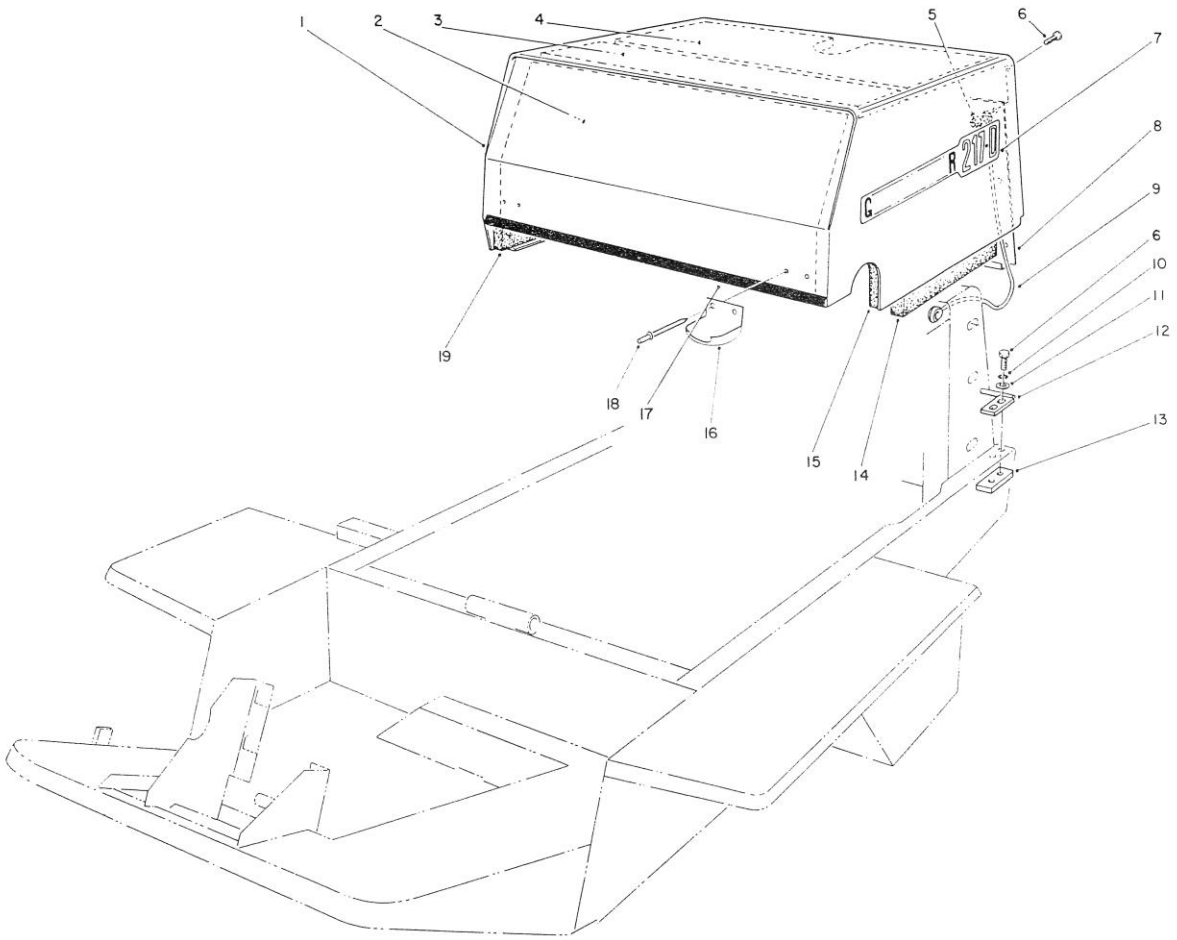
FORM NO. 3312-952

TORO®

MODEL NO. 30793 — 70001 & UP
MODEL NO. 30562 — 70001 & UP
MODEL NO. 30555 — 70001 & UP
MODEL NO. 30568 — 70001 & UP
MODEL NO. 30575 — 70001 & UP

PARTS CATALOG

GROUNDSMASTER® 217-D



HOOD ASSEMBLY

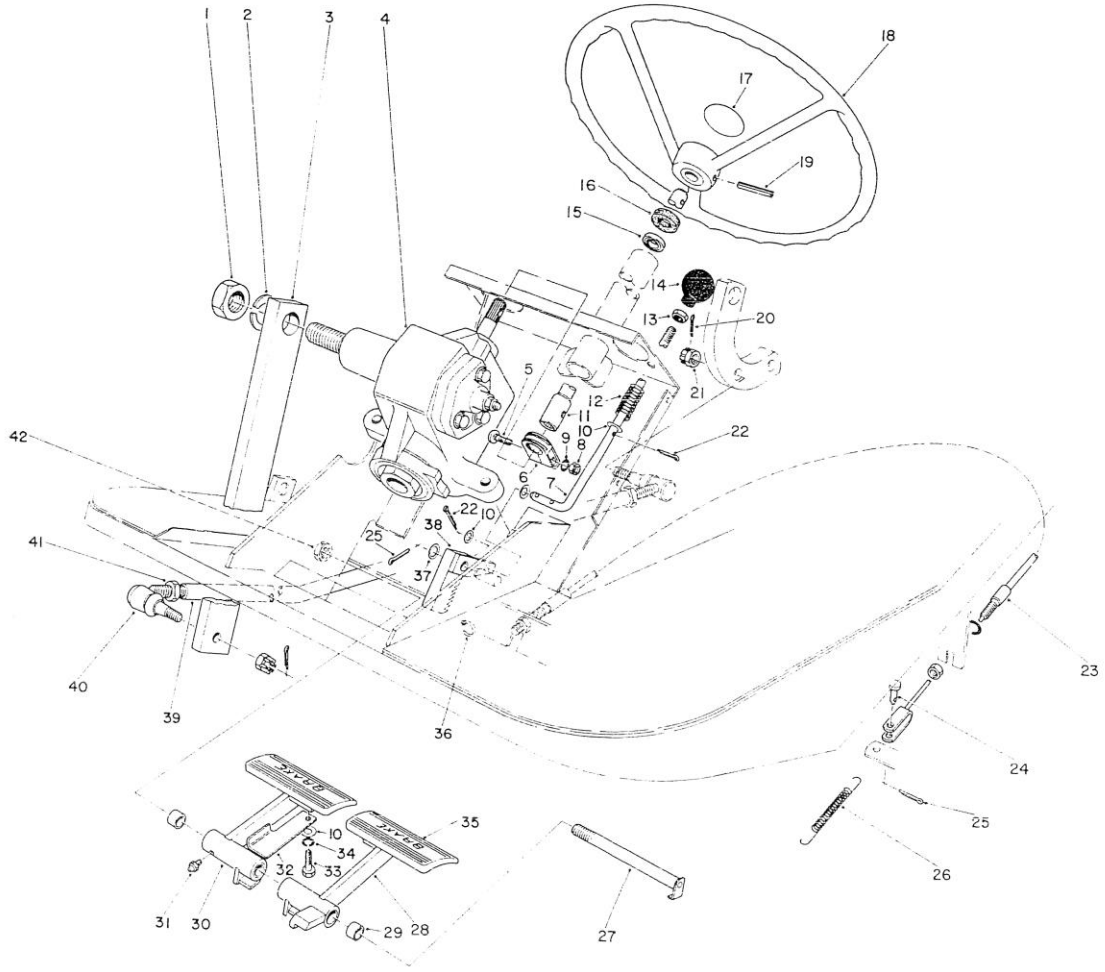
Ref. No.	Part No.	Description	No. Used
1	61-8180	Hood Assembly (Complete)	1
2	53-9080	Foam — Front	1
3	53-9120	Foam — Top Front	1
4	53-9040	Foam — Top Rear	1
5	32128-33	Nut — Flange Lock	6
6	321-4	Screw — Cap Hex. Hd.	10
7	53-9140	Decal — Groundsmaster 217-D	2
8	53-8910	Grille	1
9	55-4370	Cable — Hood Support	2
10	3253-3	Washer — Lock	4
11	3256-22	Washer — Flat	4

Ref. No.	Part No.	Description	No. Used
12	27-4830	Pin — Pivot L.H.	1
*	27-4800	Pin — Pivot R.H.	1
13	53-9030	Plate — Nut	2
14	53-9090	Foam — Rear L.H.	1
*	53-9100	Foam — Rear R.H.	1
15	53-9050	Foam — Front L.H.	1
16	60-8660	Keeper	2
17	53-9020	Trim — Hood	1
18	3269-16	Pop Rivet	4
19	53-9070	Foam — Front R.H.	1

*Not Illustrated

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PRICE $1.00

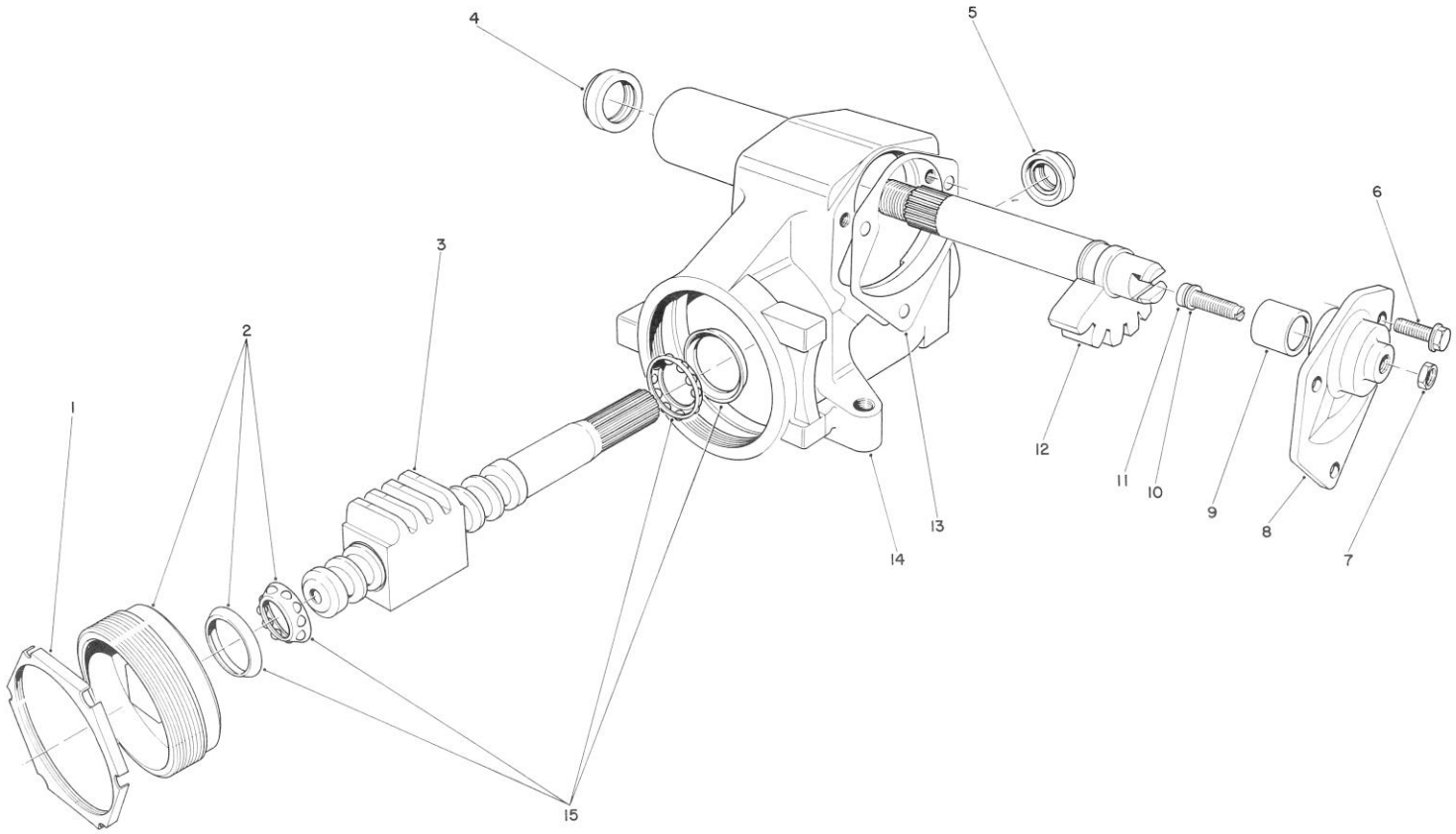


PEDALS AND STEERING WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-8	Nut	1
2	3253-28	Lockwasher	1
3	41-8880	Arm – Gear Box	1
4	41-8820	Steering Gear Assembly (Incl. Ref. #1 & 2)	1
5	3232-16	Bolt – Carriage	1
6	41-8830	Clamp – Coupling	1
7	27-3550	Rod – Brake Latch	1
8	3217-8	Nut – Hex	1
9	3253-6	Washer – Lock, Spring	1
10	3256-22	Washer – Plain Flat	4
11	41-8840	Steering Shaft	1
12	3-3251	Spring	1
13	3217-5	Nut – Hex	1
14	233-17	Knob	1
15†	251-275	Bearing – Ball	1
16	21-9260	Dust Cover	1
17	24-2090	Cap – Steering Wheel	1
18	25-6260	Steering Wheel	1
19	32121-10	Pin – Roll	1
20	3272-7	Cotter Pin	2
21	32136-4	Slotted Nut	2
22	3272-5	Pin – Cotter	3

Ref. No.	Part No.	Description	No. Used
23	21-3370	Brake Cable Assembly	2
24	283-58	Pin – Clevis	2
25	3272-10	Pin – Cotter	3
26	3-7243	Spring – Return	2
27	42-2540	Pin – Brake	1
28	41-8810	Brake Pedal L.H. (Incl. Ref. #29 & 31)	1
29	256-42	Bushing	4
30	41-8800	Brake Pedal R.H. (Incl. Ref. #29 & 31)	1
31	302-5	Grease Fitting	2
32	27-3560	Latch – Parking Brake	1
33	329-4	Screw – Cap, Hex Hd.	1
34	3253-3	Washer – Lock Spring	1
35	7-3900	Food Pad – Brake	2
36	3290-378	Plastic Ty-On	1
37	3256-26	Washer – Plain Flat	2
38	42-3220	Rack	1
39	27-3390	Tube – Front Steering	1
40	21-0140	Socket Assembly R.H. (Incl. Ref. #21)	2
41	3220-5	Nut – Hex Jam	2
42	3296-33	Nut – Lock, Nylon Insert	1

†Included with Steering Post Bracket Assembly, Ref. Page 6, Item 10.

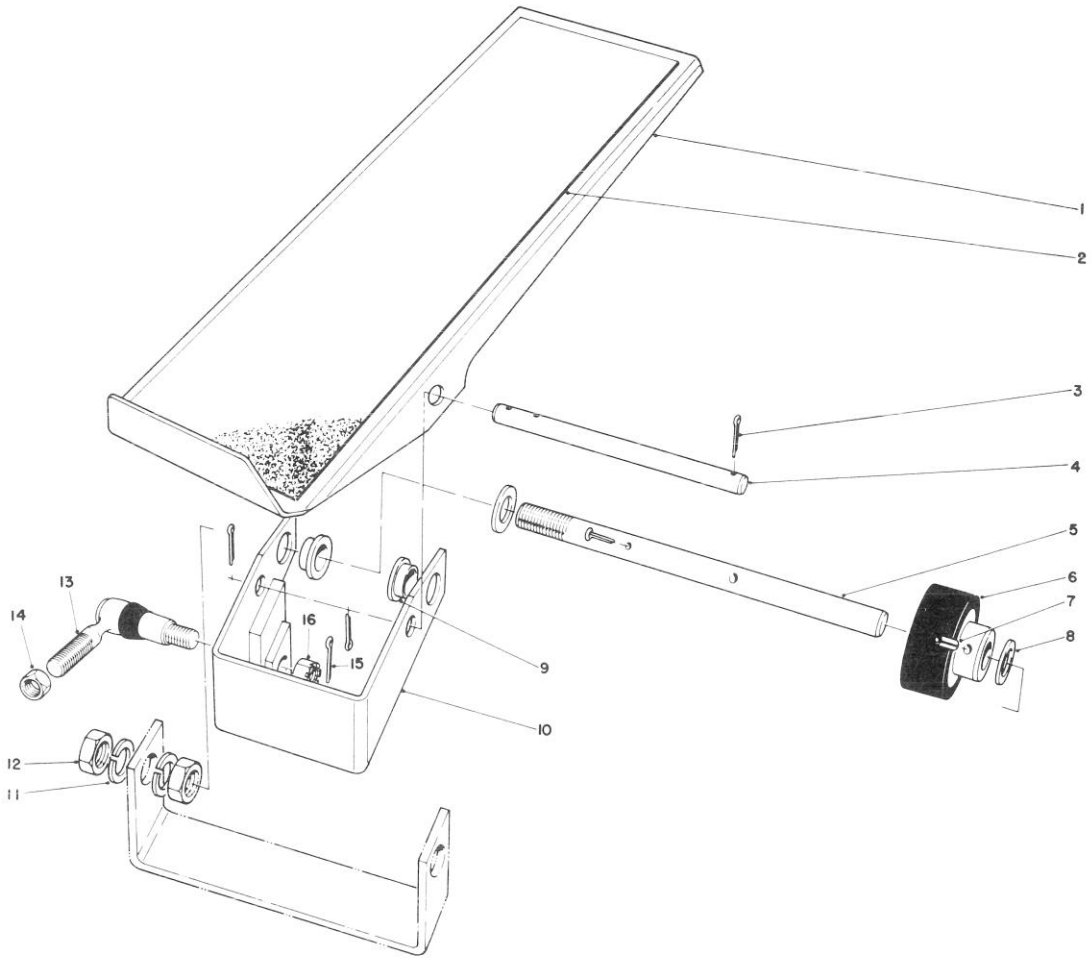


STEERING GEAR ASSEMBLY NO. 41-8820

Ref. No.	Part No.	Description	No. Used
1	5676217	Nut – Adjuster Lock	1
2	5666681	Adjuster Assembly	1
3	7812946	Worm Assembly – Steering	1
4	7801626	Seal	1
5	7802160	Seal	1
6	7807009	Hex Head Flange Bolt	3
7	114495	Nut	1
8	7806748	Side Cover Service Kit (Incl. Ref. #6, 9, 11 & 13)	1

Ref. No.	Part No.	Description	No. Used
9		Bushing	1
10	605142	Shim Kit	1
11	7802482	Adjuster	1
12	7812834	Gear – Pitman Shaft	1
13	5666734	Gasket	1
14	5679292	Steering Gear Housing	1
15	5666693	Bearing Assembly – Worm Thrust	1

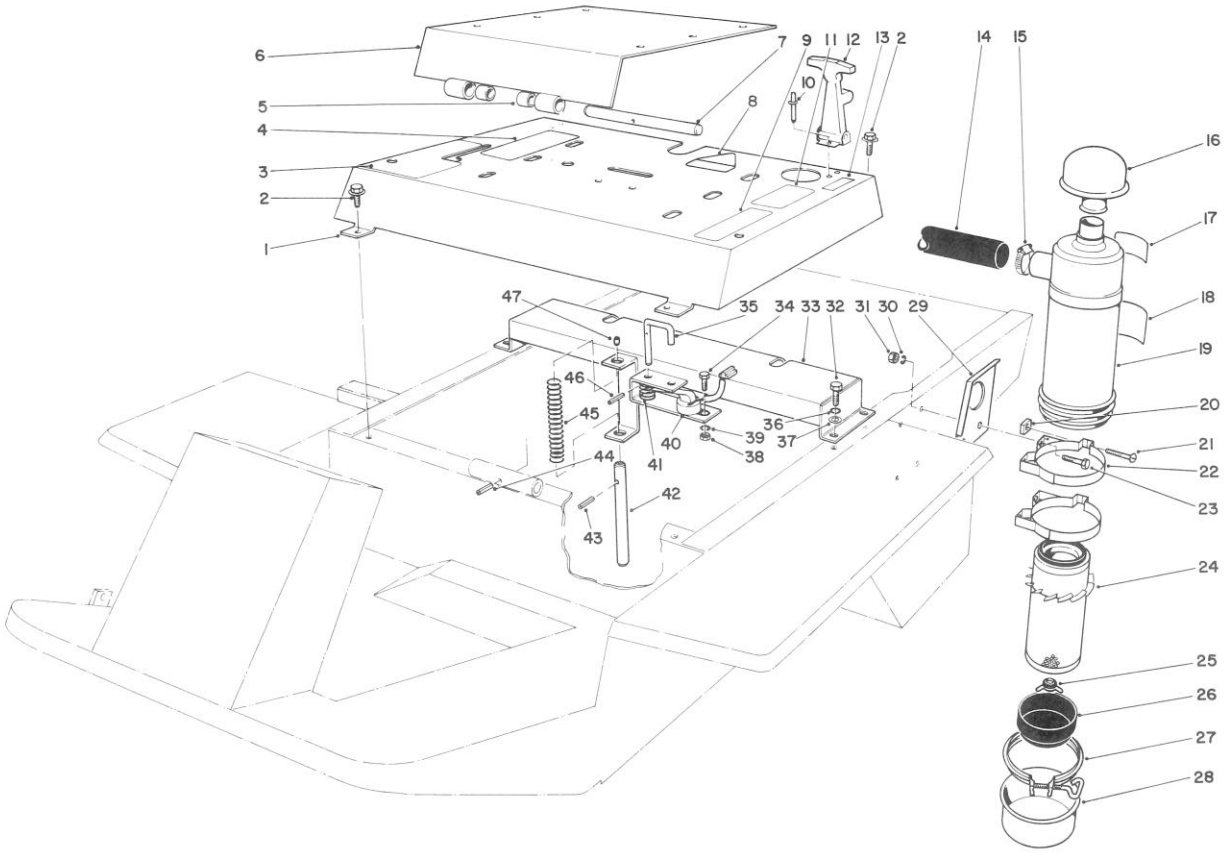
Note: Obtain parts from your local GMC, Chevrolet Dealer.



TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	29-5670	Traction Pedal	1
2	28-5130	Pad Pedal	1
3	3272-10	Cotter Pin	4
4	29-5630	Pivot Pin Pedal	1
5	29-5640	Shaft – Traction Pedal	1
6	28-5220	Friction Wheel Assembly	1
7	32121-16	Roll Pin	1
8	5-7570	Washer	2
9	256-156	Bushing	2

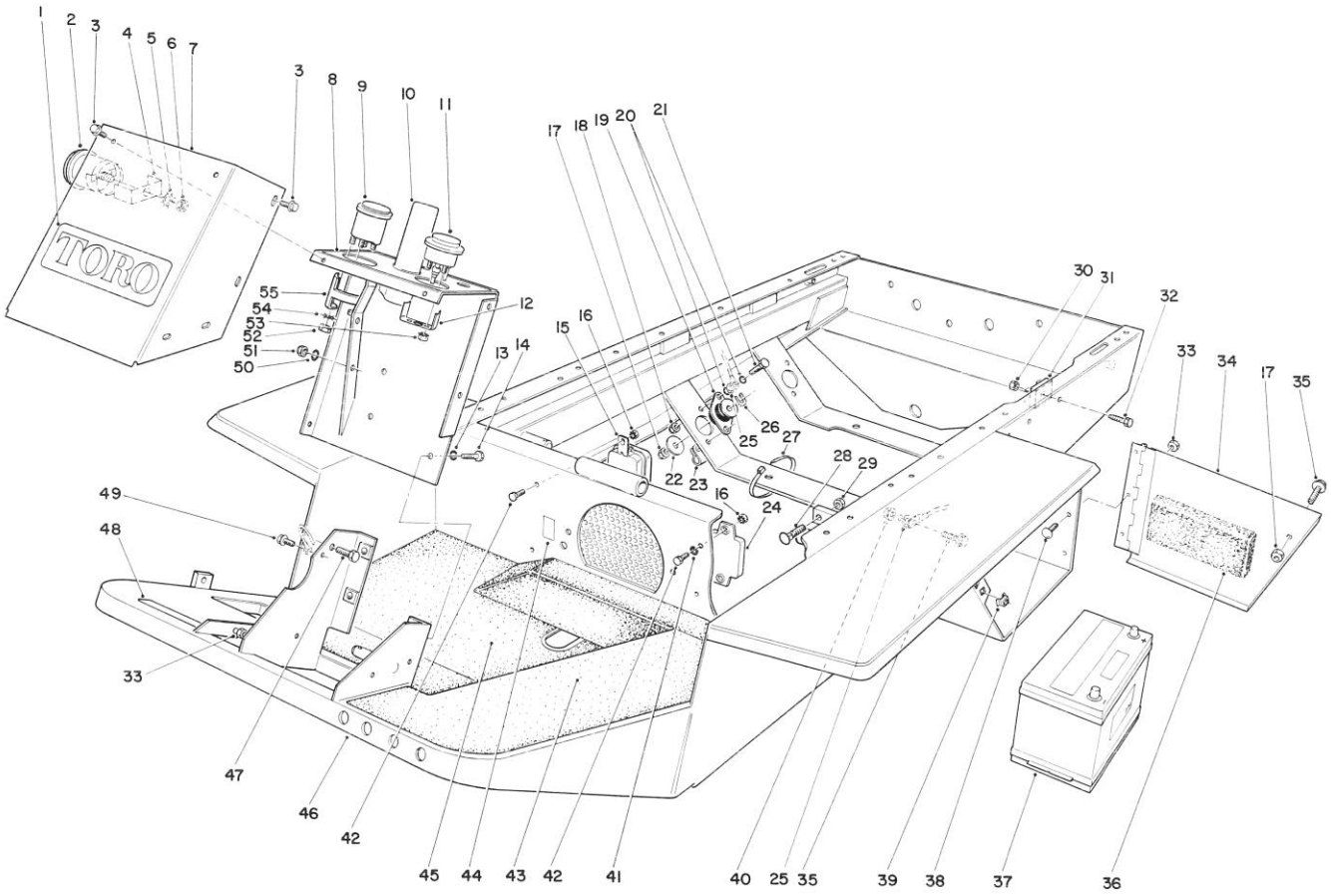
Ref. No.	Part No.	Description	No. Used
10	29-5600	Pivot Bracket Assembly (Incl. Ref. #9)	1
11	3253-7	Lockwasher	2
12	3218-5	Jam Nut	2
13	21-0140	Socket Assembly R.H. (Incl. Ref. #16)	1
14	3220-5	Jam Nut	1
15	3272-7	Cotter Pin	1
16	32136-4	Slotted Nut	1



SEAT MOUNT AND AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	61-8140	Cover — Seat Support	1
2	46-8560	Screw — Self Tapping Hex. Hd.	4
3	53-8260	Decal — Hydraulic Lift	1
4	43-4290	Decal — Starting Instructions	1
5	256-173	Bushing	2
6	38-4020	Seat Mounting (Incl. Ref. #6)	1
7	27-4720	Shaft — Seat Pivot	1
8	43-8480	Decal — Danger	1
9	28-3290	Decal — Caution	1
10	3296-16	Pop Rivet	4
11	27-7310	Decal — Refueling	1
12	60-8670	Draw Latch	2
13	52-1320	Decal — Diesel Fuel	1
14	53-8590	Hose — Air Cleaner Inlet	1
15	2412-42	Hose Clamp	2
16	27-7180	Cap Assembly	1
17	43-6430	Decal — Starting Fluid	1
18	27-7160	Decal — Instruction	1
19	27-7100	Air Cleaner Assembly (Incl. Ref. #17 & 23-27)	1
20	32107-11	Nut — Square	2
21	3258-19	Machine — Screw	2
22	27-7170	Band Assembly Mounting (Incl. Ref. #19 & 20)	2
23	322-3	Screw — Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
24	27-7110	Element Assembly	1
25	27-7120	Nut & Gasket Assembly	1
26	27-7140	Skirt — Baffle	1
27	27-7130	Clamp Assembly	1
28	27-7150	Cup Assembly	1
29	53-8940	Shield — Air Cleaner	1
30	3253-4	Washer — Lock	4
31	3217-6	Nut — Hex	4
32	323-5	Screw — Cap Hex. Hd.	4
33	37-9770	Seat Support	1
34	321-2	Screw — Cap Hex. Hd.	1
35	38-3170	Pin — Seat Switch	1
36	3253-21	Washer — Lock	4
37	3256-24	Washer — Plain	4
38	3217-5	Nut — Hex	1
39	3253-3	Washer — Lock Spring	1
40	29-6930	Switch Arm	1
41	3-6685	Spring	1
42	27-9870	Pin — Seat Switch	1
43	32121-6	Pin — Roll	1
44	32121-4	Pin — Roll	1
45	37-9590	Spring	1
46	32121-50	Pin — Roll	1
47	28-6180	Pin — Plastic	1



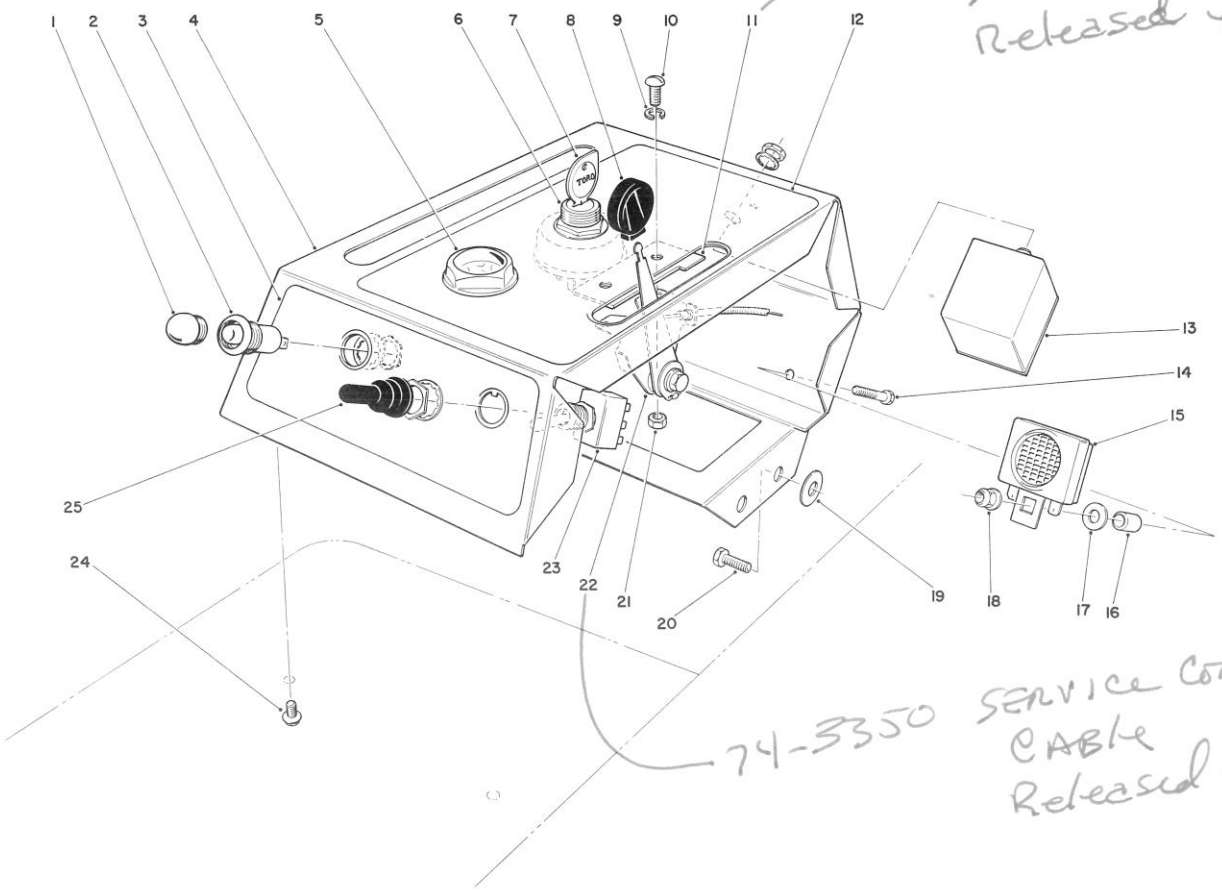
FRAME AND STEERING POST ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-5110	Decal — Toro	1
2	12-9990	Hour Meter (Incl. Ref. #4-6)	1
3	46-8560	Hex Hd. Self Tapping Screw	1
4	218-515	Bracket — Mounting	1
5	3254-1	External Tooth Lockwasher	1
6	3217-26	Locknut	1
7	60-9620	Cover — Steering Tower	1
8	53-9170	Decal — Instructions	1
9	38-1660	Ammeter (Incl. Ref. #49, 51, & 52)	1
10†	42-2580	Steering Post Bracket Ass'y	1
11	53-8770	Gauge/Switch-Temp. (Incl. Ref. #12 & 50)	1
12	218-539	Bracket — Mounting	1
13	3253-6	Lockwasher	3
14	324-6	Hex Hd. Capscrew	3
15	53-8110	Voltage Regulator	1
16	32149-2	Locknut	4
17	3296-39	Locknut	5
18	3296-29	Locknut	8
19	44-5240	Mount — Engine	4
20	3254-2	Lockwasher	2
21	322-5	Hex Hd. Capscrew	8
22	28-1140	Washer	4
23	2412-41	Clamp — R	2
24	43-1880	Control Unit Assembly	1
25	3290-224	Pyramidal Washer	2
26	42-6080	Shim — Axle	A/R
27	3290-379	Cable Tie	1

Ref. No.	Part No.	Description	No. Used
28	3231-29	Carriage Bolt	1
29	3218-3	Jam Nut	1
30	3296-2	Locknut	1
31	37-7600	Bridge Rectifier	1
32	32105-12	Hex Hd. Mach. Screw	1
33	3296-42	Locknut	5
34	44-8920	Cover — Battery	1
35	3234-11	Hex Flange Hd. Capscrew	2
36	44-9460	Foam — Battery Cover	1
*37		Battery Assembly	1
38	3274-31	Button Hd. Capscrew	3
39	3290-433	Retainer — Grip Nut	1
40	3290-357	Flange Locknut	1
41	3254-8	Lockwasher	2
42	321-4	Hex Hd. Capscrew	4
43	27-3250	Tunnel — Nonskid	1
44	53-4430	Decal — Oil	1
45	27-3260	Floor — Nonskid	1
46	53-8350	Frame Assembly	1
47	323-5	Hex Hd. Capscrew	1
48	27-7320	Decal — Traction Pedal	1
49	32104-60	Hex Hd. Self Tapping Screw	1
50	3253-21	Lockwasher	1
51	3217-7	Locknut	1
52	26-4370	Hex Nut	2
53	32149-8	Locknut	5
54	26-4380	Lockwasher	2
55	38-1670	Bracket — Mounting	1

*Obtain locally

†Includes Ball Bearing, Ref. Page 2, Item 15.



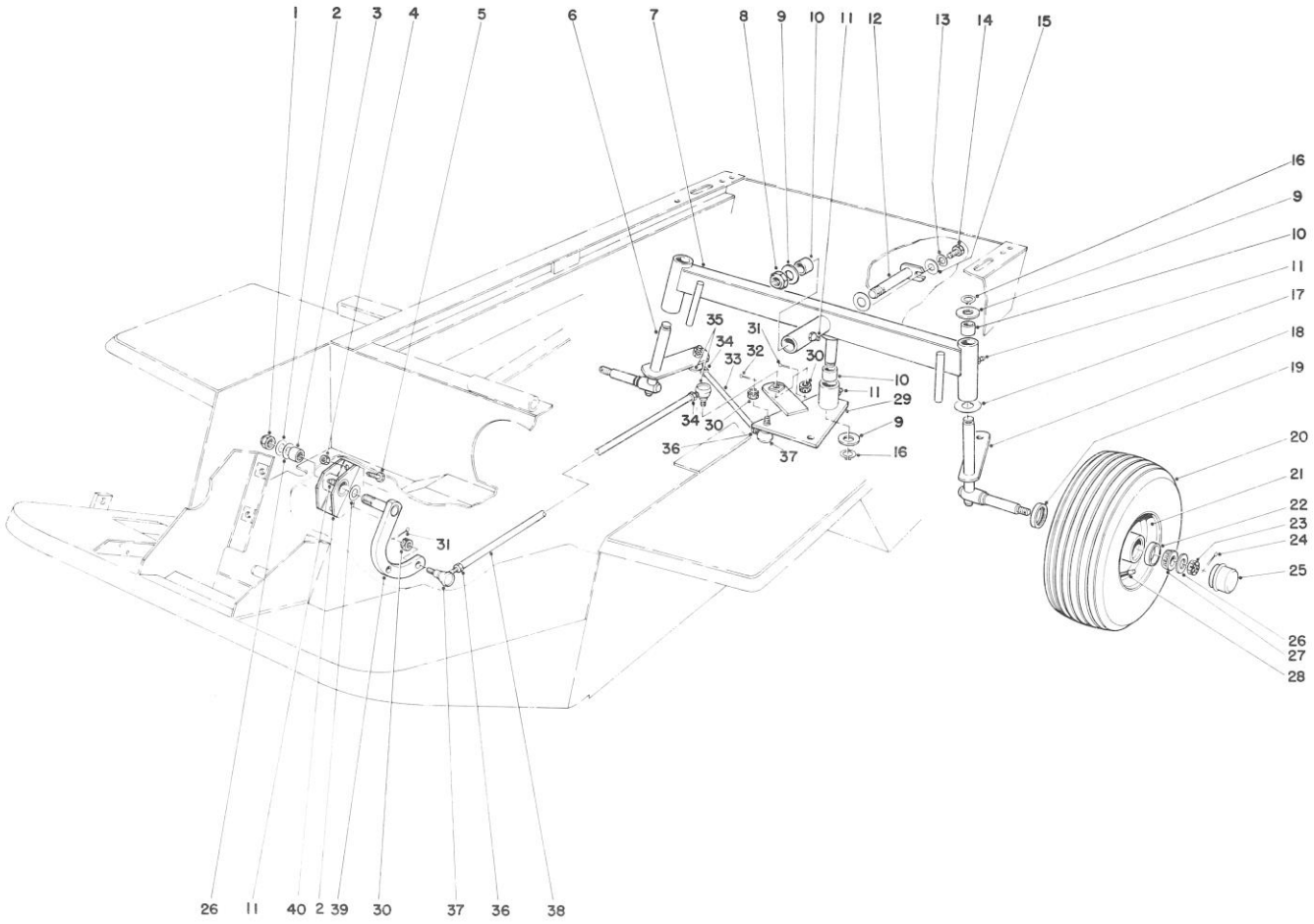
SERVICE THROTTLE STOP PLATE 74-3360 Released 4/89

74-3350 SERVICE CONTROL CABLE Released 4/89

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	218-533	Lens – Red	1
2	44-2210	Lamp – Warning (Incl. Ref. #1)	1
3	53-9160	Decal – Instrument Panel	1
4	53-8730	Instrument Panel Assembly	1
5	56-6390	Lamp – Glow, Quick Heat	1
6	27-2360	Switch – Ignition (Incl. Ref. #7)	1
7	218-412	Key – Ignition (Set of 2)	1
8	233-35	Knob – Throttle	1
9	3253-17	Washer – Lock	2
10	3251-3	Screw – Round Hd. Mach.	2
11	53-8570	Plate – Throttle Stop	1
12	53-9150	Decal – Instrument Panel	1
13	26-6740	Relay – Temp. Reset	1
14	3290-360	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
15	22-7820	Buzzer Assembly	1
16	25-2980	Spacer	1
17	3256-14	Washer – Flat	1
18	32128-17	Nut – Lock Flange	1
19	3256-22	Washer – Flat	1
20	321-4	Screw – Cap Hex. Hd.	1
21	3217-26	Nut – Hex	2
22	44-9250	Control – Throttle (Incl. Ref. #8)	1
23	6-1659	Switch Assembly (Incl. Ref. #25)	1
24	12-3270	Screw – Hex. Flange Hd. Tapping	2
25	218-473	Boot – Switch	1

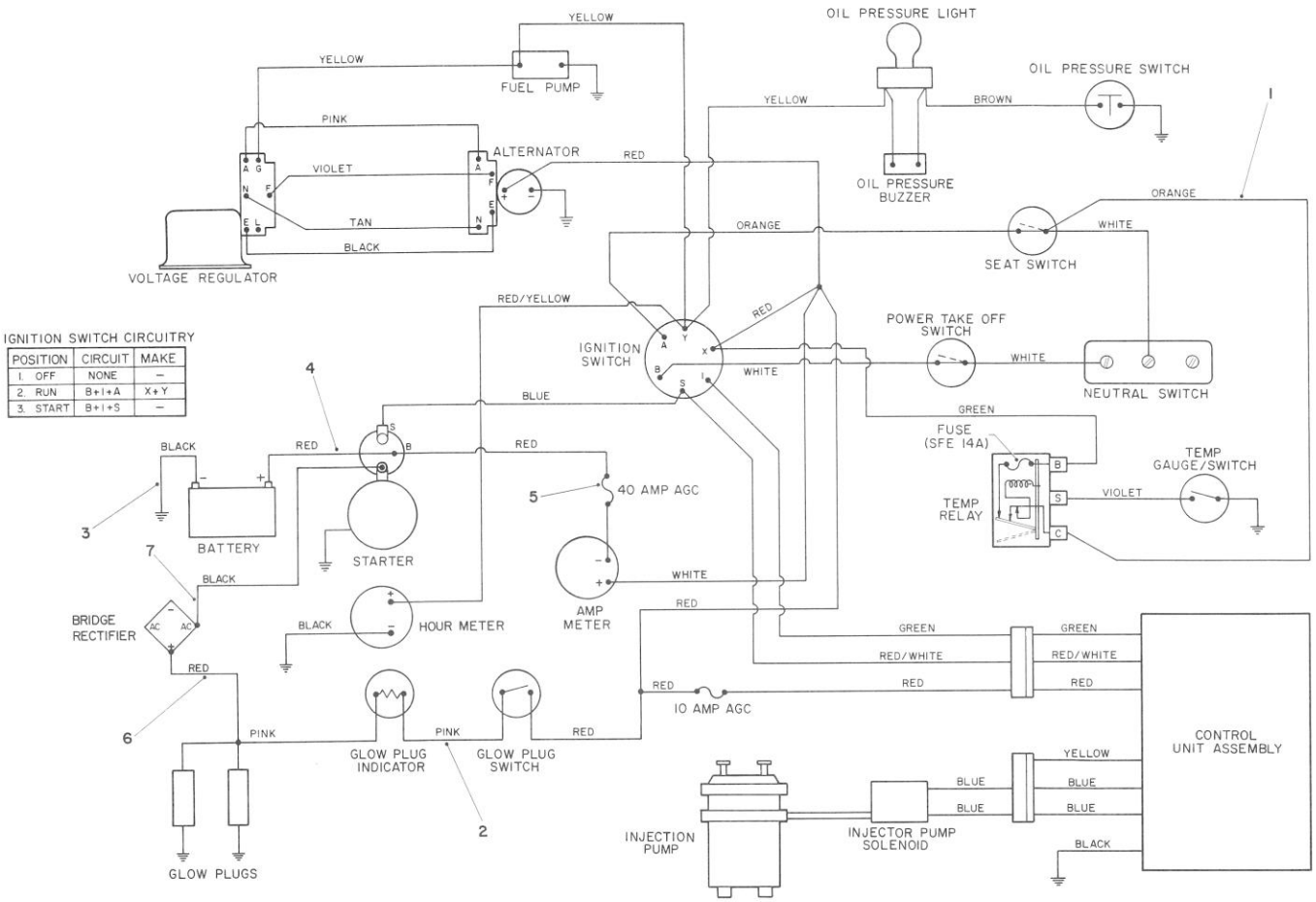


REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut – Lock	1
2	3-6514	Washer – Thrust	2
3	252-6	Bearing	2
4	3296-44	Locknut	2
5	323-5	Screw – Cap, Hex. Hd.	2
6	39-8900	Spindle R.H.	1
7	44-9090	Rear Axle (Incl. Ref. #10 & 11)	1
8	3296-49	Nut – Lock, Nylon Insert	1
9	10-8110	Washer	5
10	3-0348	Bushing	8
11	302-5	Grease Fitting	5
12	27-4060	Pin – Rear Axle	1
13	3253-3	Lockwasher	1
14	321-2	Capscrew	1
15	3256-22	Washer – Plain, Flat	1
16	32151-36	Ring – Retaining Ext.	3
17	256-121	Bushing	2
18	39-8850	Spindle L.H.	1
19	253-129	Oil Seal	2
20	231-104	Tire	2
*	232-39	Inner Tube (Optional)	2
21	217-108	Rim (Incl. Ref. #22)	2
22	254-72	Bearing Cup	4

Ref. No.	Part No.	Description	No. Used
23	32136-5	Nut – Hex, Castle	2
24	3272-13	Cotter Pin	2
25	241-119	Dust Cap	2
26	3256-28	Washer – Plain, Flat	3
27	254-94	Bearing Cone	4
28	232-35	Valve Stem w/Cap	2
29	44-9120	Steering Plate (Incl. Ref. #10 & 11)	1
30	32136-4	Slotted Nut	6
31	3272-7	Cotter Pin	2
32	3272-6	Cotter Pin	4
33	27-4090	Tie Rod – Steering	2
34	3220-12	Nut – Hex Jam	3
35	21-0150	Socket Assembly L.H. (Incl. Ref. #30)	3
36	3220-5	Nut – Hex Jam	3
37	21-0140	Socket Assembly R.H. (Incl. Ref. #30)	3
38	44-9110	Tube – Rear Steering	1
39	27-5230	Pivot Arm	1
40	27-3640	Pivot Mount (Incl. Ref. #3 & 11)	1

*Not Illustrated

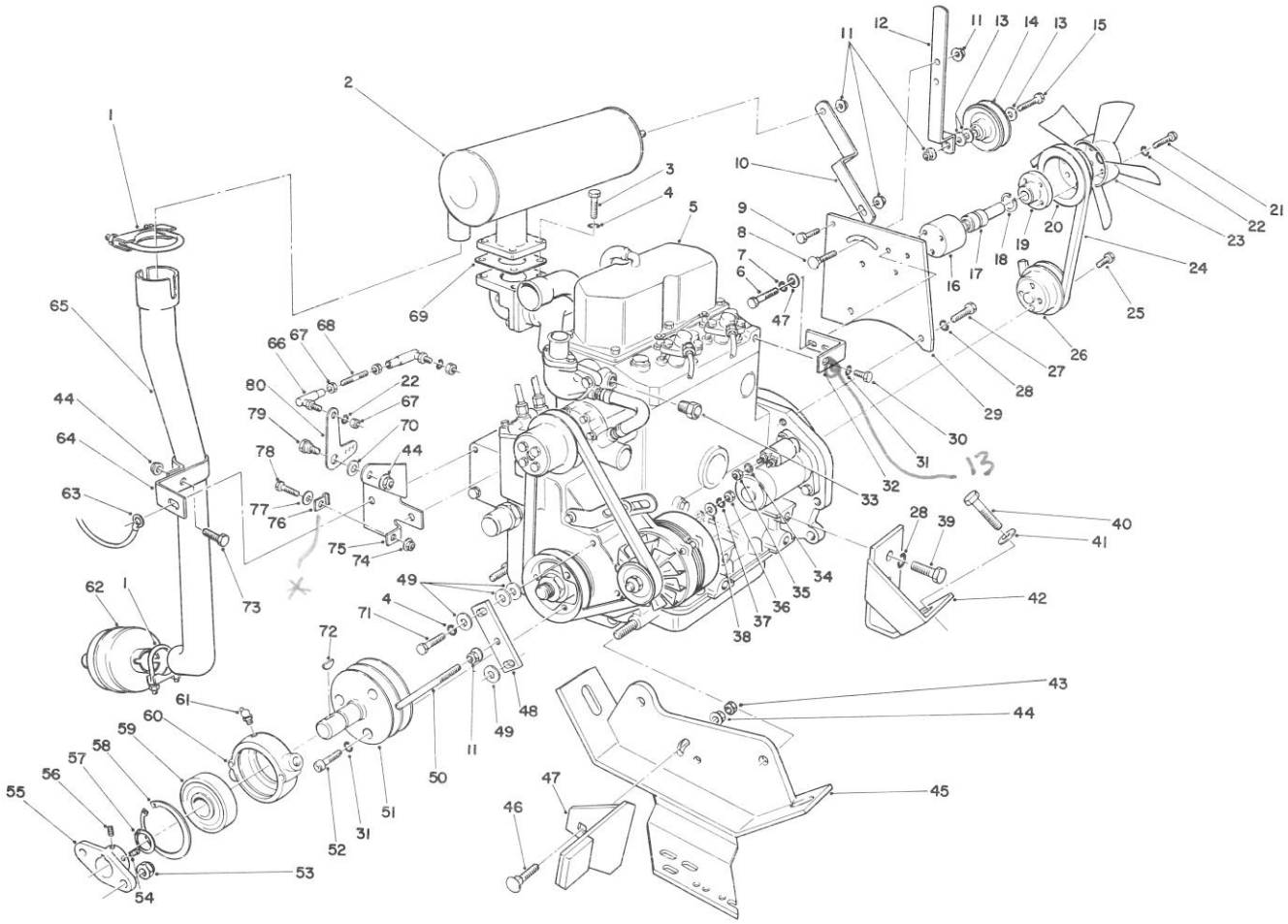


ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	53-8750	Wire Harness Assembly	1
2	43-4010	Wire Assembly	1
3	27-5090	Wire — Battery Ground	1
4	53-8760	Wire Assembly (Battery)	1

Ref. No.	Part No.	Description	No. Used
5	218-549	Fuse — 40 Amp AGC	1
6	62-4070	Wire Assy. — Glo Plug	1
7	62-4100	Wire Assy. — Starter	1
*	3290-378	Plastic Ty-On	2

*Not Illustrated



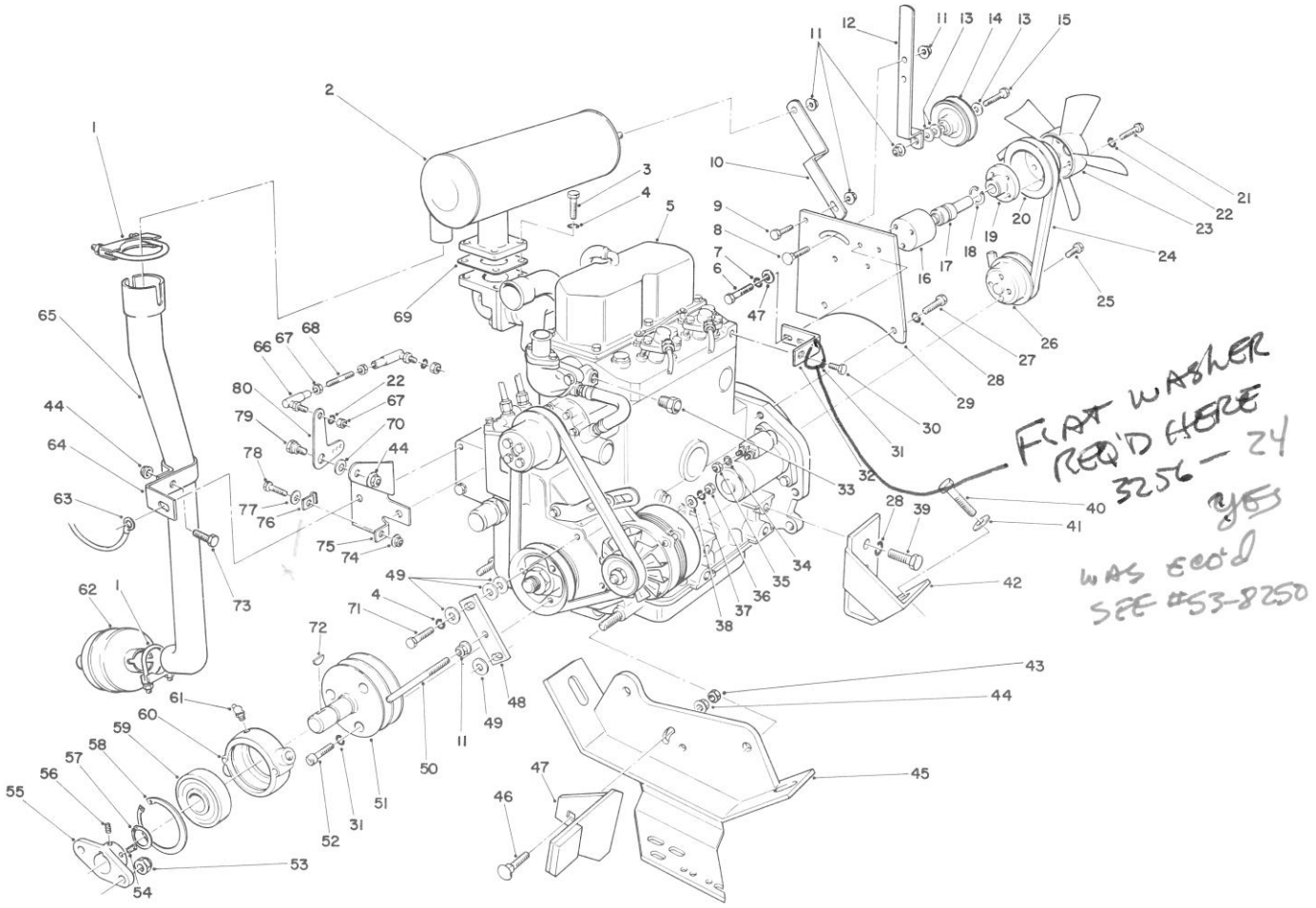
ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2112-11	Clamp — Muffler	2
2	53-8400	Muffler Assembly	1
3	43-0110	Screw — Cap Hex. Hd.	4
4	42-9850	Washer — Lock	6
5	53-8240	Engine	1
6	322-4	Screw — Cap Hex. Hd.	3
7	3253-4	Washer — Lock	3
8	3231-2	Bolt — Carriage	1
9	323-6	Screw — Cap Hex. Hd.	2
10	53-8550	Support — Muffler	1
11	3290-357	Nut — Flange Lock	6
12	53-8540	Bracket — Idler Pulley	1
13	3256-24	Washer — Flat	3
14	53-9180	Pulley — Idler	1
15	323-8	Screw — Cap Hex. Hd.	1
16	53-8530	Housing — Fan Drive	1
17	36-7290	Bearing	1
18	32120-10	Ring — Retaining	1
19	53-8680	Hub — Fan	1
20	42-9070	Pulley — Fan	1
21	321-2	Screw — Cap Hex. Hd.	4
22	3253-3	Washer — Lock	6
23	53-8120	Fan	1

Ref. No.	Part No.	Description	No. Used
24	53-8800	V-Belt	1
25	56-6260	Screw — Cap Hex. Hd.	4
26	53-8280	Pulley — Fan Drive	1
27	42-9250	Screw — Cap Hex. Hd.	2
28	43-5940	Washer — Lock	6
29	53-8450	Plate — Fan Mount	1
30	42-9300	Screw — Cap Hex. Hd.	1
31	42-9600	Washer — Lock	4
32	53-8460	Bracket — Fan Mount	1
33	43-1940	Adapter — Temp. Gauge	1
34	3254-2	Washer — Lock	1
35	42-9580	Nut — Hex	1
36	43-5970	Nut — Hex	1
37	43-5920	Washer — Lock	1
38	5-3637	Washer — Flat	1
39	54-8100	Screw — Cap Hex. Hd.	4
40	323-12	Screw — Cap Hex. Hd.	4
41	5-3638	Washer — Flat	4
42	53-8470	Mount — Engine (L.H.)	1
*	53-8500	Mount — Engine (R.H.)	1
43	3218-2	Nut — Jam	2
44	32128-20	Nut — Flange Lock	4
45	53-8420	Mount — Engine (Front)	1

*Not Illustrated

* PLUNGER WASHER 3290-224

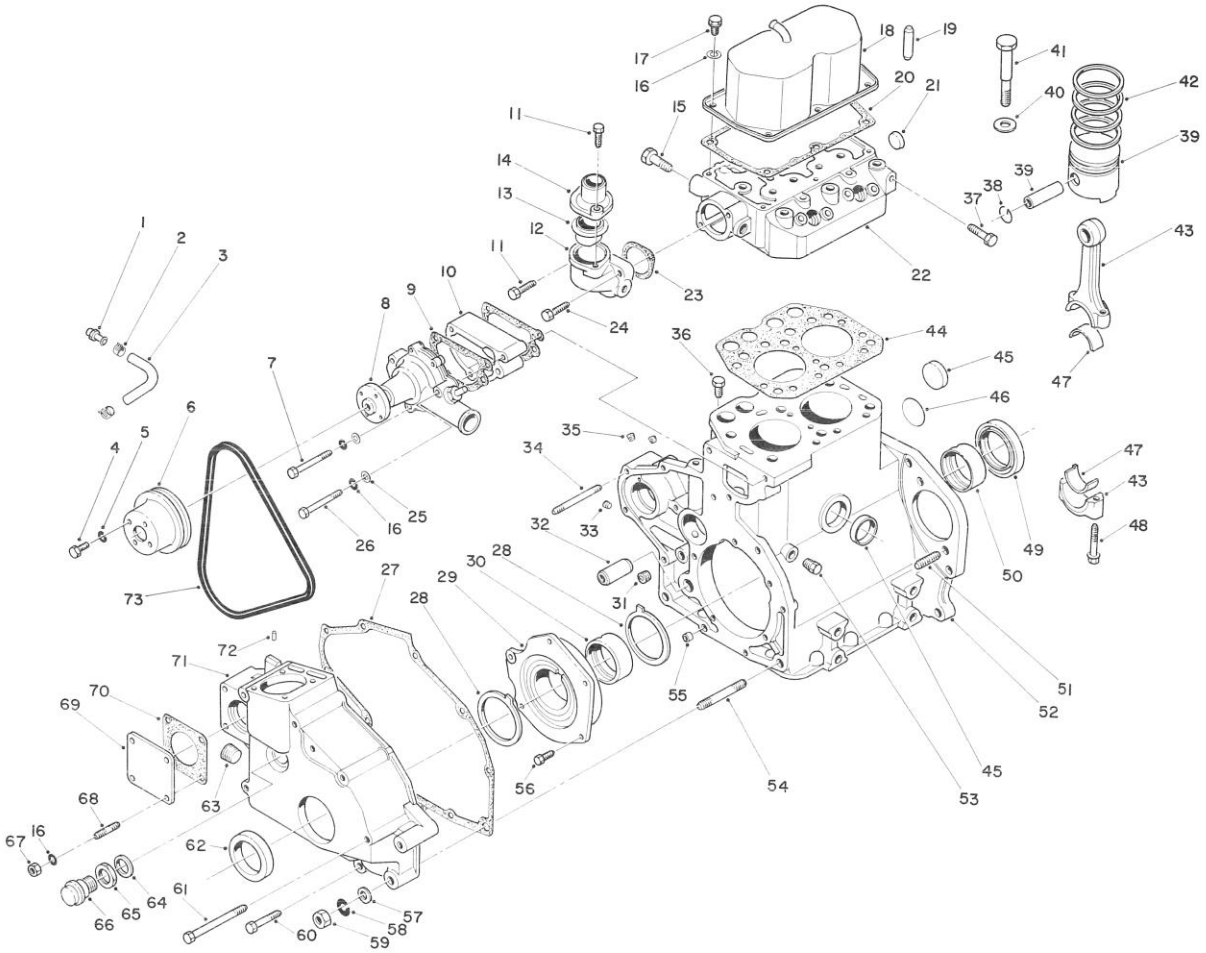


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	3230-2	Bolt — Carriage	2
47	54-7970	P.T.O. Brake Assembly	1
48	53-8840	Guide — P.T.O. Belt	1
49	3256-23	Washer — Flat	6
50	44-9230	Guide — P.T.O. Belt	1
51	53-8300	Pulley — Engine	1
52	54-8080	Screw — Cap Socket Hd.	3
53	32152-5	Nut — Lock	2
54	3241-2	Set Screw	1
55	27-1960	Hub — Engine	1
56	3245-1	Screw — Set	1
57	32120-69	Ring — Retaining	1
58	32120-22	Ring — Retaining	1
59	251-261	Bearing	1
60	43-3720	Collar — Bearing	1
61	302-10	Fitting — Grease	1
62	56-2180	Spark Arrester Assembly	1
63	52-1460	Wire Assy. (Engine Ground)	1

Ref. No.	Part No.	Description	No. Used
64	53-9010	Clamp — Exhaust Tube	1
65	53-8410	Tube — Exhaust	1
66	18-1720	Joint — Ball	2
67	3219-1	Nut — Hex	4
68	43-3770	Link — Throttle	1
69	42-9110	Gasket — Exhaust	1
70	23-1120	Washer — Flat	1
71	54-8090	Screw — Cap Hex. Hd.	2
72	3257-33	Key — Woodruff	1
73	322-5	Screw — Cap Hex. Hd.	1
74	32128-33	Nut — Flange Lock	1
75	53-8560	Plate — Throttle	1
76	2412-31	Clamp — Cable	1
77	3256-56	Washer — Flat	1
78	321-4	Screw — Cap Hex. Hd.	1
79	19-1470	Bolt — Shoulder	1
80	53-8580	Lever — Throttle	1
*	3290-378	Plastic Ty-On	2

*Not Illustrated

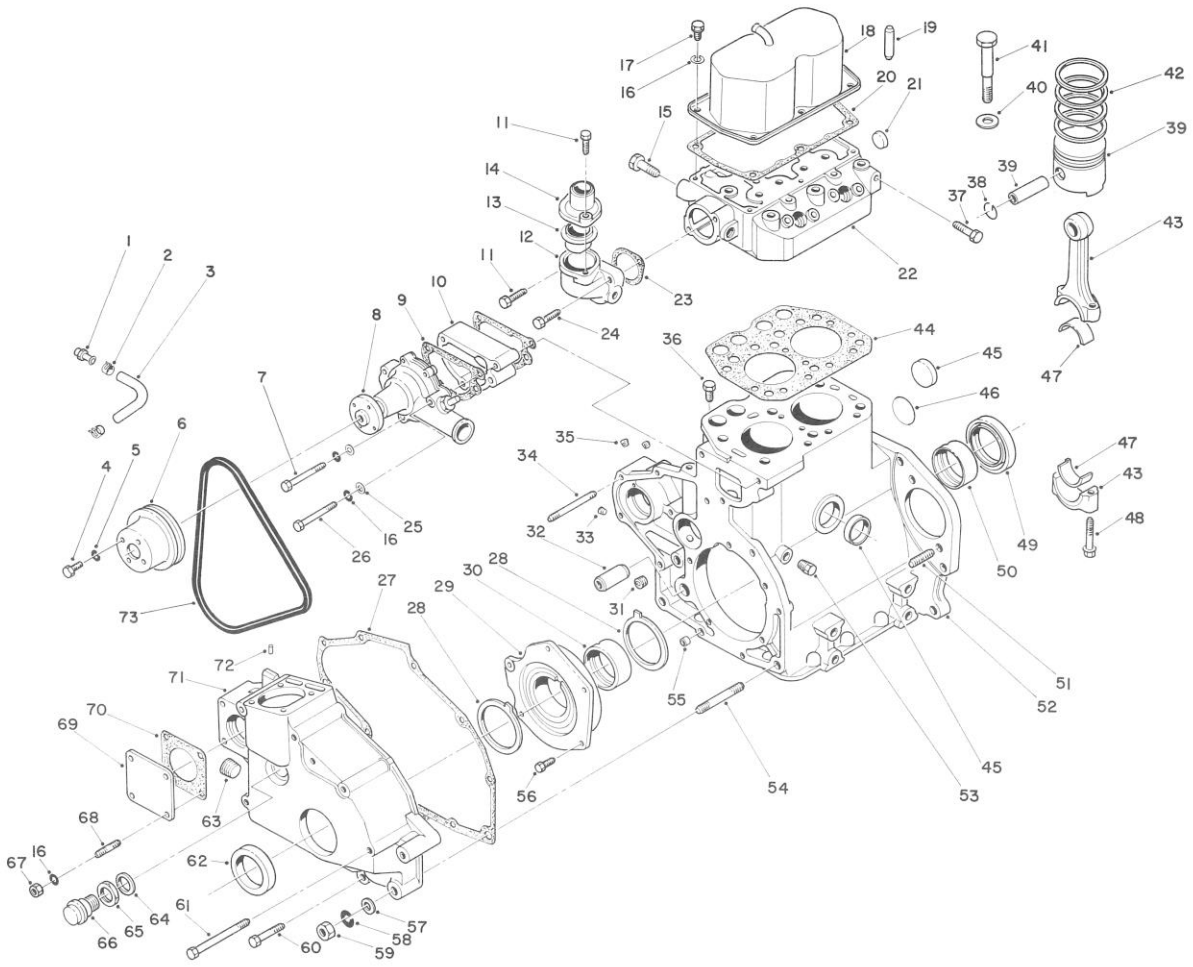


ENGINE

Ref. No.	Part No.	Description	No. Used
1	56-1380	Nipple, Hose	1
2	56-1400	Clip, Hose	1
3	56-1390	Hose Assy. (Incl. Ref. #3)	1
4	42-9490	Bolt (M6 x 1 x 12)	4
5	43-9530	Washer, Spring (M6)	4
6	42-9070	Pulley, Water Pump	1
7	56-2120	Bolt (M8 x 1.25 x 75)	2
8	56-1320	Pump Assembly, Water	1
9	56-1340	Gasket, Water Pump	2
10	56-1330	Fitting, Water Pump	1
11	56-2020	Bolt w/Washer (M8 x 1.25 x 28)	3
12	56-1370	Fitting, Thermostat	1
13	43-1780	Thermostat	1
14	56-1360	Fitting, Water Outlet	1
15	56-2140	Bolt (M10 x 1.25 x 35)	1
16	42-9850	Washer, Lock (M8)	13
17	42-9230	Bolt (M8 x 1.25 x 16)	6
18	56-0300	Cover Assembly, Rocker	1
19	56-0280	Guide, Valve	4
20	56-0310	Gasket, Rocket Cover	1
21	42-7080	Cap, Sealing (25)	1
22	56-0270	Cylinder Head Assembly (Incl. Ref. #19 & 21)	1
23	42-7550	Gasket	2
24	56-2100	Bolt (M8 x 1.25 x 35)	1

Ref. No.	Part No.	Description	No. Used
25	42-9780	Washer, Plain (M8)	3
26	56-2030	Bolt (M8 x 1.25 x 95)	1
27	56-0250	Gasket, Gear Case	1
28	56-0140	Gasket, Crankshaft Thrust	2
29	56-0120	Housing Assembly, Bearing (Incl. Ref. #30)	1
30	56-0030	Bearing, Crankshaft, Std.	1
*	55-4140	Bearing, .25mm Undersize	1
*	55-4150	Bearing, .50mm Undersize	1
*	55-4160	Bearing, .75mm Undersize	1
31	56-0050	Plug, Taper (PT 1/4)	1
32	56-0040	Shaft, Governor Gear	1
33	281-12	Plug, Taper (NPTF 1/16)	2
34	56-0070	Stud (4T: 8 x 75)	2
35	42-7410	Plug, Taper (PT 1/8)	2
36	56-0060	Connector	1
37	42-9300	Bolt (M10 x 1.25 x 20)	1
38	56-0340	Clip, Piston Ring	4
39	56-0320	Piston & Pin Assy., Std.	2
*	55-8530	Piston & Pin Assy. .25mm Oversize	1
*	55-8540	Piston & Pin Assy. .50mm Oversize	1
*	55-8550	Piston & Pin Assy. .75mm Oversize	1

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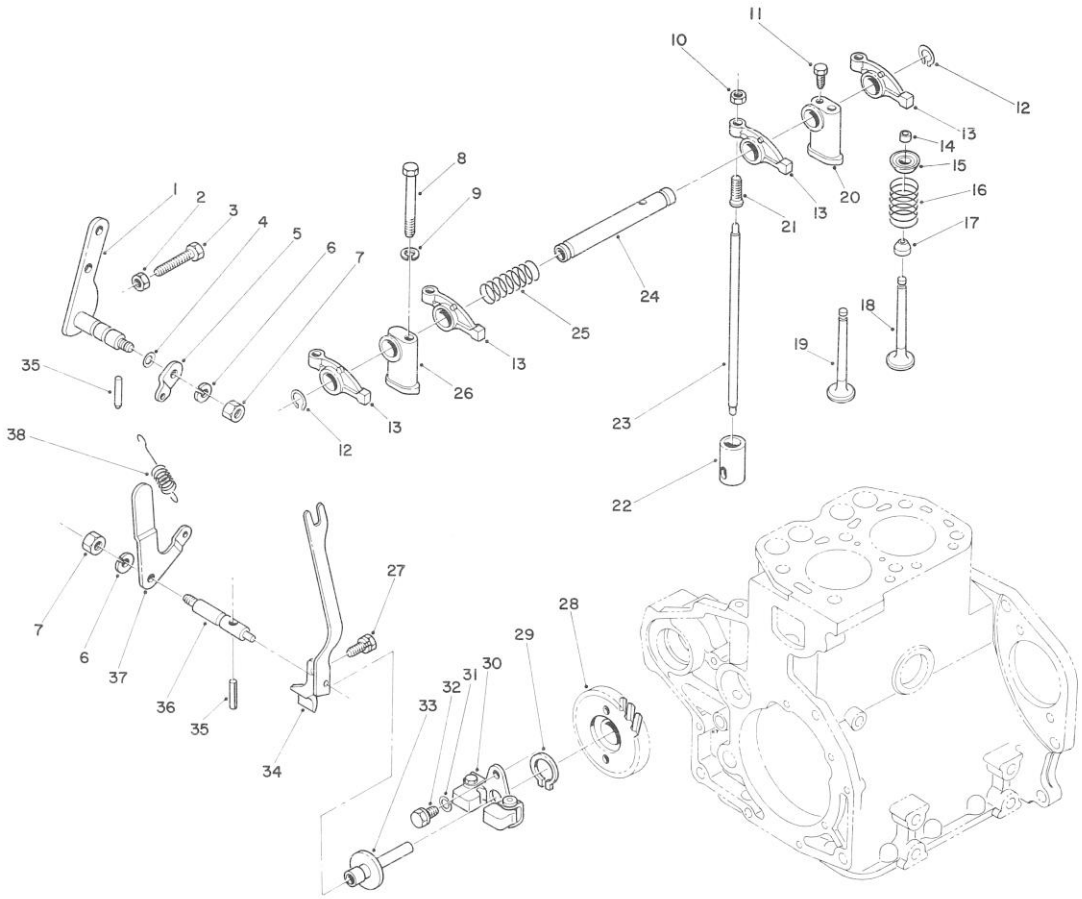


ENGINE (Continued)

Ref. No.	Part No.	Description	No. Used
40	56-2060	Washer (M14)	6
41	56-2050	Bolt (M14 x 1.5 x 97)	6
42	56-0330	Ring Set, Piston Std.	2
*	55-8560	Ring Set, .25mm Oversize	1
*	55-8570	Ring Set, .50mm Oversize	1
*	55-8580	Ring Set, .75mm Oversize	1
43	56-0350	Rod Assy., Connecting (Incl. Ref. #48)	2
44	56-0290	Gasket, Cylinder Head	1
45	56-0020	Plug, Expansion	2
46	42-7170	Plug, Expansion (40)	1
47	56-0370	Bearing Set, Std.	2
*	55-8590	Bearing Set, .25mm Undersize	1
*	55-8600	Bearing Set, .50mm Undersize	1
*	55-8610	Bearing Set, .75mm Undersize	1
48	56-0360	Bolt, Connecting Rod	4
49	56-0110	Oil Seal	1
50	56-0030	Bearing, Crankshaft, Std.	1
*	55-4140	Bearing, .25mm Undersize	1
*	55-4150	Bearing, .50mm Undersize	1
*	55-4160	Bearing, .75mm Undersize	1
51	56-0080	Stud (7T: 10 x 25)	2
52	56-0010	Block Sub Assy. Cylinder (Incl. Ref. #45 & 50)	1

Ref. No.	Part No.	Description	No. Used
53	56-0100	Plug, Drain	1
54	56-0090	Stud (7T: 12 x 65)	2
55	42-7180	Bushing, Knock (8 x 9)	2
56	43-0110	Bolt (M8 x 1.25 x 20)	5
57	56-2160	Washer, Plain (M12)	2
58	43-5940	Washer, Spring (M12)	2
59	56-2080	Nut (M12 x 1.25)	2
60	42-9500	Bolt (M8 x 1.25 x 45)	2
61	56-2130	Bolt (M8 x 1.25 x 100)	5
62	56-0240	Oil Seal	1
63	42-7400	Plug, Taper (PT 1/2)	1
64	43-2740	Gasket	1
65	43-2750	Nut (M30 x 1.5)	1
66	43-2730	Solenoid, Tubular	1
67	42-9580	Nut (M8 x 1.25)	4
68	56-0230	Stud (7T: 8 x 22)	2
69	56-0260	Cover, Oil Pump Shaft	1
70	42-7380	Gasket, Oil Pump Cover	1
71	56-0210	Case, Gear	1
72	56-0220	Pin, Dowel	2
73	56-1350	Belt, Alternator	1

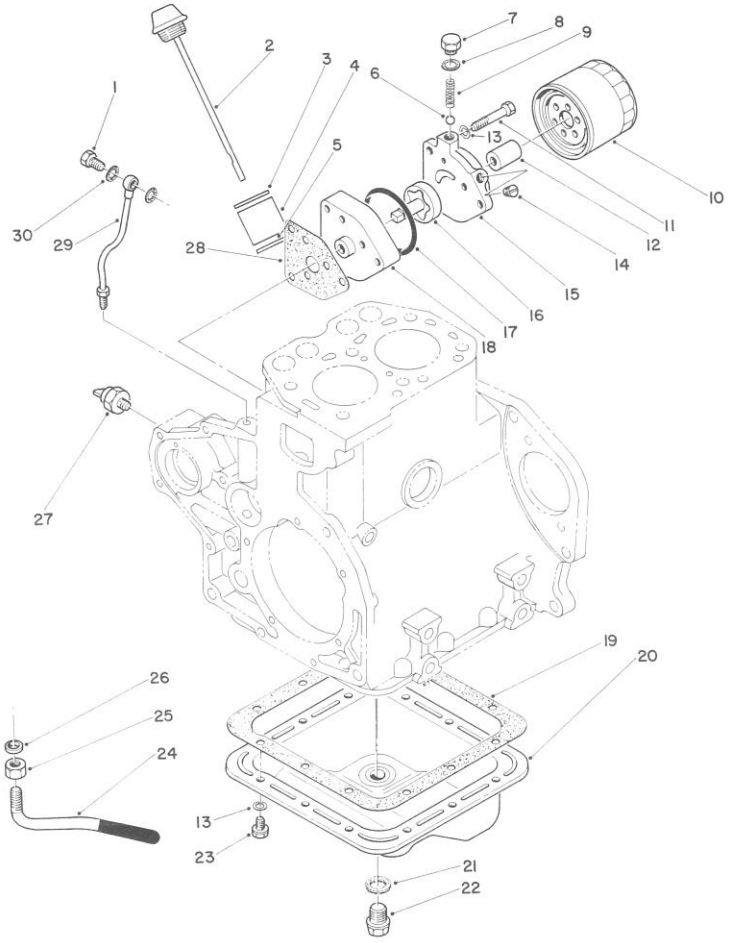
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ENGINE (Continued)

Ref. No.	Part No.	Description	No. Used
1	56-1120	Lever Assy., Speed Control	1
2	43-2830	Nut (M6 x 1)	1
3	42-9420	Bolt, High Speed Set	1
3	42-8700	Wire	1
3	42-8690	Metal, Sealing	1
4	42-8830	O-Ring	1
5	56-1130	Lever, Governor Spring	1
6	42-9850	Washer, Spring (M8)	2
7	42-9640	Nut, Jam (M8 x 1.25)	2
8	56-2150	Bolt (M10 x 1.25 x 80)	2
9	42-9600	Washer, Spring (M10)	2
10	42-9620	Nut, Jam (M10 x 1.25)	4
11	42-9230	Bolt (M8 x 1.25 x 16)	4
12	42-7990	Snap Ring (19)	2
13	56-0540	Arm, Rocker	4
14	56-0630	Lock, Valve Spring Retainer	8
15	56-0620	Retainer Valve Spring	4
16	56-0610	Spring, Valve	4
17	56-0580	Seal, Valve Stem	4
18	56-0600	Valve, Exhaust	2

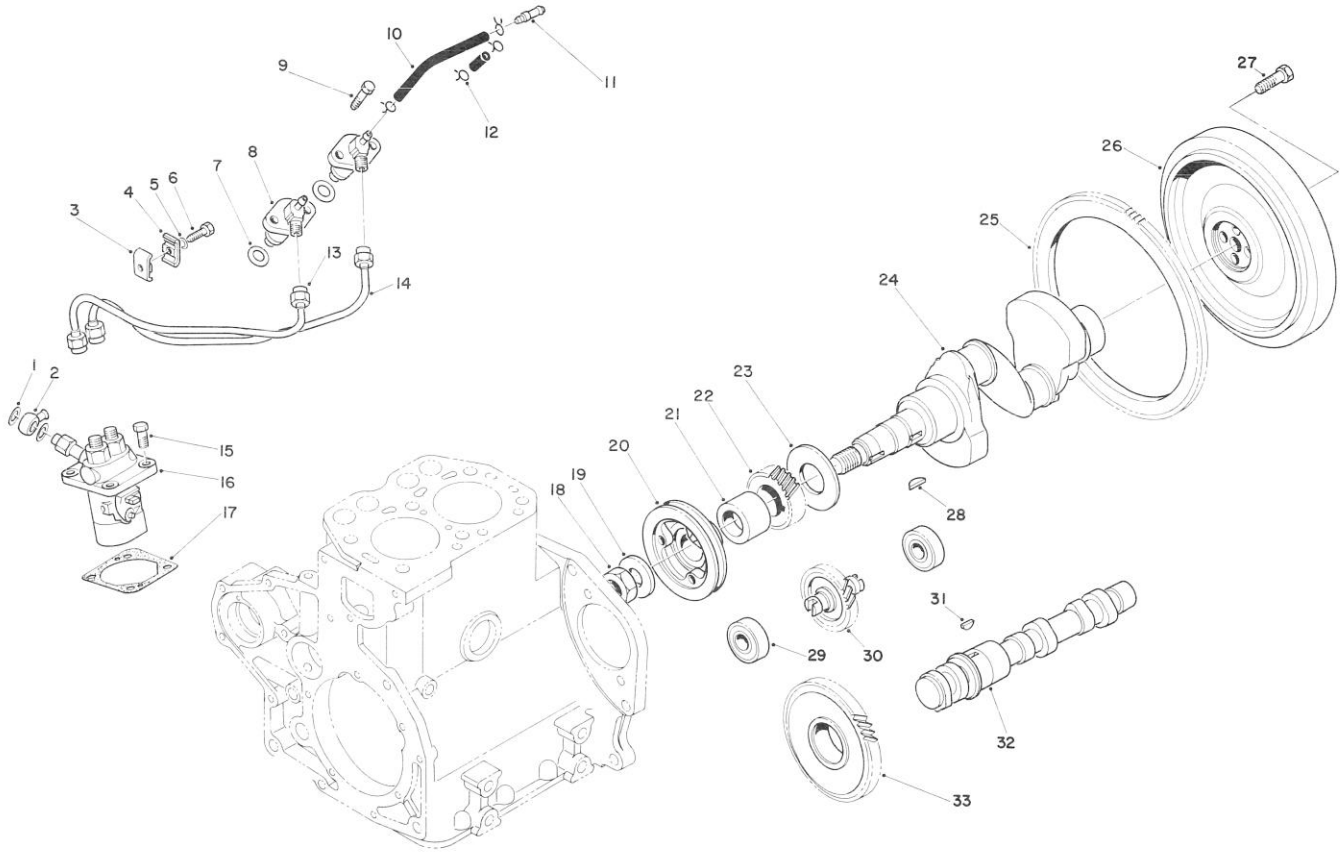
Ref. No.	Part No.	Description	No. Used
19	56-0590	Valve, Inlet	2
20	56-0560	Stay, Rocker	1
21	42-7980	Screw, Adjusting	4
22	56-0520	Tappet (23)	4
23	56-0530	Rod, Push	4
24	56-0550	Shaft Assy., Rocker	1
25	42-7930	Spring, Rocker Shaft L.H.	1
26	56-0570	Stay, Rocker	1
27	42-9440	Bolt (M6 x 1 x 14) w/Washer	1
28	56-1050	Gear, Governor	1
29	56-1060	Snap Ring	1
30	56-1070	Weight Assy., Governor	1
31	43-5930	Washer, Spring (M6)	2
32	42-9430	Bolt (M6 x 1 x 10)	2
33	56-1080	Shaft, Sliding	1
34	56-1100	Lever, Lock	1
35	42-8810	Pin, Grooved	2
36	56-1090	Shaft, Governor	1
37	56-1110	Lever, Governor Spring	1
38	56-1140	Spring, Governor	1



ENGINE (Continued)

Ref. No.	Part No.	Description	No. Used
1	56-1290	Bolt, Eye (8)	1
2	56-0170	Cap Assy., Oil Filler (Incl. Ref. #3)	1
3	56-0180	Gasket, Oil Filler Cap	1
4	56-0160	Adapter, Oil Filler	1
5	56-1480	Washer – Adapter	1
6	56-1190	Ball, Steel (5/16)	1
7	56-1210	Plug, Drain (10)	1
8	56-1220	Gasket (10)	1
9	56-1200	Spring, Oil Relief	1
10	42-9030	Filter Assy. Oil	1
11	56-2110	Bolt (M8 x 1.25 x 50)	3
12	56-1230	Shaft, Oil Filter	1
13	42-9850	Washer, Spring (M8)	15
14	56-1240	Plug, Taper	1
15	56-1180	Cover, Oil Pump	1
16	56-1170	Rotor Assy.	1

Ref. No.	Part No.	Description	No. Used
17	56-1250	O-Ring	1
18	56-1150	Body, Oil Pump	1
19	56-0200	Gasket, Oil Pan	1
20	56-0190	Pan Assy. Oil (Incl. Ref. #21 & 22)	1
21	42-7290	Gasket, Oil Drain Plug (18)	1
22	42-9260	Plug, Oil Drain	1
23	42-9230	Bolt (M8 x 1.25 x 16)	12
24	56-1260	Screen Assy., Oil (Incl. Ref. #25)	1
25	56-1270	Nut, Jam (M12 x 1.25)	1
26	42-9830	Washer, Seal (12)	1
27	56-1310	Switch Assy., Oil Pressure	1
28	56-1160	Gasket, Oil Pump Body	1
29	56-1280	Pipe Assy., Oil	1
30	56-1300	Gasket (8)	2

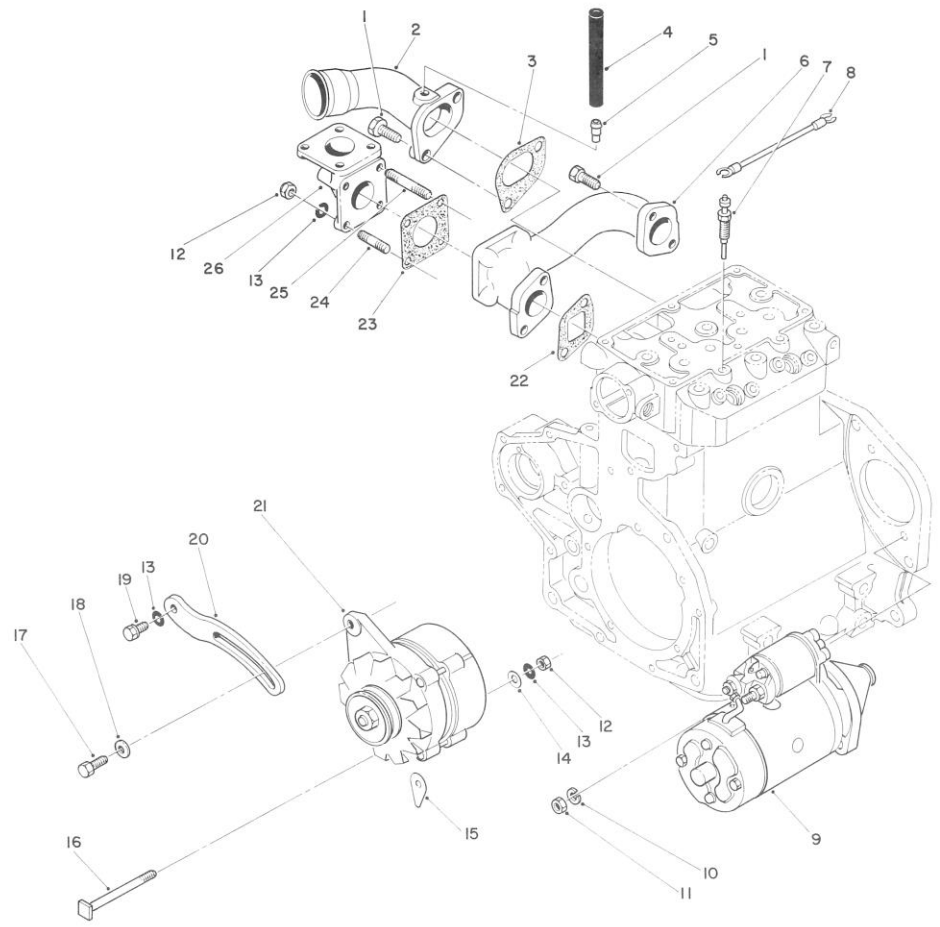


ENGINE (Continued)

Ref. No.	Part No.	Description	No. Used
1	42-9830	Washer, Seal	2
2	42-8100	Collar, Union	1
3	56-0760	Clamp (6) w/Rubber	1
4	56-0750	Clamp (7) w/Rubber	1
5	43-5930	Washer, Spring (M6)	1
6	43-2600	Bolt (M6 x 1 x 25)	1
7	42-8120	Gasket	2
8	44-8070	Nozzle & Holder Assy.	2
9	42-9500	Bolt (M8 x 1.25 x 45)	4
10	56-0770	Pipe Assy., Fuel Return (Incl. Ref. #11 & 12)	1
11	42-8190	Joint	1
12	2412-79	Clamp, Hose	4
13	56-0730	Pipe Assy., Fuel Injection 1	1
14	56-0740	Pipe Assy., Fuel Injection 2	1
15	43-0110	Bolt (M8 x 1.25 x 20)	4
16	56-0780	Pump Assy., Fuel Injection	1
17	56-0640	Shim .2T	A/R
*	56-0650	Shim .3T	A/R
*	56-0660	Shim .4T	A/R
*	56-0670	Shim .5T	A/R
*	56-0680	Shim .6T	A/R

Ref. No.	Part No.	Description	No. Used
*	56-0690	Shim .7T	A/R
*	56-0700	Shim .8T	A/R
*	56-0710	Shim .9T	A/R
*	56-0720	Shim 1.0T	A/R
18	56-2090	Nut (M24 x 1.5)	1
19	56-2070	Washer, Plain (M24)	1
20	56-0430	Pulley, Crankshaft	1
21	56-0420	Piece Distance	1
22	56-0410	Gear, Crankshaft	1
23	56-0390	Plate, Crankshaft	1
24	56-0380	Crankshaft	1
25	56-0460	Gear, Ring	1
26	56-0450	Flywheel	1
*	56-0440	Flywheel Assembly (Incl. Ref. #25 & 26)	1
27	56-6260	Bolt	4
28	56-0400	Key, Woodruff (5 x 22)	2
29	56-0510	Bearing, Ball	2
30	56-0500	Gear, Pressure Oil Pump	1
31	56-0480	Key, Woodruff (5 x 16)	1
32	56-0470	Camshaft	1
33	56-0490	Gear, Camshaft	1

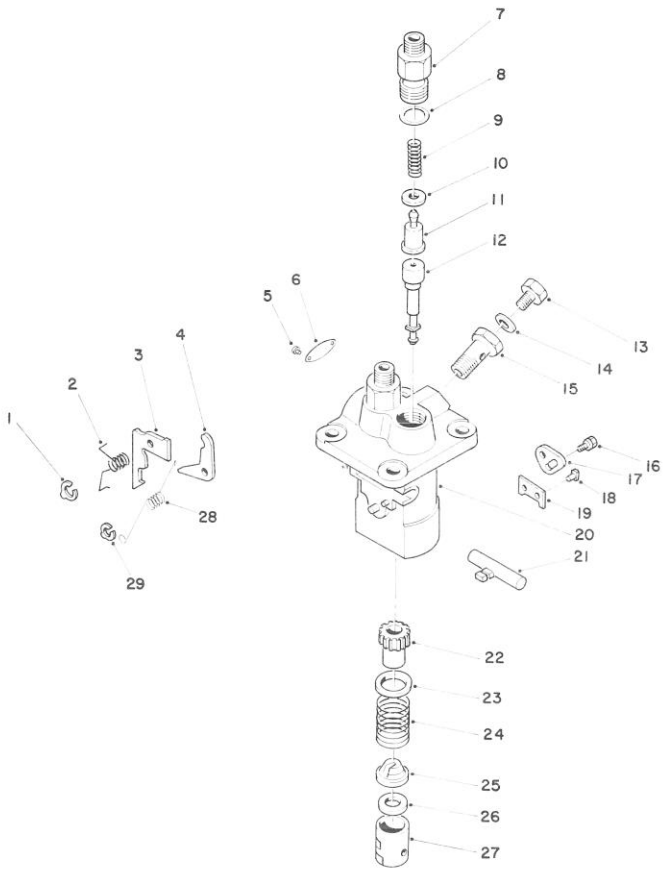
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ENGINE (Continued)

Ref. No.	Part No.	Description	No. Used
1	43-0090	Bolt (M10 x 1.25 x 25)	6
2	56-1410	Pipe, Inlet	1
3	56-1420	Gasket	1
4	56-1430	Pipe, Air Breather	1
5	42-7510	Pipe	1
6	56-1450	Manifold, Exhaust	1
7	56-6410	Plug, Glow, Quick Heat	2
8	42-9180	Wire, Glow Plug Lead	1
9	56-1500	Starter Assembly	1
10	42-9600	Washer, Spring (M10)	2
11	56-2170	Nut (M10 x 1.25)	2
12	42-9580	Nut (M8 x 1.25)	5
13	42-9850	Washer, Spring (M8)	6
14	42-9780	Washer, Plain (M8)	1

Ref. No.	Part No.	Description	No. Used
15	43-0370	Shim	A/R
16	56-2040	Bolt, Square Hd. (M8 x 1.25 x 97)	1
17	54-8650	Bolt, Flange (M8 x 1.25 x 22)	1
18	54-8660	Washer, Plain (M8)	1
19	43-0110	Bolt (M8 x 1.25 x 20)	1
20	56-1490	Brace, Alternator	1
21	56-1740	Alternator Assy. (12V-35A)	1
22	56-1440	Gasket, Exhaust	2
23	42-9110	Gasket	1
24	56-1460	Stud (4T: 8 x 25)	2
25	55-4690	Stud (7T: 8 x 50)	2
26	56-1470	Elbow, Exhaust	1

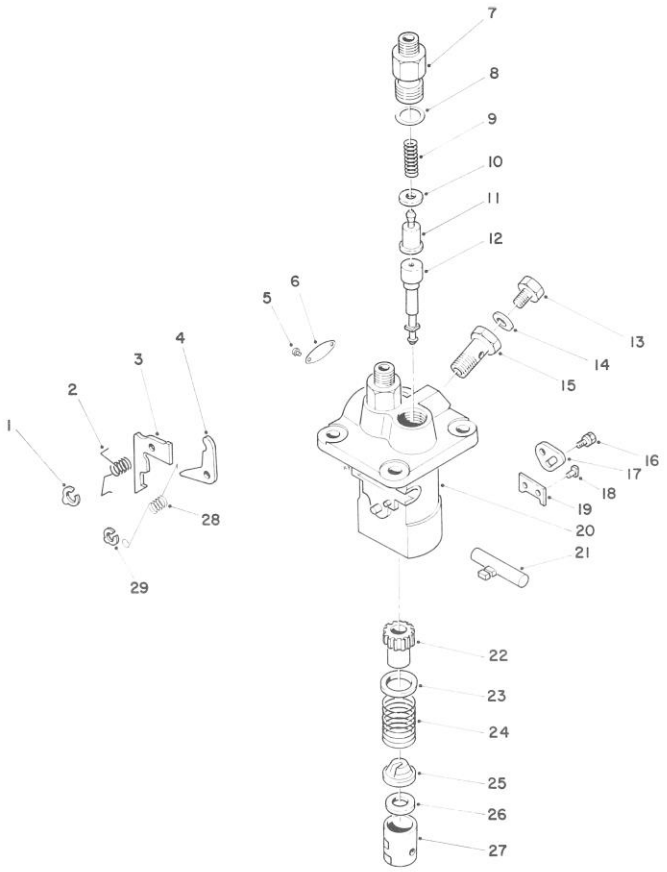


FUEL INJECTION PUMP NO. 56-0780

Ref. No.	Part No.	Description	No. Used
1	55-4680	E-Ring	1
2	56-0880	Spring, Smoke Set	1
3	56-0900	Plate, Smoke Set (No. 52)	A/R
*	56-0990	Plate, Smoke Set (No. 53)	A/R
*	56-0910	Plate, Smoke Set (No. 54)	A/R
*	56-1000	Plate, Smoke Set (No. 55)	A/R
*	56-0920	Plate, Smoke Set (No. 56)	A/R
*	56-1010	Plate, Smoke Set (No. 57)	A/R
*	56-0930	Plate, Smoke Set (No. 58)	A/R
*	43-3000	Plate, Smoke Set (No. 59)	A/R
*	56-0940	Plate, Smoke Set (No. 60)	A/R
*	43-3010	Plate, Smoke Set (No. 61)	A/R
*	56-0950	Plate, Smoke Set (No. 62)	A/R
*	43-3020	Plate, Smoke Set (No. 63)	A/R
*	56-0960	Plate, Smoke Set (No. 64)	A/R
*	43-3030	Plate, Smoke Set (No. 65)	A/R
*	56-0970	Plate, Smoke Set (No. 66)	A/R
4	43-2910	Plate, Angleich Set (No. 1)	A/R
*	43-2920	Plate, Angleich Set (No. 2)	A/R
*	43-2930	Plate, Angleich Set (No. 3)	A/R
*	43-2940	Plate, Angleich Set (No. 4)	A/R

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Ref. No.	Part No.	Description	No. Used
*	43-2950	Plate, Angleich Set (No. 5)	A/R
5	42-8600	Rivet	2
6	56-0790	Plate, Name	1
7	56-0800	Holder, Delivery Valve	2
8	42-8330	O-Ring	2
9	56-0820	Spring, Delivery Valve	2
10	42-8240	Gasket, Delivery Valve	2
11	42-8250	Valve Sub Assembly	2
12	56-0830	Element Sub Assembly	2
13	42-8370	Screw, Air Breather	1
14	42-9770	Washer	1
15	55-4670	Screw, Hollow	1
16	43-3150	Bolt w/Washer	1
17	42-8360	Plate Assembly	1
18	42-8340	Pin, Tappet Guide	2
19	56-0860	Plate	1
20	56-0810	Housing Sub Assembly	1
21	56-0870	Rack, Control	1
22	42-8270	Sleeve, Plunger Control	2
23	42-8280	Seat, Spring Upper	2
24	42-8290	Spring, Pump Plunger	2

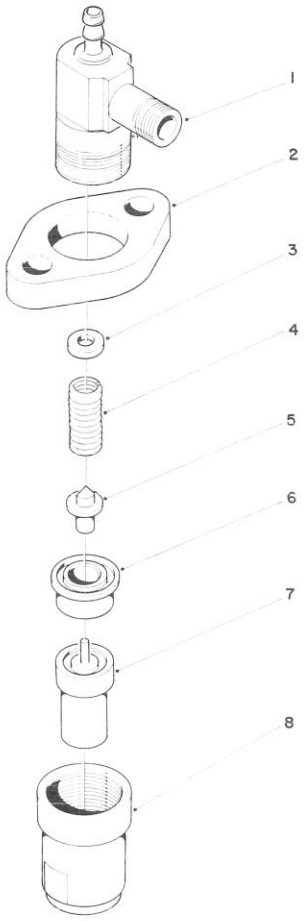


FUEL INJECTION PUMP NO. 56-0780 (Continued)

Ref. No.	Part No.	Description	No. Used
25	42-8320	Seat, Spring Lower	2
26	42-8390	Plate, .6T	A/R
*	42-8400	Plate, .2T	A/R
*	42-8410	Plate, .3T	A/R
*	42-8420	Plate, .4T	A/R
*	42-8430	Plate, .5T	A/R

Ref. No.	Part No.	Description	No. Used
*	42-8440	Plate, .25T	A/R
*	42-8450	Plate, .35T	A/R
*	43-6240	Plate, .45T	A/R
27	42-8300	Tappet Sub Assembly	2
28	56-0890	Spring, Angleich Set	1
29	43-3100	E-Ring	1

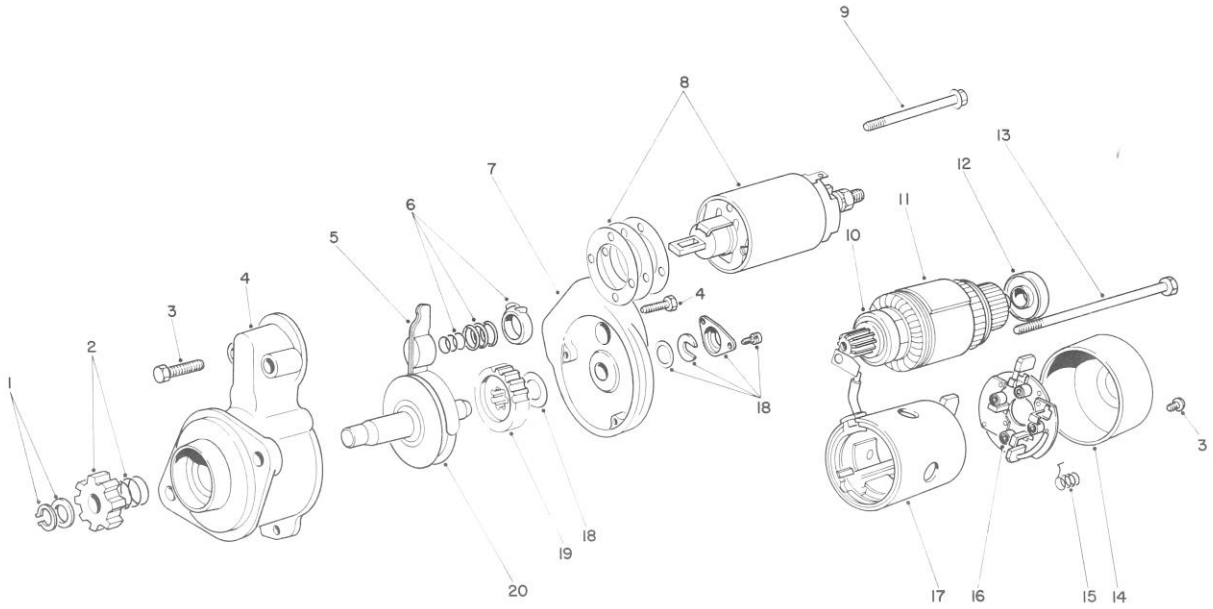
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NOZZLE AND HOLDER ASSEMBLY NO. 44-8070

Ref. No.	Part No.	Description	No. Used
1	44-8080	Body	2
2	42-8670	Flange	2
3	42-9680	Washer, 1.3T	A/R
*	42-9690	Washer, 1.35T	A/R
*	42-9700	Washer, 1.4T	A/R
*	42-9710	Washer, .9T	A/R
*	42-9720	Washer, 1.0T	A/R
*	42-9730	Washer, 1.1T	A/R
*	42-9740	Washer, 1.2T	A/R
*	42-9750	Washer, .1T	A/R
4	42-8630	Spring, Pressure	2
5	42-8620	Pin, Pressure	2
6	42-8660	Piece , Distance	2
7	42-8680	Nozzle Assembly	2
8	42-8650	Nut, Retaining	2

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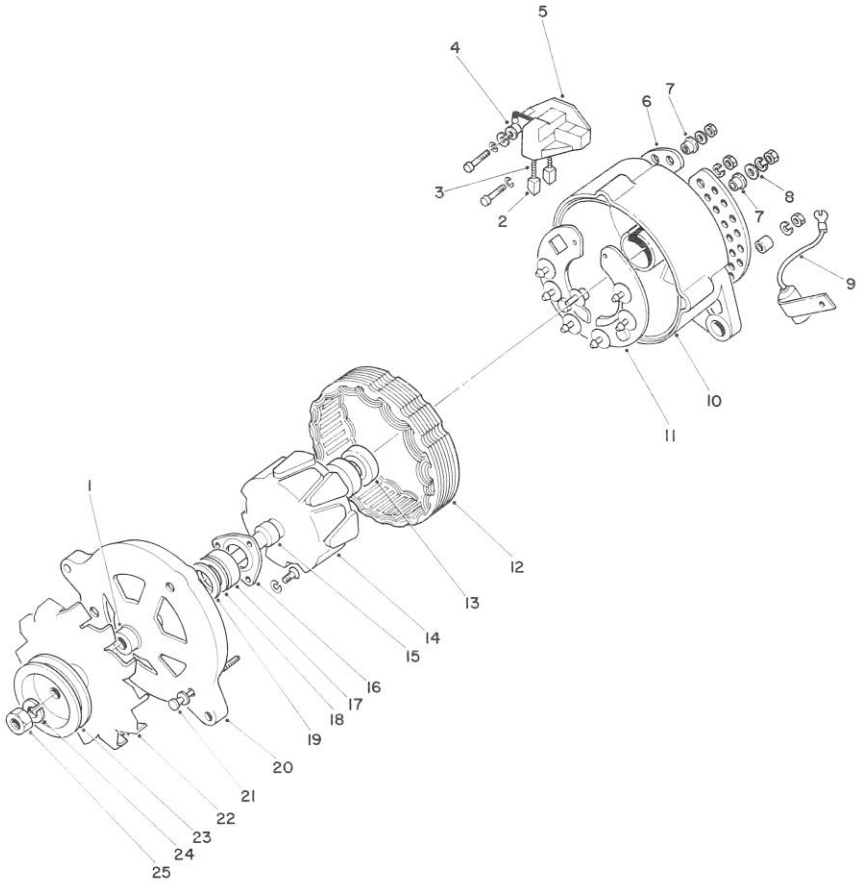


STARTER ASSEMBLY NO. 56-1500

Ref. No.	Part No.	Description	No. Used
1	56-1640	Stopper Set	1
2	56-1630	Pinion Set (Incl. Ref. #1)	1
3	56-1510	Screw Set	1
4	56-1520	Bracket Assy., Front	1
5	56-1530	Lever Assembly	1
6	56-1540	Spring Set	1
7	56-1550	Bracket Assembly, Center	1
8	56-1560	Switch Assembly	1
9	56-1570	Bolt (M5 x 73)	1
10	56-1590	Bearing, Front	1
11	56-1580	Armature Set (Incl. Ref. #10 & 12)	1
12	56-1600	Bearing, Rear	1

Ref. No.	Part No.	Description	No. Used
13	56-1610	Bolt (5 x 149)	2
14	56-1720	Bracket, Rear	1
15	56-1710	Spring, Brush	4
16	56-1700	Holder Assembly (Incl. Ref. #15)	1
17	56-1690	Yoke Assembly	1
18	56-1680	Cover Set	1
19	56-1670	Gear	1
20	56-1660	Shaft Assembly	1
*	56-1650	Gear Set (Incl. Ref. #19 & 20)	1
*	56-1620	Shaft Assembly, Clutch Set (Incl. Ref. #2, 18 & 19-20)	1
*	56-1730	Service Kit (Incl. Ref. #10 & 12)	1

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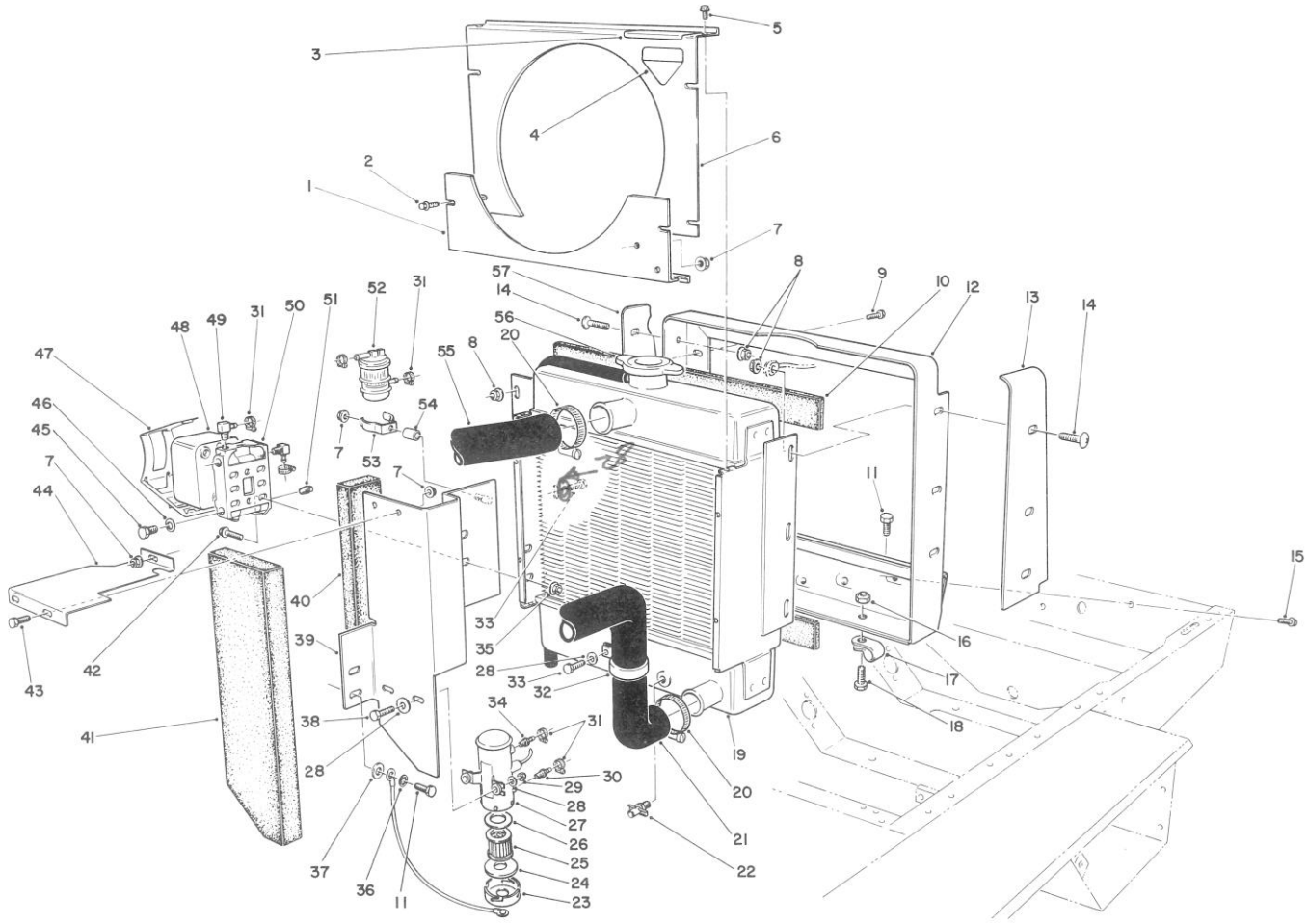


ALTERNATOR ASSEMBLY NO. 56-1740

Ref. No.	Part No.	Description	No. Used
1	56-1840	Collar, Spacer	1
2	56-1980	Brush Sub Assembly	2
3	56-1970	Spring, Compression	2
4	56-2010	Insulation Bushing	1
5	56-1940	Holder, Brush	1
6	56-1990	Cover Rear	1
7	56-1950	Insulation Bushing	2
8	56-1920	Washer, Insulation	1
9	56-2000	Condenser	1
10	56-1930	Frame	1
11	56-1910	Fin Complete	1
12	56-1890	Stator Complete	1
13	56-1880	Bearing, Ball (Rear)	1
14	56-1870	Rotor Complete	1
15	56-1860	Collar, Spacer	1

Ref. No.	Part No.	Description	No. Used
16	56-1830	Plate, Retainer	1
17	56-1820	Bearing, Ball (Front)	1
18	56-1810	Cover, Felt	1
19	56-1800	Felt, Oil	1
20	56-1790	Frame Complete (Incl. Ref. #16-19)	1
21	56-1850	Bolt	3
22	56-1780	Fan	1
23	56-1770	Pulley	1
24	56-1760	Washer, Spring	1
25	56-1750	Nut, Pulley	1
*	56-1900	Frame Complete (Incl. Ref. #2-11)	1
*	56-1960	Holder Assembly (Incl. Ref. #2-5)	1

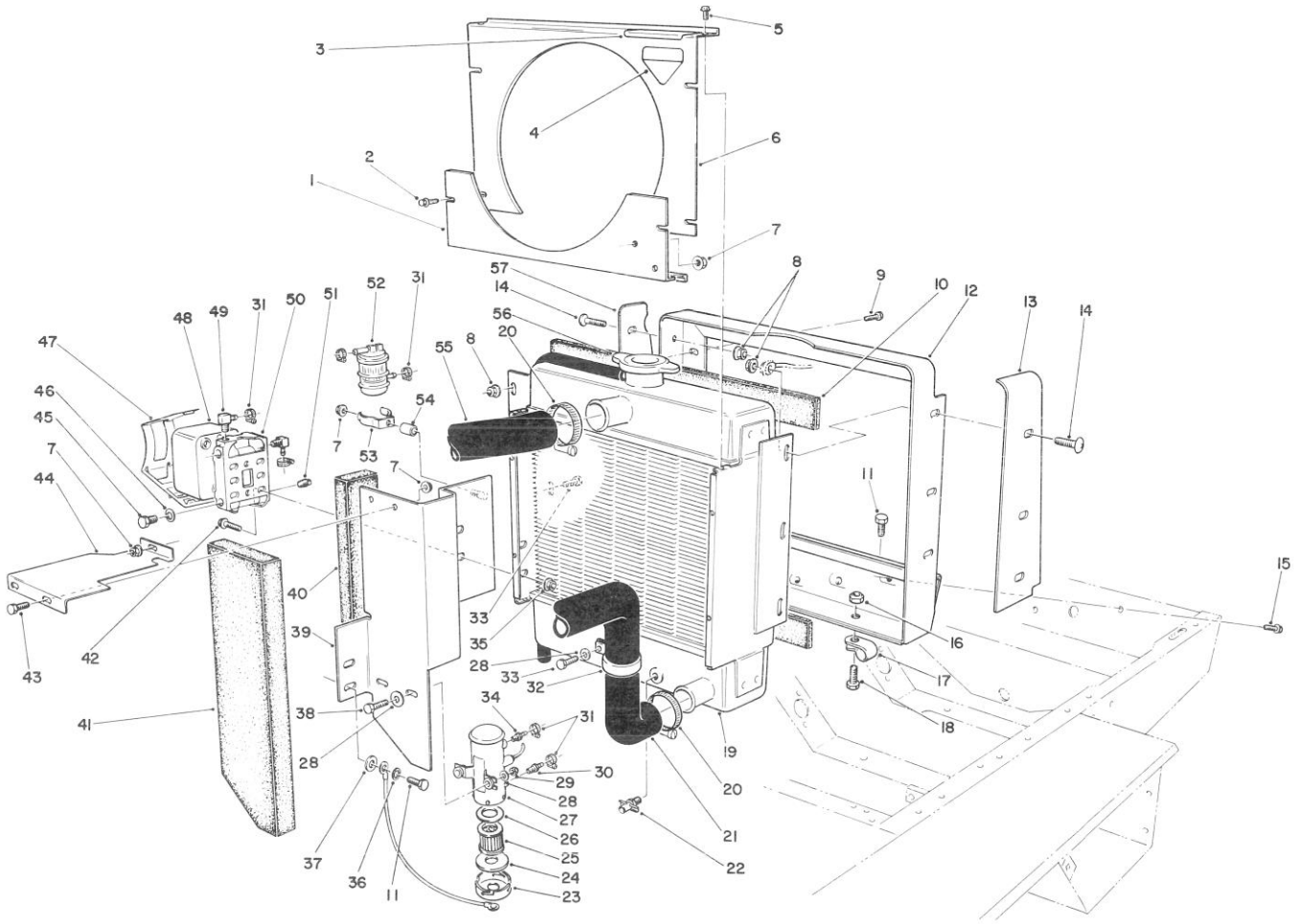
*Not Illustrated



RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	60-9710	Radiator Shroud — Lower	1
2	12-3270	Self Tapping Screw	6
3	54-7990	Decal — Engine Coolant	1
4	43-8480	Decal — Danger	1
5	11-9760	Hex. Hd. Thread Forming Screw	2
6	60-8650	Radiator Shroud — Upper	1
7	32128-33	Flange Locknut	5
8	32128-20	Flange Locknut	9
9	322-3	Hex. Hd. Capscrew	3
10	53-8970	Foam — Radiator	2
11	32144-11	Hex. Hd. Self Tapping Screw	5
12	53-8980	Support — Radiator	1
13	53-8960	Plate — Seal L.H.	1
14	3274-32	Button Hd. Capscrew	6
15	3234-1	Hex. Flange Screw	3
16	3296-39	Locknut	2
17	2412-39	R-Clamp	2
18	323-3	Hex. Hd. Capscrew	2
19	53-8320	Radiator Assembly	1
20	2412-3	Clamp — Hose	4
21	53-8600	Hose — Radiator Lower	1
22	304-46	Cock — Drain	1
23	43-2580	Magnet	1

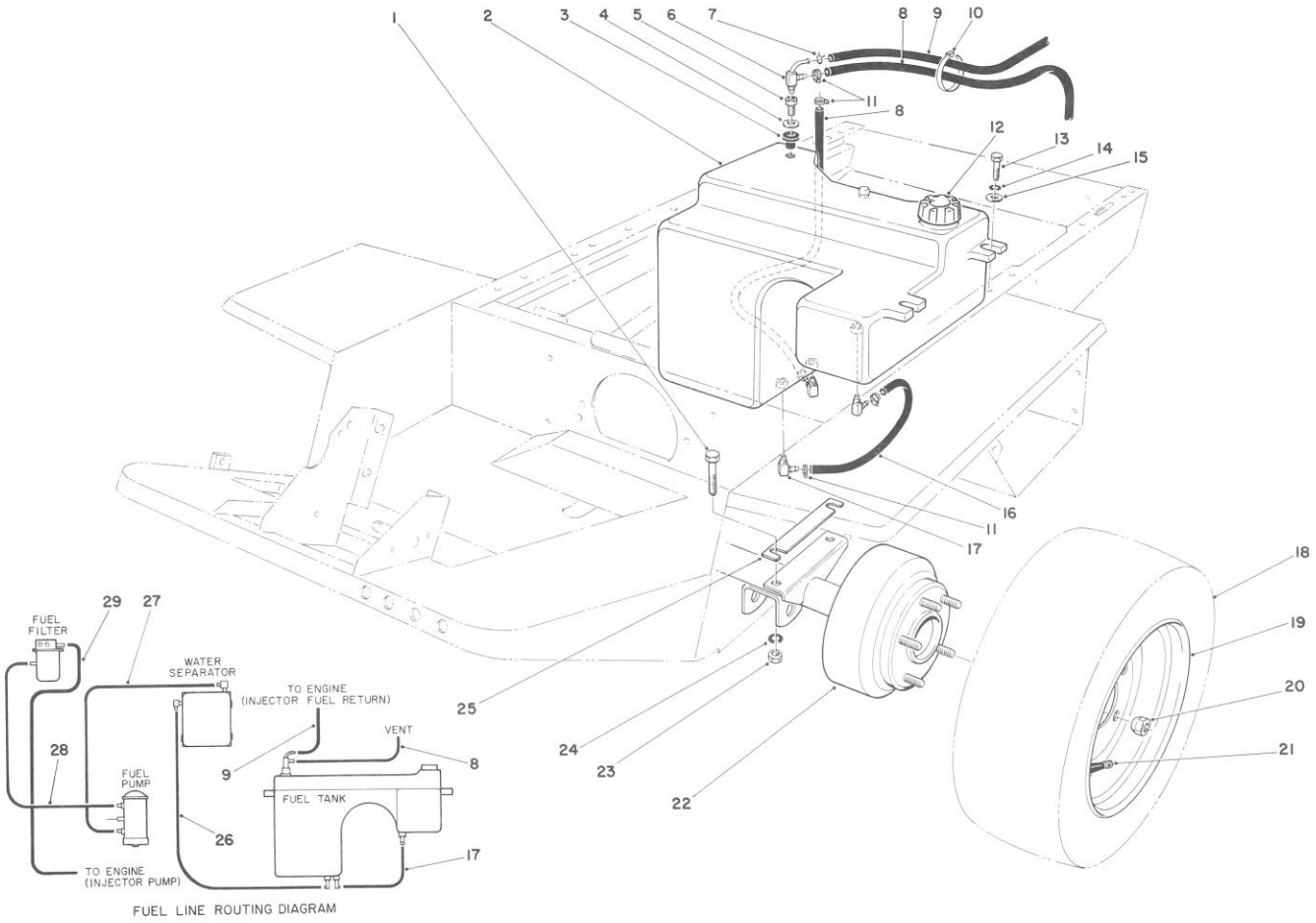
Ref. No.	Part No.	Description	No. Used
24	43-2560	Gasket	1
25	43-2550	Filter — Fuel Pump	1
26	43-2570	Gasket	1
27	53-8150	Fuel Pump Assembly (Incl. Ref. #23-26)	1
28	3256-22	Flat Washer	5
29	3296-42	Locknut	2
30	353-702	Fitting — Straight	1
31	2412-36	Clamp — Hose	6
32	2412-96	R-Clamp	1
33	321-4	Hex. Hd. Capscrew	2
34	304-73	Fitting — Straight	1
35	3290-357	Flange Locknut	2
36	3254-2	Lockwasher	2
37	3256-23	Flat Washer	2
38	321-7	Hex. Hd. Capscrew	2
39	53-8630	Plate — Mount (Water Separator)	1
40	53-9060	Foam — Water Separator	1
41	53-9110	Foam — Water Separator	1
42	3234-11	Hex. Flange Hd. Capscrew	2
43	321-3	Hex. Hd. Capscrew	2
44	53-8650	Plate —Top (Water Separator)	1



RADIATOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	43-5450	Plug — Drain/Vent	1
46	43-5460	Washer — Drain/Vent Plug	1
47	43-5420	Clamp — Water Separator	1
48	43-5470	Element — Water Separator	1
49	353-536	Fitting — 90° Elbow	2
50	43-5430	Base — Water Separator	1
51	43-5440	Plug — Pipe	2

Ref. No.	Part No.	Description	No. Used
52	43-1820	Filter — Fuel	1
53	43-1840	Clamp — Fuel Filter	1
54	22-7810	Spacer	1
55	53-8610	Hose — Radiator Upper	1
56	18-2660	Cap — Radiator	1
57	53-8950	Plate — Seal R.H.	1



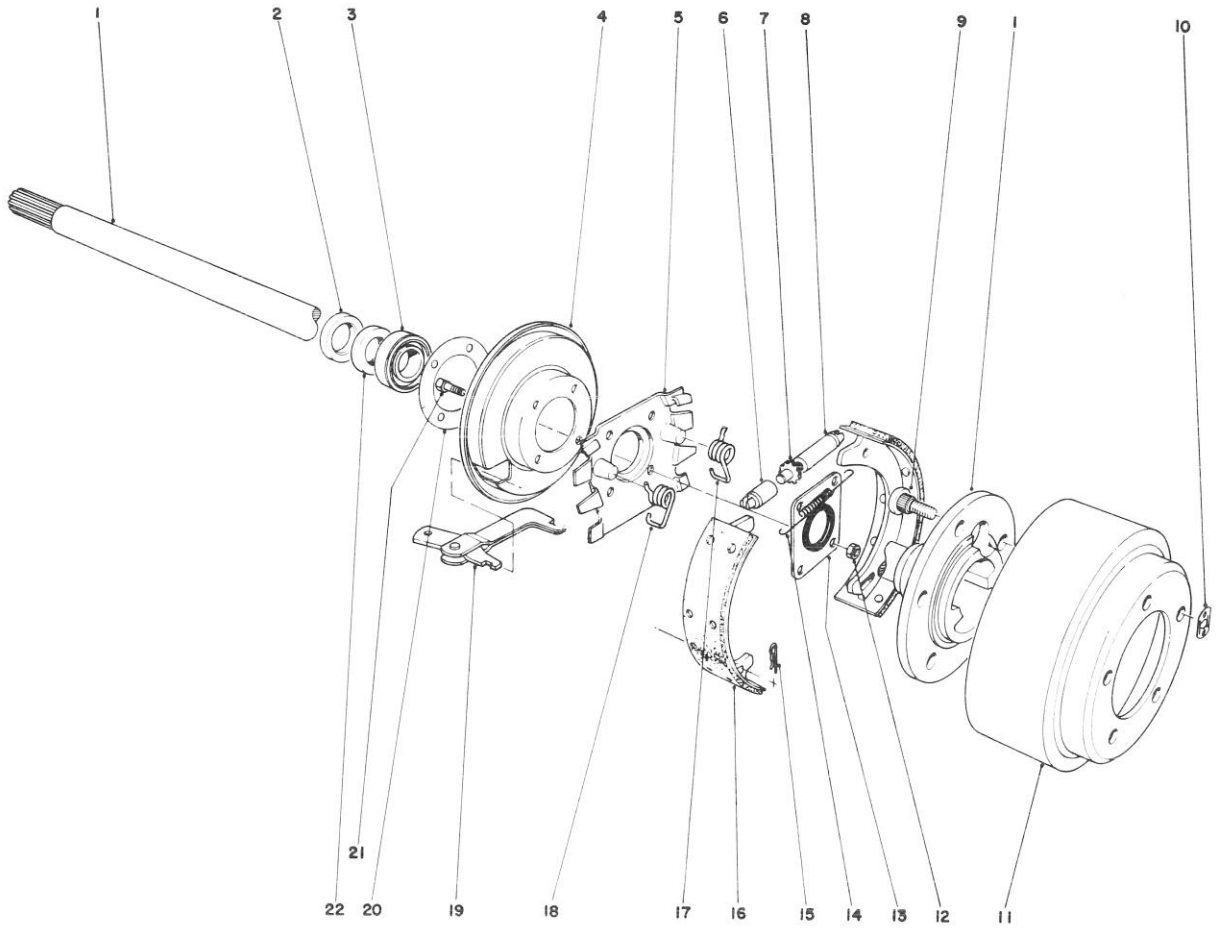
FUEL LINE ROUTING DIAGRAM

FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	324-9	Screw – Cap, Hex Hd.	4
2	53-8330	Fuel Tank (Incl. Ref. #3-6 & 17)	1
3	52-1890	Wellnut	1
4	52-2860	Washer – Flat	1
5	52-1880	Adaptor – Fitting	1
6	43-4160	Fitting – Vent	1
7	2412-79	Clamp – Hose	2
8	55-4130	Hose – Fuel	1
9	53-8690	Hose – Fuel	1
10	3290-378	Plastic Ty-On	A/R
11	2412-36	Clamp – Screw	6
12	55-3572	Fuel Cap	1
13	323-19	Screw — Cap, Hex Hd.	3
14	3253-21	Lockwasher	3
15	3256-41	Washer — Plain	3

Ref. No.	Part No.	Description	No. Used
16	54-8040	Fuel Line – Tank Connection	1
17	43-4190	90° Elbow	3
18	231-103	Tire	2
*	232-43	Inner Tube Optional	2
19	217-107	Rim	2
20	242-35	Nut – Hex	10
21	232-35	Valve Stem w/Cap	2
22	43-9040	Axle Assembly	1
23	3217-8	Nut – Hex	4
24	3253-6	Washer – Lock	4
25	57-3200	Shim Axle	A/R
26	53-8700	Hose – Fuel	1
27	53-8710	Hose – Fuel	1
28	53-8720	Hose – Fuel	1
29	55-8210	Hose – Fuel	1

*Not Illustrated

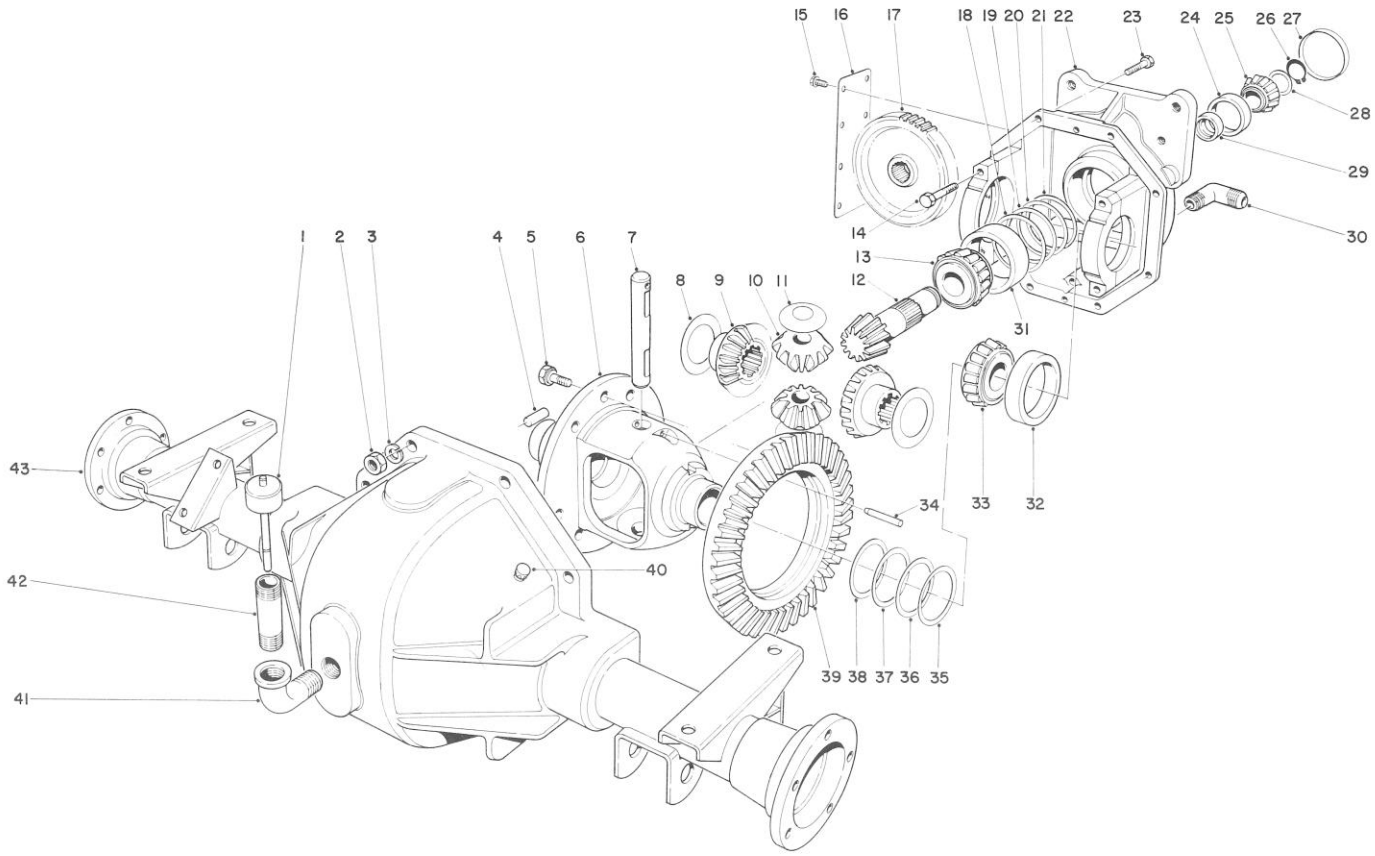


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6860	Axle Shaft Flanged L.H.	1
*	27-6850	Axle Shaft Flanged R.H.	1
2	21-8330	Oil Seal	2
3	21-8180	Bearing – Tapered Roller	2
4	21-9450	Dust Shield	2
5	40-2190	Torque Spider	2
6	21-9390	Socket – Adjusting Screw	2
7	21-9370	Adjusting Screw	2
8	21-9380	Pivot Nut	2
9	242-34	Axle Flange Stud	10
10	21-8360	Clip Retaining	2
11	28-0680	Brake Drum	2

Ref. No.	Part No.	Description	No. Used
12	43-6800	Locknut – Flange Hd.	8
13	28-0670	Oil Seal	2
14	21-9440	Spring – Adjusting Screw	2
15	21-9460	Retainer – Parking Brake Lever	4
16	43-2690	Shoe & Lining Ass'y.	4
17	21-9420	Spring – Shoe Return L.H.	2
18	21-9430	Spring – Shoe Return R.H.	2
19	27-6880	Strut & Lever Parking Brake	2
20	21-8320	Gasket Wheel Bearing	2
21	28-0660	Capscrew	8
22	24-8840	Ring Wheel Bearing	2

*Not Illustrated

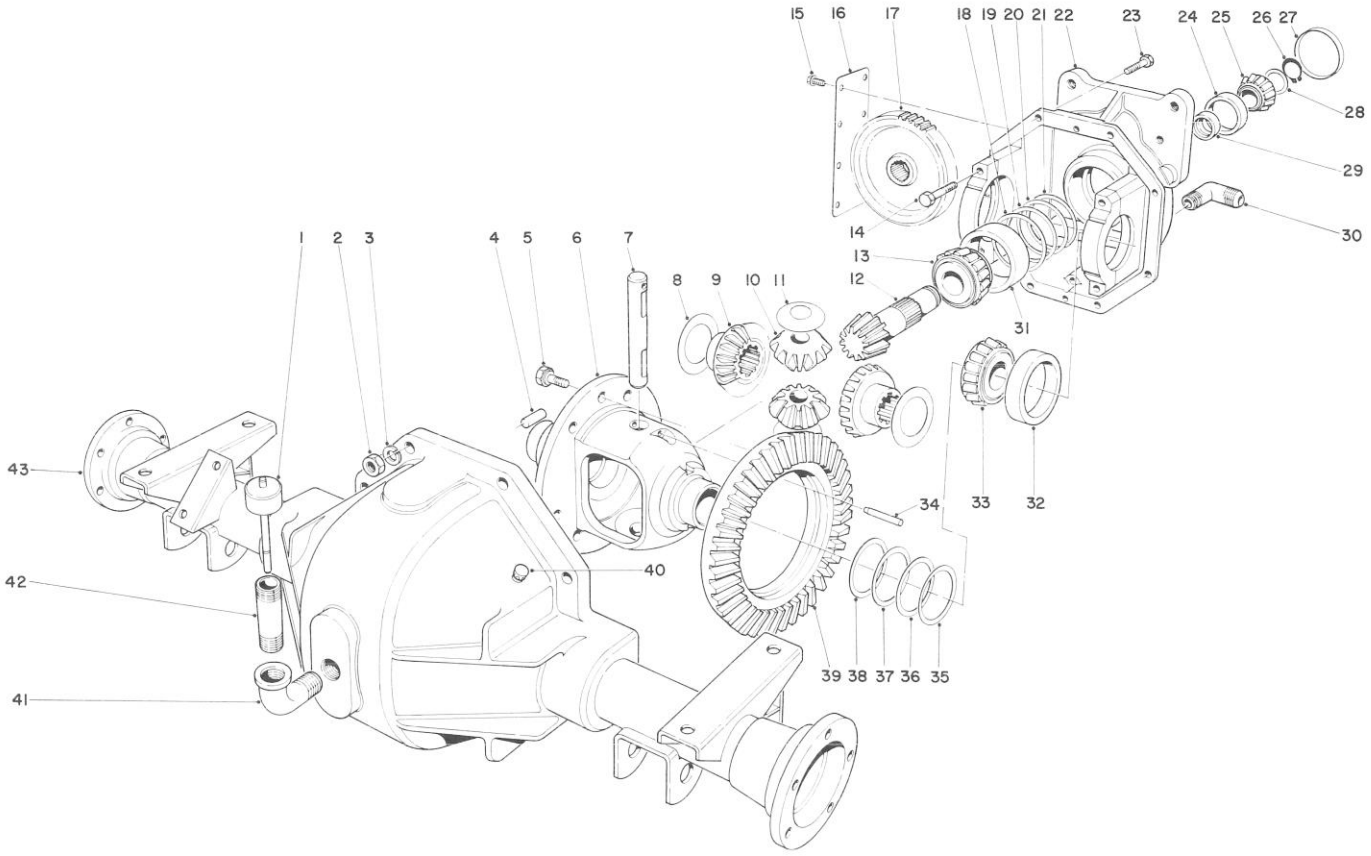


DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-3710	Dipstick	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 Side Gear	2
10	21-7690	Pinion Gear	2
11	21-7730	Thrust Washer	2
12		Drive Pinion (Incl. Ref. #39)	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	Shim Adjusting Differential Bearing .003	A/R
19	43-6711	Shim Adjusting Differential Bearing .005	A/R
20	43-6712	Shim Adjusting Differential Bearing .010	A/R
21	43-6713	Shim Adjusting Differential Bearing .030	A/R
22	43-6860	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Capscrew	8

Ref. No.	Part No.	Description	No. Used
24	254-90	Bearing Cup	1
25	254-91	Bearing Cone	1
26	43-6550	Retaining Ring	1
27	21-7850	Cap 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

*Not Illustrated

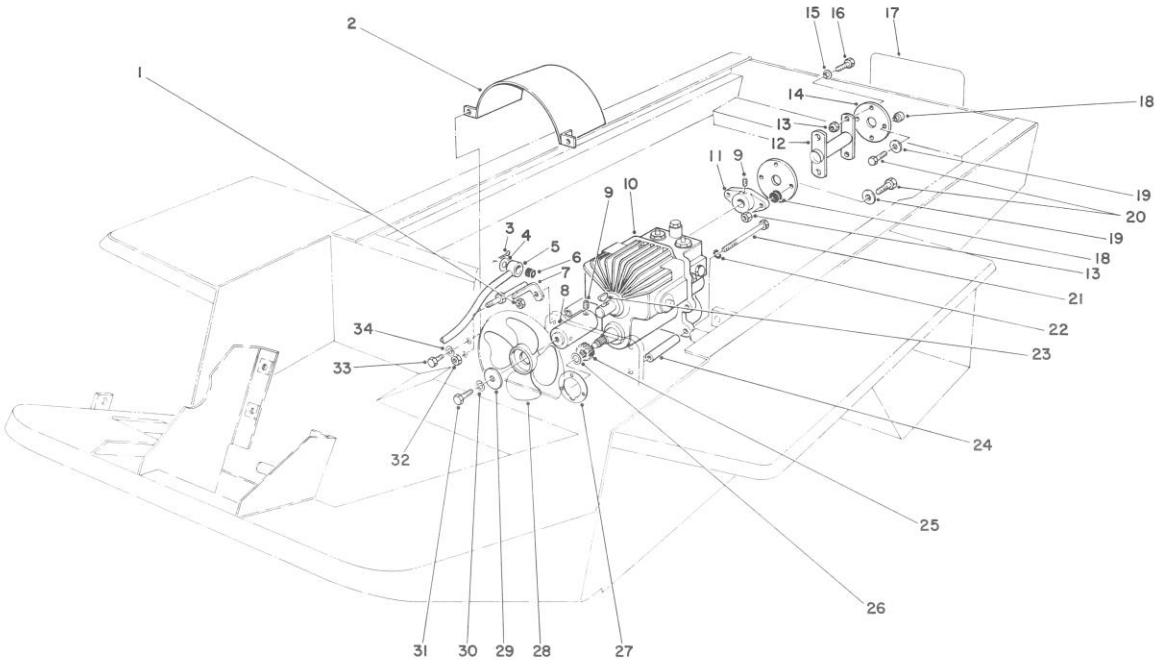


DIFFERENTIAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
*	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	353-533	Fitting 90° Elbow	1
31	43-6750	Tapered Roller Bearing Cup	1
32	254-66	Cup – Tapered Bearing	2
33	254-65	Cone – Tapered Bearing	2
34	32121-15	Roll Pin	1
35	21-8090	Differential Adjust. Shim. .003	A/R

Ref. No.	Part No.	Description	No. Used
36	21-8100	Differential Adjust. Shim. .005	A/R
37	21-8110	Differential Adjust. Shim. .010	A/R
38	21-8120	Differential Adjust. Shim. .030	A/R
39		Ring Gear	1
40	46-3330	Vent Tube Assembly	1
41	2811-9	Street Elbow 90°	1
42	289-38	Pipe Nipple	1
43	43-6850	Lower Housing Assembly	1
*	43-6510	Gear & Pinion Assembly (Incl. Ref. # 12 & 39)	1

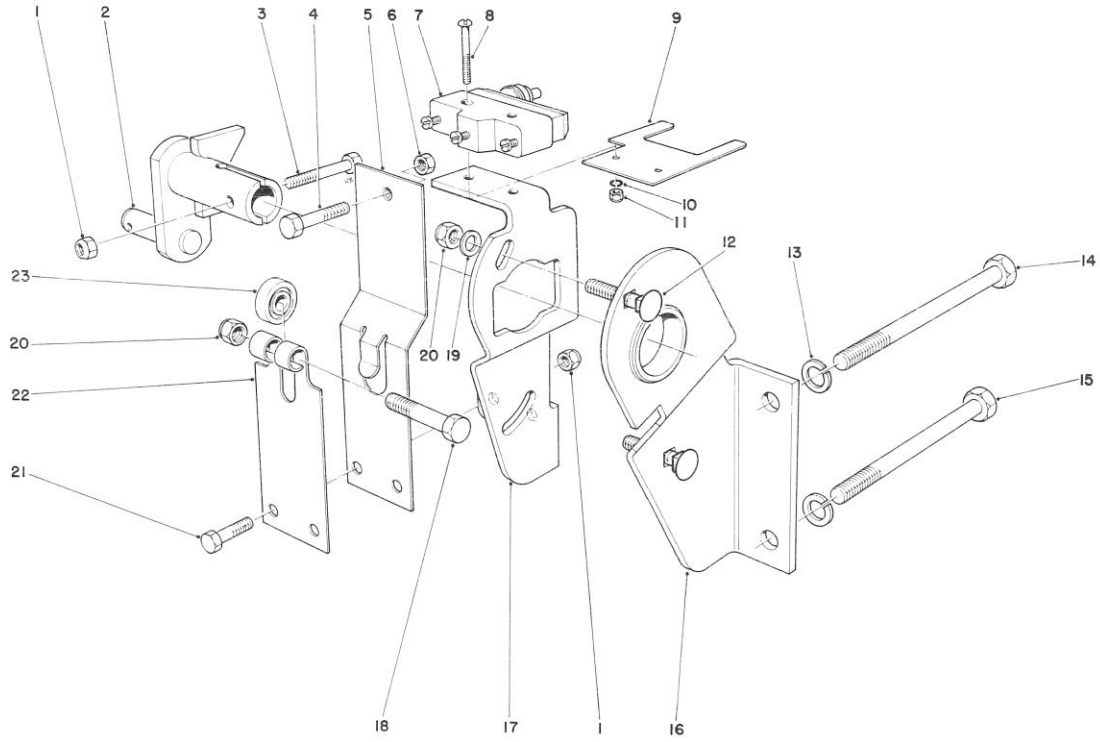
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TRANSMISSION AND DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-7	Nut Hex	1
2	27-3270	Fan Shroud	1
3	3272-10	Pin Cotter	1
4	3256-26	Washer — Plain, Flat	1
5	27-4160	Pump Control Tube	1
6	23-2270	Bushing — Rubber	1
7	27-5310	Axle Support	1
8	27-4340	Hub & Plug Assembly	1
9	3245-1	Setscrew	2
10	49-7910	Transmission	1
11	27-4370	Pump Hub	1
12	53-8660	Drive Shaft	1
13	32152-5	Nut — Lock, Top Deform	6
14	44-2230	Coupling — Rubber	2
15	27-6600	Spacer — Rubber Coupling	4
16	3210-5	Screw — Cap, Hex. Hd.	4
17	43-5120	Decal — Toro	1
18	33-2020	Spacer	4

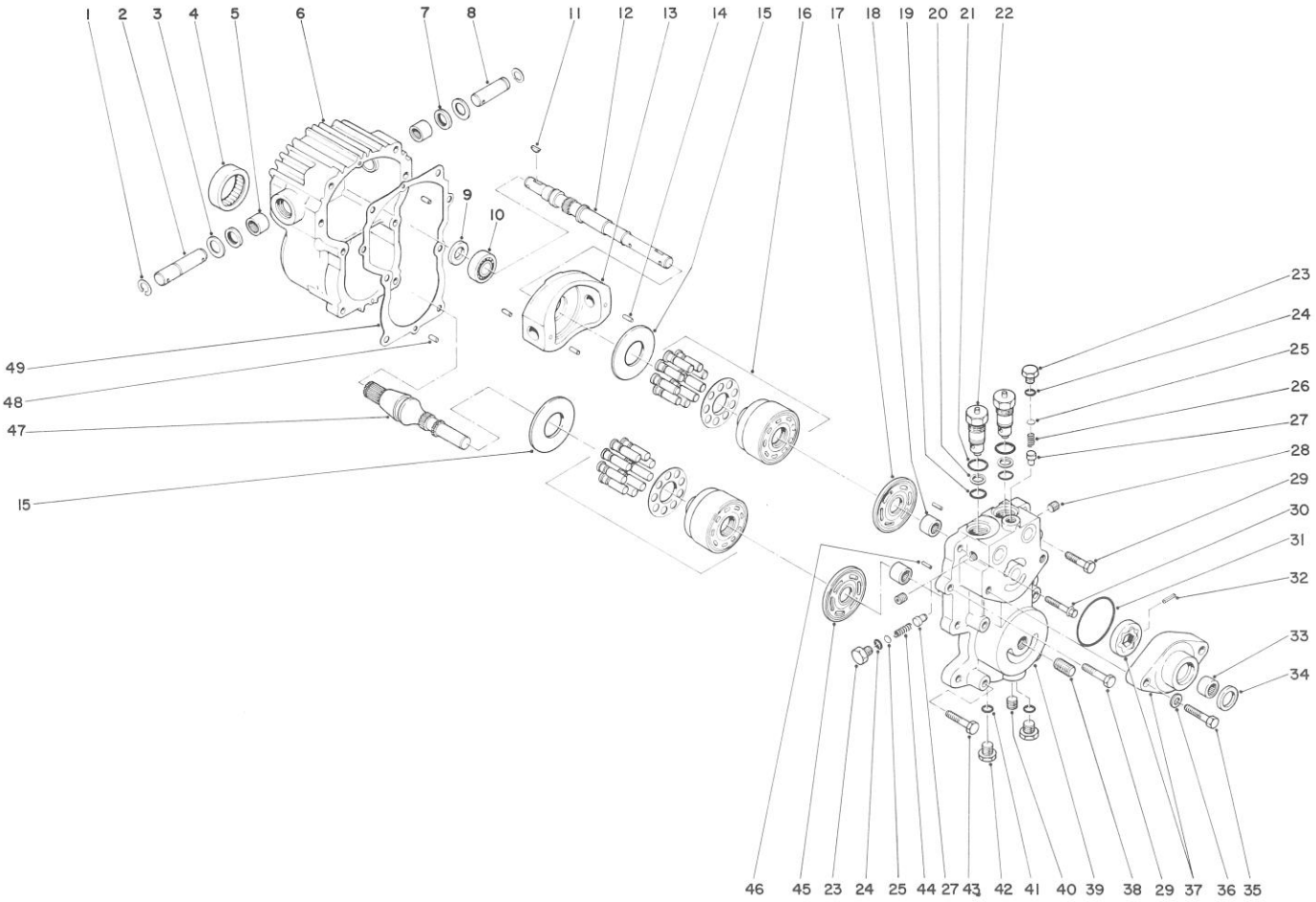
Ref. No.	Part No.	Description	No. Used
19	3256-3	Washer — Plain, Flat	4
20	3210-8	Screw — Cap, Hex. Hd.	4
21	323-38	Screw — Cap Hex. Hd.	2
22	3253-21	Washer — Lock Spring	2
23	3257-5	Woodruff Key	2
24	27-3680	Mounting Spacer	4
25	23-4810	Spur Gear	1
26	32120-72	Snap Ring	1
27	27-3690	Gasket — Transmission	1
28	27-3740	Fan	1
29	27-4360	Washer	1
30	3253-4	Washer — Lock	1
31	322-5	Capscrew	1
32	3218-5	Nut — Hex Jam	2
33	321-2	Screw — Cap Hex Hd.	2
34	3253-3	Washer — Lock Spring	2
35	3241-6	Screw — Set, Sq. Hd.	2



TRANSMISSION INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut – Lock	4
2	29-9790	Pump Lever	1
3	321-9	Capscrew	2
4	3210-7	Screw – Cap Hex Hd.	1
5	29-6170	Extended Leaf Spring	1
6	3219-2	Nut Hex	1
7	29-6160	Micro Switch	1
8	3249-11	Screw–Machine, Round Head	2
9	46-8810	Stop – Leaf Spring	1
10	3254-9	Washer – Lock Internal Tooth	2
11	3217-16	Nut – Hex	2
12	3230-2	Carriage – Bolt	2

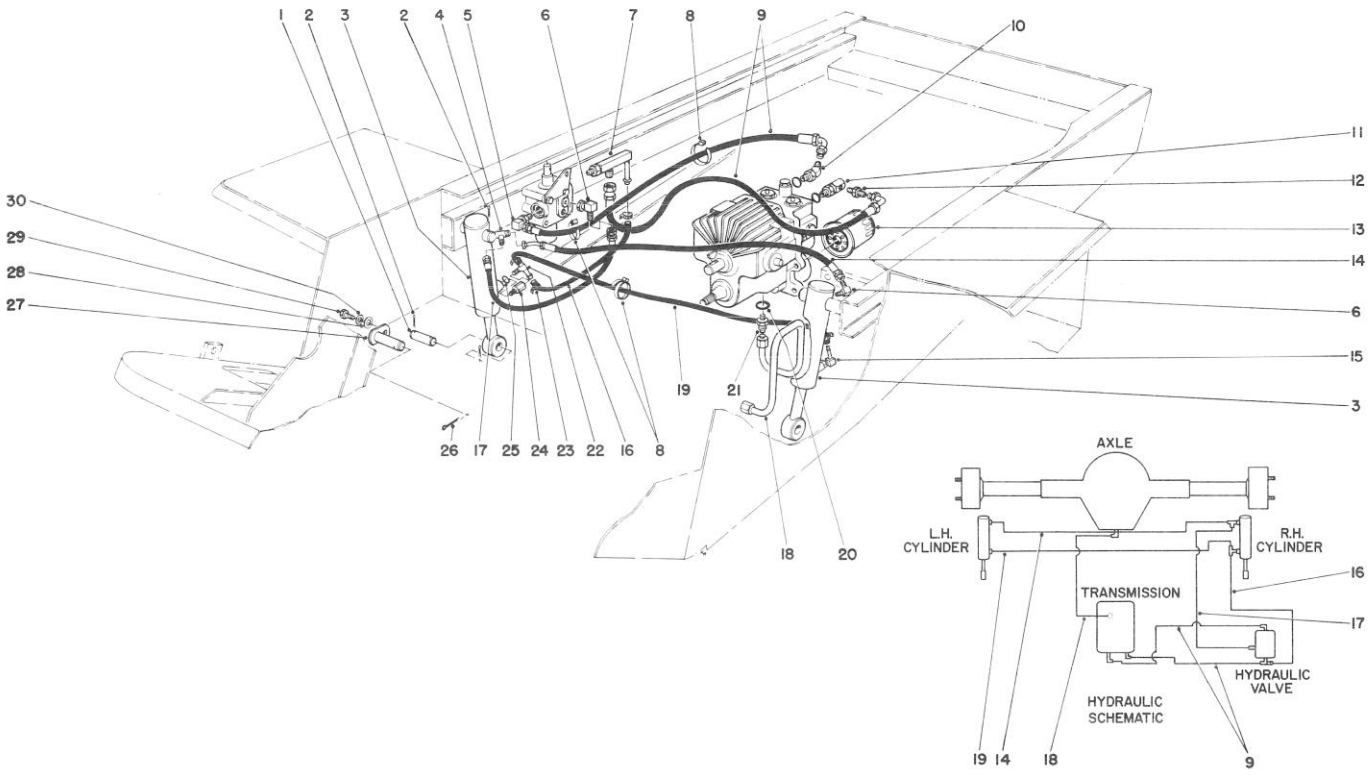
Ref. No.	Part No.	Description	No. Used
13	3253-21	Washer – Lock	2
14	27-9620	Capscrew	1
15	323-39	Screw – Cap Hex. Hd.	1
16	52-8890	Mounting Bracket	1
17	52-9070	Pump Plate	1
18	322-17	Screw – Cap Hex. Hd.	1
19	3256-2	Washer	2
20	3296-29	Nut – Lock	3
21	321-4	Screw – Cap Hex. Hd.	2
22	29-6150	Leaf Spring	1
23	251-259	Ball Bearing	1



TRANSMISSION ASSEMBLY 49-7910

Ref. No.	Part No.	Description	No. Used
1	32151-46	Retaining Ring	2
2	25-2500	Trunnion Shaft	1
3	25-2510	Washer	2
4	28-3300	Roller Bearing	1
5	28-3310	Needle Bearing	2
6	49-7870	Housing	1
7	25-3210	Lip Seal	2
8	28-3670	Trunnion Shaft	1
9	28-3660	Lip Seal	1
10	28-3650	Ball Bearing	1
11	3257-5	Woodruff Key	2
12	28-3640	Pump Shaft	1
13	49-7820	Variable Swashplate	1
14	32121-91	Pin	3
15	25-2380	Thrust Plate	2
16	48-1800	Cylinder Block Kit	2
17	46-7320	Pump Valve Plate	1
18	25-3300	Needle Bearing	2
19	28-3590	"O" Ring	2
20	28-3580	Back Up Ring	2
21	28-3570	"O" Ring	2
22	49-7830	Check Valve Assembly (Incl. Ref. # 19 - 21)	2
23	25-2460	Hex Hd. Plug	2
24	28-3400	"O" Ring	2
25	25-2470	Shim Pack	A/R
26	46-7310	Relief Valve Spring Imp.	1

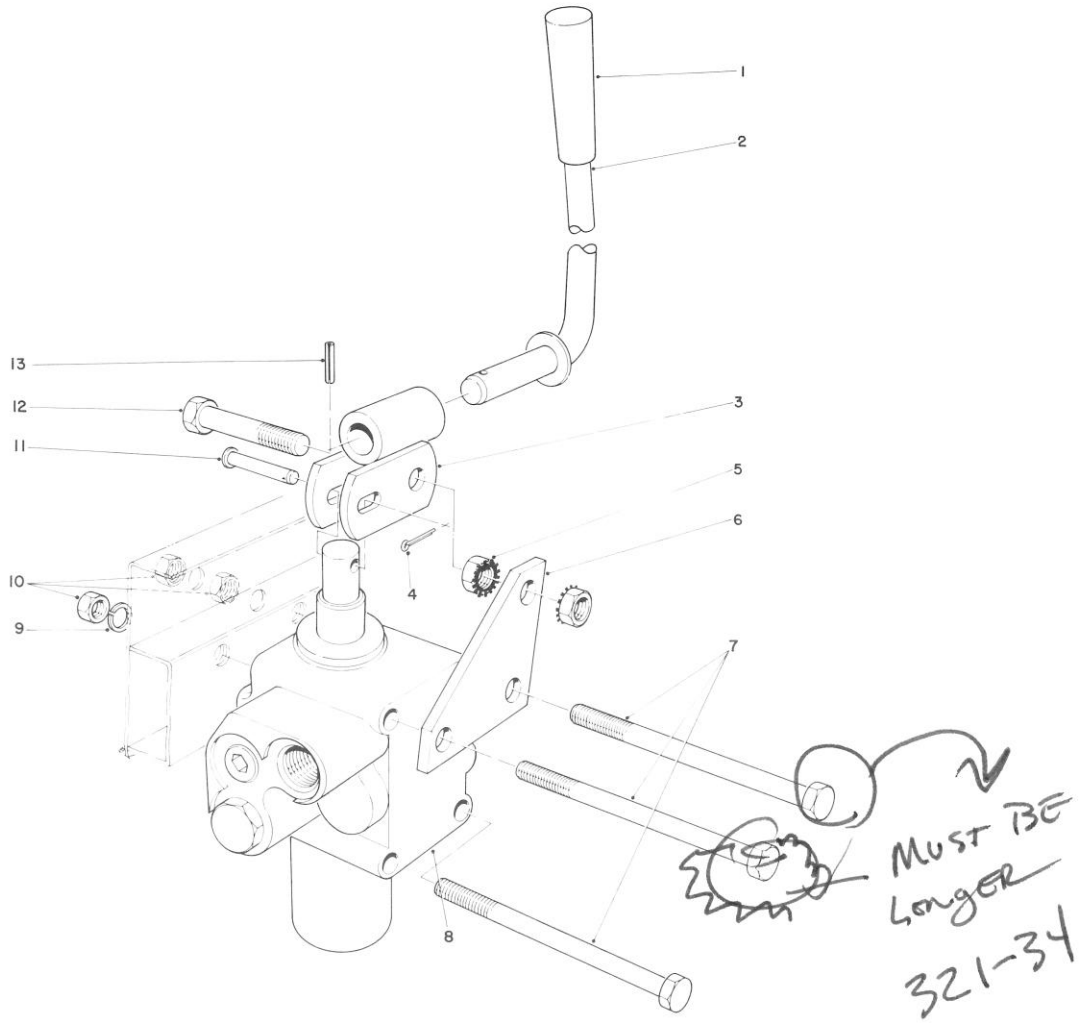
Ref. No.	Part No.	Description	No. Used
27	28-3420	Relief Valve Cone Chg.	2
28	285-17	Pipe Plug	4
29	323-8	Capscrew	2
30	28-3530	Capscrew	2
31	28-3520	"O" Ring	1
32	38-2680	Pin	1
33	28-3480	Needle Bearing	1
34	28-3470	Lip Seal	1
35	324-23	Hex Hd. Capscrew	2
36	28-3450	Flat Washer	2
37	38-2670	Charge Pump Kit (Incl. Ref. # 31 - 34)	1
38	25-2660	Filter Union	1
39	49-7850	Center Section	1
40	46-7280	Plug – Pipe	1
41		"O" Ring	2
42	28-3440	Threaded Plug (Incl. Ref. # 41)	2
43	323-10	Capscrew	4
44	25-2480	Relief Valve Spring Chg.	1
45	28-3380	Motor Valve Plate	1
46	25-2430	Pin	2
47	49-8200	Motor Shaft	1
48	28-3350	Pin	2
49	28-3340	Gasket	1



HYDRAULIC LIFT SYSTEM

Ref. No.	Part No.	Description	No. Used
1	27-4240	Pin – Cylinder	2
2	3272-23	Pin – Cotter	6
3	43-5260	Hydraulic Cylinder	2
4	353-566	Fitting – Adjustment Tee	1
5	353-374	90° Elbow	1
6	353-375	90° Elbow	2
7	38-2550	Fitting Assembly	1
8	3290-378	Plastic Ty – On	3
9	38-2560	Hose – Transmission To Valve	2
10	353-212	Fitting	1
11	36-7960	Fitting Special	1
12	353-678	Adapter	1
13	23-2300	Oil Filter	1
14	27-5010	Hose – Cylinder Connector	1
15	304-99	90° Barb Hose Stem	1

Ref. No.	Part No.	Description	No. Used
16	27-4490	Hose – Low Pressure	1
17	27-5020	Hose – Cylinder Tee To Valve	1
18	27-3760	Hydraulic Tube	1
19	27-4480	Hose – Low Pressure	1
20	237-80	"O" – Ring	1
21	353-385	Fitting (Incl. Ref. #20)	1
22	353-567	Fitting – Male Tee	1
23	2412-36	Clamp – Worm Drive	4
24	353-565	Fitting – Connector	1
25	237-78	"O" Ring	1
26	3272-17	Pin Cotter	2
27	27-4310	Pivot Pin	2
28	3256-22	Washer – Plain Flat	2
29	321-2	Screw – Cap Hex. Hd.	2
30	3253-3	Washer – Lock Spring	2

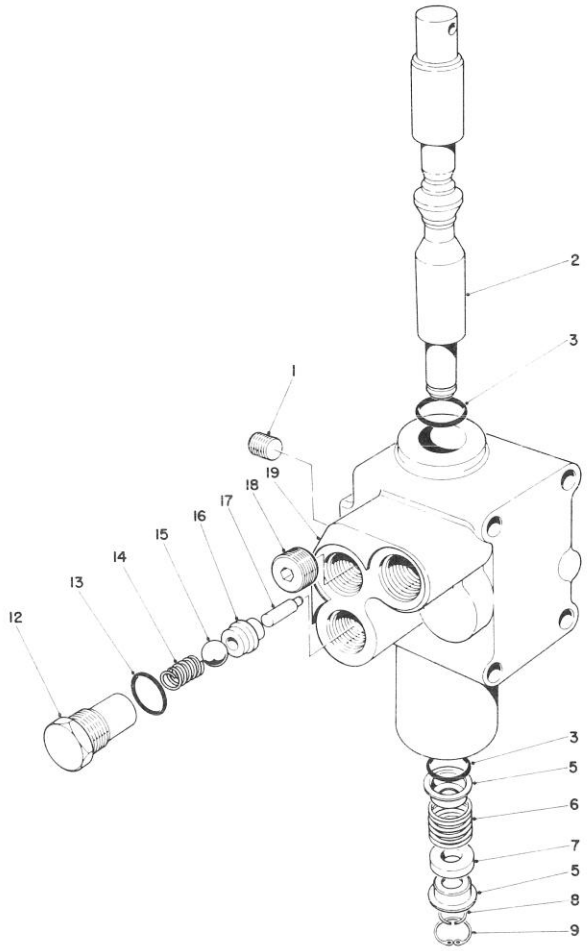


VALVE AND LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob	1
2	27-4200	Valve Lever	1
3	27-4220	Valve Lever Link	1
4	3272-6	Cotter Pin	1
5	32149-2	Nut – Lock	2
6	27-4230	Bracket – Valve	1
7	321-24	Screw – Cap, Hex Hd.	3

321-34

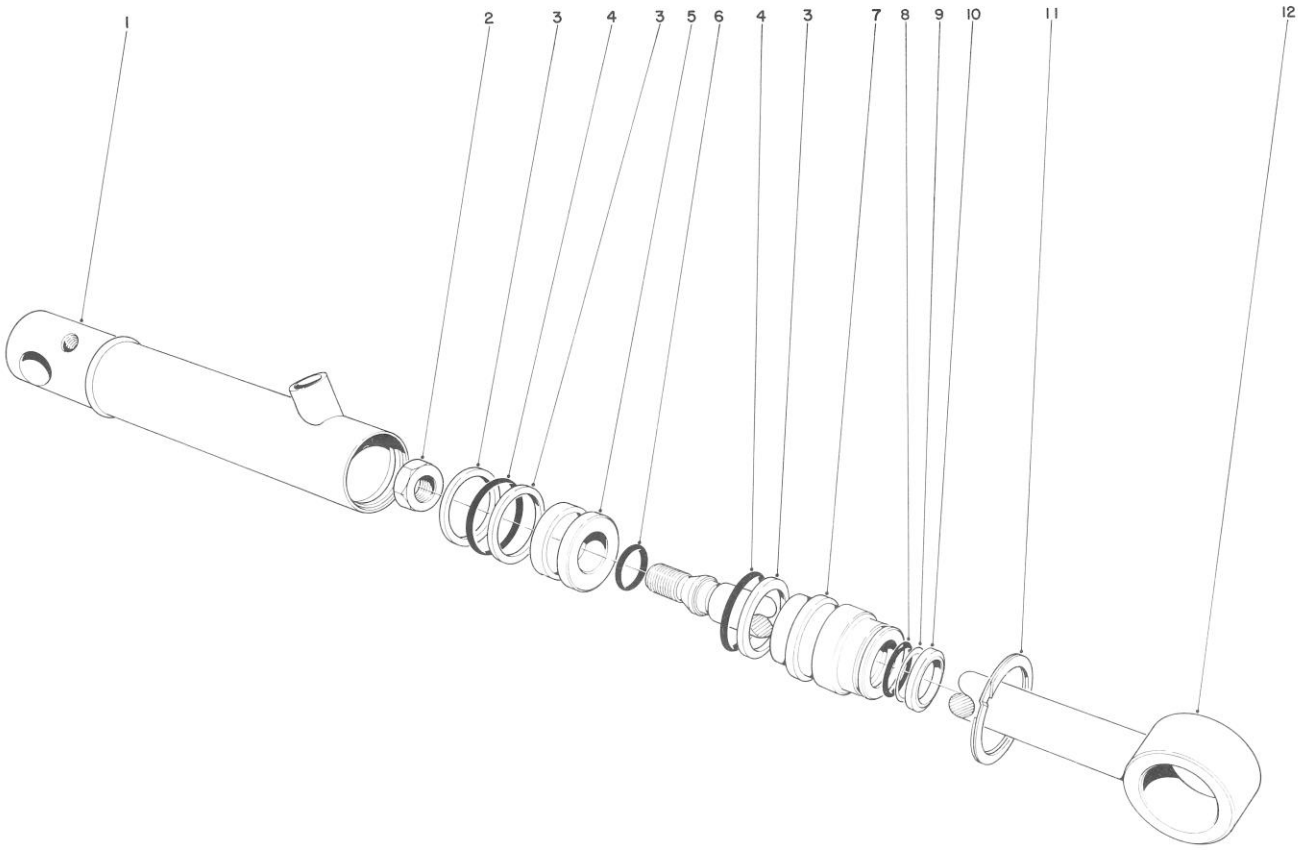
Ref. No.	Part No.	Description	No. Used
8	43-1700	Valve Hydraulic	1
9	3253-3	Lockwasher	2
10	3217-5	Nut – Hex	4
11	283-17	Clevis Pin	1
12	321-10	Screw – Cap, Hex Hd.	1
13	32121-73	Roll Pin	1



VALVE ASSEMBLY NO. 43-1700

Ref. No.	Part No.	Description	No. Used
1	28-1120	Plug	1
2	27-5210	Spool	1
3	22-8500	O-Ring	2
5	22-8380	Retainer – Spring	2
6	22-8410	Spring	1
7	27-5200	Float Spacer	1
8	22-8480	Snap Ring – Spool	1
9	22-8490	Snap Ring	1

Ref. No.	Part No.	Description	No. Used
12	22-8330	Plug	1
13	237-42	O-Ring	1
14	22-8340	Spring	1
15	22-8350	Ball	1
16	22-8370	Seat – Check Valve	1
17	22-8360	Pin Cam	1
18	28-1130	Plug	1
19		Body	1

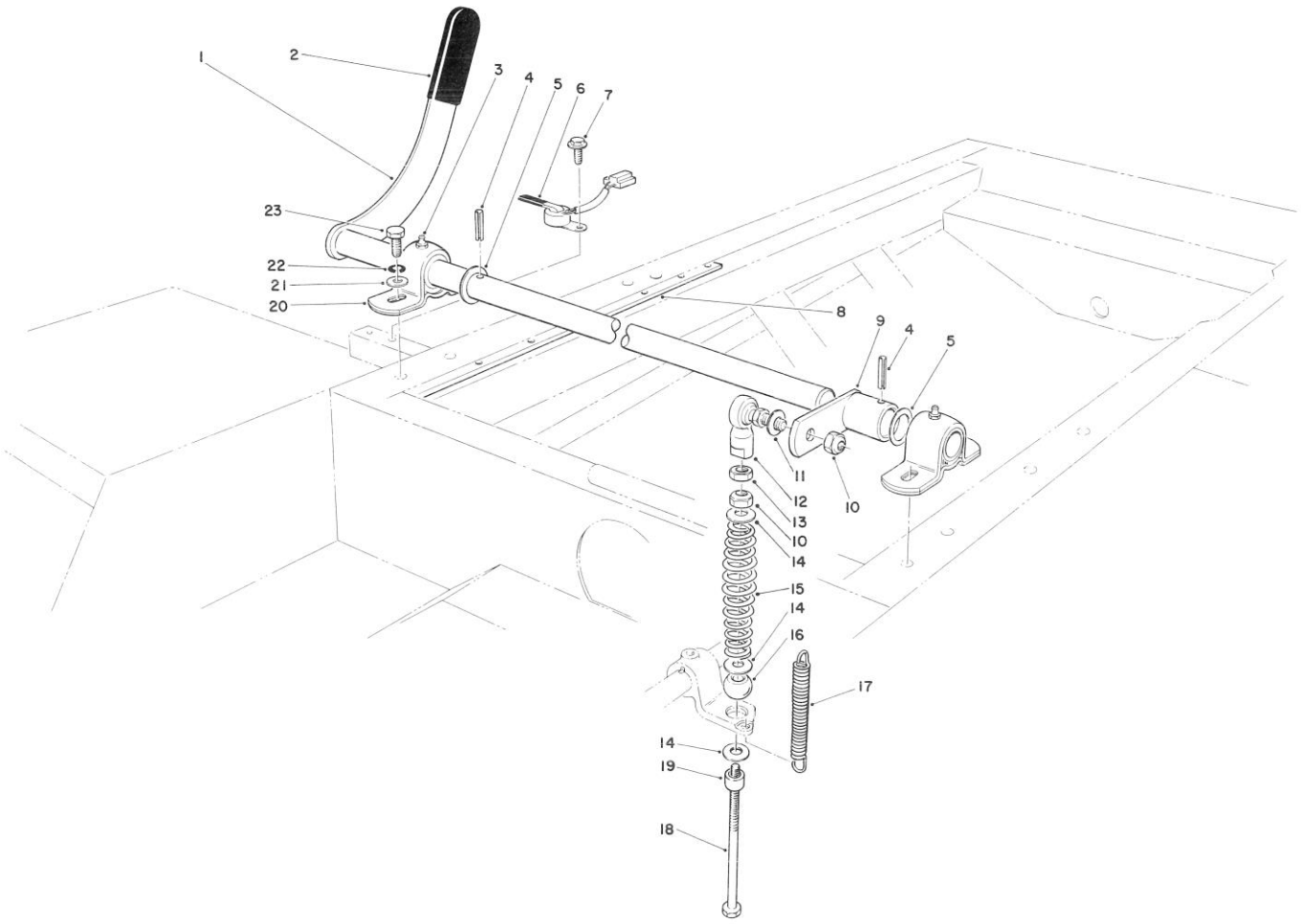


HYDRAULIC CYLINDER NO. 43-5260

Ref. No.	Part No.	Description	No. Used
1		Tube Assembly	1
2	43-5130	Jam Nut	1
3		Back Up Washer	3
4		O-Ring Piston	2
5	43-5150	Piston	1
6		O-Ring	1
7	43-5140	Head	1

Ref. No.	Part No.	Description	No. Used
8		O-Ring	1
9		Leather	1
10		Dust Seal	1
11	43-5220	Ring Retaining	1
12	43-5230	Shaft w/Clevis	1
*	43-5250	Seal Repair Kit (Incl. Ref. # 3, 4, 6, 8, 9 & 10)	1

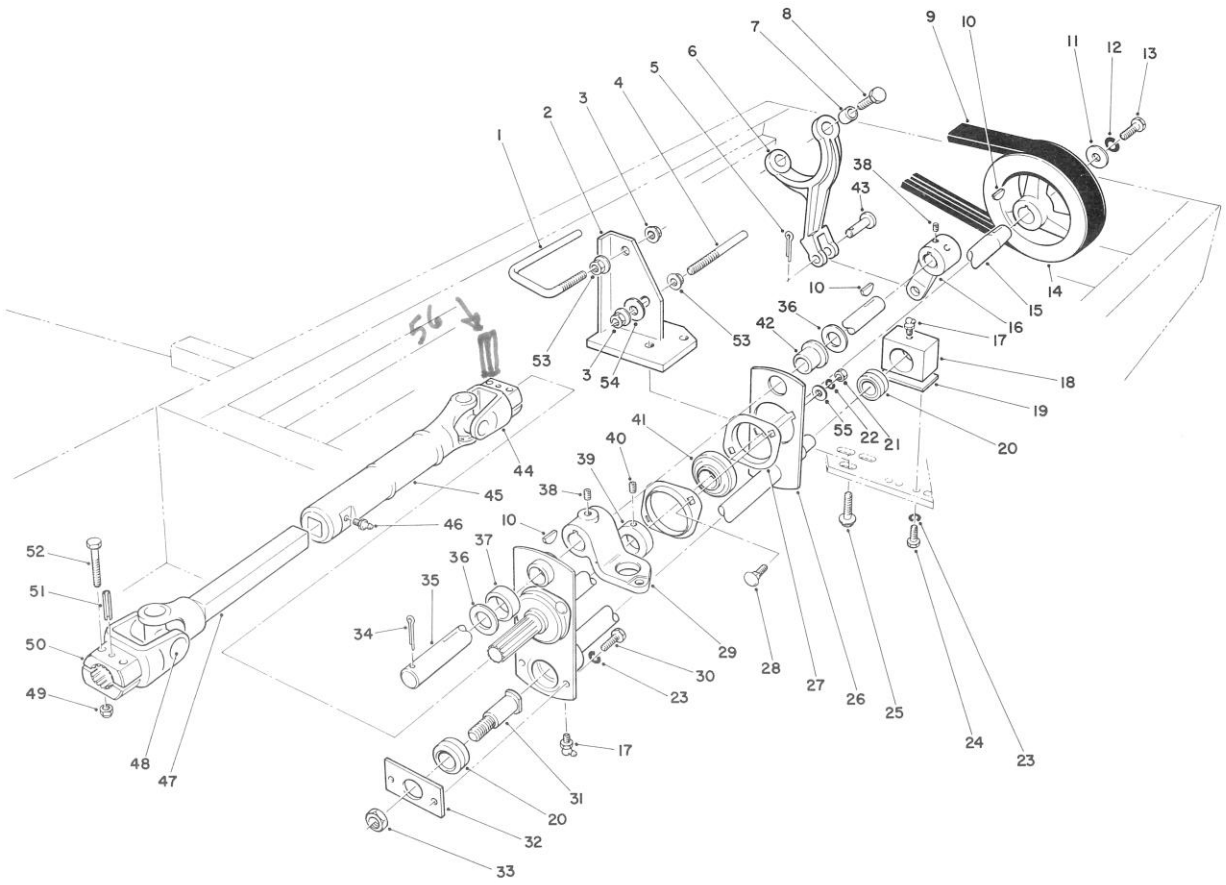
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POWER TAKE OFF LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-4910	Power Take Off Lever	1
2	21-1880	Grip — Handle	1
3	302-5	Fitting — Grease	2
4	32121-31	Pin — Roll	2
5	3-6514	Washer	2
6	29-6930	Switch — Arm	1
7	12-3270	Screw — Hex. Hd. Tapping	1
8	37-7060	Bar — Frame Rail	2
9	47-4780	Arm — Engagement	1
10	3296-5	Nut — Lock	2
11	3256-46	Washer — Plain	1
12	54-8030	Rod End	1

Ref. No.	Part No.	Description	No. Used
13	3220-3	Nut — Jam	1
14	3256-41	Washer — Flat	3
15	21-0400	Spring — Compression	1
16	54-8000	Ball — Spherical	1
17	21-1830	Spring — Tension	2
18	27-7900	Screw — Adjusting	1
19	36-5650	Spacer	1
20	251-269	Bearing — Pillow Block (Incl. Ref. #3)	2
21	3256-22	Washer — Flat	4
22	3253-3	Washer — Lock	4
23	321-4	Screw — Cap Hex. Hd.	4

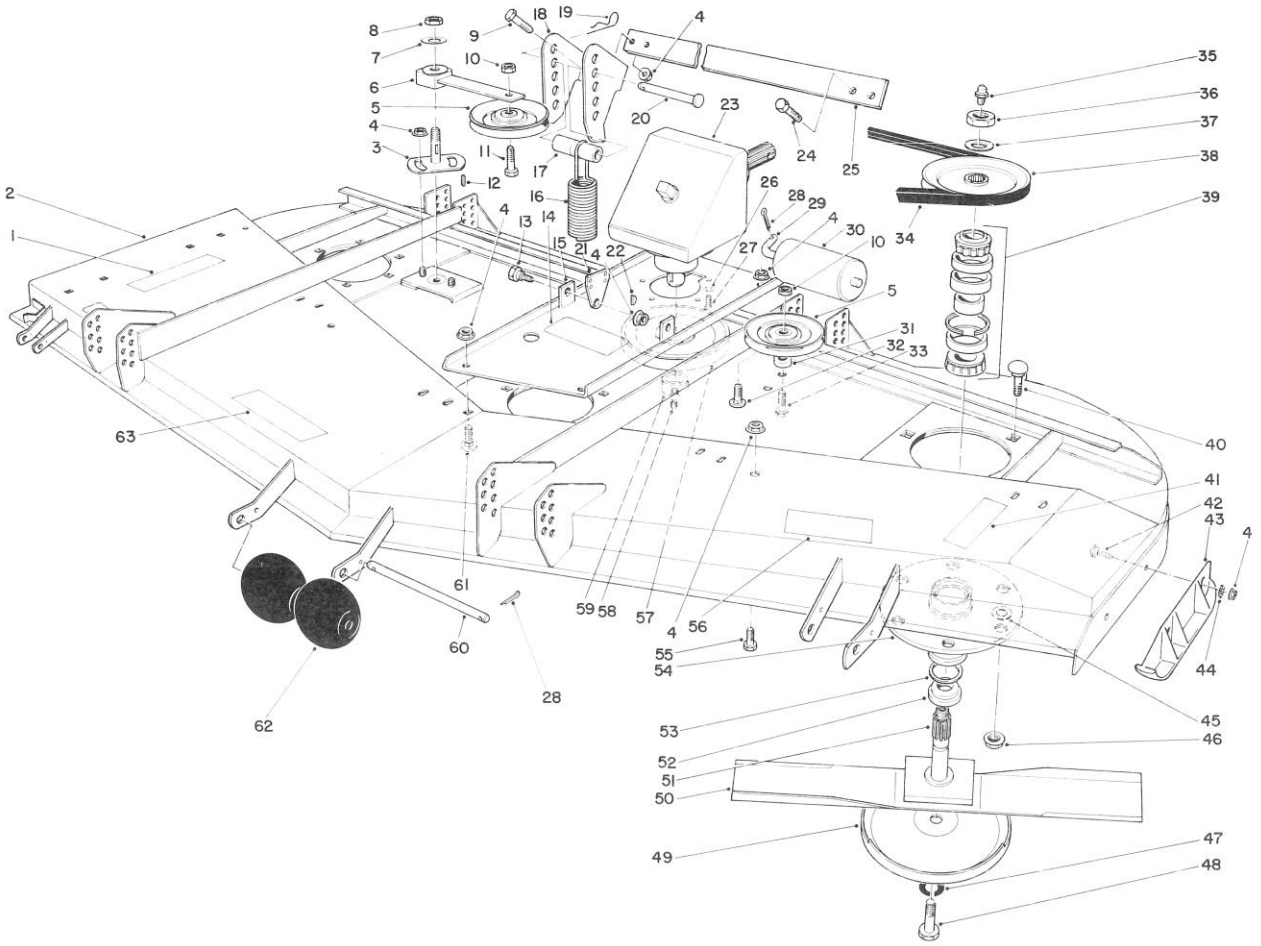


POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	44-9220	Guide — Belt	1
2	54-8010	Bracket — Belt Guide	1
3	3296-39	Nut — Lock	2
4	44-9230	Guide — Belt	1
5	3272-11	Pin — Cotter	1
6	53-8220	Fork — Power Take Off	1
7	43-3800	Bushing	2
8	30-2120	Screw — Cap Hex. Hd.	2
9	44-8990	V-Belt (Torque Team)	1
10	3257-5	Key — Woodruff	3
11	29-4730	Washer — Power Take Off	1
12	3253-21	Washer — Lock	1
13	323-18	Screw — Cap Hex. Hd.	1
14	43-5320	Pulley — Power Take Off	1
15	27-4980	Shaft — Power Take Off	1
16	53-8200	Arm — Power Take Off	1
17	302-40	Fitting — Grease (90° Elbow)	2
18	28-9050	Hub — Bearing	1
19	47-4760	Shim — Power Take Off Block	1
20	251-268	Bearing	2
21	3217-6	Nut — Hex	4
22	3253-4	Washer — Lock	4
23	3253-3	Washer — Lock	4
24	321-7	Screw — Cap Hex. Hd.	2
25	3234-11	Screw — Hex. Flange Hd.	3
26	53-8810	Engagement Arm Assembly	1
27	251-255	Flange — Bearing	4
28	3230-16	Bolt — Carriage	
29	53-8180	Arm — P.T.O. Actuator	1

Ref. No.	Part No.	Description	No. Used
30	321-3	Screw — Cap Hex. Hd.	2
31	27-6970	Stud — Bearing	1
32	27-6650	Retainer — Bearing	1
33	3296-33	Nut — Lock	1
34	3272-22	Pin — Cotter	1
35	53-8850	Shaft — P.T.O. Actuator	1
36	3256-28	Washer — Flat	2
37	20-4370	Spacer	1
38	3246-3	Screw — Set	4
39	251-77	Collar — Locking	2
40	3245-1	Screw — Set	2
41	251-253	Bearing (Incl. Ref. #39 & 40)	2
42	256-113	Bushing — Flange	2
43	283-8	Pin — Clevis	1
44	54-9090	Yoke — Tractor End	1
45	54-9170	Yoke — Slip Tube	1
46	302-58	Fitting — Grease	1
47	54-9050	Yoke — Slip Shaft	1
48	54-9180	Universal Joint Kit	2
49	32152-1	Nut — Lock	4
50	54-9040	Yoke — Deck End	1
51	32121-34	Pin — Roll	2 → 1
52	322-9	Screw — Cap Hex. Hd.	4
53	3290-357	Nut — Flange Lock	2
54	3256-3	Washer — Flat	1
55	3256-23	Washer — Plain	4
*	54-7950	Universal Shaft Assembly (Incl. Ref. #44-48 & 50)	1
56	32121-19	Pin - Roll	1

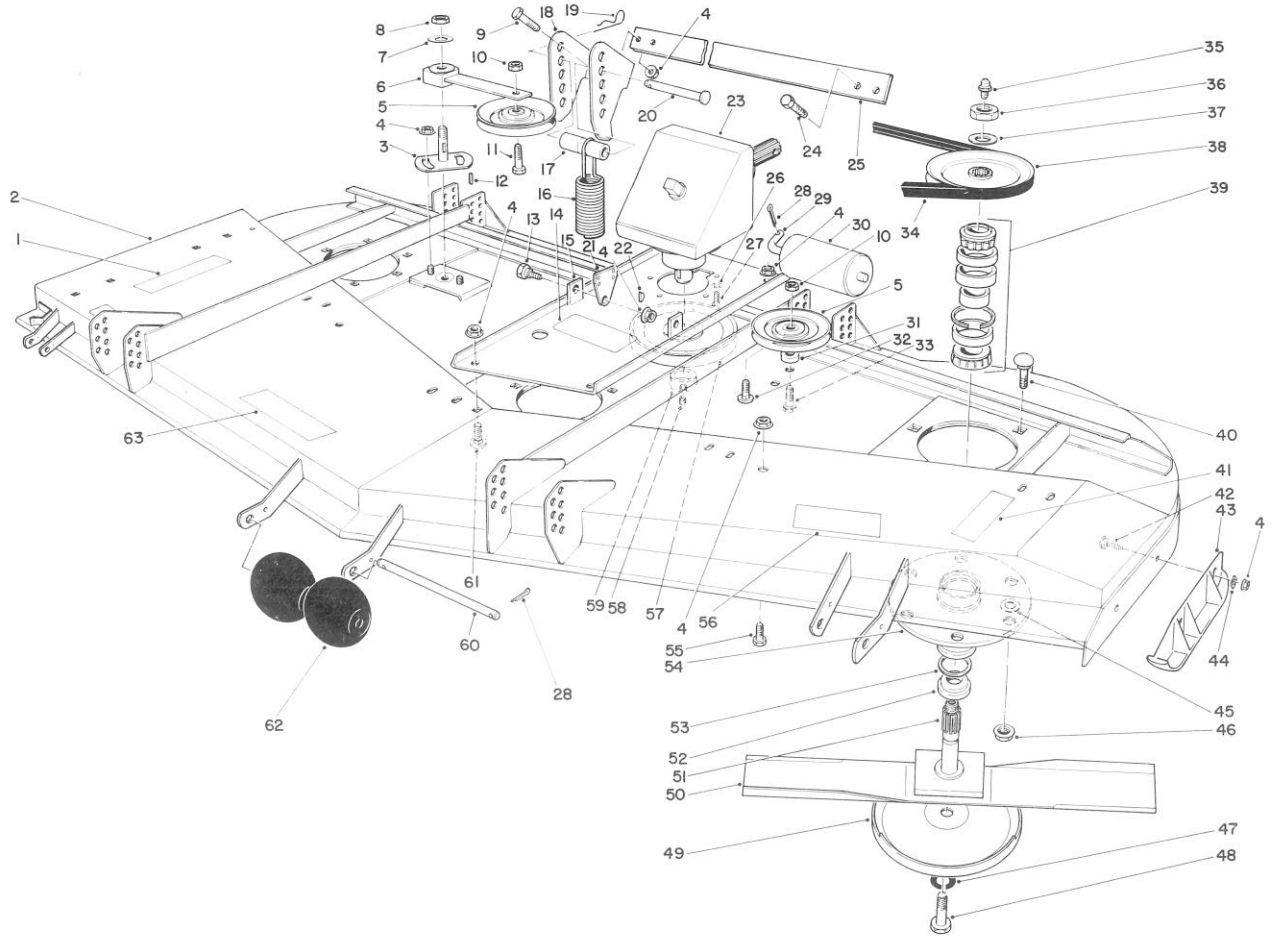
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CUTTING UNIT MODEL NO. 30562

Ref. No.	Part No.	Description	No. Used
1	26-7980	Decal — Caution	1
2	52-5780	Cutting Deck	1
3	44-6300	Plate — Idler	1
4	3290-357	Locknut	17
5	52-4580	Pulley — Idler	2
6	27-8580	Idler Socket & Bush Assy.	1
7	3256-27	Washer	1
8	3296-33	Locknut	1
9	323-11	Hex. Hd. Capscrew	3
10	3296-5	Locknut	2
11	3211-8	Hex. Hd. Capscrew	1
12	5-1077	Key — Square	1
13	46-3380	Bolt — Shoulder	2
14	44-6470	Decal — Caution	1
15	47-5530	Base — Gear Box	1
16	46-3200	Spring — Extension	2
17	40-0300	Spacer	2
18	46-2620	Bracket — Spring	2
19	3290-355	Hairpin Cotter	2
20	283-55	Pin — Clevis	2
21	46-3190	End — Spring	2
22	3257-5	Key — Woodruff	1
23	8-0909	Gear Box	1

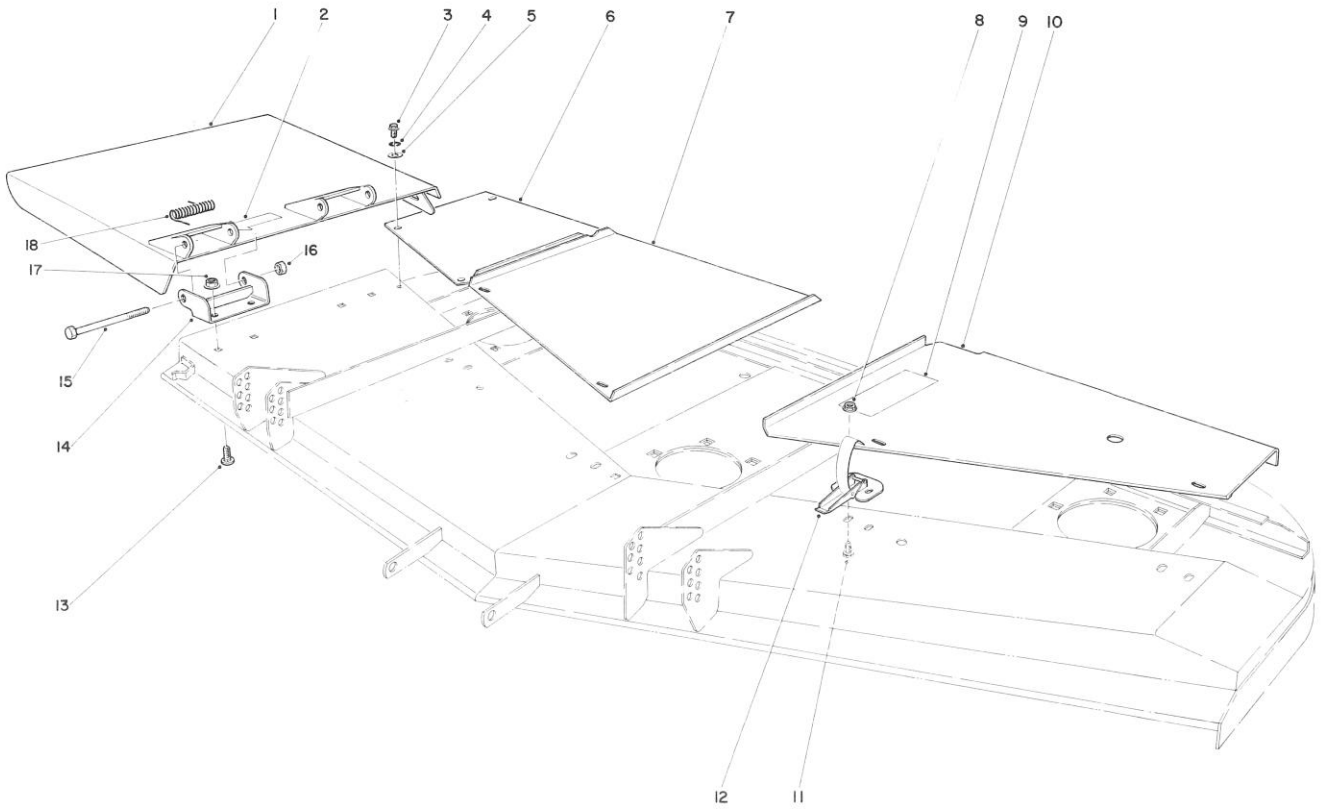
Ref. No.	Part No.	Description	No. Used
24	323-6	Hex. Hd. Capscrew	2
25	47-5450	Mount — Bracket	1
26	3253-21	Lockwasher	5
27	3274-1	Socket Hd. Capscrew	5
28	3272-11	Cotter Pin	4
29	40-0340	Shaft — Rear Roller	2
30	36-1740	Roller — Deck	2
31	44-6390	Spacer	1
32	3231-27	Carriage Bolt	2
33	3211-9	Hex. Hd. Capscrew	1
34	44-6260	V-Belt	1
35	302-2	Grease Fitting	3
36	32146-20	Locknut	3
37	7-4150	Washer	3
38	44-6340	Pulley — Hub Spindle	3
39	46-8530	Bearing Assembly	3
40	3231-22	Carriage Bolt	20
41	26-7970	Decal — Caution (Rotating Blades)	1
42	3231-22	Carriage Bolt	2
43	57-0570	Skid — L.H.	1
44	3290-224	Washer — Pyramidal	2
45	3256-24	Washer	A/R



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
46	32128-21	Flange Locknut	18
47	3253-27	Lockwasher	3
48	44-2200	Capscrew — Blade	3
49	27-1000	Cup — Anti-Scalp	3
50	44-6250	Blade	3
51	27-0920	Shaft — Spindle	3
52	27-0950	Spacer — Spindle Bearing	3
53	253-139	Seal — Wave	6
54	61-4160	Housing — Spindle	3

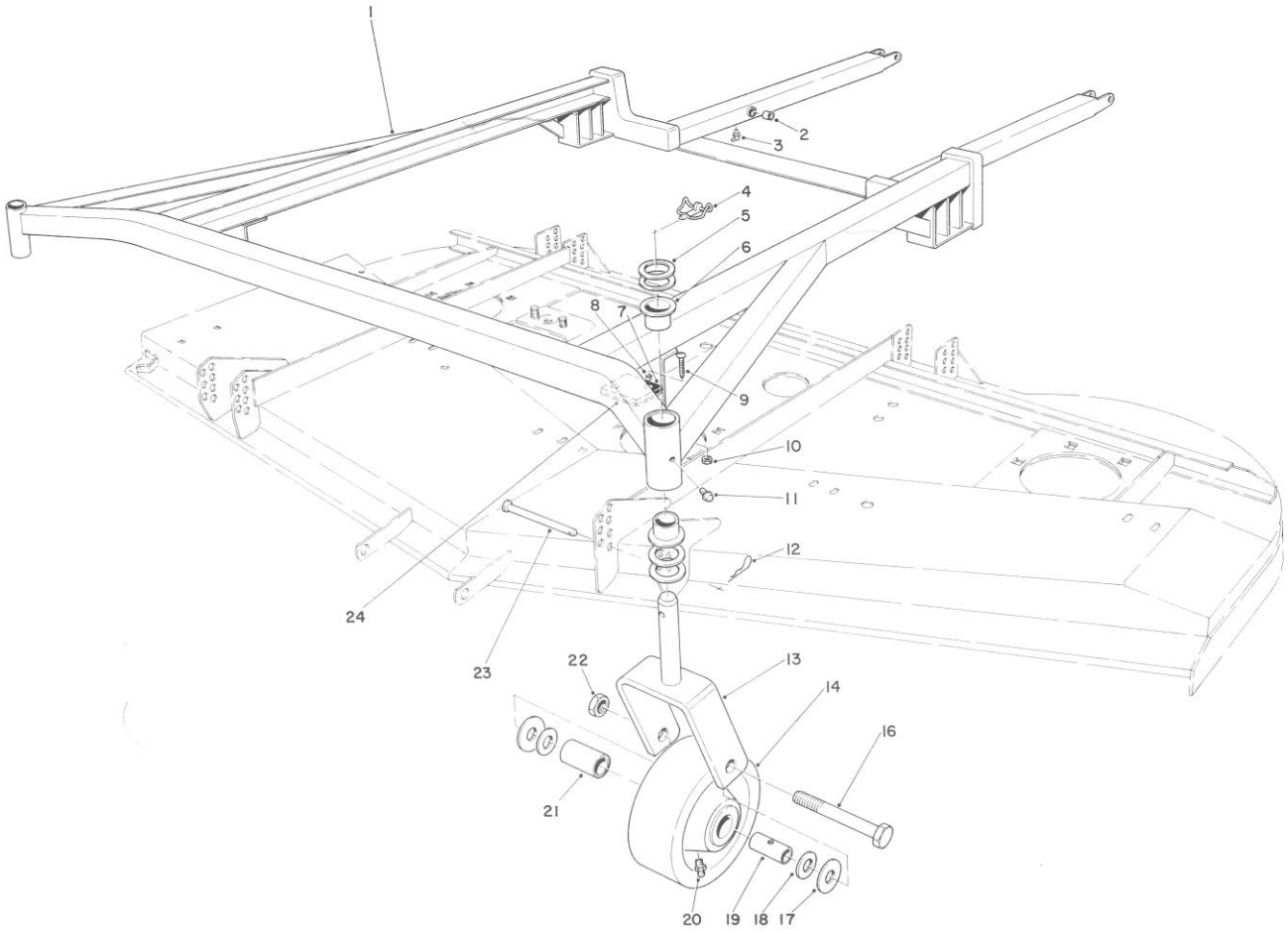
Ref. No.	Part No.	Description	No. Used
55	323-4	Hex. Hd. Capscrew	2
56	52-1430	Decal — Rear Weight	1
57	27-6110	Pulley — Gear Box	1
58	3245-9	Socket Hd. Set Screw	2
59	27-6140	Bushing — Taper Lock	1
60	40-6400	Shaft — Roller	1
61	3231-21	Carriage — Bolt	2
62	29-4820	Roller — Front	2
63	26-7960	Decal — Caution	1



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
1	52-5790	Deflector	1
2	26-7120	Decal – Blade Line	1
3	32104-114	Screw Self Tapping Hex. Hd.	4
4	3253-3	Washer – Lock	4
5	3256-22	Washer	4
6	44-6280	Cover – Deck R.H.	1
7	44-6270	Cover – Deck Center	1
8	32128-17	Nut – Lock, Flange	8
9	42-6860	Decal – Height of Cut	1

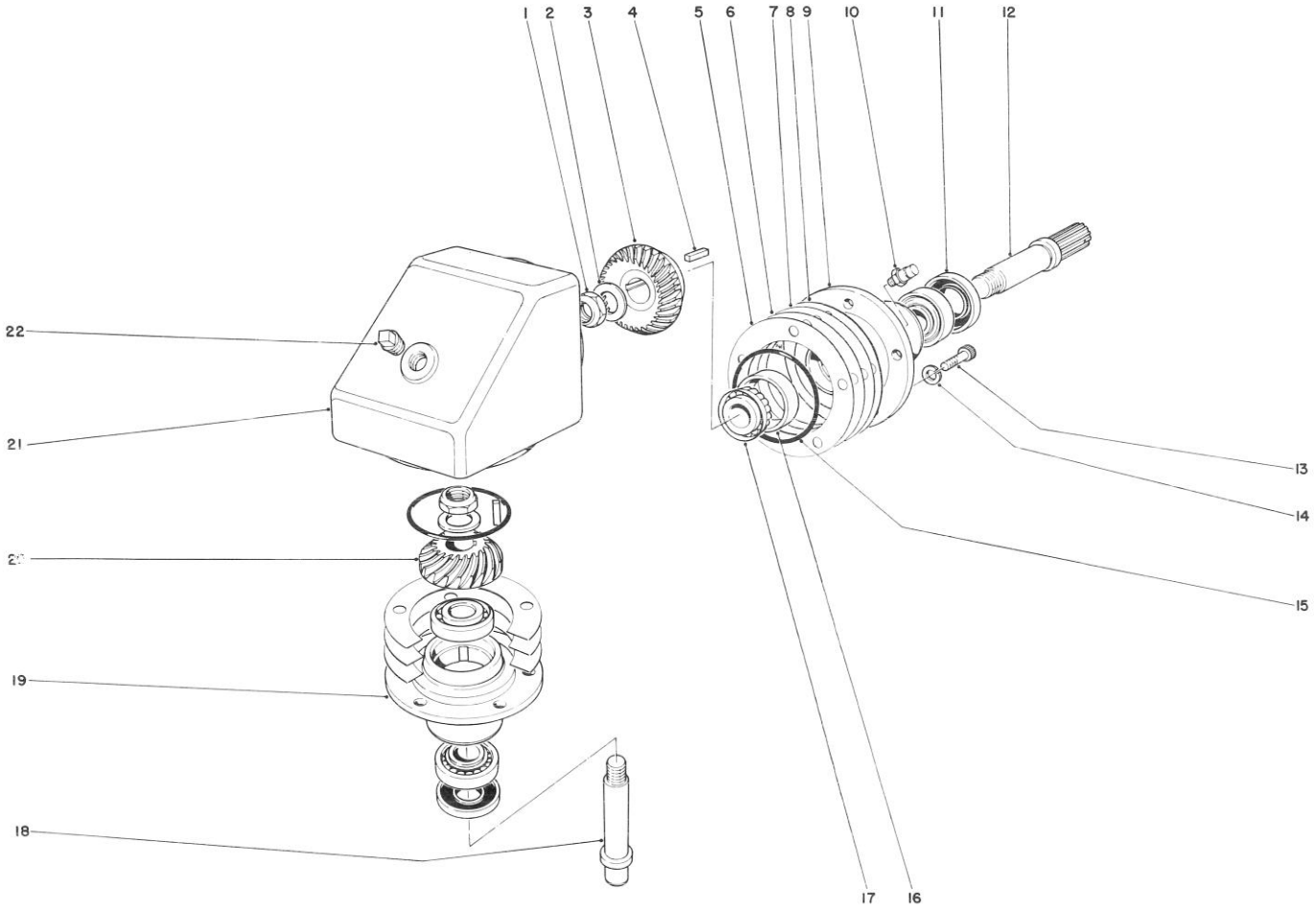
Ref. No.	Part No.	Description	No. Used
10	44-6290	Cover – Deck L.H.	1
11	3290-321	Screw – Machine Hex Slotted	8
12	249-21	Latch Draw	4
13	3231-27	Bolt – Carriage	4
14	51-1530	Hinge Bracket	2
15	325-17	Screw – Cap Hex. Hd.	2
16	32153-5	Nut – Lock	2
17	3290-357	Nut – Lock	4
18	51-1550	Spring	2



CUTTING UNIT MODEL NO. 30562 (Continued)

Ref. No.	Part No.	Description	No. Used
1	44-6410	Frame (Incl. Ref. #2, 3 & 6)	1
2	256-101	Bushing	4
3	302-40	Grease Fitting	2
4	3290-384	Lynch Pin	2
5	3-6781	Washer — Thrust	8
6	28-9290	Bushing Special	4
7	40-0330	Cushion — Rubber	2
8	40-9520	Spacer — Split	4
9	32122-28	Screw — Machine Truss Hd.	4
10	3296-2	Nut — Lock	4
11	302-5	Grease Fitting	2
12	3290-355	Pin — Hair	4

Ref. No.	Part No.	Description	No. Used
13	40-0370	Front Castor Fork	2
14	27-1050	Castor Wheel (Incl. Ref. #17-21)	2
16	328-9	Screw Cap Hex. Hd.	2
17	27-1170	Thrust Washer	4
18	27-1180	Bearing Retainer	4
19	27-1200	Spanner Bushing	2
20	302-55	Fitting — Grease	2
21	27-1210	Roller Bearing	2
22	32153-6	Locknut	2
23	283-55	Pin Clevis	4
24	42-6200	Shim — Cushion	A/R

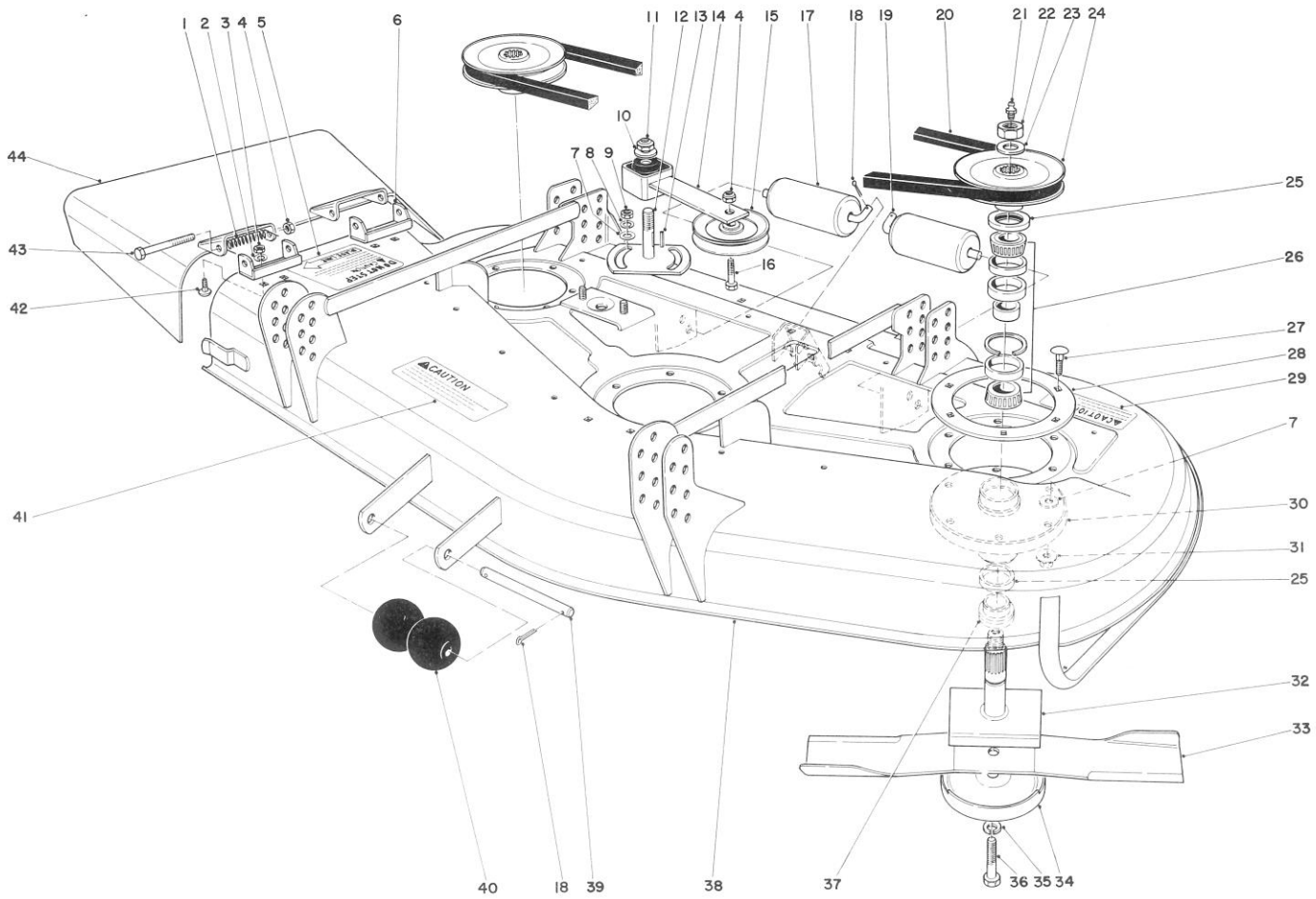


GEARBOX ASSEMBLY

(For Cutting Unit Model Nos. 30562, 30555, 30568, & 30575)

Ref. No.	Part No.	Description	No. Used
1	3296-15	Nut	2
2	3-6514	Thrust Washer	2
3	26-1340	Gear – Spiral Bevel	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

Ref. No.	Part No.	Description	No. Used
13	3274-7	Capscrew Socket Head	5
14	3253-21	Lockwasher	5
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	26-1380	Bearing Housing – Output	1
20	26-1330	Pinion Spiral	1
21	26-1270	Gear Box	1
22	281-11	Pipe Plug Sq. Hd.	1

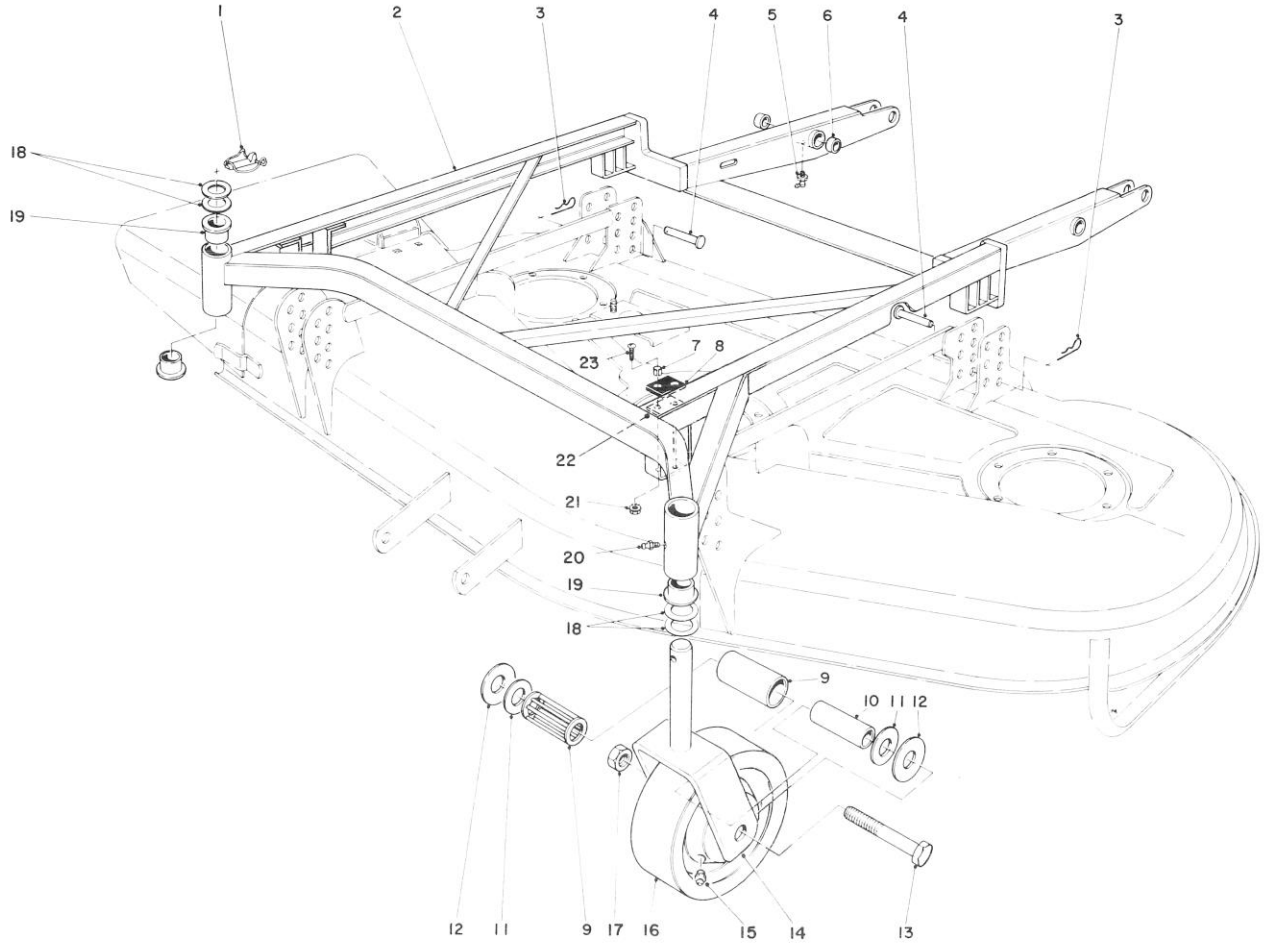


CUTTING UNIT MODEL NO. 30555

Ref. No.	Part No.	Description	No. Used
1	40-6230	Spring – Torsion	2
2	3253-4	Lockwasher	4
3	3217-6	Nut	4
4	3296-5	Locknut	3
5	40-5730	Decal – Caution	1
6	29-5590	Pivot Bracket – Deflector	2
7	3256-24	Washer – Flat	20
8	3253-21	Lockwasher	2
9	3218-3	Nut – Jam	2
10	3256-27	Washer – Flat	1
11	3296-33	Locknut	1
12	28-9060	Plate – Idler	1
13	5-1077	Key Square	1
14	27-8580	Idler Socket	1
15	52-4580	Pulley – Idler	1
16	3211-8	Capscrew	1
17	36-1740	Roller – Deck	2
18	3272-11	Cotter Pin	4
19	40-0340	Shaft – Rear Roller	2
20	27-1160	V-Belt	1
21	302-2	Grease Fitting	3
22	32146-20	Locknut	3
23	7-4150	Washer	3

Ref. No.	Part No.	Description	No. Used
24	27-0970	Pulley	3
25	253-139	Seal – Wave	6
26	46-8530	Bearing Assembly	3
27	3231-22	Carriage Bolt	18
28	27-7680	Ring – Deck Support	3
29	26-7970	Decal – Caution	1
30	61-4160	Spindle Housing	3
31	32128-21	Locknut – Flange	18
32	27-0920	Spindle Shaft	3
33	27-0990	Blade	3
34	27-1000	Anti-Scalp Cup	3
35	3253-27	Lockwasher	3
36	44-2200	Screw – Blade Bolt	3
37	27-0950	Spacer – Spindle Bearing	3
38	40-0020	Cutting Deck	1
39	40-6400	Shaft – Roller	1
40	29-4820	Roller	2
41	26-7960	Decal – Caution	1
42	3230-20	Carriage Bolt	4
43	3211-15	Capscrew	2
44	40-6200	Grass Deflector	1
*	44-5480	Blade – High Sail (Optional)	3

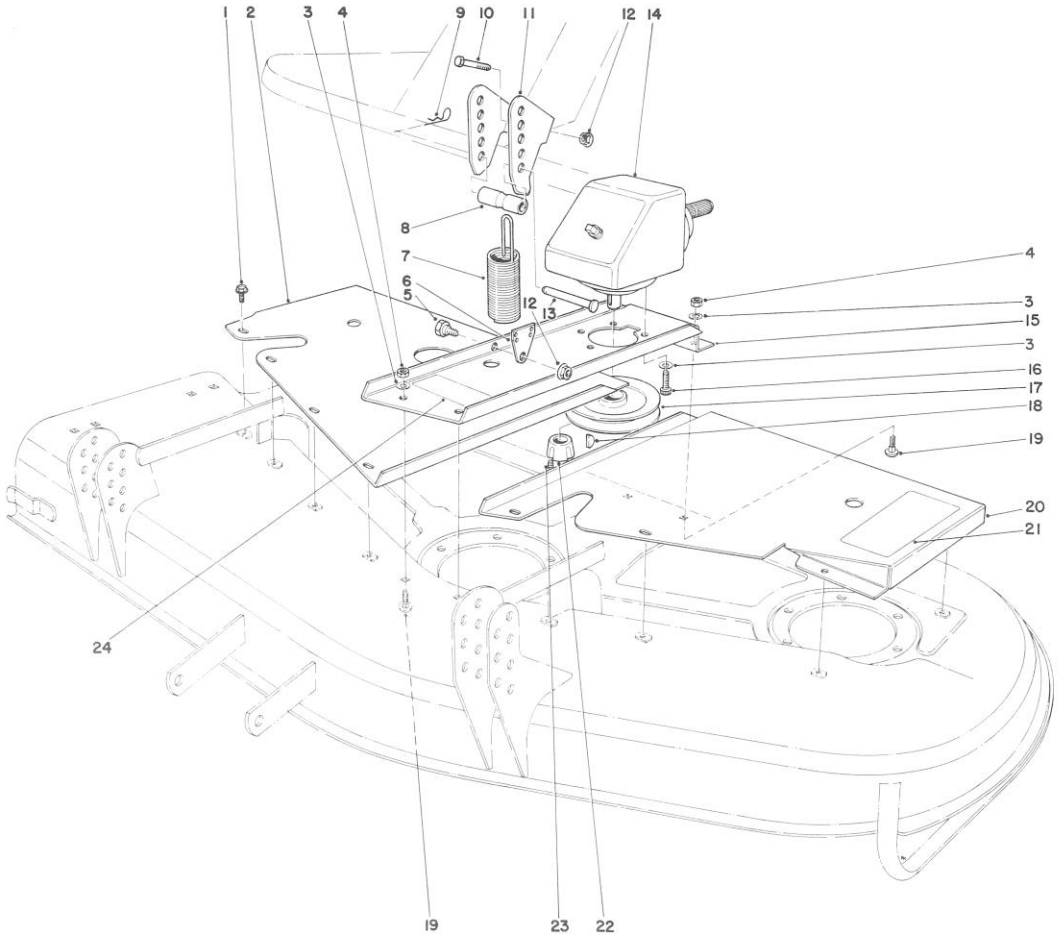
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CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2
2	44-2170	Frame – Deck Suspension (Incl. Ref. #5-6 & 18)	1
3	3290-355	Pin – Hair	4
4	283-55	Pin Clevis	4
5	302-40	Grease Fitting	2
6	256-101	Bushing	4
7	40-9520	Spacer – Split	4
8	40-0330	Cushion – Rubber	2
9	27-1210	Roller Bearing	2
10	27-1200	Spanner Bushing	2
11	27-1180	Bearing Retainer	4

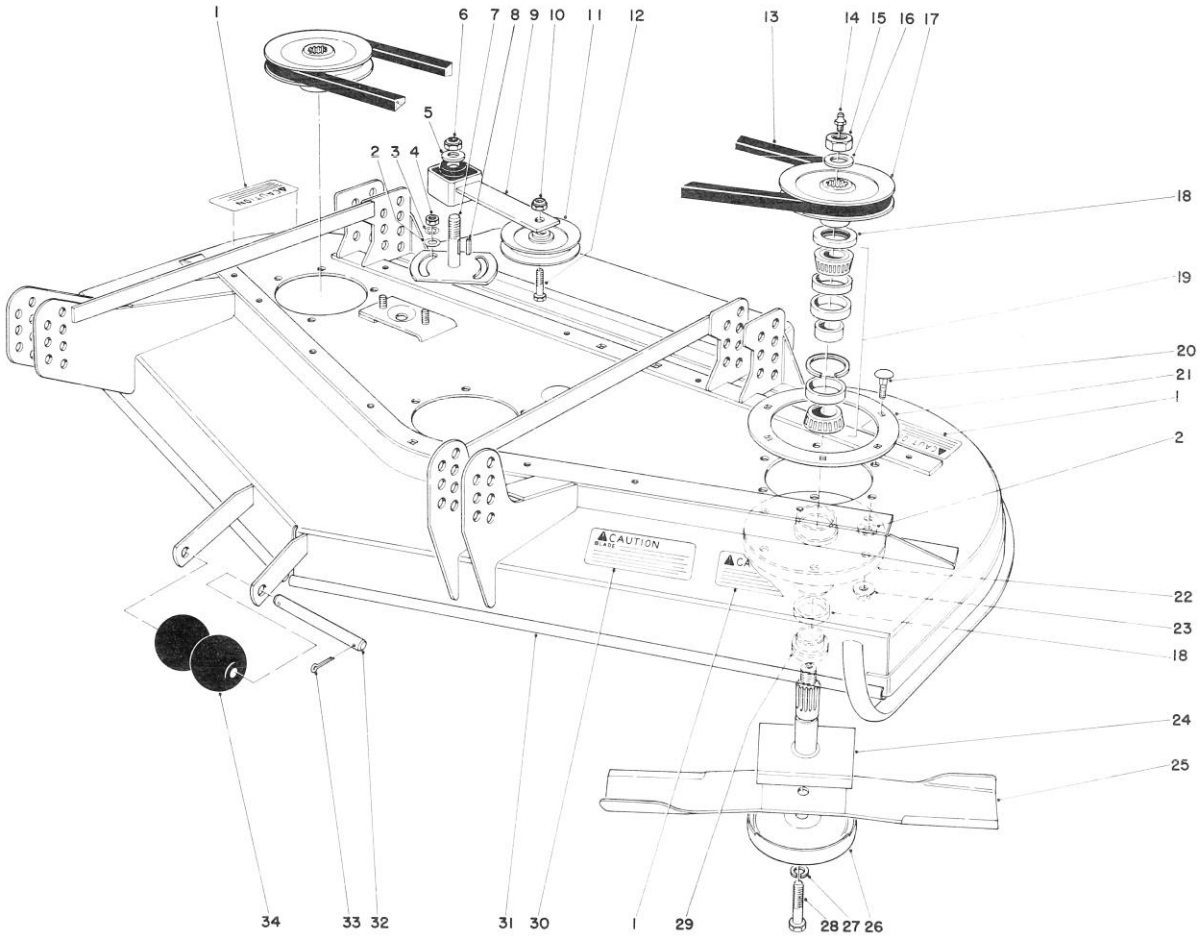
Ref. No.	Part No.	Description	No. Used
12	27-1170	Thrust Washer	4
13	328-9	Screw – Cap Hex. Hd.	2
14	40-0370	Front Castor Fork	2
15	302-55	Fitting – Grease	2
16	27-1050	Wheel Assy. (Incl. Ref. #9-12)	2
17	32153-6	Nut – Lock	2
18	3-6781	Washer – Thrust	8
19	28-9290	Bushing – Special	4
20	302-5	Grease – Fitting	2
21	3296-2	Locknut	4
22	42-6200	Shim Cushion	A/R
23	32122-28	Machine Screw Truss Head	4



CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	46-8560	Self Tapping Screw Hex Hd. w/Locking Flange	11
2	40-0410	Cover R.H.	1
3	3253-21	Lockwasher	9
4	3217-7	Nut	4
5	46-3380	Bolt – Shoulder	1
6	46-3190	End – Spring	1
7	46-3200	Spring – Extension	1
8	40-0300	Spacer	1
9	3290-355	Hair – Pin	1
10	323-11	Capscrew	2
11	46-2620	Bracket – Spring	1
12	3290-357	Nut – Lock Flange	3

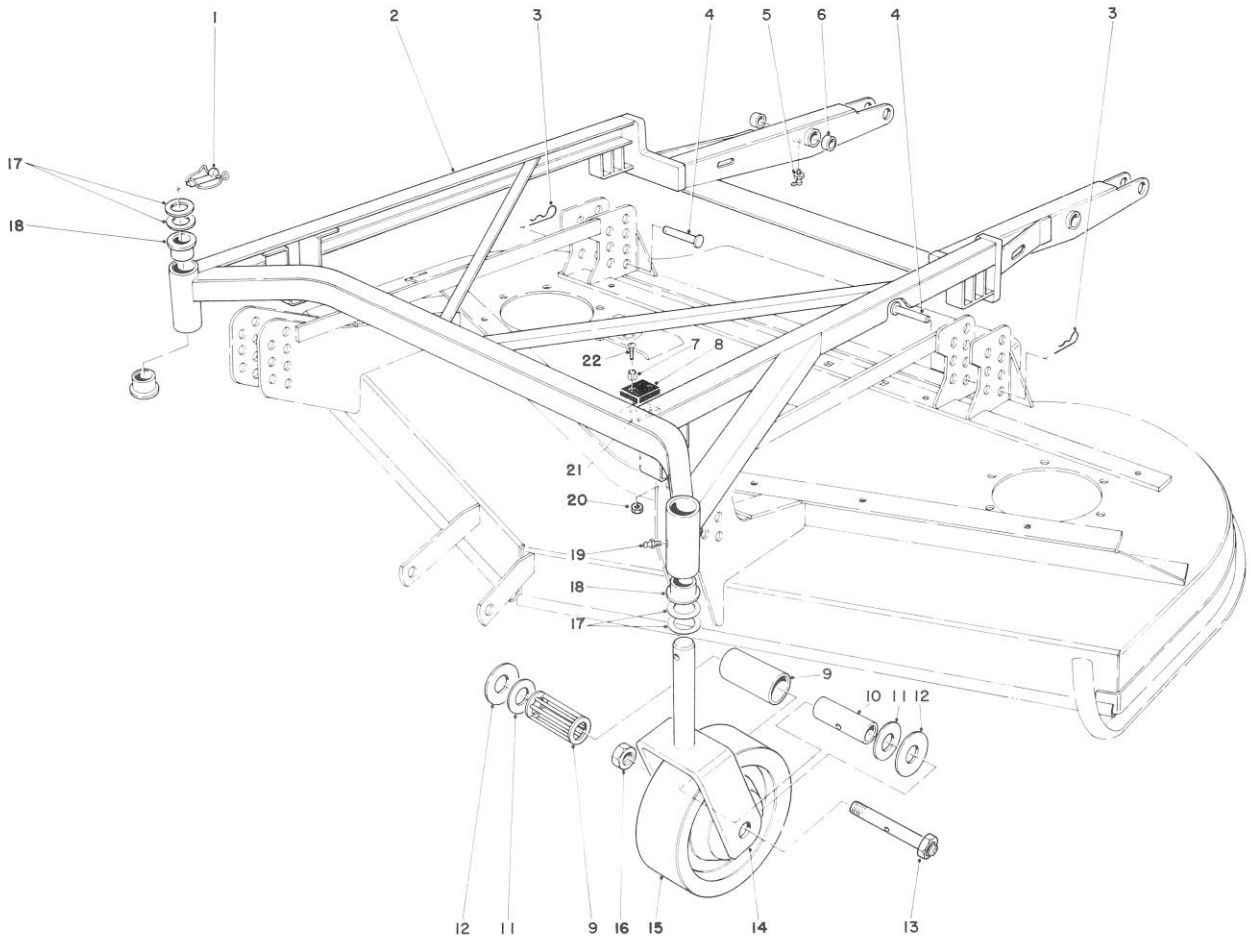
Ref. No.	Part No.	Description	No. Used
13	283-55	Pin – Clevis	1
14	8-0909	Gear Box Assembly	1
15	40-0360	Base – Gear Box	1
16	3274-1	Capscrew – Socket Hd.	5
17	27-6110	Pulley – Gear Box	1
18	3257-5	Key Woodruff	1
19	3231-21	Carriage Bolt	4
20	40-0390	Cover L.H.	1
21	42-6860	Decal – Height of Cut	1
22	27-6140	Bushing – Taper Lock	1
23	3245-9	Set Screw – Socket Hd.	1
24	44-6470	Decal – Caution	1



CUTTING UNIT MODEL NO. 30568

Ref. No.	Part No.	Description	No. Used
1	26-7970	Decal – Caution (Rotating Blades)	3
2	3256-24	Washer – Plain	A/R
3	3253-21	Washer – Lock	2
4	3218-3	Nut – Jam	2
5	3256-27	Washer – Plain	1
6	3296-33	Nut – Lock	1
7	28-9060	Plate – Idler	1
8	5-1077	Key Square	1
9	27-8580	Idler Socket	1
10	3296-5	Nut – Lock	1
11	52-4580	Pulley – Idler	1
12	3211-8	Screw – Cap Hex Hd.	1
13	27-1160	V-Belt	1
14	302-2	Grease Fitting	3
15	32146-20	Nut – Hex Lock Jam	3
16	7-4150	Washer	3
17	27-0970	Pulley	3

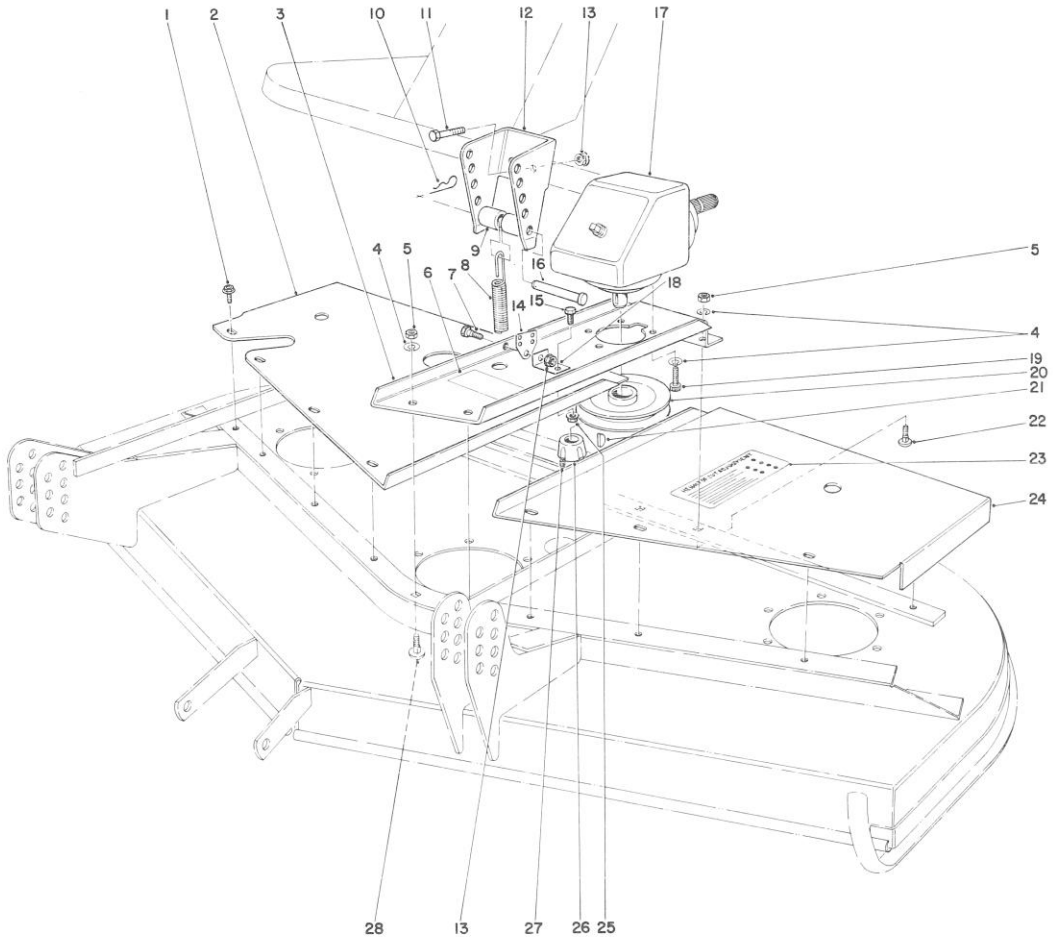
Ref. No.	Part No.	Description	No. Used
18	253-139	Seal – Wave	6
19	46-8530	Bearing Assembly	3
20	3231-22	Bolt – Carriage	18
21	27-7680	Ring Deck Support	3
22	61-4160	Housing – Spindle	3
23	32128-21	Nut – Locking Flange	18
24	27-0920	Spindle Shaft	3
25	27-0990	Blade	3
26	27-1000	Cup – Anti Scalp	3
27	3253-27	Washer – Lock	3
28	44-2200	Screw – Blade	3
29	27-0950	Spacer – Spindle Bearing	3
30	26-7960	Decal – Caution	1
31	42-4650	Cutting Deck	1
32	40-6400	Shaft – Roller	1
33	3272-11	Pin – Cotter	2
34	29-4820	Roller	2



CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Lynch Pin	2
2	44-2170	Frame – Deck Assembly (Incl. Ref. #5, 6 & 18)	1
3	3290-355	Pin – Hair	4
4	283-55	Pin Clevis	4
5	302-40	Grease Fitting	2
6	256-101	Bushing	4
7	40-9520	Spacer – Split	4
8	40-0330	Cushion Rubber	2
9	27-1210	Roller Bearing	2
10	46-8640	Spanner Bushing	2
11	27-1180	Bearing Retainer	4

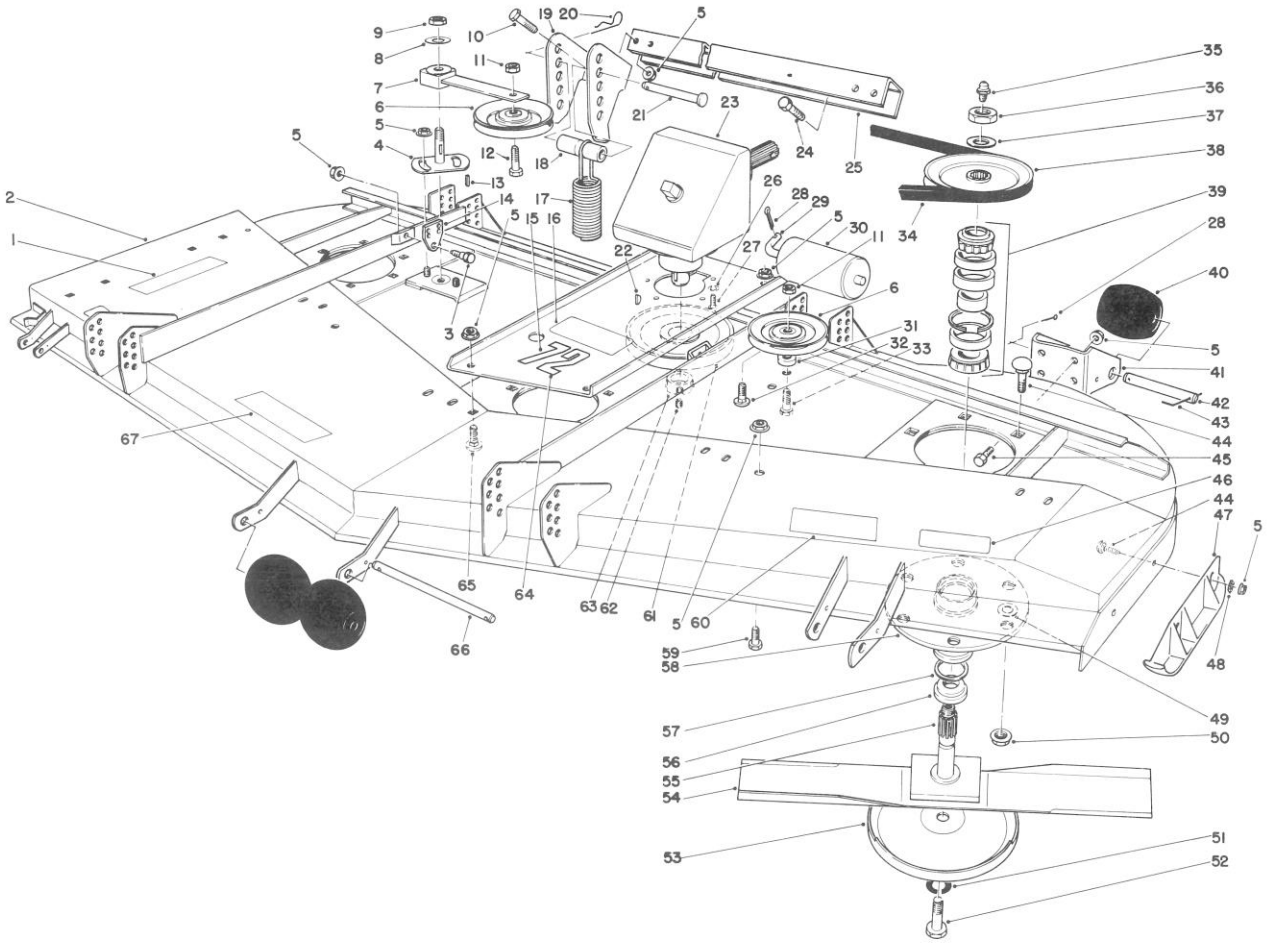
Ref. No.	Part No.	Description	No. Used
12	27-1170	Thrust Washer	4
13	328-9	Axle	2
14	40-0370	Front Castor Fork	2
15	46-8230	Wheel Assembly (Incl. Ref. #9-12)	2
16	32153-6	Nut – Lock	2
17	3-6781	Washer – Thrust	8
18	28-9290	Bushing – Special	4
19	302-5	Fitting – Grease	2
20	3296-2	Nut – Lock	4
21	42-6200	Shim – Cushion	3
22	32122-28	Screw – Machine Truss Hd.	4



CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	46-8560	Screw Self Tapping Flange Hex. Hd.	11
2	40-0410	Cover R.H.	1
3	40-0360	Base – Gear Box	1
4	3253-21	Washer – Lock	9
5	3217-7	Nut	4
6	44-6470	Decal – Caution	1
7	46-3380	Shoulder Bolt	1
8	46-3200	Spring – Extension	1
9	40-0300	Spacer	1
10	3290-355	Pin – Hair	1
11	323-11	Capscrew	2
12	46-2620	Bracket – Spring	1
13	3290-357	Nut – Lock	3
14	46-3190	End – Spring	1

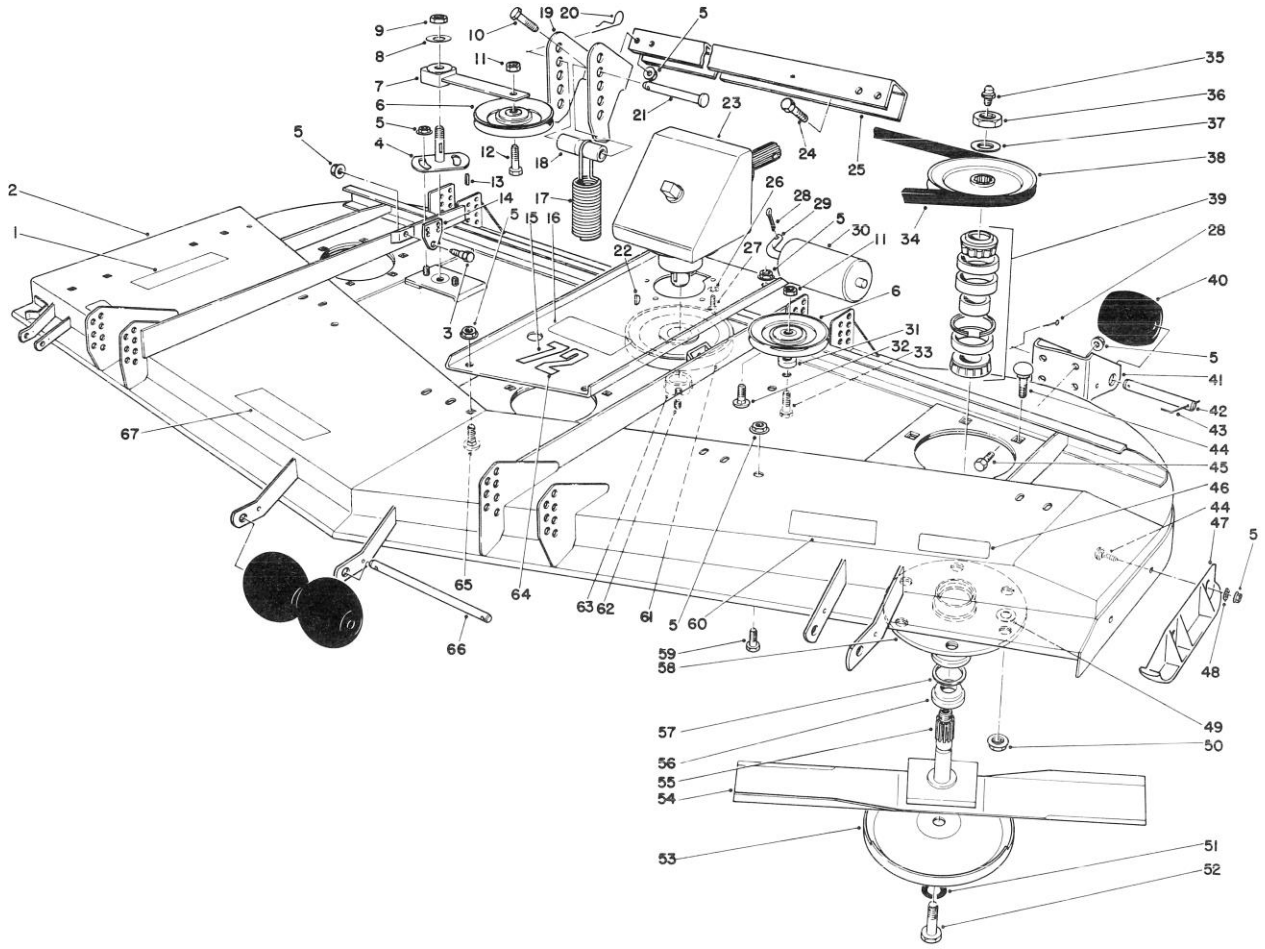
Ref. No.	Part No.	Description	No. Used
15	322-4	Screw – Cap Hex Hd.	2
16	283-55	Clevis Pin	1
17	8-0909	Gear Box	1
18	46-3590	Bracket – Extension	1
19	3274-1	Capscrew Socket Hd.	5
20	27-6110	Pulley	1
21	3257-5	Key Woodruff	1
22	3231-2	Bolt – Carriage	2
23	42-6860	Decal – Height of Cut	1
24	42-4660	Cover L.H.	1
25	32128-20	Nut – Lock Flange Hex	2
26	27-6140	Bushing – Taper Lock	1
27	3245-9	Set Screw Socket Hd.	1
28	3231-27	Bolt – Carriage	2



CUTTING UNIT MODEL NO. 30575

Ref. No.	Part No.	Description	No. Used
1	26-7980	Decal — Caution	1
2	57-0300	Housing	1
3	46-3380	Bolt — Shoulder	2
4	44-6300	Idler Plate	1
5	3290-357	Nut — Lock	22
6	52-4580	Pulley — Idler	2
7	27-8580	Idler Socket & Bushing Assembly	1
8	3256-27	Washer	1
9	3296-33	Nut — Lock	1
10	323-6	Screw — Cap Hex. Hd.	4
11	3296-5	Nut — Lock	2
12	3211-8	Screw — Cap Hex. Hd.	1
13	5-1077	Key Square	1
14	46-3190	End Spring	2
15	57-0540	Base — Gear Box	1
16	44-6470	Decal — Caution	1
17	46-3200	Spring — Extension	2
18	40-0300	Spacer	2
19	46-2620	Bracket — Spring	2
20	3290-355	Hair Pin Cotter	2
21	283-55	Clevis Pin	2
22	3257-5	Key — Woodruff	1

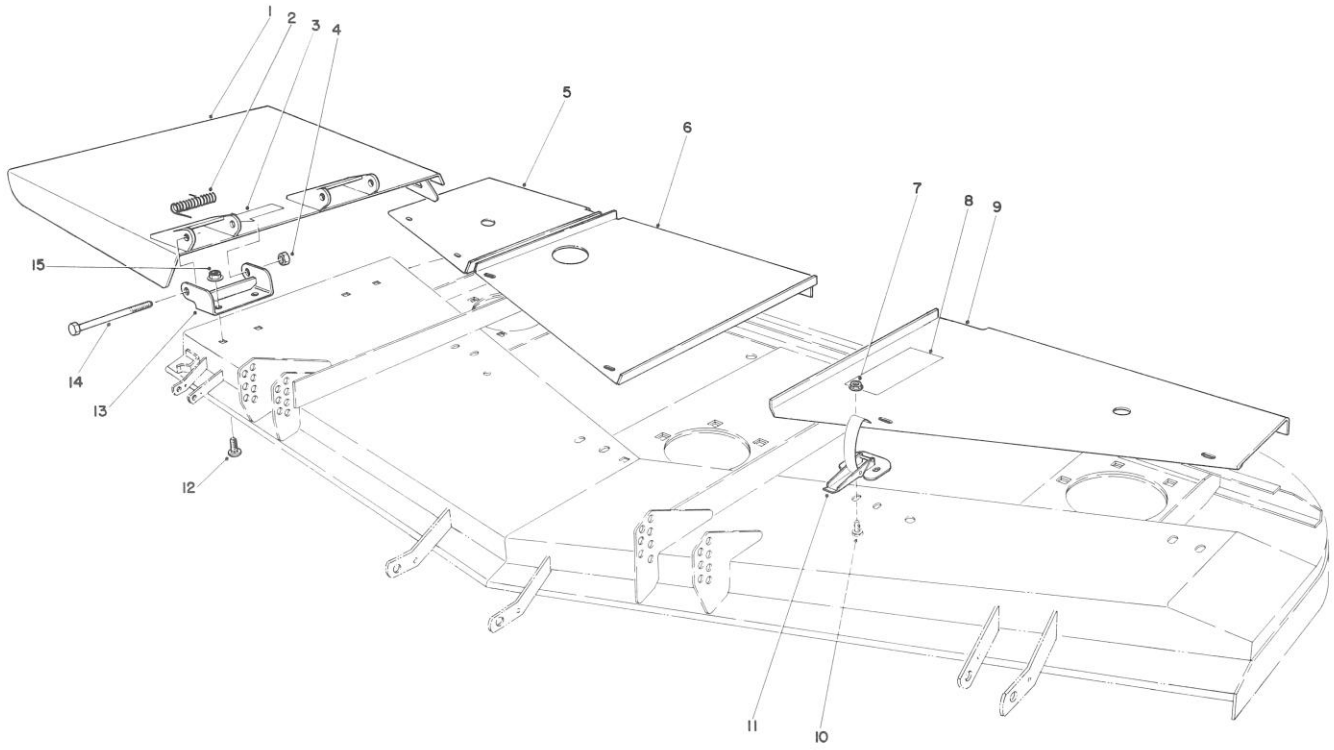
Ref. No.	Part No.	Description	No. Used
23	8-0909	Gear Box	1
24	323-11	Screw — Cap Hex. Hd.	2
25	57-0550	Adapter — Spring Bracket	1
26	3253-21	Washer — Lock	5
27	3274-1	Screw — Cap Socket Hd.	5
28	3272-11	Pin — Cotter	7
29	40-0340	Shaft — Rear Roller	2
30	36-1740	Roller — Deck	2
31	44-6390	Spacer	1
32	3231-27	Bolt — Carriage	2
33	3211-9	Screw — Cap Hex. Hd.	1
34	57-0240	V-Belt	1
35	302-2	Fitting Grease	3
36	32146-20	Nut — Hex Jam	3
37	7-4150	Washer	3
38	57-0560	Pulley	3
39	46-8530	Bearing Assembly	3
40	29-4820	Roller	6
41	57-0580	Bracket — Roller Left Rear	1
*	57-0590	Bracket Roller Right Rear	1
42	57-0680	Roller Shaft	4
43	57-0690	Cotter Pin — Special	5
44	3231-22	Bolt — Carriage	20



CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
45	323-7	Screw — Cap Hex. Hd.	4
46	26-7970	Decal — Caution	2
47	57-0570	Skid	1
48	3290-224	Washer — Lock	2
49	3256-24	Washer	A/R
50	32128-21	Nut — Lock Flange	18
51	3253-27	Washer — Lock	3
52	44-2200	Capscrew Blade	3
53	27-1000	Anti-Scalp Cup	3
54	57-0250	Blade	3
55	27-0920	Spindle Shaft	3
56	27-0950	Spacer — Spindle Bearing	3

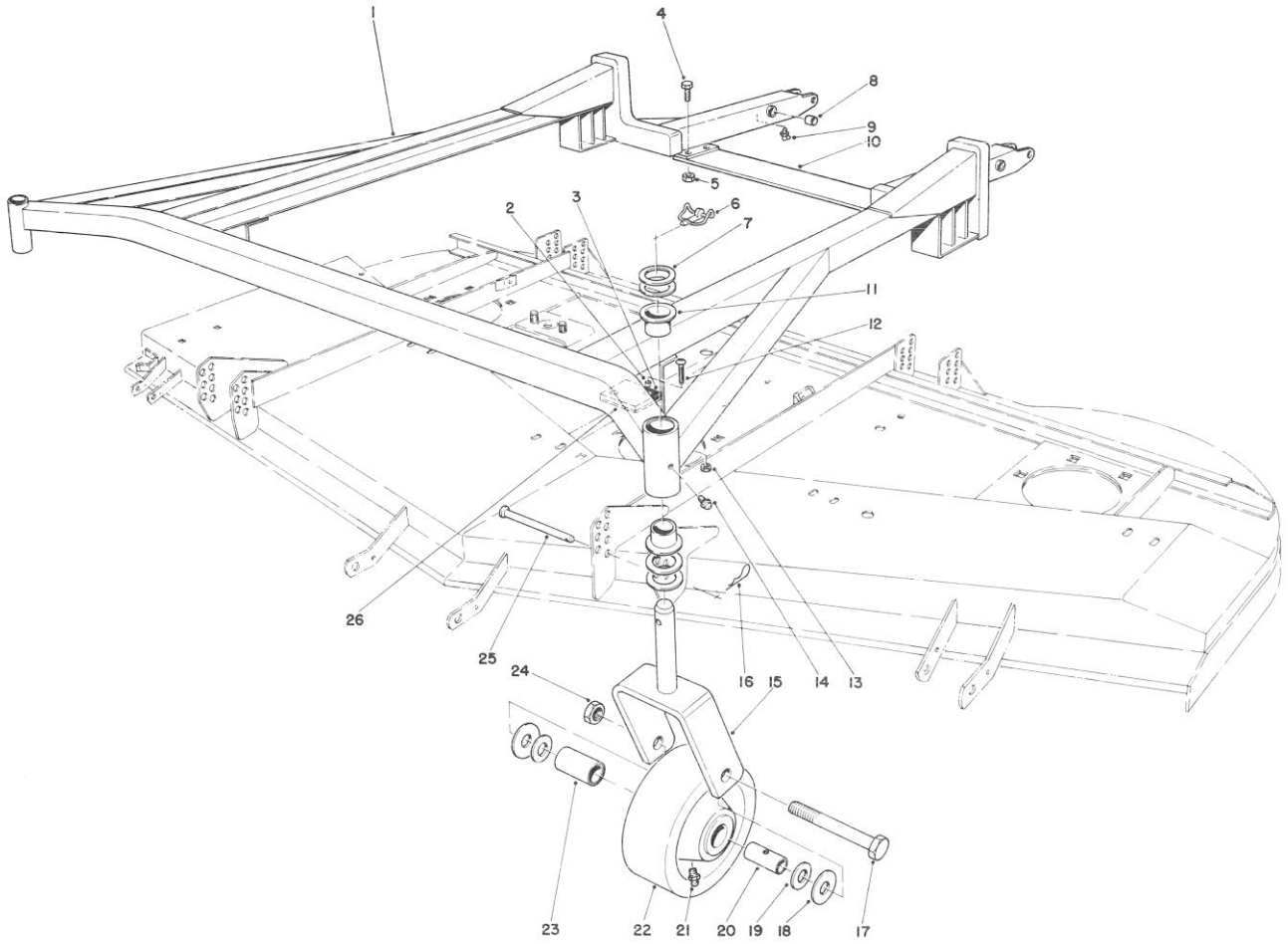
Ref. No.	Part No.	Description	No. Used
57	253-139	Seal — Wave	6
58	61-4160	Spindle Housing	3
59	323-4	Screw — Cap Hex. Hd.	2
60	57-0770	Decal — Rear Weight	1
61	27-6110	Pulley — Gear Box	1
62	3245-9	Screw — Set Socket Hd.	2
63	27-6140	Bushing Taper Lock	1
64	57-0280	Decal — 72	1
65	3231-21	Bolt — Carriage	2
66	40-6400	Shaft — Roller	1
67	57-0270	Decal — Caution	1



CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	52-5790	Deflector	1
2	51-1550	Spring	2
3	26-7120	Decal — Blade Line	1
4	32153-5	Nut — Lock	2
5	57-0230	Cover R.H.	1
6	57-0210	Cover — Center	1
7	32128-17	Nut — Lock	12
8	42-6860	Decal — Height of Cut	1

Ref. No.	Part No.	Description	No. Used
9	57-0220	Cover L.H.	1
10	3290-321	Screw — Machine Hex Slotted	12
11	249-21	Latch — Draw	6
12	3231-27	Bolt — Carriage	4
13	51-1530	Hinge Bracket	2
14	325-17	Screw — Cap Hex. Hd.	2
15	3290-357	Nut — Lock, Hex Flange	4

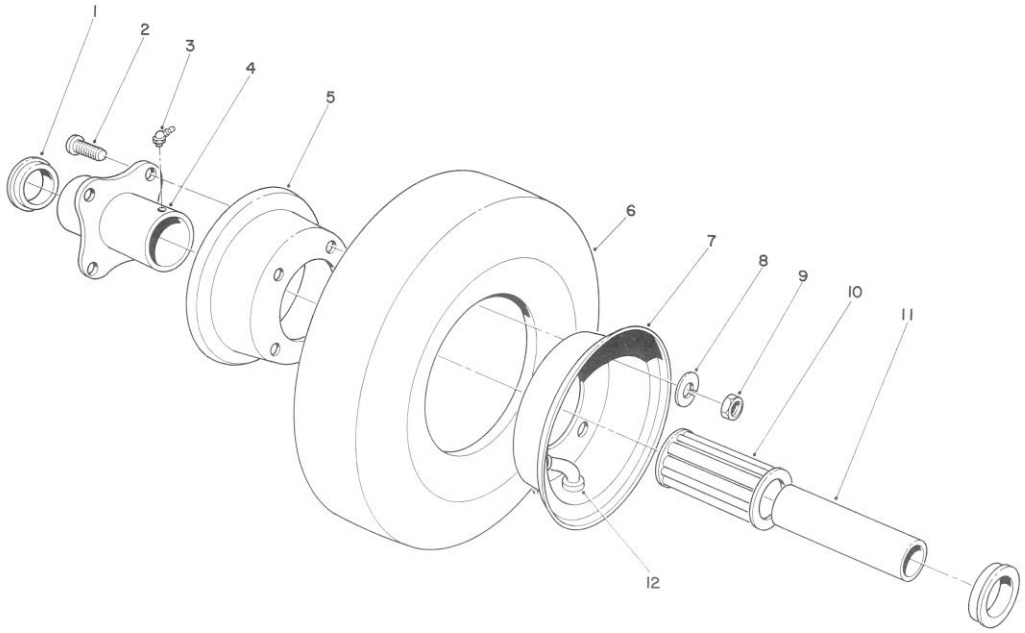


CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	57-0600	Suspension Frame (Incl. Ref. # 4-5, 8-10 & 11)	1
2	40-9520	Spacer — Split	4
3	40-0330	Cushion — Rubber	2
4	323-6	Screw — Cap Hex. Hd.	4
5	32153-2	Nut — Lock	4
6	3290-384	Lynch Pin	2
7	3-6781	Washer — Thrust	8
8	256-101	Bushing	2
9	302-40	Fitting — Grease	2
10	57-0780	Plate — Lift Arm	2
11	28-9290	Bushing — Special	4
12	32122-28	Screw — Machine Truss Hd.	4
13	3296-2	Nut — Lock	4

Ref. No.	Part No.	Description	No. Used
14	302-5	Grease Fitting	2
15	40-0370	Castor Fork	2
16	3290-355	Pin — Hair	4
17	328-9	Screw — Cap Hex. Hd.	2
18	27-1170	Thrust Washer	4
19	27-1180	Bearing — Retainer	4
20	27-1200	Spanner Bushing	2
21	302-55	Grease Fitting	2
22*	27-1050	Castor Wheel Assembly (Incl. Ref. #18-21 & 23)	2
23	27-1210	Roller Bearing	2
24	32153-6	Nut — Lock	2
25	283-55	Pin — Clevis	4
26	42-6200	Shim — Cushion	A/R

Note: See Page 54 for pneumatic caster wheel assembly.

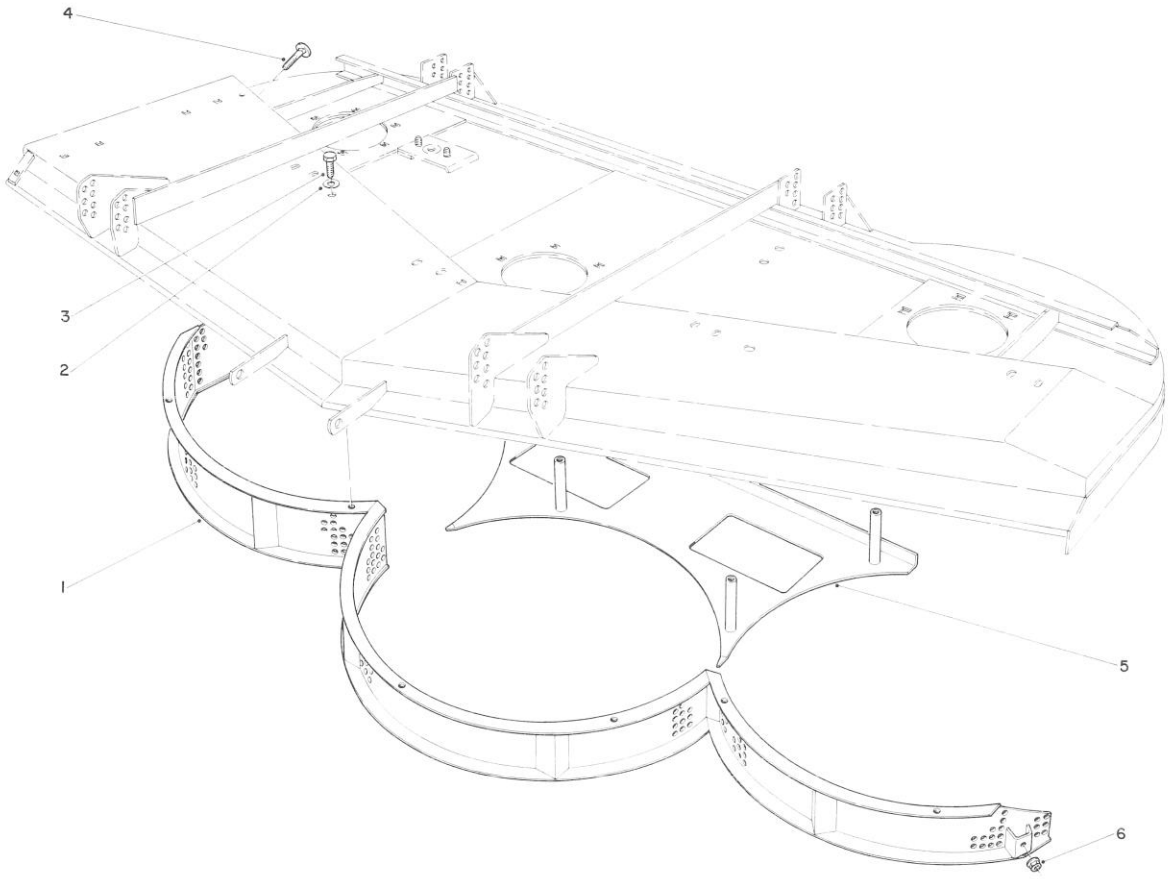


PNEUMATIC CASTER WHEEL ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	54-8840	Retainer	2
2	54-8890	Bolt – Wheel	4
3	302-10	Fitting Grease	1
4	54-8830	Hub – Centered	1
5	54-8910	Wheel Half – Female	1
6	54-8870	Tire	1
7	54-8900	Wheel Half – Male	1

Ref. No.	Part No.	Description	No. Used
8	3253-4	Washer – Lock	4
9	3217-6	Nut – Hex	4
10	54-8850	Bearing – Roller Open Cage	1
11	54-8860	Bushing – Spanner	1
12	54-8880	Tube w/Valve	1
*	54-8820	Caster Assembly (Complete)	2

*Not Illustrated

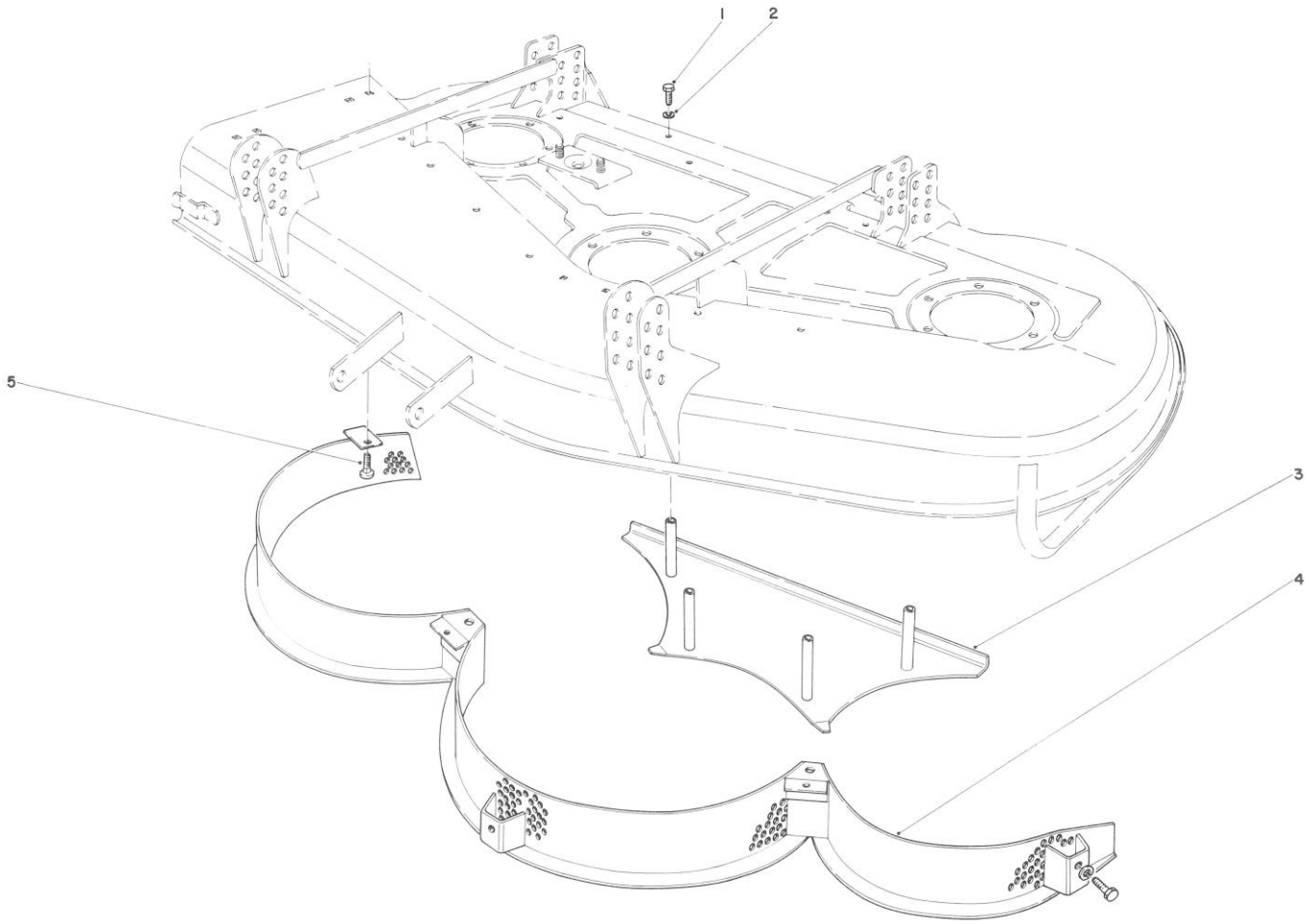


MULCHER KIT MODEL NO. 30792 (Optional)

(Used With Model 30562 Cutting Unit)

Ref. No.	Part No.	Description	No. Used
1	46-3010	Mulcher Screen	1
2	3253-21	Washer – Lock	10
3	323-4	Capscrew – Hex. Hd.	11

Ref. No.	Part No.	Description	No. Used
4	3230-2	Bolt – Carriage	1
5	46-3150	Shelf – Bottom Rear	1
6	3290-357	Nut – Lock Hex Flange	6

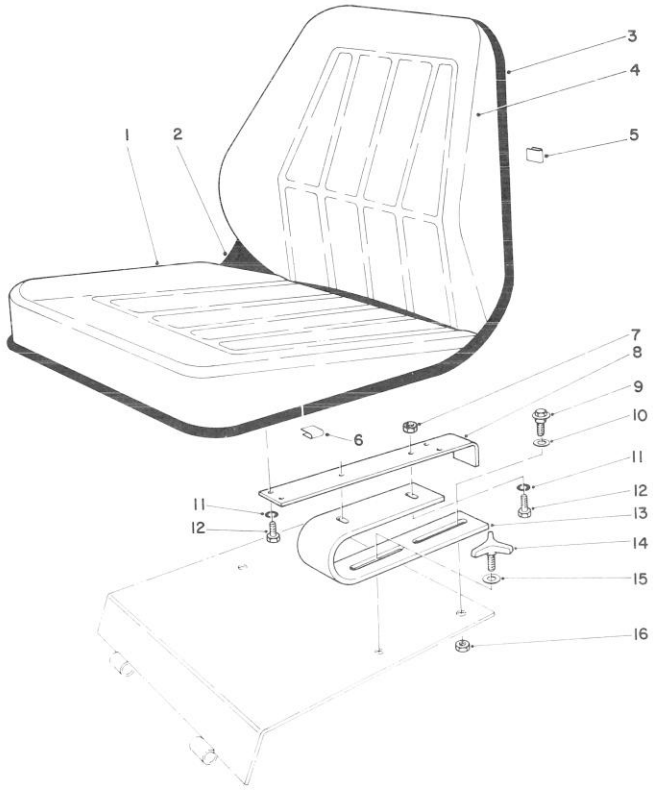


MULCHER KIT MODEL NO. 30700 (Optional)

(For Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	323-6	Capscrew	8
2	3253-21	Lockwasher	8
3	42-6340	Bottom Rear Shelf	1

Ref. No.	Part No.	Description	No. Used
4	42-6310	Mulcher Screen	1
5	3230-1	Carriage Bolt	1



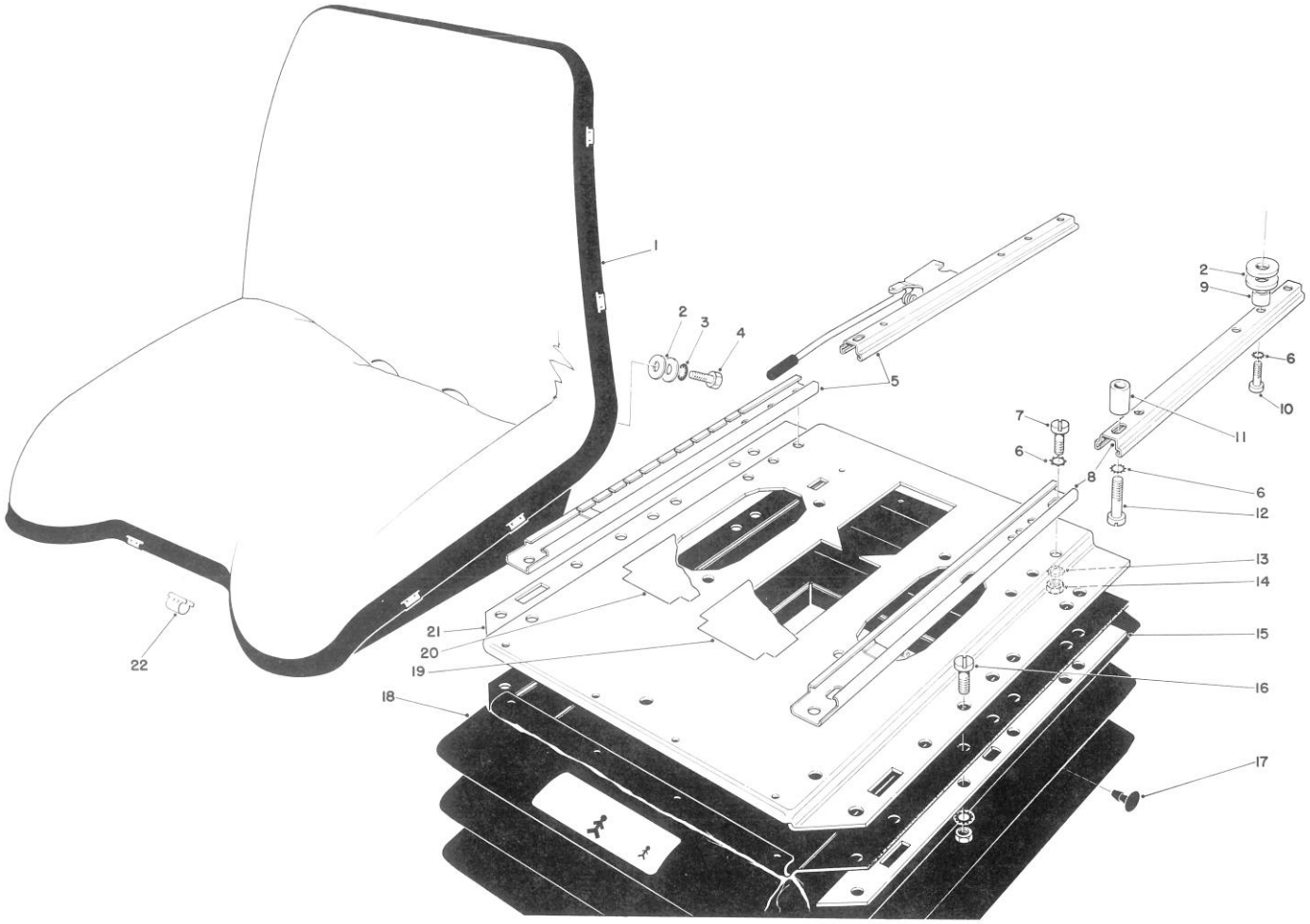
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SEAT KIT NO. 30764

Ref. No.	Part No.	Description	No. Used
1	351-76	Seat – Cushion (Incl. Ref. #5 & 6)	1
2	351-77	Shell	1
3	351-78	Edging	2
4	351-75	Backrest (Incl. Ref. #5 & 6)	1
5	351-79	Clip	6
6	351-80	Clip	1
7	3217-6	Nut – Hex	4
8	46-9120	Mount – Seat	2

Ref. No.	Part No.	Description	No. Used
9	27-5240	Bolt – Shoulder	2
10	3256-26	Washer – Plain	2
11	3253-4	Washer – Lock	8
12	322-5	Screw – Cap Hex Hd.	8
13	46-9110	Spring – Seat	2
14	27-4570	Handle – Adjustment	2
15	36-8020	Washer	2
16	3296-39	Nut – Lock	2
*	49-8130	Seat Assembly (Incl. Ref. #1-6)	1

*Not Illustrated

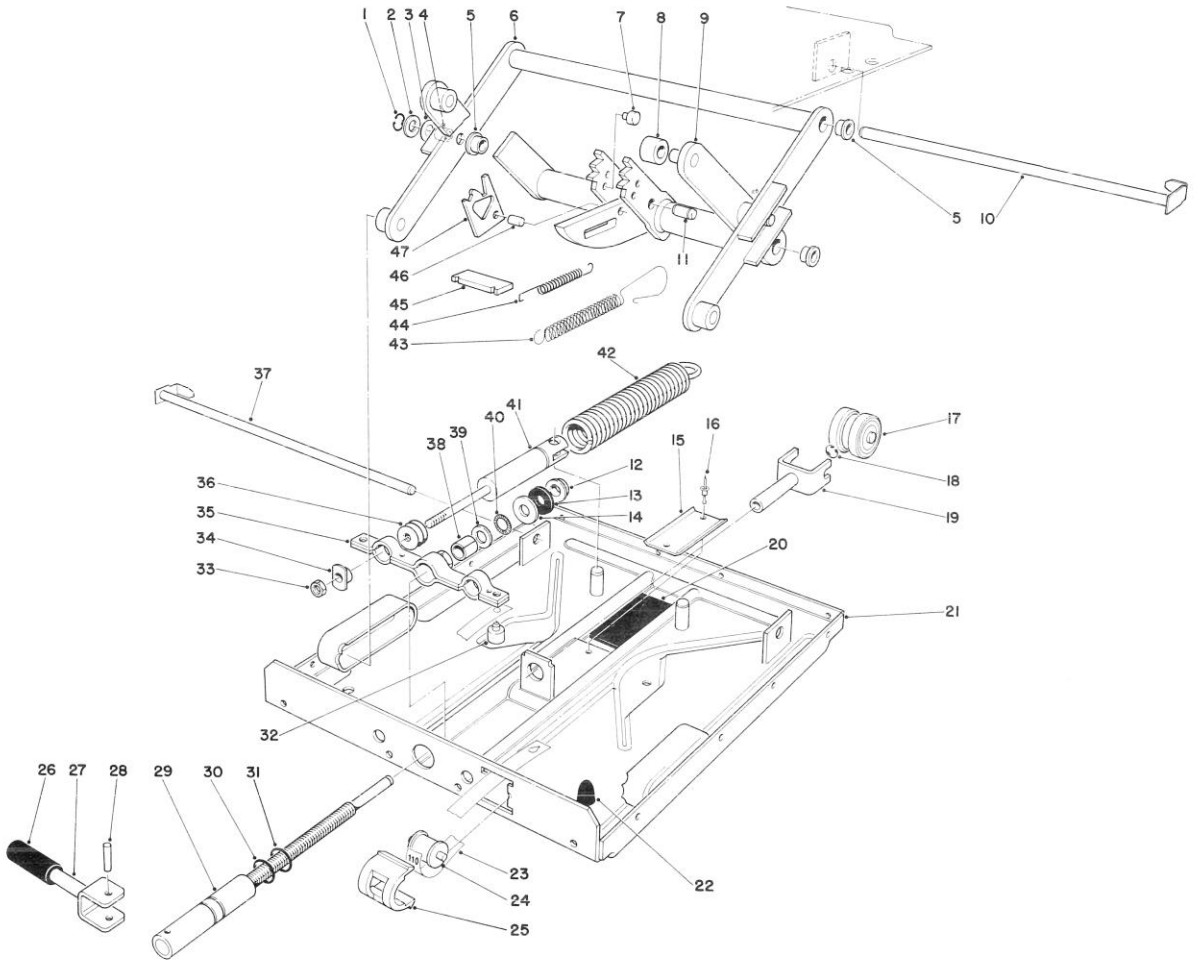


DELUXE SEAT KIT MODEL NO. 30786

Ref. No.	Part No.	Description	No. Used
1	39-5730	Seat Bucket Complete	1
2	39-5690	Washer 13 CM	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 M8X25CM	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

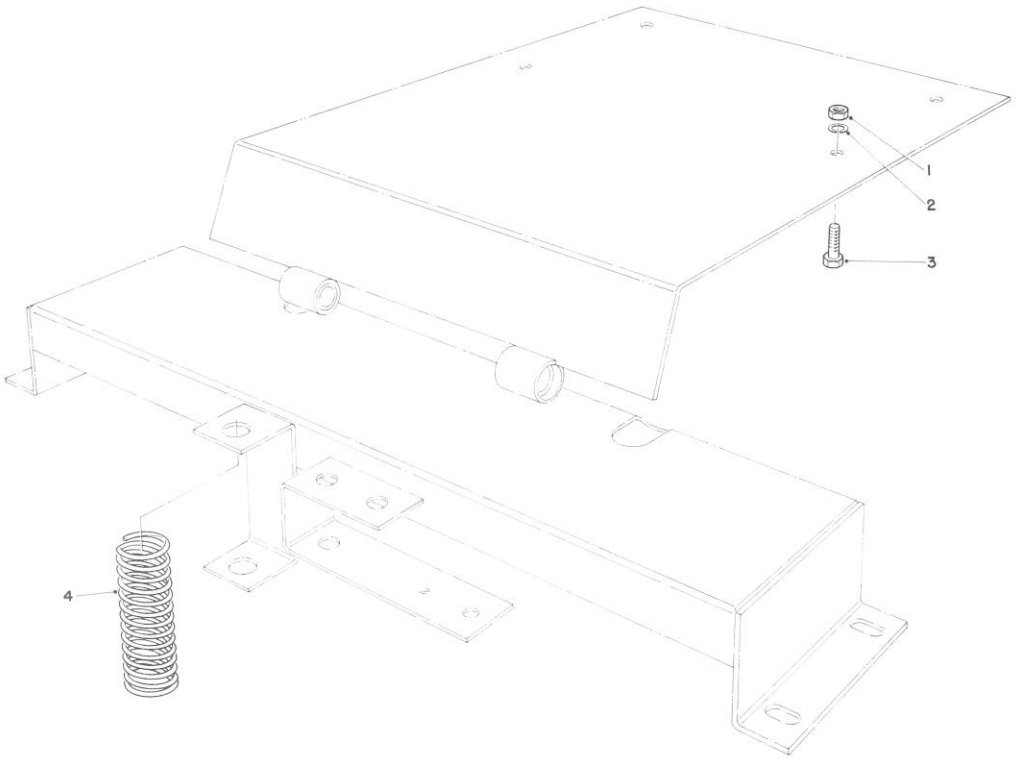
*Not Illustrated



DELUXE SEAT KIT MODEL NO. 30786 (Continued)

Ref. No.	Part No.	Description	No. Used
1	40-3950	Washer	2
2	39-9500	Washer 13 CM	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 08X16CM	2
12	40-4050	Sleeve	1
13	40-4060	Rubber Washer	1
14	40-4070	Washer 8 CM	1
15	40-4080	U-Track	1
16	40-4090	Plate 4X 10CM	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

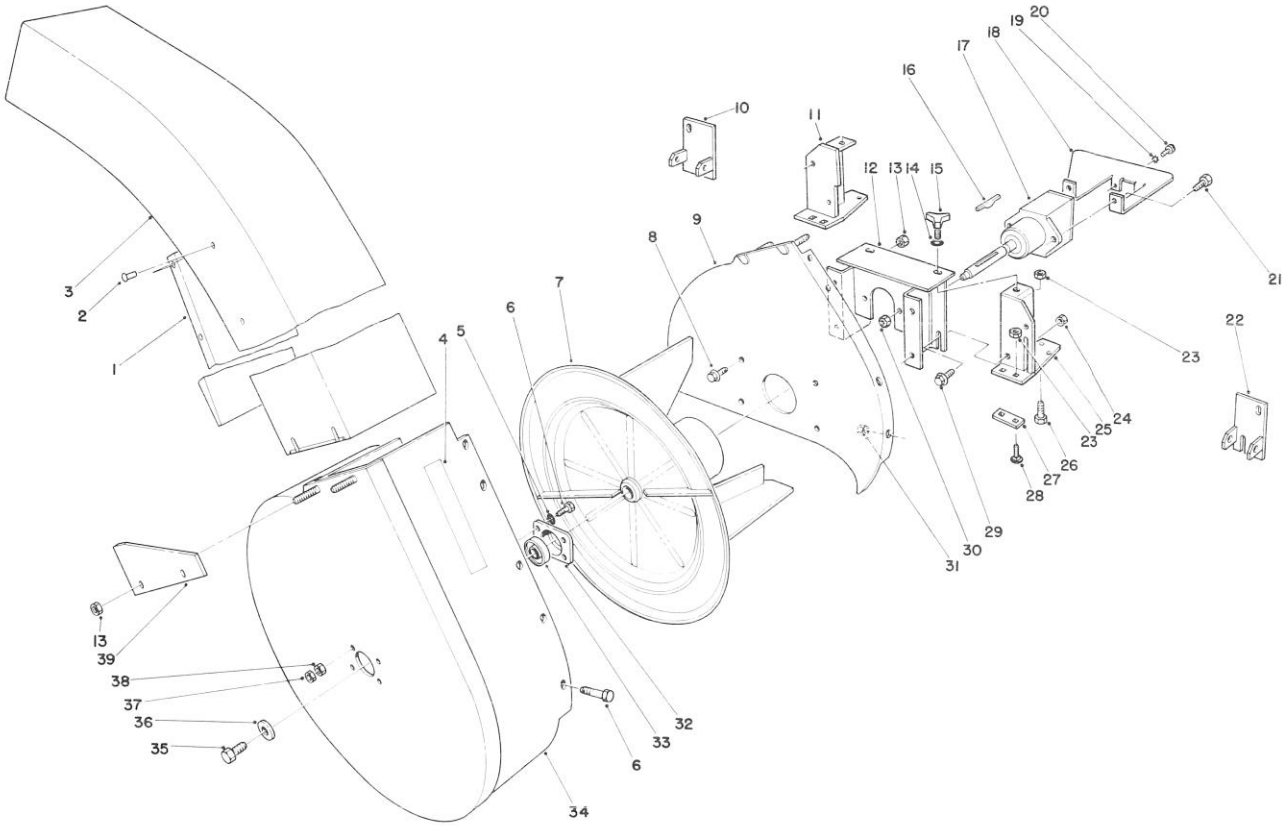
Ref. No.	Part No.	Description	No. Used
23	40-4140	Weight Indicator Band	1
24	40-4150	Roller	1
25	40-4160	Guide Sleeve	1
26	40-4170	Handle	1
27	40-4180	Toggle	1
28	40-4190	Grooved Pin 5X28CM	1
29	40-4200	Pin	1
30	40-4210	Rubber Ring 14CM Black	1
31	40-4220	Rubber Ring 14CM Red	1
32	40-4230	Plug	1
33	40-4240	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 19CM	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	3217-6	Nut	4
2	3253-24	Lockwasher	4

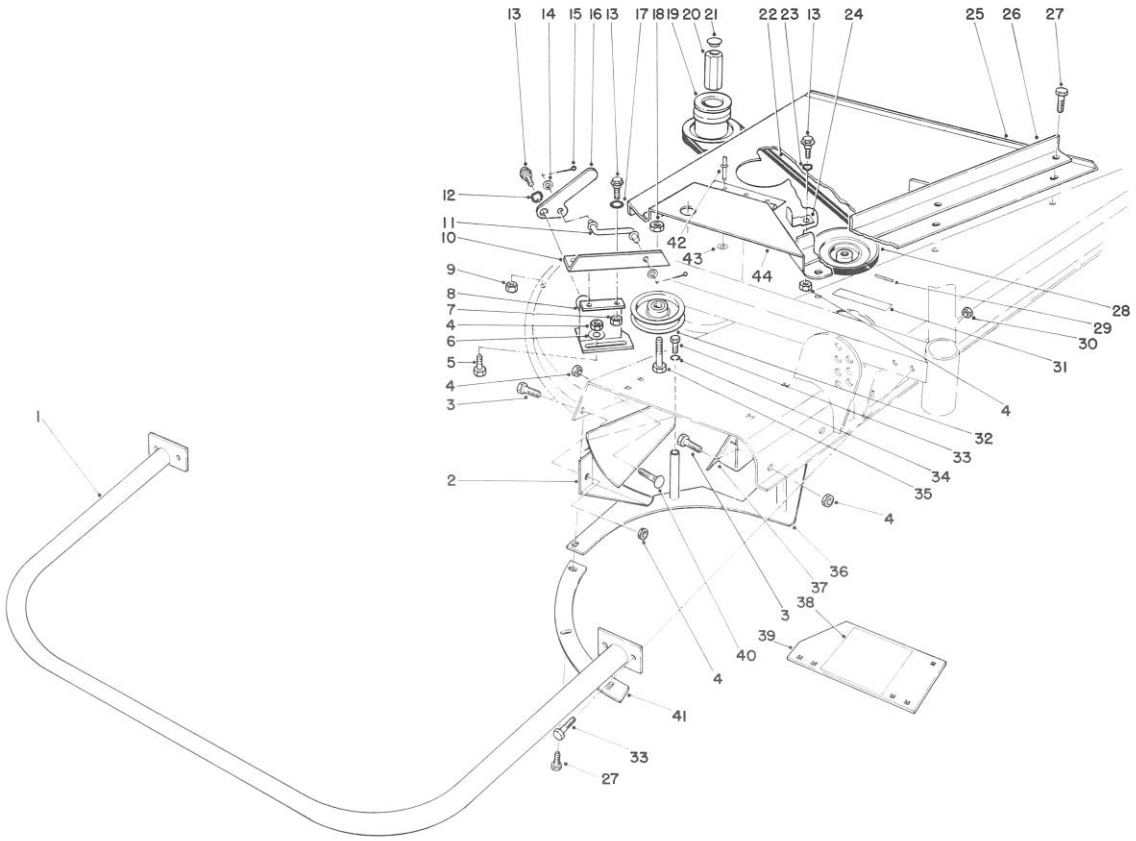
Ref. No.	Part No.	Description	No. Used
3	322-3	Capscrew	4
4	37-9780	Spring – Compression	1



GRASS COLLECTOR MODEL NO. 30558 (Optional)

Ref. No.	Part No.	Description	No. Used
1	44-5290	Deflector — Chute	1
2	3290-409	Rivet	8
3	44-5300	Chute Assembly (Incl. Ref. #1 & 2)	1
4	43-1110	Decal — Warning	1
5	3254-8	Washer — Lock	4
6	321-3	Screw — Hex. Hd.	13
7	56-4780	Impeller	1
8	3234-5	Screw — Flange	4
9	59-5070	Mounting Plate	1
10	59-4980	Pivot Bracket — Deflector L.H.	1
11	59-5050	Bracket L.H.	1
12	59-5140	Blower Mount	1
13	3296-29	Nut	8
14	3256-24	Washer	2
15	27-4571	Knob	2
16	3257-40	Key — Hi Pro	1
17	53-4530	Gear Box Assembly	1
18	59-5150	Cover — Gear Box	1
19	3255-17	Washer — Lock	2

Ref. No.	Part No.	Description	No. Used
20	3290-134	Screw — Machine	2
21	323-7	Screw — Hex. Hd.	2
22	59-5000	Pivot Bracket — Deflector R.H.	1
23	32152-1	Nut — Lock	6
24	3218-3	Nut — Jam	2
25	59-5090	Bracket R.H.	1
26	322-3	Capscrew	2
27	44-5460	Plate — Bracket L.H.	2
28	3230-1	Bolt — Carriage	4
29	3234-11	Screw — Flange	2
30	3296-44	Nut — Hex	2
31	3296-42	Nut — Hex	9
32	37-6730	Cup — Bearing	1
33	38-7820	Ball Bearing	1
34	56-4690	Blower Housing	1
35	36-4030	Screw — Hex. Hd.	1
36	43-0940	Spacer — Blower Hub	1
37	3218-1	Nut — Jam	4
38	3217-5	Nut — Hex	4
39	43-0960	Bracket — Chute	2



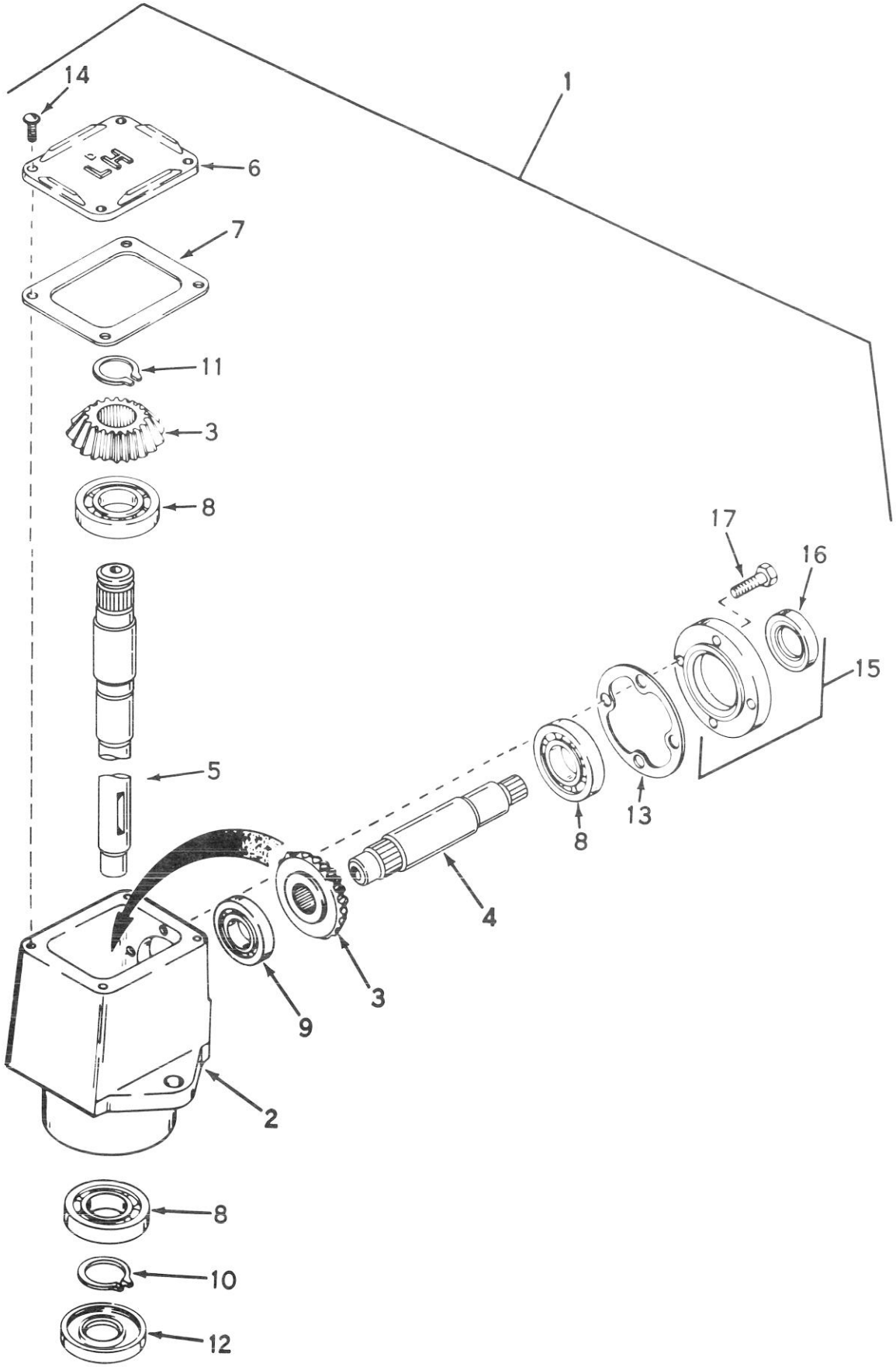
GRASS COLLECTOR MODEL NO. 30558 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	44-7570	Bumper	1
2	43-4060	Deflector — Rear	1
3	322-4	Screw — Hex. Hd.	3
4	32152-1	Nut — Lock	10
5	322-3	Screw Hex. Hd.	3
6	3256-56	Washer — Plain	3
7	3296-29	Nut — Hex	2
8	59-4920	Bracket — Idler Mounting	1
9	32152-4	Nut — Lock	4
10	59-4930	Slide — Idler	1
11	59-4940	Idler Rod	1
12	3290-211	Washer — Spring	1
13	19-1470	Bolt — Shoulder	4
14	3256-23	Washer — Plain	2
15	3272-6	Pin — Cotter	2
16	56-4900	Lever — Idler	1
17	23-1120	Washer — Flat	2
18	3296-44	Nut — Hex	1
19	59-5170	Pulley (Splined)	1
20	59-5190	Nut — Pulley	1
21	59-5310	Cover — Nut	1
22	59-5270	V-Belt	1
23	3290-211	Washer — Spring	1

Ref. No.	Part No.	Description	No. Used
24	59-5290	Latch	1
25	59-5280	Cover — Right	1
26	43-1130	Spring Bracket	1
27	321-4	Capscrew	7
28	56-4810	Pulley — Gear Box	1
29	32121-8	Pin — Roll	1
30	32152-2	Nut — Lock	4
31	43-1120	Decal — Warning	1
32	56-4920	Pulley — Idler	1
33	323-6	Capscrew	8
34	3253-21	Washer — Lock	4
35	323-7	Screw — Hex. Hd.	1
36	44-7770	Rear Shelf	1
37	46-2350	Front — Deflector	1
38	40-5730	Decal — Caution	1
39	44-5750	Cover Plate Assembly (Incl. Ref. #38)	1
40	3230-1	Carriage Bolt	2
41	44-7780	Shelf R.H.	1
42	3290-409	Rivet — Pop	2
43	3256-21	Washer	2
44	61-8630	Cover Pulley	1
*	44-5480	Blade — High Sail (18")(Optional)	1

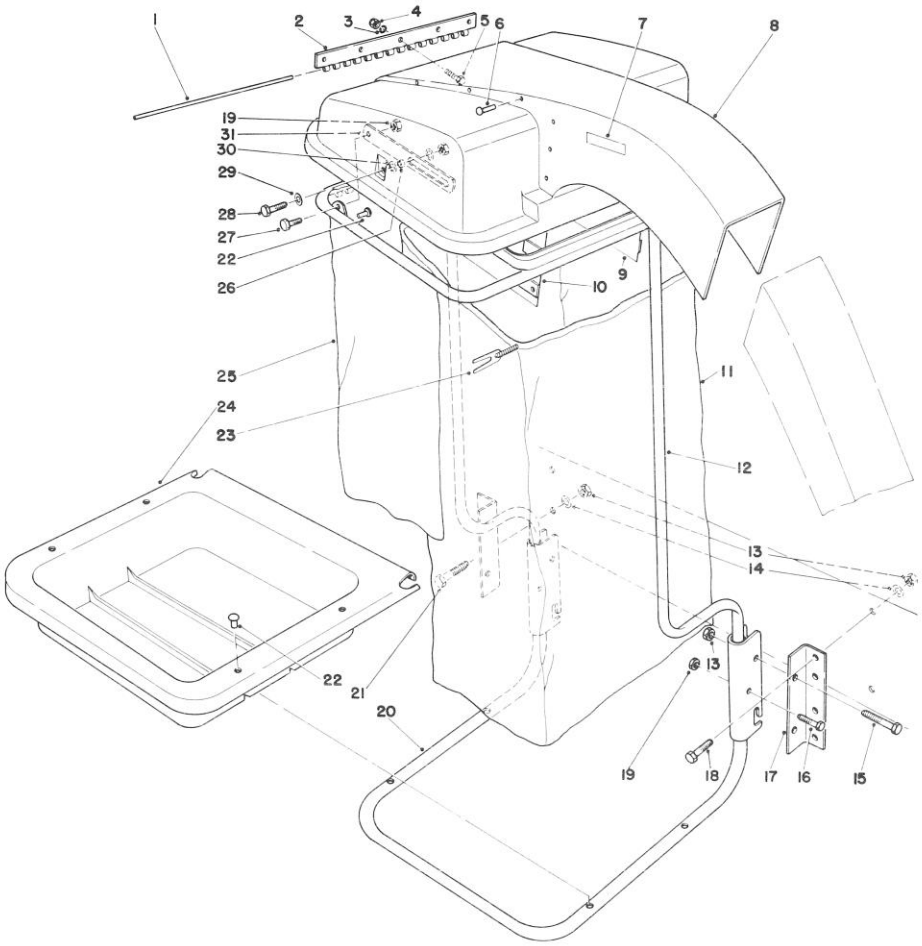
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GRASS COLLECTOR MODEL NO. 30558 (Optional) (Continued)



GRASS COLLECTOR MODEL NO. 30558 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	794402	Head Assy., Left Hand (Incl. Ref. #2-15)	1
2	770026A	Housing, Right Angle Drive	1
3	778046	Gear, Miter	2
4	776250	Shaft, Input	1
5	776249	Shaft, Output	1
6	772035	Cover	1
7	788028	Gasket, Cover	1
8	780034	Bearing, Ball	3
9	780024	Bearing, Ball	1
10	788019	Ring, Snap	1
11	788018	Ring, Snap	1
12	788029	Seal, Oil	1
13	788030	Gasket, Cap	1
14	792025	Screw, Rd. Hd. Self-Tap	4
15	786029	Cap & Seal Assy., Retainer (Incl. Ref. #16 & 17)	1
16	788031	Seal, Oil	1
17	792026	Screw, Hex. Hd.	4



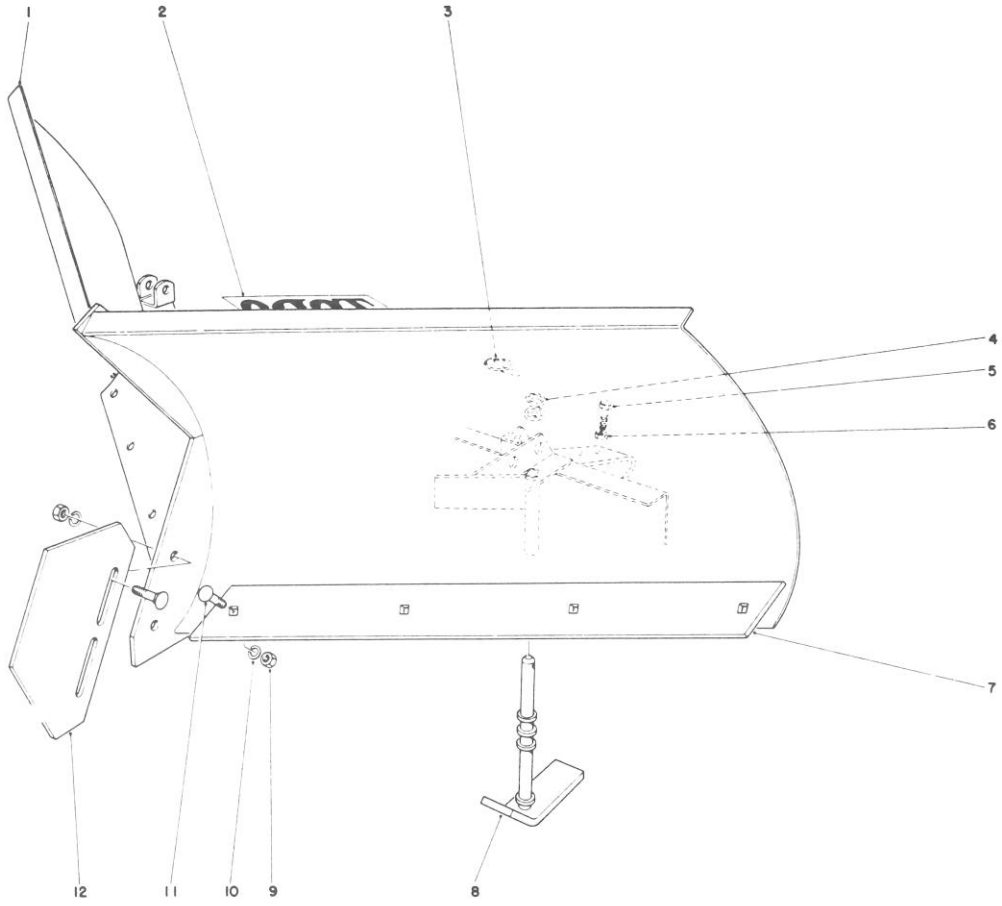
GRASS COLLECTOR MODEL NO. 30558 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	43-1000	Hinge Pin — Hood	1
2	43-0610	Hinge Half	1
3	3256-14	Washer — Flat	5
4	3296-2	Nut — Lock	5
5	3290-134	Screw — Machine Hex. Hd.	5
6	3290-412	Rivet — Pop	14
7	43-1100	Decal — Caution	2
8	11-2829	Hood Assembly (Incl. Ref. #2-7 & 9-10)	1
9	43-0600	Screen — Left Hand	1
10	43-0570	Screen — Right Hand	1
11	43-0990	Bag — Cloth 32" (7 bushel capacity)	1
*	43-0980	Bag — Cloth 38" (10 bushel capacity) (optional)	1
12	43-0620	Support Tube Assembly — Upper (Incl. Ref. #22 & 25)	1
13	32152-2	Nut — Lock	12
14	3256-3	Washer — Plain	8
15	323-11	Screw — Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
16	322-11	Screw — Cap Hex. Hd.	2
17	43-1010	Bracket — Frame	4
18	323-7	Screw — Cap Hex. Hd.	7
19	32152-1	Nut — Lock	6
20	43-0720	Support Tube Assembly — Lower (Incl. Ref. #22 & 24)	1
21	323-10	Screw — Cap Hex. Hd.	1
22	3290-409	Rivet — Pop	21
23	3-2781	Cord Retainer	1
*†	36-7770	Cord Retainer (optional)	1
24		Tray — Lower	1
25		Skirt — Bagging Frame	1
26	43-1020	Spacer — Pivot Arm	2
27	322-3	Screw — Hex. Hd.	2
28	322-4	Screw — Hex. Hd.	2
29	3256-56	Washer — Flat	2
30	3256-57	Washer — Fender	4
31	43-1050	Stop — Hood	2
*	44-9720	Template — Bracket	1

*Not Illustrated

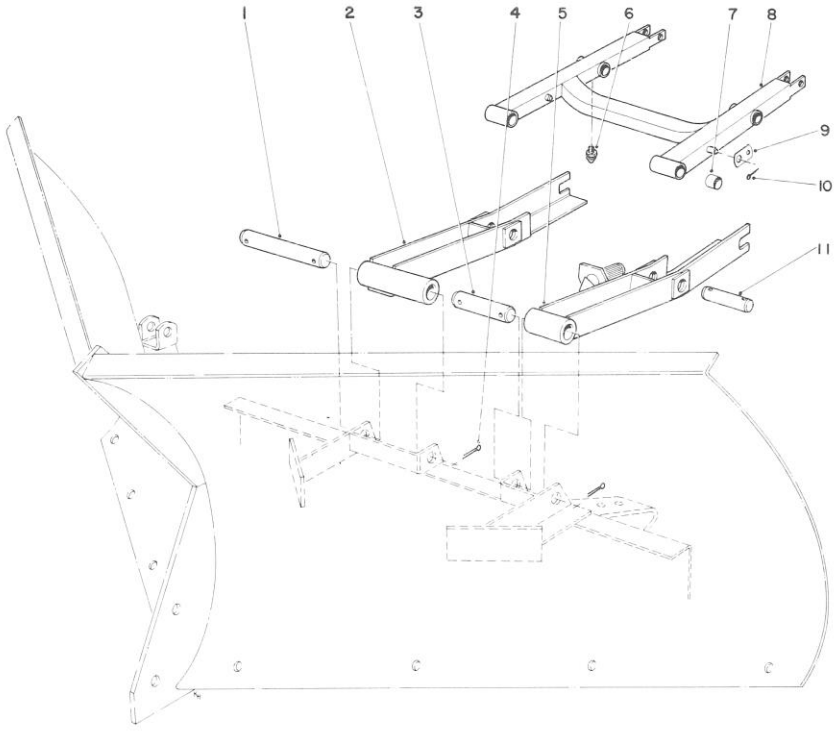
†For use with 30 gallon plastic bag.



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



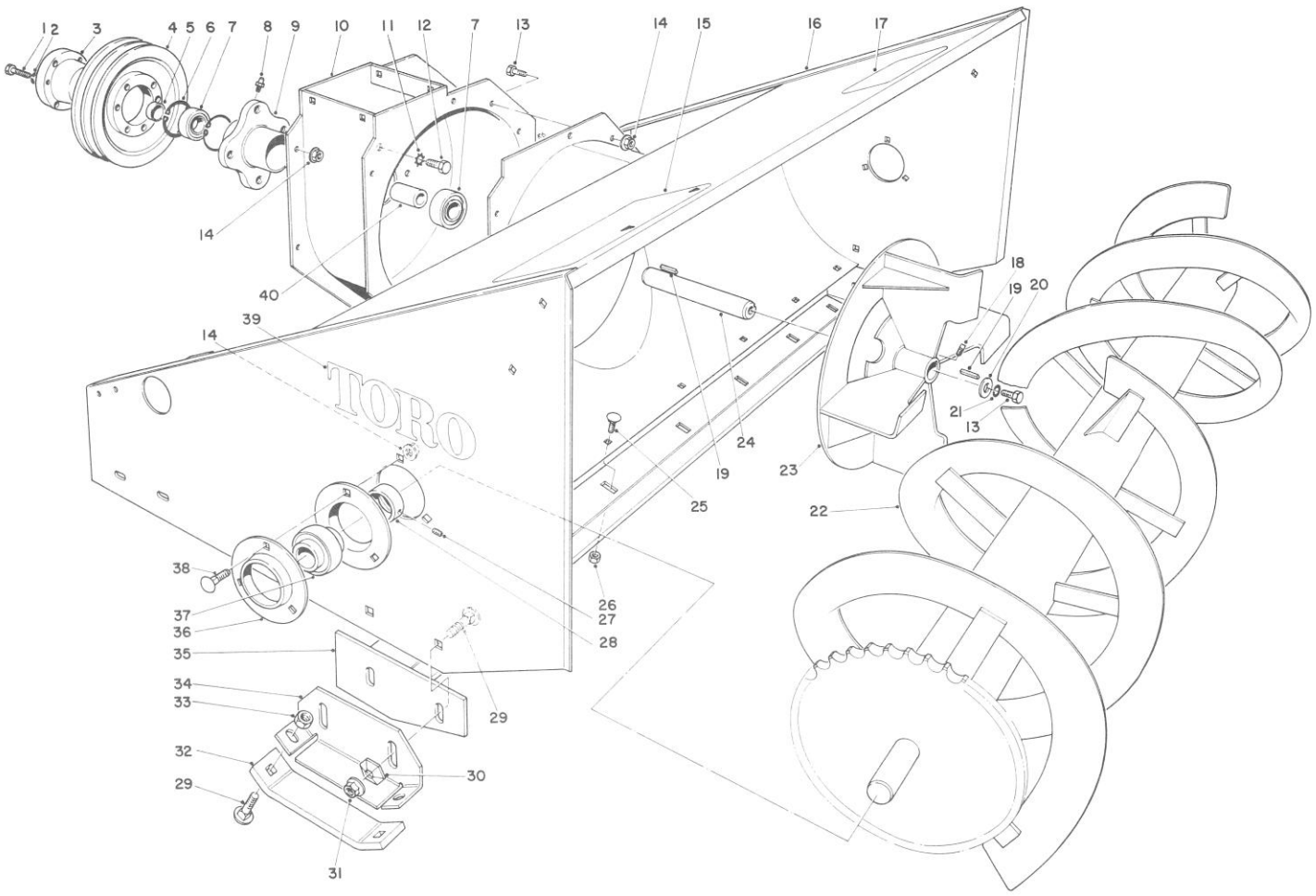
V-PLOW INSTALLATION KIT MODEL NO. 30755 (Optional)

Ref. No.	Part No.	Description	No. Used
1	28-5490	Pin R.H.	1
2	28-5510	Push Arm R.H.	1
3	25-1350	Pin L.H.	1
4	3272-23	Cotter Pin	8
5	28-5500	Push Arm L.H.	1
6	302-53	Grease Fitting	2

Ref. No.	Part No.	Description	No. Used
7	256-101	Bushing	8
8†	27-4270	Lift Arm (Incl. Ref. #6 & 7)	1
9†	27-5270	Strap Brake Spring	2
10†	3272-12	Cotter Pin	2
11	28-6460	Pin	2
*	28-5470	Tire Chains	2

*Not Illustrated

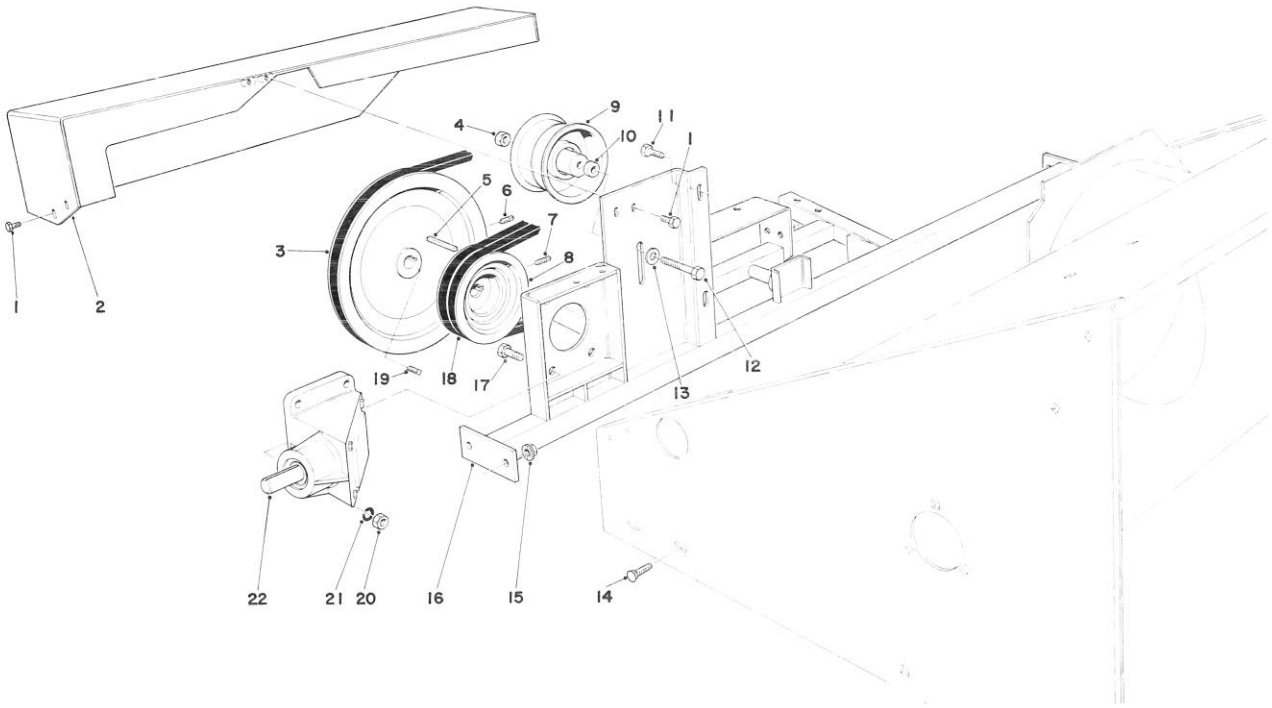
†Parts must be ordered for mounting V-Plow on Model No. 30793 order parts separately.



48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	321-3	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	57-0910	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

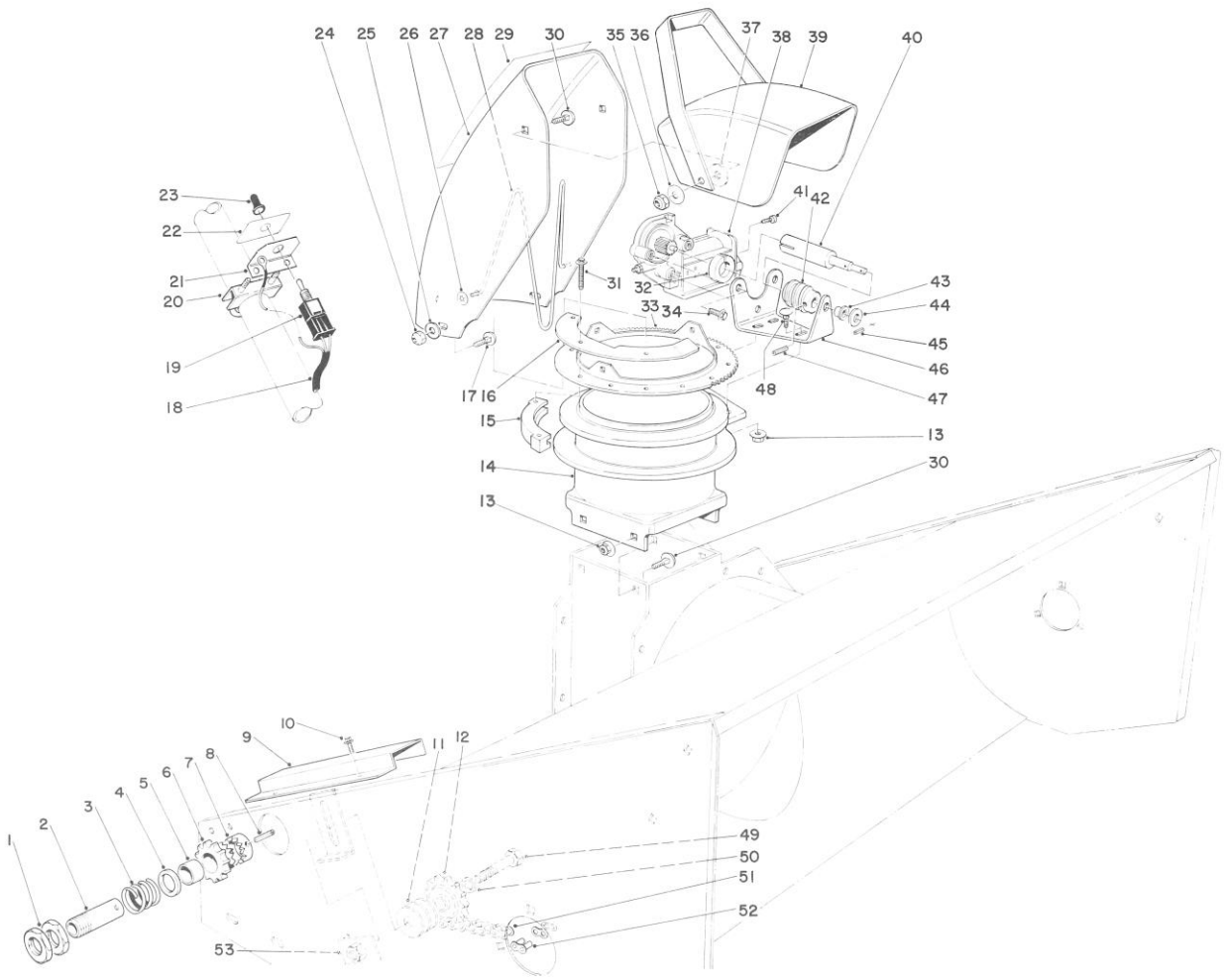
Ref. No.	Part No.	Description	No. Used
21	3253-4	Lockwasher	1
22	32-6140	Auger	1
23	32-6130	Impeller	1
24	37-5240	Shaft – Impeller	1
25	3230-19	Carriage Bolt	7
26	3296-47	Locknut	7
27	3245-1	Set Screw	2
28	251-77	Locking Collar	2
29	3231-2	Carriage Bolt	8
30	3290-224	Pyramidal Lockwasher	4
31	32128-18	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)

Ref. No.	Part No.	Description	No. Used
1	3234-13	Flange Screw	4
2	37-5510	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

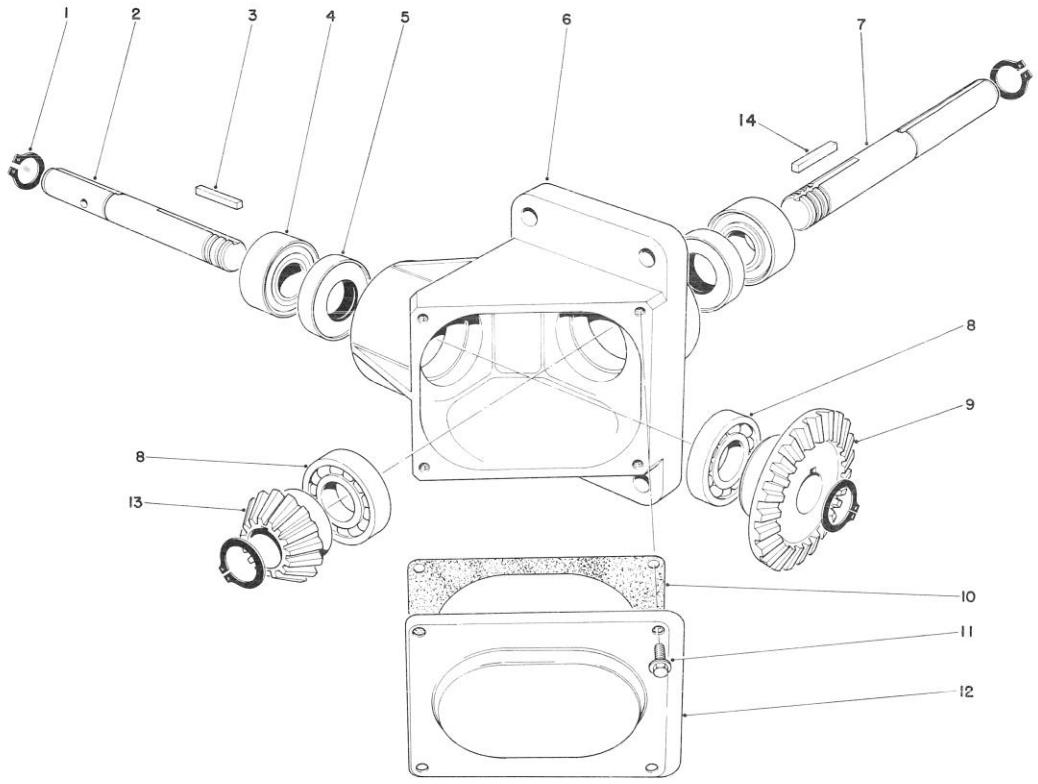


48" SNOWTHROWER MODEL NO. 30570 (Optional)

Ref. No.	Part No.	Description	No. Used
1	37-5720	Nut – Thin	2
2		Clutch Sleeve	1
3		Spring Compression	1
4		Spacer	1
5		Bushing	1
6		Clutch Sprocket	1
7		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		Toggle Switch	1
20		Toggle Switch Mount	1
21	39-4970	Decal – Chute Rotation	1
22	218-473	Toggle Switch Boot	1
23	3296-47	Locknut	3
24	3256-23	Flatwasher	3
25	3290-326	Pushnut	2
26	25-5440	Upper Chute	1
27	12-2040	Chute Wire	1
28	29-6350	Decal – Warning	1

Ref. No.	Part No.	Description	No. Used
29	3231-27	Carriage Bolt	6
30	27-0220	Special Screw	12
31	39-4940	Collar	1
32	39-4890	Ring – Chute Swivel	1
33	3234-13	Flange Screw	3
34	32152-2	Locknut	2
35	3290-340	Belleville Washer	2
36	20-4320	Rubber Washer	2
37	39-4920	Gearmotor	1
38	11-7120	Deflector	1
39	39-4930	Shaft – Worm Gear	1
40	3274-26	Socket Head Screw	1
41	8-8600	Worm Gear	1
42	256-255	Bushing	1
43	3256-1	Flatwasher	2
44	32121-20	Roll Pin	1
45	39-4910	Motor Mount	1
46	32121-50	Roll Pin	1
47	3231-2	Carriage Bolt	3
48	327-6	Capscrew	1
49	3253-8	Lockwasher	1
50	30-0160	Chain – Roller	1
51	2710-11	Connecting Link	1
52	30-0450	Nut Plate	1
*	37-5640	Slip Clutch (Incl. Ref. #1-8)	1
*	39-4950	Toggle Switch Assembly (Incl. Ref. #19-22)	1

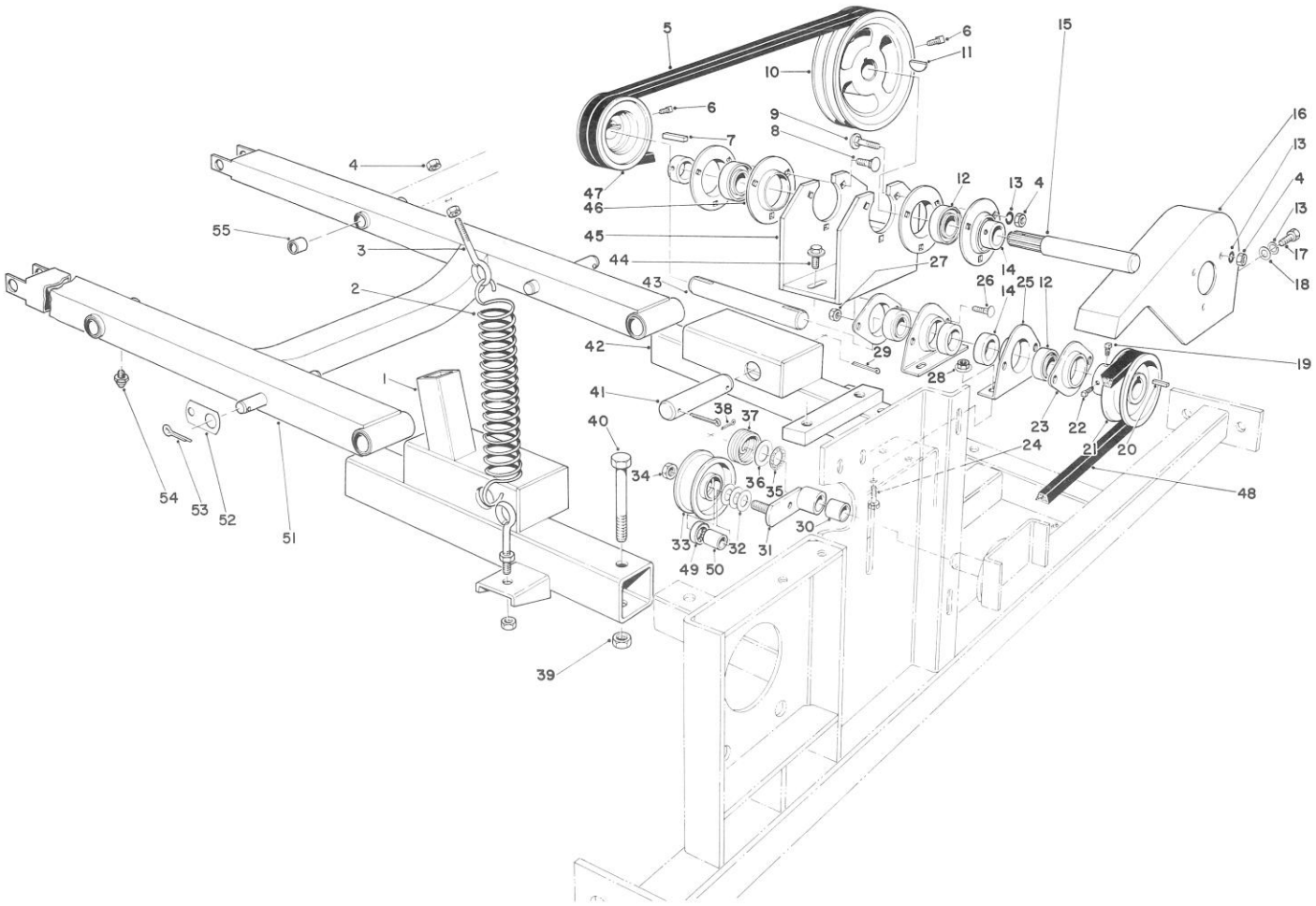
*Not Illustrated



48" SNOWTHROWER MODEL NO. 30570 (Optional)

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



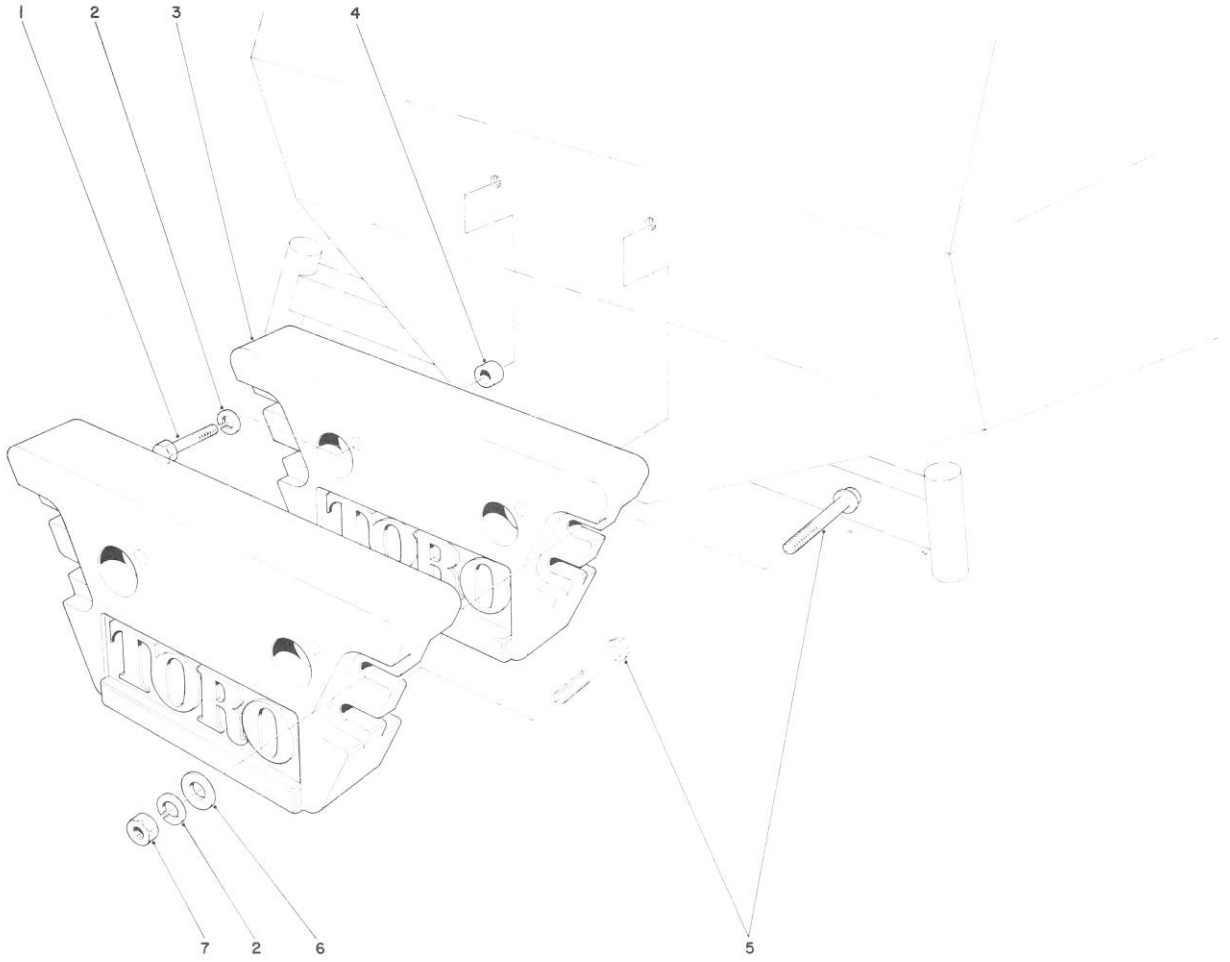
48" SNOWTHROWER ADAPTER KIT MODEL NO. 30572 (Optional)

Ref. No.	Part No.	Description	No. Used
1	37-5600	Adapter R.H.	1
2	30-1020	Spring – Extension	2
3	30-0980	Eye Bolt	4
4	3217-6	Hex Nut	17
5	37-5650	V-Belt (Matched Set)	1
6	3242-6	Square Head Setscrew	4
7	3-3267	Square Key	1
8	3230-16	Carriage Bolt	3
9	3230-4	Carriage Bolt	3
10	37-5340	Pulley	1
11	3257-8	Key – Woodruff	1
12	251-253	Bearing (Incl. Ref. #14)	4
13	3253-24	Lockwasher	11
14	251-77	Collar	4
15	39-4370	Jackshaft	1
16	37-5580	Belt Shield	1
17	322-3	Capscrew	2
18	3256-23	Washer	2
19	3242-1	Square Head Setscrew	1
20	5-7280	Key – Square	1
21	32-1790	Sheave	1
22	3242-2	Square Head Setscrew	1
23	251-285	Flange	2
24	323-4	Capscrew	4
25	251-286	Flange	2
26	3230-1	Carriage Bolt	4
27	32128-20	Nut – Flange	4
28	3290-357	Nut – Flange	4
29	3272-52	Cotter Pin	4
30	31-0680	Bushing Bronze	1

Ref. No.	Part No.	Description	No. Used
31	37-5470	Idler Arm (Incl. Ref. #30)	1
32	3256-27	Washer	3
33	32-1450	Idler Pulley	1
34	30-8670	Locknut	1
35	31-7620	Felt Washer	1
36	31-0210	Washer	1
37	31-9500	Spring – Torsion	1
38	3272-23	Pin – Cotter	1
39	32152-2	Locknut	2
40	323-11	Capscrew	2
41	37-5160	Pin	2
42	37-5620	Adapter L.H.	1
43	37-5250	Jackshaft	1
44	3234-12	Flangescrew	2
45	37-5610	Jackshaft – Support	1
46	251-287	Flange	4
47	37-5070	Pulley	1
48	37-5660	V-Belt	1
49	31-0530	Ball Bearing	1
50	30-5440	Sleeve	1
51†	27-4270	Lift Arm (Incl. Ref. #53 & 54)	1
52†	27-5270	Strap Brake Spring	2
53†	3272-12	Cotter Pin	2
54	302-53	Grease Fitting	2
55	256-101	Bushing	8
*	32-2820	Idler Assembly (Incl. Ref. #33 & 49-50)	1
*	37-5790	Reflector	2
*	32104-42	Self-Tapping Screw	4

*Not Illustrated

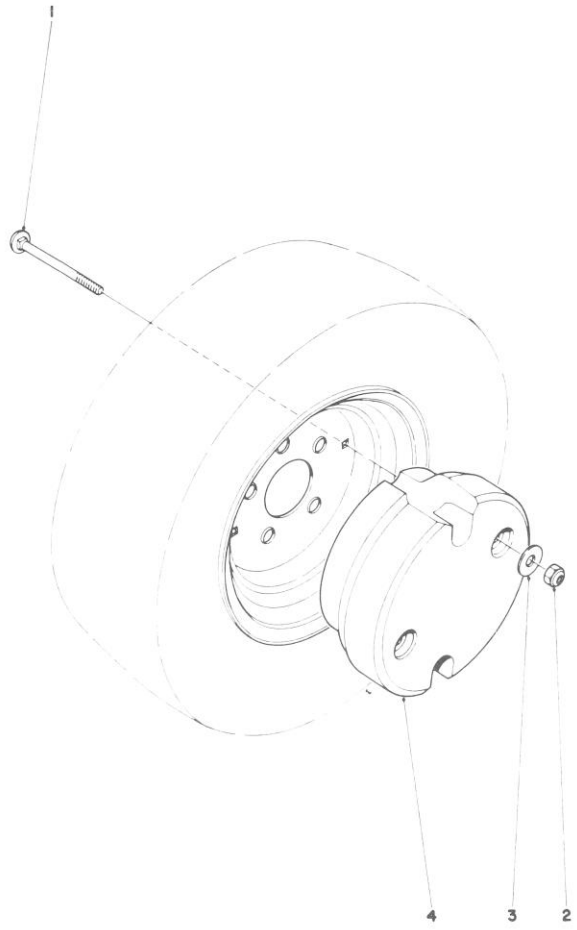
†Parts must be ordered for mounting 48" Snowthrower on Model No. 30793 order parts separately.



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
4	57-4230	Spacer	2

Ref. No.	Part No.	Description	No. Used
5	325-14	Capscrew	4
6	3256-26	Flatwasher	8
7	3217-9	Nut — Lock	4



WHEEL WEIGHT KIT MODEL NO. 30762 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3231-24	Carriage Bolt	4
2	3296-26	Nut	4

Ref. No.	Part No.	Description	No. Used
3	3256-24	Washer	4
4†		Wheel Weight	2

†Order Replacement Kit Model No. 30762

The Toro Promise

A LIMITED WARRANTY

The TORO Company promises to repair your Model 30793, TORO GROUNDSMASTER® Mower, and its originally purchased cutting unit, if defective in materials or workmanship. The following time periods apply:

Model 30793 ..... Two years or 1500 operational hours, whichever comes first.

The cost of parts, labor, and transportation are included.

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

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

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

Write:

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

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

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

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

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

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

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

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty. This warranty shall be declared void if the owner removes, disconnects, or in any way alters the operation of the products hour meter.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

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

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

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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 217-D has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is located on the right hand corner of the front bulkhead plate. In any correspondence concerning the Groundsmaster 217-D, 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 217-D.
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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