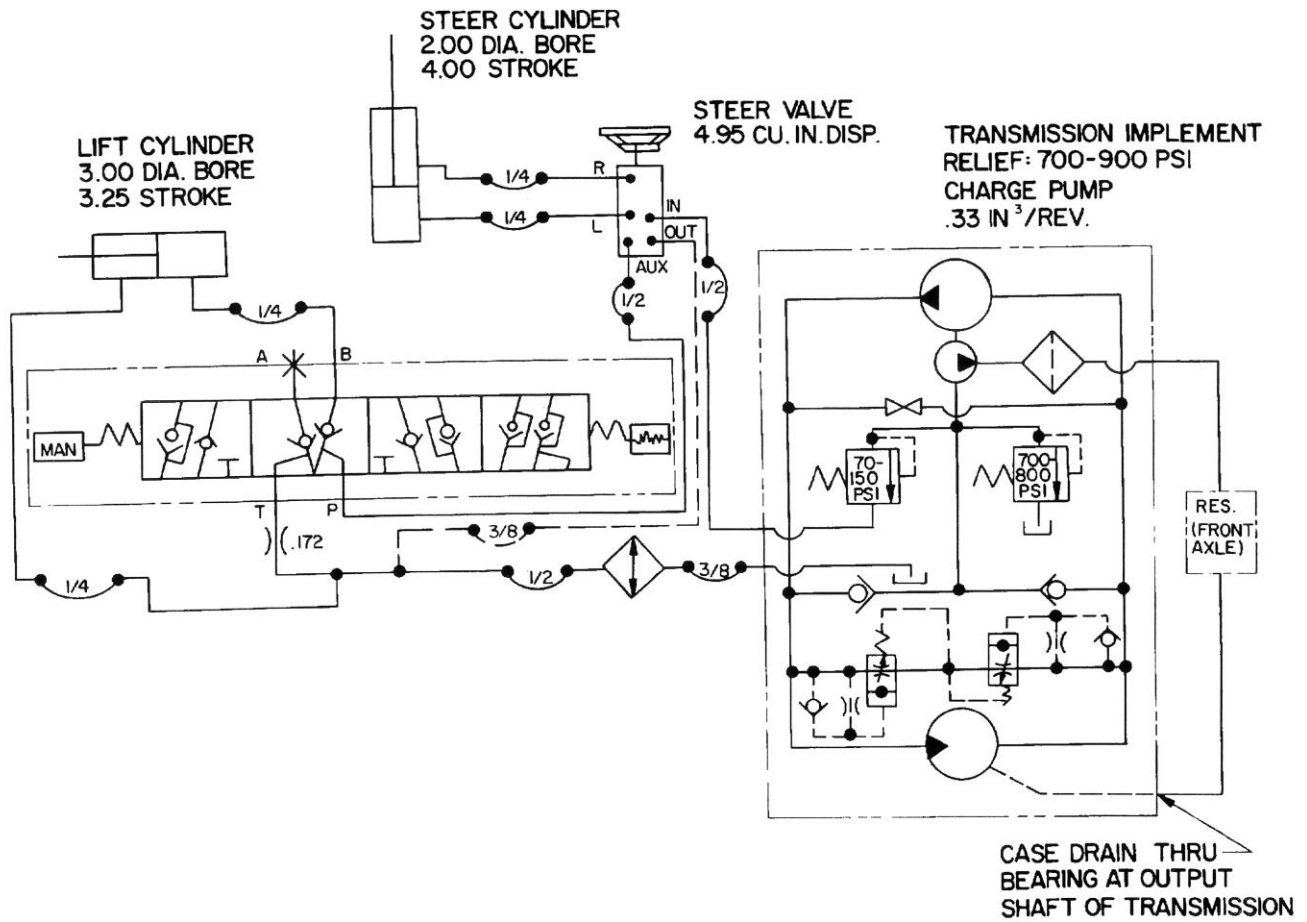
POWER STEERING VALVE ASSEMBLY NO. 63-9250

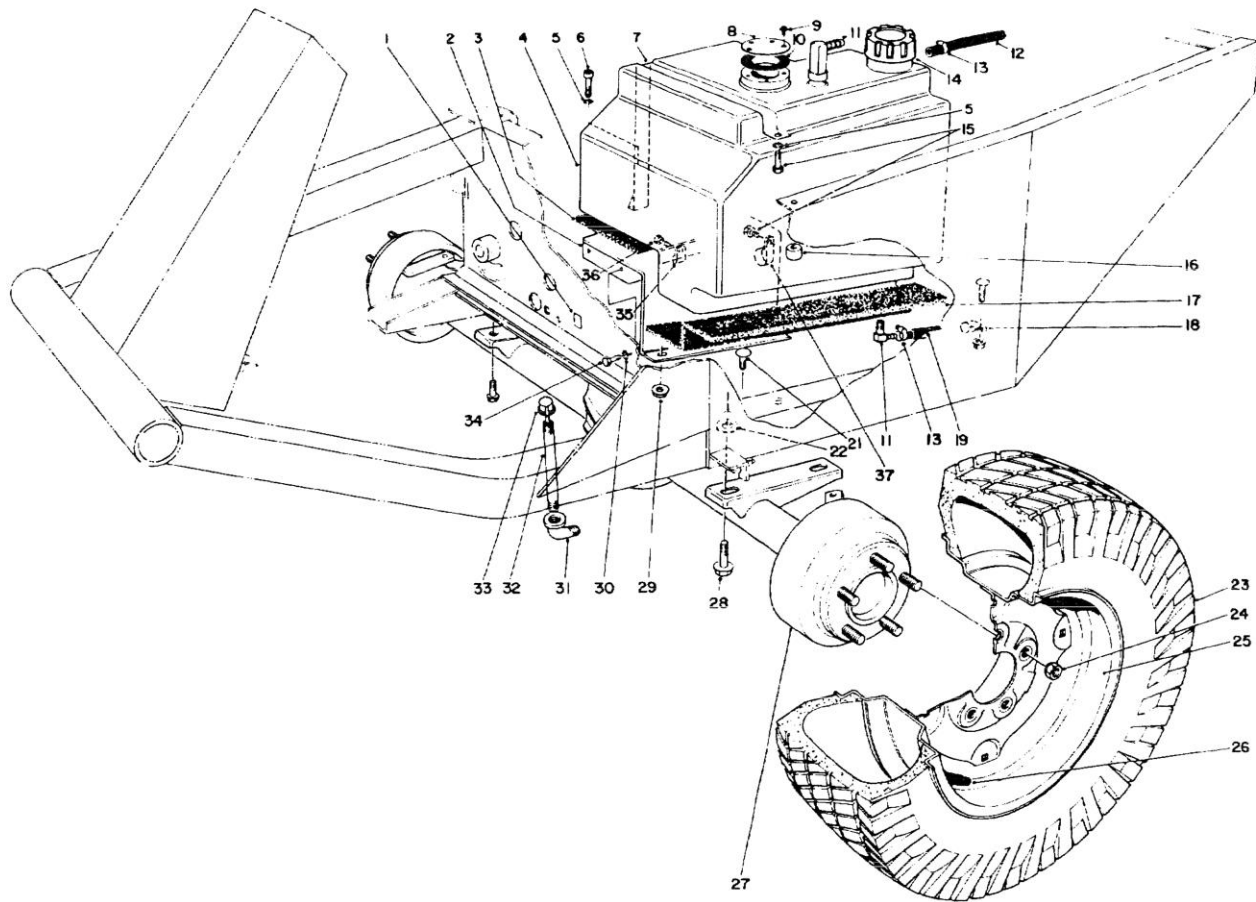
Ref. No.	Part No.	Description	No. Used
1		Ring — Seal	5
2		Ring — Valve	1
3		Plate — Valve	1
4		Spring	3
5		Pin — Alignment	9
6		Manifold — Isolation	1
7		Ring — Metering	1
8		Hex Drive Assy.	1
9		Link — Drive	1
10		Hex Socket Hd. Screw	11
11		Seal — Commutator	1
12		Cover — Commutator	1
13		Commutator	1
14		Ring — Commutator	1
15		Stator	1
16		Rotor	1
17		Spacer — Drive Link	1
18		Plug	1
19		O-Ring	1
20		Ball	1
21		Hex Nut	4
22		Covr — Port	1

Ref. No.	Part No.	Description	No. Used
23		O-Ring	5
24		Manifold — Port	1
25		Spring	3
26		Plate — Upper Cover	1
27	3220-6	Nut	1
28	66-9770	Seal	1
29	66-9780	Bushing	1
30		Spacer — Thrust Bearing	1
31		Spacer — Seal	1
32		Ring — Back Up	1
33		Seal — Face	1
34		Bearing — Thrust	1
35		Plate — Drive	1
36	66-9850	Bolt — Special	4
37	66-9860	Upper Cover & Jacket	1
38	66-9870	Plate — Retaining	1
39	66-9880	Washer — Retaining Plate	1
40	66-9890	Ring — Retaining	1
41	66-9900	Shaft — Input	1
*	66-9970	Spring Kit	1
*	66-9980	Seal Kit	1
*	66-9990	Needle Roller Kit	1

*Not Illustrated

HYDRAULIC SCHEMATIC





FRONT AXLE & FUEL TANK ASSEMBLY

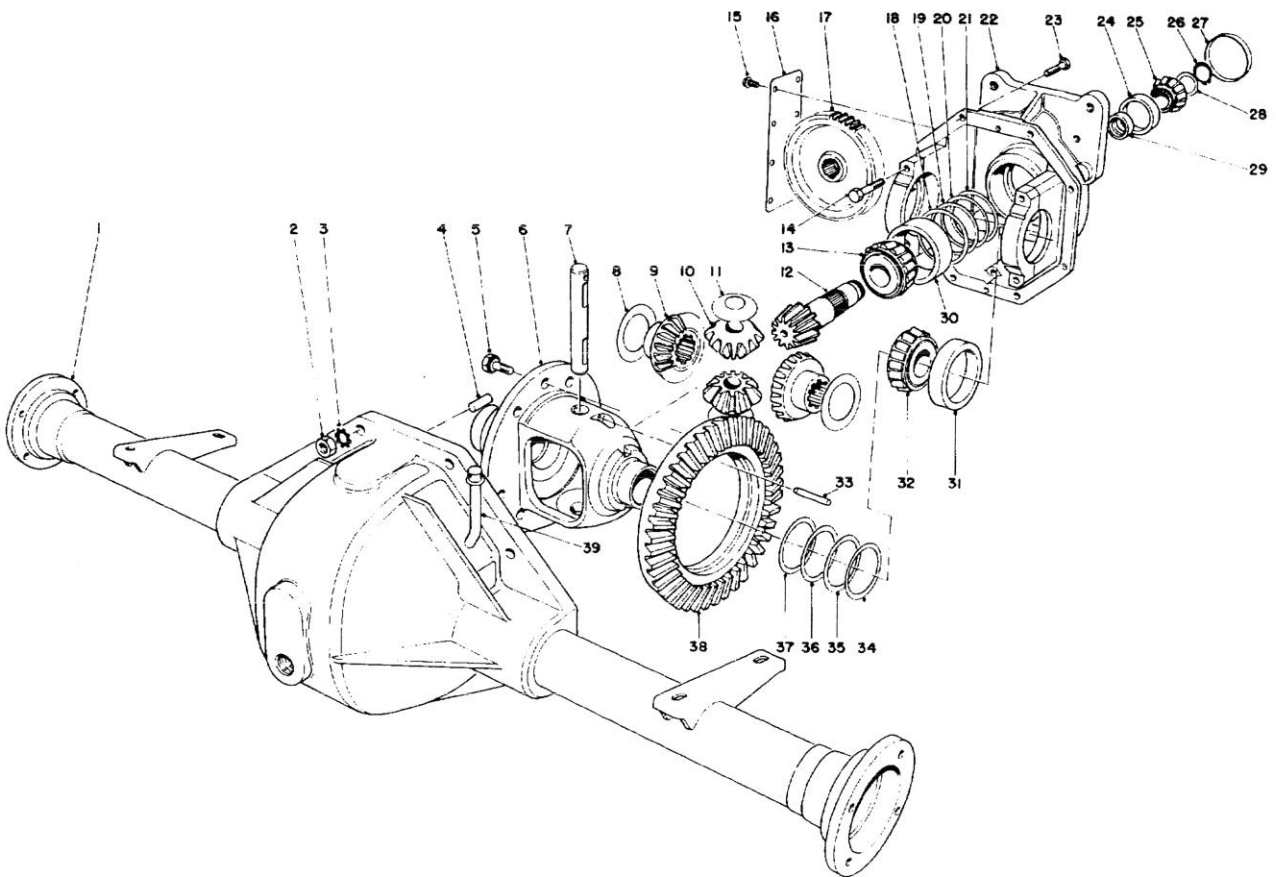
Ref. No.	Part No.	Description	No. Used
1	53-4430	Decal Oil	1
2	63-9320	Gas Tank Base	1
3	21-3600	Foam Tank Support	1
4	43-9110	Gas Tank (Incl. Ref. #13)	1
5	3253-3	Lockwasher	2
6	32104-96	Capscrew Hex. Hd.	1
7	37-9550	Strap — Gas Tank	1
8	43-9060	Cover Fuel Tank Opening	1
9	32144-34	Screw Self Tapping	5
10	18-2380	Gasket	1
11	353-536	Fitting	2
12	37-9560	Hose — Vent Gas Tank	1
13	2412-36	Hose Clamp	2
14	55-3574	Gas Cap	1
15	321-6	Capscrew	2
16	22-7810	Spacer	1
17	21-3610	Foam — Tank Support	1
18	2412-41	Clamp	3
19	23-2140	Fuel Line	1

Ref. No.	Part No.	Description	No. Used
21	3230-2	Carriage Bolt	3
22	42-6080	Shim Axle	A/R
23	231-101	Tire	2
24	23-7270	Wheel Nut	10
25	217-117	Wheel	2
26	232-27	Valve Stem w/Cap	2
27	43-7630	Axle	1
28	32144-67	Capscrew — Thread Forming	4
29	32128-20	Flange Nut	3
30	3253-21	Lockwasher	2
31	2811-9	Street Elbow	1
32	289-37	Pipe Nipple	1
33	23-5180	Dipstick	1
34	32104-6	Screw Self Tapping	2
*	231-90	Tire Inner Tube	2
35	2412-106	R Clamp	1
36	321-3	Hex Hd. Capscrew	1
37	2412-39	Clamp	1

*Not Illustrated



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

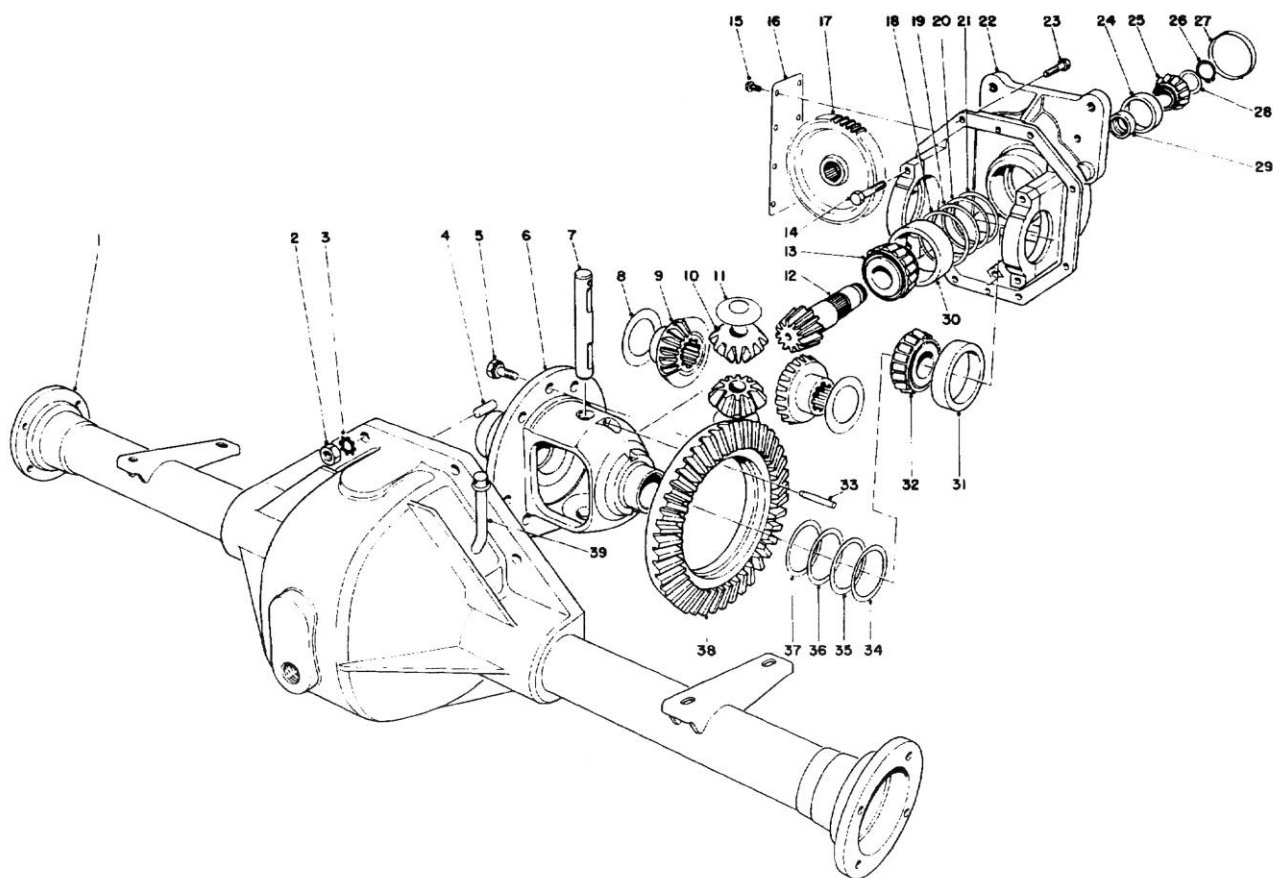


DIFFERENTIAL ASSEMBLY — 43-7630

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

*Not Illustrated

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

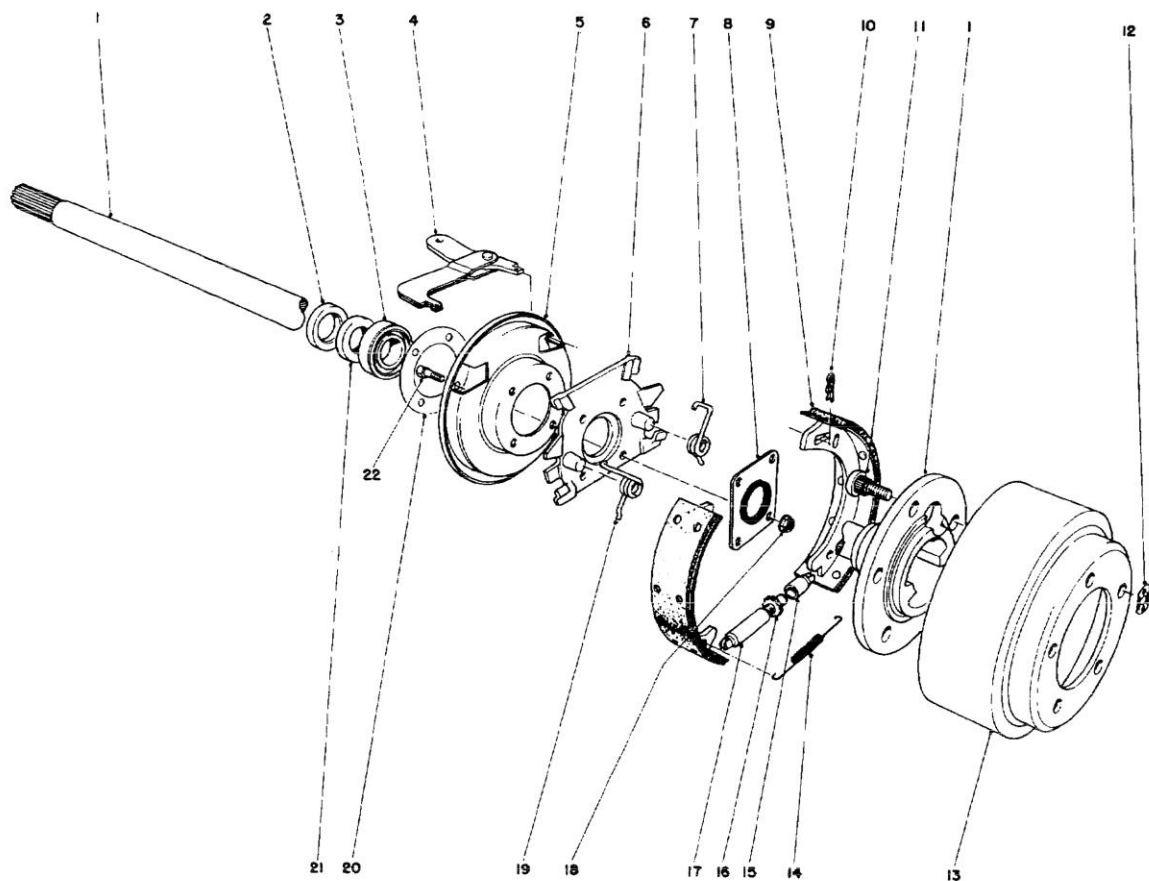


DIFFERENTIAL ASSEMBLY — 43-7630 (Continued)

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

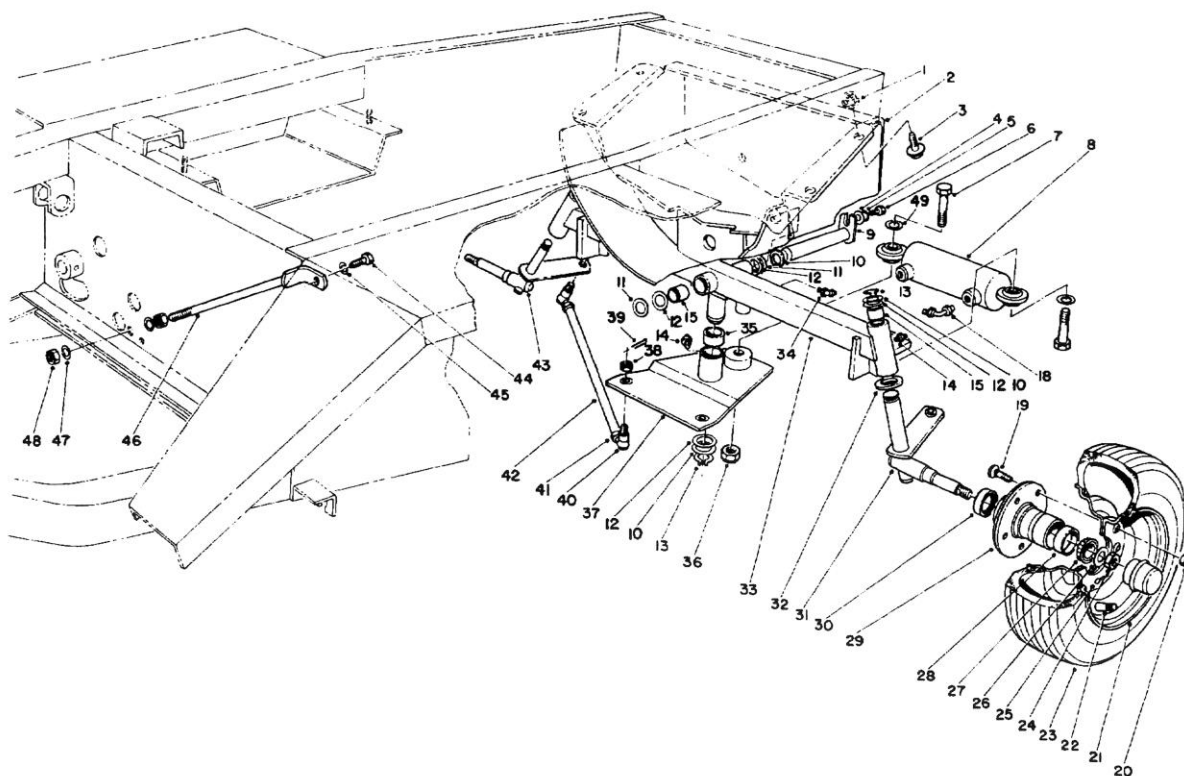
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BRAKE ASSEMBLY

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

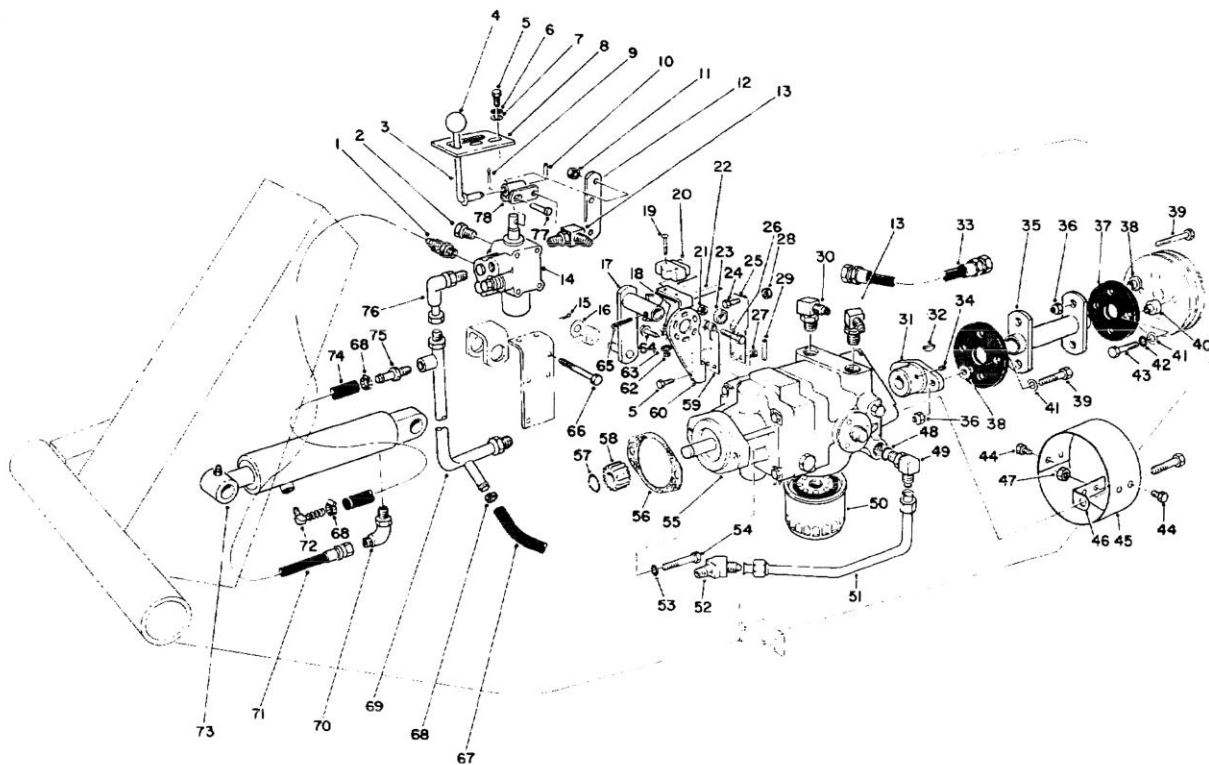


REAR AXLE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128-23	Flange Locknut	4
2	43-3440	Support — Axle	1
3	3234-6	Flange Hex Hd. Capscrew	4
4	3256-23	Washer — Flat	1
5	3253-4	Lockwasher	1
6	322-3	Hex Hd. Capscrew	1
7	328-25	Hex Hd. Capscrew	2
8	63-9240	Cylinder — Hydraulic	1
9	43-3480	Pin — Rear Axle	1
10	5-1226	Washer	A/R
11	56-2460	Washer	A/R
12	10-8110	Washer — Thrust	10
13	32151-36	Ring — Retaining	3
14	302-5	Fitting — Grease	3
15	3-0348	Bushing	6
18	340-54	Fitting — 45°	2
19	10-6830	Stud — Drive	10
20	242-50	Nut — Wheel	10
21	217-106	Wheel	2
22	232-27	Valve Stem w/Cap	2
23	231-105	Tire	2
24	32136-5	Nut — Slotted	2
25	3272-13	Pin — Cotter	2
26	3256-28	Washer	2
27	254-94	Cone — Bearing	4
28	254-72	Cup — Bearing	4
29	21-2820	Hub — Wheel (Incl. Ref. #19 & 28)	2

Ref. No.	Part No.	Description	No. Used
30	253-129	Closure	2
31	63-9170	Spindle Assembly L.H.	1
32	256-121	Bushing — Thrust	2
33	63-9150	Axle — Rear (Incl. Ref. #15)	1
34	302-11	Fitting — Grease	1
35	256-242	Bushing	2
36	3296-51	Locknut	2
37	63-9220	Steer Pivot — Rear (Incl. Ref. #35)	1
38	32136-4	Nut — Slotted	4
39	3272-6	Pin — Cotter	4
40	21-0140	Socket Assembly R.H. Thread (Incl. Ref. #38)	2
*	21-0150	Socket Assembly L.H. Thread (Incl. Ref. #38)	2
41	3220-5	Jam Nut R.H. Thread	2
*	3220-12	Jam Nut L.H. Thread	2
42	21-2000	Tie Rod Assembly	2
43	63-9180	Spindle Assembly R.H.	1
44	323-6	Hex Hd. Capscrew	1
45	3253-21	Lockwasher	1
46	24-9830	Support — Axle	1
47	3256-6	Washer — Flat	2
48	3217-9	Nut	2
49	67-9410	Washer	2

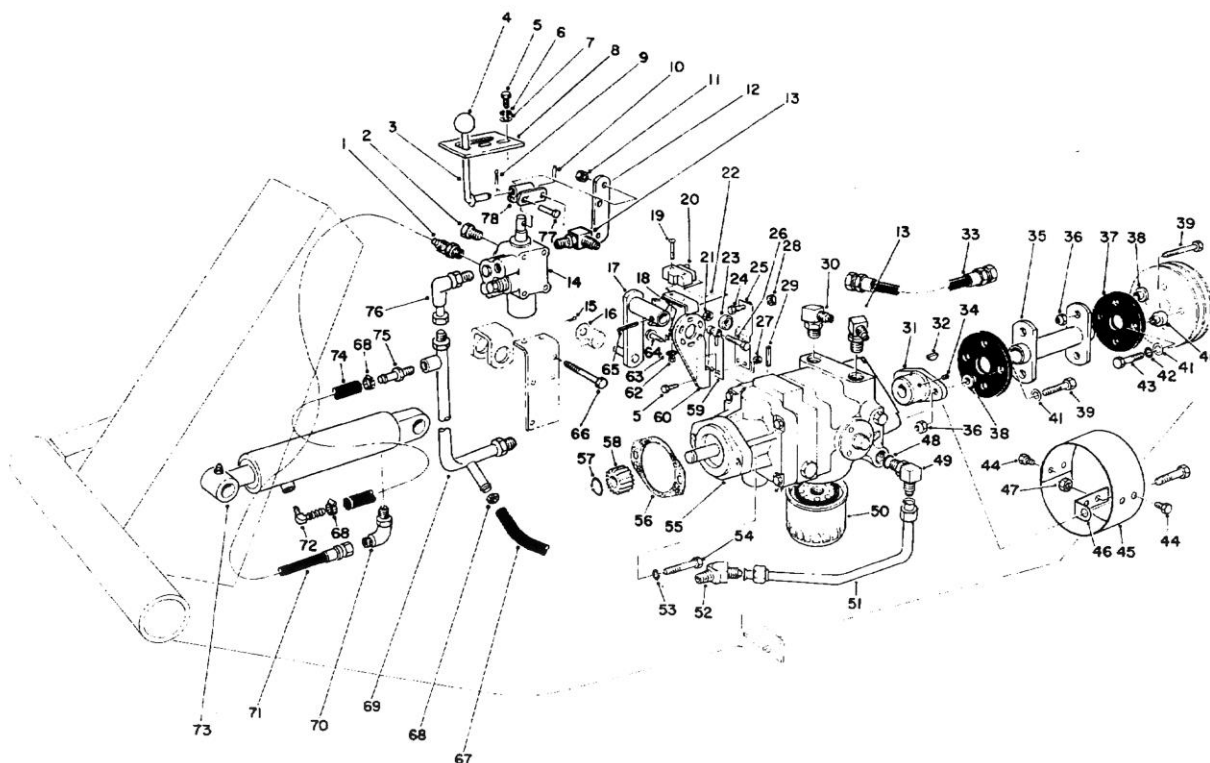
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HYDROSTATIC TRANSMISSION & VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	340-97	Fitting — 90° Elbow	1
2	353-512	Plug	1
3	21-8620	Lever — Valve	1
4	233-21	Knob	1
5	321-4	Hex Hd. Capscrew	4
6	3253-3	Lockwasher	2
7	3256-22	Flat Washer	2
8	21-8640	Latch — Valve Lever	1
9	3272-6	Cotter Pin	1
10	32121-73	Pin — Slotted Spring	1
11	3296-42	Locknut	5
12	21-9010	Pivot Mount — Valve Lever	1
13	340-99	Fitting — 90° Elbow	2
14	43-1710	Valve Assembly	1
15	3272-10	Cotter Pin	1
16	3256-6	Washer	1
17	28-9570	Lever — Pump	1
18	3255-7	Lockwasher	3
19	3249-11	Rd. Hd. Machine Screw	2
20	29-6161	Switch — Micro	1
21	3296-29	Locknut	1
22	46-8810	Stop — Leaf Spring	1
23	251-259	Bearing — Ball	1

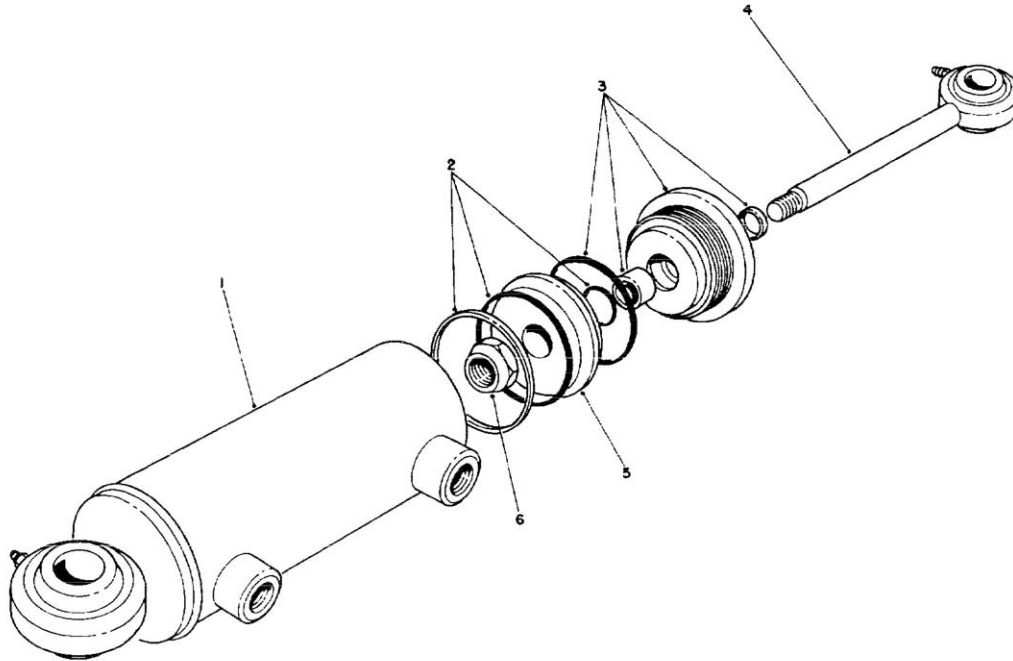
Ref. No.	Part No.	Description	No. Used
24	3210-7	Hex Hd. Capscrew	1
25	29-6170	Spring — Extended Leaf	1
26	322-17	Hex Hd. Capscrew	1
27	3296-42	Locknut	2
28	3219-2	Hex Nut	1
29	32121-6	Roll Pin	1
30	340-77	Elbow	1
31	33-4380	Hub — Pump	1
32	3257-32	Key — Woodruff	1
33	65-4950	Hose Assy. — Cooler To Pump	1
34	3241-5	Sq. Hd. Set Screw	2
35	46-6390	Drive — Coupling	1
36	32152-1	Locknut	6
37	44-2230	Coupling — Rubber	2
38	27-6600	Spacer — Rubber Coupling	6
39	322-6	Hex Hd. Capscrew	6
40	27-6590	Spacer — Rubber Coupling	2
41	3256-3	Washer	4
42	3253-4	Lockwasher	2
43	322-8	Hex Hd. Capscrew	2
44	321-2	Hex Hd. Capscrew	2
45	54-9300	Cover	1
46	54-9290	Bracket	2



HYDROSTATIC TRANSMISSION & VALVE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	32128-10	Hex Nut	4
48	237-80	O — Ring	1
49	353-370	Elbow	1
50	23-2300	Filter — Oil	1
51	23-1900	Tube Assy. — Axle To Pump	1
52	353-535	Elbow	1
53	3253-21	Lockwasher	2
54	323-7	Hex Hd. Capscrew	2
55	48-1790	Transmission — Inline	1
56	41-8760	Gasket — Transmission	1
57	32120-72	Ring — Retaining	1
58	23-4810	Gear — Transmission Output	1
59	29-6150	Spring — Leaf	1
60	29-6120	Plate — Pump	1
62	3217-16	Nut	2
63	3254-9	Lockwasher	2

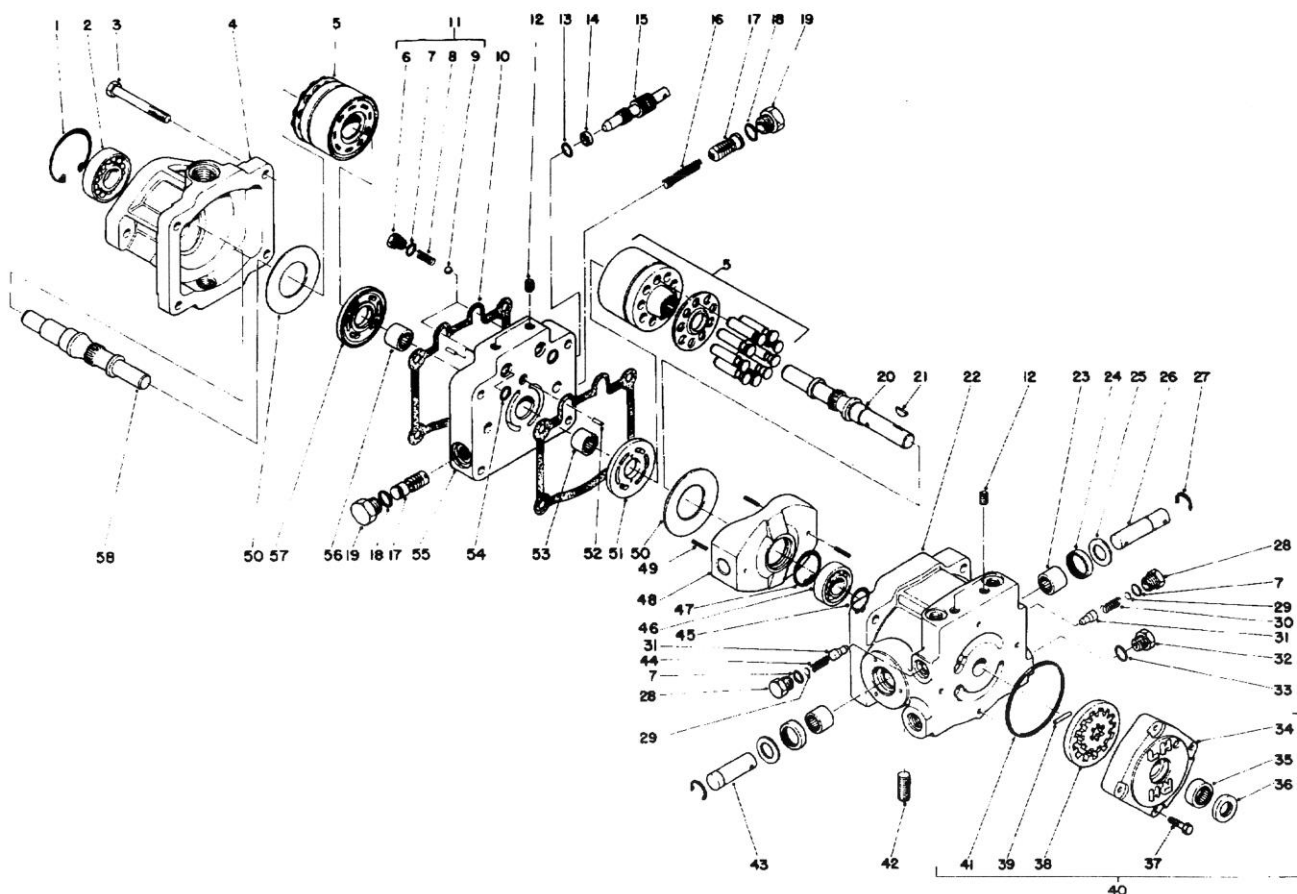
Ref. No.	Part No.	Description	No. Used
64	11-9760	Self Tapping Screw	3
65	32121-24	Roll Pin	1
66	321-23	Hex Hd. Capscrew	5
67	63-8990	Hose — Return	1
68	2412-36	Clamp — Hose	3
69	63-9260	Manifold — Valve	1
70	340-112	Elbow — 90°	1
71	66-5280	Hose — Valve To Cylinder	1
72	304-75	Fitting — 90° Barb	1
73	66-1250	Cylinder — Hydraulic	1
74	65-2970	Hose, Return	1
75	304-73	Fitting — Straight Barb	1
76	340-110	Elbow — 90°	1
77	283-17	Pin	1
78	21-8590	Link — Valve Lever	1



HYDRAULIC STEERING CYLINDER ASSEMBLY NO. 63-9240

Ref. No.	Part No.	Description	No. Used
1		Tube Assembly	1
2	66-1960	Seal Kit	1
3	66-1950	Gland	1

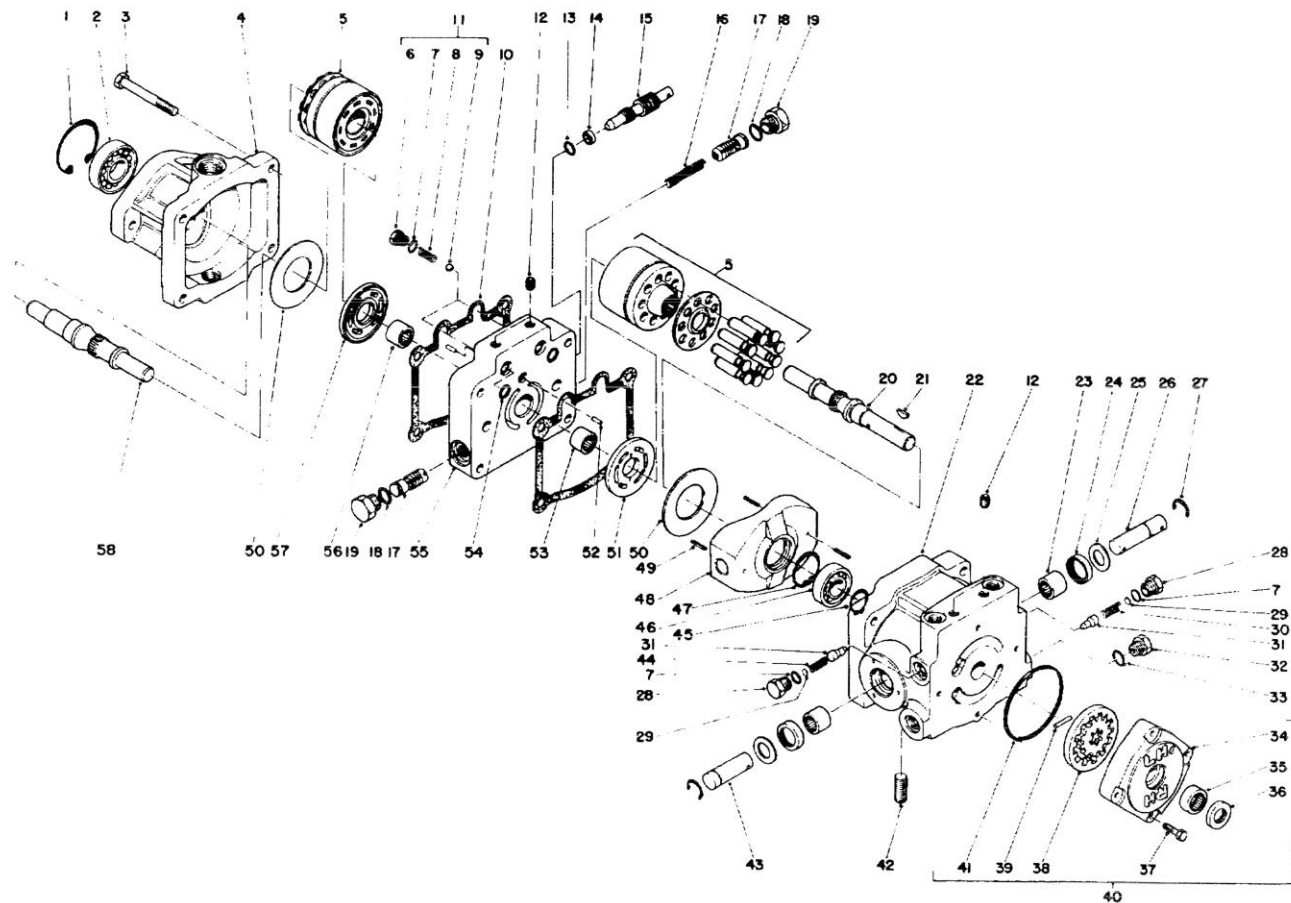
Ref. No.	Part No.	Description	No. Used
4	66-1910	Piston Rod Assembly	1
5	66-1940	Piston	1
6	66-1930	Locknut	1



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

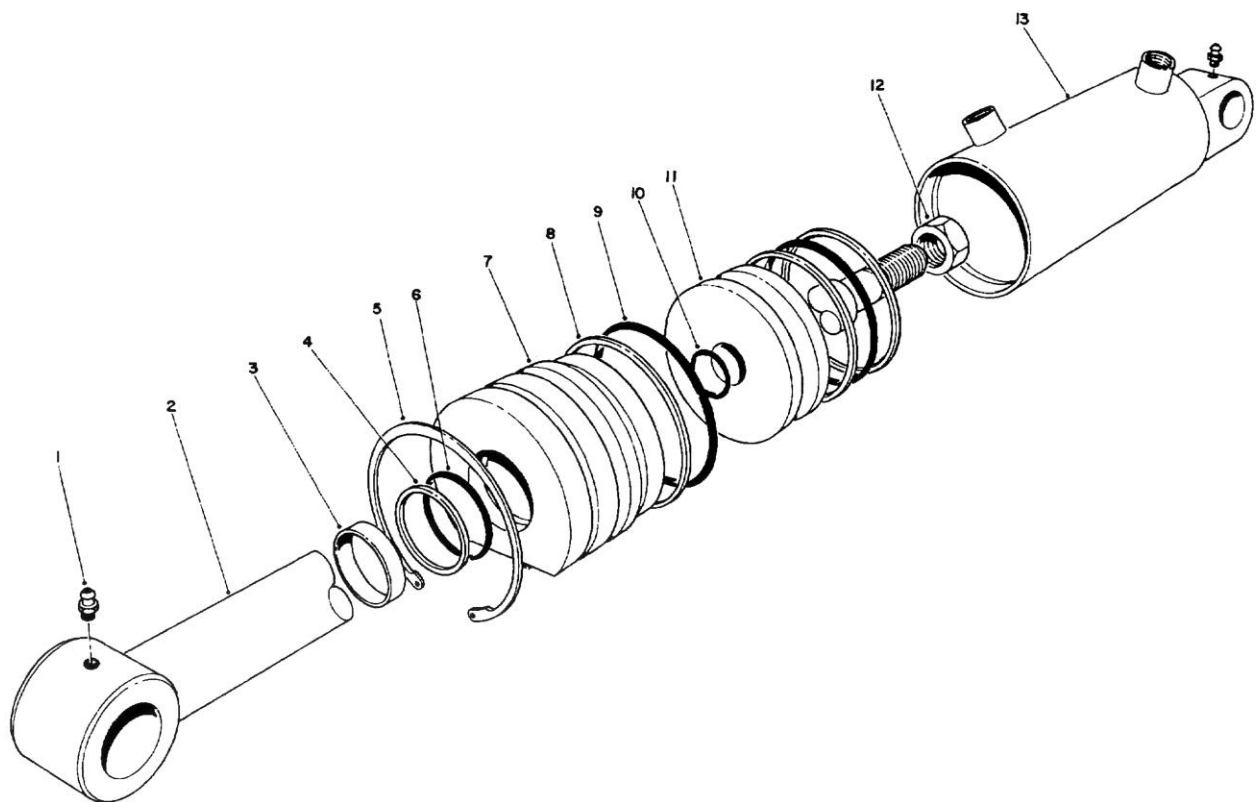
Ref. No.	Part No.	Description	No. Used
17	25-2410	Accel. Valve Assembly	2
18	237-79	O-Ring	2
19	353-550	Hex. Hd. Plug	2
20	36-5370	Pump Shaft	1
21	3257-32	Woodruff Key	1
22	25-2520	Pump Housing	1
23	252-82	Needle Bearing	2
24	25-3210	Lip Seal	2
25	25-2510	Flat Washer	2
26	25-2580	Trunnion Shaft	1
27	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	25-2680	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	62-4290	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

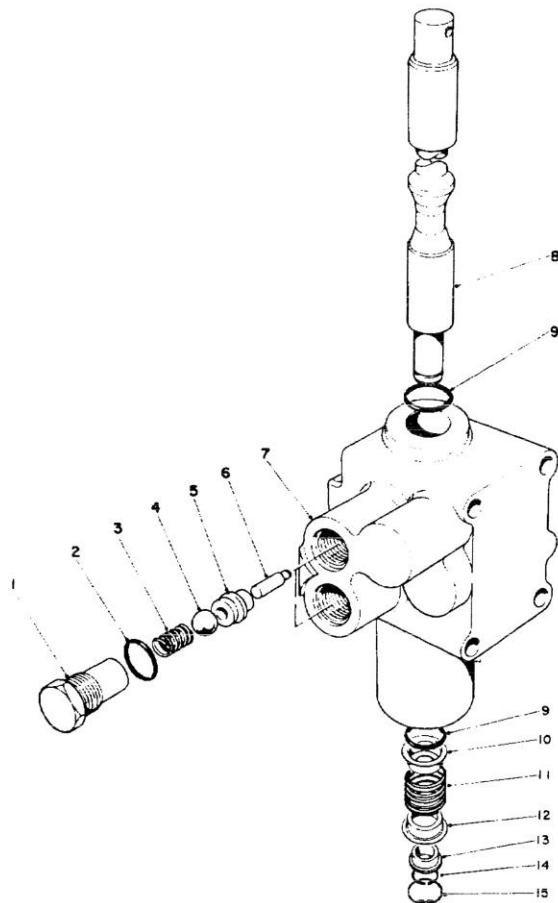


HYDRAULIC LIFT CYLINDER NO. 66-1250

Ref. No.	Part No.	Description	No. Used
1	302-55	Grease Fitting	2
2	67-5480	Shaft	1
3		Seal — Dust	1
4		Ring — Backup	1
5	67-5470	Ring — Retaining	1
6		O-Ring	1
7	67-5460	Head	1
8		Ring — Backup	3

Ref. No.	Part No.	Description	No. Used
9		O-Ring	2
10		O-Ring	1
11	67-5450	Piston	1
12	67-5440	Hex Nut	1
13		Barrel	1
*	67-5500	Repair Kit (Incl. Ref. #3, 4, 6 & 8-10)	1

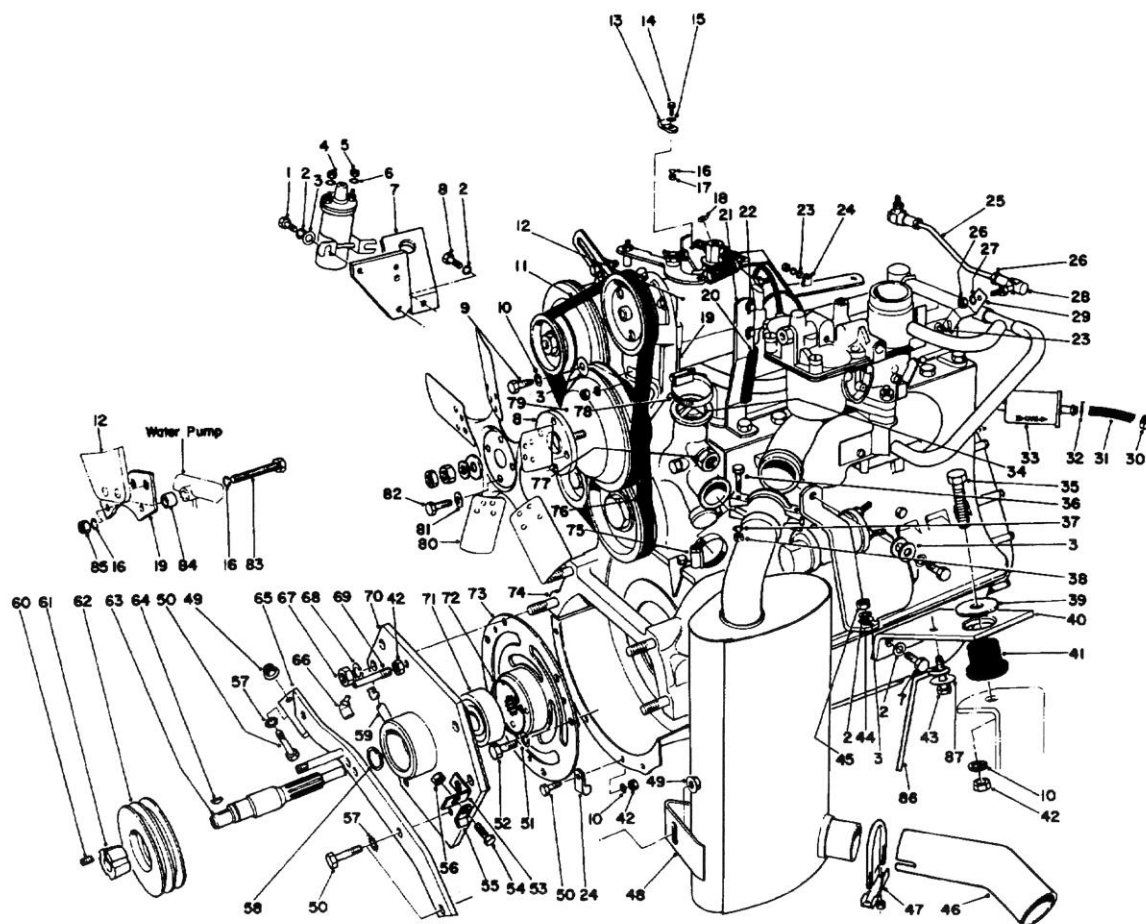
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CONTROL VALVE — 43-1710

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

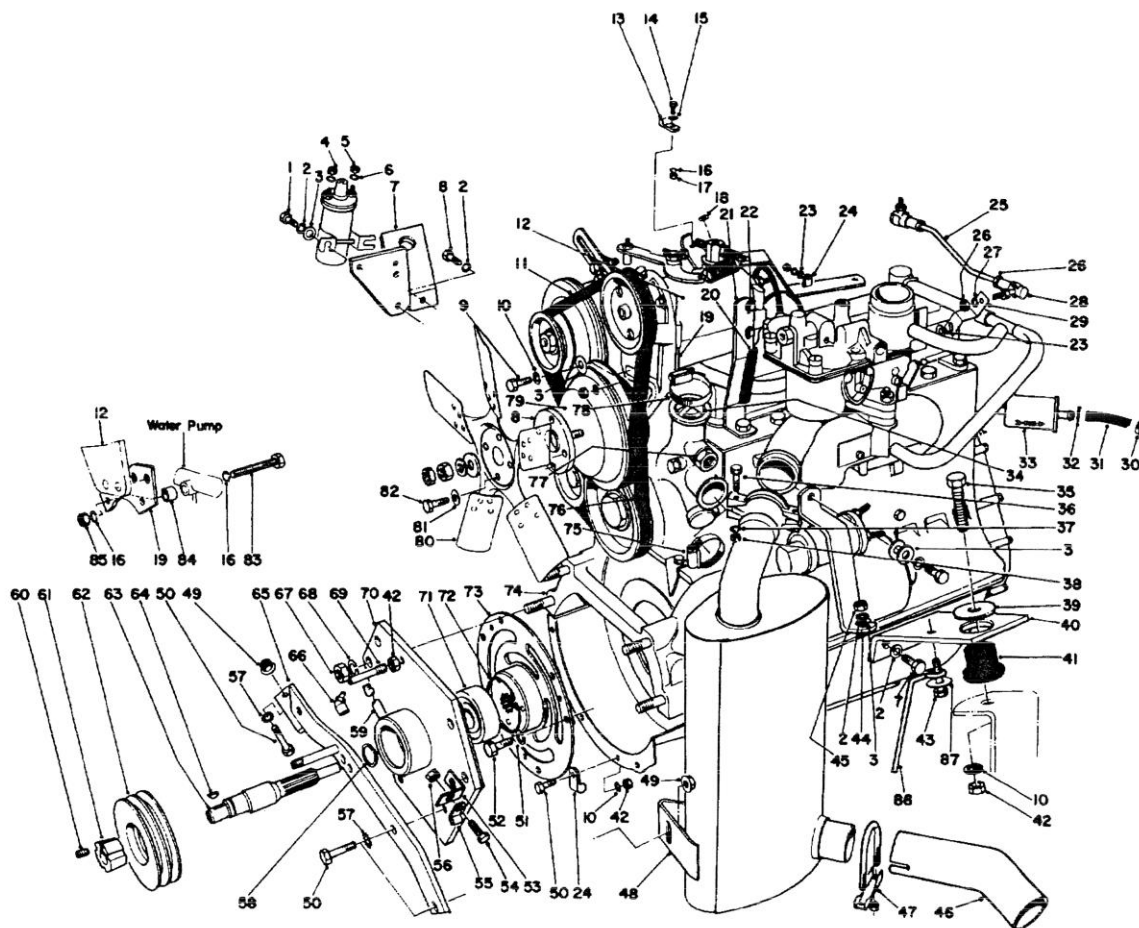
Ref. No.	Part No.	Description	No. Used
9	22-8500	O-Ring	2
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



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	43-2830	Nut	1
5	43-5970	Metric Nut	2
6	21-5890	Metric Lockwasher	2
7	21-2320	Mount Engine	1
8	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	39-8080	Trim — Support Bracket	1
21	25-8320	Bracket Support	1
22	12-3270	Screw Thread Forming	2

Ref. No.	Part No.	Description	No. Used
23	3256-23	Washer	2
24	2412-41	Clamp	2
25	25-9280	Throttle Rod	1
26	3219-14	Nut	4
27	3253-12	Lockwasher	2
28	21-5640	Ball Joint	2
29	36-4330	Lever Carburetor	1
30	2412-36	Clamp Worm Drive	1
31	18-2400	Hose Fuel Line	1
32	2412-6	Clamp Corbin	2
33	18-1520	Gas Filter Assembly	1
34	26-9140	Thermostat	1
35	323-11	Capscrew	2
36	42-9500	Capscrew	2
37	42-9850	Lockwasher	2
38	42-9580	Nut	2
39	3-3391	Washer	2
40	21-2300	Engine Mount	1
41	21-0130	Mount Rubber	2
42	3217-7	Nut	6
43	322-9	Capscrew	1
44	21-2310	Bracket Engine Mount	1
45	3217-6	Nut	1

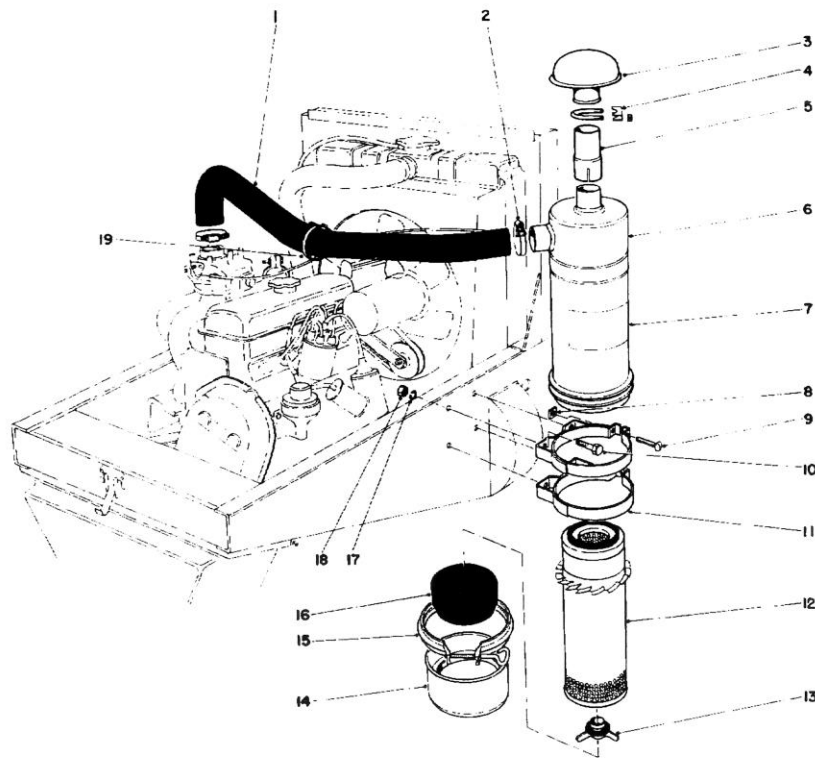


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	66-4990	Extension — Muffler	1
47	2112-9	Clamp	1
48	23-1850	Muffler	1
49	3290-357	Nut Flange Locking	3
50	323-6	Capscrew	6
51	21-0340	Lockwasher	6
52	21-0330	Metric Capscrew	6
53	66-6060	Bracket	1
54	321-3	Capscrew	1
55	2412-106	R Clamp	1
56	3296-20	Locknut	1
57	3255-9	Lockwasher	4
58	32120-69	Snap Ring	1
59	289-40	Pipe Nipple	1
60	3247-4	Set Screw	2
61	23-1640	Bushing — Taper Lock (Incl. Ref. #60)	1
62	23-1630	Pulley Drive	1
63	23-1620	Output Shaft — Engine	1
64	3257-5	Key Woodruff	1
65	27-7340	Front Engine Support	1
66	302-8	Grease Fitting	1
67	21-0360	Metric Nut	4
68	3254-3	Lockwasher	4

Ref. No.	Part No.	Description	No. Used
69	21-1820	Stud — Belt Retainer	3
70	28-9700	Bearing Mount	1
71	251-261	Bearing	1
72	32120-22	Snap Ring	1
73	21-2260	Engine Adapter Drive	1
74	12-6079	Engine — Continental (Model No. R08-D15-2002)	1
75	2412-3	Clamp — Hose	1
76	26-6660	Lower Fan Belt	1
77	26-6690	Temperature Gauge Adapter	1
78	2412-42	Clamp Hose	2
79	27-9660	Pulley — Water Pump	1
80	52-1560	Fan	1
81	21-1660	Washer	4
82	43-0110	Metric Capscrew	4
83	24-2560	Screw	2
84	24-2490	Spacer	1
85	43-2830	Nut	2
86	67-7950	Guide	1
87	67-9480	Washer	1
Optional			
*	36-3190	Spark Arrestor	1
*	2112-9	Clamp	1

*Not Illustrated

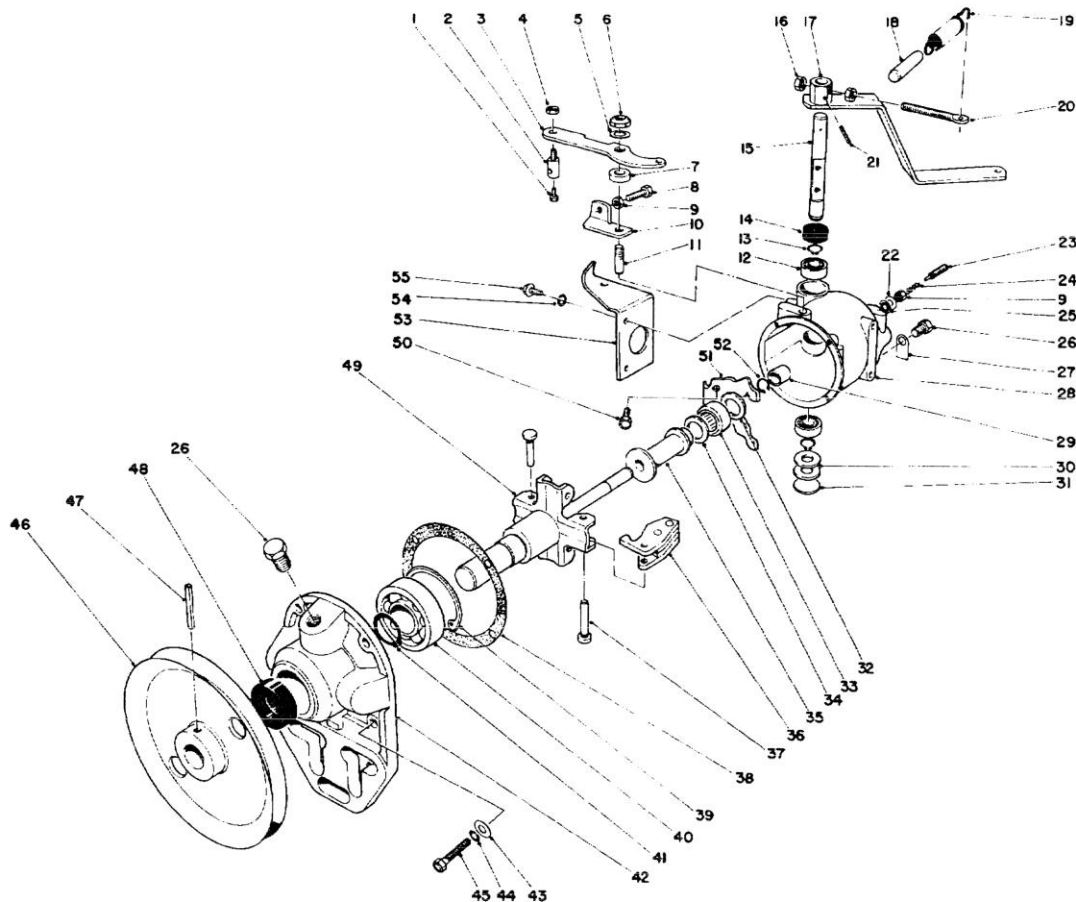


AIR CLEANER ASSEMBLY 27-7090

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

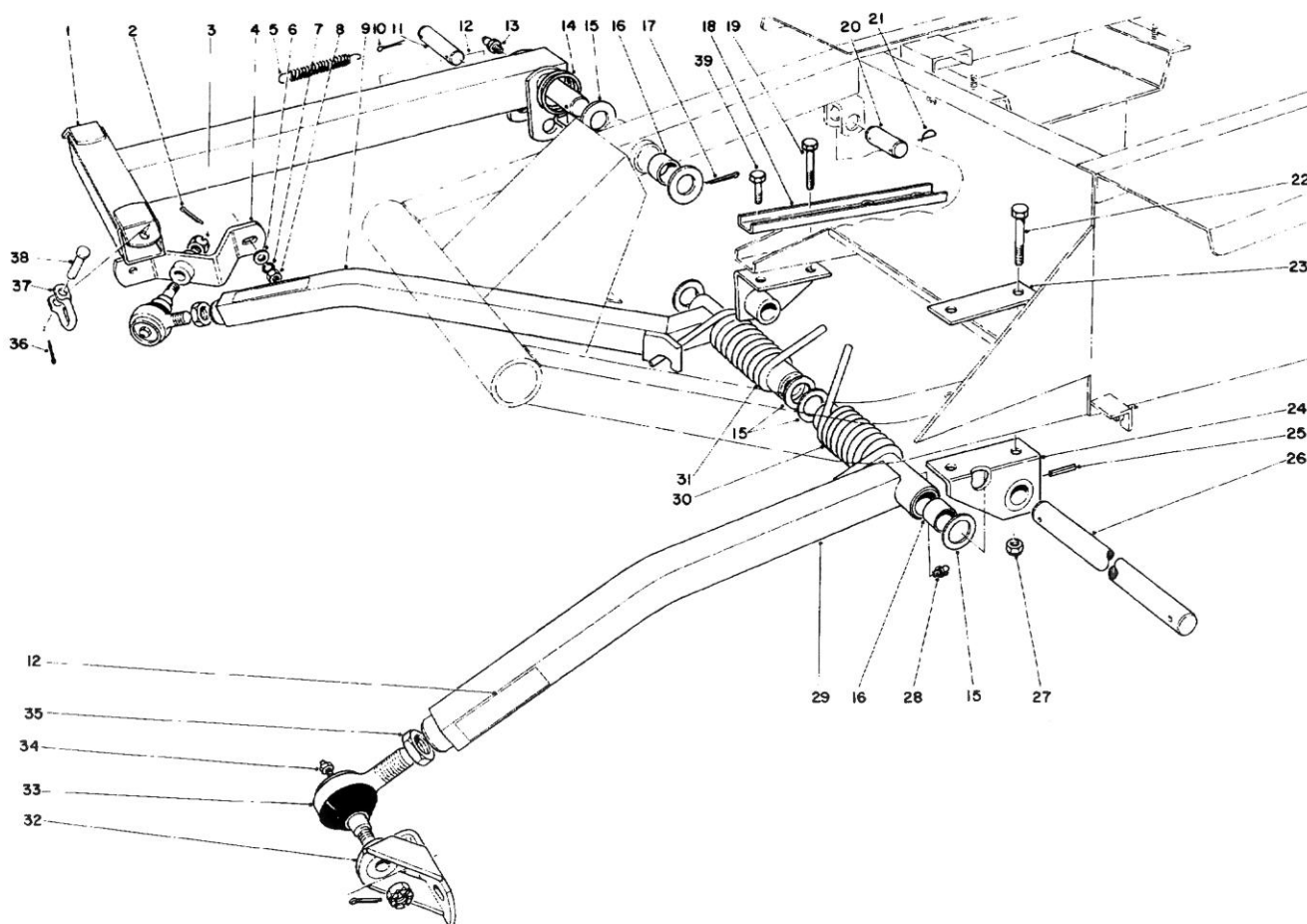
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GOVERNOR ASSEMBLY — 25-7640

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	Locknut	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

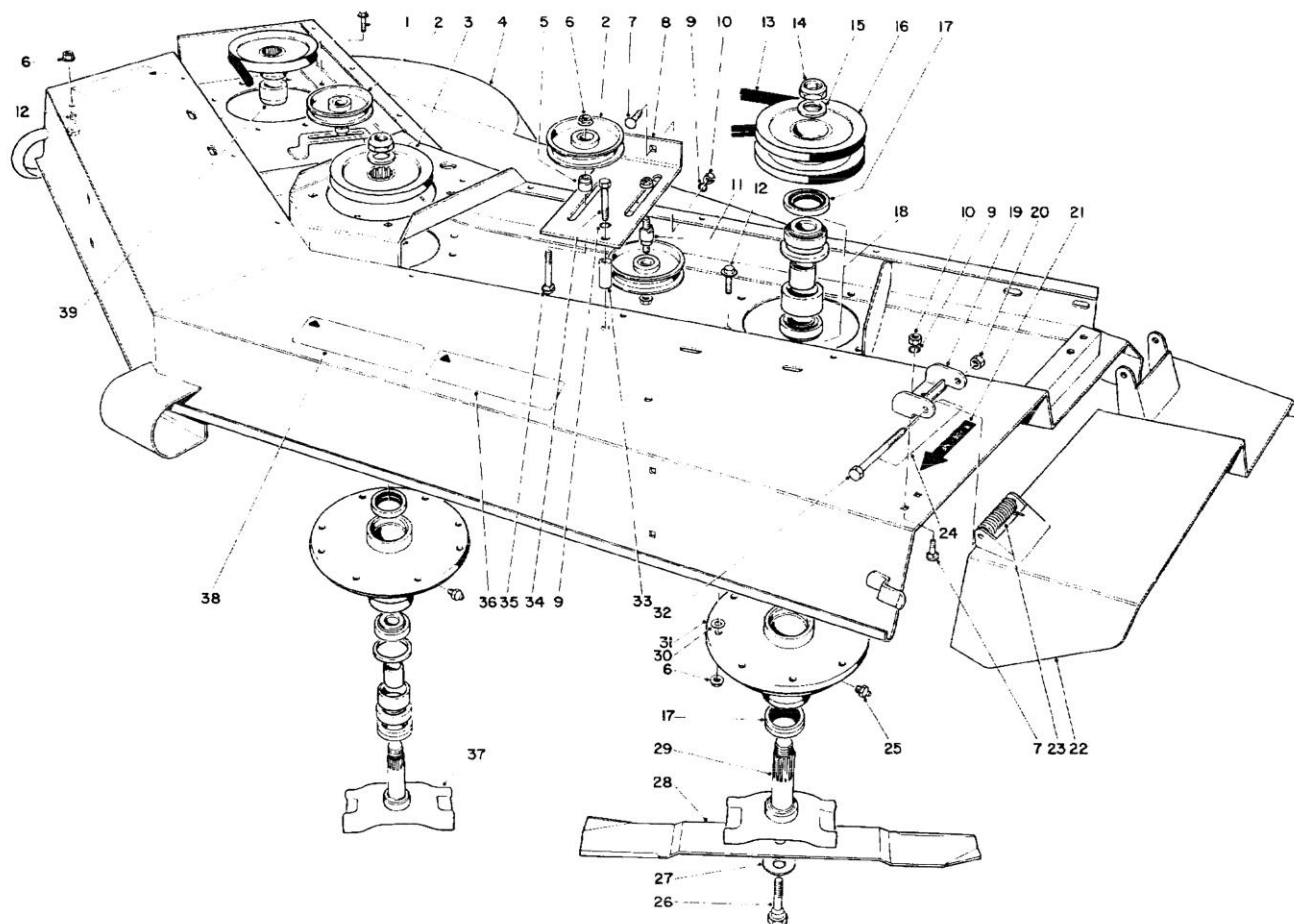
Ref. No.	Part No.	Description	No. Used
29	25-8610	Bushing	1
30	25-9100	Washer	2
31	25-8630	Welch Plug	1
32	54-7710	Thrust Washer	1
33	54-7740	Thrust Bearing	1
34	54-7720	Thrust Washer	1
35	54-7730	Thrust Sleeve	1
36	25-8880	Weight Assembly	2
37	49-1750	Weight Pin	2
38	25-9070	Gasket	1
39	25-8530	Snap 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	66-6370	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	66-7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	61-3610	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	324-9	Capscrew	1
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	3285-11	Roll Pin	2
26	21-2990	Shaft Pivot	1
27	32152-9	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
39	324-4	Capscrew	1

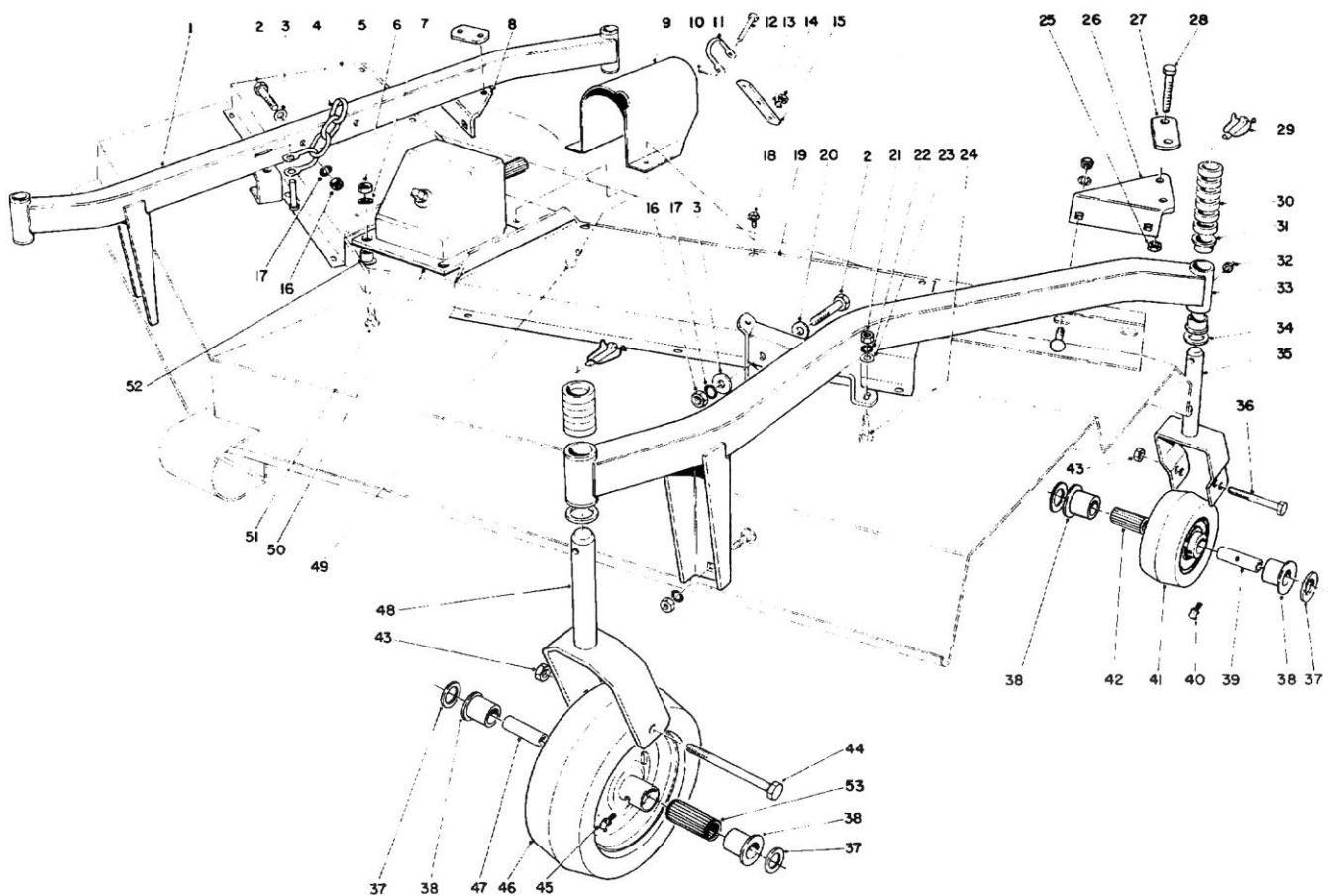


CUTTING UNIT MODEL NO. 30721

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	4
10	3217-7	Nut	5
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



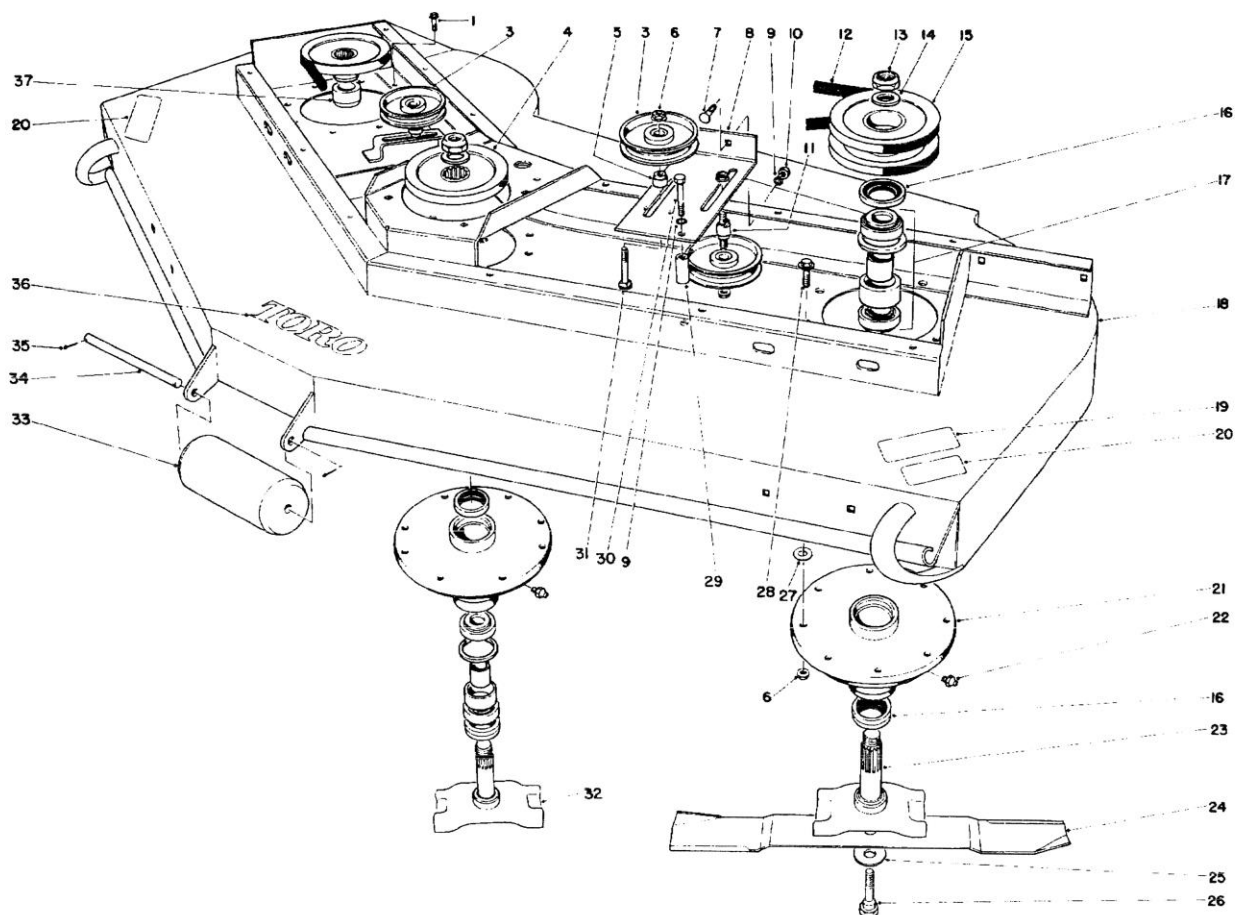
CUTTING UNIT MODEL 30721 (Continued)

Ref. No.	Part No.	Description	No. Used
1	26-1490	Caster Arm R.H. (Incl. Ref. #31)	1
2	324-12	Capscrew	4
3	3256-5	Flatwasher	4
4	3-1365	Lift Chain	3
5	26-1890	Cover — Deck R.H.	1
6	32153-2	Nut	4
7	63-8410	Washer	4
8	39-3340	Bracket — Caster Arm Clamp	1
9	63-1970	Shroud Universal	1
10	3272-10	Cotter Pin	3
11	5-2942	Shackle	3
12	283-10	Pin	3
13	3253-21	Lockwasher	2
14	3217-7	Nut	2
15	21-3770	Lift Strap	1
16	3217-8	Nut	4
17	3253-6	Lockwasher	4
18	32104-82	Capscrew — Self Tapping	14
19	26-1900	Cover — Deck L.H.	1
20	3256-25	Flatwasher	2
21	3217-9	Nut	12
22	3253-7	Lockwasher	12
23	3256-26	Flatwasher	4
24	3233-2	Carriage Bolt	12
25	3296-23	Nut	4
26	39-7450	Bracket — Caster Arm Clamp	1
27	39-3330	Bar — Caster Clamp	2
28	325-13	Capscrew	4
29	3290-384	Lynch Pin — Safety Type	4

Ref. No.	Part No.	Description	No. Used
30	63-0070	Spacer 1/2"	24
31	28-9290	Bushing — Special	8
32	302-5	Grease Fitting	4
33	26-1430	Caster Arm L.H. (Incl. Ref. #31)	1
34	3-6781	Washer	4
35	26-1560	Caster Fork Rear	2
36	325-17	Capscrew	2
37	3256-6	Washer	8
38	62-5580	Bearing	8
39	63-1770	Spanner — Rear	2
40	302-11	Grease Fitting	2
41	63-8400	Caster Wheel — Rear (Incl. Ref. #38, 40 & 42)	2
42	63-8580	Roller Bearing	2
43	32153-5	Locknut	4
44	325-22	Capscrew	2
45	302-40	Grease Fitting	2
46	62-4330	Caster Wheel — Front (Incl. Ref. #38, 42 & 45)	2
*†	54-8810	Pneumatic Tire & Wheel Assembly (Optional)	2
47	62-4340	Spanner — Front	2
48	26-1530	Caster Fork — Front	2
49	3231-27	Carriage Bolt	2
50	63-9870	Gear Case Assembly	1
51	3213-26	Carriage Bolt	4
52	63-9750	Mount Isolation	4
53	62-5570	Roller Bearing	2

*Not Illustrated

†See page 00 for pneumatic tire & wheel assembly.

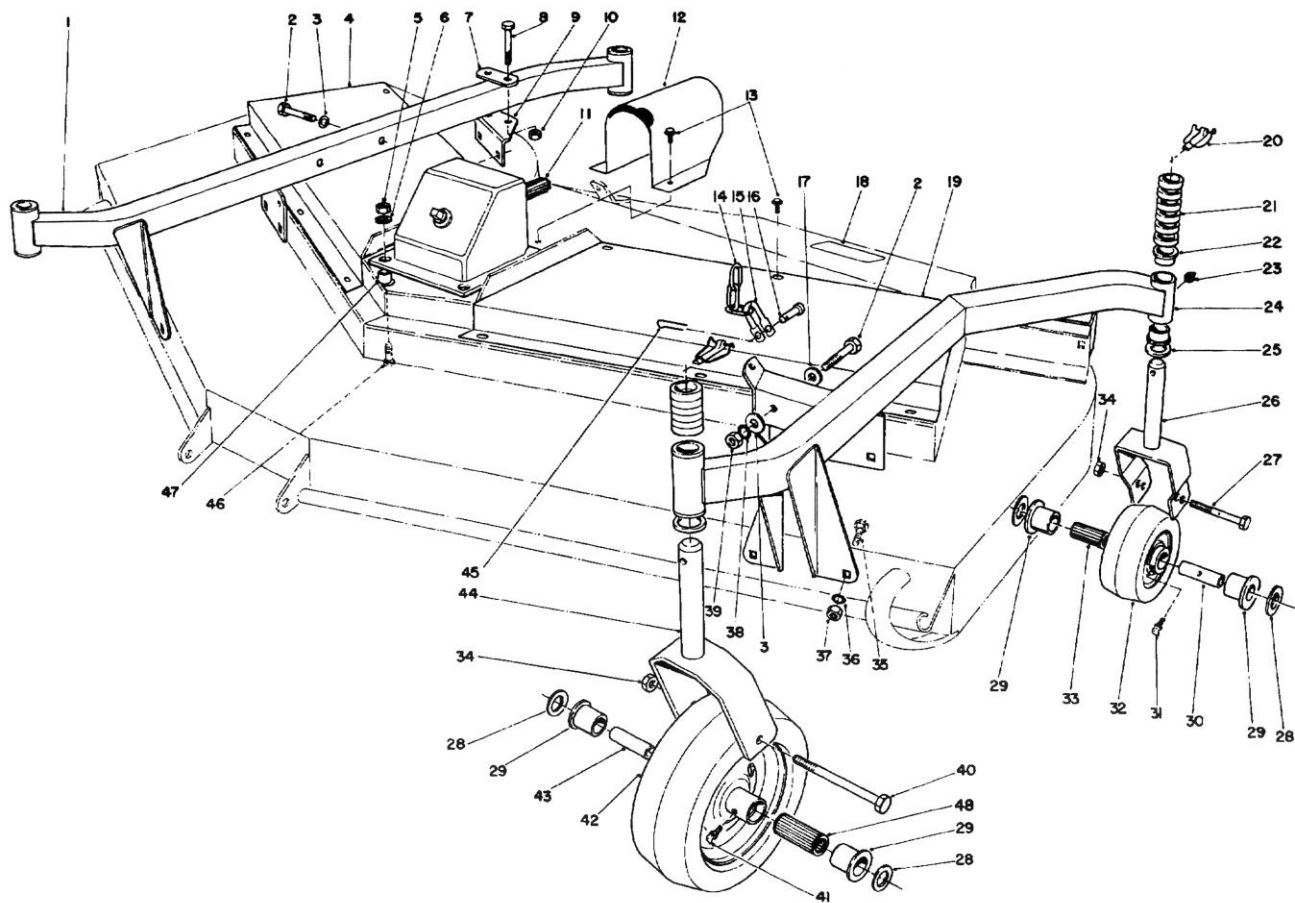


CUTTING UNIT MODEL NO. 30710

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	31
7	3231-27	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



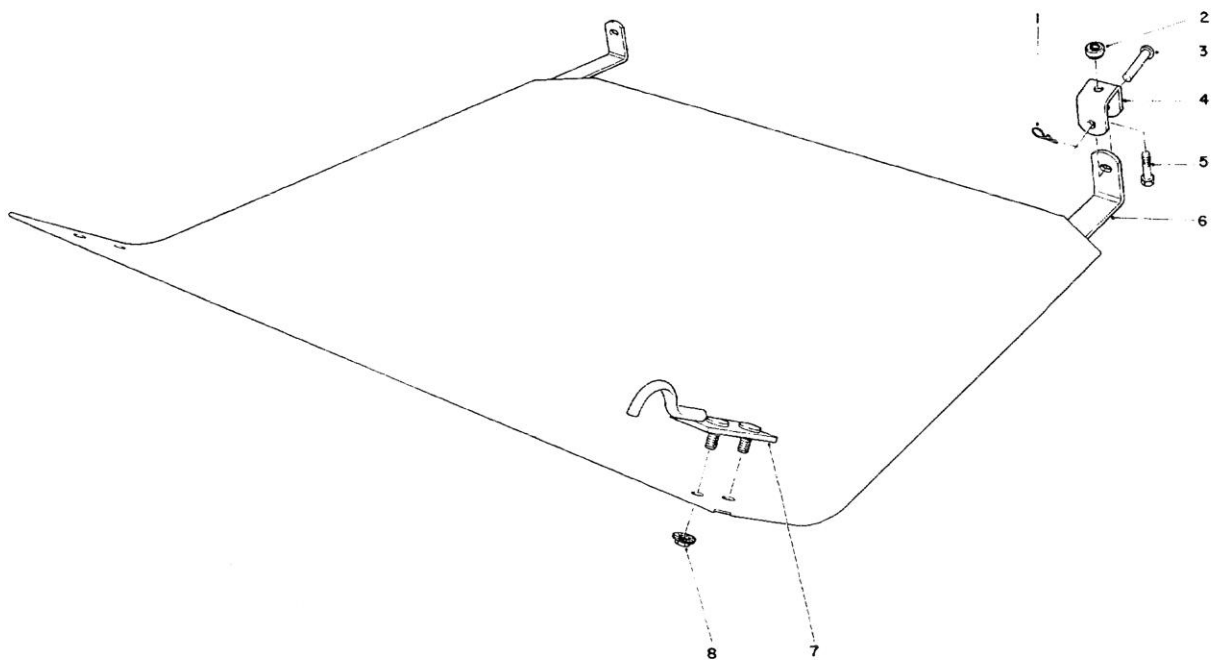
CUTTING UNIT MODEL NO. 30710 (Continued)

Ref. No.	Part No.	Description	No. Used
1	38-9370	Caster 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	32153-2	Nut	4
6	63-8410	Washer	4
7	39-3330	Bar — Castor Arm Clamp	1
8	325-13	Capscrew	2
9	39-3340	Bracket — Caster Arm Clamp	1
10	3296-23	Locknut	2
11	63-9870	Gear Box Assembly	1
12	63-1970	Shroud Universal	1
13	32104-82	Capscrew — Self Tapping	14
14	3-1365	Lift Chain	3
15	5-2942	Shackle	3
16	282-10	Pin	3
17	3256-25	Flat Washer	2
18	26-7970	Decal — Caution (Rotating Blade)	1
19	26-1900	Cover Deck L.H.	1
20	3290-384	Lynch Pin Safety Type	4
21	63-0070	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	Caster Fork — Rear	2

Ref. No.	Part No.	Description	No. Used
27	325-17	Capscrew	2
28	3256-6	Washer	8
29	62-5580	Bushing	8
30	63-1770	Spanner — Rear	2
31	302-11	Grease Fitting	2
32	63-8400	Castor Wheel — Rear (Incl. Ref. #29, 31, & 33)	4
33	63-8580	Roller Bearing	2
34	32153-5	Locknut	4
35	3233-2	Carriage Bolt	12
36	3253-7	Lockwasher	12
37	3219-9	Nut	12
38	3253-6	Lockwasher	4
39	3217-8	Nut	4
40	325-22	Capscrew	2
41	302-11	Grease Fitting	2
42	62-4330	Caster Wheel — Front (Incl. Ref. #29, 33 & 41)	2
43	63-4340	Spanner — Front	2
44	26-1530	Caster Fork	2
*†	54-8810	Pneumatic Tire & Wheel Assembly (Optional)	2
45	3272-10	Cotter Pin	3
46	3231-22	Carriage Bolt	4
47	63-9750	Mount Isolation	4
48	62-5570	Roller Bearing	2

*Not Illustrated

†See page 51 for pneumatic tire & wheel assembly.

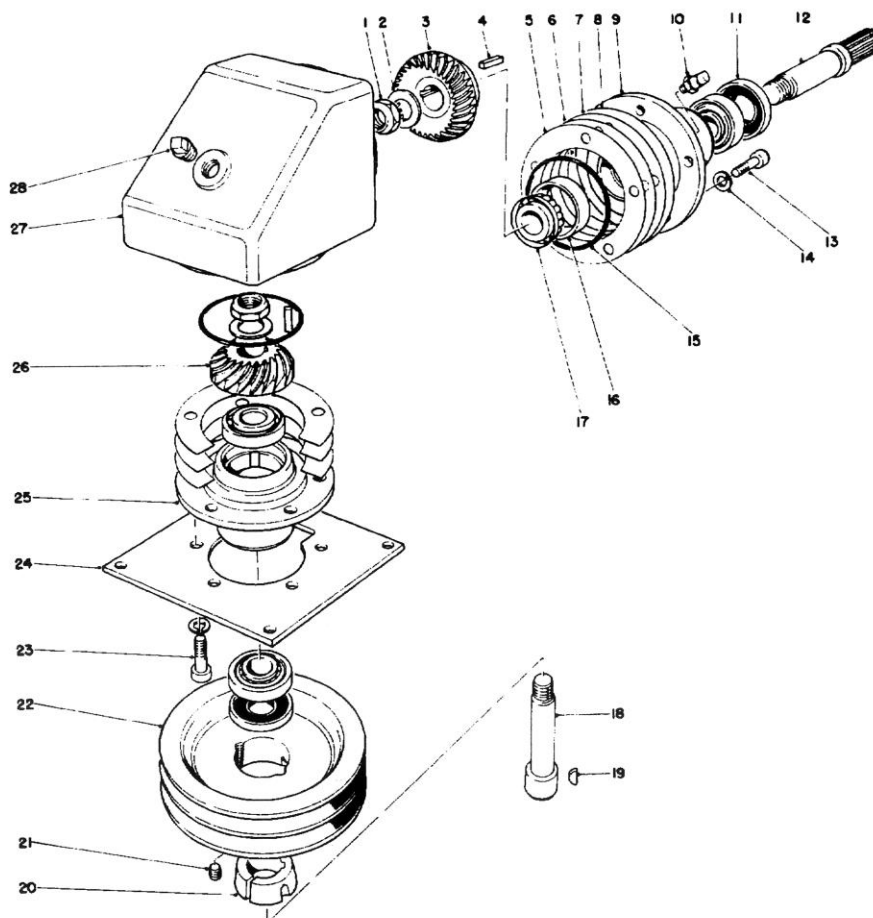


CUTTING UNIT MODEL NO. 30710 (Continued)

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" Groundmaster Diesel only.

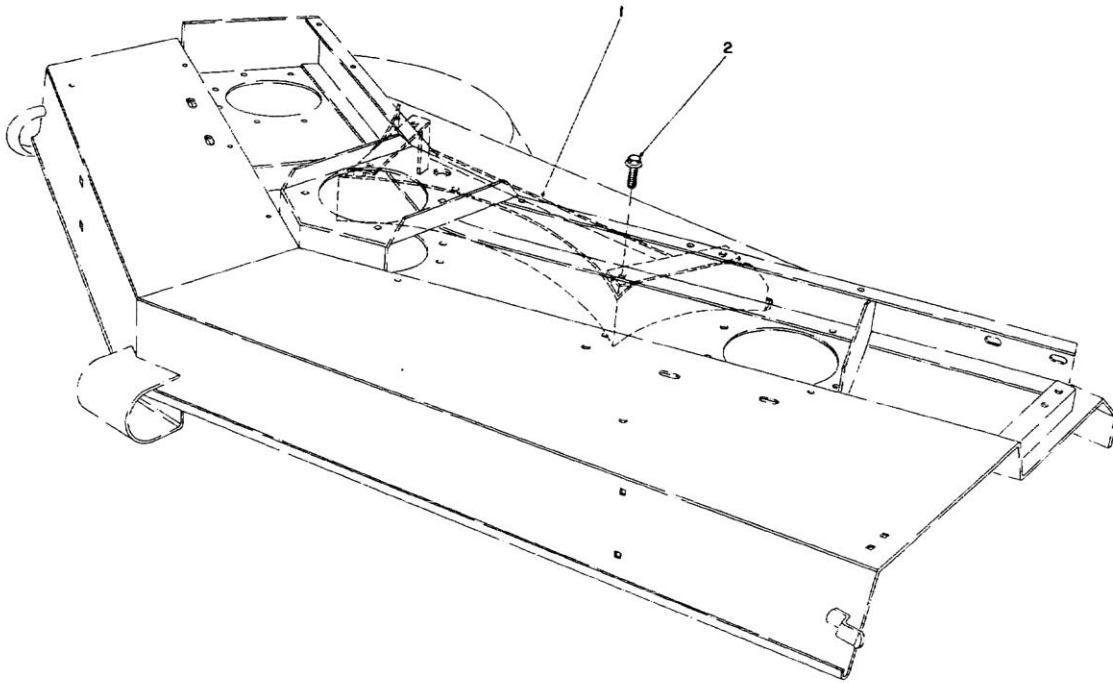


CUTTING UNIT MODEL NO. 30721 & 30710

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
16	254-90	Bearing Cup	4
17	254-91	Bearing Cone	4
18	26-1320	Shaft — Output	1
19	3257-5	Key Woodruff	1

Ref. No.	Part No.	Description	No. Used
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	63-9670	Mounting Plate Gear Box (Used On Units With Serial No. 80001 & Up)	1
24	26-1390	Mounting Plate Gear Box (Used On Units With Serial No. 70001 thru 80001)	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

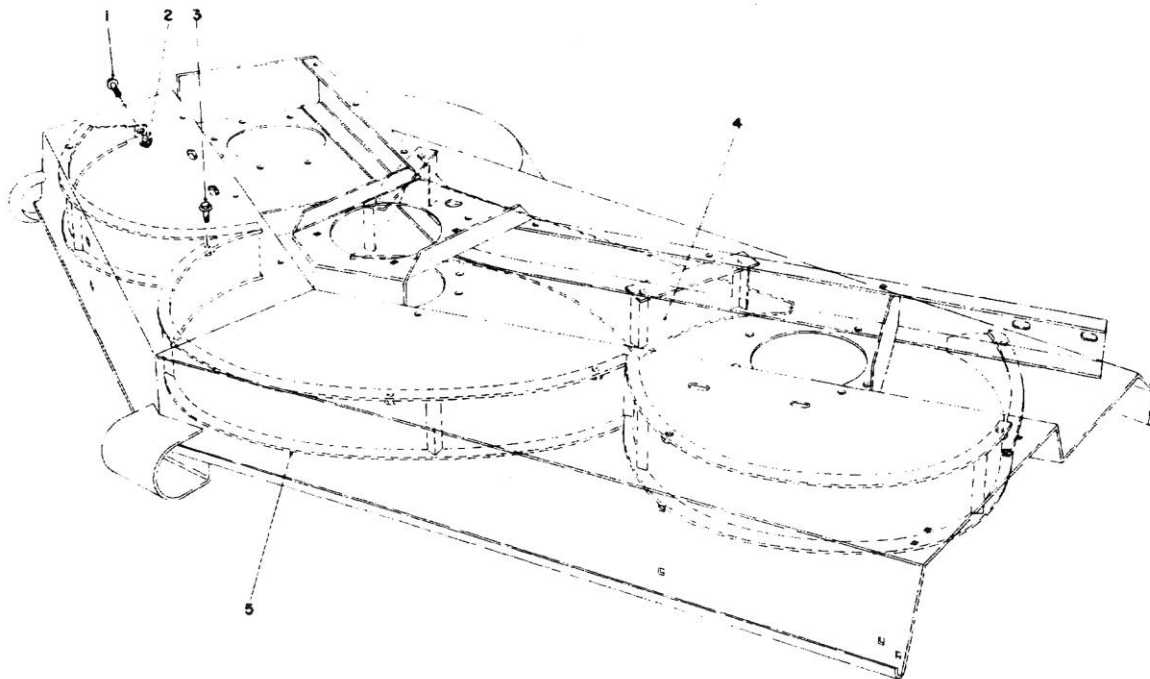


REAR BAFFLE KIT MODEL NO. 51-1460 (Optional)

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.

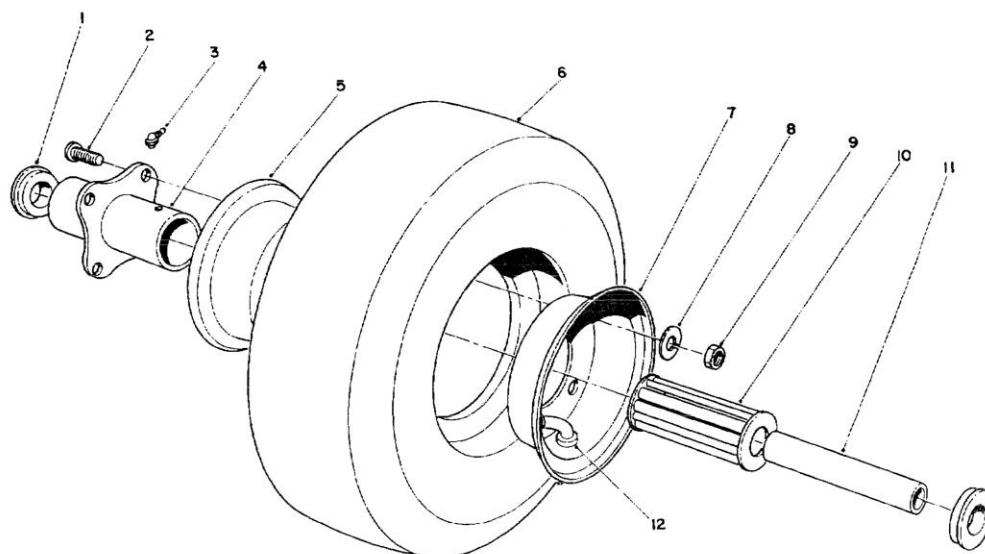


MULCHER KIT MODEL NO. 30732 (Optional)

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

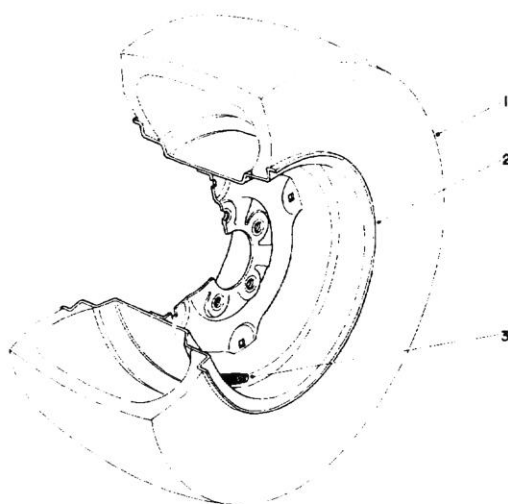
NOTE: Will not fit with Cutting Unit Model No. 30710.



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

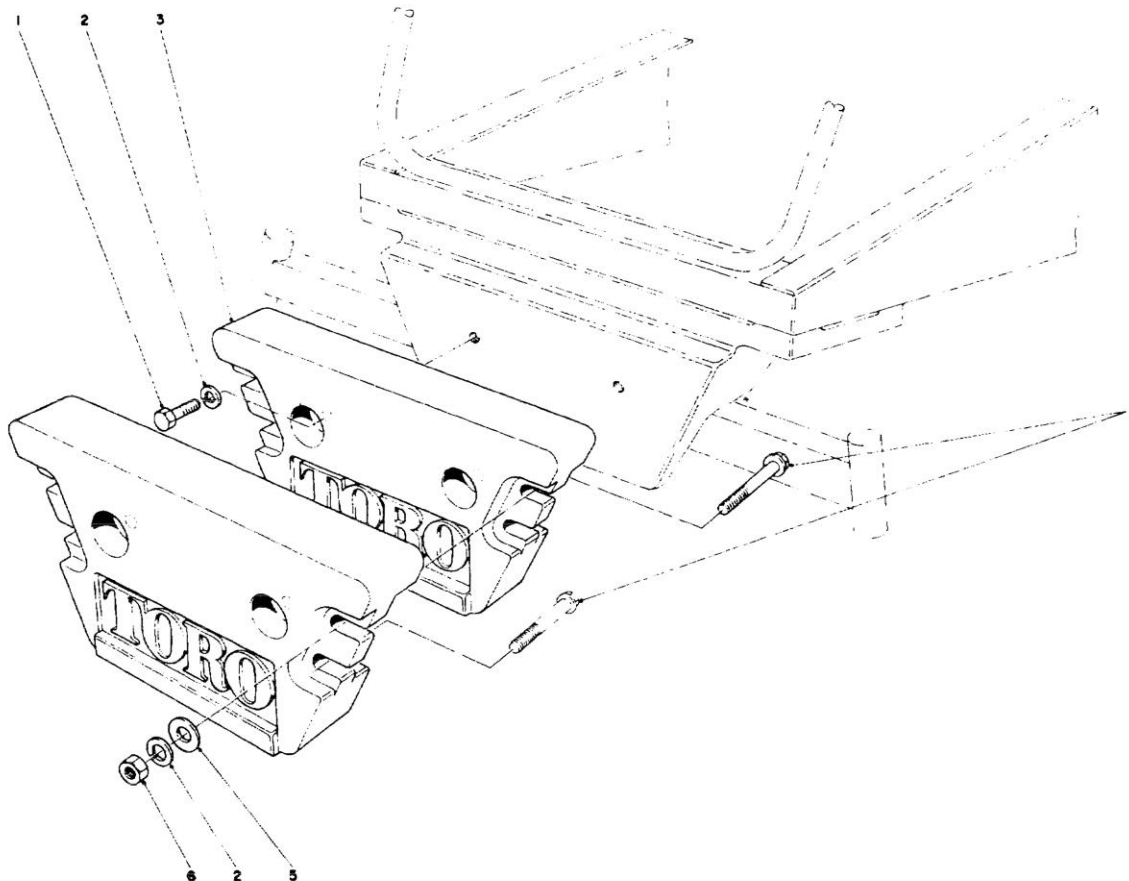


TIRE & WHEEL ASSEMBLY 23 X 10.50 X 12 (Optional) NO. 62-7020

Ref. No.	Part No.	Description	No. Used
1	231-95	Tire	1
2	217-116	Rim	1

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

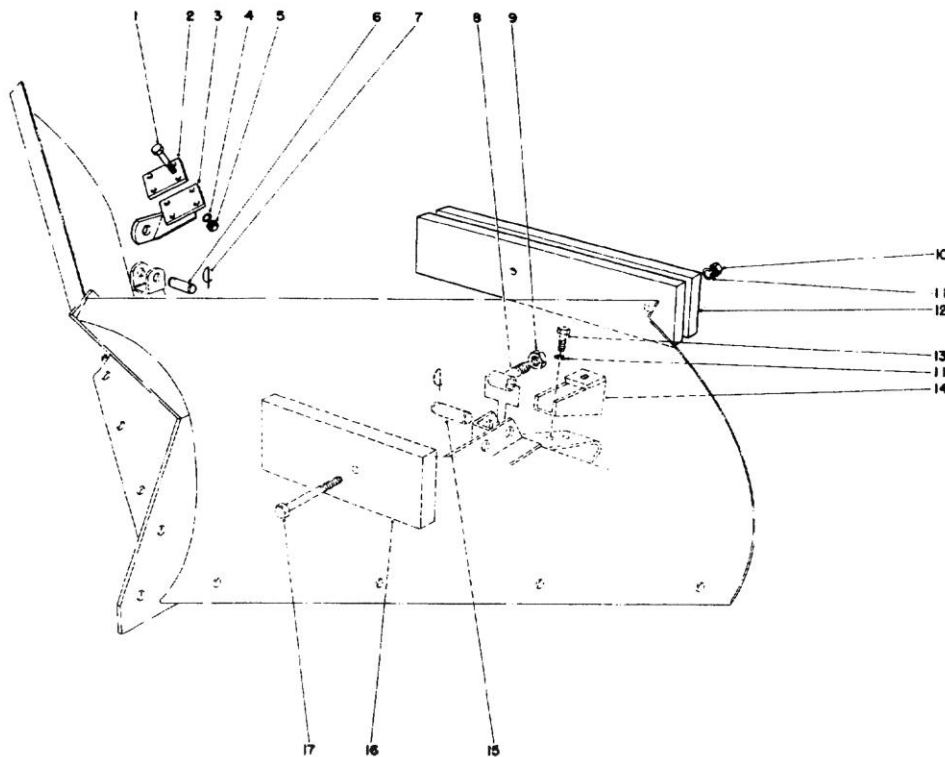
NOTE: Will not fit with Cutting Unit Model No. 30710.



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

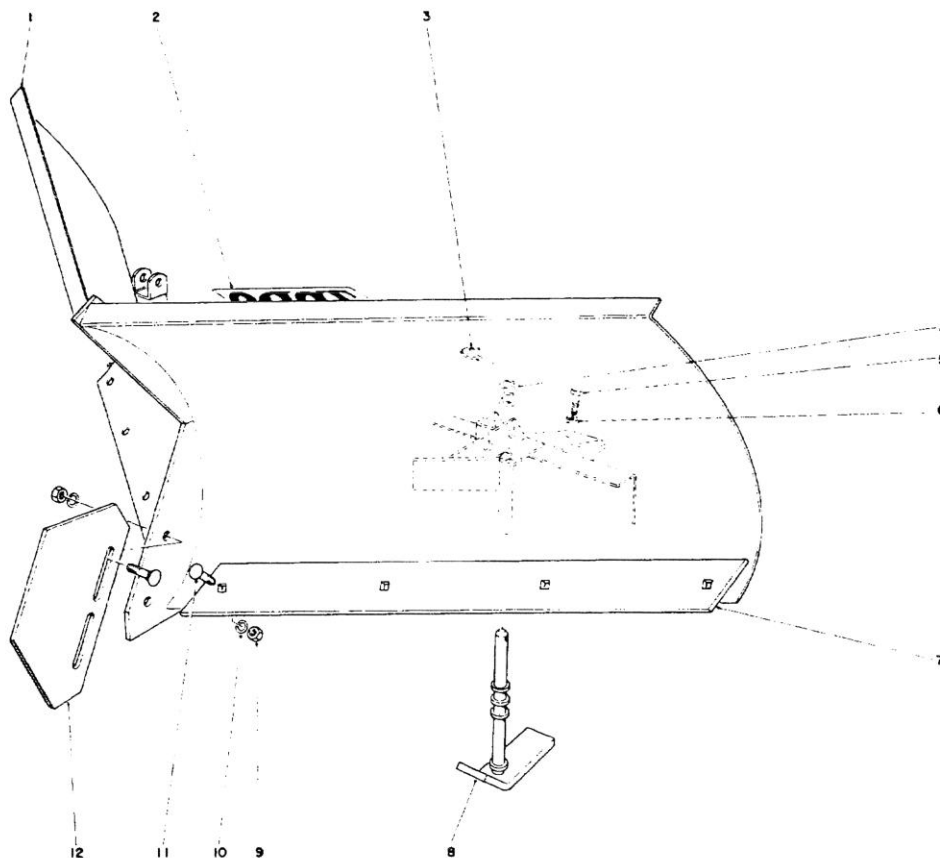


V-PLOW INSTALLATION KIT MODEL NO. 30757 (Optional)

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

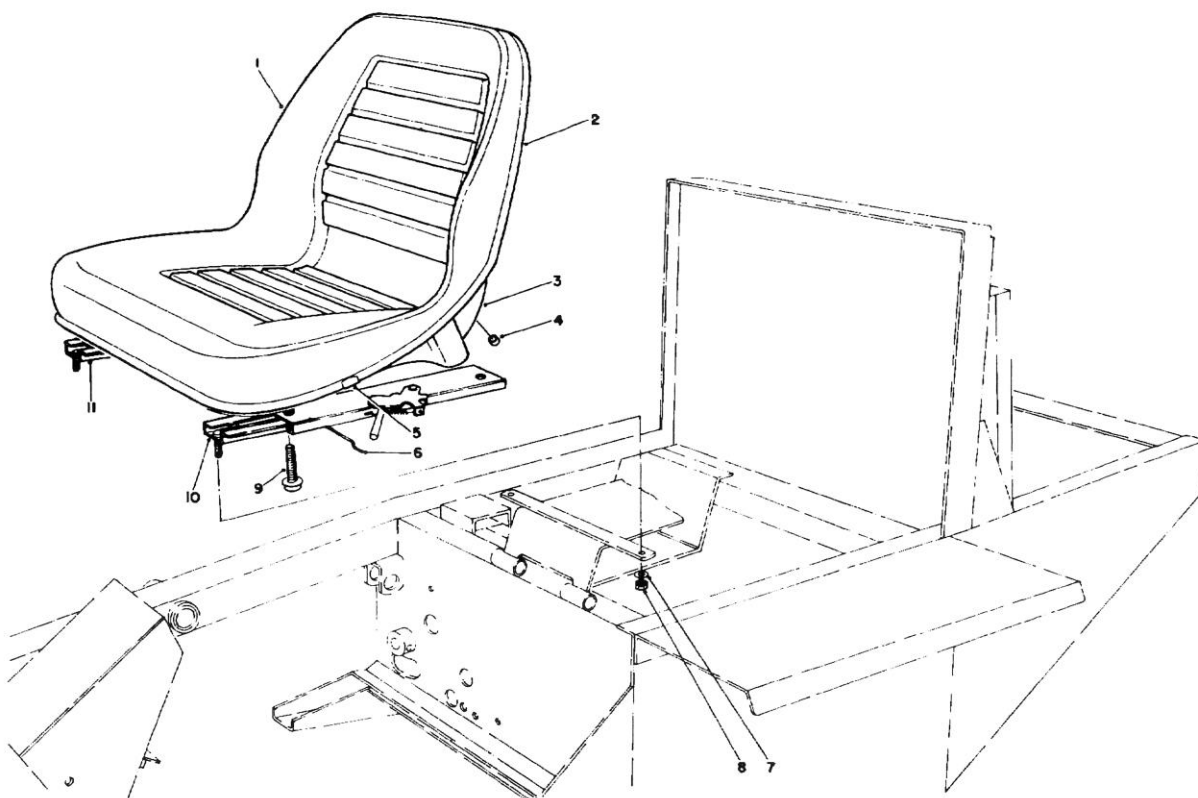
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V-PLOW MODEL NO. 30750 (Optional)

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

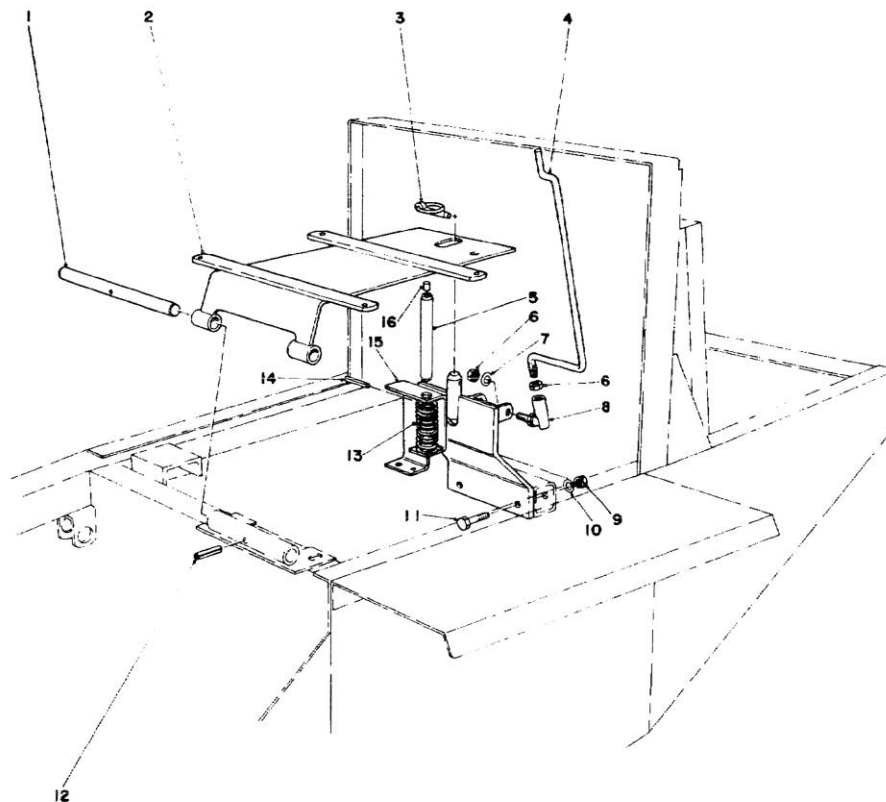


STANDARD SEAT KIT MODEL NO. 30770

Ref. No.	Part No.	Description	No. Used
1		Cushion	1
2	67-9570	Trim	1
3	67-9560	Base	1
4		Grommet Assembly	1
5		Clip	1
6	52-4890	Rod — Connecting	1
7	3253-4	Lockwasher	4
8	3217-6	Nut	4

Ref. No.	Part No.	Description	No. Used
9	3234-5	Hex Flange Hd. Capscrew	4
10	51-0790	Adjuster — L.H.	1
11	52-4880	Adjuster — R.H.	1
*	66-5400	Seat Assembly (Incl. Ref. #1-5)	1
*	67-9550	Replacement Cushion Kit (Incl. Ref. #1, 4 & 5)	1

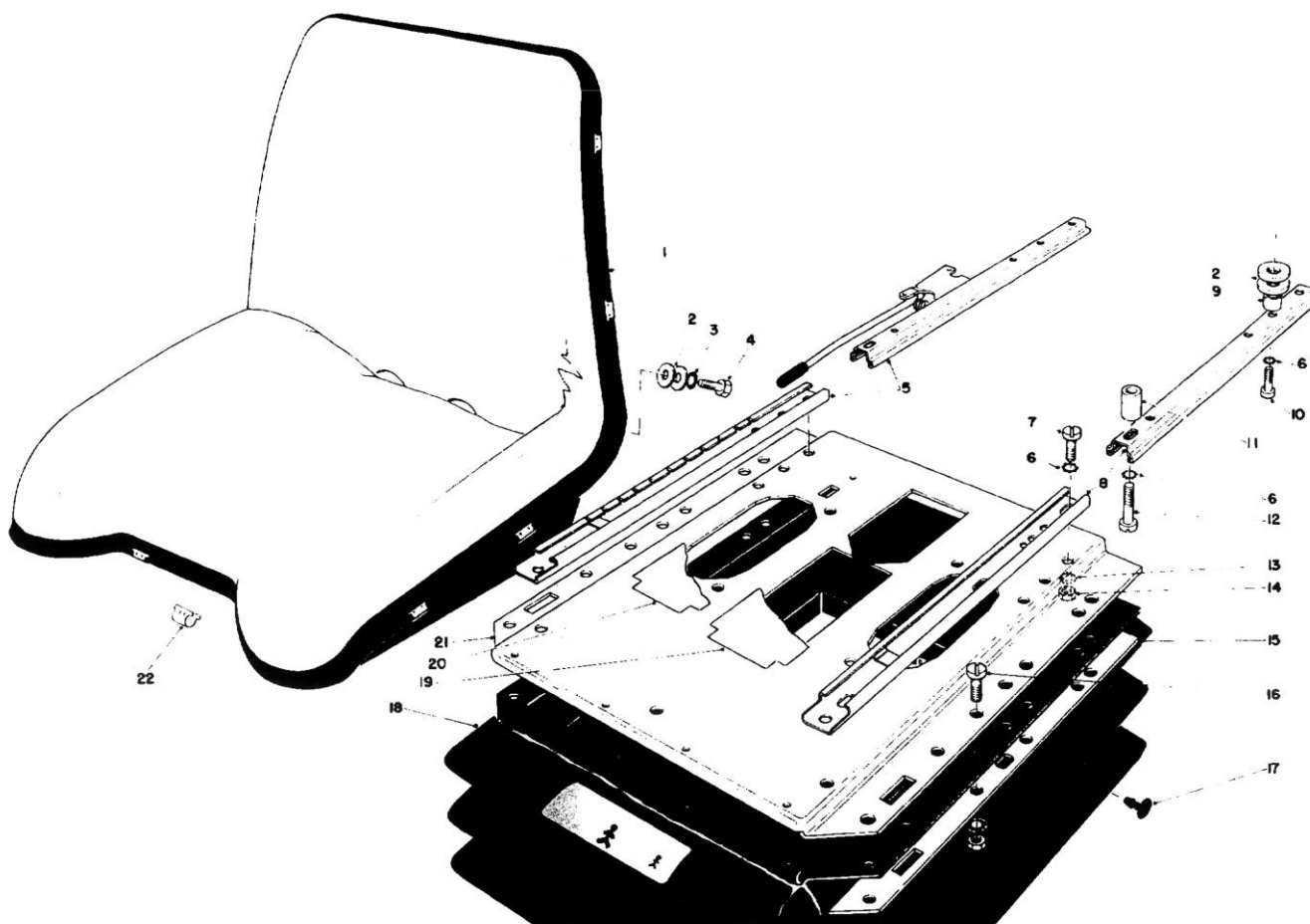
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STANDARD SEAT KIT MODEL NO. 30770 (Continued)

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

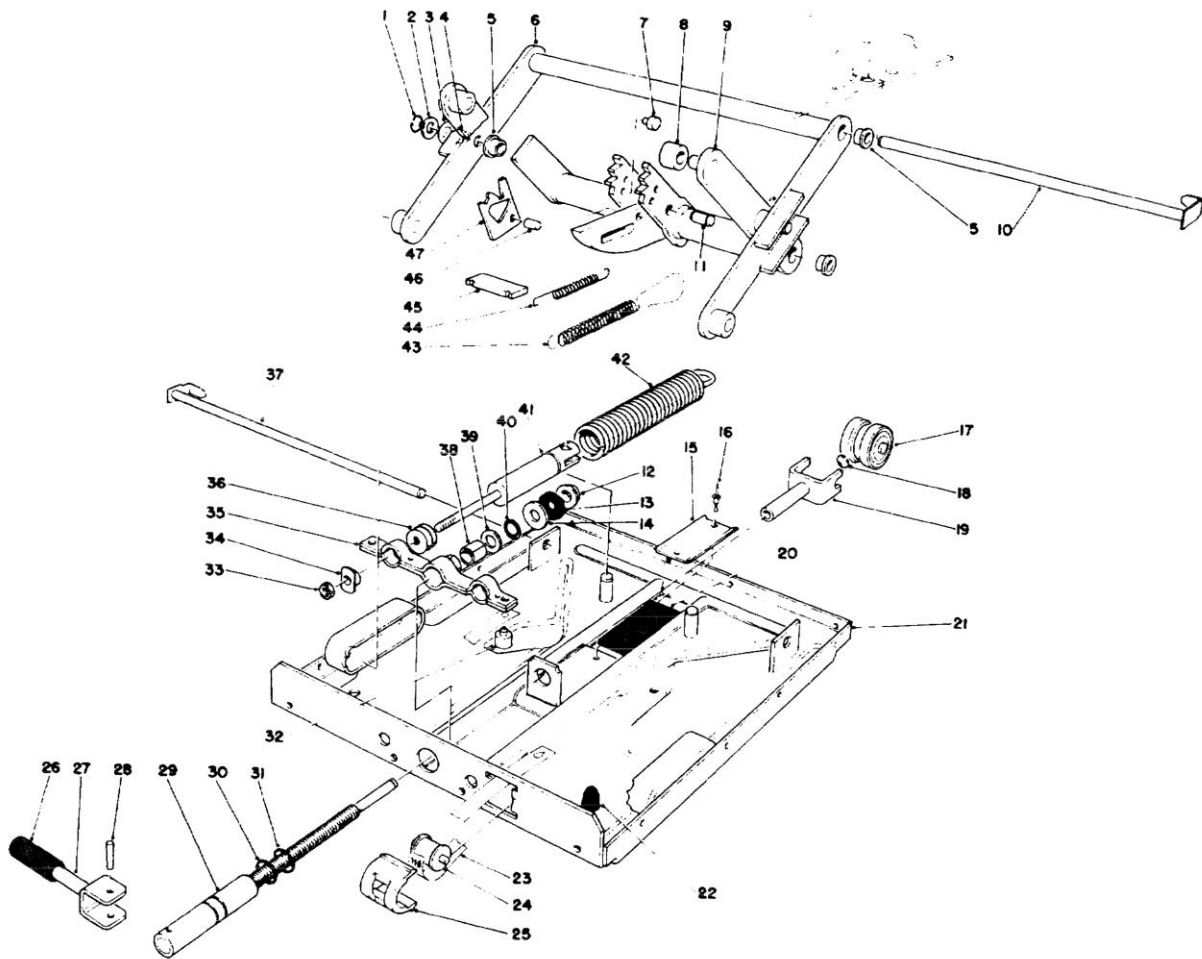


DELUXE SEAT KIT MODEL NO. 30786

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

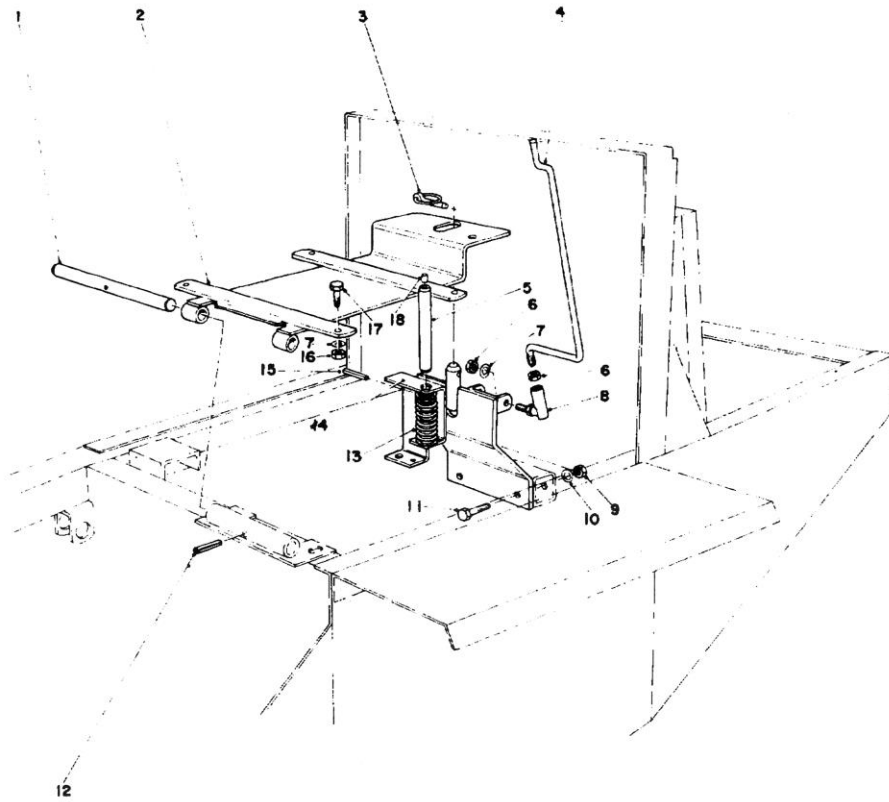
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DELUXE SEAT KIT MODEL NO. 30786 (Continued)

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

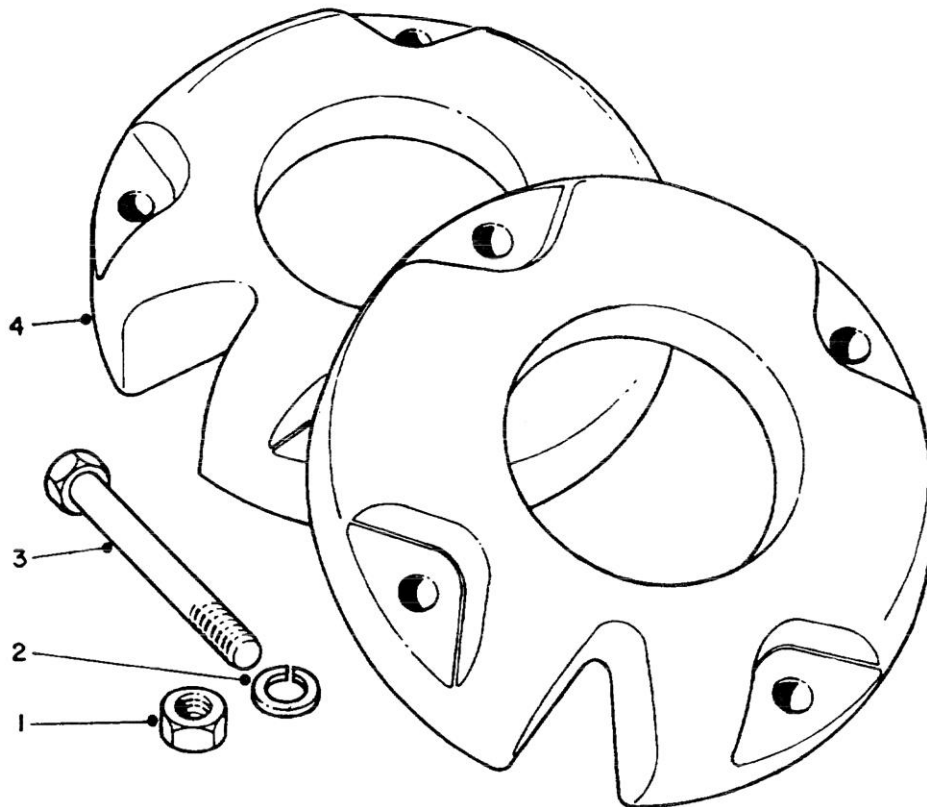
Ref. No.	Part No.	Description	No. Used
23	40-4140	Weight Indicator Band	1
24	40-4150	Roller	1
25	40-4160	Guide Sleeve	1
26	40-4170	Handle	1
27	40-4180	Toggle	1
28	40-4190	Grooved Pin 5X28MM	1
29	40-4200	Pin	1
30	40-4210	Rubber Ring 14MM Black	1
31	40-4220	Rubber Ring 14MM Red	1
32	40-4230	Plug	1
33	40-4240	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

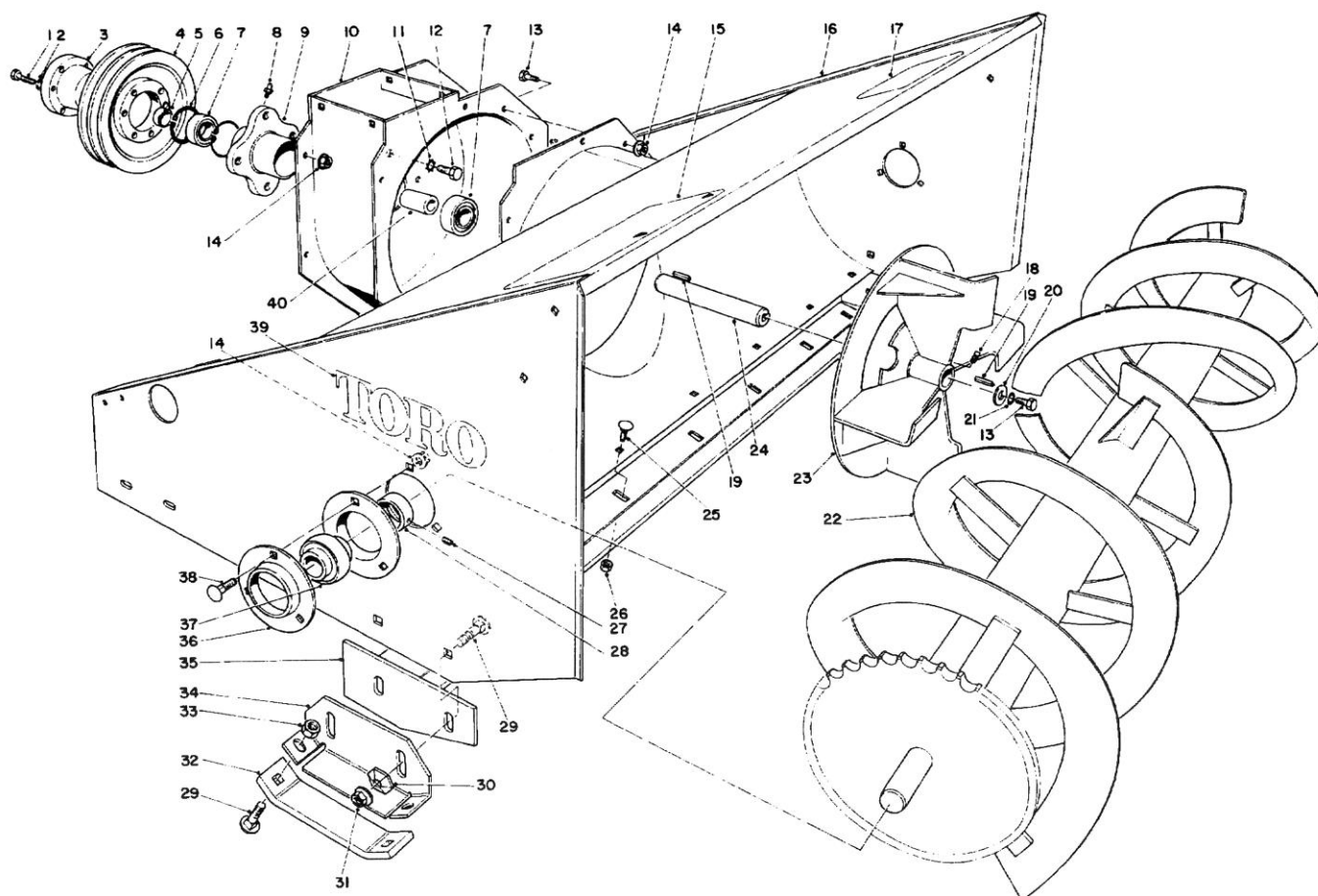
Ref. No.	Part No.	Description	No. Used
10	3253-21	Lockwasher	2
11	323-12	Capscrew	2
12	32121-4	Spring Pin	1
13	37-9590	Spring Compressor.	1
14	27-9830	Seat Support Bracket	1
15	32121-6	Spring Pin	1
16	3217-6	Nut	4
17	322-4	Capscrew	4
18	28-6180	Pin — Plastic	1



WHEEL WEIGHTS MODEL NO. 11-0440 (Optional)

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

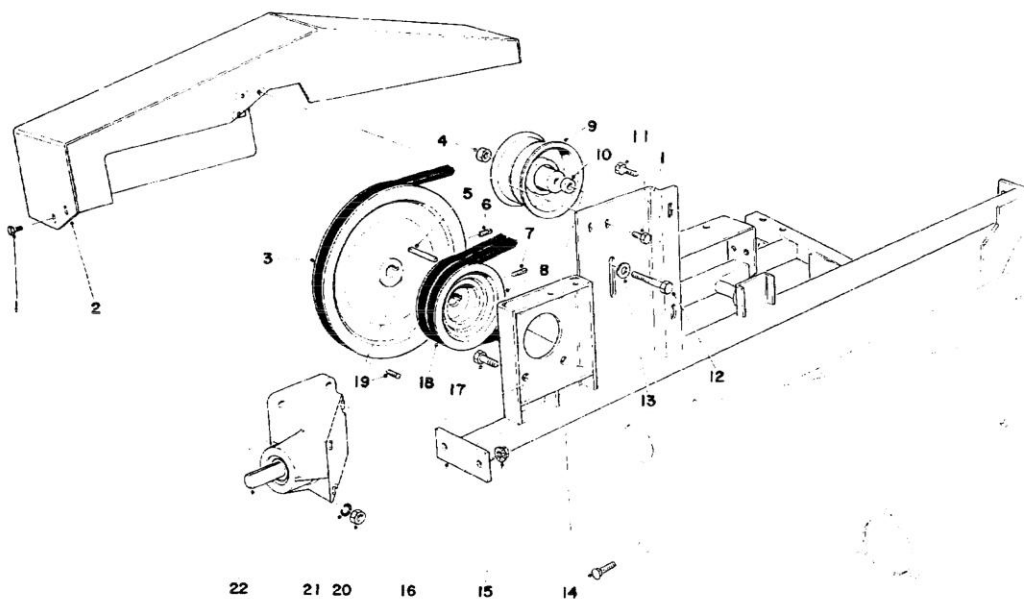
Ref. No.	Part No.	Description	No. Used
3	325-14	Capscrew	8
4	7-2111	Wheel Weight	2



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

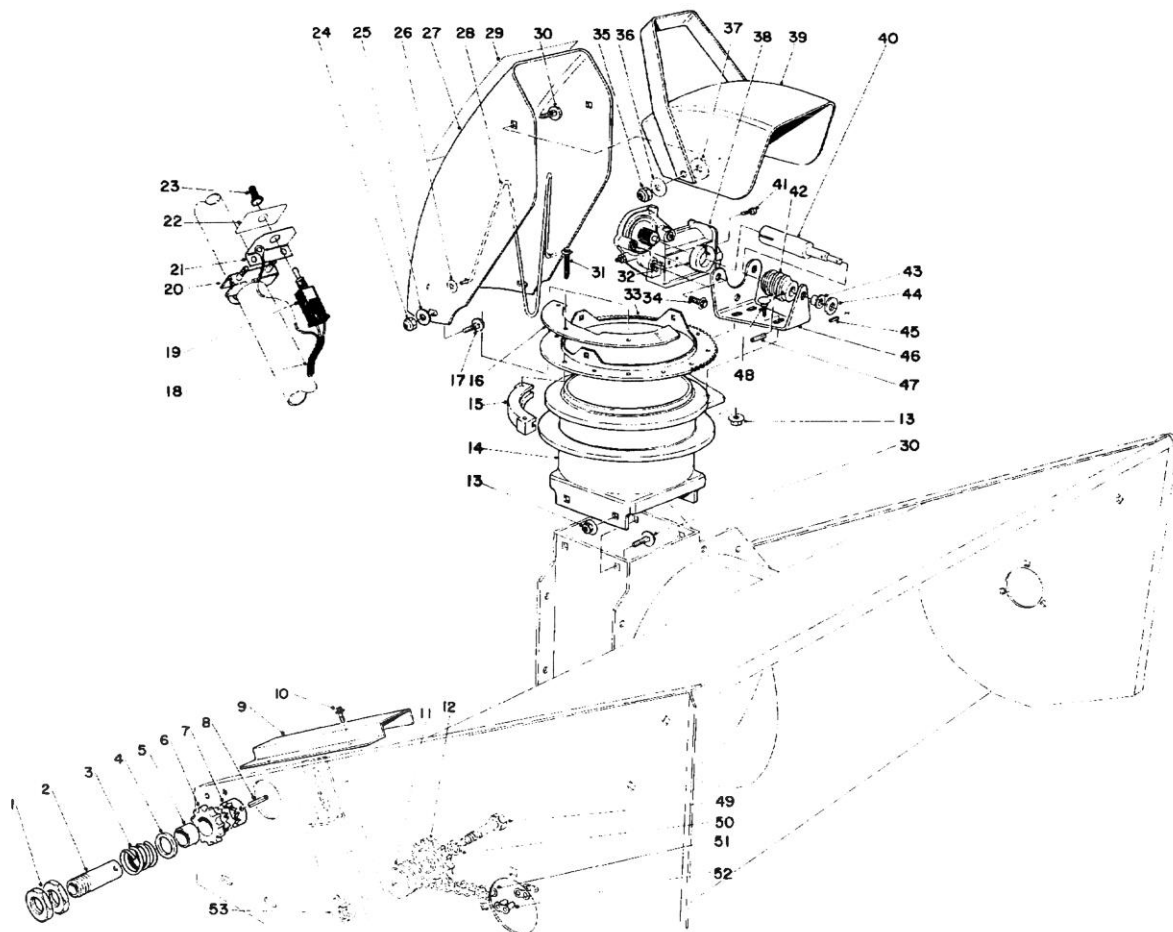


48" SNOWTHROWER MODEL NO. 30570 (Optional) (Continued)

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.

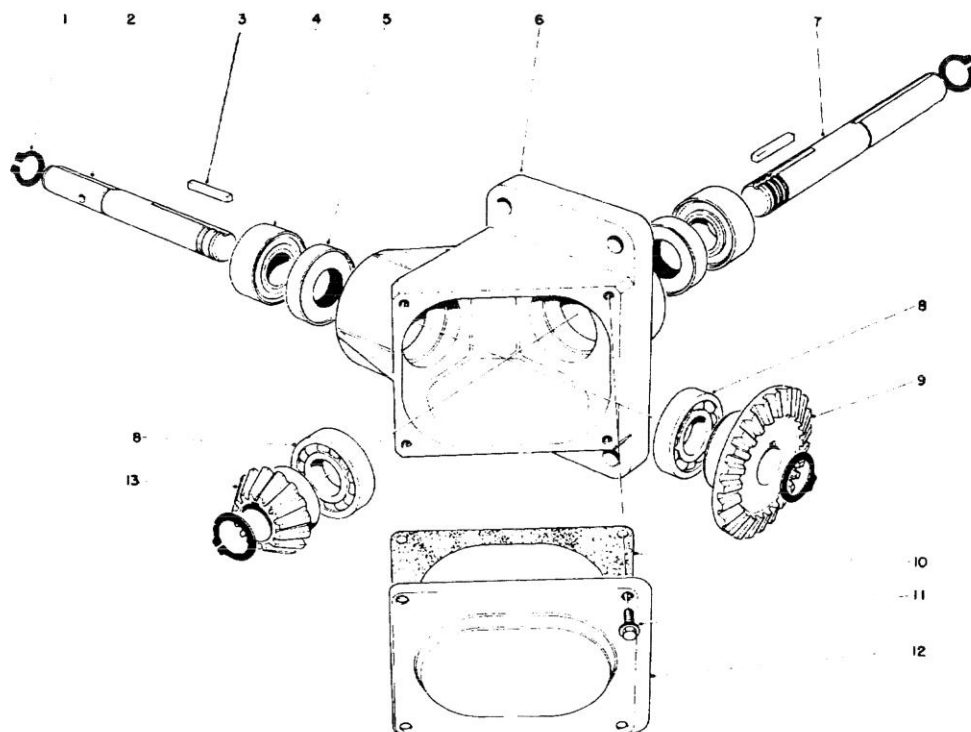


48" SNOWTHROWER MODEL NO. 30570 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	37-5720	Nut — Thin	2	29	29-6350	Decal — Warning	1
2	37-5700	Clutch Sleeve	1	30	3231-27	Carriage Bolt	6
3	37-5710	Spring Compression	1	31	27-0220	Special Screw	12
4	37-3830	Spacer	1	32	39-4940	Collar	1
5	37-5730	Bushing	1	33	39-4890	Ring — Chute Swivel	1
6	37-5680	Clutch Sprocket	1	34	3234-13	Flange Screw	3
7	37-5690	Clutch Collar	1	35	32152-2	Locknut	2
8	32121-34	Roll Pin	1	36	3290-340	Belleville Washer	2
9	32-1620	Chain Cover	1	37	20-4320	Rubber Washer	2
10	32104-76	Self-Tapping Screw	2	38	39-4920	Gearmotor	1
11	3256-7	Flatwasher	3	39	11-7120	Deflector	1
12	30-0090	Idler Sprocket	1	40	39-4930	Shaft — Worm Gear	1
13	3290-357	Locknut	7	41	3274-26	Socket Head Screw	1
14	39-4870	Chute Transition	1	42	8-8600	Worm Gear	1
15	25-5450	Swivel Block	6	43	256-255	Bushing	1
16	39-4900	Stop-Chute Rotator	1	44	3256-1	Flatwasher	2
17	3230-18	Carriage Bolt	3	45	32121-20	Roll Pin	1
18	39-4990	Wire Harness	1	46	39-4910	Motor Mount	1
19	6-1659	Toggle Switch (Incl. Ref. #23)	1	47	32121-50	Roll Pin	1
†20	2112-9	Clamp	1	48	3231-2	Carriage Bolt	3
21		Toggle Switch Mount	1	49	327-6	Capscrew	1
22	39-4970	Decal — Chute Rotation	1	50	3253-8	Lockwasher	1
23	218-473	Toggle Switch Boot	1	51	30-0160	Chain — Roller	1
24	3296-47	Locknut	3	52	2710-11	Connecting Link	1
25	3256-23	Flatwasher	3	53	30-0450	Nut Plate	1
26	3290-326	Pushnut	2	*	37-5640	Slip Clutch (Incl. Ref. #1-8)	1
27	25-5440	Upper Chute	1	*	39-4950	Toggle Switch Assembly (Incl. Ref. #19 & 21-23)	1
28	12-2040	Chute Wire	1				

*Not Illustrated

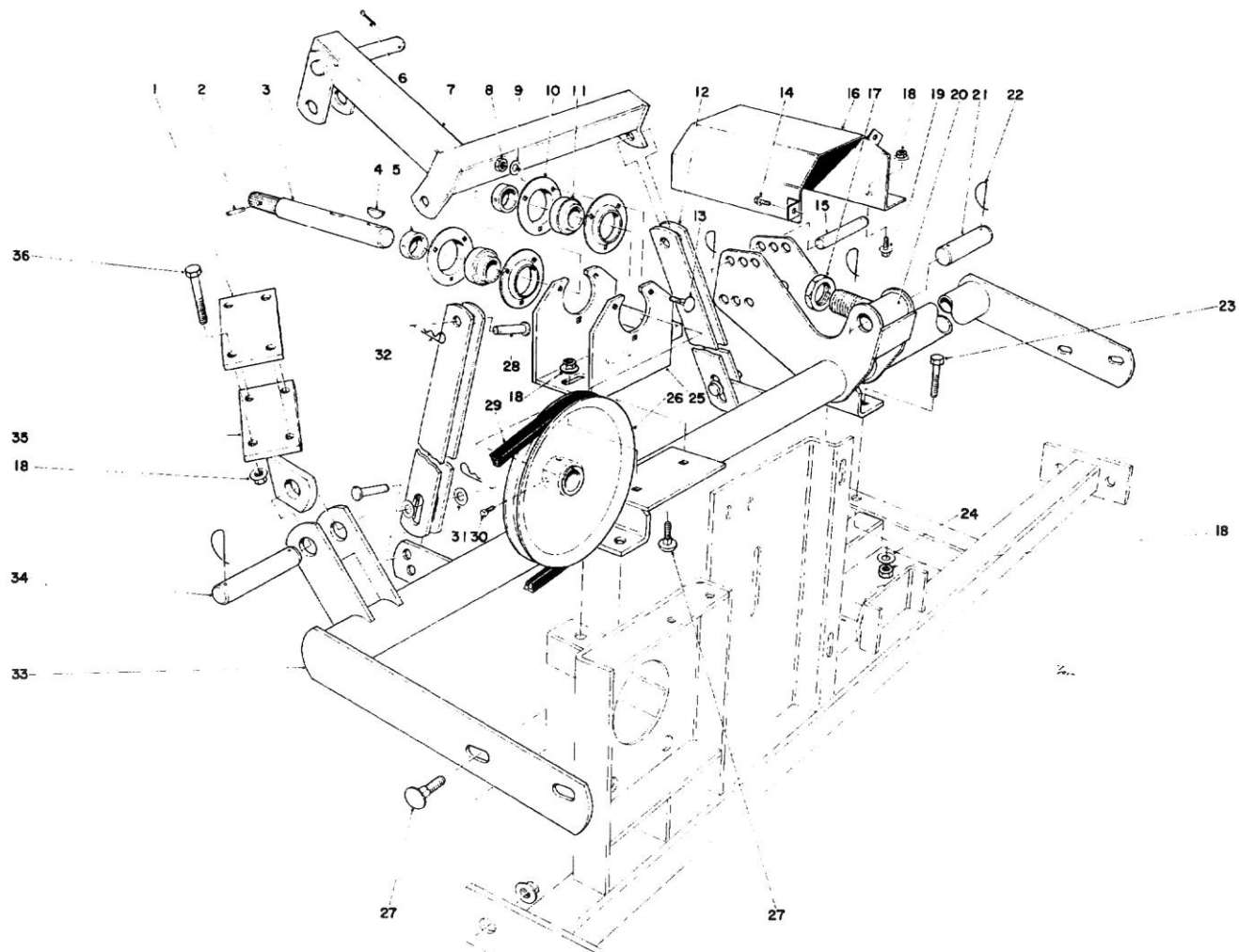
†Included in Adapter Kit Model No. 30571.



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	4
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

