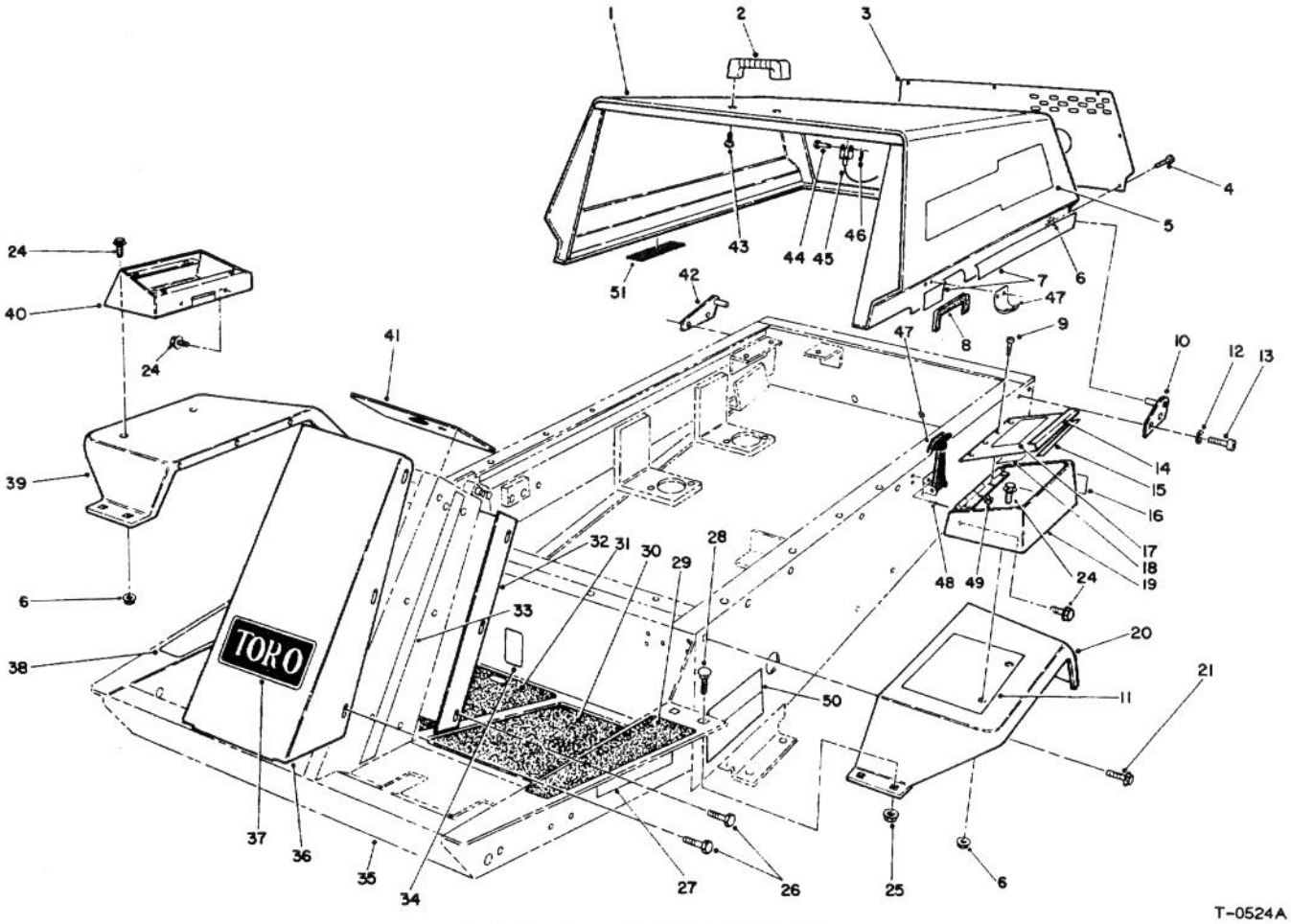
FORM NO. 3314-694

TORO

MODEL NO. 30223-20001 & UP

PARTS CATALOG

GROUNDSMASTER® 223-D
TRACTION UNIT & ACCESSORIES



BODY ASSEMBLY

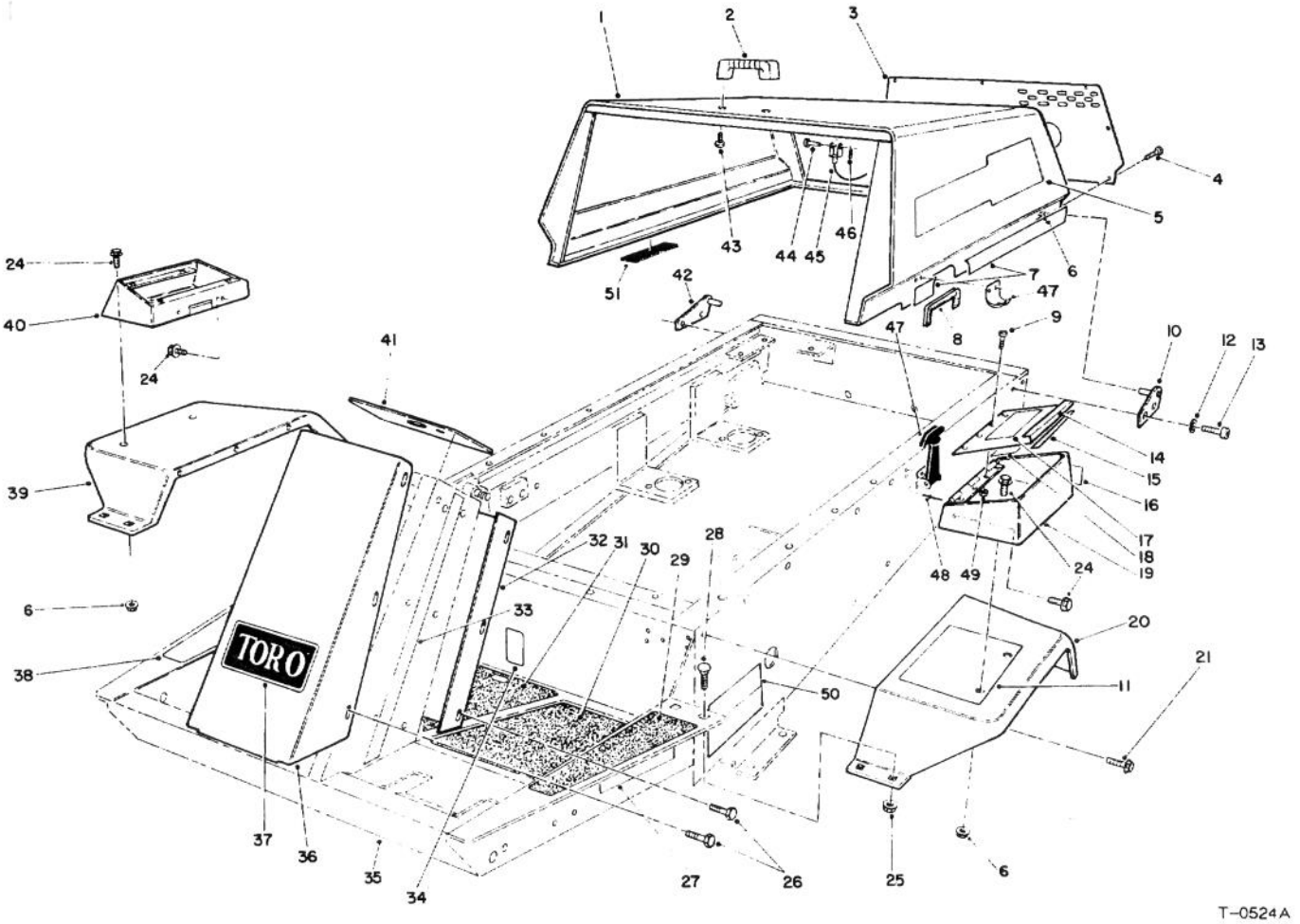
Ref. No.	Part No.	Description	No. Used
1	84-7740	Assembly - Hood	1
2	65-5100	Handle - Hood	1
3	63-7030	Screen - Hood	1
4	321-39	Screw - Cap Hex. Hd.	7
5	84-1950	Decal - GM 223-D	2
6	32128-4	Nut - Flange	11
7	66-8680	Decal - Hood L.H.	1
*	66-8670	Decal - Hood R.H.	1
8	66-8110	Trim - Hood	1
9	3290-359	Screw - Machine	4
10	63-6900	Plate Hinge L.H.	1
11	76-4790	Pad - Rubber	1
12	3255-8	Washer - Lock	4
13	3274-32	Screw - Hex. Hd. Socket	4
14	66-3040	Cover - Tool Box	1
15	66-3050	Strip - Magnetic	1
16	27-7310	Decal (Over Fill caution)	1

Ref. No.	Part No.	Description	No. Used
17	66-8880	Decal - Caution	1
18	84-1960	Decal - Service	1
19	66-2830	Box - Tool	1
20	63-7310	Fender L.H.	1
21	3234-14	Screw - Flange Hd.	8
24	3234-13	Screw - Flange Hd.	8
25	32128-20	Nut - Flange	4
26	46-6810	Screw - Cap Hex. Hd.	14
27	67-1720	Decal - Caution	2
28	3230-23	Bolt - Carriage	4
29	66-3200	Tread - Foot Rest L.H.	1
30	66-3210	Tread - Foot L.H.	1
31	66-3220	Tread - Foot R.H.	1
32	63-7320	Cover - Tower Rear	1
33	66-8760	Decal - Tower L.H.	1
*	66-8770	Decal - Tower R.H.	1
34	53-4430	Decal - Oil	1

*Not Illustrated

TPS

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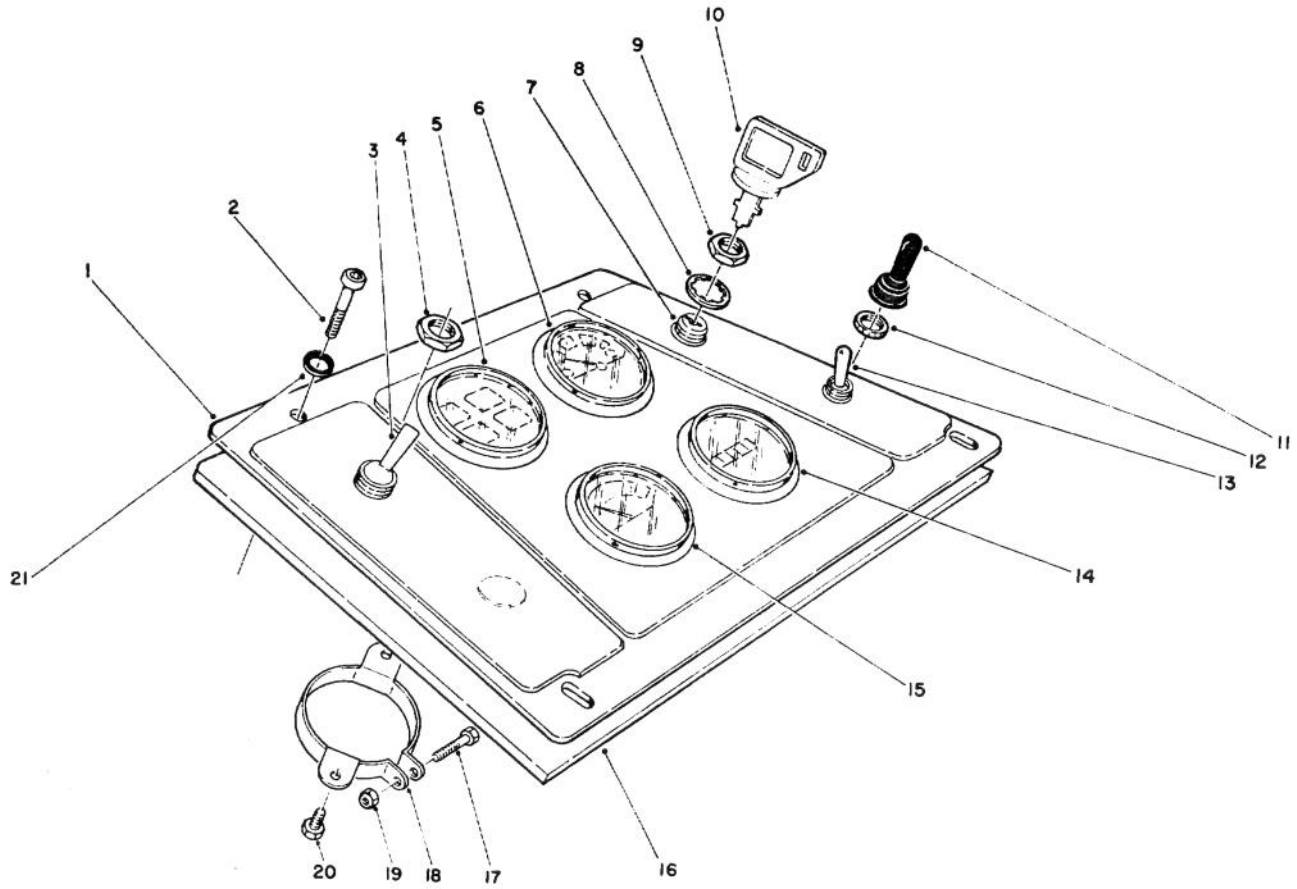


T-0524A

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
35	84-7700	Assembly - Frame	1
36	63-7330	Cover - Tower Front	1
37	62-5550	Decal - TORO	1
38	66-8890	Decal Traction Pedal	1
39	63-7300	Fender - R.H.	1
40	63-8050	Box - Control	1
41	66-2470	Plate - Tower	1
42	63-6890	Plate - Hinge R.H.	1
43	46-8091	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
44	283-58	Pin - Clevis	1
45	66-2870	Cable - Hood Stop	1
46	3272-10	Pin - Cotter	1
47	59-9740	Assy. - Latch, Flex. Draw	1
48	3290-271	Rivet	4
49	3296-12	Nut - Hex.	4
50	75-0810	Decal - Caution	2
51	82-8950	Foam	2

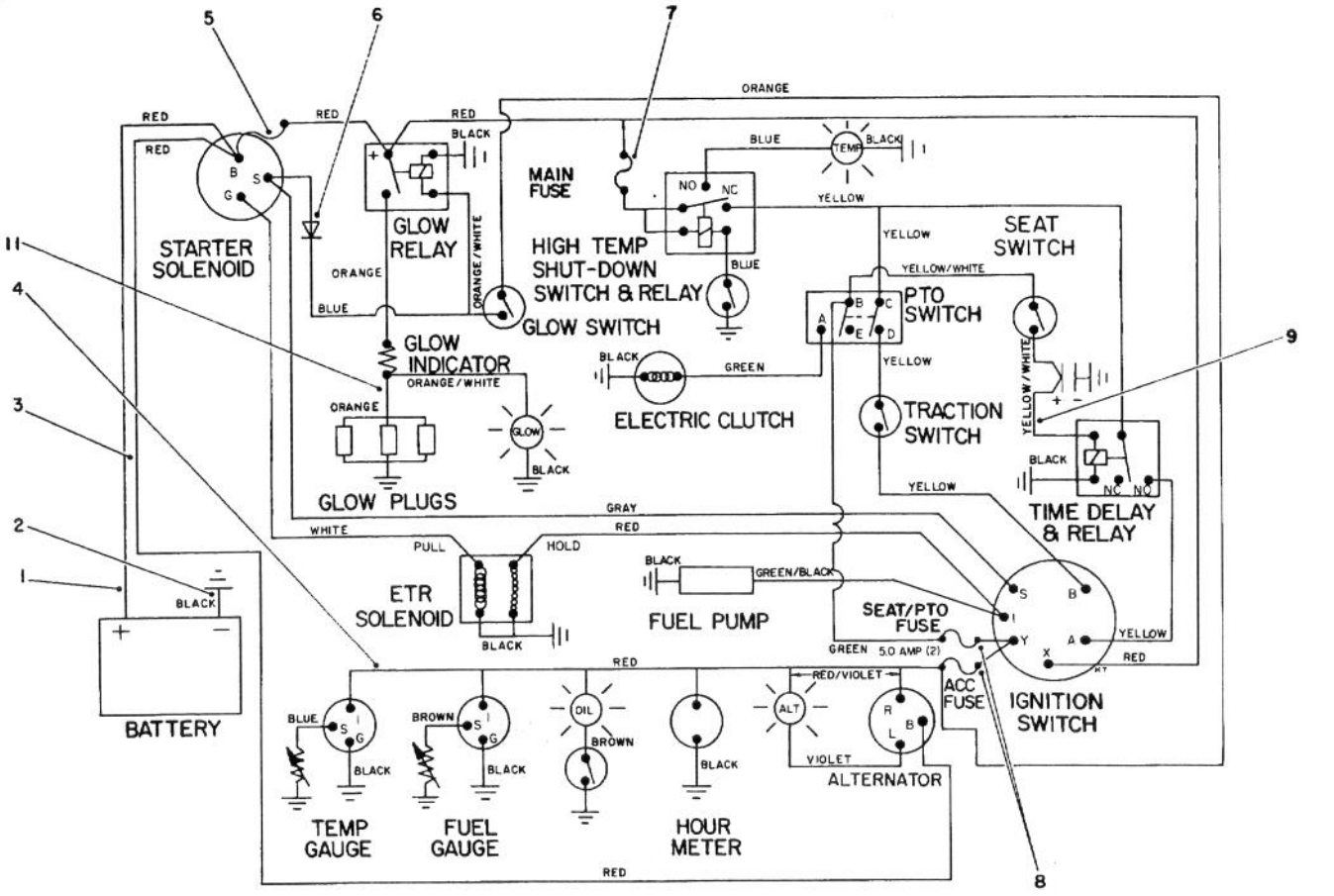


T-0525

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-2460	Panel - Control	1
2	3274-68	Screw - Socket Button Hd.	4
3	85-4980	Switch - PTO (Incl. Ref. #4)	1
4	218-576	Nut - Hex.	1
5	66-2960	Cluster - Warning Light	1
6	66-2940	Gage - Fuel	1
7	27-2360	Switch - Ignition (Incl. Ref. #8-10)	1
8	218-447	Washer - Lock	1
9	218-446	Nut - Hex.	1
10	63-8360	Key - Ignition	1

Ref. No.	Part No.	Description	No. Used
11	218-473	Boot - Switch	1
12	218-497	Nut - Face	1
13	6-1659	Switch - Glow Plugs (Incl. Ref. #11 & 12)	1
14	66-2950	Meter - Hour	1
15	63-7430	Gage - Temperature	1
16	85-7560	Plate - Control Panel	1
17	32105-1	Screw	1
18	69-4780	Clamp - Gauge	1
19	3296-2	Nut - Lock	1
20	32144-1	Screw - Hex. Hd.	2
21	3256-1	Washer - Flat	4

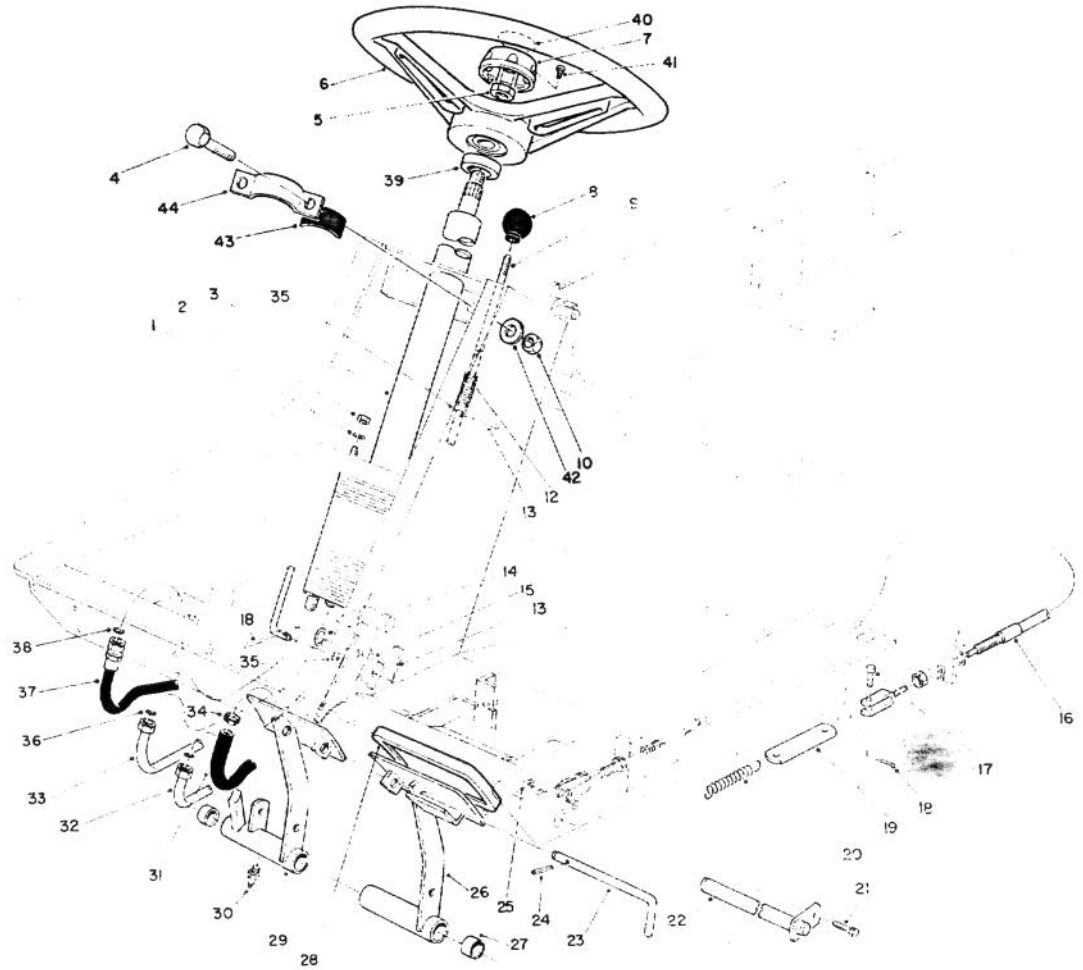


T-0526

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	43-4031	Wire - Positive	1
2	63-7340	Wire - Ground	1
3	85-7540	Wire Harness (Incl. Ref. #5 & 6)	1
4	66-8690	Lamp Harness (Incl. Ref. #10)	1
5	67-7120	Fusible Link	1

Ref. No.	Part No.	Description	No. Used
6	67-7130	Diode	1
7	218-574	Fuse 7.5A	1
8	218-573	Fuse 5.0A	2
9	67-7180	Wire - Seat	1
10	219-17	Bulb - Light	4
11	68-7370	Wire - Glow	1
12	68-7380	Assembly - Connector	1



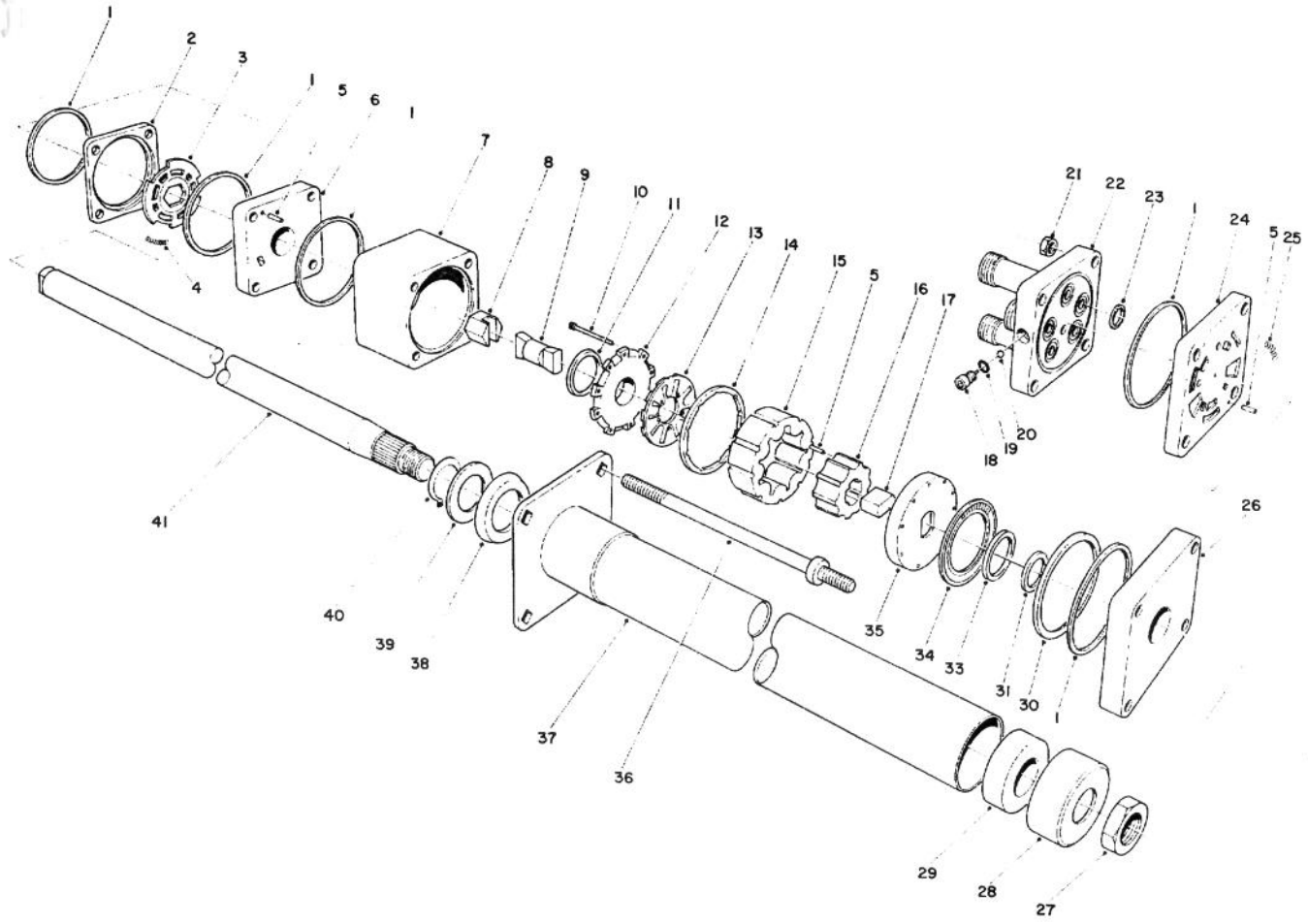
T-1247

POWER STEERING & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer - Flat	4
2	3296-20	Nut - Lock	4
3	63-9250	Valve - Power Steering (Incl. Ref. #7)	1
4	322-5	Screw - Cap Hex. Hd.	2
5	3220-6	Nut -Hex.	1
6	75-0560	Wheel - Steering (Incl. Ref. #7 & 41)	1
7	68-5140	Cap - Steering Wheel (Incl. Ref. #41)	1
8	233-17	Knob	1
9	63-7910	Rod - Brake Latch	1
10	3296-29	Nut - Lock	2
12	3-3251	Spring	1
13	3272-5	Pin - Cotter	3
14	3256-26	Washer - Flat	1
15	63-7900	Rack - Brake	1
16	63-7730	Assy. - Cable, Brake L.H.	1
*	63-7731	Assy. - Cable, Brake R.H.	1
17	283-58	Pin - Clevis	4
18	3272-10	Pin - Cotter	5
19	63-6750	Link - Brake Cable	2
20	3-7243	Spring - Return	2
21	321-3	Screw - Cap Hex. Hd.	1
22	63-6210	Pin - Brake	1

Ref. No.	Part No.	Description	No. Used
23	63-7880	Pin - Brake Latch	1
24	32121-50	Pin - Roll	1
25	3296-42	Nut - Lock	1
26	63-6180	Pedal - L.H. Brake (Incl. Ref. #27 & 30)	1
27	256-42	Bushing	4
28	7-3900	Foot Pad - Brake	2
29	63-6190	Pedal - R.H.Brake (Incl. Ref. #27 & 30)	1
30	302-5	Fitting - Grease	2
31	66-8140	Hose	1
32	66-8630	Tube - Hydraulic (Str.-Lift)	1
33	66-8620	Tube Hydraulic (Pump-Str.)	1
34	2412-36	Clamp	2
35	3256-22	Washer - Flat	3
36	237-30	O-Ring	2
37	66-8170	Hose - Hydraulic	2
*	44-8530	Sock - Hose	1
38	237-22	O-Ring	2
39	21-9260	Cover - Dust	1
40	68-5370	Decal - Toro	1
41	32144-21	Screw - Pan Hd. Phillips	1
42	3256-23	Washer - Flat	2
43	84-7670	Foam - Column Support	2
44	84-7660	Clamp - Column	1

*Not Illustrated



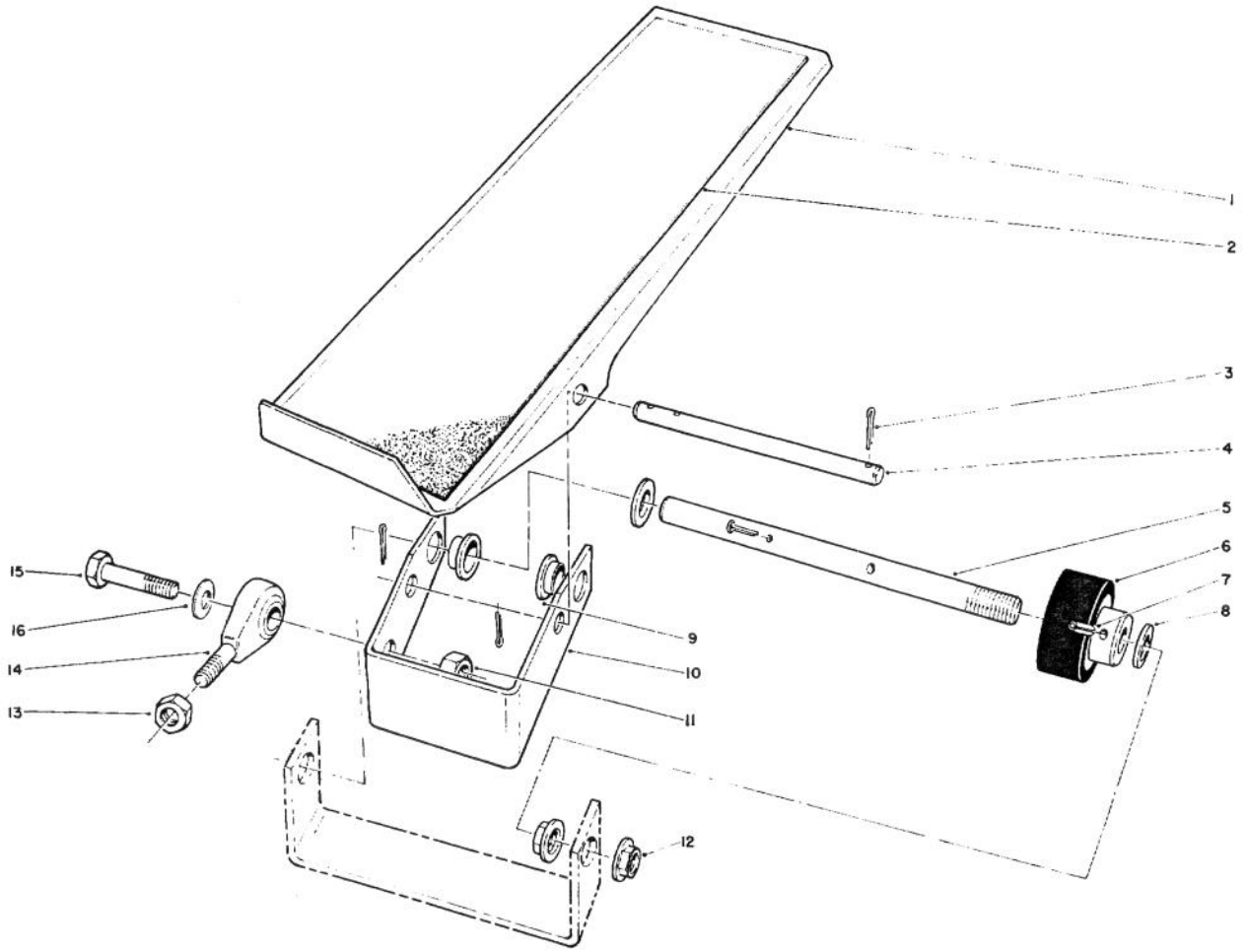
T-0417

STEERING VALVE ASSEMBLY NO. 63-9250

Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	
2		Ring - Valve	
3		Plate - Valve	
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Assembly - Hex. Drive	1
9		Link - Drive	1
10		Screw - Hex. Socket Hd.	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		Nut - Hex.	4
22		Cover - Port	1
23		O-Ring	5
24		Manifold - Port	1

Ref. No.	Part No.	Description	No. Used
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 - Bearing, Thrust	1
31		Spacer- Seal	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	Kit - Spring (Incl. Ref. #4 & 25)	1
*	66-9980	Kit - Seal (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66-9990	Kit - Needle Roller (Incl. Ref. #5)	1

*Not Illustrated

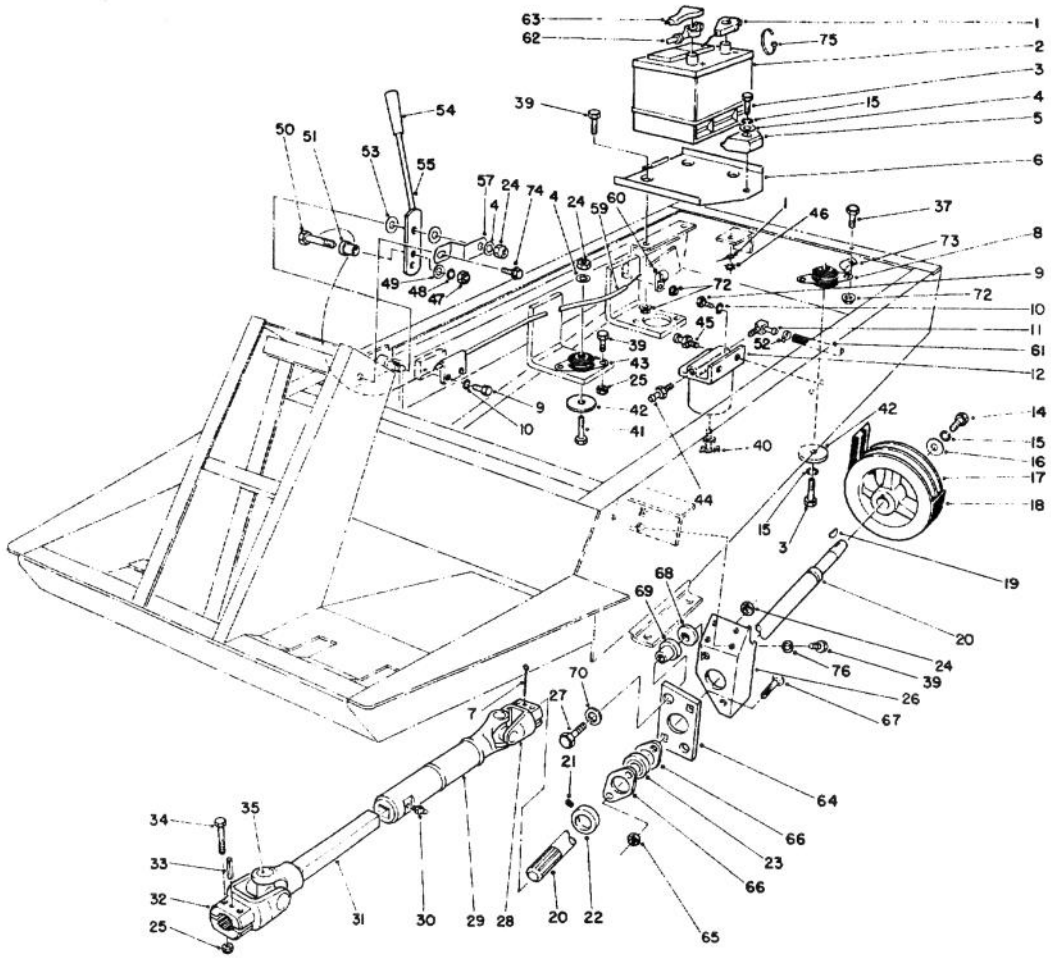


T-1248

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7930	Pedal - Traction	1
2	28-5130	Pad - Traction Pedal	1
3	3272-10	Pin - Cotter	4
4	29-5630	Pin - Pedal Pivot	1
5	63-6160	Shaft - Traction Pedal	1
6	28-5220	Wheel - Friction	1
7	32121-6	Pin - Roll	1
8	5-7570	Washer	2
9	256-156	Bushing - Flange	2

Ref. No.	Part No.	Description	No. Used
10	63-6170	Assembly - Pivot Bracket (Incl. Ref. #9)	1
11	3296-39	Nut - Lock	1
12	32128-49	Nut - Flange	2
13	3220-3	Nut - Jam	1
14	2411-36	End - Rod	1
15	323-29	Screw - Cap Hex. Hd.	1
16	3256-24	Washer - Flat	1



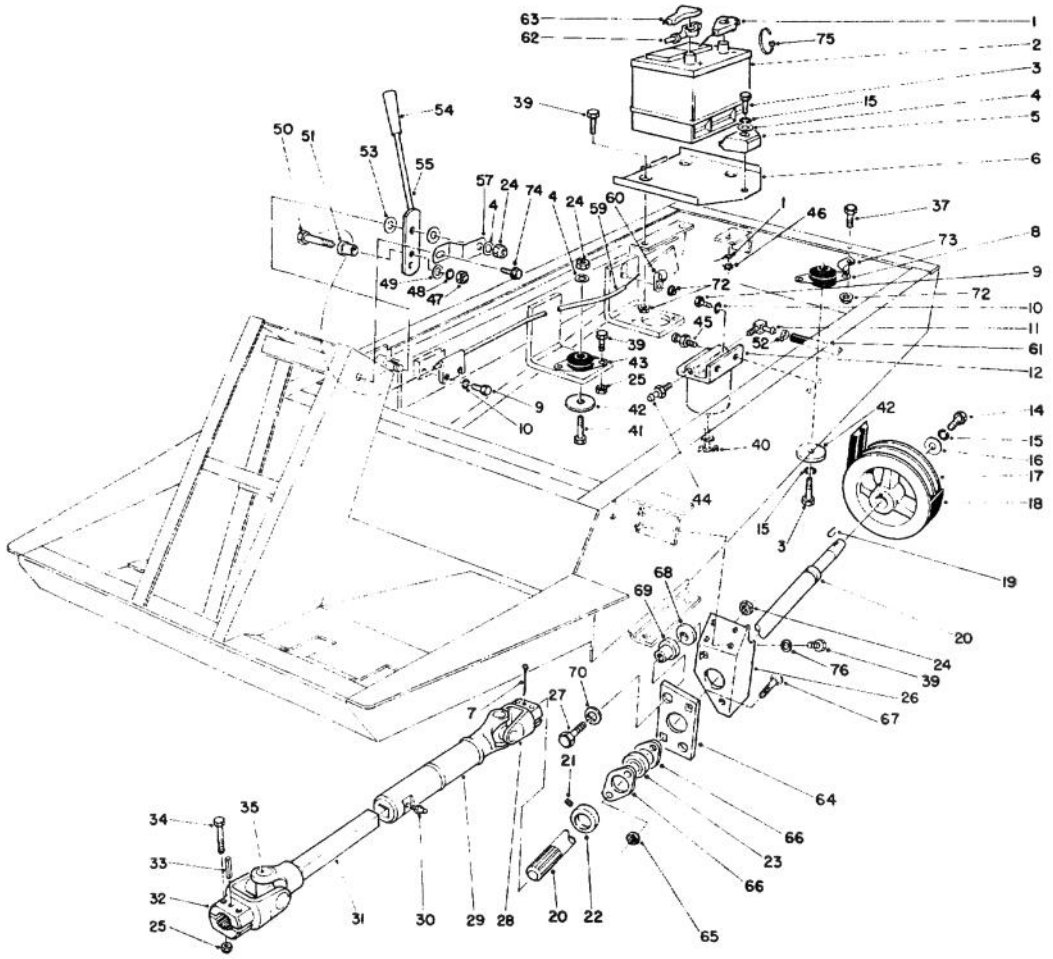
T-0530A

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7340	Wire - Ground	1
†2		Battery	
		Type 26 SMF-5	1
3	323-9	Screw - Cap Hex. Hd.	2
4	3256-24	Washer - Flat	4
5	66-2490	Clamp - Battery Retainer	1
6	66-2330	Base - Battery	1
7	3272-15	Pin - Cotter	1
8	63-7141	Mount - Shock (Red)	1
9	321-4	Screw - Cap Hex. Hd.	4
10	3253-3	Washer - Lock	4
11	353-781	Fitting 90°	1
12	63-8280	Assembly - Head	1
13	63-8300	Element - Spin-On	1
14	323-18	Screw - Cap Hex. Hd.	1
15	3253-21	Washer - Lock	3
16	29-4730	Washer - PTO	1
17	43-5320	Pulley - PTO	1
18	63-6240	Belt - PTO	1
19	3257-5	Key - Woodruff	1
20	63-6220	Shaft - PTO	1
21	3246-1	Screw - Set	1
22	251-77	Collar - Locking	1
23	251-253	Bearing - PTO Shaft (Incl. Ref. #21 & 22)	1

Ref. No.	Part No.	Description	No. Used
24	3296-39	Nut - Lock	7
25	3296-29	Nut - Lock	12
26	63-6530	Bracket - PTO Bearing	1
27	323-10	Screw - Cap Hex. Hd.	2
28	54-9090	Yoke - End	1
29	54-9170	Tube - Slip Yoke	1
30	302-58	Fitting - Grease	1
31	54-9050	Shaft - Slip Yoke	1
32	54-9040	Yoke - End	1
33	32121-34	Pin - Roll	1
34	322-9	Screw - Cap Hex. Hd.	4
35	54-9180	Kit - Universal Joint	2
37	322-3	Screw - Cap Hex. Hd.	1
39	322-5	Screw - Cap Hex. Hd.	15
40	63-8310	Valve - Drain	1
41	323-11	Screw - Cap Hex. Hd.	3
42	63-7400	Washer - Rebound	4
43	63-7142	Mount - Shock (Yellow)	3
44	353-783	Fitting - Straight	1
45	63-8290	Vent - Air	1
46	3255-8	Washer - Lock, Ext. Tooth	1
47		Nut - Hex.	1
48		Washer - Lock I.T.L.W.	1
49		Washer - Flat	1
50		Screw - Special	1

†Obtain Locally



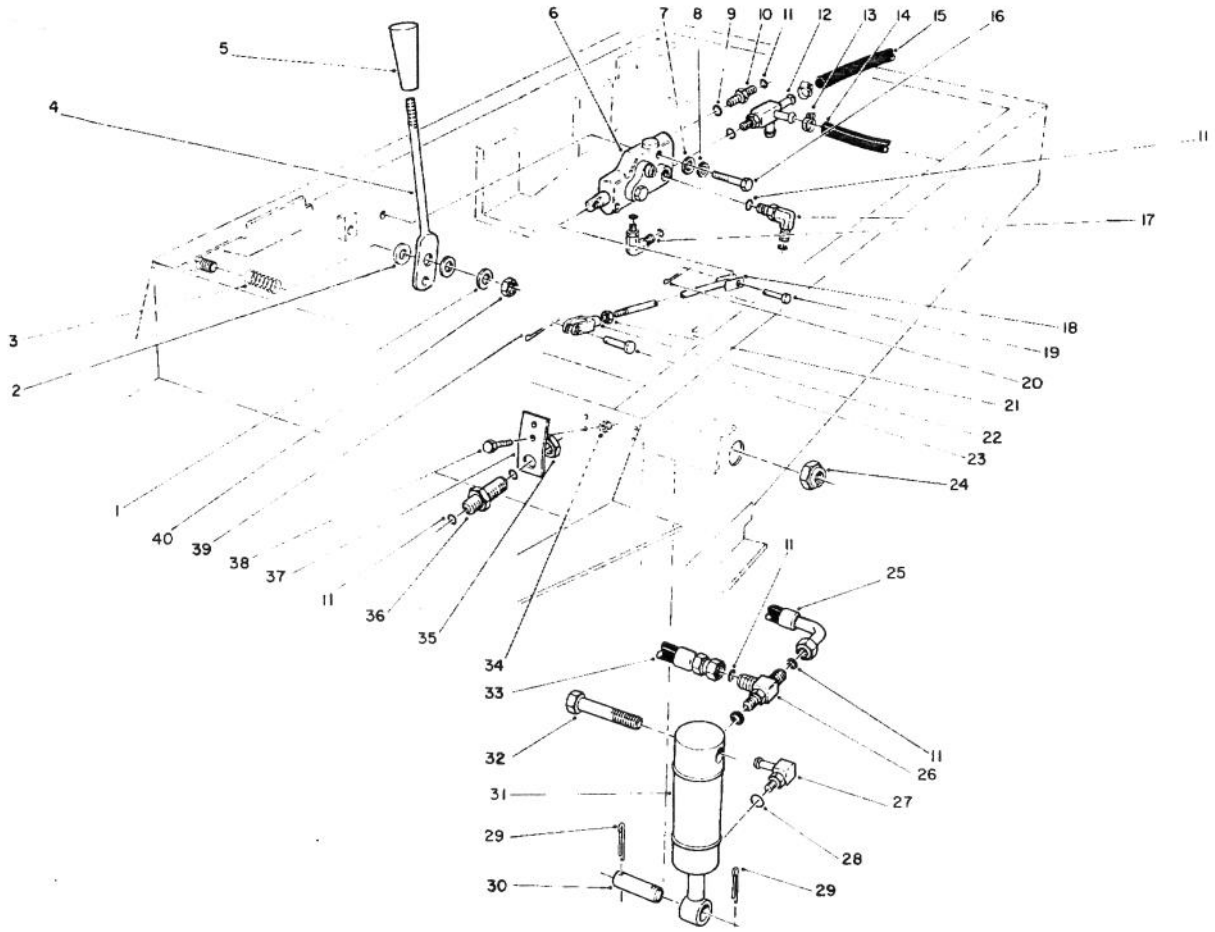
T-0530A

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51		Sleeve - Connector	1
52	2412-108	Clamp	2
53	66-2920	Washer - Friction	2
54	233-39	Knob	1
55	71-3500	Lever - Throttle	1
57	66-2670	Bracket - Throttle	1
59	76-1000	Cable - Throttle	1
60	67-7210	R-Clamp	2
61	63-7610	Hose	1
62	43-4031	Cable - Battery Positive	1
63	28-1280	Boot - Positive Cable	1
64	84-7580	Plate - Bushing Support	1
65	32149-1	Nut -Lock	2
66	251-326	Flange - Bearing	2

Ref. No.	Part No.	Description	No. Used
67	3230-2	Bolt - Carriage	2
68	67-1630	Spacer - PTO	2
69	63-9750	Mount	2
70	63-8410	Washer - Flat	2
72	32128-20	Nut - Flange	5
73	2412-104	R-Clamp	2
74	3234-13	Screw - Flange Hd.	1
75	3290-378	Tie - Cable	1
76	3253-4	Washer - Lock	4
*	63-6760	Swivel - Throttle Cable (Incl. Ref. #47-51)	1
*	54-7950	Drive Shaft Assembly (Incl. Ref. #28-32 & 35)	1

*Not Illustrated



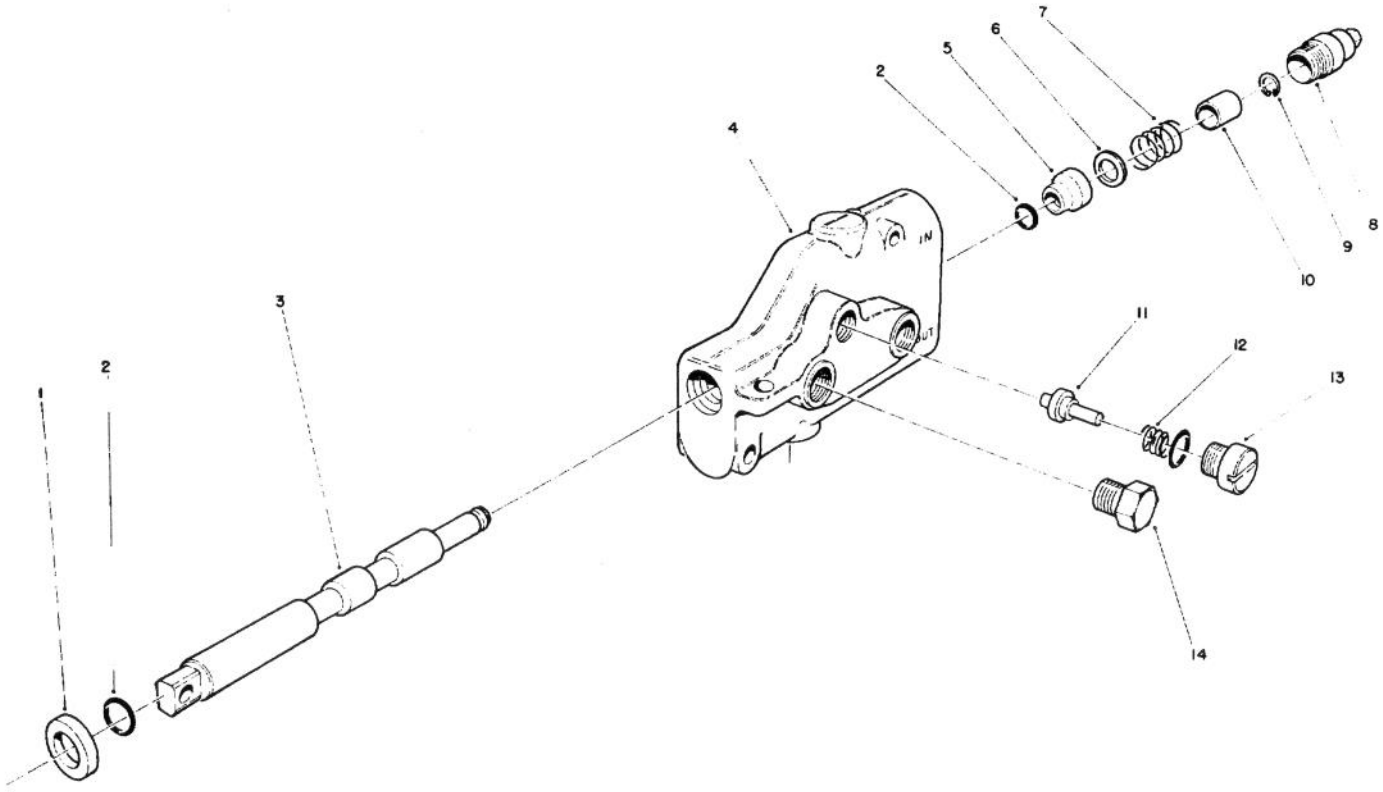
T-0531

HYDRAULIC LIFT SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer - Flat	1
2	3256-26	Washer - Flat	2
3	70-7530	Spring - Compression	1
4	66-2720	Lever - Lift	1
5	233-39	Knob	1
6	63-7960	Valve - Lift	1
7	3256-22	Washer - Flat	2
8	3253-3	Washer - Lock	2
9	237-65	Seal - O-Ring	5
10	340-2	Fitting - Straight (Incl. Ref. #9 & 11)	1
11	237-22	Seal - O-Ring	7
12	66-3130	Fitting - Tee (Incl. Ref. #9)	1
13	2412-36	Clamp - Hose	3
14	66-8150	Hose - Hydraulic	1
15	66-8500	Hose	1
16	321-11	Screw - Cap Hex. Hd.	2
17	340-77	Fitting - 90° Elbow (Incl. Ref. #9 & 11)	2
18	76-4830	Rod - Tie	1
19	283-16	Pin - Clevis	1
20	3272-5	Pin - Cotter	1
21	3220-2	Nut - Jam, R.H.	1
22	282-27	Clevis	1
23	283-58	Pin - Clevis	1

Ref. No.	Part No.	Description	No. Used
24	3296-51	Nut - Lock	2
25	66-8190	Assembly - Hose, Hydraulic	1
26	340-86	Fitting - Tee (Incl. Ref. #9 & 11) (Used On Cap End of Left Cyl.)	1
*	340-77	Fitting - 90° Elbow (Incl. Ref. #9 & 11) (Used On Cap End of Right Cyl.)	1
27	304-99	Fitting - 90° Elbow (Incl. Ref. #28)	2
28	237-22	O-Ring	2
29	3272-23	Pin - Cotter	4
30	27-4240	Pin - Cylinder	2
31	63-6630	Cylinder - Lift	2
32	328-7	Screw - Cap Hex. Hd.	2
33	66-8640	Assembly - Hose, Hydraulic	1
34	3296-42	Nut - Lock	2
35	340-70	Nut - Fitting	1
36	340-71	Fitting - Bulkhead (Incl. Ref. #11 & 35)	1
37	63-7410	Bracket - Bulkhead	1
38	321-4	Screw - Cap Hex. Hd.	2
39	3272-31	Pin - Cotter	1
40	3296-29	Nut - Lock	1

*Not Illustrated

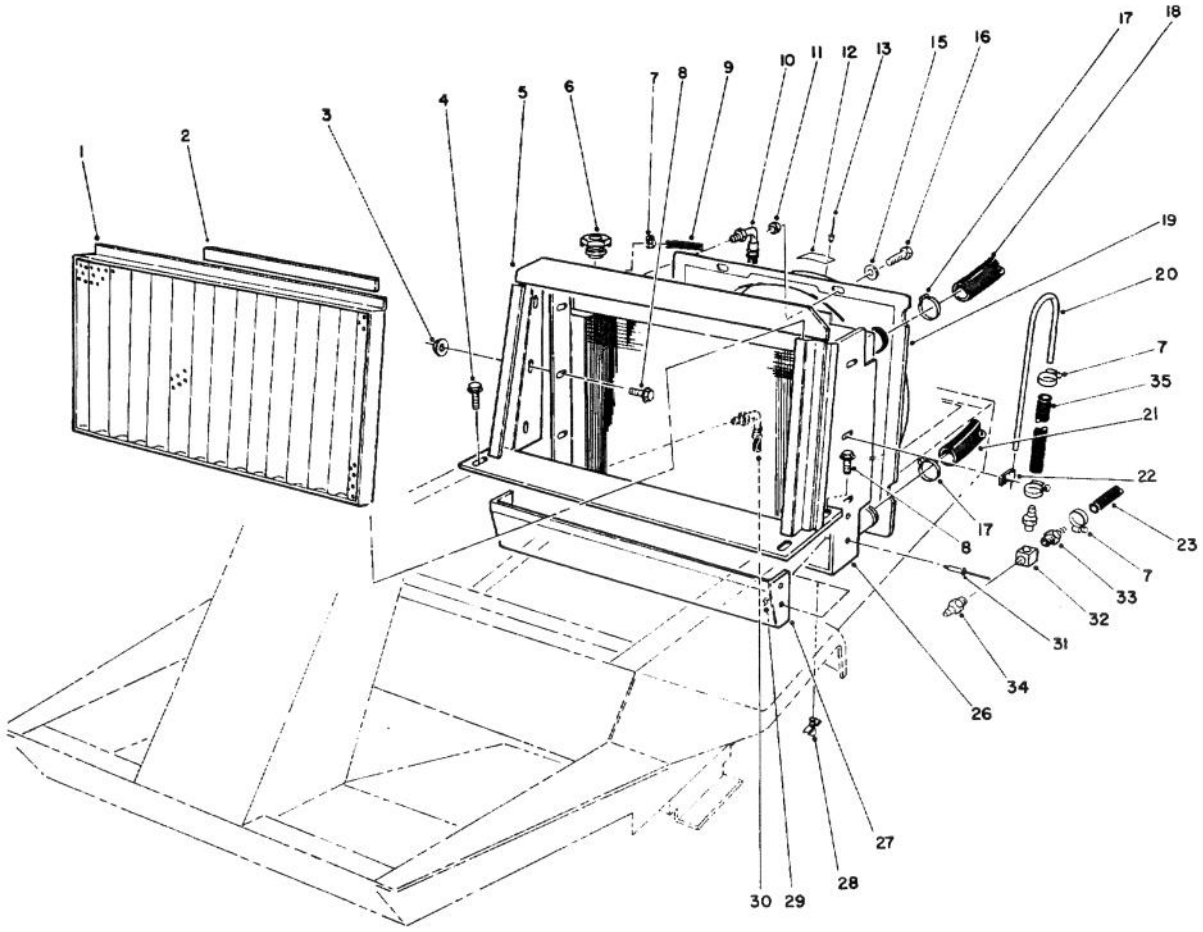


T-0532

LIFT VALVE ASSEMBLY NO. 63-7960

Ref. No.	Part No.	Description	No. Used
1	58-6320	Wiper - Seal	1
2	58-6450	O-Ring	2
3		Spool	1
4		Body	1
5	58-6400	Bushing	1
6	65-2770	Washer	1
7	65-2950	Spring	1
8	58-6420	Assembly - Cap	1
9	58-6460	Ring - Retaining	1
10	65-2740	Spacer	1
11	65-2750	Plunger	1
12	65-2760	Spring	1
13	65-2930	Assembly - Plug	1
14	58-6710	Assembly - Plug	1
*	63-7960	Assembly - Lift Valve (Incl. Ref. #3 & 4)	1

*Not Illustrated

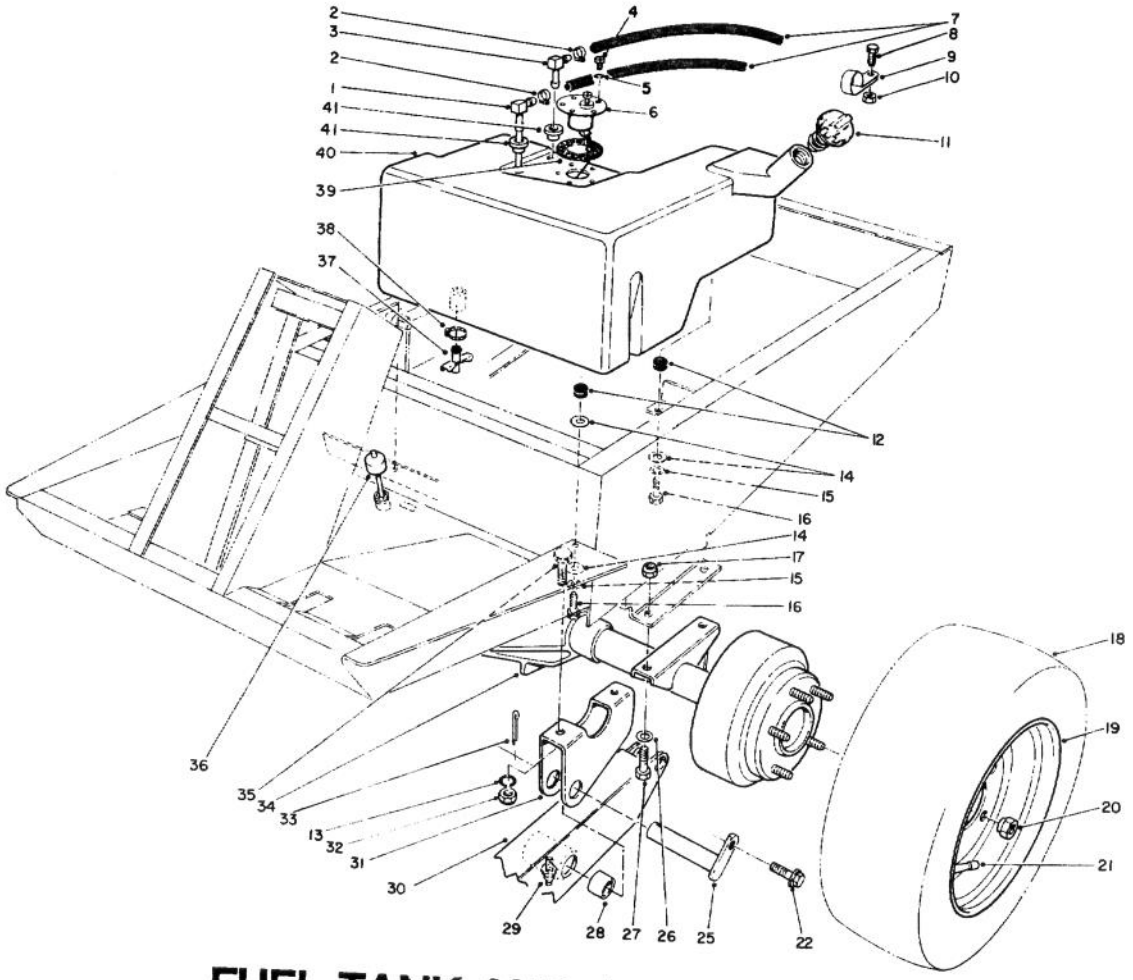


T-0533A

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7700	Assembly - Frame, Screen	1
2	63-7710	Magnetic Strip	1
3	32128-20	Nut - Lock	6
4	3234-17	Screw - Flange Hd.	2
5	84-7570	Radiator Support Assembly	1
6	66-3240	Cap - Radiator	1
7	2412-108	Clamp - Hose	8
8	3234-5	Screw - Flange Hd.	8
9	71-3384	Hose	1
10	66-8180	Hose Assembly	1
11	3296-42	Nut - Lock	4
12	76-8750	Plate - Warning	1
13	3290-55	Rivet	2
15	3256-22	Washer - Flat	4
16	321-4	Screw - Cap Hex. Hd.	4
17	2412-34	Clamp - Hose	4

Ref. No.	Part No.	Description	No. Used
18	63-6010	Hose - Upper	1
19	84-7680	Shroud - Fan	1
20	66-3180	Tube - Vent	1
21	63-6020	Hose - Lower	1
22	2412-103	R-Clamp	2
23	75-4702	Hose - Fuel	1
26	82-2310	Radiator Assembly	1
27	63-6440	Shield - Radiator	1
28	304-46	Drain Cock	1
29	3256-13	Washer - Flat	7
30	66-8500	Hose Assembly	1
31	3269-8	Rivet	7
32	354-20	Block	1
33	354-22	Fitting	2
34	354-21	Fitting	1
35	75-4704	Hose	1



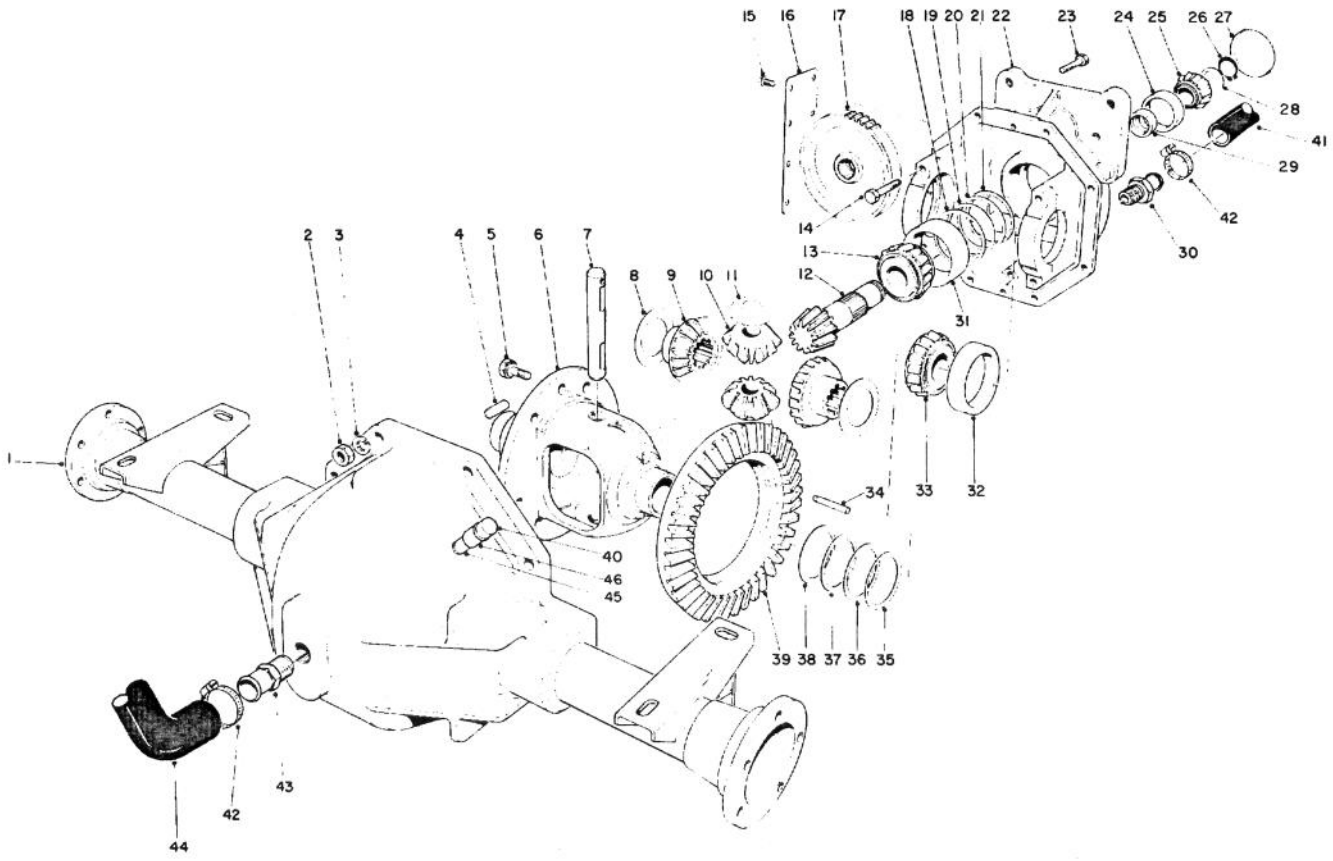
T-0534A

FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-8120	Standpipe	1
2	2412-108	Clamp	4
3	46-6550	Connector 90°	1
4	32122-24	Screw - Machine	5
5	3253-15	Washer - Lock	5
6	63-7640	Sender - Fuel	1
7	63-7630	Hose	2
8	322-5	Screw - Cap Hex. Hd.	1
9	2412-96	R-Clamp	1
10	32128-20	Nut - Lock	1
11	70-8621	Cap - Fuel	1
12	237-136	Grommet	3
13	3253-8	Washer - Lock	4
14	3256-67	Washer - Flat	3
15	3253-3	Washer - Lock	5
16	321-5	Screw - Cap Hex. Hd.	3
17	3296-48	Nut - Lock	4
18	231-101	Tire	2
19	217-117	Rim	2
20	23-7270	Nut - Lug	10
21	232-31	Valve Stem w/Cap	2

Ref. No.	Part No.	Description	No. Used
22	3234-13	Screw - Flange Hd.	2
25	27-4310	Pin - Pivot	2
26	3256-25	Washer - Flat	4
27	324-5	Screw - Cap Hex. Hd.	4
28	256-101	Bushing	4
29	302-62	Fitting - Grease	2
30	76-3090	Lift Arm - L.H. (Incl. Ref. #28 & 29)	1
*	76-3080	Lift Arm - R.H. (Incl. Ref. #28 & 29)	1
31	67-1830	Carrier Bracket	2
32	3219-6	Nut - Hex.	4
33	3272-17	Pin - Cotter	2
34	70-2740	Assembly - Axle	1
35	3214-5	Screw - Cap Hex. Hd.	4
36	66-3060	Dipstick - Differential	1
37	304-46	Fitting - Drain	1
38	2412-36	Clamp	1
39	62-7650	Gasket	1
40	63-7372	Tank - Fuel	1
41	46-6560	Bushing	2

*Not Illustrated



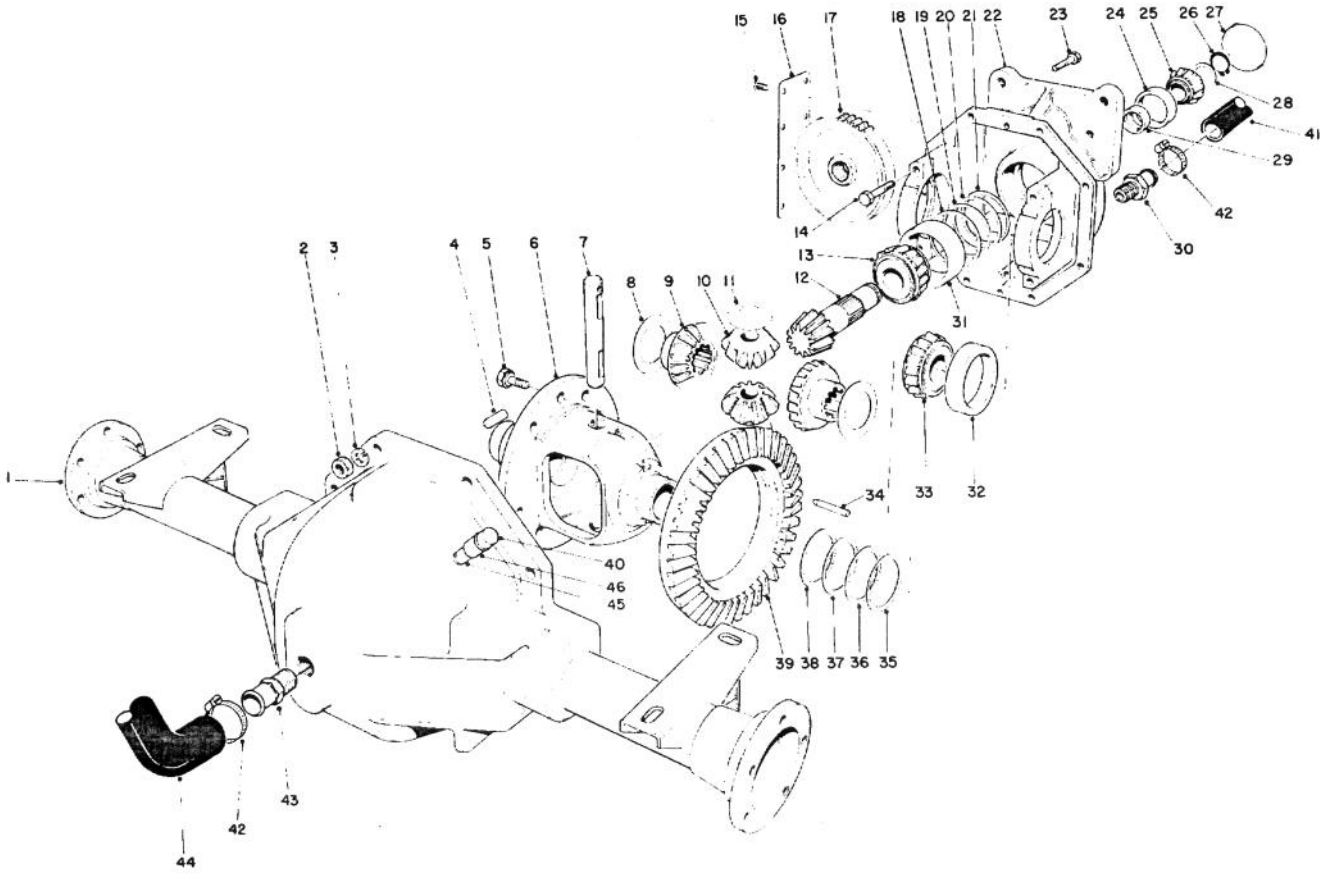
T-0604

DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-8090	Assembly - Lower Housing	1
2	3219-2	Nut	8
3	3255-8	Washer - Lock	8
4	21-8270	Pin - Dowel	2
5	21-7770	Screw - Drive Gear	5
6	21-7670	Differential Case	1
7	21-7700	Shaft - Pinion Mate	1
8	21-7720	Washer - Thrust	2
9	24-8790	Gear - Bevel, Differential	2
10	21-7690	Gear - Pinion	2
11	21-7730	Washer - Thrust	2
12		Drive Pinion	1
13	43-6760	Cone - Bearing, Tapered	1
14	324-23	Screw - Cap Hex. Hd.	4
15	12-5450	Screw - Thread Forming	8
16	21-7830	Cover - Gear	1
17	21-8150	Gear - Spur	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	70-2760	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Screw - Cap Hex. Hd.	8

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

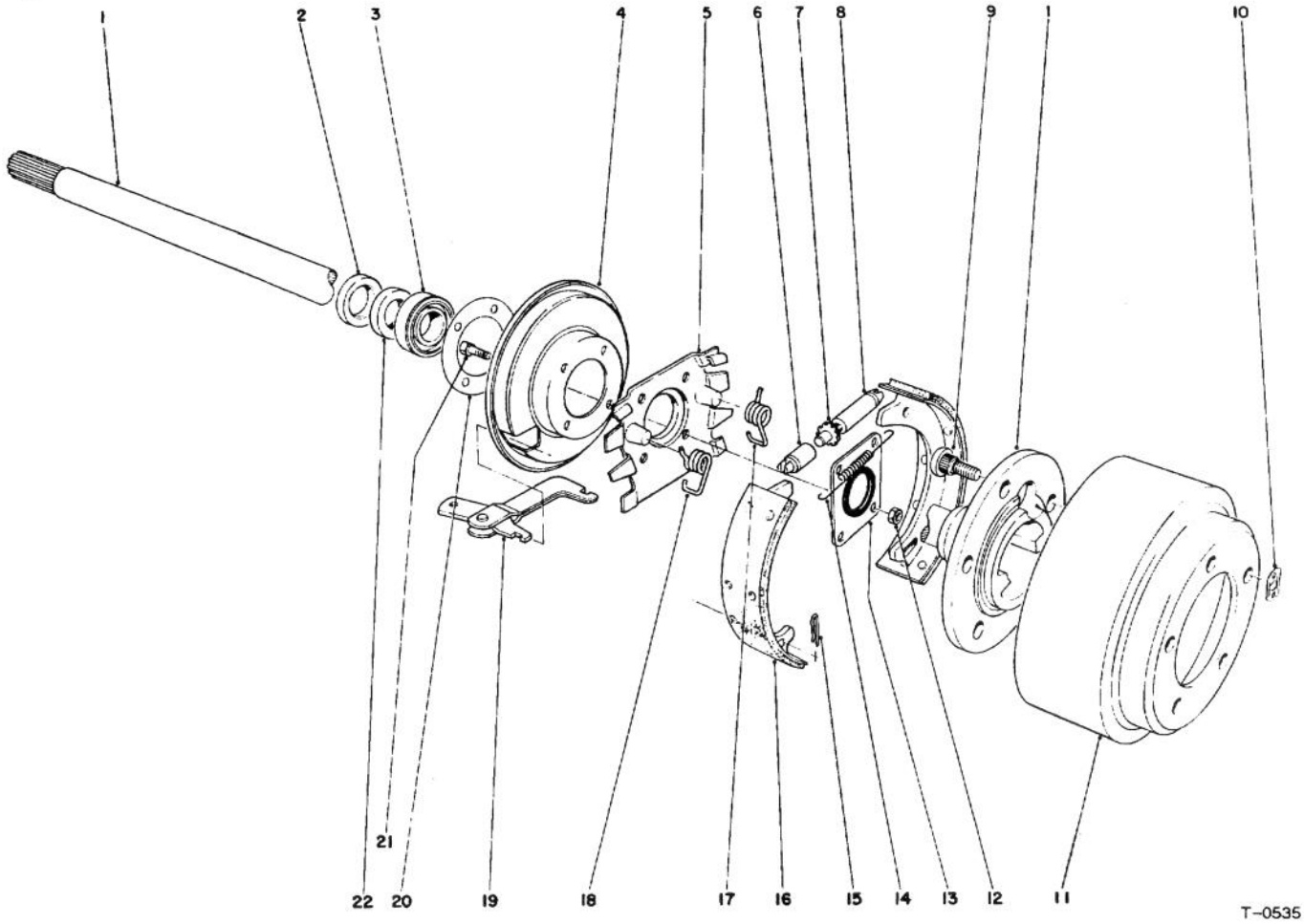
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T-0604

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
*	46-2410	Shim Front Pinion Bearing (.062)	A/R
	46-2411	Shim Front Pinion Bearing (.064)	A/R
*	46-2412	Shim Front Pinion Bearing (.066)	A/R
*	46-2413	Shim Front Pinion Bearing (.068)	A/R
*	46-2414	Shim Front Pinion Bearing (.070)	A/R
*	46-2415	Shim Front Pinion Bearing (.072)	A/R
*	46-2416	Shim Front Pinion Bearing (.074)	A/R
*	46-2420	Shim Front Pinion Bearing (.076)	A/R
	46-2421	Shim Front Pinion Bearing (.078)	A/R
*	46-2422	Shim Front Pinion Bearing (.080)	A/R
*	46-2423	Shim Front Pinion Bearing (.082)	A/R
*	46-2424	Shim Front Pinion Bearing (.084)	A/R
*	46-2425	Shim Front Pinion Bearing (.086)	A/R
*	46-2426	Shim Front Pinion Bearing (.088)	A/R
29	21-8020	Spacer - Frt. Pinion Bearing	1
30	354-18	Fitting - Straight	1
31	43-6750	Cup - Tapered, Bearing	1
32	254-66	Cup - Tapered, Bearing	2
33	254-65	Cone - Tapered, Bearing	2
34	21-7710	Pin - Roll	1
35	21-8090	Differential Adjust. Shim. .003	A/R
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		Gear - Ring	1
40	72-9420	Vent Assembly	1
41	66-8130	Hose - Hydraulic	1
42	2412-34	Clamp - Hose	4
43	354-71	Pipe Nipple	1
44	77-0550	Tube - Fill	1
	43-6510	Assembly - Gear & Pinion (Incl. Ref. #12 & 39)	1
45	289-6	Nipple - Pipe	1
46	2810-1	Coupler	1

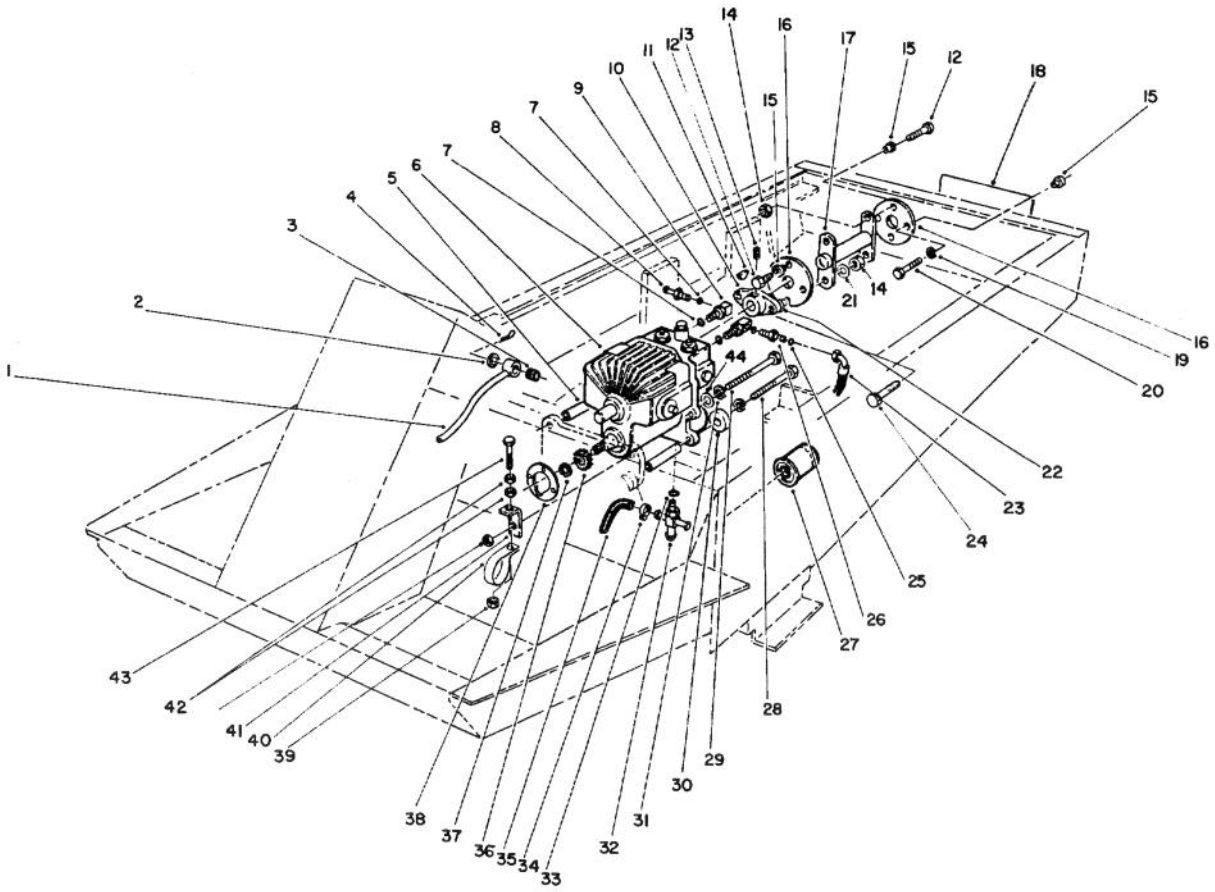


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6861	Shaft - Axle, Flanged L.H.	1
*	27-6851	Shaft - Axle, Flanged R.H.	1
2	21-8330	Oil Seal	2
3	21-8180	Bearing - Tapered Roller	2
4	21-9450	Dust Shield	2
5	43-6810	Torque Spider	2
6	21-9390	Socket - Adjusting Screw	2
7	21-9370	Adjusting Screw	2
8	21-9380	Nut - Pivot	2
9	242-34	Stud - Axle Flange	10
10	21-8360	Clip - Retaining	2
11	28-0680	Brake Drum	2

Ref. No.	Part No.	Description	No. Used
12	43-6800	Nut - Lock, Flange Hd.	8
13	28-0670	Oil Seal	2
14	21-9440	Screw - Spring Adjusting	2
15	21-9460	Retainer - Parking Brake	4
16	84-8600	Brake Shoe Set (Incl. 4 Shoes)	1
17	21-9420	Spring - Shoe Return L.H.	2
18	21 -9430	Spring - Shoe Return R.H.	2
19	24-9180	Strut/Lever - Parking Brake	2
20	21-8320	Gasket - Wheel Bearing	2
21	28-0660	Screw - Cap Hex. Hd.	8
22	24-8840	Ring - Wheel Bearing	2

*Not Illustrated

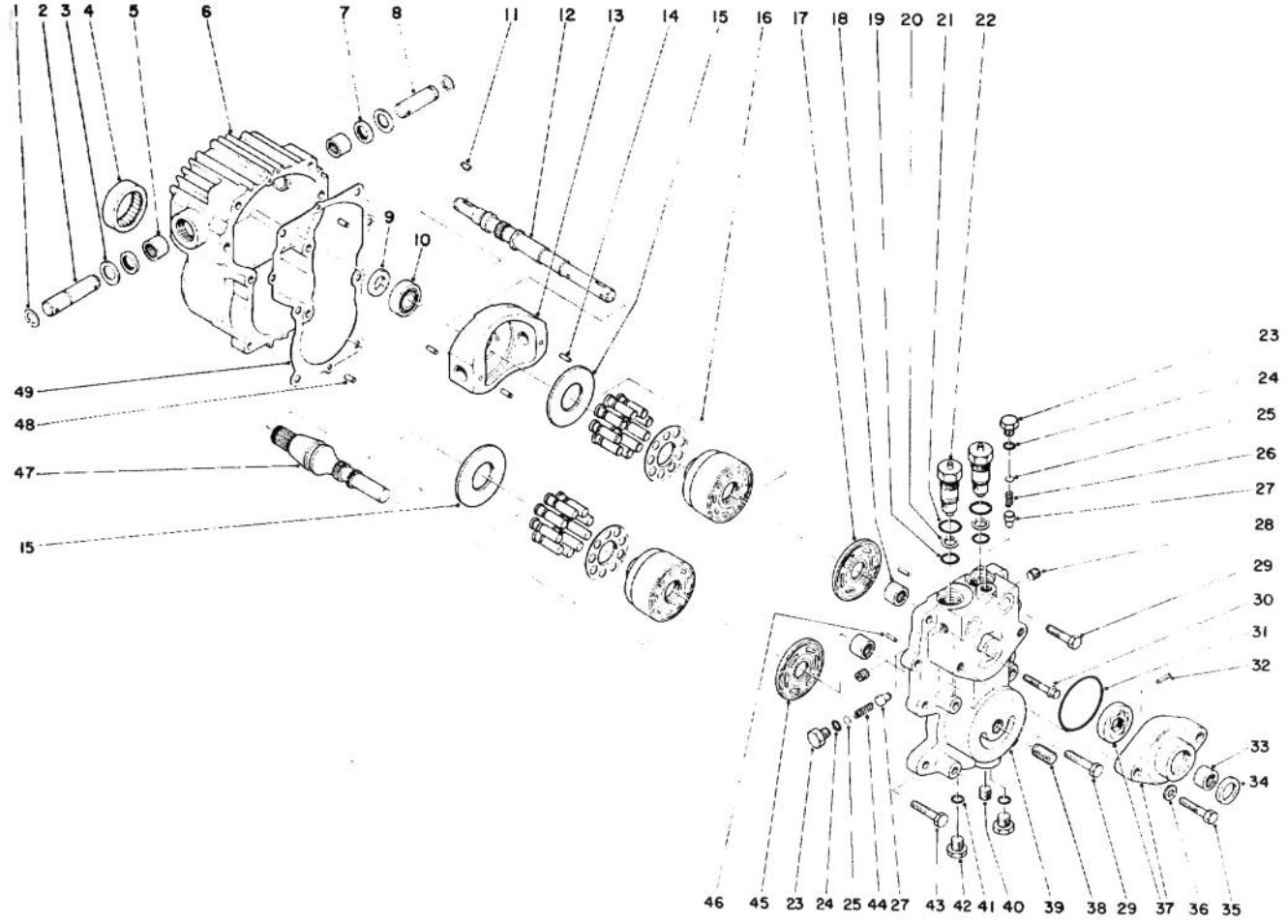


T-0605A

TRANSMISSION & DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-6410	Tube - Traction Control	1
2	3256-26	Washer - Flat	1
3	23-2270	Bushing - Rubber	1
4	3272-10	Pin - Cotter	1
5	27-3680	Spacer - Mounting	4
6	49-7910	Transmission	1
7	237-42	O-Ring	4
8	353-979	Hose Barb	1
9	66-3110	Hyd. Fitting	2
10	27-4370	Hub - Pump	1
11	3257-5	Key - Woodruff	1
12	3210-5	Screw - Cap Hex. Hd.	4
13	3241-6	Screw - Set	2
14	32152-5	Nut - Lock	6
15	27-6600	Spacer - Rubber	6
16	44-2230	Coupling - Rubber	2
17	63-6610	Drive Shaft	1
18	62-7400	Decal - Toro	1
19	42-9850	Washer - Lock	2
20	66-3160	Screw - Cap Hex. Hd.	2
21	3256-71	Washer - Flat	2
22	27-6590	Spacer	2

Ref. No.	Part No.	Description	No. Used
23	66-8490	Assembly - Hose	1
24	3210-8	Screw - Cap Hex. Hd.	2
25	237-22	O-Ring	1
26	82-8530	Fitting	1
27	23-2300	Oil Filter	1
28	323-39	Screw - Cap Hex. Hd.	3
29	27-9620	Screw - Cap Hex. Hd.	1
30	52-2340	Spacer	1
31	3253-21	Washer - Lock	4
32	66-3120	Hyd. Fitting - Cross	1
33	237-80	O-Ring	1
34	2412-108	Hose Clamp	4
35	66-8160	Hose	2
36	23-4810	Gear - Spur	1
37	32120-72	Ring - Retaining	1
38	27-3690	Gasket - Transmission	1
39	3296-39	Nut - Lock	2
40	2412-4	R-Clamp	1
41	63-7170	Anchor - Transmission	1
42	3218-3	Nut - Jam	2
43	67-1900	Screw - Cap Hex. Hd.	1
44	3256-24	Washer - Flat	1

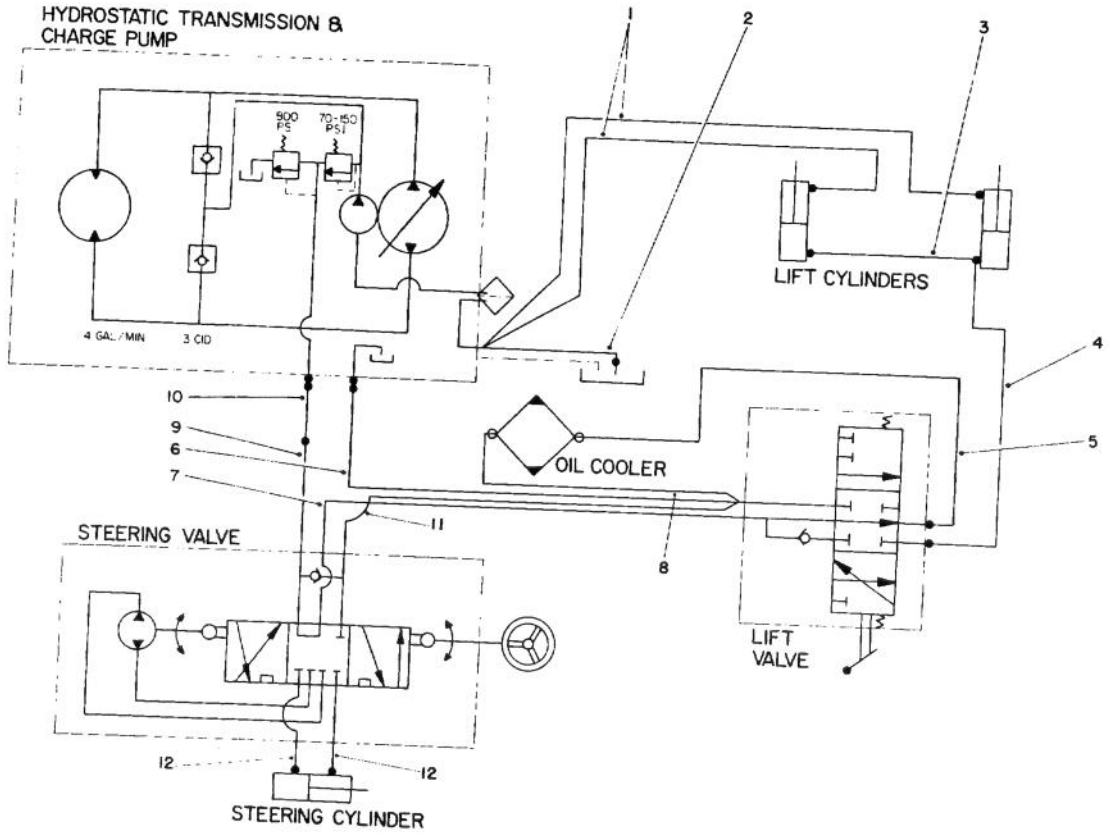


T-0536

TRANSMISSION ASSEMBLY NO. 49-7910

Ref. No.	Part No.	Description	No. Used
1	32151-46	Ring - Retaining	2
2	25-2500	Shaft - Trunion	1
3	25-2510	Washer	2
4	28-3300	Bearing - Roller	1
5	28-3310	Bearing - Needle	2
6	49-7870	Housing	1
7	25-3210	Lip Seal	2
8	28-3670	Shaft - Trunion	1
9	28-3660	Lip Seal	1
10	28-3650	Bearing - Ball	1
11	3257-5	Key - Woodruff	2
12	28-3640	Shaft - Pump	1
13	49-7820	Variable Swashplate	1
14	32121-91	Pin	3
15	25-2380	Plate - Thrust	2
16	48-1800	Kit - Cylinder Block	2
17	46-7320	Plate - Pump Valve	1
18	25-3300	Bearing - Needle	2
19	28-3590	O-Ring	2
20	28-3580	Ring - Backup	2
21	28-3570	O-Ring	2
22	49-7830	Assembly - Check Valve (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

Ref. No.	Part No.	Description	No. Used
26	46-7310	Relief Valve Spring Imp.	1
27	28-3420	Relief Valve Cone Charge	2
28	285-17	Plug - Pipe	4
29	323-8	Screw - Cap Hex. Hd.	2
30	28-3530	Screw - Cap Hex. Hd.	2
31	28-3520	O-Ring	1
32	38-2680	Pin	1
33	28-3480	Bearing - Needle	1
34	28-3470	Lip Seal	1
35	324-23	Screw - Cap Hex. Hd.	2
36	28-3450	Washer - Flat	2
37	38-2670	Kit - Charge Pump (Incl. Ref. #31-34)	1
38	25-2660	Union - Filter	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	Screw - Cap Hex. Hd.	4
44	25-2480	Relief Valve Spring Charge	1
45	28-3380	Plate - Motor Valve	1
46	25-2430	Pin	2
47	49-8200	Shaft - Motor	1
48	28-3350	Pin	2
49	28-3340	Gasket	1

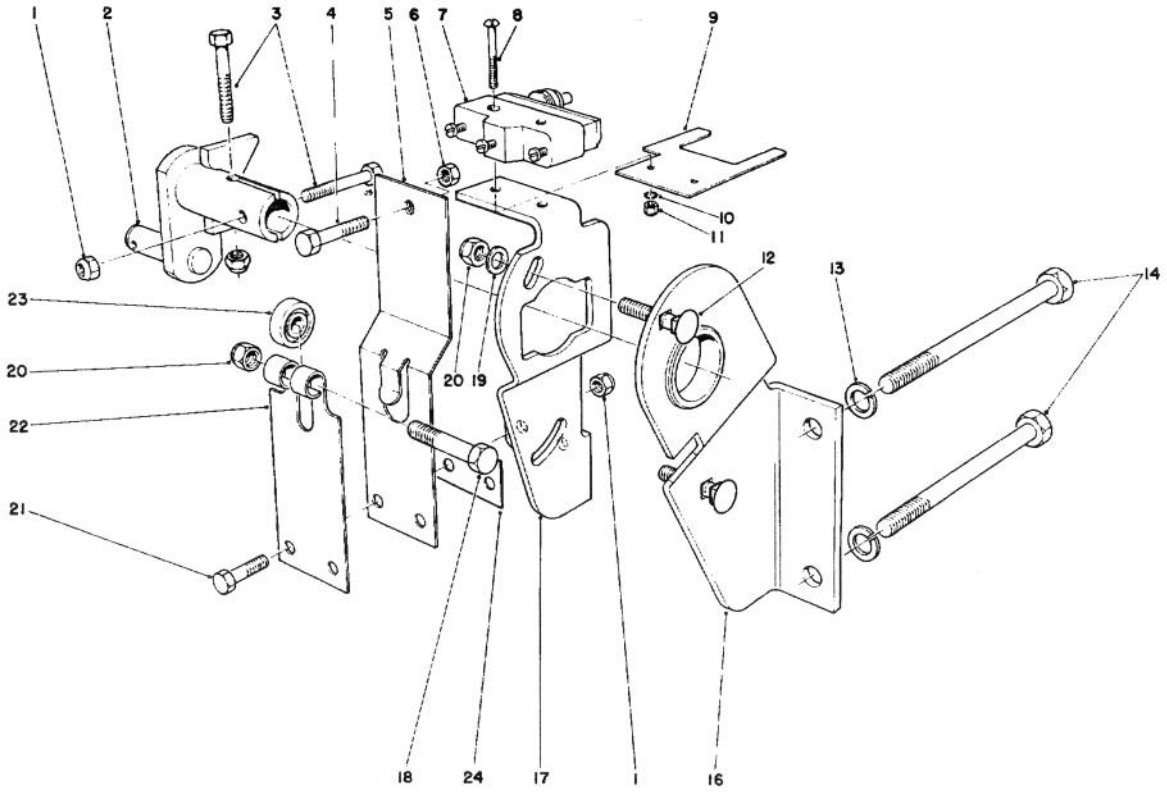


HYDRAULIC SCHEMATIC

T-0537

Ref. No.	Part No.	Description	No. Used
1	66-8160	Hose	2
2	66-8130	Hose	1
3	66-8190	Hose	1
4	66-8640	Hose	1
5	66-8180	Hose	1
6	66-8150	Hose	1

Ref. No.	Part No.	Description	No. Used
7	66-8630	Tube	1
8	66-8500	Hose	1
9	66-8620	Tube	1
10	66-8490	Hose	1
11	66-8140	Hose	1
12	66-8170	Hose	2

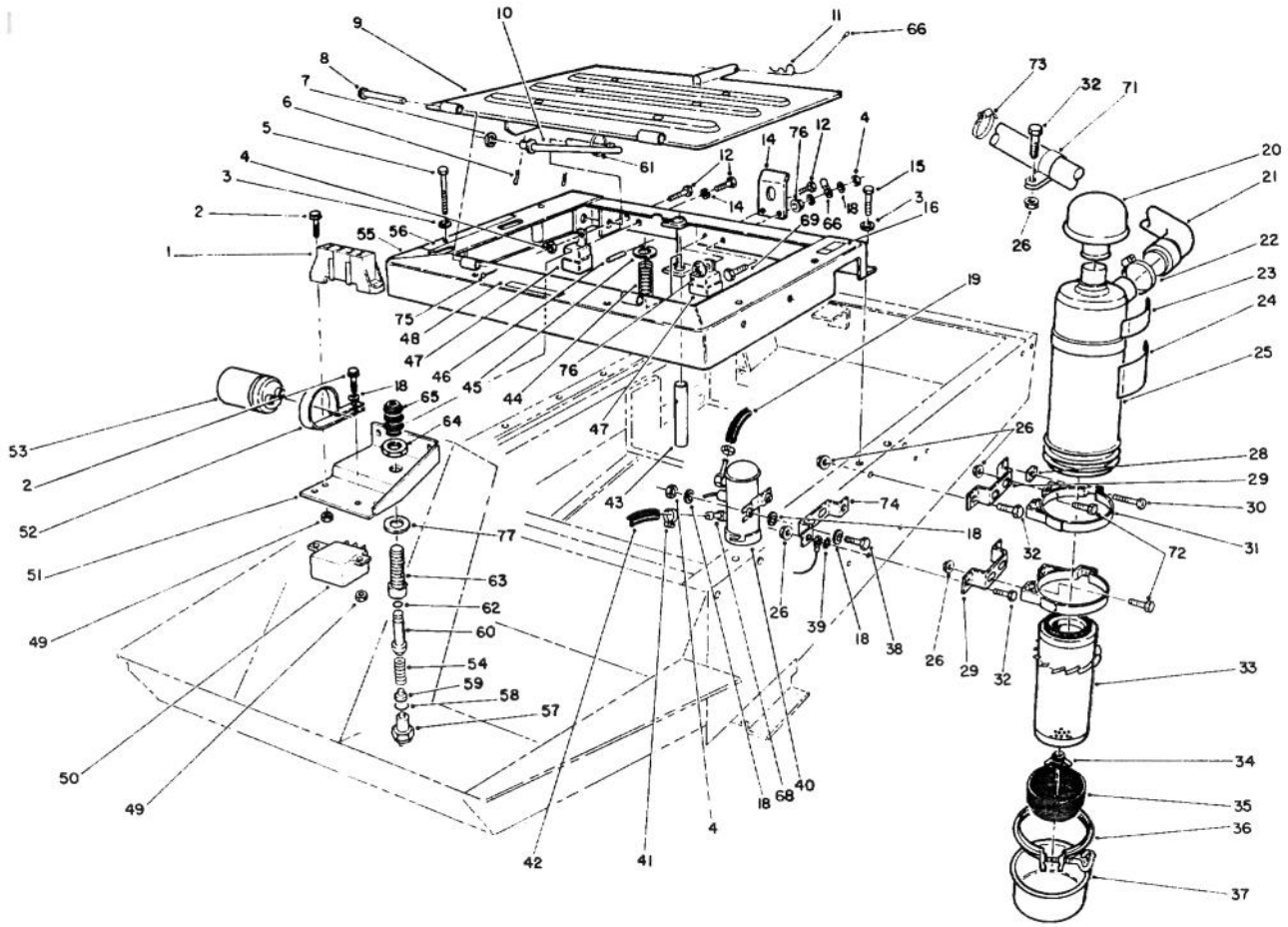


T-0538A

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	Screw - Cap Hex. Hd.	2
4	3210-7	Screw - Cap Hex. Hd.	1
5	29-6170	Spring - Extended Leaf	1
6	3219-2	Nut - Hex.	1
7	29-6162	Micro Switch	1
8	3249-11	Screw - Round Hd.	2
9	46-8810	Stop - Leaf Spring	1
10	3254-9	Washer - Lock I.T.L.W.	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	323-39	Screw - Cap Hex. Hd.	2
16	52-8890	Bracket - Mounting	2
17	52-9070	Plate - Pump	1
18	322-17	Screw - Cap Hex. Hd.	1
19	3256-23	Washer - Flat	2
20	3296-29	Nut - Lock	3
21	321-4	Screw - Cap Hex. Hd.	2
22	29-6150	Spring - Leaf	1
23	251-259	Bearing - Ball	1
24	51-3150	Shim	1

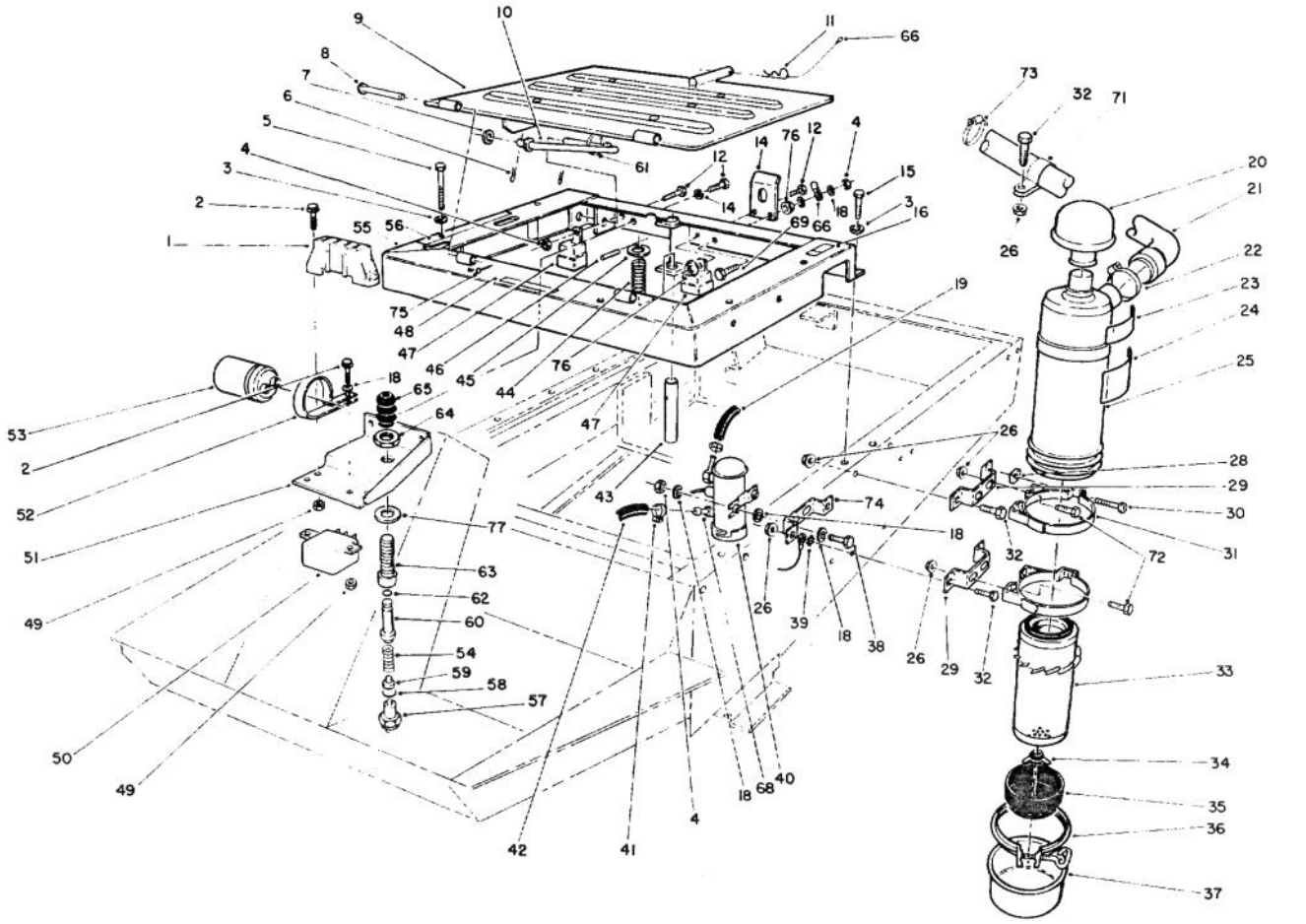


T-0606A

SEAT FRAME & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-7160	Fuse Block	1
2	3290-126	Screw - Cap Hex. Hd.	4
3	3256-70	Washer - Flat	6
4	3296-42	Nut - Lock	4
5	322-33	Screw - Cap Hex. Hd.	6
6	3272-11	Pin - Cotter	2
7	3256-24	Washer - Flat	1
8	283-49	Pin - Clevis	2
9	63-7080	Plate - Seat	1
10	66-2800	Rod - Seat Support	1
11	3290-255	Pin - Hair, Cotter	1
12	321-4	Screw - Cap Hex. Hd.	4
13	3253-3	Washer - Lock	2
14	66-2630	Latch - Seat	1
15	3234-17	Screw - Flange Hd.	2
16	52-1320	Decal - Diesel Fuel Only	1
18	3256-22	Washer - Flat	9
19	63-7620	Hose	1
20	27-7180	Assembly - Cap	1
21	63-6040	Hose - Air Cleaner Inlet	1
22	2412-42	Clamp - Hose	1
23	67-1700	Decal - Starting Fluid	1
24	27-7160	Decal - Instructions	1
25	27-7100	Assembly - Air Cleaner (Incl. Ref. #24 & 32-36)	1
26	32128-20	Nut - Flange	9

Ref. No.	Part No.	Description	No. Used
28	32107-11	Nut - Square	2
29	66-2451	Bracket - Air Cleaner	2
30	3258-19	Screw - Cap Hex. Hd.	2
31	27-7170	Assembly - Mounting Band (Incl. Ref. #28 & 30)	2
32	322-5	Screw - Cap Hex. Hd.	5
33	27-7110	Assembly - Element	1
34	27-7120	Assembly - Nut & Gasket	1
35	27-7140	Skirt - Baffle	1
36	27-7130	Assembly - Clamp	1
37	27-7150	Assembly - Cup	1
38	321-8	Screw - Cap Hex. Hd.	2
39	3255-8	Washer - Lock, Ext. Tooth	1
40	53-8150	Pump - Fuel	1
41	2412-108	Clamp - Hose	4
42	63-7630	Hose	1
43	66-2590	Pin - Seat Spring	1
44	37-9590	Spring - Compression	1
45	3256-27	Washer - Flat	1
46	32121-6	Pin - Roll	1
47	63-7590	Relay	2
48	67-1710	Decal - Interlock	1
49	3296-12	Nut - Lock	4
50	66-8800	Relay	1
51	70-7290	Bracket - Seat Switch	1
52	2412-74	R-Clamp	1



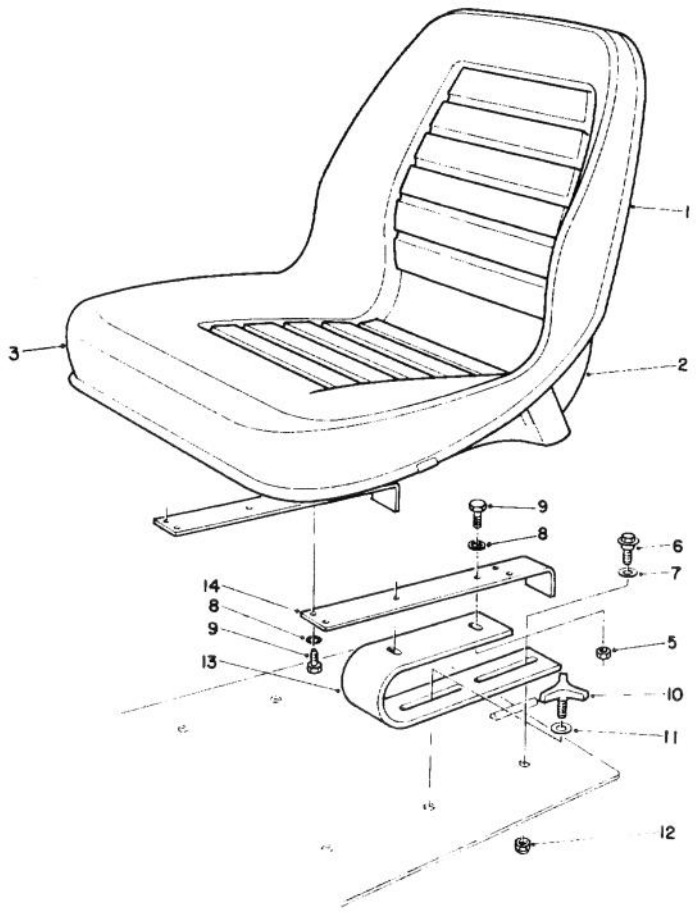
T-0606A

SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	37-2690	Capacitor	1
54	43-8600	Spring - Compression	1
55	85-7520	Frame - Seat	1
56	66-8750	Decal - Control Levers	1
57	72-4320	Switch	1
58	237-30	O-Ring	1
59	43-8610	Guide - Spring & Ball Seat	1
60	43-8860	Plunger - Switch	1
61	3290-378	Tie - Cable	1
62	237-7	O-Ring	1
63	43-8620	Guide - Switch Pin	1
64	218-461	Nut - Jam	1
65	43-8870	Boot - Switch	1
66	28-8070	Lanyard	1

Ref. No.	Part No.	Description	No. Used
68	67-1690	Fitting	2
69	321-6	Screw - Cap Hex. Hd.	1
71	2412-107	R-Clamp	1
72	322-3	Screw - Cap Hex. Hd.	4
73	2412-92	Clamp - Hose	1
74	66-2450	Bracket - Air Cleaner	1
75	3272-4	Pin - Cotter	2
76	32128-33	Nut - Hex. Flange	2
77	3256-69	Washer - Flat	1
*	43-9071	Switch - Seat (Incl. Ref. #54, 57-60 & 62-65)	1

*Not Illustrated



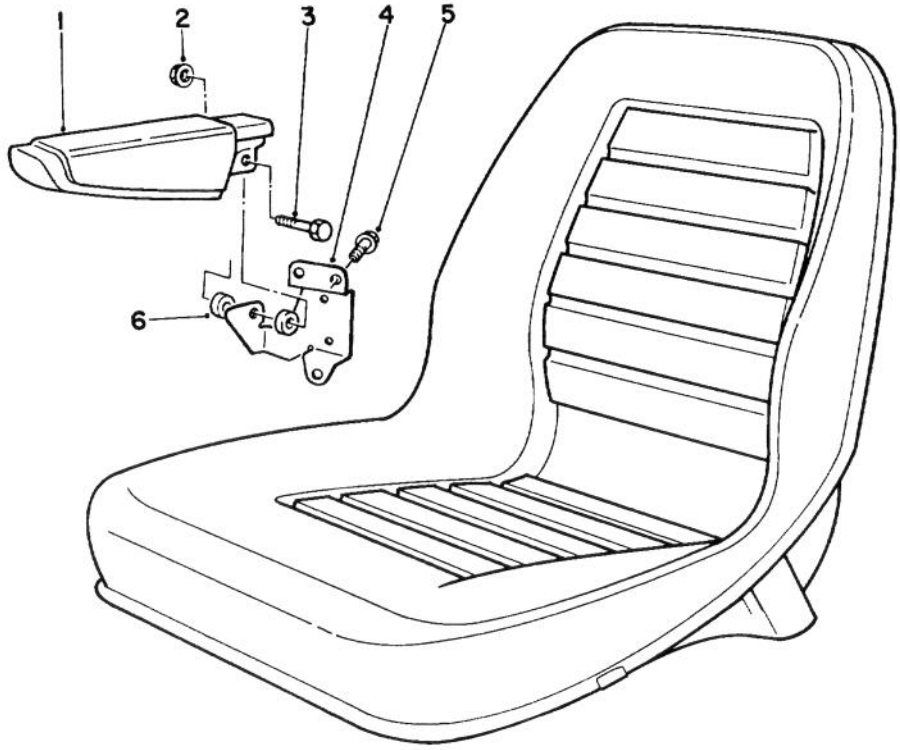
STANDARD SEAT KIT MODEL NO. 30769

T-0777

Ref. No.	Part No.	Description	No. Used
1	67-9550	Cushion - Seat	1
2	67-9560	Shell - Seat	1
5	3217-6	Nut - Hex	4
6	27-5240	Bolt - Shoulder	2
7	3256-26	Washer - Flat	2
8	3253-4	Washer - Lock	8
9	322-5	Screw - Cap Hex. Hd.	8

Ref. No.	Part No.	Description	No. Used
10	27-4570	Handle - Adjustment	2
11	36-8020	Washer	2
12	3296-39	Nut - Lock	2
13	46-9110	Spring - Seat	2
14	46-9120	Mount - Seat	2
*	66-5400	Assembly - Seat (Incl. Ref. #1 & 2)	1

*Not Illustrated



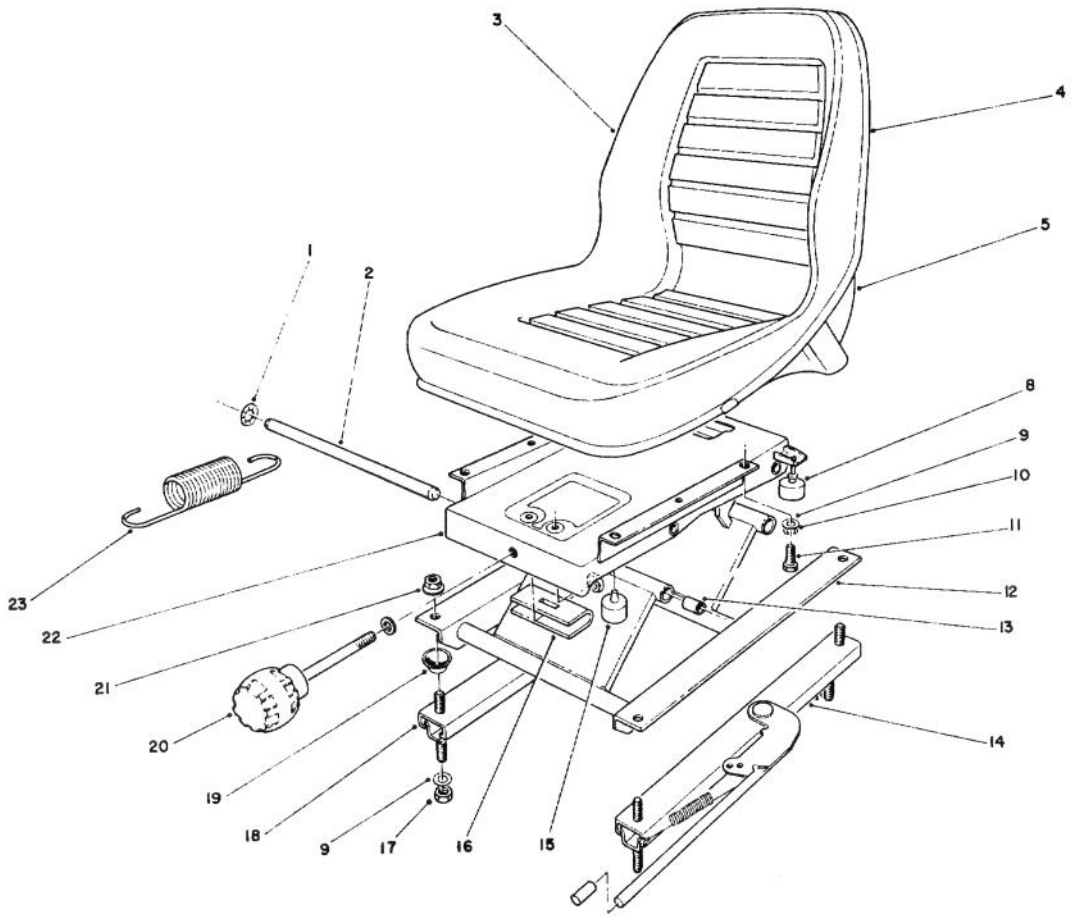
T-0634

ARMREST KIT MODEL NO. 30707

Ref. No.	Part No.	Description	No. Used
1	69-1180	Armrest	2
2	32128-19	Nut - Lock, Flange	2
3	323-9	Screw - Cap Hex. Hd.	2
4	69-0770	Bracket - R.H. Arm	1

Ref. No.	Part No.	Description	No. Used
*	69-0760	Bracket - L.H. Arm	1
5	3234-14	Screw - Cap Hex. Flange	6
6	69-1260	Spacer	4

*Not Illustrated



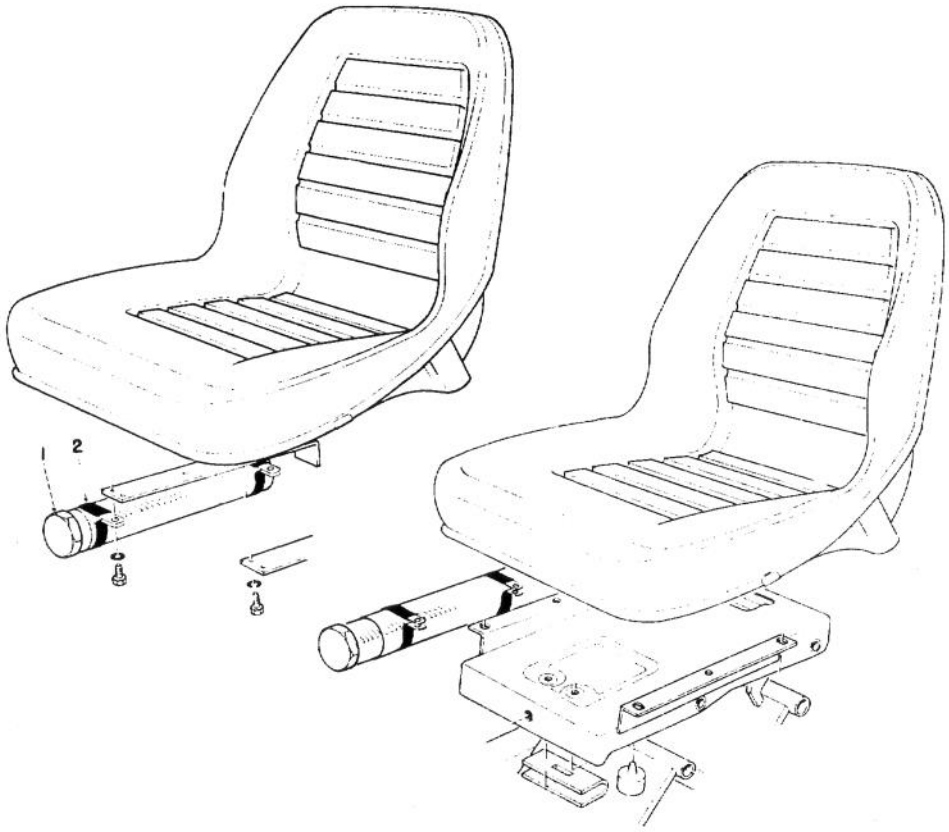
T-0454

DELUXE SEAT KIT MODEL NO. 30772

Ref. No.	Part No.	Description	No. Used
1	66-8560	Nut - Push	4
2	76-1910	Shaft - Pivot	2
3		Cushion - Seat	1
4		Trim - Seat	1
5		Base - Seat	1
8	76-2940	Bumper	2
9	3256-2	Washer - Flat	8
10	3253-4	Washer - Lock	4
11	322-3	Screw - Cap Hex. Hd.	4
12	66-8610	Frame - Lower	1
13	76-1920	Bearing - Sleeve	4
14	66-8510	Adjuster w/Handle	1
15	66-8520	Bumper - Stop	2

Ref. No.	Part No.	Description	No. Used
16	66-8540	Hanger - Spring	1
17	3296-29	Nut - Hex.	4
18	66-8530	Adjuster	1
19	66-9290	Spacer - Suspension	4
20	76-1930	Knob Adjustment	1
21	32128-25	Nut - Lock, Flange	4
22	66-8600	Frame - Upper	1
23	76-1940	Spring - Extension	2
*	66-5400	Assembly - Seat (Incl. Ref. #3-5)	1
A			

*Not Illustrated

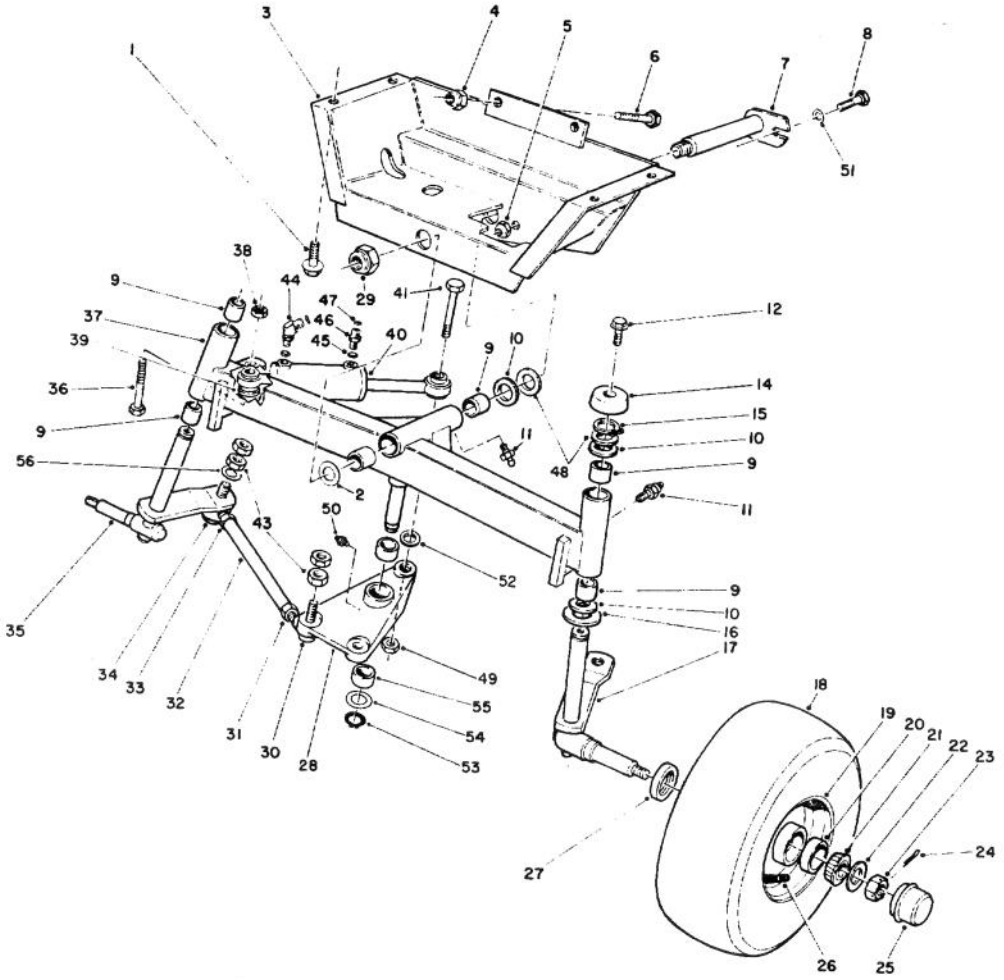


T-1253

MANUAL STORAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube - Manual	1

Ref. No.	Part No.	Description	No. Used
2	2412-133	R-Clamp	2

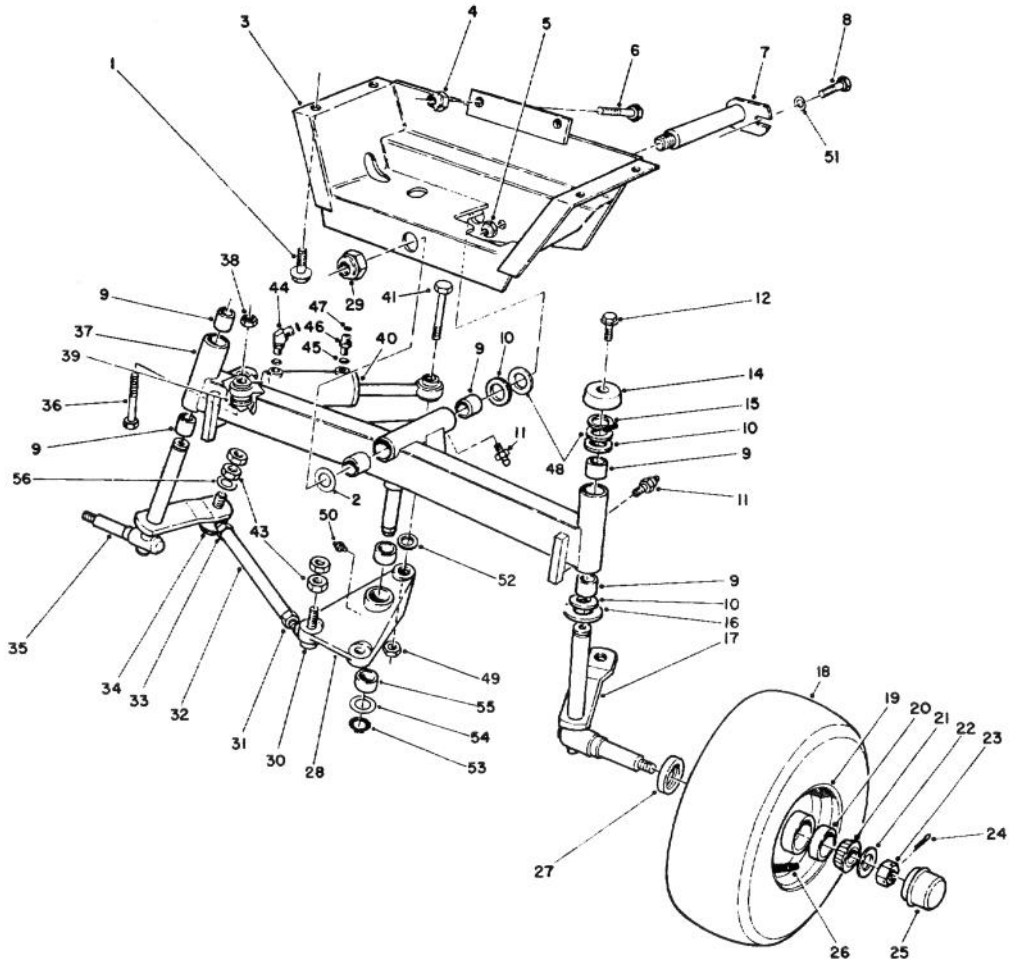


T-0540A

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-25	Screw - Flange	4
2	71-4540	Washer - Thrust	1
3	63-6430	Frame - Rear	1
4	3296-25	Nut - Lock	2
5	3296-42	Nut - Lock	1
6	325-5	Screw - Cap Hex. Hd.	2
7	63-6770	Pin - Rear Axle	1
8	321-4	Screw - Cap Hex. Hd.	1
9	67-1750	Bushing	6
10	10-8110	Washer	5
11	302-5	Fitting - Grease	3
12	3234-13	Screw - Flange Hd.	2
14	66-2990	Cap - Spindle	2
15	32151-36	Ring - Retaining	2
16	256-121	Washer - Thrust	2
17	76-4510	Spindle - Wheel L.H.	1
18	231-105	Tire	2
19	217-118	Rim	2
20	254-72	Cup - Bearing	4
21	254-94	Cone - Bearing	4
22	3256-28	Washer - Flat	2
23	32136-5	Nut - Castle	2
24	3272-13	Pin - Cotter	2
25	241-119	Cap - Hub	2
26	232-35	Stem - Valve	2
27	253-129	Seal - Hub	2

Ref. No.	Part No.	Description	No. Used
28	76-4810	Pivot - Steering (Incl. Ref. #50 & 55)	1
29	3296-51	Nut - Lock	1
30	21-0151	Joint - Ball L.H.	2
31	3220-12	Nut - Jam L.H.	2
32	63-6880	Rod - Tie	2
33	3220-5	Nut - Jam R.H.	2
34	21-0141	Joint - Ball R.H.	2
35	76-4520	Spindle - Wheel R.H.	1
36	67-7300	Screw Hex Hd.	1
37	76-3000	Axle-Rear (Incl. Ref. #9 & 11)	1
38	32153-6	Nut - Hex Lock	1
39	67-7250	Spacer Cyl.	1
40	76-2070	Cylinder - Steering	1
41	328-25	Screw - Cap Hex. Hd.	1
43	3220-3	Nut - Jam	8
44	340-103	Fitting - 45° Elbow (Incl. Ref. #45 & 47)	1
45	237-78	Seal - O-Ring	2
46	340-92	Fitting - Straight	1
47	237-21	Seal - O-Ring	2
48	56-2460	Washer - Flat	A/R
49	32128-45	Nut - Flange Lock	1
50	302-62	Fitting - Grease	1
51	3256-22	Washer - Flat	1

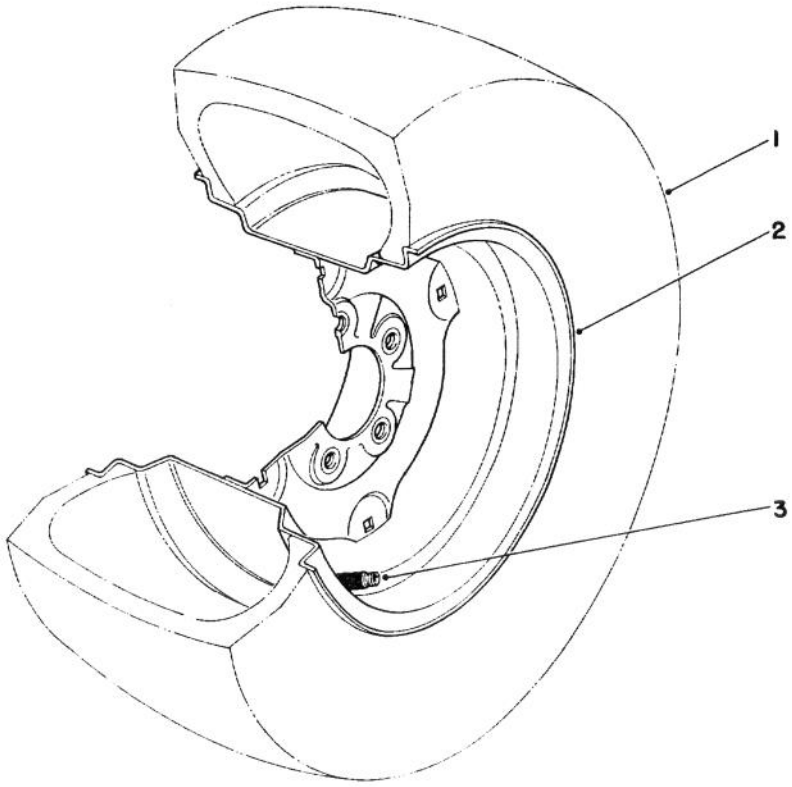


T-0540A

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	67-9410	Washer - Flat	1
53	32151-77	Ring - Retaining	1
54	76-2980	Washer - Thrust	1

Ref. No.	Part No.	Description	No. Used
55	76-2970	Bushing	2
56	3256-24	Washer - Flat	2

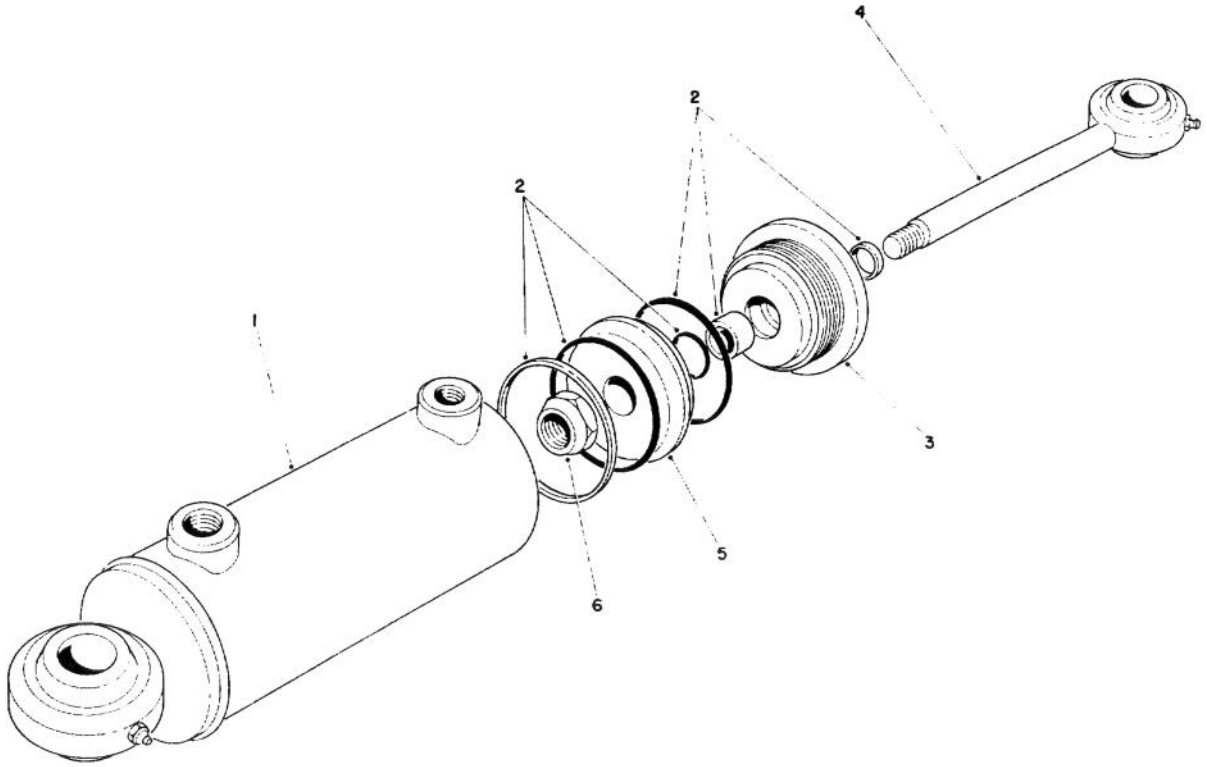


T-0449

TIRE & WHEEL ASSEMBLY 23 X 10.5 X 12 NO. 62-7020 (Optional)

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

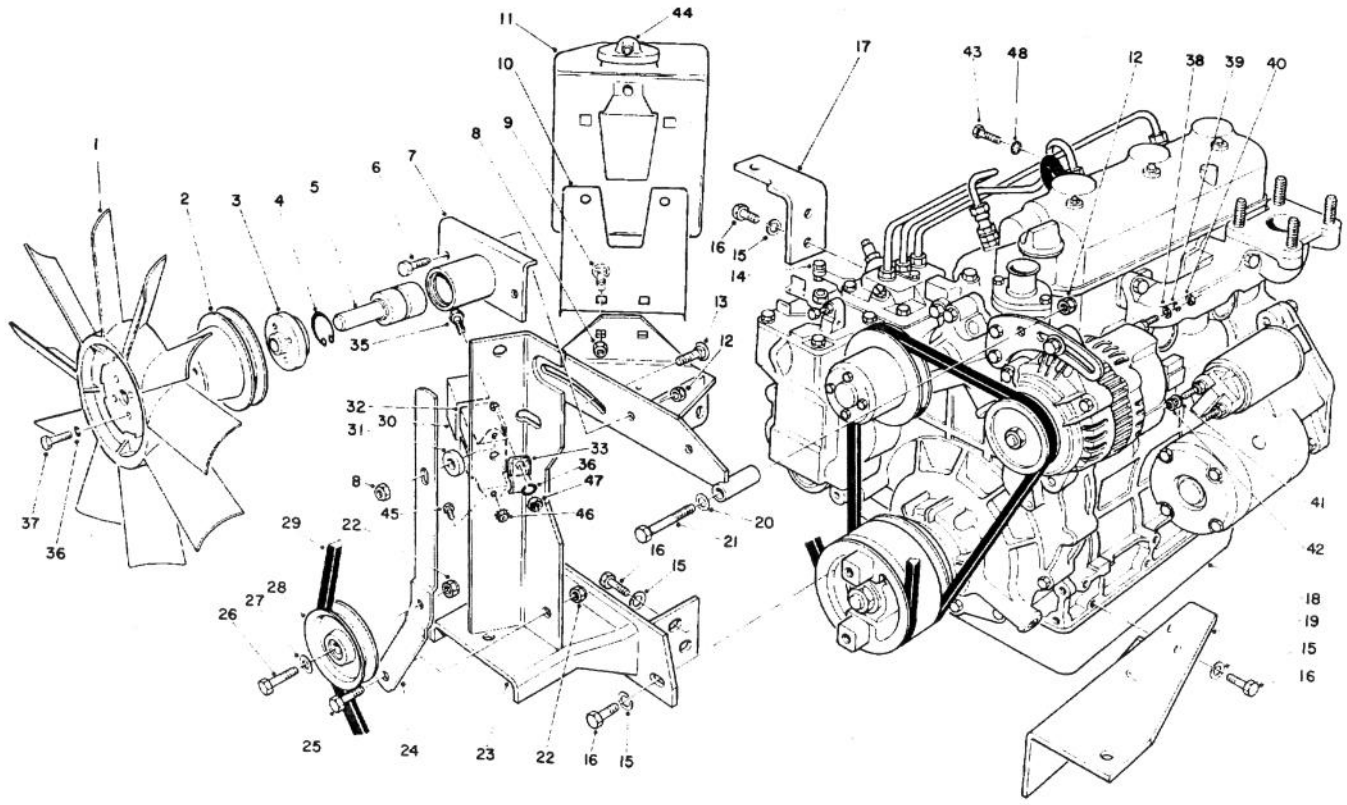


T-0541

HYDRAULIC CYLINDER NO. 76-2070

Ref. No.	Part No.	Description	No. Used
1	66-2770	Tube - Cylinder	1
2	76-2090	Kit - Seal	1
3	76-2790	Gland	1

Ref. No.	Part No.	Description	No. Used
4	76-2080	Assembly - Piston Rod	1
5	66-1940	Piston	1
6	66-1930	Nut - Lock	1

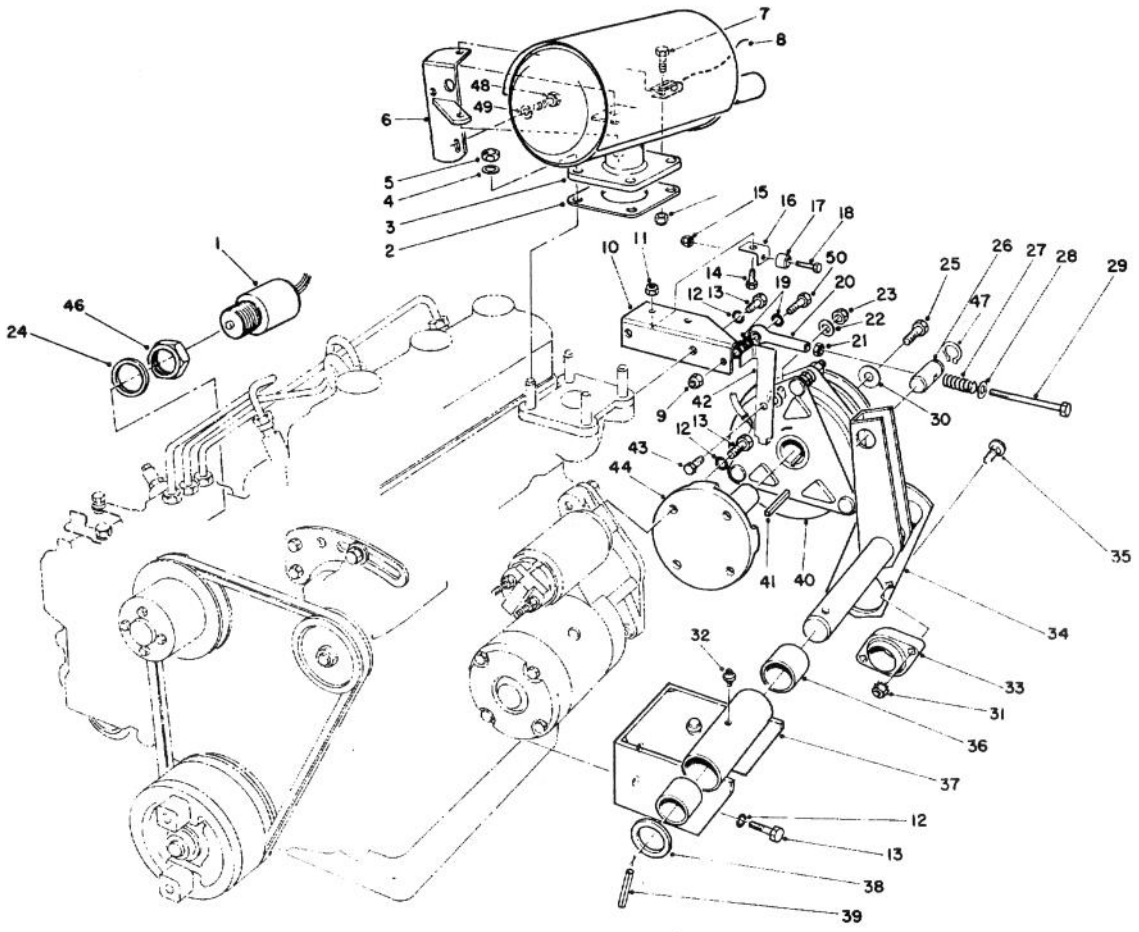


T-0542A

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84-1880	Fan - Cooling	1
2	84-1890	Pulley - Fan	1
3	84-1930	Hub - Fan	1
4	32120-10	Ring - Retaining	1
5	36-7290	Shaft & Bearing	1
6	322-4	Screw	2
7	84-1940	Hub	1
8	32128-20	Nut - Flange	3
9	3230-23	Bolt - Carriage	2
10	66-2440	Plate - Reservoir	1
11	63-7380	Tank - Expansion (Incl Ref. #44)	1
12	3296-29	Nut - Lock	3
13	3230-2	Bolt - Carriage	1
14	63-6760	Swivel - Throttle Cable	1
15	48-9590	Washer - Lock	8
16	63-7790	Screw	8
17	71-2910	Angle - Engine Mount	1
18	75-0900	Engine	1
19	66-2320	Mount - Engine	1
20	3256-23	Washer - Flat	1
21	322-11	Screw - Cap Hex. Hd.	1
22	3296-39	Nut - Lock	2
23	84-1870	Bracket WA.	1
24	63-6720	Lever - Idler	1

Ref. No.	Part No.	Description	No. Used
25	323-6	Screw - Cap Hex. Hd.	1
26	323-8	Screw - Cap Hex. Hd.	1
27	3256-24	Washer - Flat	1
28	63-8140	Pulley	1
29	84-7720	Belt - Fan	1
30	70-8560	Retainer - Glow Plug	1
31	52-2340	Spacer	1
32	66-8700	Indicator - Glow (Incl. Ref. #30)	1
33	3-6657	Clip - Skid	1
35	321-4	Screw - Cap Hex. Hd.	1
36	3253-3	Washer - Lock	5
37	321-3	Screw - Cap Hex. Hd.	4
38	5-3637	Washer - Flat	1
39	43-5920	Washer - Lock	1
40	43-5970	Nut - Hex.	1
41	42-9850	Washer - Lock	2
42	57-6390	Nut - Hex.	2
43	48-7680	Screw - Hex.	1
44	71-1520	Cap - Reservoir	1
45	32105-8	Screw	2
46	32149-7	Nut - Keps	2
47	3217-5	Nut - Hex.	1
48	3254-2	Washer - Lock, Int. Tooth	1



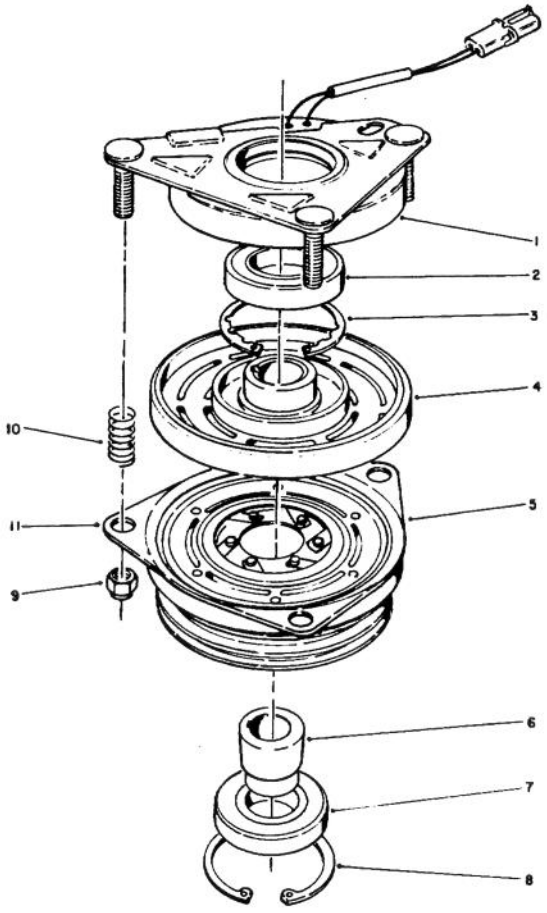
T-0543A

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7440	Solenoid - Stop	1
2	53-8130	Gasket - Exhaust	1
3	84-1910	Muffler	1
*	75-6880	Spark Arrester Screen (Optional)	1
4	42-9850	Washer - Lock	4
5	48-7930	Nut - Hex.	4
6	66-2360	Support - Muffler	2
7	322-5	Screw - Cap Hex. Hd.	1
8	66-2870	Cable - Hood Stop	1
9	3296-29	Nut - Lock	2
10	63-6700	Bracket	1
11	3296-42	Nut - Lock	2
12	48-9590	Washer - Lock	10
13	63-7790	Screw	10
14	321-3	Screw - Cap Hex. Hd.	2
15	3296-9	Nut - Lock	2
16	63-8230	Angle - Clutch Anchor	2
17	66-2910	Bumper - Rubber	2
18	3250-39	Screw - Pan Head	2
19	3256-23	Washer - Flat	4
20	66-2900	Tie Rod End	1
21	3220-2	Nut - Jam	1
22	3256-24	Washer - Flat	2
23	3296-59	Nut - Lock	1
24	43-2740	Gasket	1

Ref. No.	Part No.	Description	No. Used
25	3212-5	Screw	1
26	63-6290	Pin - Tension	1
27	3-6624	Spring	1
28	4-2390	Washer	1
29	66-3100	Screw	1
30	67-1631	Spacer	1
31	32149-1	Nut - Keps	2
32	302-5	Fitting - Grease	1
33	251-335	Bearing	1
34	63-6250	Shaft - PTO Tension	1
35	3230-4	Bolt - Carriage	2
36	256-299	Bushing	2
37	67-1800	Pivot Plate (Incl. Ref. #32 & 36)	1
38	3-4324	Washer	1
39	32121-32	Pin - Roll	1
40	63-6050	Clutch - Electric	1
41	63-8150	Key	1
42	63-6690	Lever - Clutch Anchor	1
43	323-34	Screw - Cap Hex. Hd.	1
44	63-6030	Hub - Clutch	1
46	43-2750	Nut - Jam	1
47	32151-83	Snap Ring	2
48	66-3160	Screw	1
49	3253-4	Washer - Lock	1
50	322-6	Screw - Cap Hex. Hd.	1

*Not Illustrated

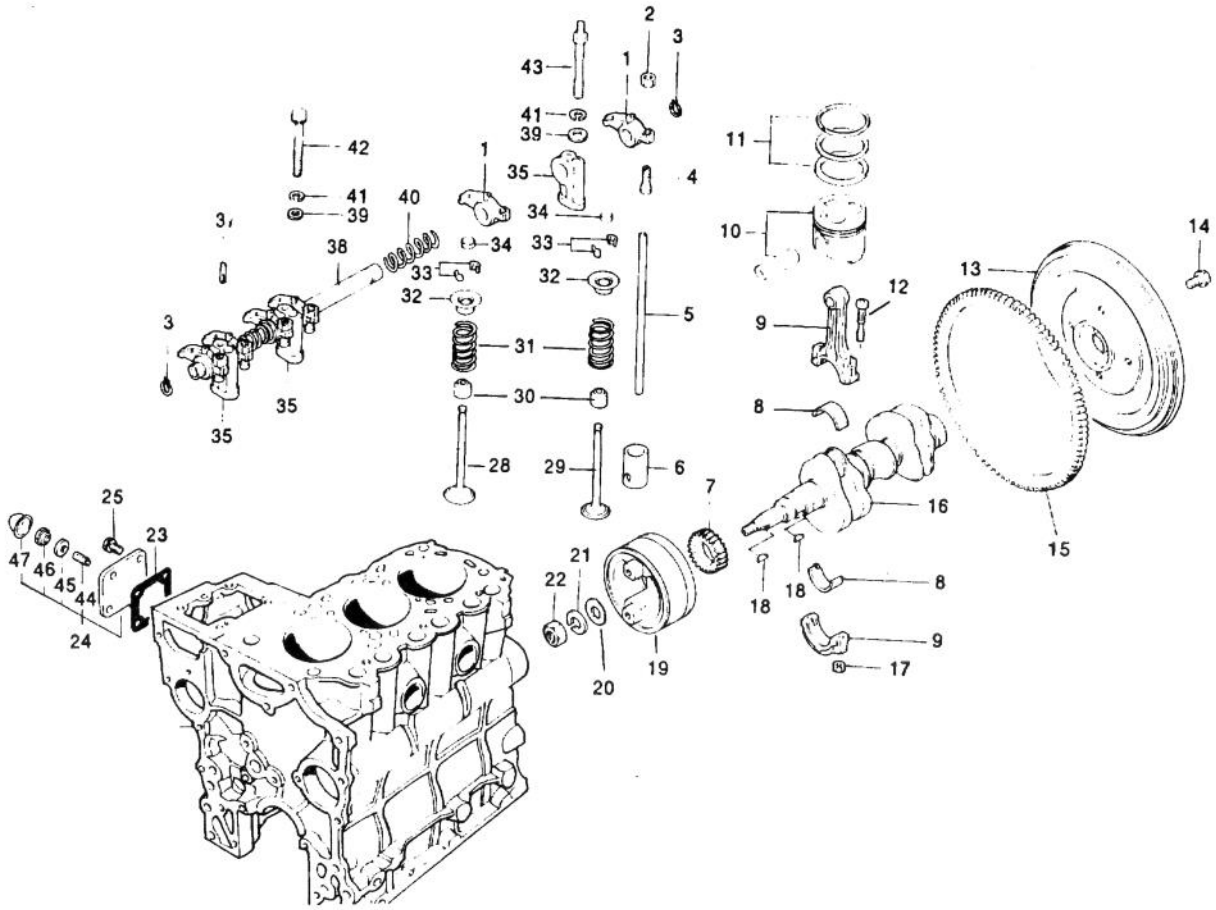


T-0544

CLUTCH ASSEMBLY NO. 63-6050

Ref. No.	Part No.	Description	No. Used
1	67-7050	Field Rotor Assembly (Incl. Ref. #2-4)	1
2		Bearing - Field	1
3		Ring - Retaining	1
4		Field Coil Assembly	1
5	67-7070	Armature & Pulley Assembly (Incl. Ref. #6-8)	1

Ref. No.	Part No.	Description	No. Used
6	67-7080	Collar - Bearing	1
7	67-7090	Bearing - Pulley	1
8	67-7060	Ring - Retaining	1
9	3296-6	Nut - Lock	3
10	44-8320	Spring	3
11	67-7100	Plate - Brake	1



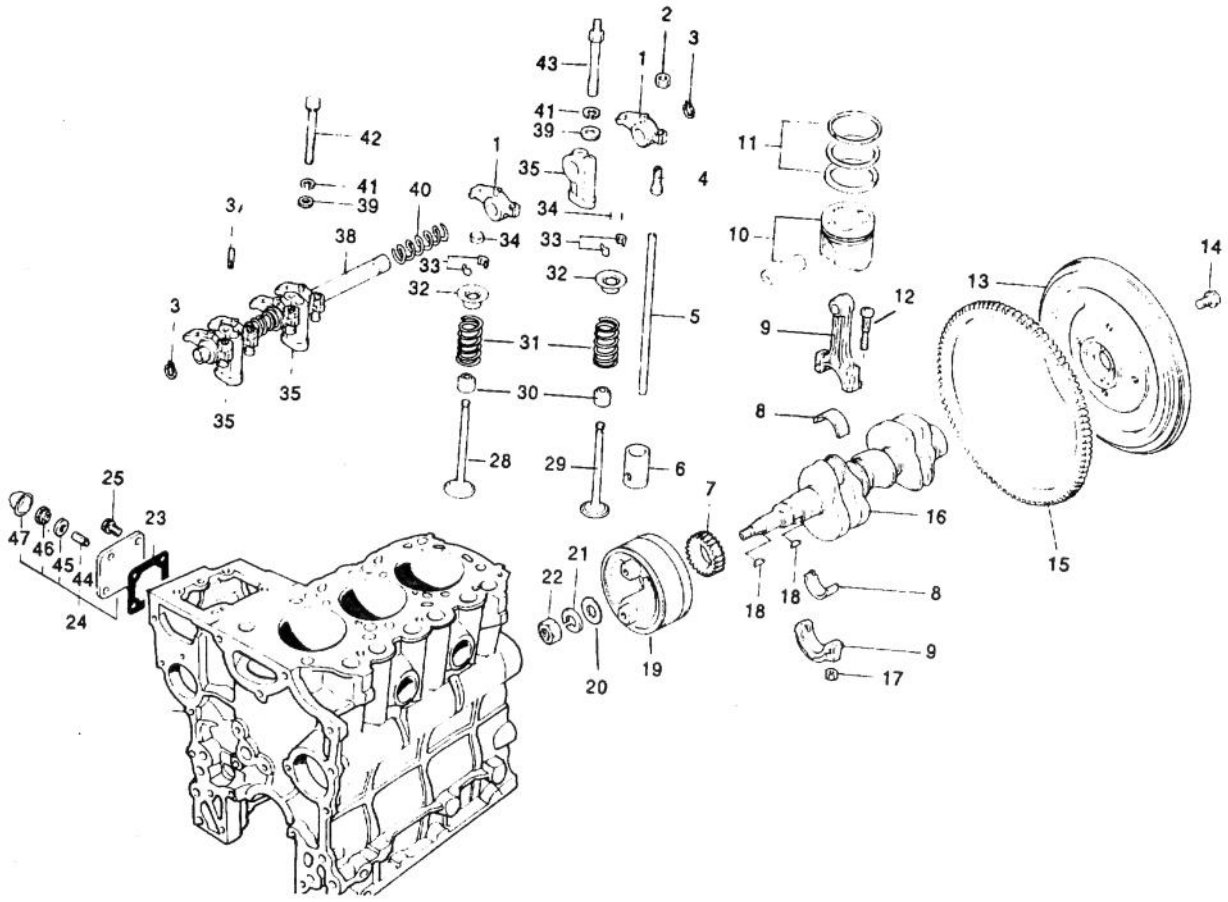
T-0565

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6
2	67-3230	Nut - Jam	6
3	67-3240	Snap Ring	2
4	67-3210	Screw - Adjusting	6
5	67-3150	Rod-Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	75-5010	Bearing Set STD	3
*	67-2890	Bearing Set 0.25 mm US	3
*	67-2900	Bearing Set 0.50 mm US	3
9	67-2850	Rod Assembly-Connecting (Incl. Ref. #12 & 17)	3
10	75-5080	Piston & Pin Set STD	3
*	75-5090	Piston & Pin Set 0.25 mm OS	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3
11	75-5050	Ring Set STD	3
*	75-5060	Ring Set 0.25 mm OS	3
*	75-5070	Ring Set 0.50 mm OS	3
12	67-2860	Bolt	6
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
14	67-2990	Bolt	4
15	67-2980	Gear - Ring	1
16	67-2920	Crankshaft	1
17	42-9590	Nut	6
18	56-0480	Key - Woodruff	2
19	67-2930	Pulley - Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer - Lock	1
22	67-2940	Nut - Jam	1
23	67-4310	Gasket	1
24	75-5110	Cover Assy. (Incl. Ref. #44-47)	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve - Intake	3
29	67-3140	Valve - Exhaust	3
30	42-7870	Seal	6
31	67-3110	Spring	6
32	67-3100	Retainer	6
33	42-7860	Lock	12
34	67-3180	Cap	6
35	67-3200	Stay - Rocker	3
37	67-3220	Pin	1
38	67-3190	Rocker Shaft Assembly	1

*Not Illustrated

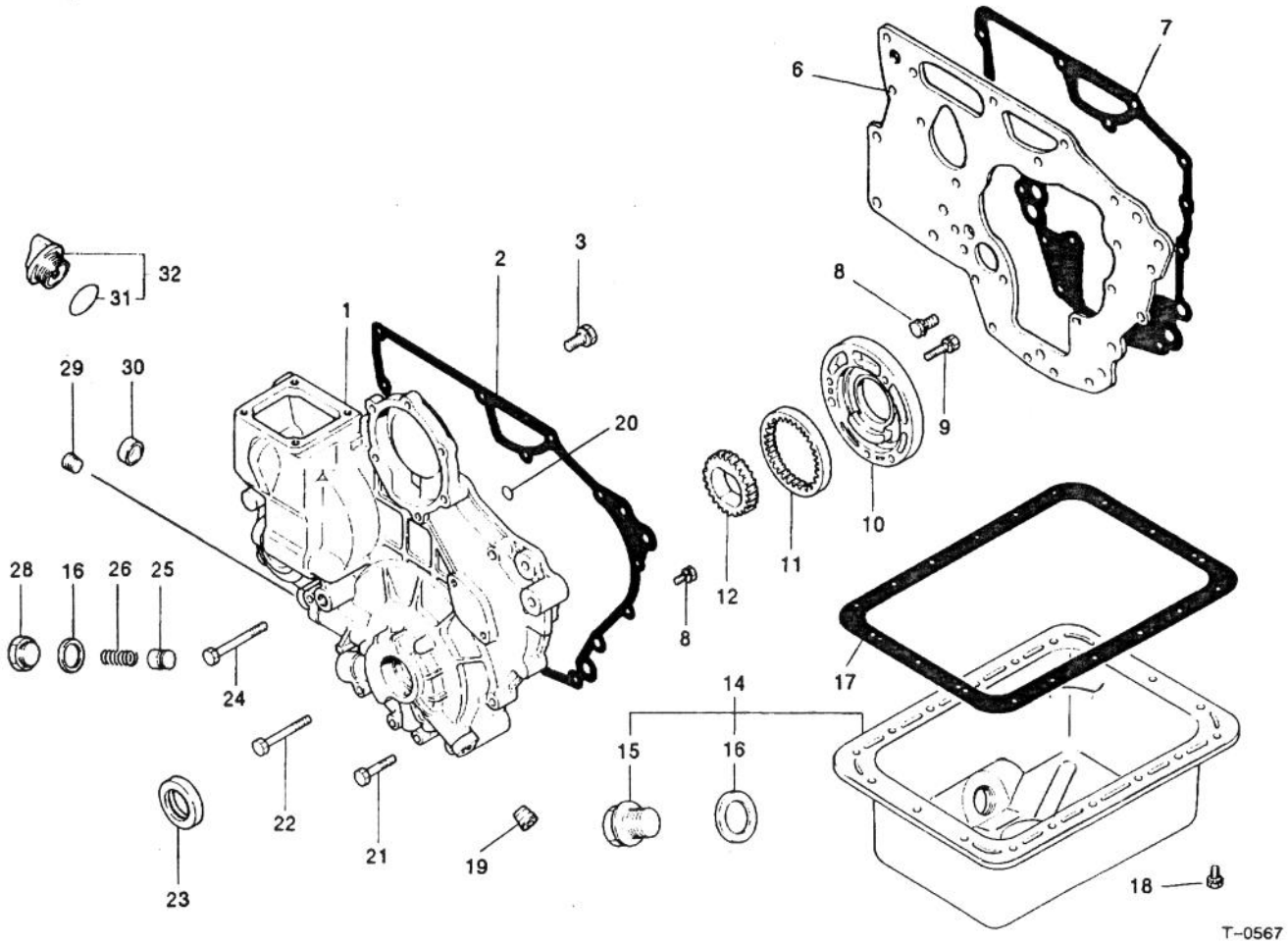


T-0565

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	42-9660	Washer	3
40	67-3170	Spring	2
41	67-3260	Washer	3
42	42-9510	Bolt	1
43	67-3250	Bolt-Rocker Stay	2

Ref. No.	Part No.	Description	No. Used
44	43-3160	Screw - Adjusting	1
45	75-5120	Gasket	1
46	43-5960	Nut - Special	1
47	43-2820	Cap - Sealing	1

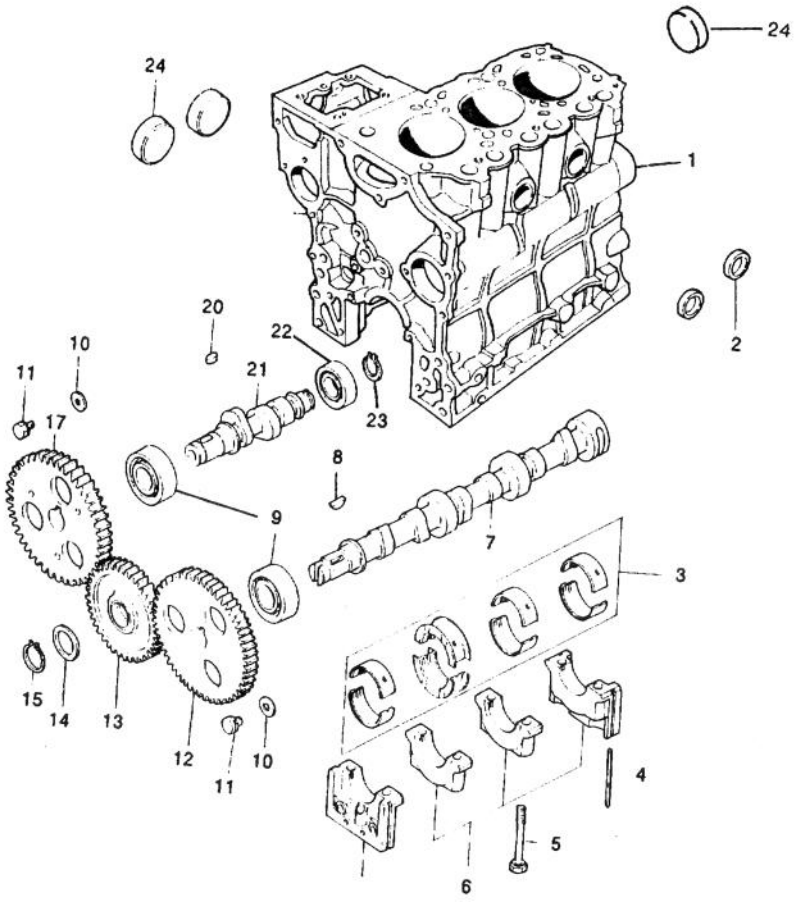


CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4920	Case	1
2	67-2580	Gasket - Case	1
3	67-2340	Bolt W/Washer	3
6	67-2310	Plate - Front	1
7	67-2320	Gasket - Plate	1
8	42-9440	Bolt W/Washer	11
9	67-2560	Bolt W/Washer	3
10	67-2550	Housing - Oil Pump	1
11	67-2540	Gear - Outer	1
12	67-2530	Gear - Inner	1
14	75-4910	Oil Pan Assembly (Incl. Ref. #15-16)	1
15	42-9260	Plug - Drain	1
16	42-7290	Gasket - Drain	2
17	67-2480	Gasket - Oil Pan	1
18	42-9490	Bolt W/Washer	18

Ref. No.	Part No.	Description	No. Used
19	42-7210	Plug-Taper	1
20	67-2630	Seal - O-Ring	2
21	67-2600	Bolt	3
22	67-2610	Bolt	4
23	67-2590	Seal - Oil	1
24	67-2620	Bolt	1
25	67-2500	Plunger - Relief	1
26	67-2510	Spring - Relief	1
28	67-2520	Plug	1
29	67-2570	Plug - Taper	1
30	67-2640	Cap	1
31	67-2660	Seal - O-Ring	1
32	67-2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
*	75-5040	Gasket Kit (Incl. Ref. #2, 7, 16 &17)	1

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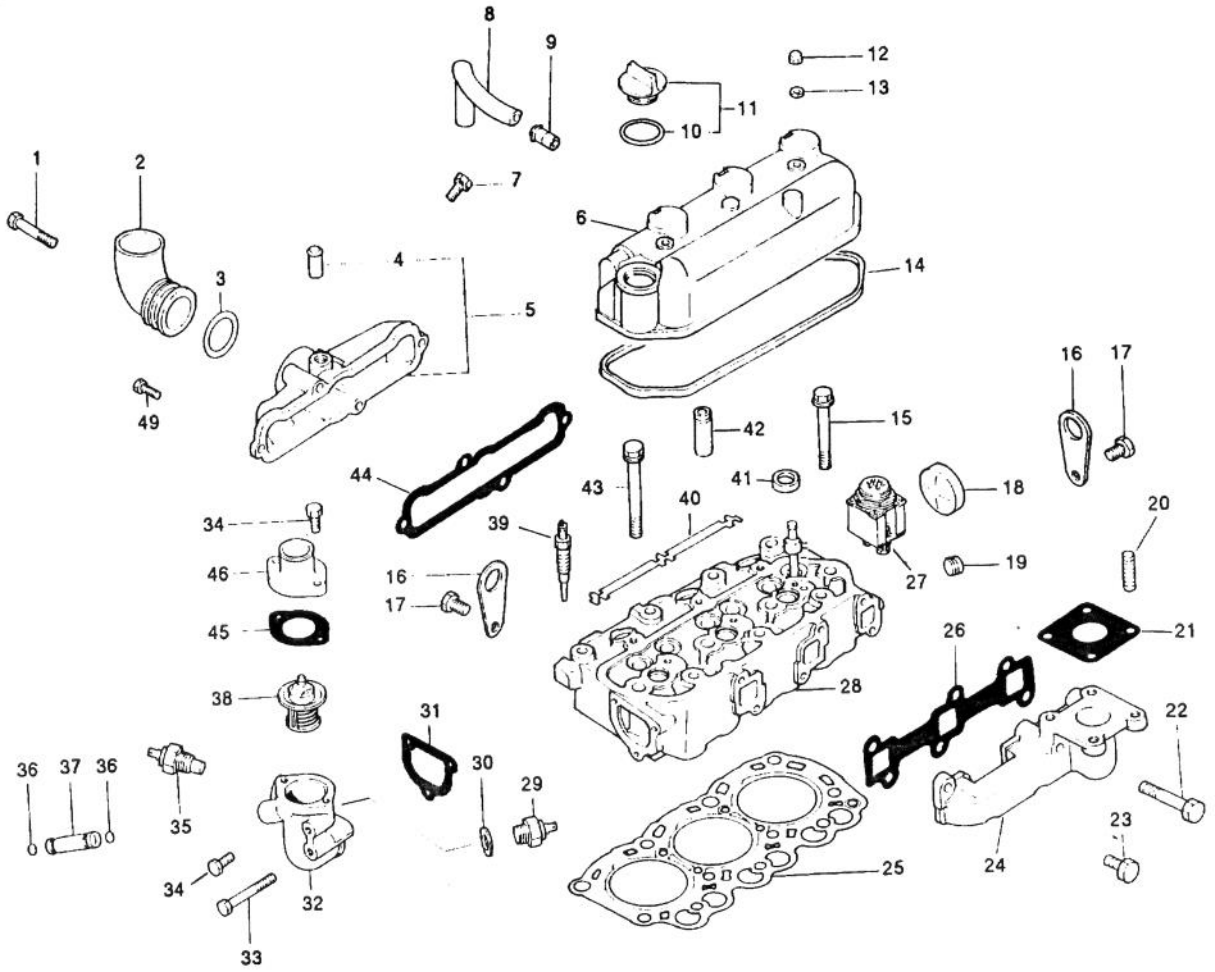
T-0564

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4960	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1
2	42-7080	Cap	2
3	75-4900	Bearing Set STD	1
*	67-2410	Bearing Set 0.25 mm US	1
*	67-2420	Bearing Set 0.50 mm US	1
4	67-2200	Seal	4
5	67-2250	Bolt	8
6		Cap Assembly	1
7	67-3010	Cam Shaft	1
8	56-0480	Key - Woodruff	1
9	67-3030	Bearing	2

Ref. No.	Part No.	Description	No. Used
10	67-3000	Washer	2
11	42-9490	Bolt W/Washer	2
12	67-3020	Gear	1
13	67-3090	Gear Assembly	1
14	67-3040	Plate	1
15	56-1060	Snap Ring	1
17	67-3070	Gear	1
20	42-7840	Key	1
21	67-3060	Shaft	1
22	67-3050	Bearing	1
23	67-3080	Snap Ring	1
24	56-0020	Plug	3

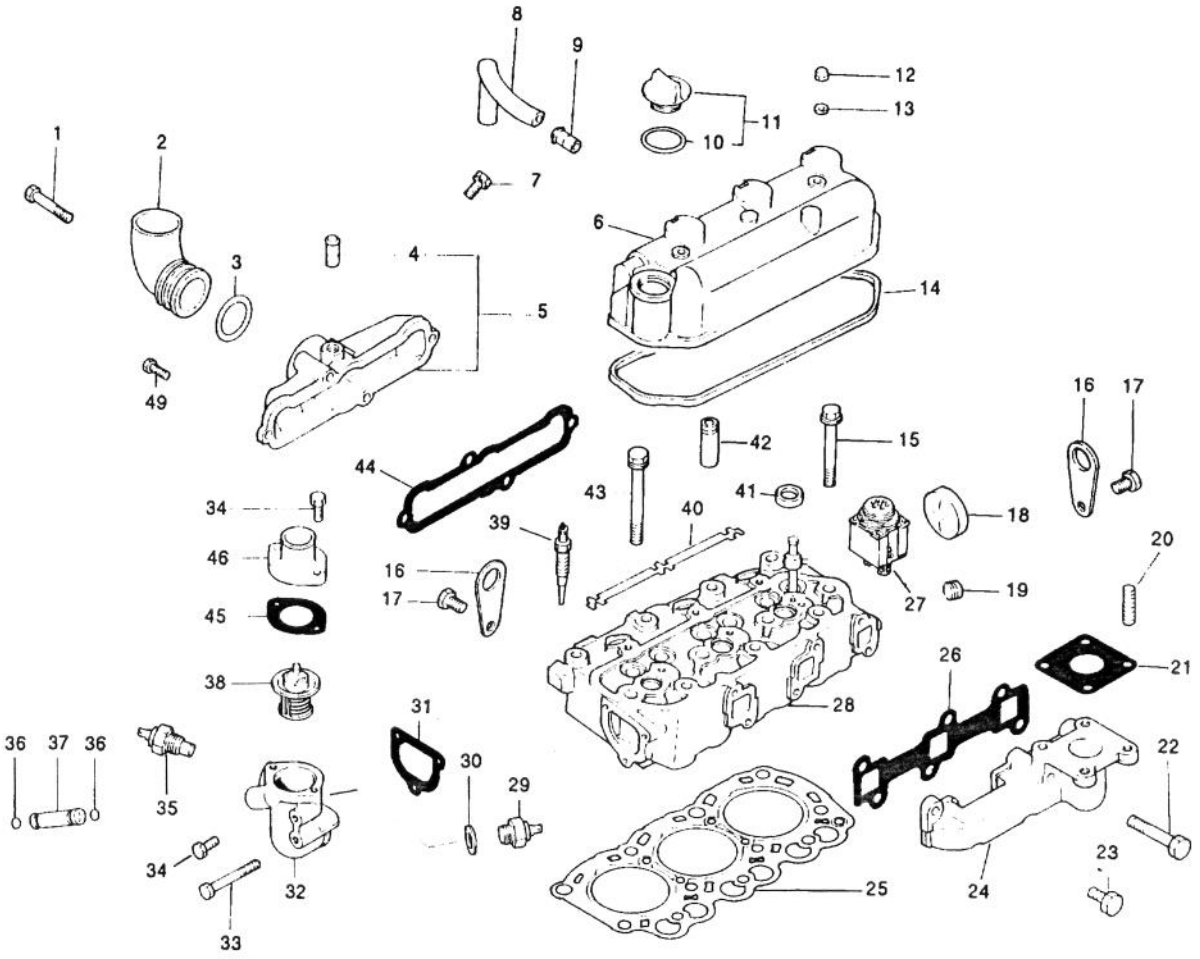
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CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
2	67-4520	Pipe	1
3	67-4540	Seal - O-Ring	1
4	42-7510	Pipe	1
5	67-4530	Cover - Intake	1
6	67-2750	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	1
10	67-2660	Seal - O-Ring	1
11	67-2650	Cap - Oil Filler	1
12	67-2770	Nut - Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2740	Bolt - Flange	3
16	67-2680	Hanger -Engine	2
17	67-2340	Bolt W/Washer	4
18	56-0020	Plug - Expansion	1
19	67-2570	Plug - Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2

Ref. No.	Part No.	Description	No. Used
23	67-4590	Bolt	4
24	67-4560	Manifold - Exhaust	1
25	75-4950	Gasket - Cylinder Head	1
26	67-4570	Gasket - Exhaust Manifold	1
27	67-4700	Lamp - Glow	1
28	75-4930	Cylinder Head Assembly (Incl. Ref. #18, 41 & 42)	1
29	67-4500	Switch - Thermo	1
30	67-4490	Gasket	1
31	67-4460	Gasket - Switch	1
32	67-4450	Fitting - Thermostat	1
33	67-4470	Bolt	1
34	67-2330	Bolt	4
35	67-4510	Gauge Nut - Temperature	1
36	43-2710	Seal - O-Ring	2
37	67-4480	Pipe - By-Pass	1
38	67-4440	Thermostat	1
39	67-4680	Plug - Glow	3
40	67-4690	Plate - Glow Plug	1
41	67-2710	Cap - Sealing	3
42	67-2700	Guide - Valve	6
43	67-2730	Bolt	8
44	67-4550	Gasket-Intake Manifold	1

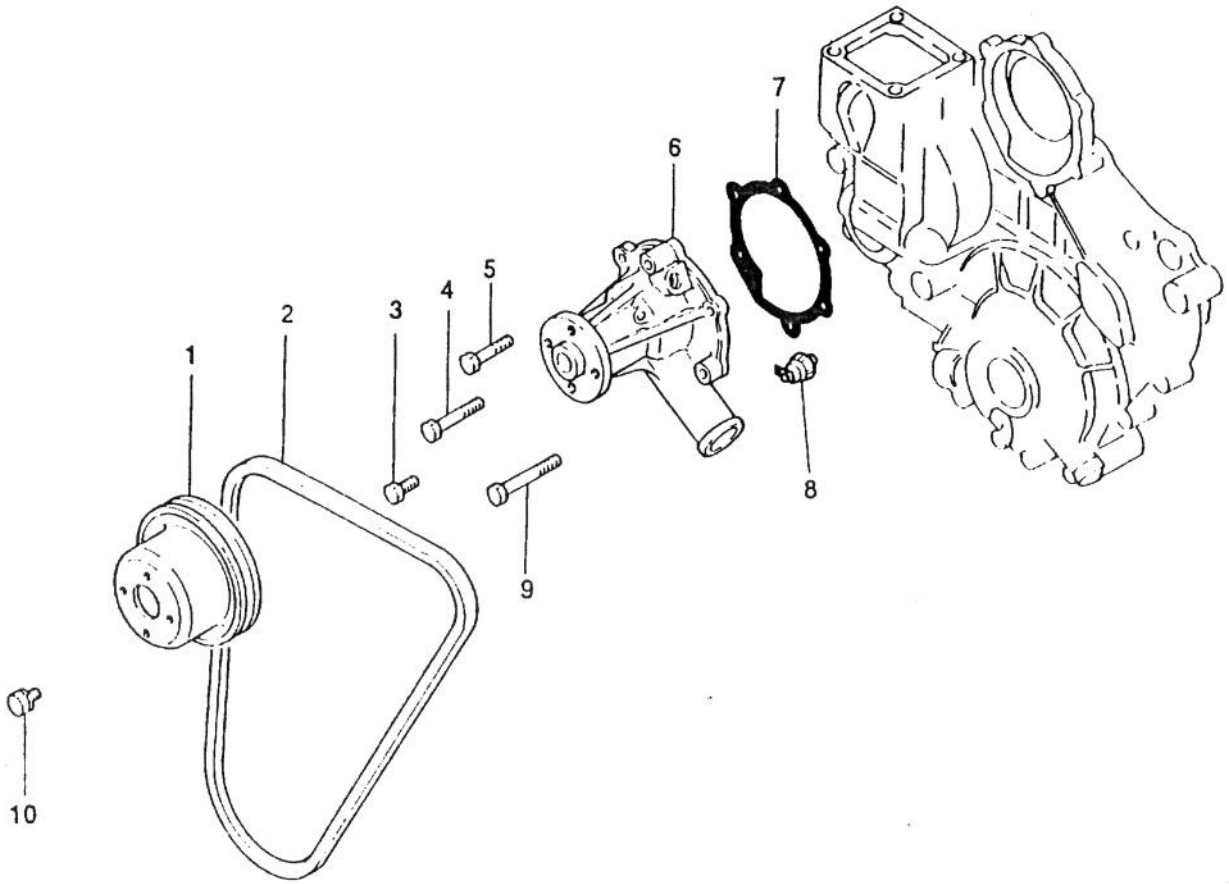


T-0566

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	67-4430	Gasket - Fitting	1
46	67-4420	Fitting - Water	1

Ref. No.	Part No.	Description	No. Used
49	67-2330	Bolt	2

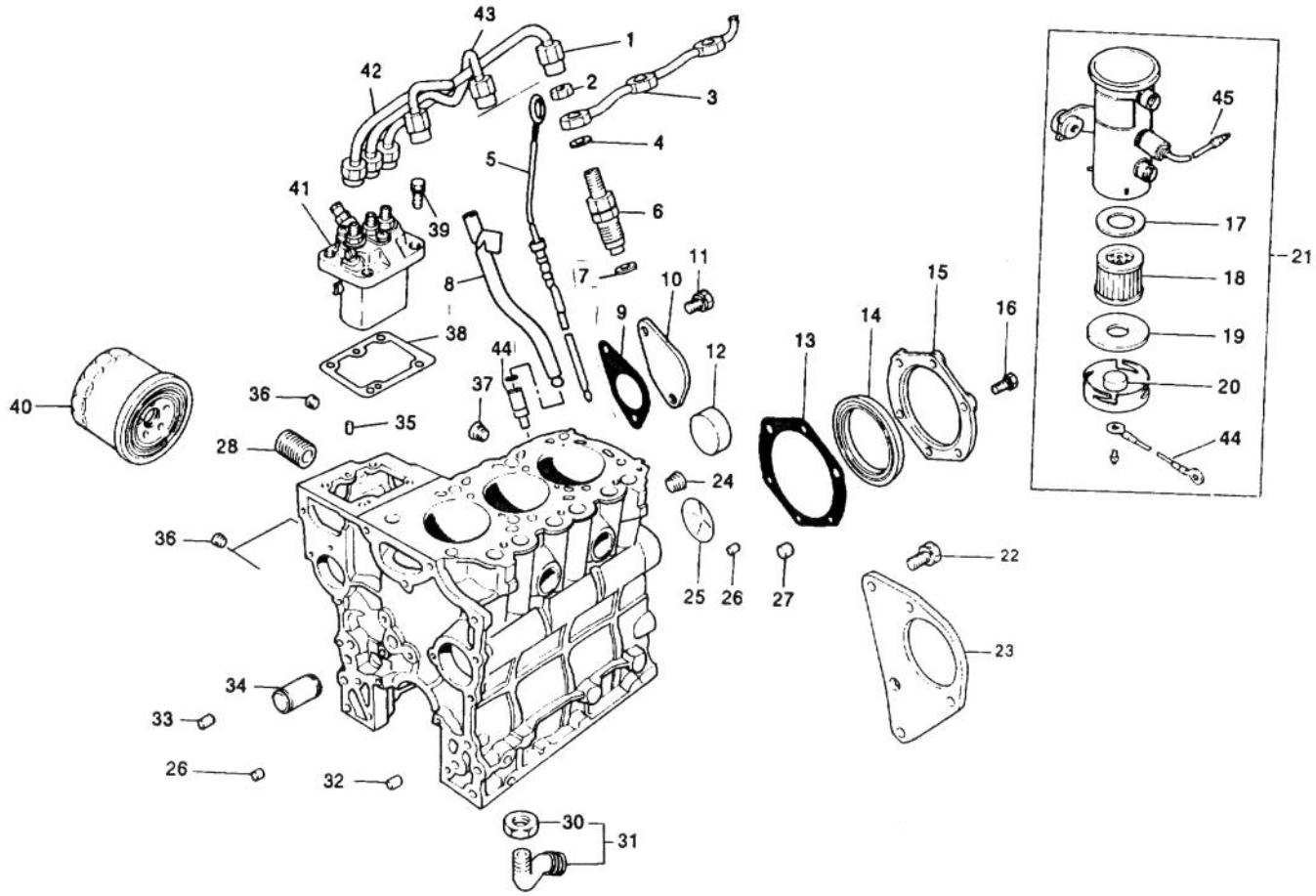


T-0568

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4360	Pulley - Water Pump	1
2	67-4410	V-Belt	1
3	67-2330	Bolt	2
4	67-4400	Bolt	1
5	67-2600	Bolt	1

Ref. No.	Part No.	Description	No. Used
6	67-4380	Water Pump Assembly	1
7	67-4390	Gasket - Water Pump	1
8	67-4350	Switch - Oil Pressure	1
9	67-2610	Bolt	2
10	42-9490	Bolt W/Washer	4



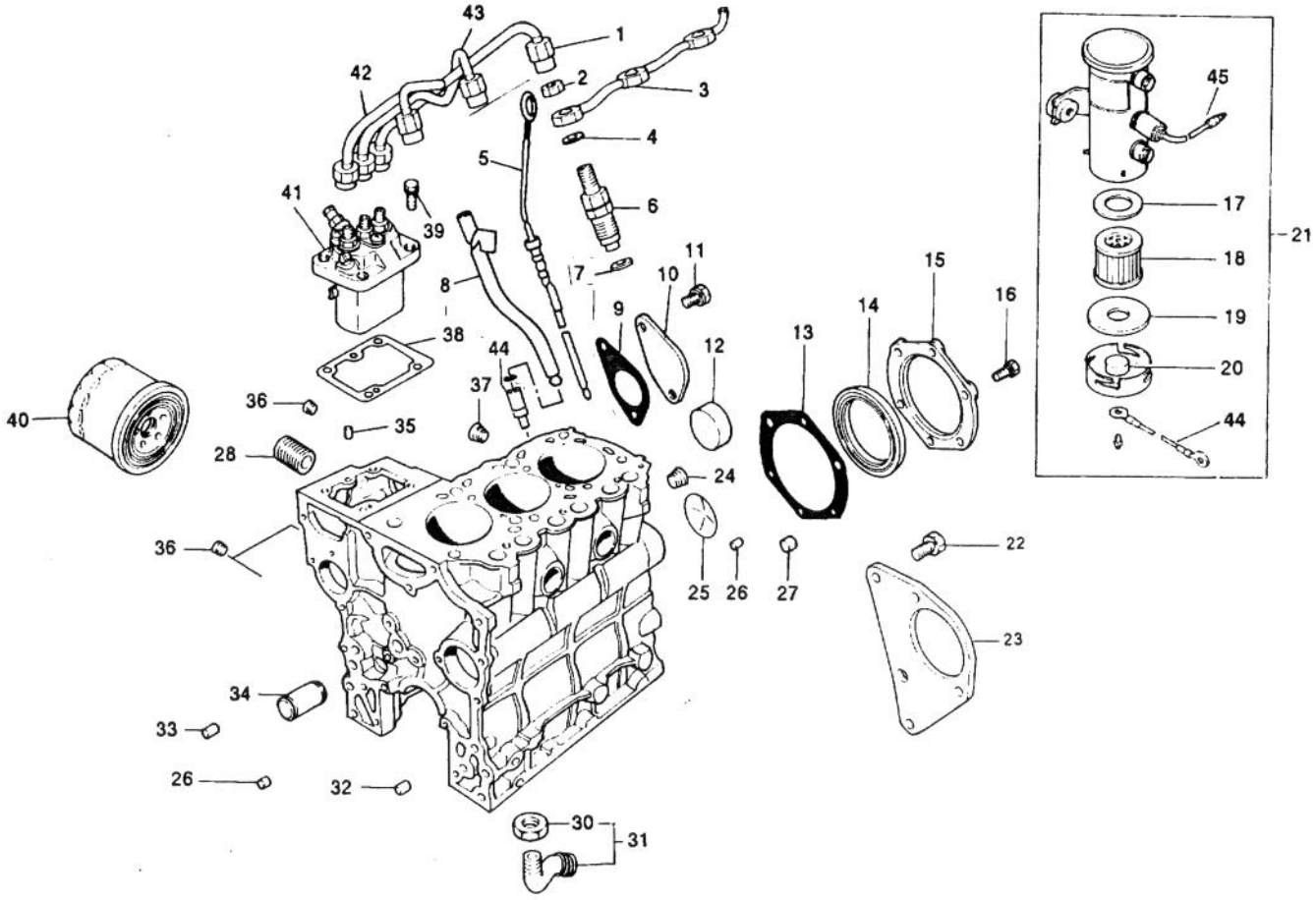
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assy. No. 3	1
2	67-3430	Nut	3
3	70-8700	Pipe - Fuel Return	1
4	67-3440	Gasket	3
5	70-8880	Dipstick	1
6	67-3380	Nozzle & Holder Assembly	1
7	67-3390	Gasket - Nozzle Holder	3
8	70-8870	Guide - Oil Level	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt W/Washer	2
12	56-0020	Plug-Expansion	3
13	67-2280	Gasket-Seal, Oil	1
14	67-2230	Seal-Oil	1
15	67-2270	Case - Oil Seal	1
16	67-2330	Bolt	6
17	43-2570	Gasket-Coil Side	1
18	43-2550	Filter	1
19	43-2560	Gasket - Side Cover	1
20	43-2580	Magnet	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1

Ref. No.	Part No.	Description	No. Used
22	67-2440	Bolt W/Washer	3
23	67-2430	Bracket - Starter	1
24	67-2390	Plug - Taper	1
25	67-2350	Plug - Expansion	1
26	67-2360	Bushing - Knock	2
27	67-2380	Bushing - Knock	3
28	56-1230	Shaft - Oil Filter	1
30	42-9650	Nut - Jam	1
31	67-4340	Screen Assembly (Incl. Ref. #30)	1
32	67-2370	Bushing - Knock	1
33	42-7190	Bushing - Knock	2
34	67-2260	Shaft-Idler	1
35	56-0220	Pin - Dowel	2
36	67-2210	Plug - Taper	3
37	56-0100	Plug - Taper	1
38	67-3280	Shim 0.2 mm	1
*	67-3290	Shim 0.3 mm	1
*	67-3300	Shim 0.5 mm	1
*	67-3310	Shim 0.4 mm	1
*	67-3320	Shim 0.6 mm	1

*Not Illustrated



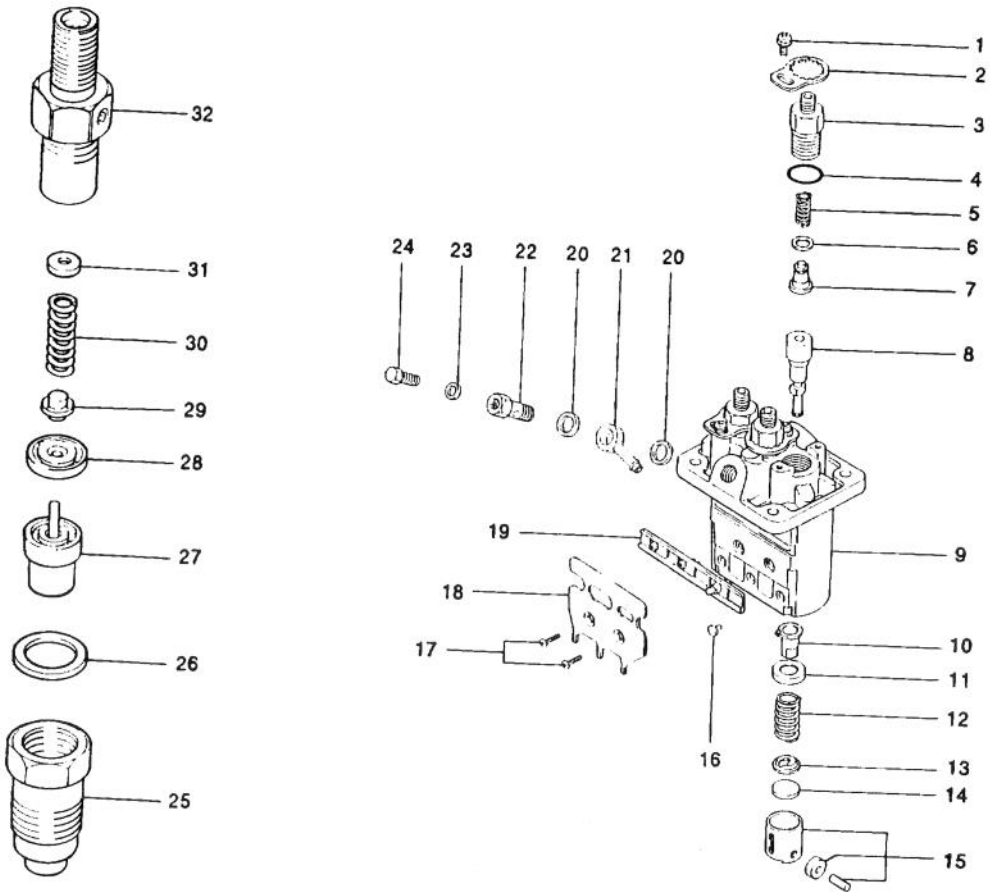
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	67-3330	Shim 0.7 mm	1
*	67-3340	Shim 0.8 mm	1
*	67-3350	Shim 0.9 mm	1
*	67-3360	Shim 1.0 mm	1
39	67-3370	Bolt W/Washer	4

Ref. No.	Part No.	Description	No. Used
40	67-4330	Oil Filter Assembly	1
41	75-5020	Injector Pump Assembly	
42	67-3400	Pipe Assy. No. 1	1
43	67-3410	Pipe Assy. No. 2	1
44	82-8110	Retainer - Oil Guide	1

*Not Illustrated



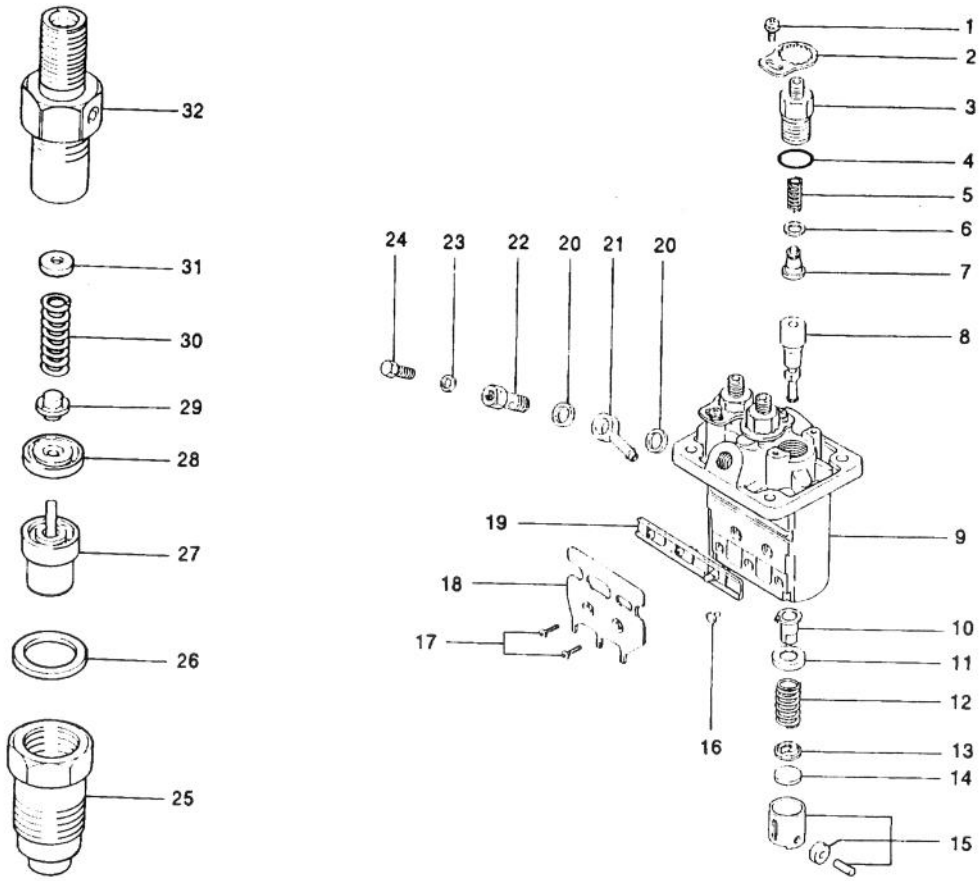
T-0570

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw W/Washer	3
2	67-3760	Plate - Lock	3
3	67-3740	Holder-Delivery Valve	3
4	67-3480	Seal - O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-3500	Valve	3
8	75-4970	Element	3
9	67-3460	Housing-Pump	1
10	67-3520	Sleeve	3
11	67-3530	Seat - Spring Upper	3
12	67-3540	Spring	3
13	67-3550	Seat - Spring Lower	3
14	67-3560	Plate - Shim 1.85 mm	1
*	67-3570	Plate - Shim 1.9 mm	1
*	67-3580	Plate - Shim 1.95 mm	1
*	67-3590	Plate - Shim 2.0 mm	1
*	67-3600	Plate - Shim 2.05 mm	1
*	67-3610	Plate - Shim 2.1 mm	1
*	67-3620	Plate - Shim 2.15 mm	1
*	67-3630	Plate -Shim 2.2 mm	1
*	67-3640	Plate - Shim 2.25 mm	1

Ref. No.	Part No.	Description	No. Used
14	67-3650	Plate - Shim 2.3 mm	1
*	67-3660	Plate - Shim 2.35 mm	1
*	67-3670	Plate - Shim 2.4 mm	1
*	67-3680	Plate - Shim 2.45 mm	1
*	67-3690	Plate - Shim 2.5 mm	1
15	67-3700	Tappet	3
16	67-3810	Pin - Tappet Guide	3
17	67-3790	Screw	2
18	67-3800	Bracket - Wire Stop	1
19	67-3780	Rack	1
20	67-3750	Washer	2
21	67-3740	Nipple - Swivel	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw - Air Bleed	1
25	67-3970	Nut - Retaining	3
26	67-3980	Gasket	3
27	67-3960	Nozzle	3
28	67-3950	Piece - Distance	3
29	67-3940	Pin - Pressure	3
30	67-3930	Spring	3
31	67-3830	Washer 1.25 mm	1

*Not Illustrated



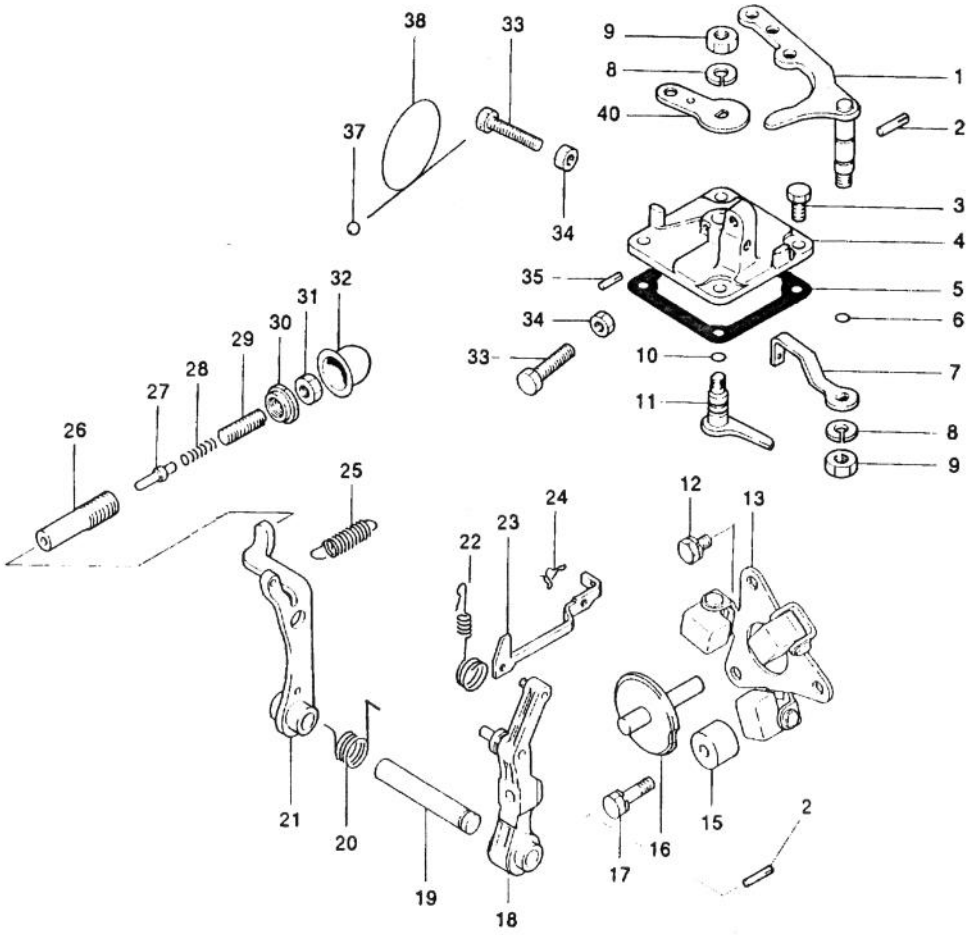
T-0570

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31	67-3840	Washer 1.3 mm	1
*	67-3850	Washer 1.35 mm	1
*	67-3860	Washer 1.4 mm	1
*	67-3870	Washer 1.45 mm	1
*	67-3880	Washer 1.5 mm	1
*	67-3890	Washer 1.55 mm	1
*	67-3900	Washer 1.6 mm	1

Ref. No.	Part No.	Description	No. Used
31	67-3910	Washer 1.65 mm	1
*	67-3920	Washer 1.7 mm	1
32	75-5000	Body	3
*	53-8150	Pump Assembly (Incl. Ref. 21-24)	1
*	67-3380	Nozzle and Holder Assembly (Incl. Ref. #25-32)	3

*Not Illustrated



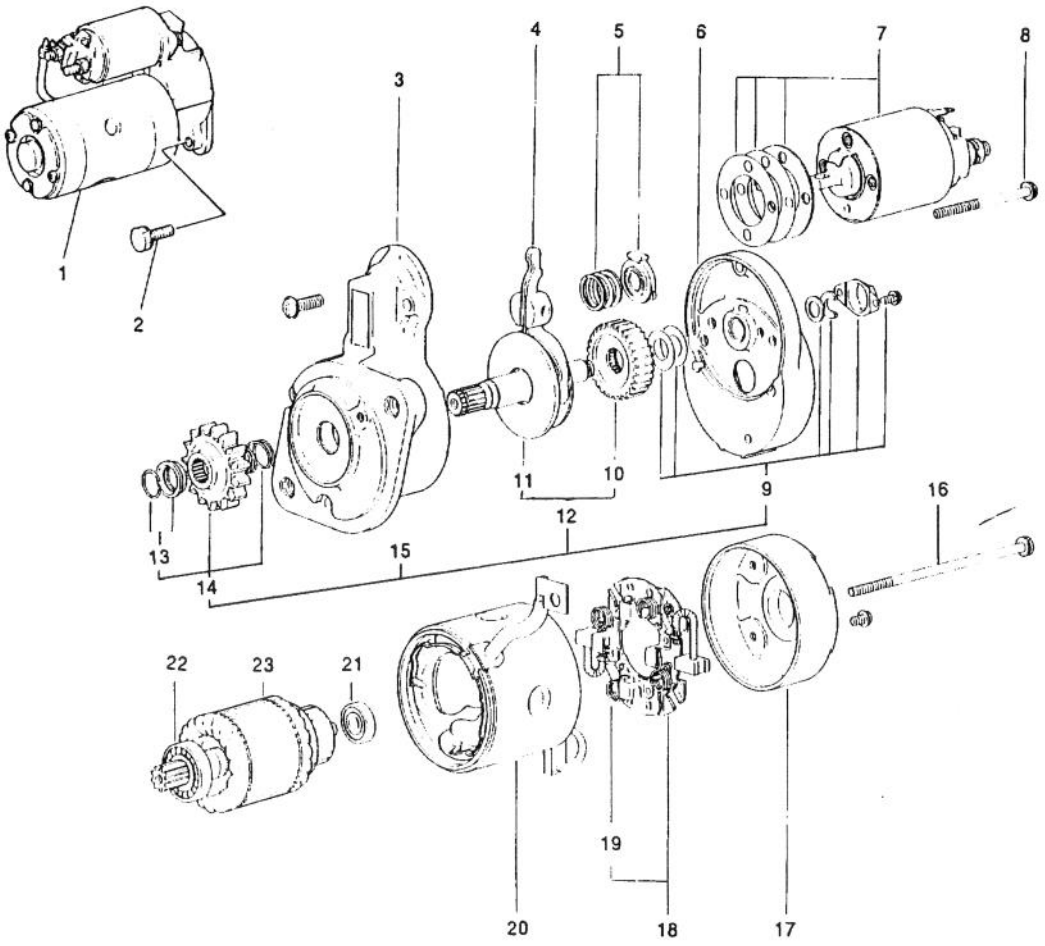
T-0571

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3990	Lever - Speed Control	1
2	67-4000	Pin	2
3	67-4270	Bolt	4
4	67-4130	Cover - Governor	1
5	67-4160	Gasket	1
6	42-8830	Seal - O-Ring	1
7	75-4980	Lever - Governor Spring	1
8	67-3260	Washer	2
9	42-9640	Nut - Jam	2
10	42-8830	Seal - O-Ring	1
11	67-4140	Lever - Stop	1
12	42-9430	Bolt W/Washer	2
13	67-4040	Weight Assembly	1
15	67-4010	Stopper	1
16	67-4070	Shaft - Sliding	1
17	67-4280	Bolt W/Washer	1
18	67-4060	Lever - Governor	1
19	67-4050	Shaft - Governor	1
20	67-5040	Spring	1
21	67-4090	Lever - Tension	1
22	70-8720	Spring - Tie Rod	1

Ref. No.	Part No.	Description	No. Used
23	67-4030	Rod - Tie	1
24	67-4080	Clip	1
25	75-4990	Spring - Governor	1
26	67-4210	Case - Torque Spring	1
27	67-4230	Stopper	1
28	67-4190	Spring - Torque	1
29	67-4220	Screw - Adjusting	1
30	67-4200	Nut - Special	1
31	67-4180	Nut	1
32	43-2820	Cap - Sealing Torque Set	1
33	42-9420	Bolt - Speed Set	4
34	67-4290	Nut	4
35	67-4120	Pin - Grooved	1
37	42-8690	Metal - Sealing	1
38	42-8700	Wire	1
40	67-4150	Lever - Stop	1
*	67-4110	Cover Assembly (Incl. Ref. #4, 8-11, 35 & 40)	1
*	67-4170	Spring Set (Incl. Ref. #26-31)	

*Not Illustrated

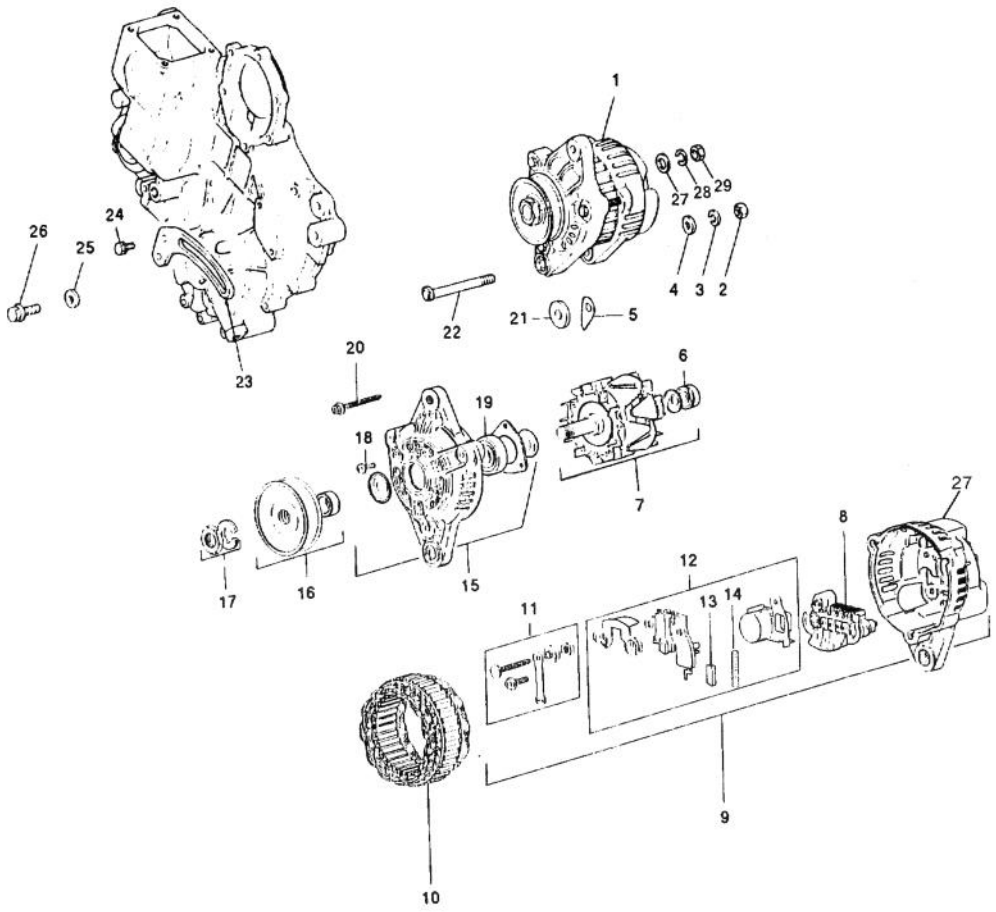


T-0572

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8760	Starter Assembly (Incl. Ref. #3-23)	1
2	67-4610	Bolt W/Washer	2
3	70-8770	Bracket - Front	1
4	67-4720	Lever	1
5	67-4730	Spring Set	1
6	70-8780	Bracket - Center	1
7	67-4750	Switch	1
8	56-1570	Bolt Set	1
9	56-1680	Cover Set	1
10	56-1670	Gear	1
11	67-4790	Shaft	1
12	67-4780	Gear Set (Incl. Ref. #10 & 11)	1
13	56-1640	Stopper Set	1

Ref. No.	Part No.	Description	No. Used
14	67-4770	Pinion Set (Incl. Ref. #13)	1
15	67-4760	Shaft Assembly (Incl. Ref. #9, 12 & 14)	1
16	56-1610	Bolt	1
17	56-1720	Bracket - Rear	1
18	56-1700	Holder - Brush (Incl. Ref. #19)	1
19	56-1710	Spring - Brush	4
20	67-4800	Yoke	1
21	56-1600	Bearing - Rear	1
22	56-1590	Bearing - Front	1
23	56-1580	Armature Set (Incl. Ref. #21 & 22)	1

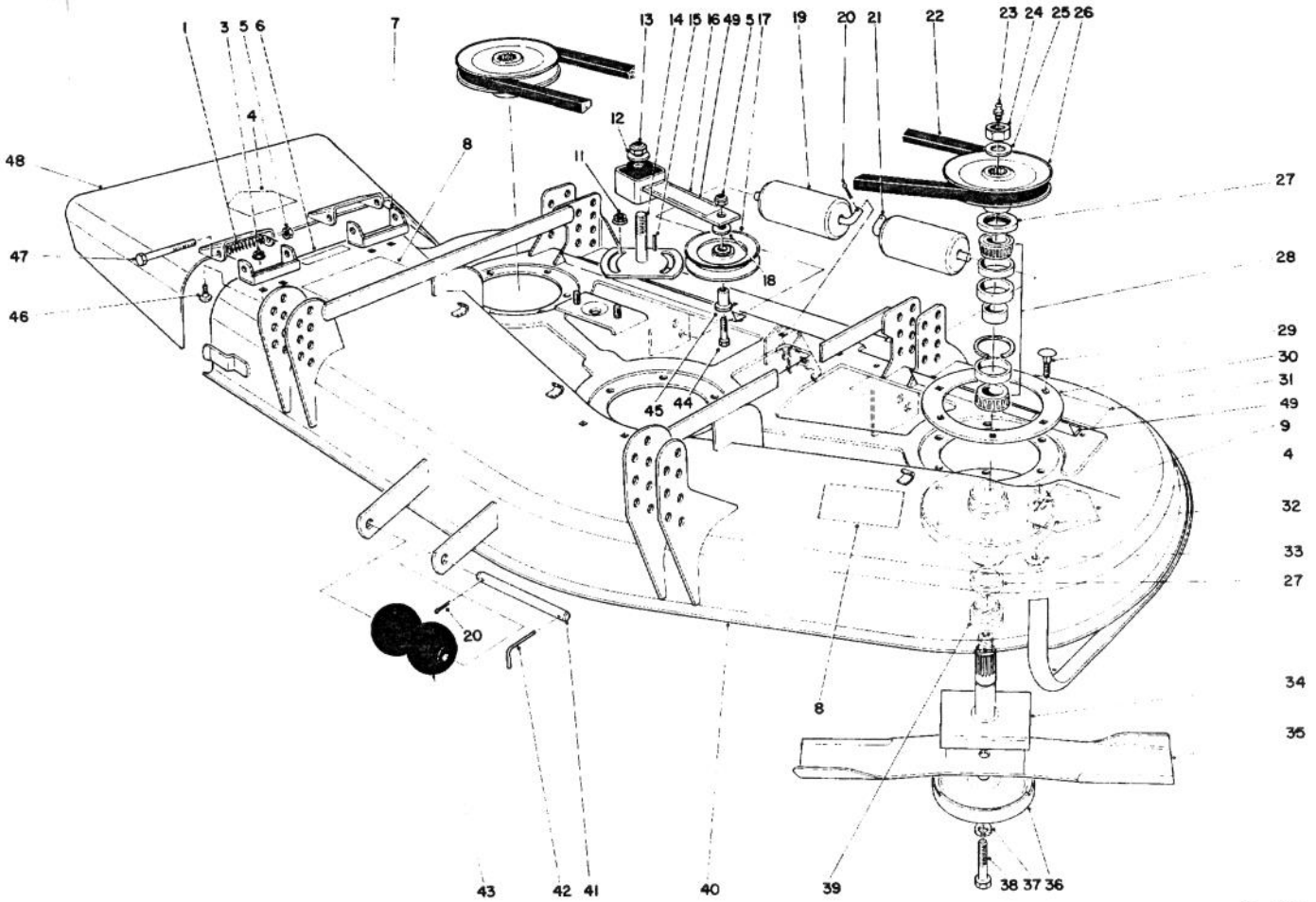


T-0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assembly (Incl. Ref. #6-17)	1
2	67-4670	Nut	1
3	67-3260	Washer	1
4	42-9660	Washer	1
5	43-0370	Shim	1
6	67-4870	Bearing - Rear	1
7	67-4860	Rotor Assembly (Incl. Ref. #6)	
8	67-4930	Rectifier	1
9	67-4890	Rear Cover Assembly (Incl. Ref. #8, 11, 12 & 27)	1
10	67-4880	Stator	1
11	67-4900	Terminal Set	1
12	67-4910	Regulator Assembly (Incl. Ref. #13 & 14)	1

Ref. No.	Part No.	Description	No. Used
13	67-4920	Brush	2
14	43-0510	Spring - Brush	2
15	67-4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
16	67-4810	Pulley Set	1
17	43-1920	Nut Set	1
18	67-4840	Screw Set	1
19	67-4850	Bearing - Front	1
20	67-4820	Bolt Set	1
21	67-4620	Spacer	1
22	67-4640	Bolt	1
23	75-4940	Brace - Alternator	1
24	42-9440	Bolt W/Washer	1
25	54-8660	Washer	1
26	67-4660	Bolt - Flange	1
27	72-6140	Cover - Rear	1



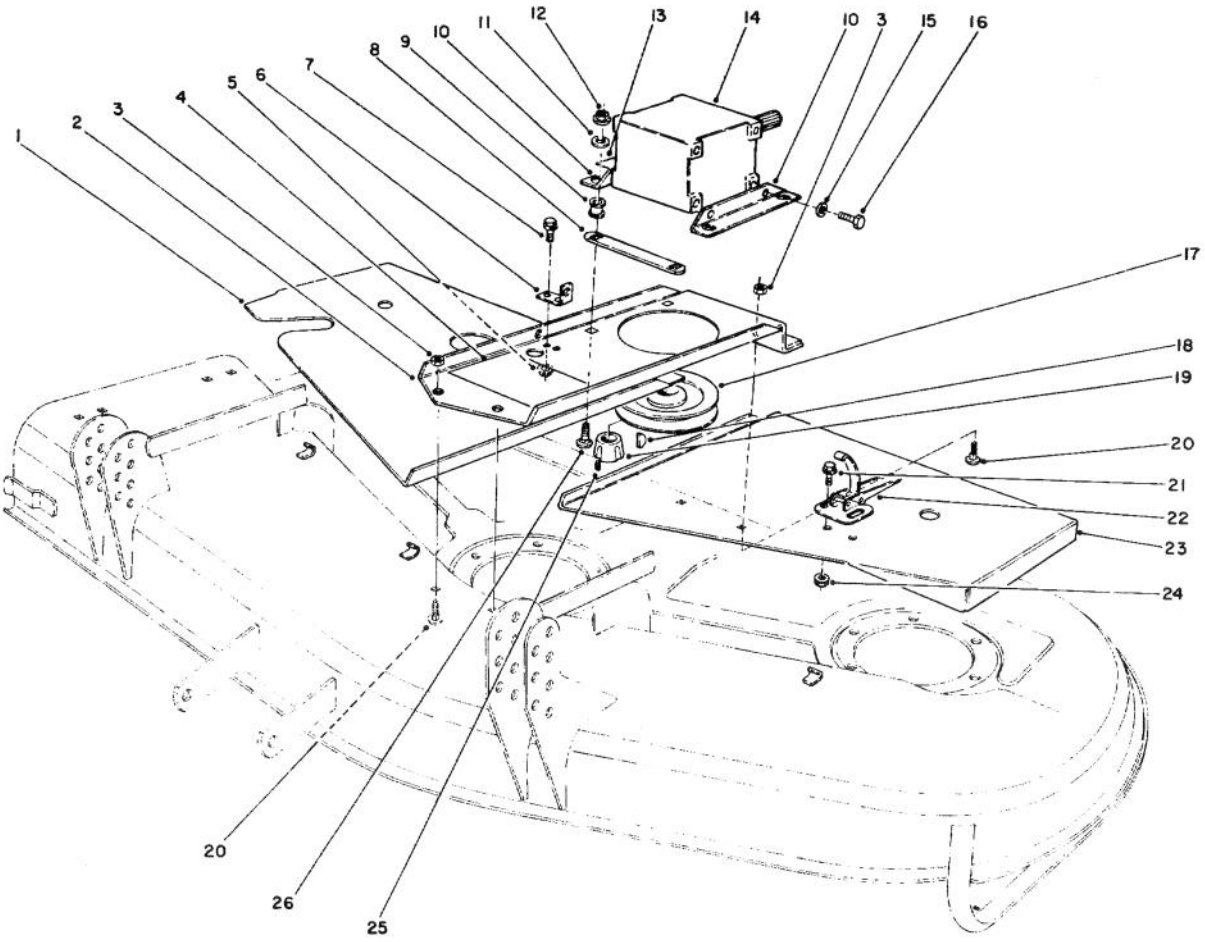
T-0574

52" CUTTING UNIT MODEL NO. 30555

Ref. No.	Part No.	Description	No. Used
1	40-6230	Spring - Torsion	2
3	32128-20	Nut - Lock	
4	43-8480	Decal - Danger	2
5	3296-5	Nut - Lock	3
6	66-6380	Decal - Deflector Missing	1
7	29-5590	Pivot Bracket - Deflector	2
8	66-1340	Decal - Danger	2
9	3256-24	Washer - Flat	18
11	3290-357	Nut - Flange	2
12	3256-27	Washer - Flat	1
13	3296-33	Nut -Lock	1
14	28-9060	Plate - Idler	1
15	5-1077	Key - Square	1
16	27-8580	Idler Socket	1
17	65-5940	Pulley - Idler	1
18	7-0081	Washer - Special	1
19	36-1740	Roller - Deck	2
20	3272-11	Pin - Cotter	3
21	40-0340	Shaft - Rear Roller	2
22	27-1160	V-Belt	1
23	302-2	Fitting - Grease	3
24	32146-20	Nut - Lock	3
25	7-4150	Washer	3
26	27-0970	Pulley	3
27	253-139	Seal - Wave	6
28	46-8530	Assembly - Bearing	3

Ref. No.	Part No.	Description	No. Used
29	3231-22	Bolt - Carriage	18
30	27-7680	Ring - Deck Support	3
31	68-8340	Decal - Blade Bolt Torque	1
32	61-4160	Housing - Spindle	3
33	32128-21	Nut - Flange	18
34	27-0920	Spindle - Shaft	3
35	27-0990	Blade	3
36	72-9361	Anti-Scalp Cup	3
37	3253-27	Washer - Lock	3
38	44-2200	Screw - Blade Bolt	3
39	27-0950	Spacer - Spindle Bearing	3
40	72-9210	Cutting Deck	1
41	40-6400	Shaft - Roller	1
42	57-0690	Pin - Cotter, Special	1
43	29-4820	Roller	2
44	3211-8	Screw - Cap Hex. Hd.	1
45	65-5950	Bushing - Pulley	1
46	3230-23	Bolt - Carriage	4
47	3211-15	Screw - Cap Hex. Hd.	2
48	13-3949	Deflector - Grass (Incl. Ref. #4)	1
49	67-5360	Decal - Shield Missing	2
*	44-5480	Blade - High Sail (Optional)	3
*	27-0870	Assembly - Spindle (Incl. Ref. #23-28, 32, 34 & 39)	3

*Not Illustrated

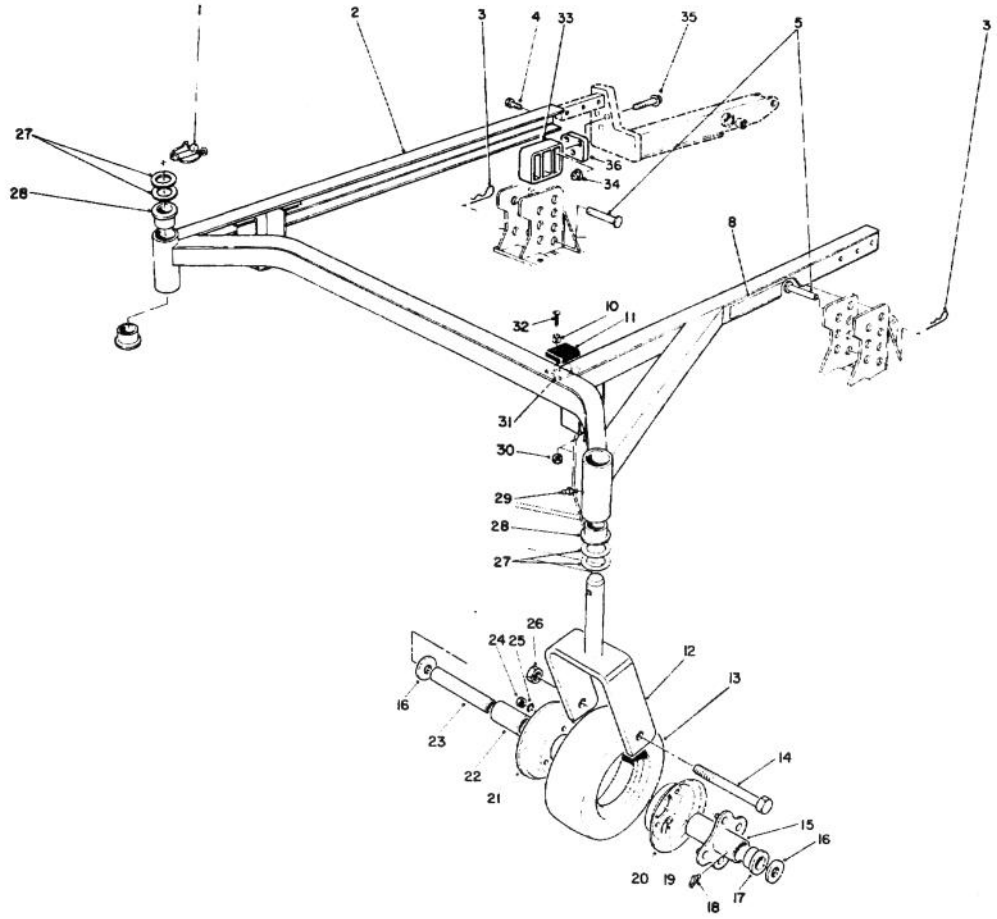


T-0576

52" CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	72-9300	Cover R.H.	1
2	72-9230	Base - Gear Box	1
3	3290-357	Nut - Flange	4
4	51-3960	Decal - 52	1
5	32128-20	Nut - Flange	2
6	72-9240	Bracket - Extension	1
7	322-4	Screw - Cap Hex. Hd.	2
8	68-9890	Cover - Gear Box	1
9	63-9750	ISO Mount - Gear Box	4
10	68-8560	Bracket - Gear Box	2
11	63-8410	Washer	4
12	32153-2	Nut	4
13	70-2560	Decal - Lube	1
14	68-6810	Assembly - Gear Box	1

Ref. No.	Part No.	Description	No. Used
15	3253-21	Washer - Flat	4
16	323-4	Screw - Cap Hex. Hd.	4
17	63-9900	Pulley - Gear Box	1
18	3257-5	Key - Woodruff	1
19	27-6140	Bushing - Taper Lock (Incl. Ref. #25)	1
20	3231-27	Bolt - Carriage	4
21	3290-321	Screw - Machine	6
22	249-21	Latch - Draw	3
23	72-9340	Cover L.H.	1
24	32128-7	Nut - Flange	6
25	3245-9	Screw - Set, Socket Hd.	1
26	3231-26	Bolt - Carriage	4

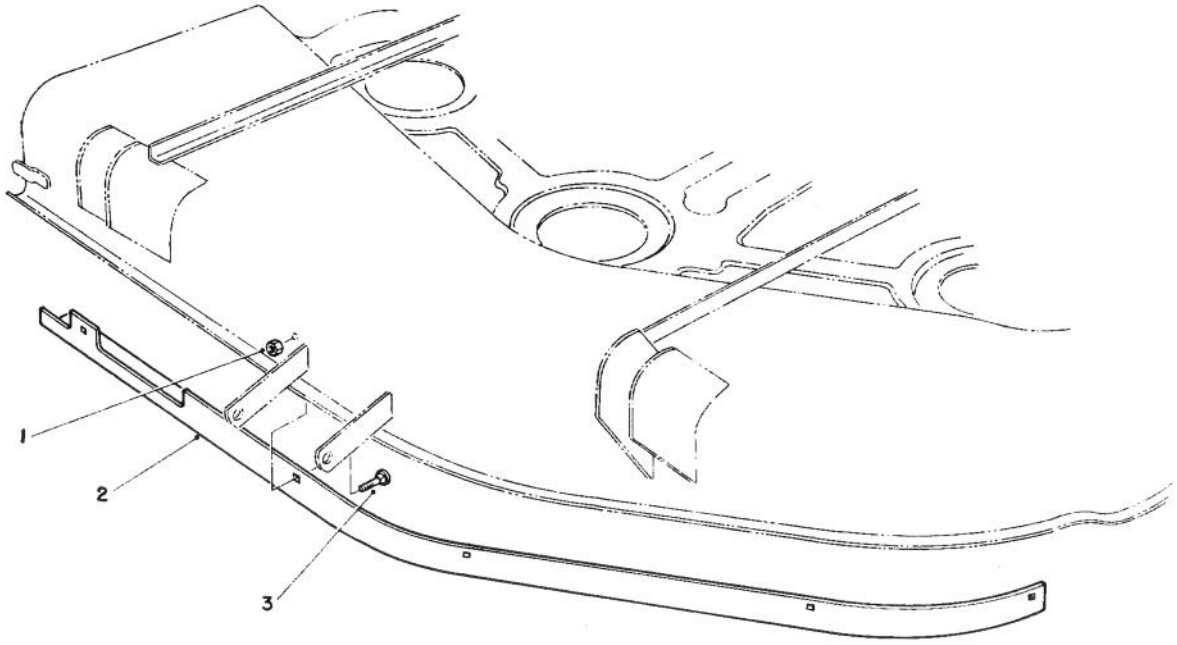


T-1249

52" CUTTING UNIT MODEL NO. 30555 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Pin - Lynch	2
2	83-4550	Frame - Deck Suspension (Incl. Ref. #28)	1
3	3290-355	Pin - Hair	4
4	325-32	Screw - Cap Hex Hd.	6
5	283-55	Pin - Clevis	4
6	302-40	Fitting - Grease	2
8	68-8360	Decal - H.O.C.	1
10	40-9520	Spacer - Split	4
11	40-0330	Cushion - Rubber	2
12	68-8900	Fork - Castor, Front	2
13	68-8960	Tire	2
14	325-19	Screw - Cap Hex Hd.	2
15	68-8940	Hub - Center	2
16	3256-6	Washer - Thrust	4
17	62-5580	Bushing	4
18	302-61	Fitting - Grease	2
19	68-8950	Tube w/Valve	2
20	68-8920	Wheel Half - Female	2
21	68-8930	Wheel Half - Male	2
22	62-5570	Bearing - Roller	2
23	68-8980	Bushing - Spanner	2
24	3217-6	Nut - Hex.	8
25	3253-4	Washer - Lock	8
26	32153-5	Nut - Lock	2
27	3-6781	Washer - Thrust	8
28	28-9290	Bushing - Special	4
29	302-5	Fitting - Grease	2
30	3296-2	Nut - Lock	4
31	42-6200	Cushion - Shim	A/R
32	32122-28	Screw - Mach. Truss Hd.	4
33	83-4520	Cradle - Rear	2
34	32128-40	Nut - Flange	6
35	66-9302	Screw - Flange Hd.	6
36	83-4580	Spacer	2
*	13-3869	Assembly - Castor Wheel (Incl. Ref. #13, 15, 17-22 & 24-25)	2

*Not Illustrated

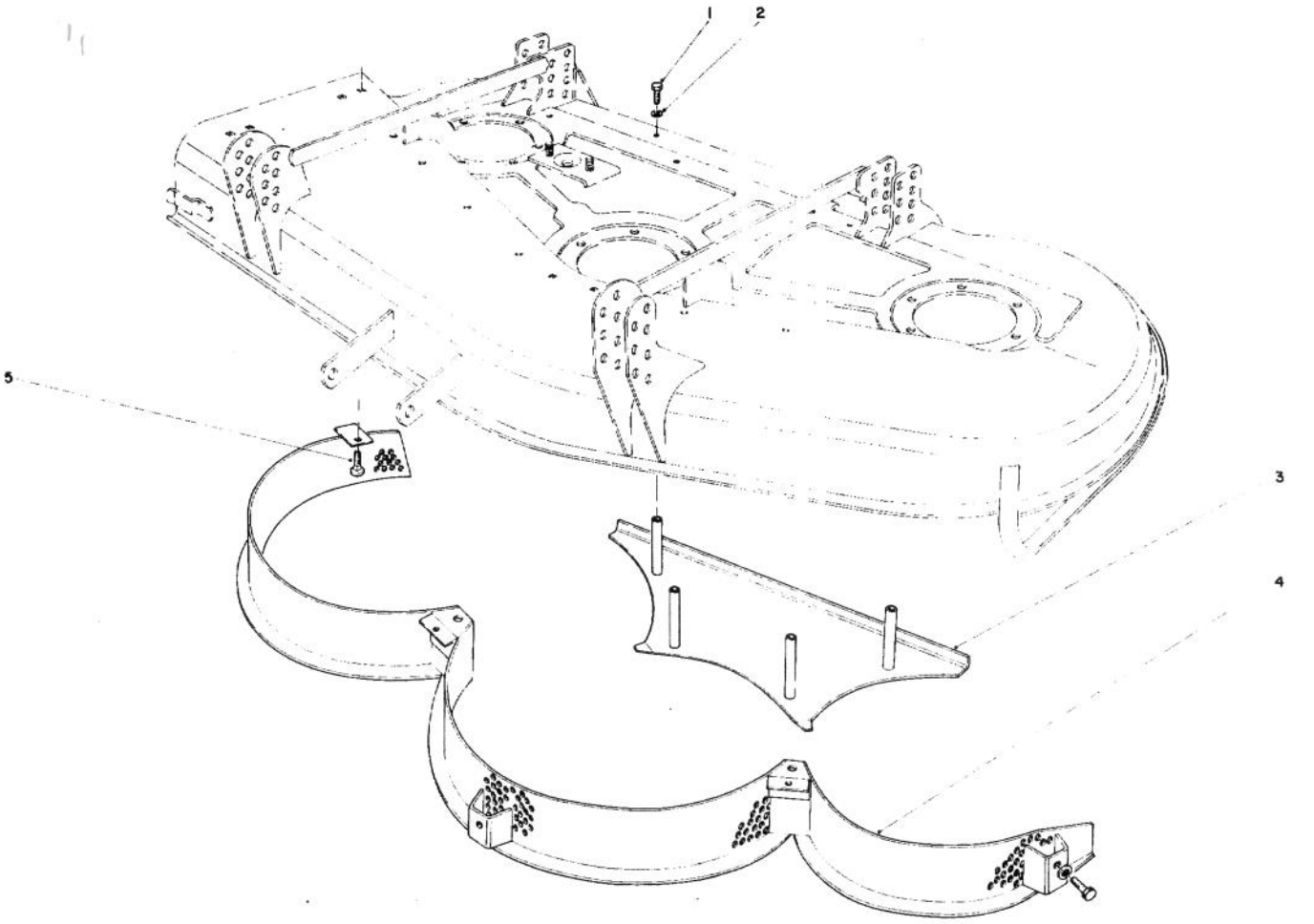


T-0708

52" BAFFLE KIT PART NO. 68-7210
(Used on Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	3296-47	Nut - Lock	5
2		Baffle	1

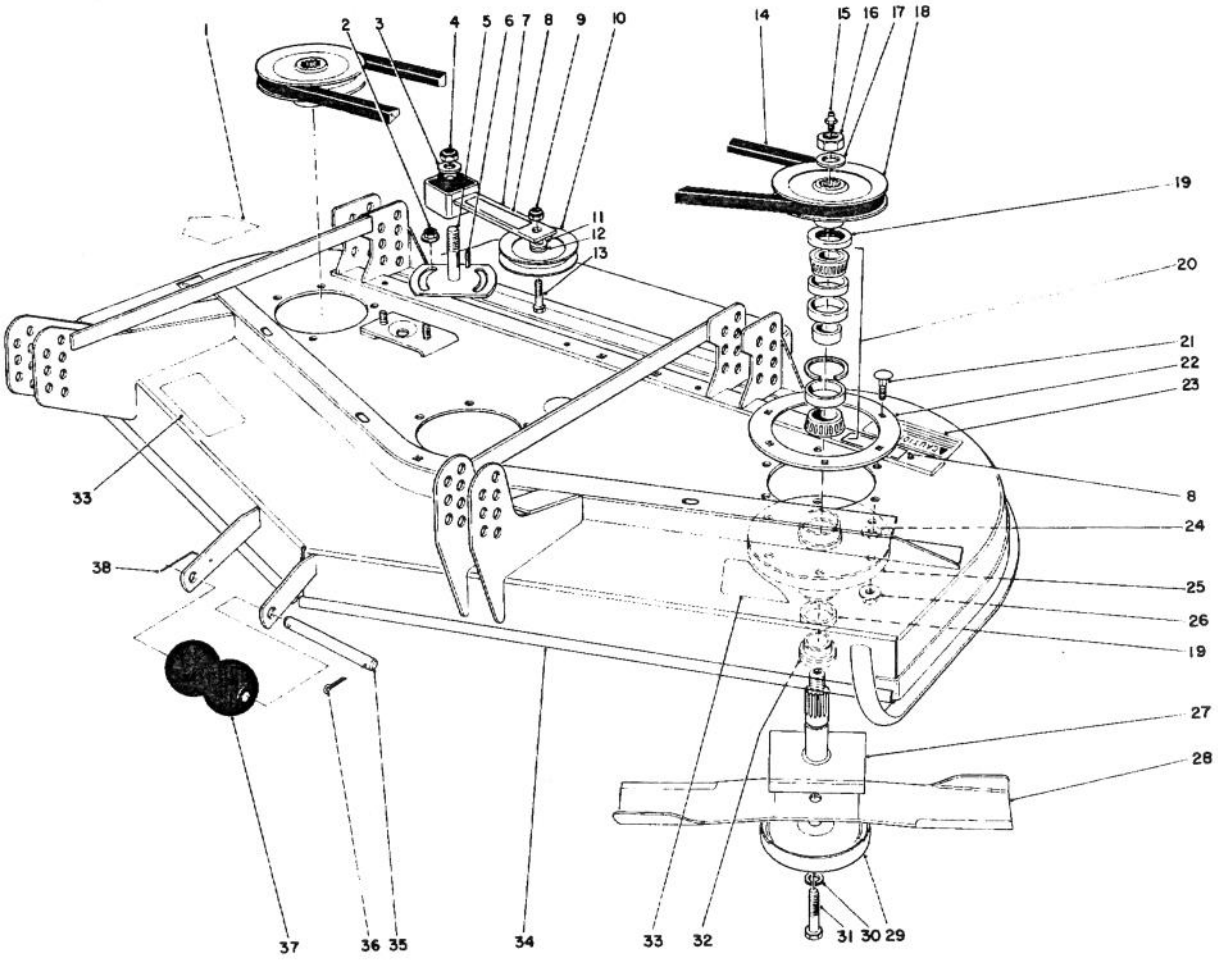
Ref. No.	Part No.	Description	No. Used
3	3230-20	Bolt - Carriage	5



T-0599

52" MULCHER KIT MODEL NO. 30700 (OPTIONAL)
(Used on Cutting Unit Model 30555)

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex. Hd.	8
2	3253-21	Washer - Lock	8
3	42-6340	Shelf - Bottom, Rear	1
4	42-6310	Screen - Mulcher	1
5	3230-1	Bolt - Carriage	1



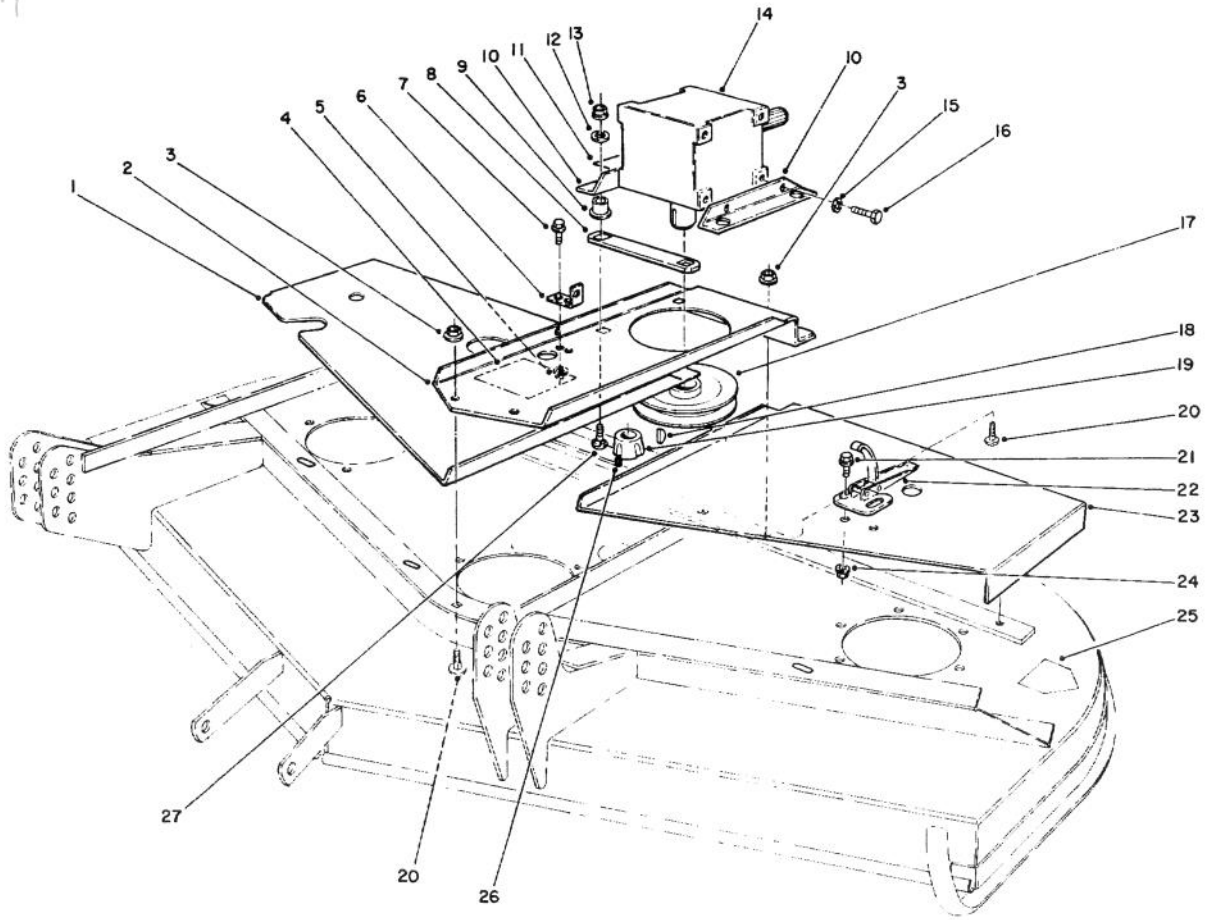
T-0577

52" CUTTING UNIT MODEL NO. 30568

Ref. No.	Part No.	Description	No. Used
1	43-8480	Decal - Danger	1
2	3296-357	Nut - Flange	2
3	3256-27	Washer - Flat	1
4	3296-33	Nut - Lock	1
5	28-9060	Plate - Idler	1
6	5-1077	Key - Square	1
7	27-8580	Idler Socket	1
8	67-5360	Decal - Shield Missing	2
9	3296-5	Nut - Lock	1
10	65-5940	Pulley - Idler	1
11	7-0081	Washer	1
12	65-5950	Bushing	1
13	3211-8	Screw - Cap Hex. Hd.	1
14	27-1160	V-Belt	1
15	302-2	Fitting - Grease	3
16	32146-20	Nut - Hex. Lock, Jam	3
17	7-4150	Washer	3
18	27-0970	Pulley	3
19	253-139	Seal - Wave	6
20	46-8530	Assembly - Bearing	3
21	3231-22	Bolt - Carriage	18

Ref. No.	Part No.	Description	No. Used
22	27-7680	Ring - Deck Support	2
23	68-8340	Decal - Blade Bolt Torque	1
24	3256-24	Washer - Flat	18
25	61-4160	Housing - Spindle	3
26	32128-21	Nut - Flange	18
27	27-0920	Spindle Shaft	3
28	27-0990	Blade	3
29	72-9361	Cup - Anti Scalp	3
30	3253-27	Washer - Lock	3
31	44-2200	Screw - Blade	3
32	27-0950	Spacer - Spindle Bearing	3
33	66-1340	Decal - Danger	2
34	72-9260	Cutting Deck	1
35	40-6400	Shaft - Roller	1
36	3272-11	Pin - Cotter	1
37	29-4820	Roller	2
38	57-0690	Pin - Cotter, Special	1
*	27-0870	Assembly - Spindle (Incl. Ref. #15-20, 25, 27 & 32)	3

*Not Illustrated

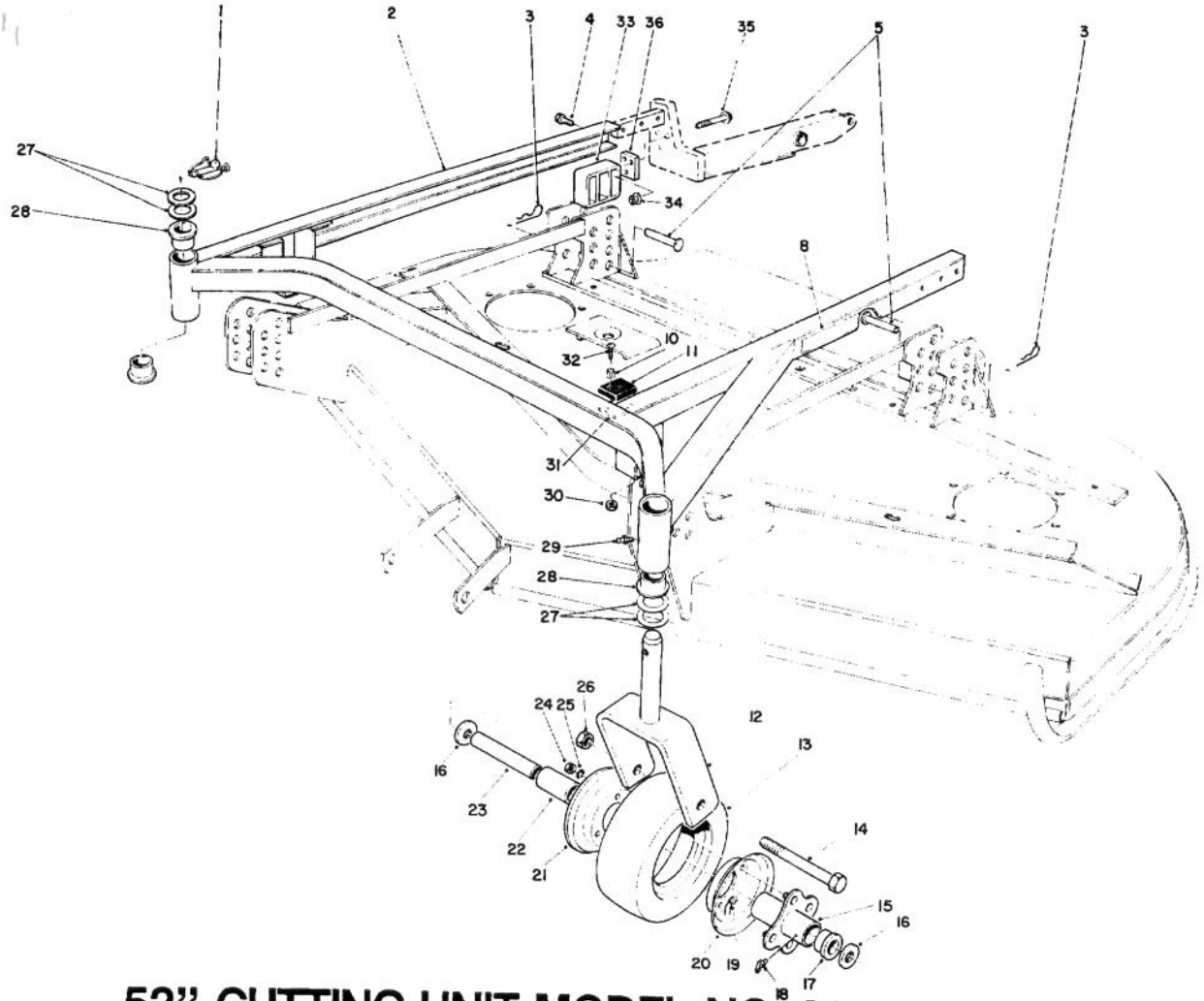


T-0578

52" CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	72-9330	Cover R.H.	1
2	72-9230	Base - Gear Box	1
3	3290-357	Nut - Flange	4
4	51-3960	Decal - 52	1
5	32128-20	Nut - Flange	2
6	72-9240	Bracket - Extension	1
7	322-4	Screw - Cap Hex. Hd.	2
8	68-9890	Cover - Front Gear Box	1
9	63-9750	ISO Mount - Gear Box	4
10	68-8560	Bracket - Gear Box	2
11	70-2560	Decal - Lube	1
12	63-8410	Washer - Lock	4
13	32153-2	Nut	4
14	68-6810	Gear Box	1

Ref. No.	Part No.	Description	No. Used
15	3253-21	Washer - Lock	4
16	323-4	Screw - Cap Hex. Hd.	4
17	63-9900	Pulley	1
18	3257-5	Key - Woodruff	1
19	27-6140	Bushing - Taper Lock (Incl. Ref. #26)	1
20	3231-22	Bolt - Carriage	4
21	3290-321	Screw - Mach. Hex. Hd.	6
22	249-21	Latch - Draw	3
23	80-0080	Cover L.H.	1
24	32128-17	Nut - Flange	4
25	43-8480	Decal - Danger	1
26	3245-9	Screw - Set Socket Hd.	2
27	3231-26	Bolt - Carriage	4



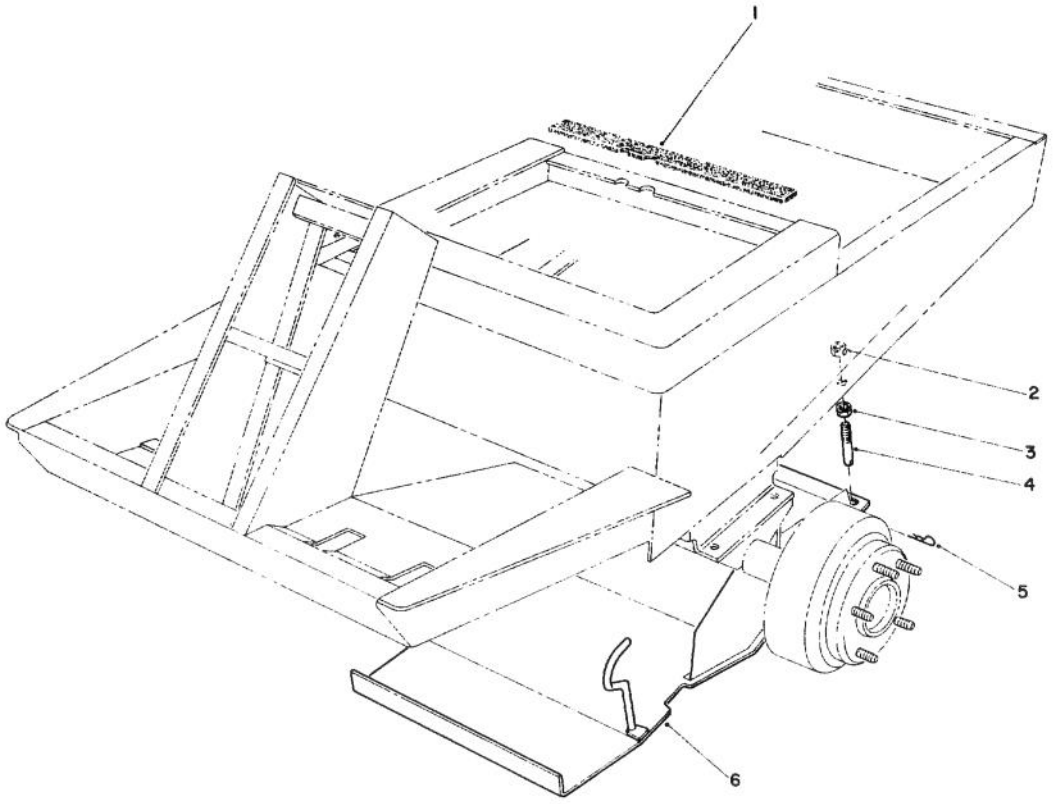
T-1250

52" CUTTING UNIT MODEL NO. 30568 (Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-384	Pin - Lynch	2
2	83-4550	Assembly - Frame, Deck (Incl. Ref. #28)	1
3	3290-355	Pin - Hair, Cotter	4
4	325-32	Screw - Cap Hex. Hd.	6
5	283-55	Pin - Clevis	4
8	71-2760	Decal - H.O.C.	1
10	40-9520	Spacer - Split	4
11	40-0330	Cushion - Rubber	2
12	68-8900	Fork - Castor, Front	2
13	68-8960	Tire	2
14	325-19	Screw - Cap Hex. Hd.	2
15	68-8940	Hub - Center	2
16	3256-6	Washer - Flat	4
17	62-5580	Bushing	4
18	302-61	Fitting - Grease	2
19	68-8950	Tube w/Valve	2
20	68-8920	Wheel Half - Female	2
21	68-8930	Wheel Half - Male	2

Ref. No.	Part No.	Description	No. Used
22	62-5570	Bearing - Roller	2
23	68-8980	Bushing - Spanner	2
24	3217-6	Nut - Hex.	8
25	3253-4	Washer -Lock	8
26	32153-5	Nut - Lock	2
27	3-6781	Washer - Thrust	8
28	28-9290	Bushing - Special	4
29	302-5	Fitting - Grease	2
30	3296-2	Nut - Lock	4
31	42-6200	Shim - Cushion	3
32	32122-28	Screw - Mach. Truss Hd.	4
33	83-4520	Cradle - Rear	2
34	32128-40	Nut - Flange	6
35	66-9302	Screw - Flange Hd.	6
36	83-4580	Spacer	2
*	13-3869	Assembly - Castor Wheel (Inc. Ref. #13, 15, 17-22 & 24-25)	2

*Not Illustrated

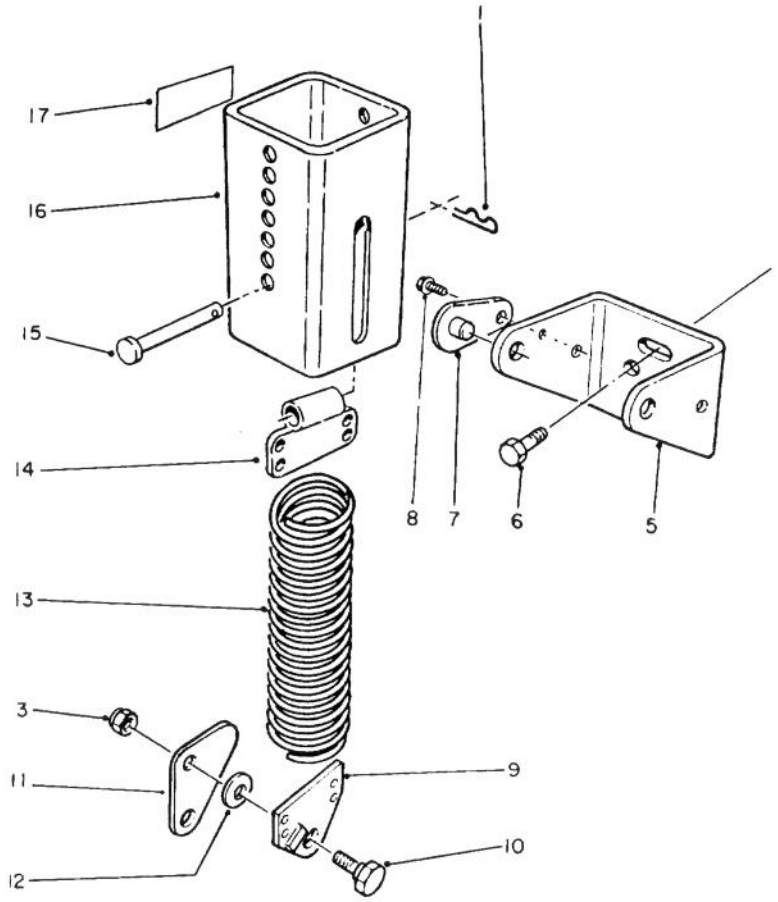


T-0193

TRACTOR SHIELD KIT MODEL NO. 30567 (Optional)
For Use With Cutting Unit Model No. 30568

Ref. No.	Part No.	Description	No. Used
1	67-9580	Seal - Foam	1
2	3217-9	Nut - Hex.	2
3	3218-5	Nut - Hex. Jam	2

Ref. No.	Part No.	Description	No. Used
4	67-9590	Pin - Mounting	2
5	3290-468	Pin - Hair, Cotter	2
6	67-9610	Assembly - Shield	1

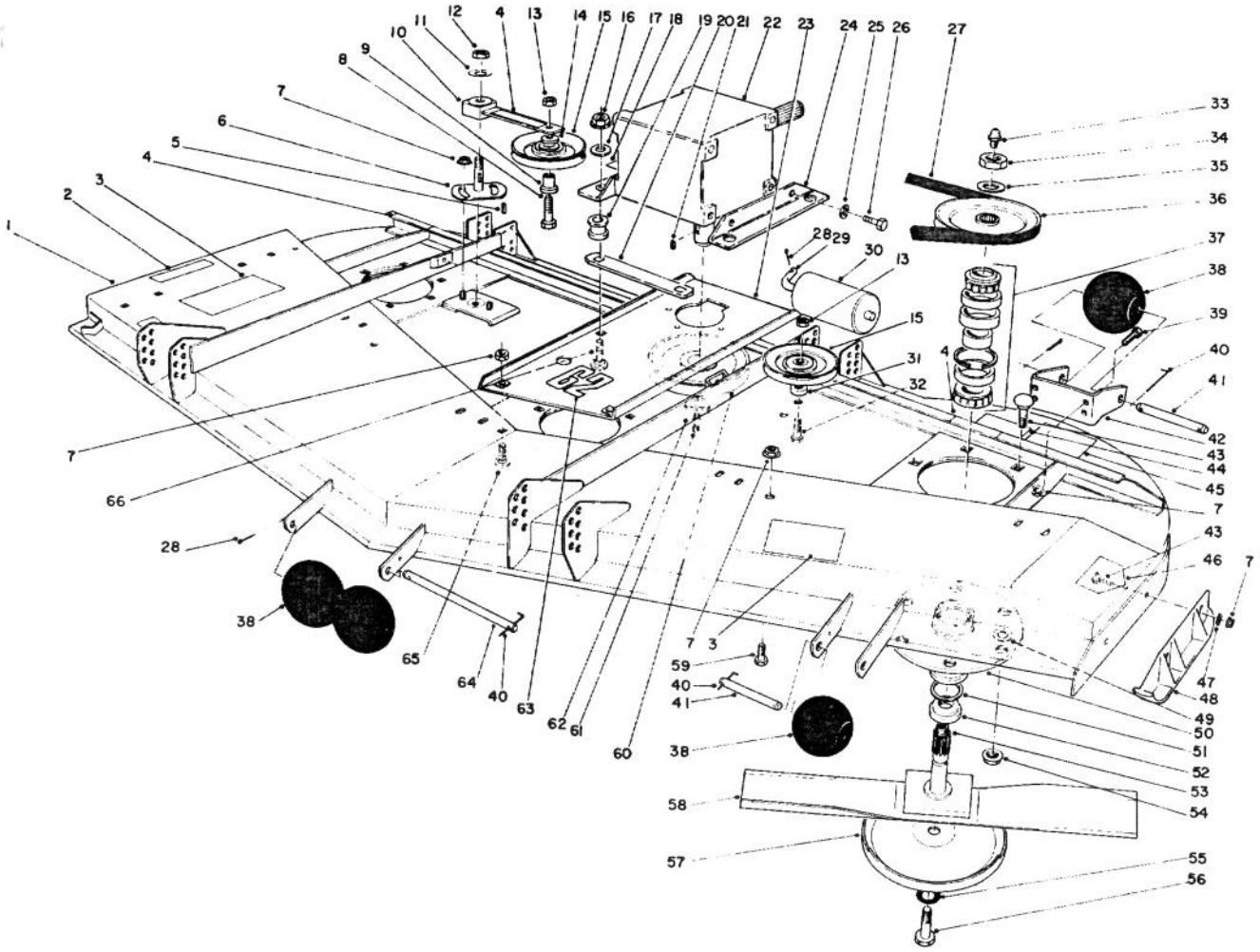


T-1217

52" COUNTER BALANCE KIT PART NO. 70-8090**

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Hair Cotter	1
3	3296-44	Nut - Lock	2
5	66-8460	Bracket - Mounting	1
6	3234-11	Screw - Hex. Flange Hd.	2
7	70-7920	Assembly - Pin, Lock	2
8	12-3270	Screw - Self Tapping	2
9	66-8420	End - Spring	1
10	46-3380	Bolt - Shoulder	2
11	66-8450	Link - Knee	1
12	3256-24	Washer - Flat	2
13	66-8390	Spring - Extension	1
14	70-7940	End - Spring	1
15	283-69	Pin - Clevis	1
16	70-7970	Assembly - Cover, Spring	1
17	55-4300	Decal - Caution	2

**Furnished with 52" cutting units model no. 30555 and 30568.

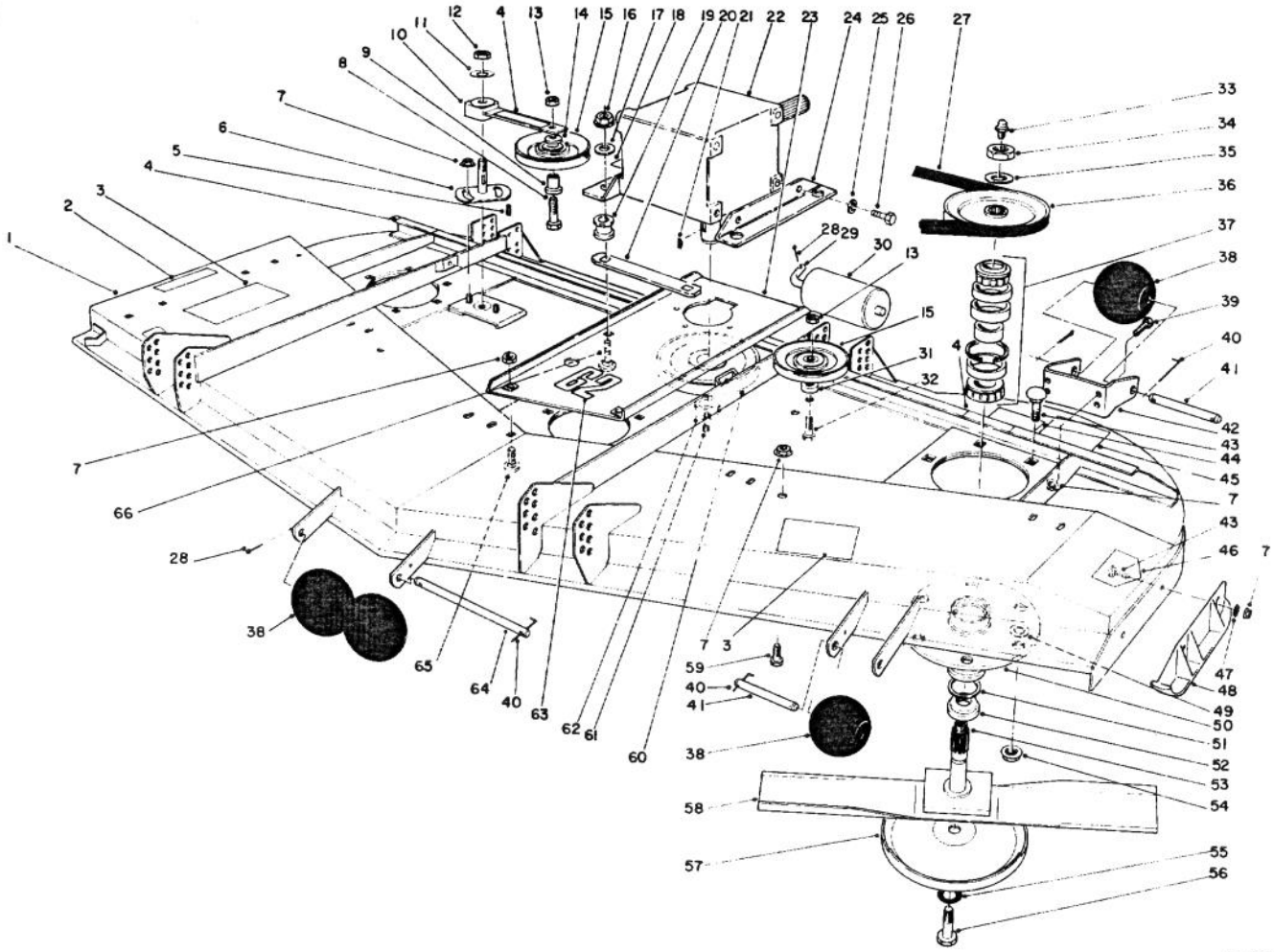


T-0545

62" CUTTING UNIT MODEL NO. 30564

Ref. No.	Part No.	Description	No. Used
1	63-9840	Cutting Deck	1
2	66-6380	Decal - Defector Missing	1
3	66-1340	Decal - Danger	2
4	67-5360	Decal - Shield Missing	3
5	5-1077	Key - Square	1
6	44-6300	Plate - Idler	1
7	3290-357	Nut - Lock	12
8	3211-8	Screw - Cap Hex. Hd.	1
9	65-5950	Bushing - Pulley	2
10	27-8580	Idler Socket/Bushing Assy.	1
11	3256-27	Washer - Flat	1
12	3296-33	Nut - Lock	1
13	3296-5	Nut - Lock	2
14	7-0081	Washer - Special	2
15	65-5940	Pulley - Idler	2
16	32153-2	Nut - Flange	4
17	63-8410	Washer	4
18	70-2560	Decal - Lube	1
19	63-9750	Mount	4
20	68-9890	Cover -Gear Box, Front	1
21	3257-5	Key - Woodruff	1
22	68-6810	Gear Box	1
23	72-9310	Base - Gear Box	1
24	68-8560	Assy. - Bracket, Gear Box	2
25	3253-21	Washer - Lock	4
26	323-4	Screw - Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
27	44-6260	V-Belt	1
28	3272-11	Pin - Cotter	5
29	40-0340	Shaft - Rear Roller	2
30	36-1740	Roller - Deck	2
31	44-6390	Spacer	1
32	3211-9	Screw - Cap Hex. Hd.	1
33	302-2	Fitting - Grease	3
34	32146-20	Nut - Jam	3
35	7-4150	Washer	3
36	44-6340	Pulley - Hub Spindle	3
37	46-8530	Assembly - Bearing	3
38	29-4820	Roller	4
39	323-6	Screw - Cap Hex. Hd.	2
40	57-0690	Pin - Cotter, Special	3
41	57-0680	Shaft - Short	2
42	57-0580	Bracket - Roller, Left Rear	1
43	3231-22	Bolt - Carriage, Short Neck	20
44	68-8340	Decal - Blade Bolt Torque	1
45	68-7260	Decal - Rear Weight 35#	1
46	43-8480	Decal - Danger	1
47	3290-224	Washer - Pyramidal	
48	57-0570	Skid - L.H.	
49	3256-24	Washer - Flat	
50	61-4160	Housing - Spindle	3
51	253-139	Seal	6
52	27-0950	Spacer	3



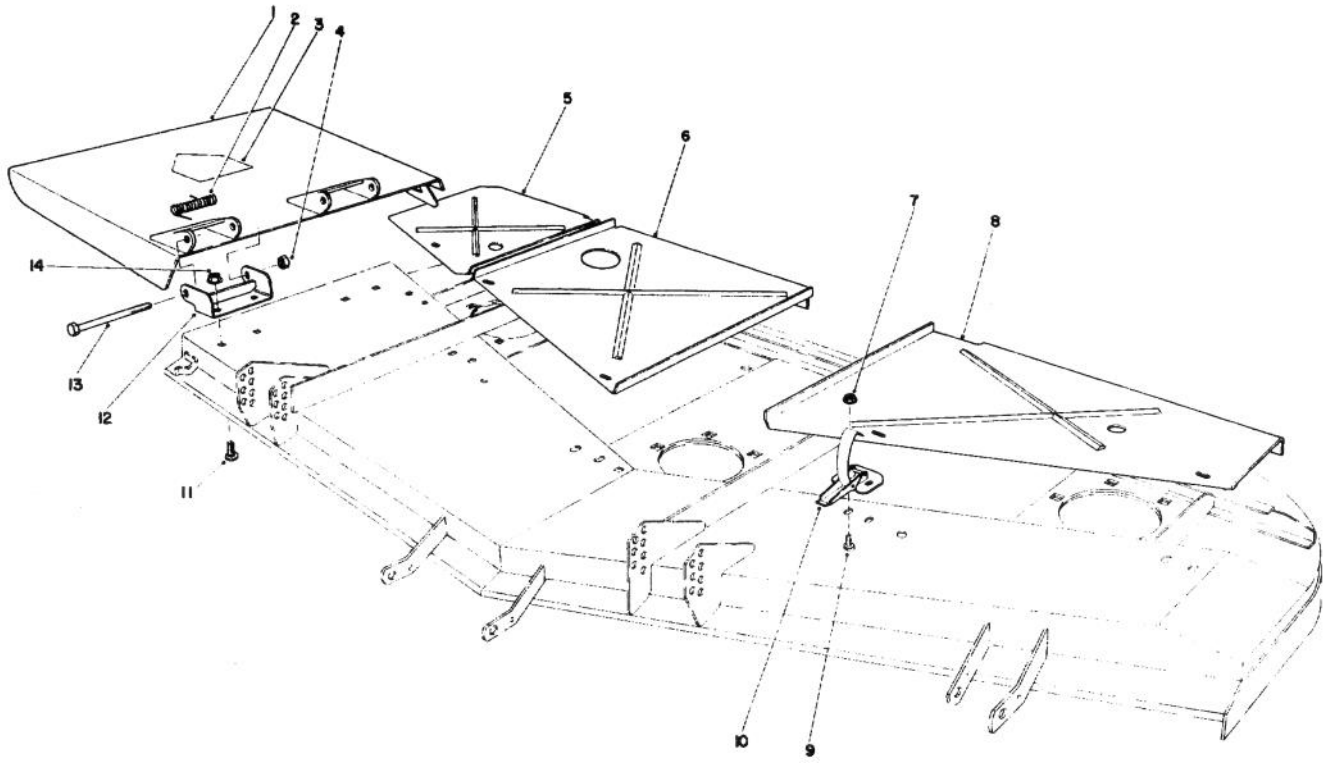
T-0545

62" CUTTING UNIT MODEL NO. 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
53	27-0920	Spindle - Shaft	3
54	32128-21	Nut - Flange	18
55	67-5770	Washer - Lock	3
56	44-2200	Screw - Cap, Blade	3
57	72-9361	Cup - Anti-Scalp	3
58	44-6250	Blade	3
59	323-4	Screw - Cap Hex. Hd.	2
60	63-9900	Pulley - Gear Box	1
61	3245-9	Screw - Set, Socket Hd.	2

Ref. No.	Part No.	Description	No. Used
62	27-6140	Bushing - Taper Lock (Incl. Ref. #61)	1
63	66-1630	Decal - 62	1
64	40-6400	Shaft - Long	1
65	3231-27	Bolt - Carriage	4
66	3231-26	Bolt - Carriage	4
*	44-6370	Assembly - Spindle (Incl. Ref. #33-37 & 50-53)	3

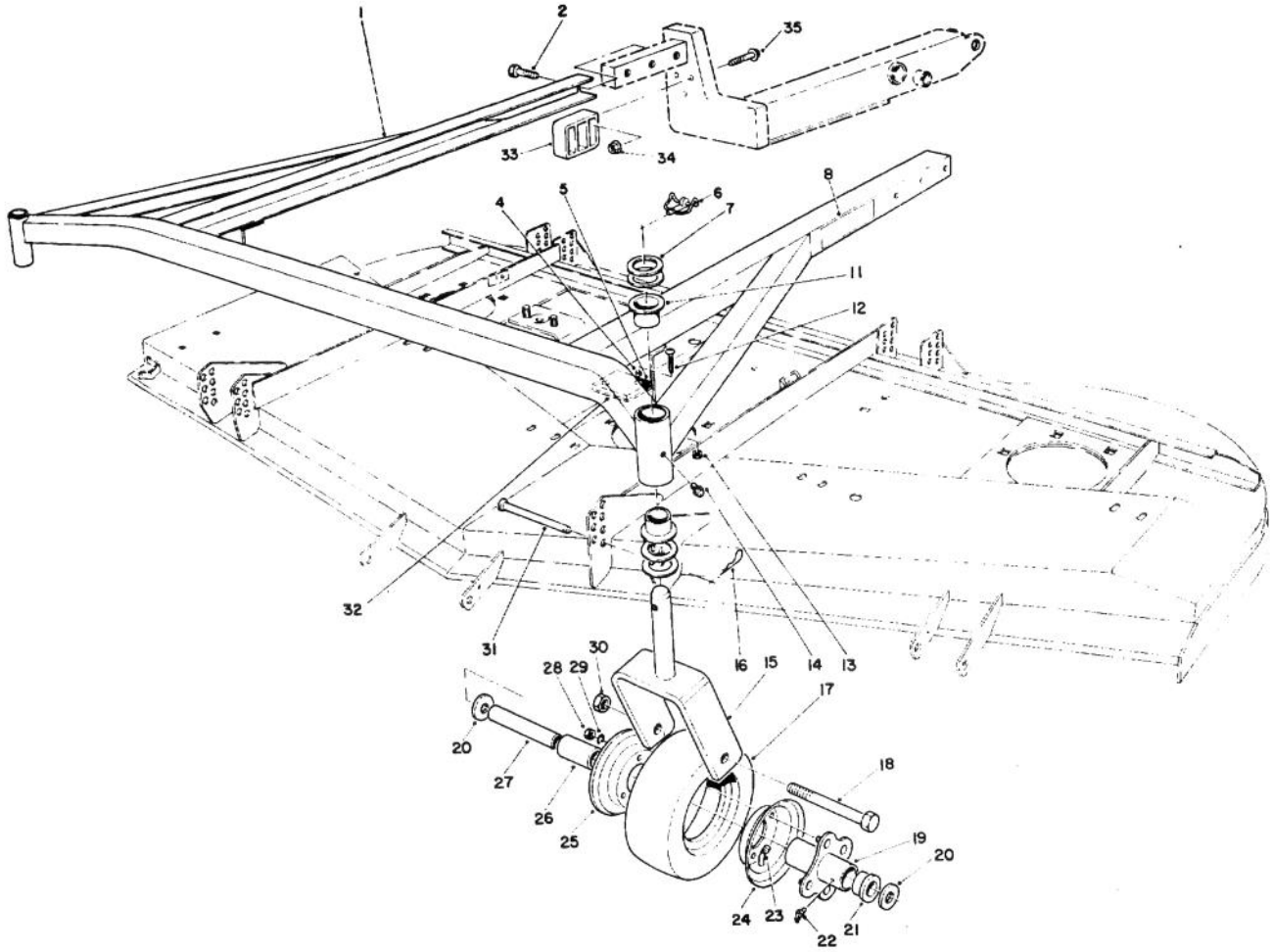
*Not Illustrated



T-0560

62" CUTTING UNIT MODEL 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
1	14-0909	Deflector Assembly (Incl. Ref. #3)	1
2	51-1550	Spring	2
3	43-8480	Decal - Danger	1
4	32153-5	Nut - Lock	2
5	63-9830	Cover - Deck R.H.	1
6	72-9320	Cover - Deck Center	1
7	32128-17	Nut - Flange	10
8	44-6290	Cover - Deck L.H.	1
9	3290-321	Screw - Hex. Slotted Hd.	10
10	249-21	Latch - Draw	5
11	3231-27	Bolt - Carriage	4
12	51-1530	Bracket - Hinge	2
13	325-17	Screw - Cap Hex. Hd.	2
14	3290-357	Nut - Lock	4



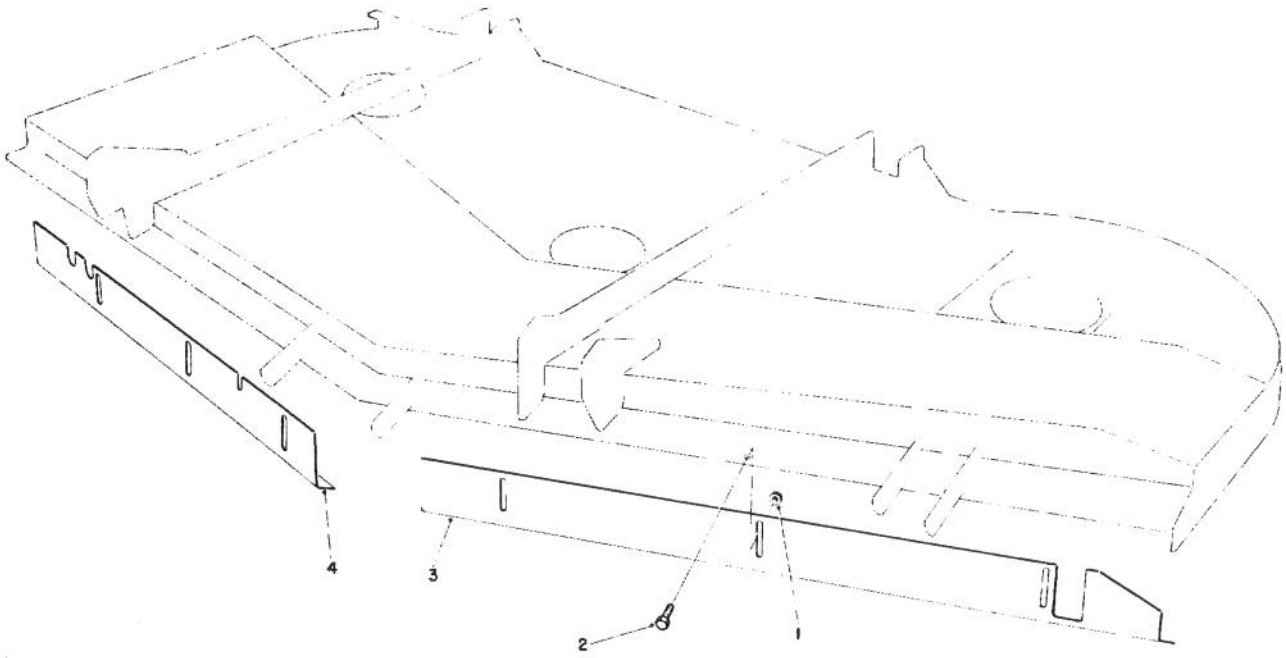
T-1251

62" CUTTING UNIT MODEL NO. 30564 (Continued)

Ref. No.	Part No.	Description	No. Used
1	83-4560	Frame (Incl. Ref. #9 & 10)	1
2	325-32	Screw - Cap Hex. Hd.	6
4	40-9520	Spacer - Split	4
5	40-0330	Cushion - Rubber	2
6	3290-384	Pin - Lynch	2
7	3-6781	Washer - Thrust	8
8	68-8360	Decal - H.O.C.	1
11	28-9290	Bushing - Special	4
12	32122-28	Screw - Mach. Truss Hd.	4
13	3296-2	Nut - Lock	4
14	302-5	Fitting - Grease	2
15	68-8900	Fork - Castor, Front	2
16	3290-355	Pin - Hair, Cotter	4
17	68-8960	Tire	2
18	325-19	Screw - Cap Hex. Hd.	2
19	68-8940	Hub - Center	2
20	3256-6	Washer - Flat	4

Ref. No.	Part No.	Description	No. Used
21	62-5580	Bushing	4
22	302-61	Fitting - Grease	2
23	68-8950	Tube - w/Valve	2
24	68-8920	Wheel Half - Female	2
25	68-8930	Wheel Half - Male	2
26	62-5570	Bearing - Roller	2
27	68-8980	Bushing - Spanner	2
28	3217-6	Nut - Hex.	8
29	3253-4	Washer - Lock	8
30	32153-5	Nut - Lock	2
31	283-55	Pin - Clevis	4
32	42-6200	Shim - Cushion	3
33	83-4520	Cradle - Rear	2
34	32128-40	Nut - Flange	6
35	3234-19	Screw - Flange Hd.	6
*	13-3869	Assembly - Caster Wheel (Incl. Ref. #17, 19, 21-26 & 28-29)	2

*Not Illustrated

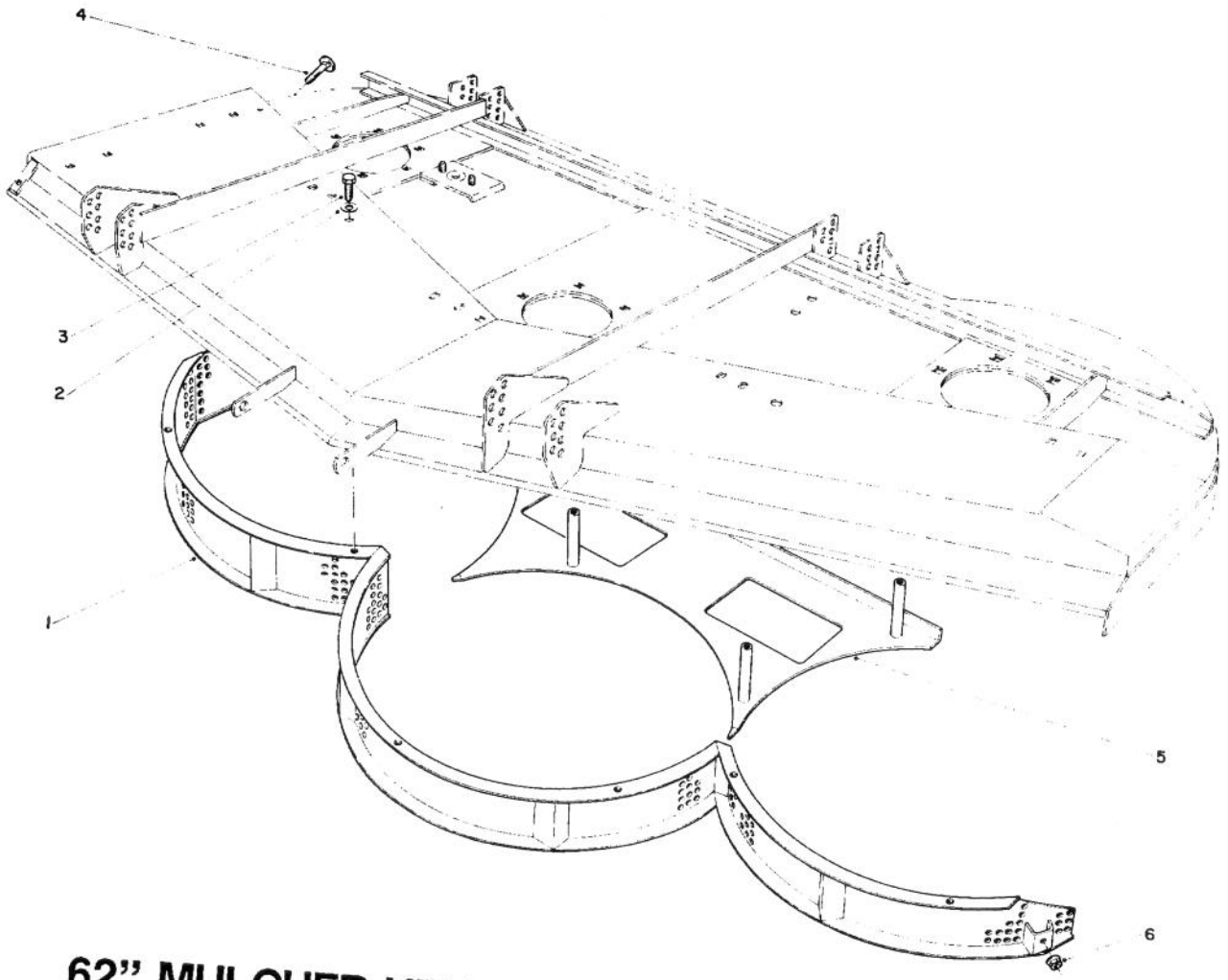


T-1212

62" BAFFLE KIT PART NO. 82-8800
(Used on Cutting Unit Model 30564)

Ref. No.	Part No.	Description	No. Used
1	32128-20	Nut - Flange	6
2	322-3	Screw	6
3	82-8810	Baffle - Front, L.H.	1

Ref. No.	Part No.	Description	No. Used
4	82-8820	Baffle - Front, R.H.	1

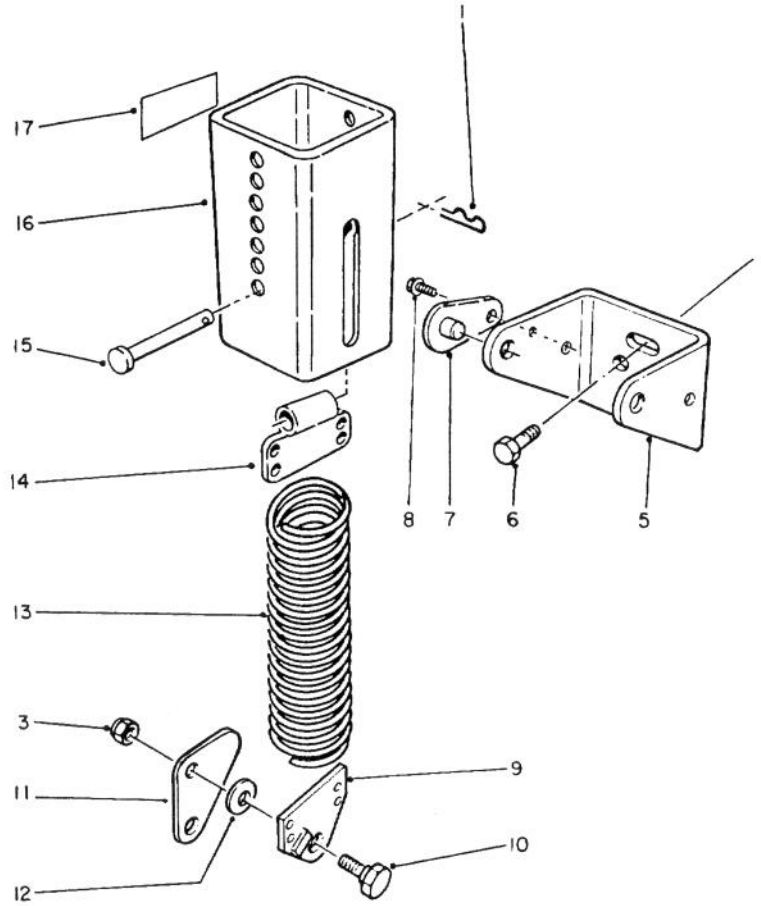


T-0598

62" MULCHER KIT MODEL NO. 30792 (Optional)
For Cutting Unit Model No. 30564

Ref. No.	Part No.	Description	No. Used
1	46-3010	Screen - Mulcher	1
2	3253-21	Washer - Lock	10
3	323-4	Screw - Cap 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, Flange	6



T-1217

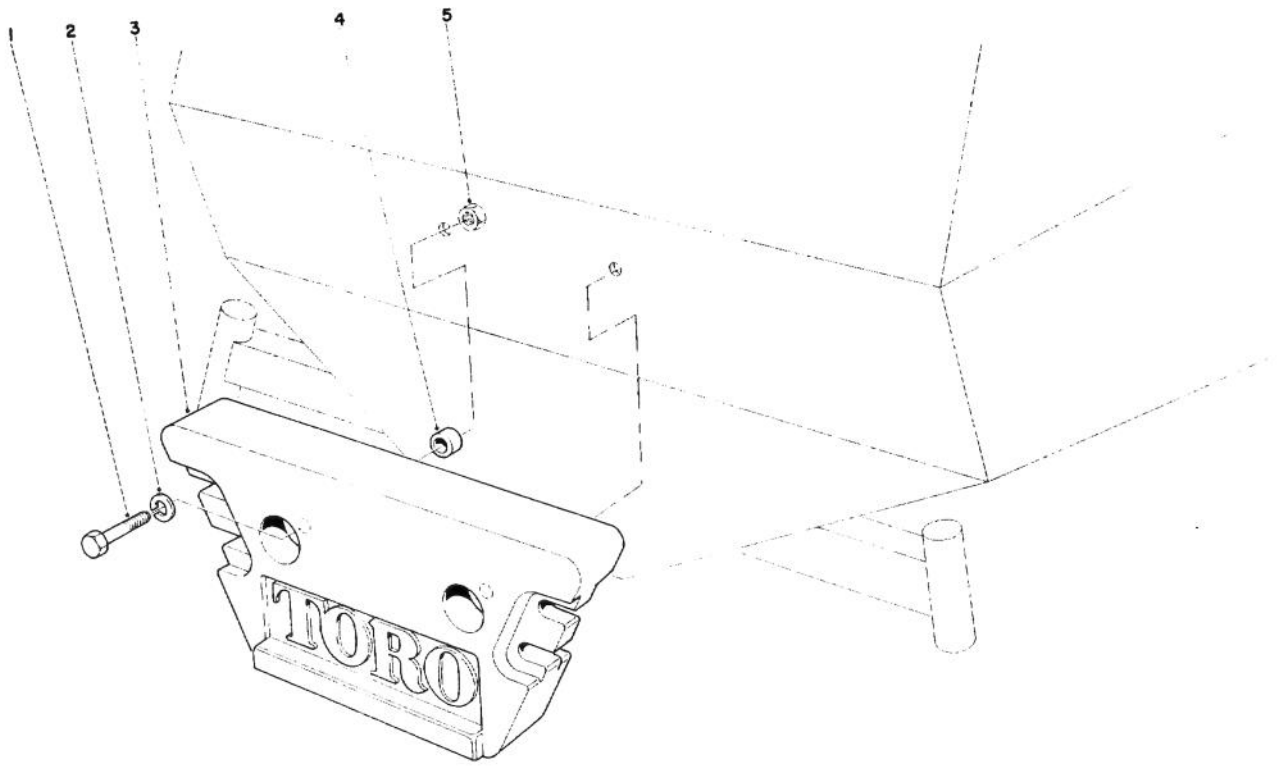
62" COUNTER BALANCE KIT PART NO. 70-8100**

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Hair Cotter	2
3	3296-44	Nut - Lock	4
5	66-8230	Bracket - Mounting	2
6	3234-11	Screw - Hex. Flange Hd.	4
7	70-7920	Lock Pin Assembly	4
8	12-3270	Screw - Self Tapping	4
9	66-8420	End - Spring	2
10	46-3380	Bolt - Shoulder	4
11	66-8440	Link - Knee	2

Ref. No.	Part No.	Description	No. Used
12	3256-24	Washer - Flat	4
13	66-8390	Spring - Trim Side (Heavy Duty)	1
*	66-8410	Spring - Discharge Side (Light Duty)	1
14	70-7940	End - Spring	2
15	283-69	Pin - Clevis	2
16	70-7970	Spring Cover Assembly	2
17	55-4300	Decal - Caution	4

*Not Illustrated **Furnished with 62" cutting unit model no. 30564.

Note: Light duty spring No. 66-8410 used on discharge side only without 62" blower kit.

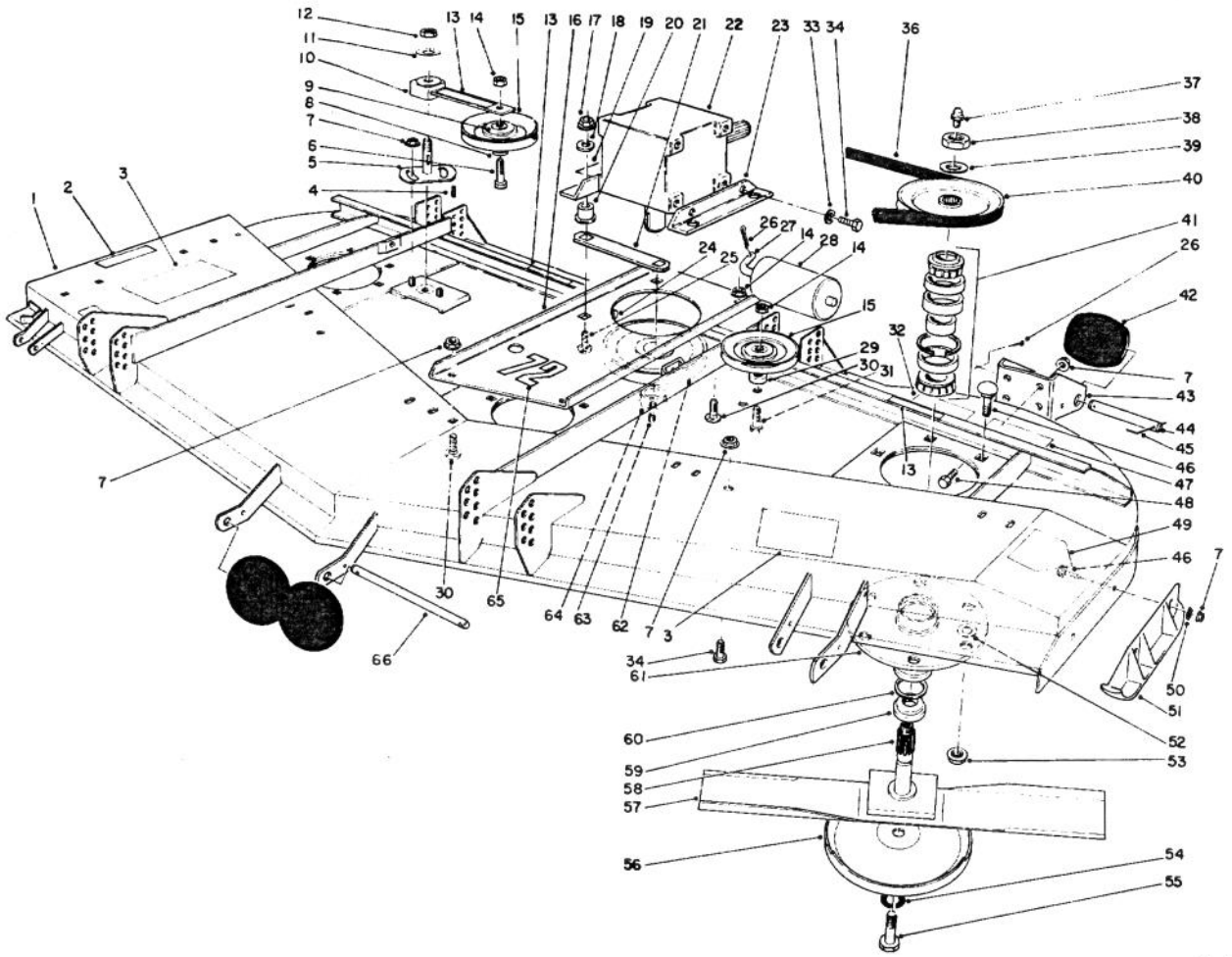


T-0562

REAR WEIGHT

Ref. No.	Part No.	Description	No. Used
†1	325-8	Screw - Cap Hex .Hd.	2
†2	3253-7	Washer - Lock	2
†3	24-5790	Weight - Rear	1
†4	57-4230	Spacer	2
†5	3217-9	Nut - Hex.	2

†One weight required on Groundsmaster 220D with 62" Cutting Unit. Parts must be ordered separately.



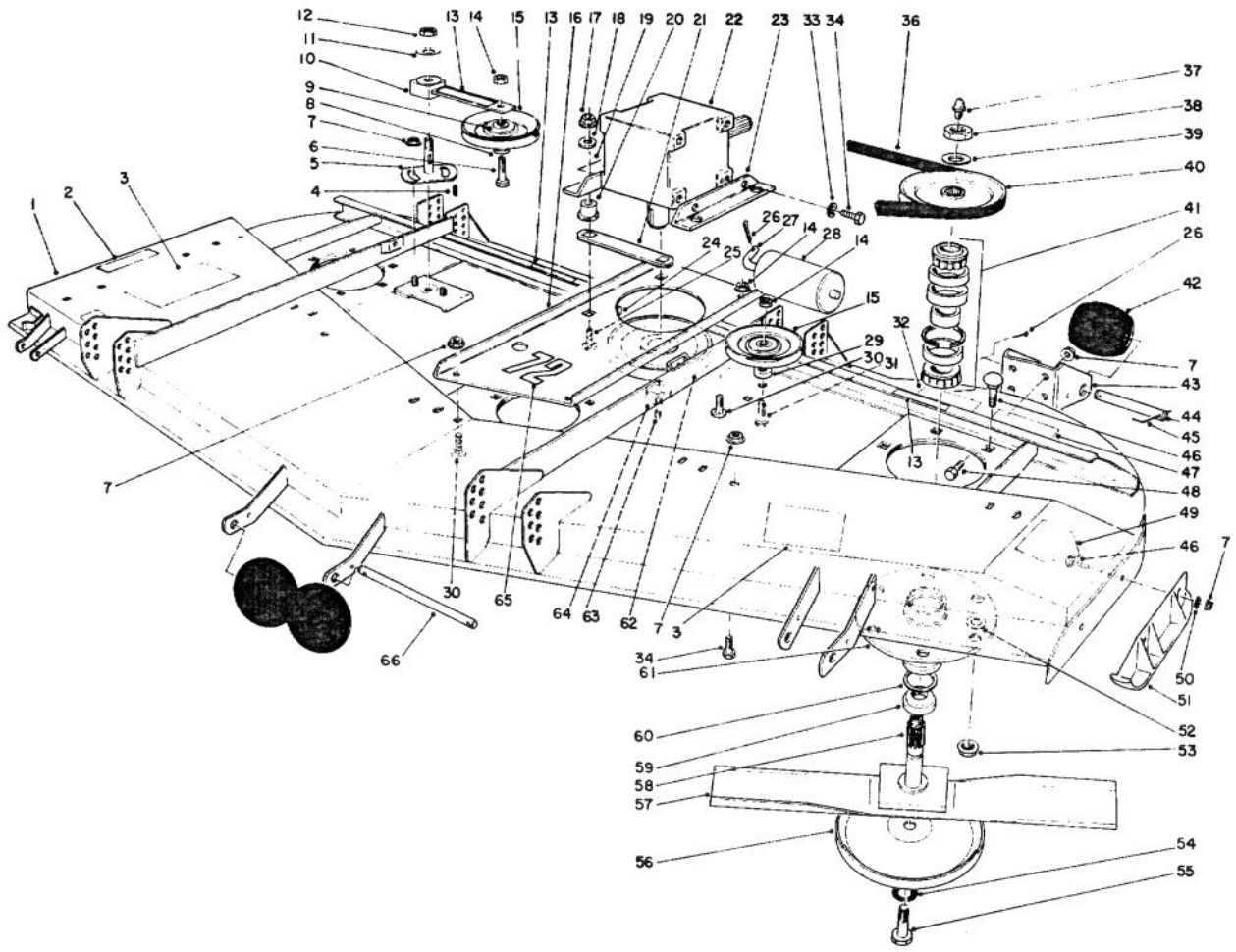
T-0579

72" CUTTING UNIT MODEL NO. 30575

Ref. No.	Part No.	Description	No. Used
1	57-0300	Housing	1
2	66-6380	Decal - Deflector Missing	1
3	66-1340	Decal - Danger	2
4	5-1077	Key - Square	1
5	44-6300	Idler Plate	1
6	3211-8	Screw - Cap Hex. Hd.	1
7	3290-357	Nut - Lock	14
8	65-5950	Bushing - Pulley	2
9	7-0081	Washer - Special	2
10	27-8580	Assembly - Idler Socket & Bushing	1
11	3256-27	Washer - Flat	1
12	3296-33	Nut - Lock	1
13	67-5360	Decal - Shield Missing	3
14	3296-5	Nut - Lock	2
15	65-5940	Pulley - Idler	2
16	68-8530	Base - Gear Box	1
17	32153-2	Nut - Lock	4
18	63-8410	Washer-Lock	4
19	70-2560	Decal - Lube	1
20	63-9750	Mount - Isolation	4
21	68-9890	Cover - Gear Box, Front	1
22	68-6810	Gear Box	1
23	68-8560	Bracket - Gear Box	2
24	3257-5	Key - Woodruff	1
25	3231-26	Bolt - Carriage	4

Ref. No.	Part No.	Description	No. Used
26	3272-11	Pin - Cotter	7
27	40-0340	Shaft - Rear Roller	2
28	36-1740	Roller - Deck	2
29	44-6390	Spacer	1
30	3231-27	Bolt - Carriage	4
31	3211-9	Screw - Cap Hex. Hd.	1
32	68-8340	Decal - Blade Bolt Torque	1
33	3253-21	Washer - Lock	4
34	323-4	Screw - Cap Hex. Hd.	6
36	57-0240	V-Belt	1
37	302-2	Fitting - Grease	3
38	32146-20	Nut - Hex. Jam	3
39	7-4150	Washer	3
40	57-0560	Pulley	3
41	46-8530	Assembly - Bearing	3
42	29-4820	Roller	6
43	57-0580	Bracket - Roller Left Rear	1
*	57-0590	Bracket - Roller Right Rear	1
44	57-0680	Shaft - Roller	4
45	57-0690	Pin - Cotter, Special	5
46	3231-22	Bolt - Carriage	20
47	68-7270	Decal - Rear Weight 70#	1
48	323-7	Screw - Cap Hex. Hd.	4
49	43-8480	Decal - Danger	1
50	3290-224	Washer - Lock	2
51	57-0570	Skid	1

*Not Illustrated



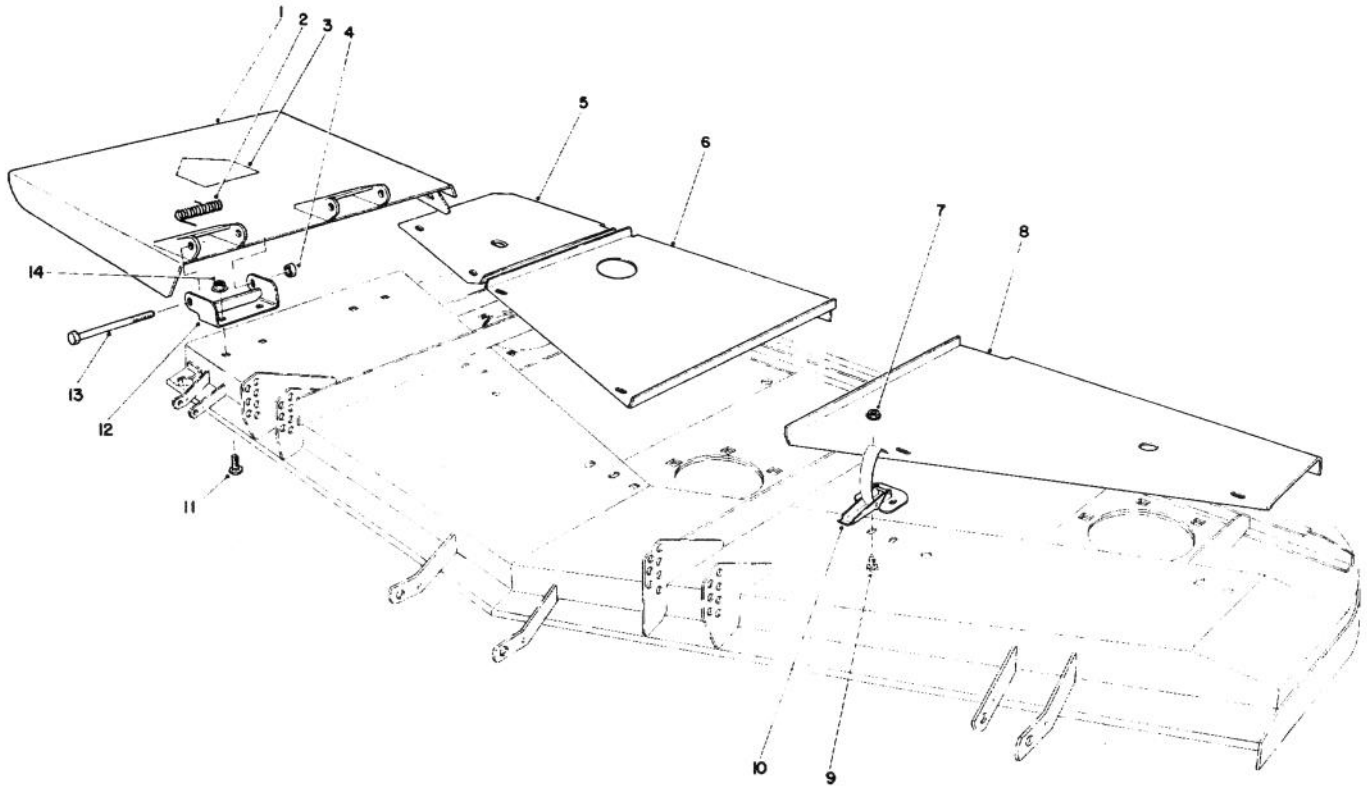
T-0579

72" CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
52	3256-24	Washer - Flat	A/R
53	32128-21	Nut - Flange	18
54	67-5770	Washer	3
55	44-2200	Screw - Cap, Blade	3
56	72-9361	Cup - Anti-Scalp	3
57	57-0250	Blade	3
58	27-0920	Spindle - Shaft	3
59	27-0950	Spacer - Spindle Bearing	3
60	253-139	Seal - Wave	6

Ref. No.	Part No.	Description	No. Used
61	61-4160	Housing - Spindle	3
62	63-9900	Pulley - Gear Box	1
63	3245-9	Screw - Set, Socket Hd.	2
64	27-6140	Bushing - Taper Lock (Incl. Ref. #63)	1
65	57-0280	Decal - 72	1
66	40-6400	Shaft - Roller	1
*	57-0260	Assy. - Spindle Housing (Incl. Ref. #37-41 & 58-61)	3

*Not Illustrated

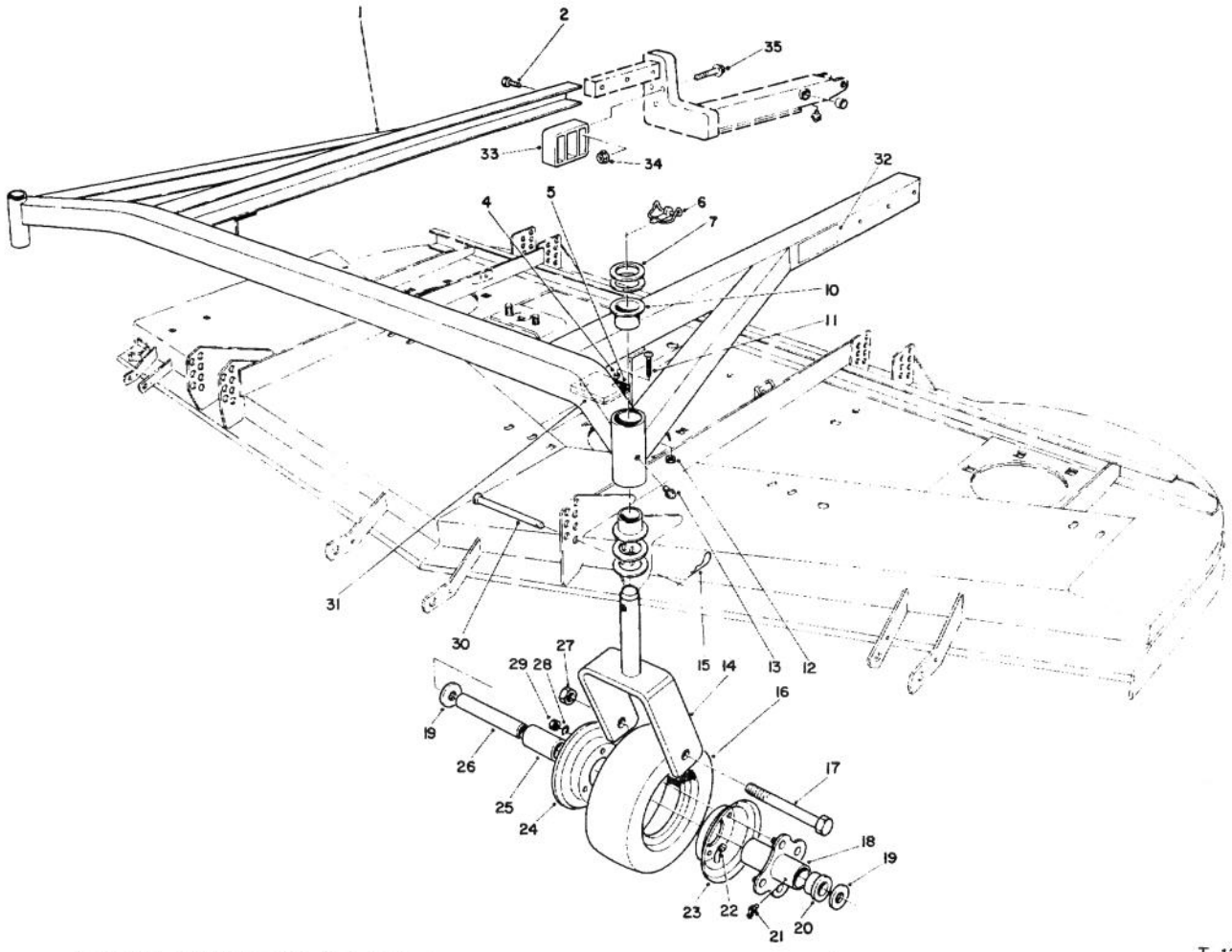


T-0589

72" CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	14-0909	Deflector Assembly (Incl. Ref. #3)	1
2	51-1550	Spring	2
3	43-8480	Decal - Danger	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

Ref. No.	Part No.	Description	No. Used
8	57-0220	Cover - L.H.	1
9	3290-321	Screw - Hex Slotted Hd.	12
10	249-21	Latch - Draw	6
11	3231-27	Bolt - Carriage	4
12	51-1530	Bracket - Hinge	2
13	325-17	Screw - Cap Hex. Hd.	2
14	3290-357	Nut - Flange	4



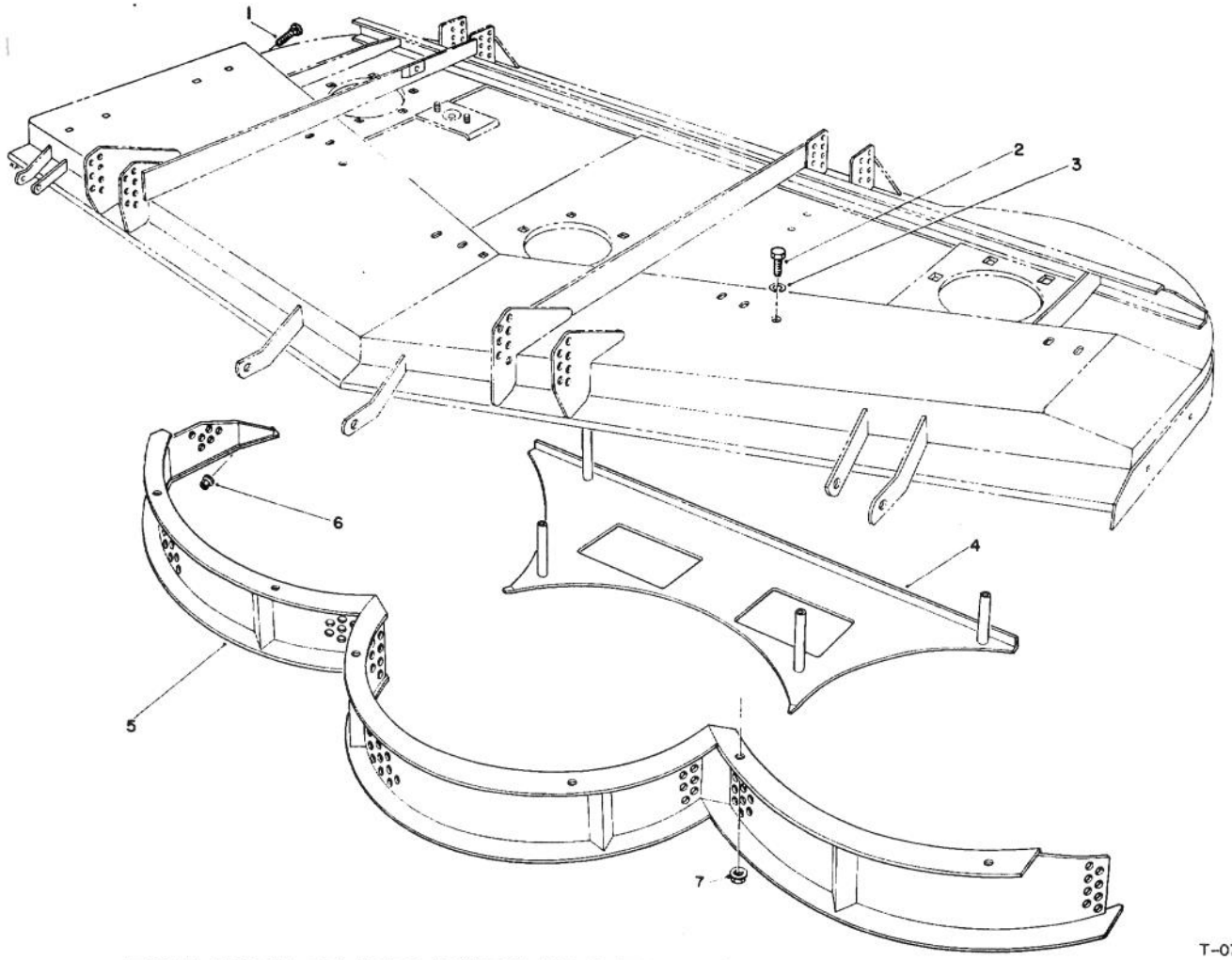
T-1252

72" CUTTING UNIT MODEL NO. 30575 (Continued)

Ref. No.	Part No.	Description	No. Used
1	83-4570	Carrier Frame (Incl. Ref. #10)	1
2	325-32	Screw - Cap Hex. Hd.	6
4	40-9520	Spacer - Split	4
5	40-0330	Cushion - Rubber	2
6	3290-384	Pin - Lynch	2
7	3-6781	Washer - Thrust	8
10	28-9290	Bushing - Special	4
11	32122-28	Screw - Mach. Truss Hd.	4
12	3296-2	Nut - Lock	4
13	302-5	Fitting - Grease	2
14	68-8900	Fork - Castor	2
15	3290-355	Pin - Hair, Cotter	4
16	68-8960	Tire	2
17	325-19	Screw - Cap Hex. Hd.	2
18	68-8940	Hub - Center	2
19	3256-6	Washer - Flat	4
20	62-5580	Bushing	4

Ref. No.	Part No.	Description	No. Used
21	302-61	Fitting - Grease	2
22	68-8950	Tube w/Valve	2
23	68-8920	Wheel Half - Female	2
24	68-8930	Wheel Half - Male	2
25	62-5570	Bearing - Roller	2
26	68-8980	Bushing - Spanner	2
27	32153-5	Nut - Lock	2
28	3253-4	Washer - Lock	8
29	3217-6	Nut - Hex.	8
30	283-55	Pin - Clevis	4
31	42-6200	Shim - Cushion	A/R
32	68-8360	Decal - Height Of Cut	1
33	83-4520	Cradle - Rear	2
34	32128-40	Nut - Flange	6
35	3234-19	Screw - Flange Hd.	6
*	13-3869	Assembly - Castor Wheel (Incl. Ref. #16 -18, 20-25 & 28-29)	1 2

*Not Illustrated

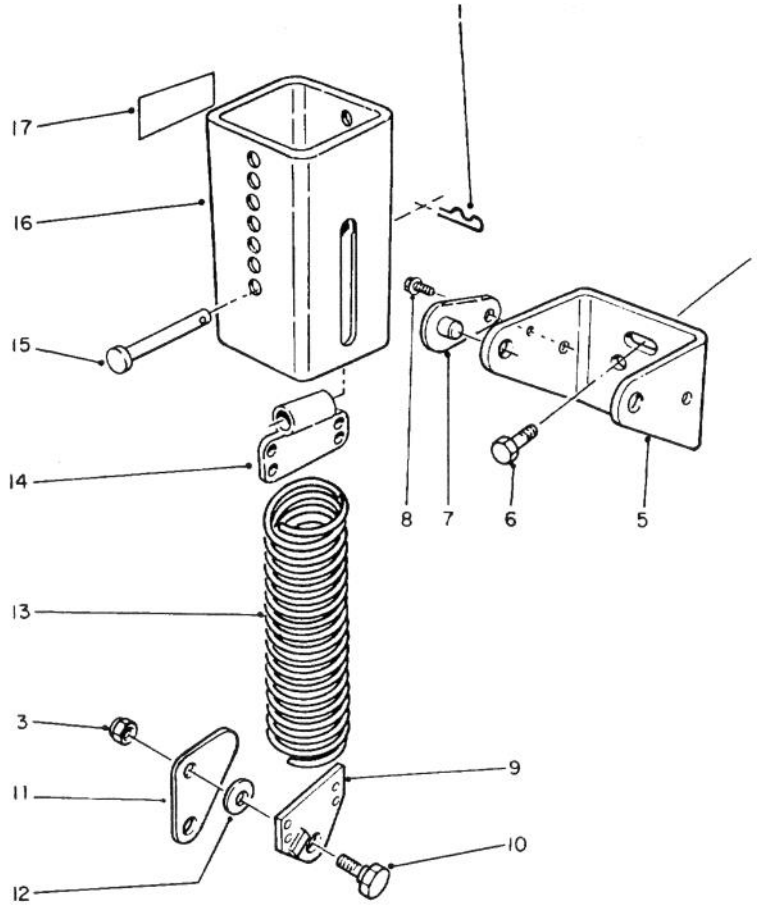


T-0706

72" MULCHER KIT MODEL NO. 30779 (Optional)
For Cutting Unit Model No. 30575

Ref. No.	Part No.	Description	No. Used
1	3230-2	Bolt - Carriage	1
2	323-4	Screw - Cap Hex. Hd.	10
3	3253-21	Washer - Lock	10
4	57-0140	Shelf - W.A.	1

Ref. No.	Part No.	Description	No. Used
5	57-0030	Screen - W.A.	1
6	32128-20	Nut - Flange	1
7	3290-357	Nut - Flange	6



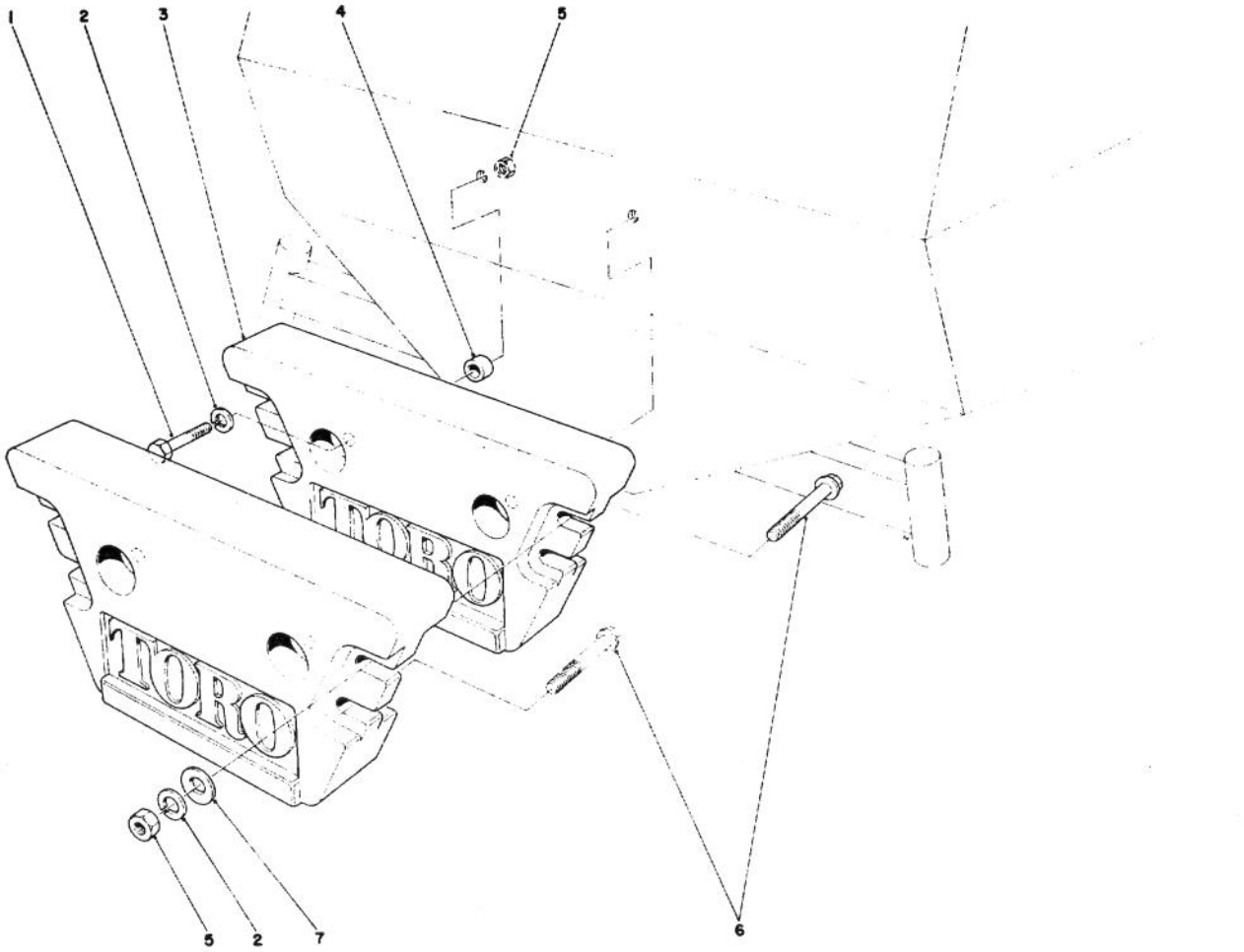
T-1217

72" COUNTER BALANCE KIT PART NO. 70-7010*

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Hair Cotter	2
3	3296-44	Nut - Lock	4
5	66-8230	Bracket - Mounting	2
6	3234-11	Screw - Hex. Flange Hd.	4
7	70-7920	Lock Pin Assembly	4
8	12-3270	Screw - Self Tapping	4
9	66-8420	End - Spring	2
10	46-3380	Bolt - Shoulder	4

Ref. No.	Part No.	Description	No. Used
11	66-8440	Link - Knee	2
12	3256-24	Washer - Flat	4
13	66-8390	Spring - Extension	2
14	70-7940	End - Spring	2
15	283-69	Pin - Clevis	2
16	70-7970	Spring Cover Assembly	2
17	55-4300	Decal - Caution	4

*Furnished with 72" cutting unit model no. 30575.



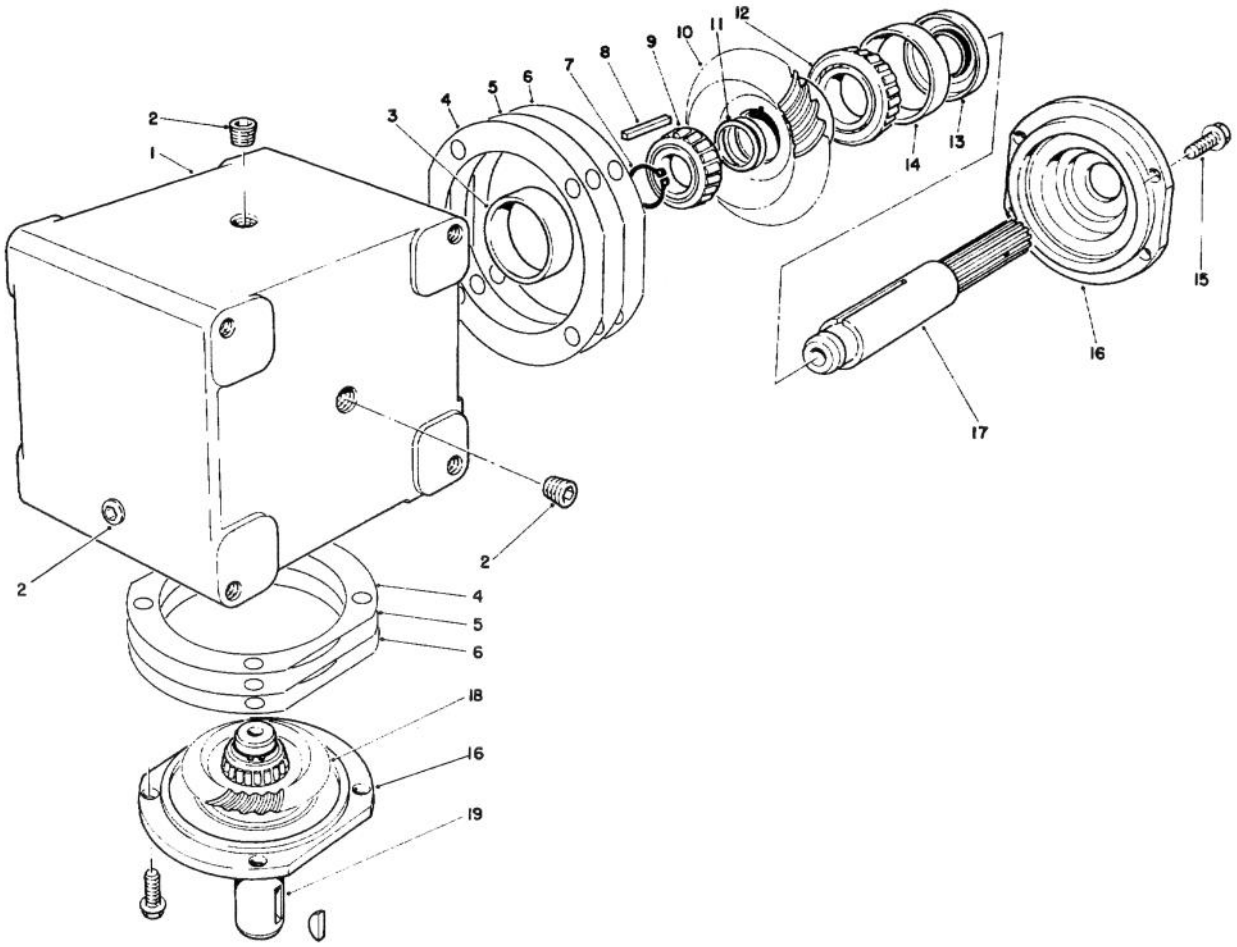
T-0630

†REAR WEIGHT KIT NO. 24-5780

Ref. No.	Part No.	Description	No. Used
1	325-8	Screw - Cap Hex. Hd.	2
2	3253-7	Washer - Lock	6
3	24-5790	Weight - Rear	2
4	57-4230	Spacer	2

Ref. No.	Part No.	Description	No. Used
5	3217-9	Nut - Hex.	6
6	325-14	Screw - Cap Hex. Hd.	4
7	3256-26	Washer - Flat	8

†One kit (2 weights) required on Groundsmaster 220D with 72" Cutting Unit.

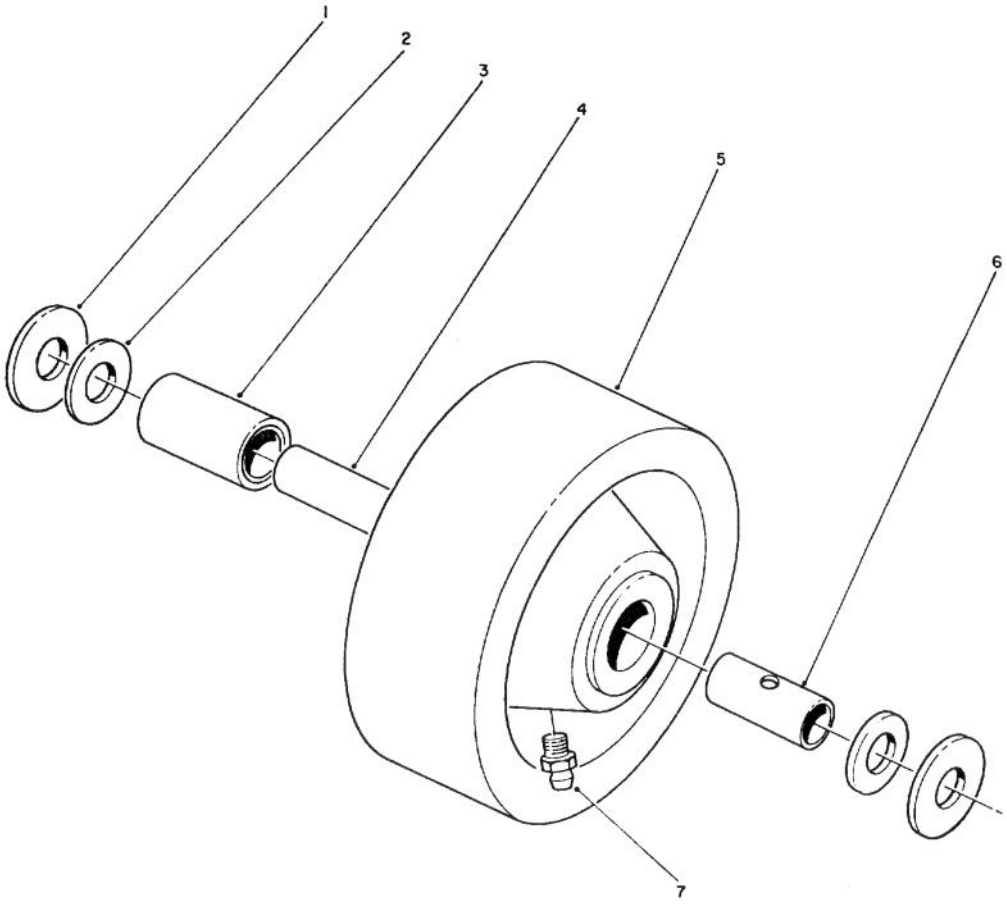


T-0977

GEAR BOX ASSEMBLY NO. 68-6810

Ref. No.	Part No.	Description	No. Used
1	68-7030	Housing	1
2	62-3490	Plug - Pipe (Solid)	4
3	62-3360	Cup - Bearing	2
4	62-3420	Gasket (.015)	A/R
5	62-3430	Gasket (.005)	A/R
6	62-3440	Gasket (.003)	A/R
7	68-7070	Ring - Retaining	2
8	62-3380	Key	2
9	62-3370	Cone - Bearing	2
10	68-7080	Gear	1

Ref. No.	Part No.	Description	No. Used
11	72-9370	Shim (.020)	2
12	62-3330	Cone - Gear	1
13	62-3400	Seal	2
14	62-3340	Cup - Bearing	2
15	62-3310	Screw - Cap	8
16	62-3410	Cap	2
17	68-7040	Shaft	1
18	68-7060	Gear	1
19	68-7050	Shaft	1

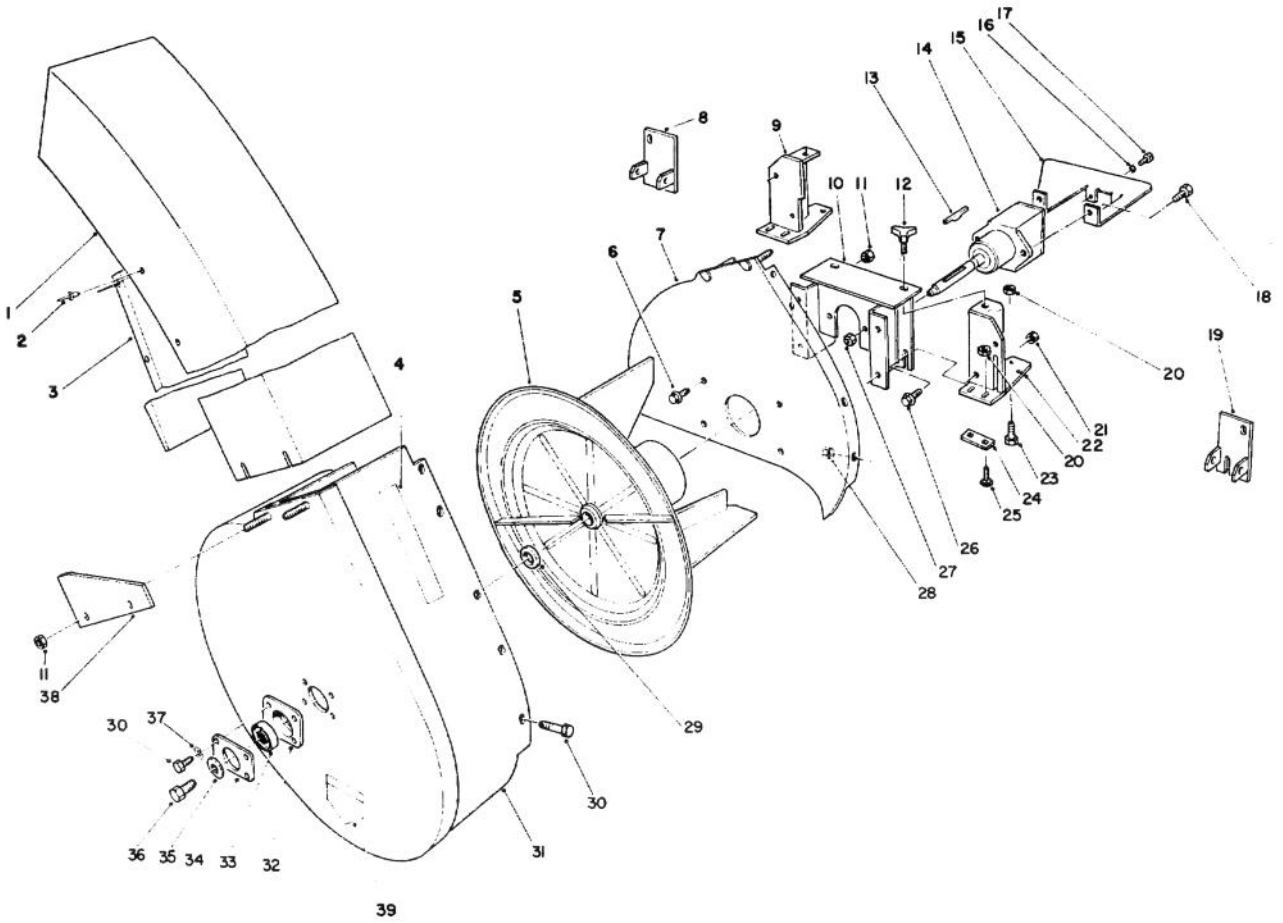


T-0633

PHENOLIC WHEEL ASSEMBLY NO. 27–1050 (Optional)

Ref. No.	Part No.	Description	No. Used
1	27–1170	Washer – Thrust	2
2	27–1180	Retainer – Bearing	2
3	27–121 0	Bearing – Roller	1
†4	68–8980	Bushing – Spanner	1
5	27–1190	Wheel – Caster	1
6	27–1200	Bushing – Spanner	1
7	302–55	Fitting – Grease	1

†Must be ordered separately for use with 1/2" bolt.

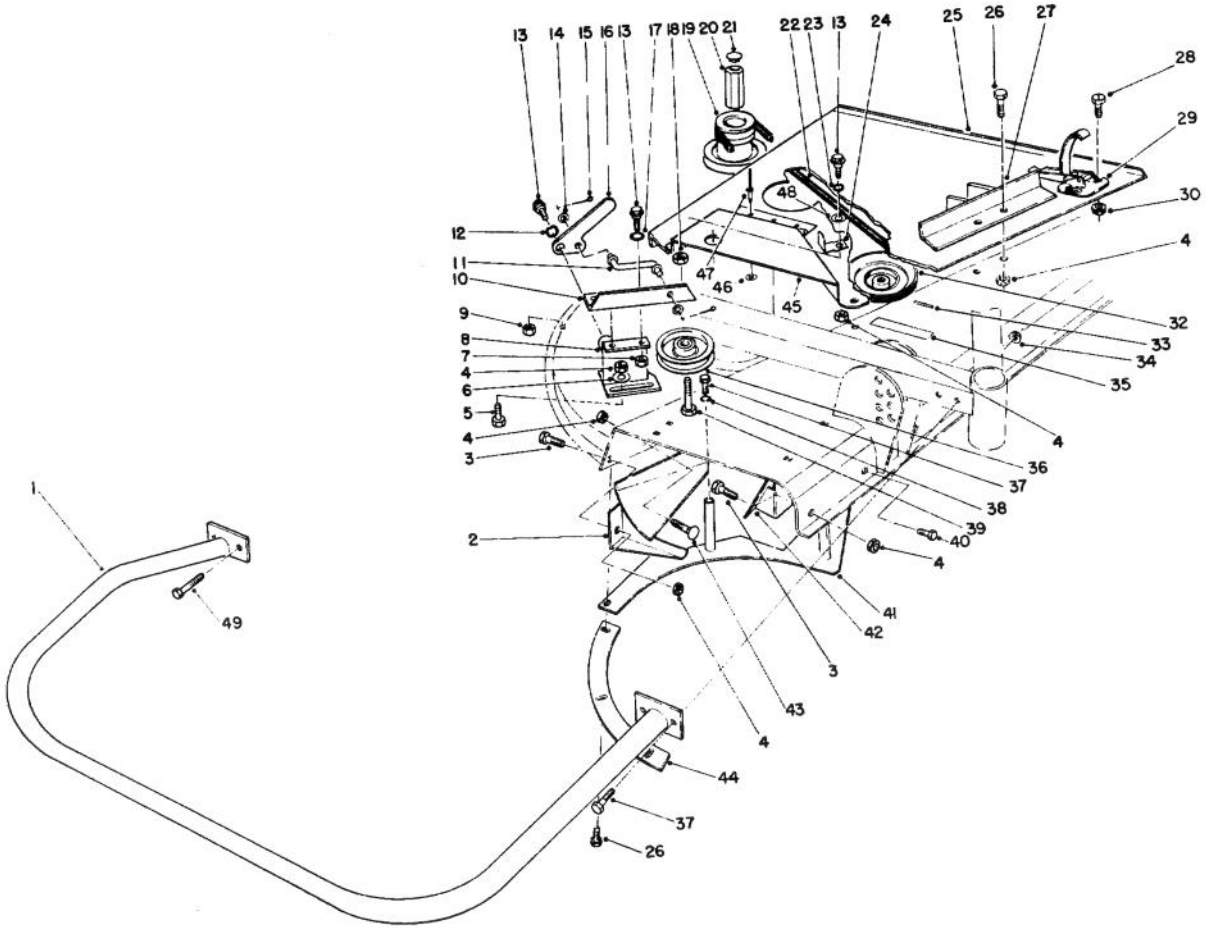


T-0601

52" BLOWER KIT MODEL NO. 30502 (Optional)

Ref. No.	Part No.	Description	No. Used
1	44-5300	Assembly - Chute (Incl. Ref. #2 & 3)	1
2	3290-409	Rivet	8
3		Deflector - Chute	1
4	82-5510	Decal - Warning	1
5	56-4780	Impeller	1
6	3234-14	Screw - Flange	4
7	59-5070	Plate - Mounting	1
8	59-4980	Bracket - Deflector L.H.	1
9	59-5050	Bracket - L.H.	1
10	59-5140	Mount - Blower	1
11	3296-29	Nut - Lock	8
12	62-6520	Knob	2
13	3257-40	Key - Hi Pro	1
14	53-4530	Assembly - Gear Box	1
15	59-5150	Cover - Gear Box	1
16	3255-17	Washer - Lock	2
17	3290-134	Screw - Cap Hex. Hd.	2
18	323-7	Screw - Cap Hex. Hd.	2
19	59-5000	Bracket - Deflector R.H.	1
20	32152-1	Nut - Lock	6

Ref. No.	Part No.	Description	No. Used
21	3218-3	Nut - Jam	2
22	59-5090	Bracket - R.H.	1
23	322-3	Screw - Cap Hex. Hd.	2
24	44-5460	Plate - Bracket	2
25	3230-1	Bolt - Carriage	4
26	3234-11	Screw - Flange	2
27	3296-44	Nut - Lock	2
28	3296-42	Nut - Lock	9
29	63-9710	Spacer - Bearing	1
30	321-3	Screw - Cap Hex. Hd.	13
31	13-0269	Housing - Blower (Incl. Ref. #4 & 39)	1
32	37-6730	Cup - Bearing	1
33	38-7820	Bearing - Ball	1
34	63-9700	Plate - Cover	1
35	43-0940	Spacer - Blower Hub	1
36	3235-22	Screw - Cap Hex. Hd.	1
37	3253-3	Washer - Lock	4
38	43-0960	Bracket - Chute	1
39	43-8480	Decal - Danger	2



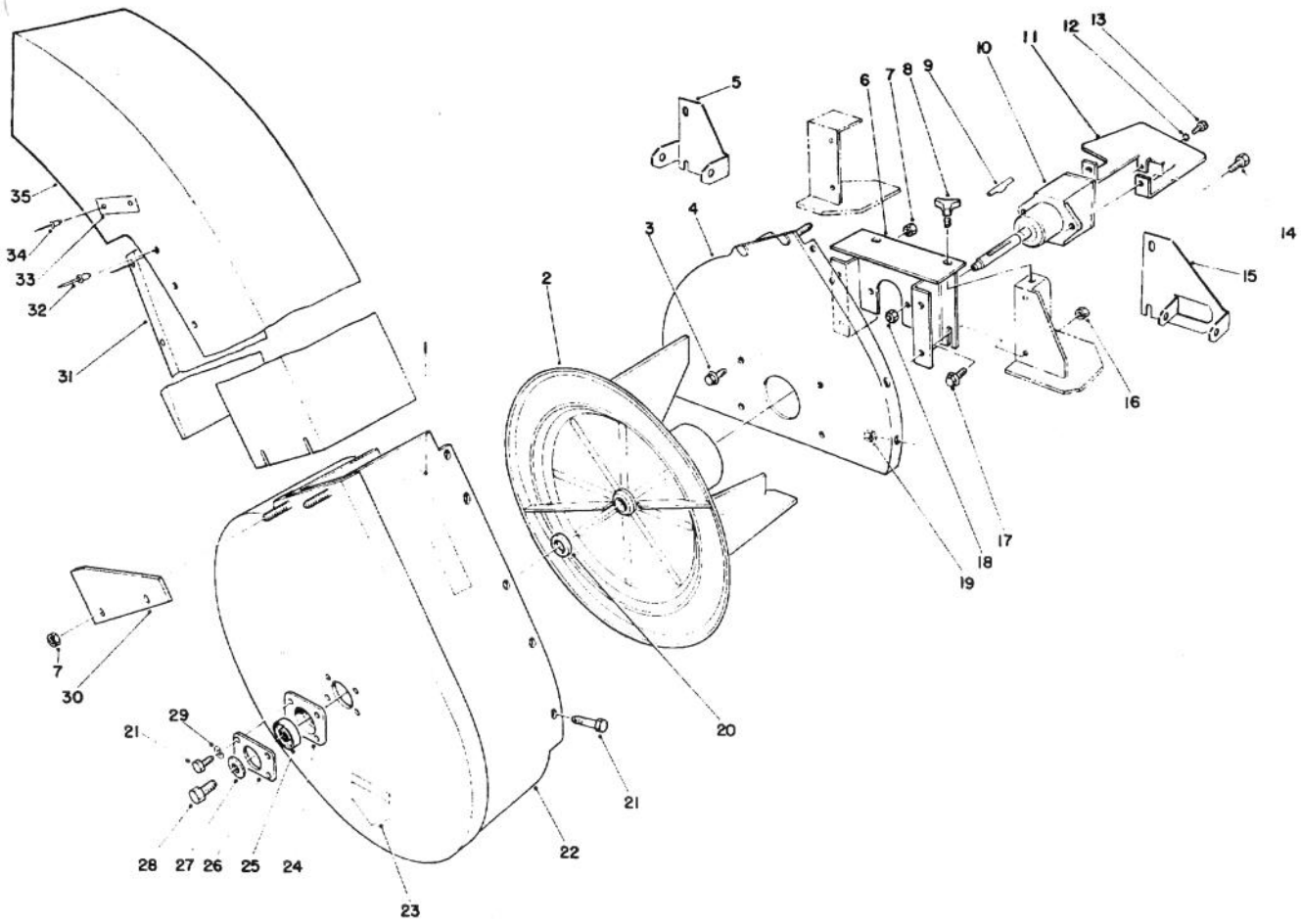
T-0602A

52" BLOWER KIT MODEL NO. 30502 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	70-8050	Bumper	1
2	43-1060	Deflector - Rear	1
3	322-4	Screw - Cap Hex. Hd.	2
4	32152-1	Nut - Lock	10
5	322-3	Screw - Cap Hex. Hd.	3
6	3256-56	Washer - Flat	3
7	3296-29	Nut - Hex.	2
8	59-4920	Bracket - Idler Mounting	1
9	32152-4	Nut - Lock	5
10	59-4930	Slide - Idler	1
11	59-4940	Rod - Idler	1
12	3290-211	Washer - Spring	1
13	19-1470	Bolt - Shoulder	4
14	3256-23	Washer - Flat	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
24	59-5290	Latch	1
25	77-0180	Assembly - Cover, Right	1
26	321-4	Screw - Cap Hex. Hd.	7
27	77-0160	Bracket - Spring	1
28	3290-321	Screw - Machine	4
29	249-21	Latch - Draw	2
30	32128-17	Nut - Flange	4
31	32153-4	Nut - Lock	2
32	56-4810	Pulley - Gear Box	1
33	32121-8	Pin - Roll	1
34	32128-43	Nut - Lock	2
35	43-1120	Decal - Warning	1
36	56-4920	Pulley - Idler	1
37	323-6	Screw - Cap Hex. Hd.	6
38	3253-21	Washer - Lock	4
39	323-7	Screw - Cap Hex. Hd.	1
40	322-2	Screw - Cap Hex. Hd.	2
41	44-7770	Shelf - Rear	1
42	67-7540	Deflector - Front	1
43	3230-1	Bolt - Carriage	2
44	44-7780	Shelf - R.H.	1
45	77-0130	Cover - Pulley	1
46	3256-13	Washer - Flat	3
47	3290-55	Rivet - Pop	3
48	3256-4	Washer - Flat	1
49	325-32	Screw - Cap Hex. Hd.	2
*	44-5480	Blade - High Sail (18") (Optional)	1
*†	32128-23	Nut - Flange	2

*Not Illustrated

†Required on older units for mounting Bumper No. 70-8050 to carrier frame.



T-1164

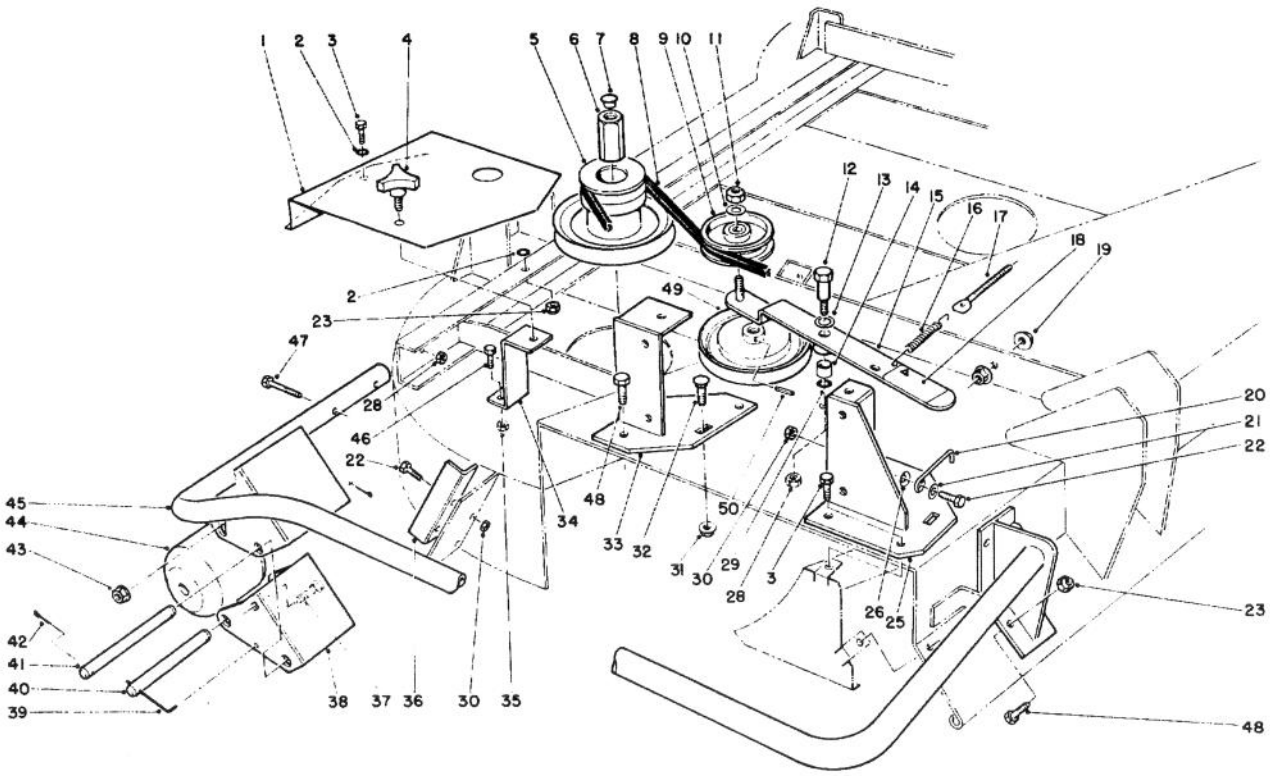
62" BLOWER KIT MODEL NO. 30503 (Optional)

Ref. No.	Part No.	Description	No. Used
1	82-5510	Decal - Warning	1
2	56-4780	Impeller	1
3	3234-14	Screw - Flange Hd.	4
4	77-5820	Plate W.A. - Mounting	1
5	80-2820	Bracket - Pivot, L.H.	1
6	77-5440	Mount - Blower W.A.	1
7	3296-29	Nut - Lock	8
8	62-6520	Knob	2
9	3257-40	Key - Hi Pro	1
10	53-4530	Gear Box Assembly	1
11	77-5630	Cover - Gear Box	1
12	3255-17	Washer - Lock	2
13	3290-134	Screw - Cap Hex. Hd.	2
14	323-7	Screw - Cap Hex. Hd.	2
15	80-2810	Bracket - Pivot R.H.	1
16	3218-3	Nut - Jam	2
17	3234-11	Screw - Flange Hd.	2
18	3296-44	Nut - Lock	2
19	3296-42	Nut - Lock	9

Ref. No.	Part No.	Description	No. Used
20	63-9710	Spacer - Bearing	2
21	321-3	Screw - Cap Hex. Hd.	13
22	13-0269	Housing - Blower (Incl. Ref. #1 & 23)	1
23	43-8480	Decal - Danger	1
24	37-6730	Cup - Bearing	1
25	38-7820	Bearing - Ball	1
26	63-9700	Cover - Plate	1
27	43-0940	Spacer - Hub, Blower	1
28	3235-22	Screw - Cap Hex. Hd.	1
29	3253-3	Washer - Lock	4
30	43-0960	Bracket - Chute	2
31		Deflector - Chute	1
32	3290-409	Rivet	6
33	80-4670	Plate	2
34	3290-271	Rivet	4
35	80-3720	Chute Assembly (Incl. Ref. #32-34)	1
*†	66-8390	Spring - Heavy Duty	1

*Not Illustrated

†Heavy duty spring no. 66-8390 used on discharge side of cutting unit with blower.

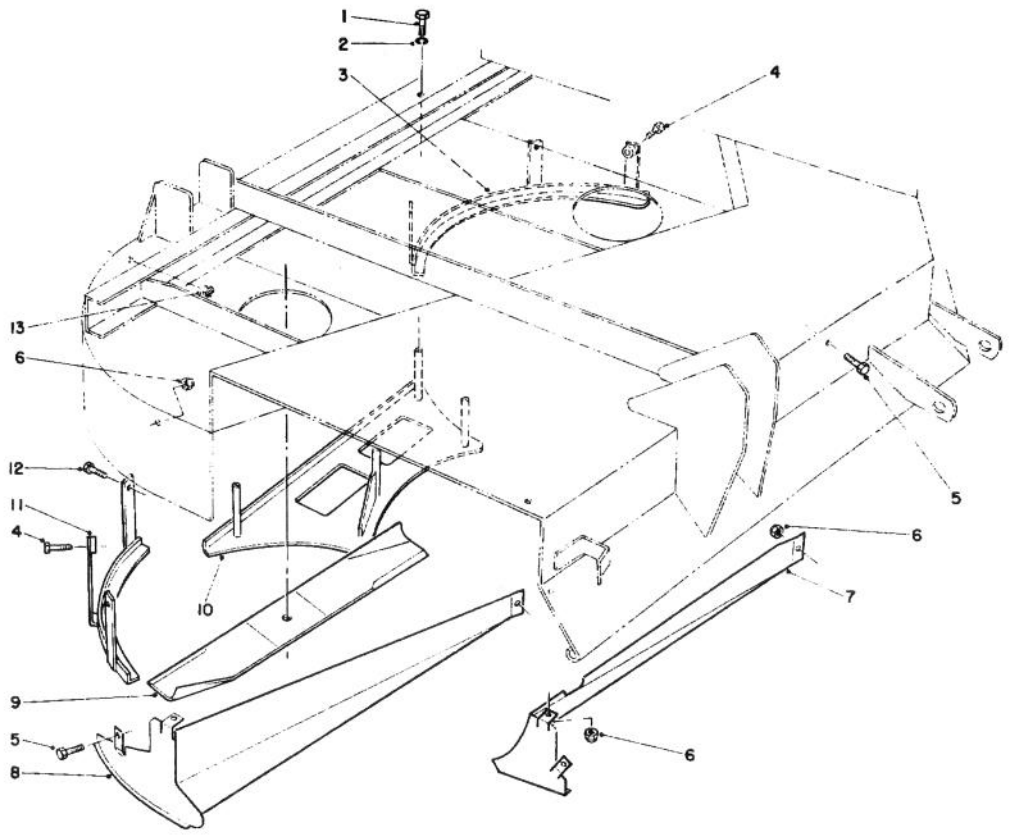


T-1167A

62" BLOWER KIT MODEL NO. 30503 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
1	77-5620	Cover - Deck, R.H.	1
2	3256-23	Washer - Flat	2
3	322-5	Screw - Cap Hex. Hd.	2
4	62-6520	Knob	1
5	77-5420	Pulley W.A. - Splined	1
6	59-5190	Nut - Pulley	1
7	59-5310	Cover - Nut	1
8	80-3590	V-Belt	1
9	56-4920	Pulley - Idler	1
10	3256-38	Washer - Flat	1
11	3296-59	Nut - Lock	1
12	80-3250	Screw - Pivot	1
13	257-10	Washer	1
14	256-206	Bushing	1
15	80-3310	Assembly - Arm (Incl. Ref. #14 & 18)	1
16	37-8880	Spring	1
17	80-3560	Rod - Threaded	1
18	55-4300	Decal	1
19	32128-20	Nut - Flange	2
20	80-3570	Hook	1
21	3256-22	Washer - Flat	1
22	321-4	Screw - Cap Hex. Hd.	3
23	3296-29	Nut - Lock	9
25	77-5520	Bracket W.A. - R.H.	1

Ref. No.	Part No.	Description	No. Used
26	3290-451	Washer - Belleville	1
28	3296-39	Nut - Lock	3
29	257-9	Washer - Thrust	1
30	3296-42	Nut - Lock	3
31	3290-357	Nut - Flange	4
32	3231-27	Bolt - Carriage	4
33	77-5560	Bracket W.A. - L.H.	1
34	77-5600	Support - Cover	1
35	32146-18	Nut	2
36	80-3550	Stop - Deflector	1
37	3231-22	Bolt - Carriage	2
38	80-3450	Bracket - Roller	1
39	80-3230	Pin - Special	1
40	80-3440	Shaft - Roller	1
41	80-3200	Shaft	1
42	3272-11	Pin - Cotter	3
43	32128-43	Nut - Lock	2
44	80-3580	Roller	1
45	77-6940	Bumper W.A.	1
46	3290-134	Screw - Cap Hex. Hd.	2
47	323-19	Screw - Cap Hex. Hd.	2
48	322-3	Screw - Cap Hex. Hd.	8
49	56-4810	Pulley - W.A. Gear Box	1
50	32121-8	Pin - Roll	1

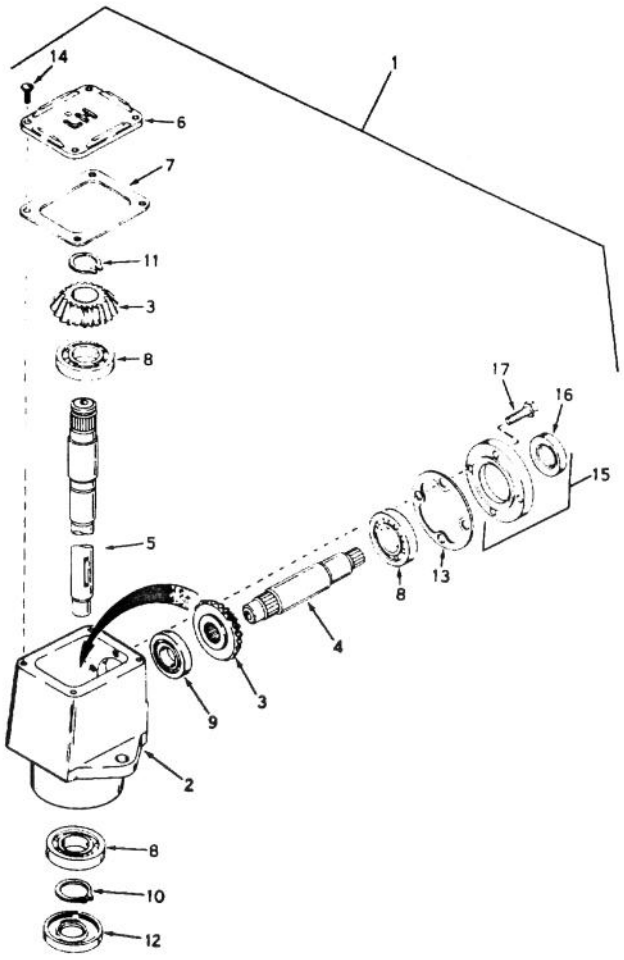


62" BLOWER KIT MODEL 30503 (Optional)(Continued)

T-116

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex. Hd.	4
2	3253-21	Washer - Lock	4
3	77-5930	Shelf W.A. - Bottom, Left	1
4	321-6	Screw - Cap Hex. Hd.	3
5	322-2	Screw - Cap Hex. Hd.	5
6	3296-29	Nut - Lock	6
7	77-5740	Deflector W.A. - Front	1
8	77-5670	Deflector W.A. - Rear	1

Ref. No.	Part No.	Description	No. Used
9	77-6710	Blade	3
10	77-5640	Shelf W.A. - Rear	1
11	77-5850	Shelf W.A. - Right	1
12	321-4	Screw - Cap Hex. Hd.	3
13	3296-42	Nut - Lock	6

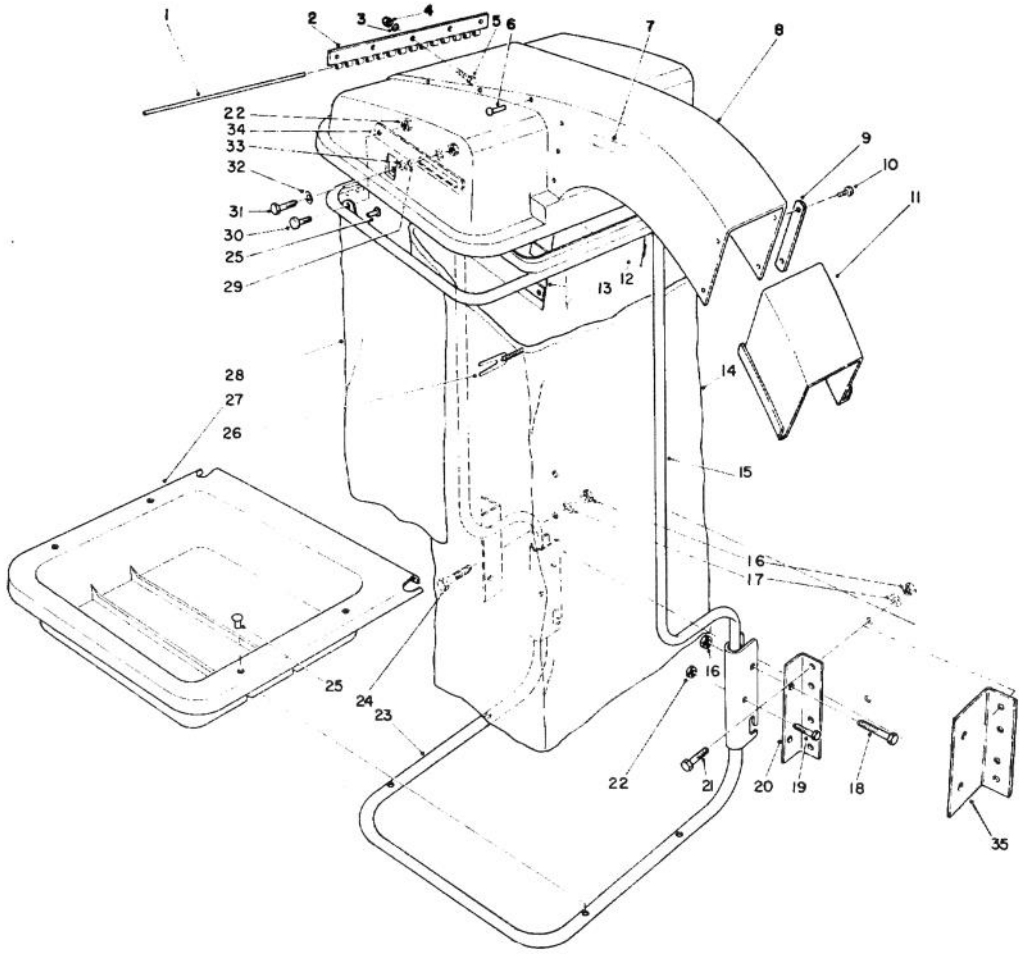


T-1168-90

GEAR BOX ASSEMBLY 53-4530

Ref. No.	Part No.	Description	No. Used
1	794402	Assembly - Head, L.H. (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

Ref. No.	Part No.	Description	No. Used
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	Assy. - Cap/Seal Retainer (Incl. Ref.#16 & 17)	1
16	788031	Seal - Oil	1
17	792026	Screw - Cap Hex. Hd.	4



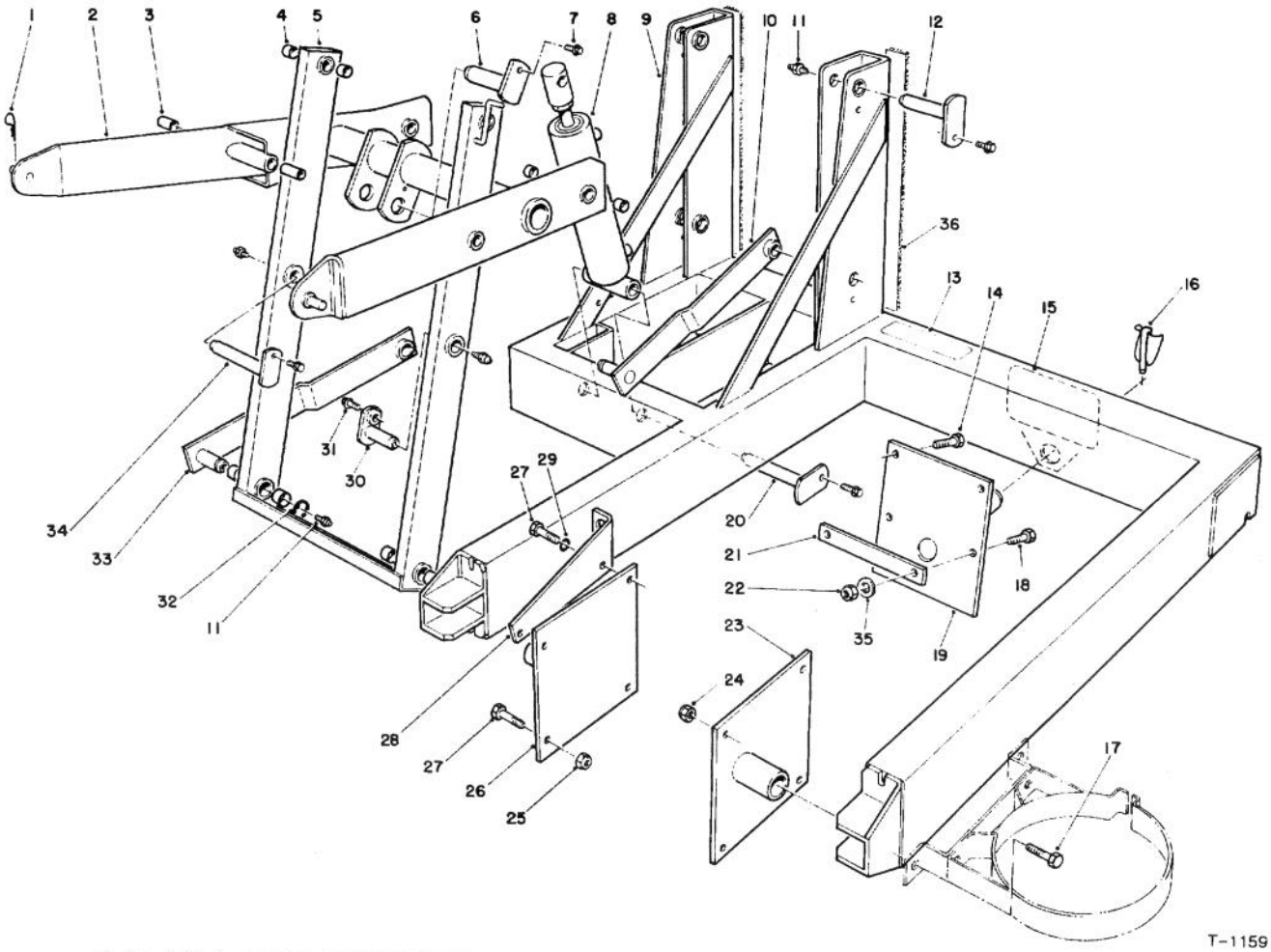
T-0603

9 CU. FT. HOPPER KIT MODEL NO. 30504 (Optional)

Ref. No.	Part No.	Description	No. Used
1	43-1000	Pin - Hinge, Hood	1
2	43-0610	Hinge - Half	1
3	3256-14	Washer - Flat	5
4	3296-2	Nut - Lock	5
5	3290-134	Screw - Mach. Hex. Hd.	5
6	3290-412	Rivet - Pop	14
7	43-1100	Decal - Caution	2
8	13-1649	Hood Assembly (Incl. Ref. #7)	1
9	67-1730	Plate - Nut	2
10	3274-31	Screw - Button Head	4
11	77-0680	Extension - Snout	1
12	43-0600	Screen - Left Hand	1
13	43-0570	Screen - Right Hand	1
14	43-0990	Bag - Cloth 32" (7 bushel capacity)	1
*	43-0980	Bag - Cloth 38" (10 bushel capacity) (Optional)	1
15	67-7500	Upper Support Tube Assy. (Incl. Ref. #25 & 28)	1
16	32152-2	Nut - Lock	12
17	3256-3	Washer - Flat	8

Ref. No.	Part No.	Description	No. Used
18	323-11	Screw - Cap Hex. Hd.	4
19	322-11	Screw - Cap Hex. Hd.	2
20	43-1010	Bracket - Frame (For use with 52" Blower)	4
21	323-7	Screw - Cap Hex. Hd.	7
22	32152-1	Nut - Lock	6
23	43-0720	Lower Support Tube Assy. (Incl. Ref. #25 & 27)	1
24	323-10	Screw - Cap Hex. Hd.	1
25	3290-409	Rivet - Pop	21
26	3-2781	Retainer - Cord	1
*†	36-7770	Retainer - Cord (Optional)	1
27		Tray - Lower	1
28		Skirt - Bagging Frame	1
29	43-1020	Spacer - Pivot Arm	2
30	322-3	Screw - Cap Hex. Hd.	2
31	322-4	Screw - Cap Hex. Hd.	2
32	3256-56	Washer - Flat	2
33	3256-57	Washer - Fender	4
34	43-1051	Stop - Hood	2
35	76-1990	Bracket - Frame (For use with 62" Blower)	4
*	44-9720	Template - Bracket	1

*Not Illustrated
†For use with 30 Gallon Plastic Bag.



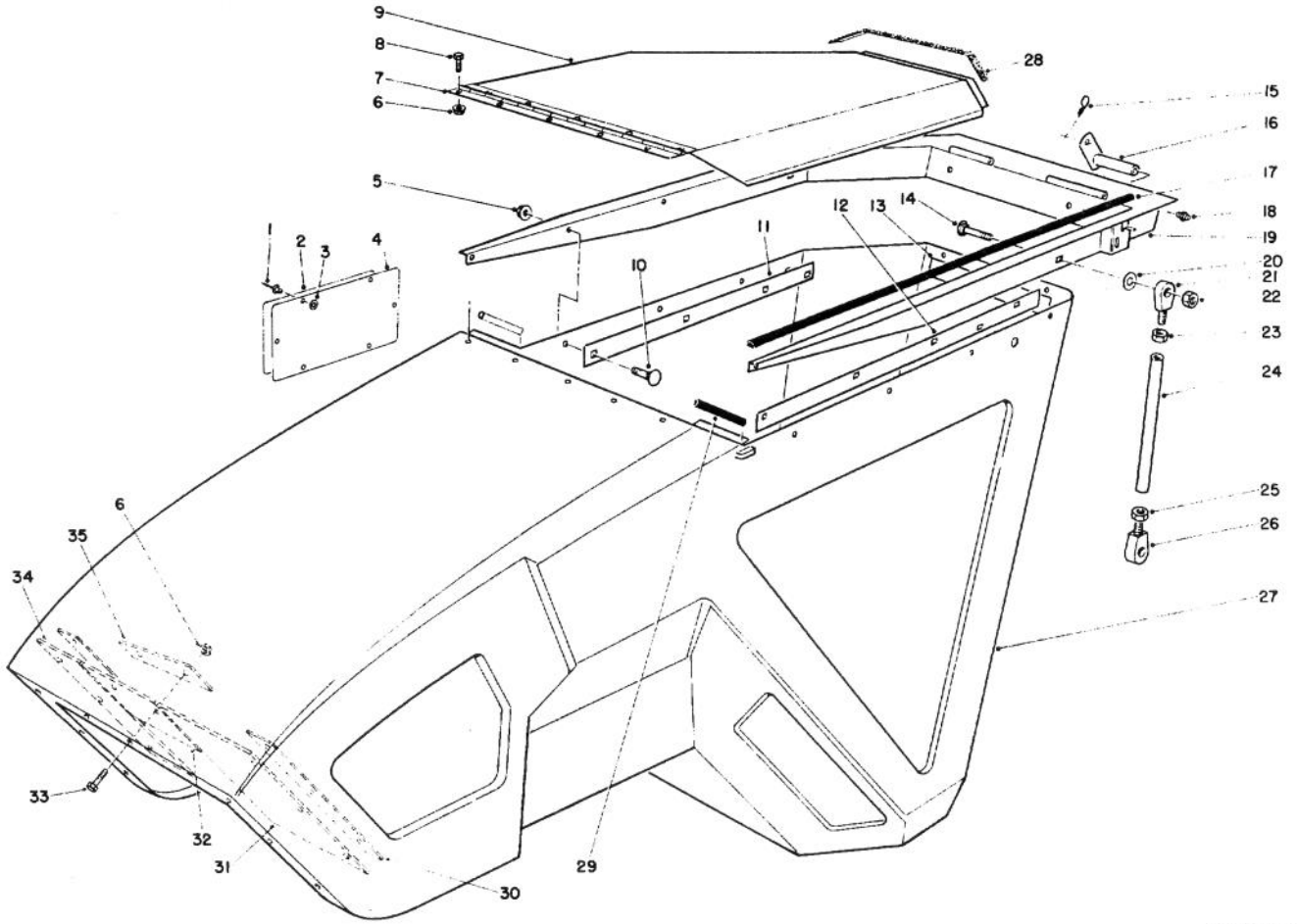
T-1159

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Cotter, Hair	2
2	77-6740	Arm W.A. - Lift, Main (Incl. Ref. #3 & 4)	1
3	256-77	Bushing	2
4	256-76	Bushing	14
5	77-6750	Arm W.A. (Incl Ref. #4)	1
6	77-6560	Pin - Mount, Cylinder	1
7	12-3270	Screw - Hex. Washer Hd.	6
8	77-5950	Cylinder - Lift	1
9	77-6000	Frame W.A. - Main (Inc. Ref. #13, 15 & 36)	1
10	77-6360	Arm W.A. - L.H., Lower (Incl. Ref. #11)	1
11	302-5	Fitting - Grease	8
12	77-6600	Pin (Incl. Ref. #11)	4
13	80-4650	Decal	1
14	325-5	Screw - Cap Hex. Hd.	2
15	62-5550	Decal - Toro	1
16	3290-384	Pin - Disconnect	1
17	322-6	Screw - Cap Hex. Hd.	4
18	325-6	Screw - Cap Hex. Hd.	2
19	77-6160	Bracket W.A. - Rear	1

Ref. No.	Part No.	Description	No. Used
20	77-6561	Pin	1
21	77-6690	Strap	2
22	3296-25	Nut - Lock	4
23	77-6240	Bracket W.A. - Side, L.H.	1
24	3296-29	Nut - Lock	4
25	32152-2	Nut	2
26	77-6210	Bracket W.A. -Side, R.H.	1
27	323-6	Screw - Cap Hex. Hd.	4
28	77-6670	Bracket - Coupler	1
29	3253-5	Washer - Lock	2
30	77-6602	Pin (Incl. Ref. #11)	1
31	49-2040	Screw - Hex. Washer Hd.	2
32	32151-48	Ring - Retaining	2
33	77-6390	Arm W.A. - Lower, R.H. (Incl. Ref. #11)	1
34	77-6601	Pin (Incl. Ref. #11)	1
35	3256-26	Washer - Flat	2
36	82-5880	Bumper	2
*	80-4660	Decal - Warning	1

*Not Illustrated



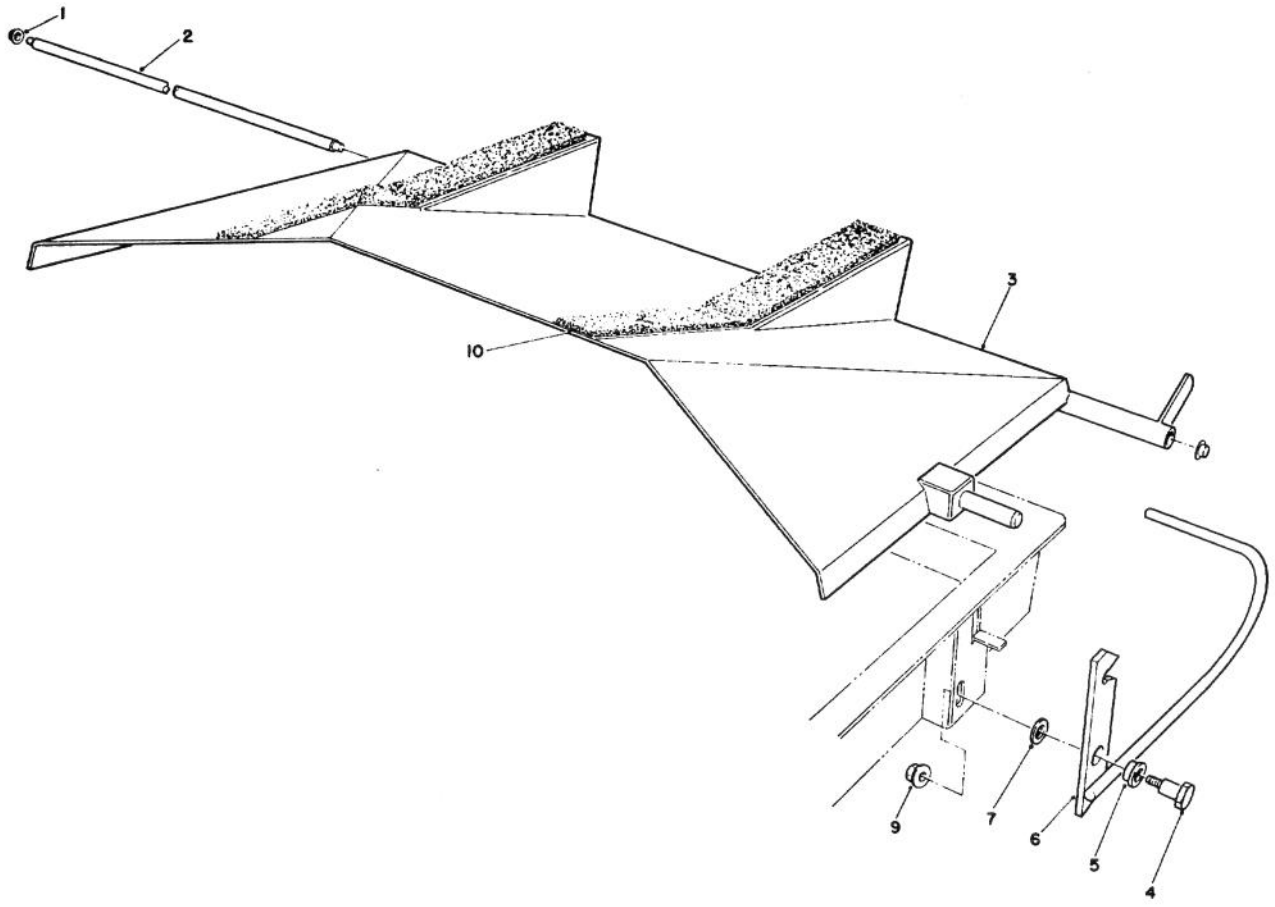
T-1160-90

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	3290-415	Rivet - Pop	6
2	80-4760	Decal	1
3	3269-10	Washer	6
4	80-4740	Plate	1
5	32128-20	Nut - Flange	9
6	32128-17	Nut - Flange	18
7	77-6770	Hinge	1
8	3290-134	Screw - Cap Hex. Hd.	10
9	77-6520	Cover - Hopper, Front	1
10	3230-2	Bolt - Carriage	9
11	77-6651	Plate - Backup	1
12	77-6650	Plate - Backup	1
13	77-6660	Plate - Backup	1
14	3233-14	Bolt - Carriage	2
15	3290-467	Pin - Hair, Cotter	2
16	77-6600	Pin (Incl. Ref. #18)	2
17	82-5861	Seal - Left	1
*	82-5860	Seal - Right	1

Ref. No.	Part No.	Description	No. Used
18	302-5	Fitting - Grease	2
19	77-6430	Arm W.A.	1
20	3256-26	Washer - Flat	2
21	2411-48	Rod End	2
22	3296-23	Nut - Lock	2
23	3220-5	Nut - Jam	2
24	77-6490	Rod	2
25	3220-12	Nut - Jam, L.H. Thd.	2
26	2411-49	Rod End - L.H. Thd.	2
27	77-6510	Hopper	1
28	82-5850	Seal - Cover, Rear	1
29	82-5851	Seal - Side	2
30	82-5840	Flat - Long	2
31	82-5820	Shield - Wide	1
32	82-5810	Shield - Top	1
33	32105-12	Screw - Cap Hex. Hd.	8
34	82-5821	Shield - Narrow	1
35	82-5830	Flat - Short	1

*Not Illustrated

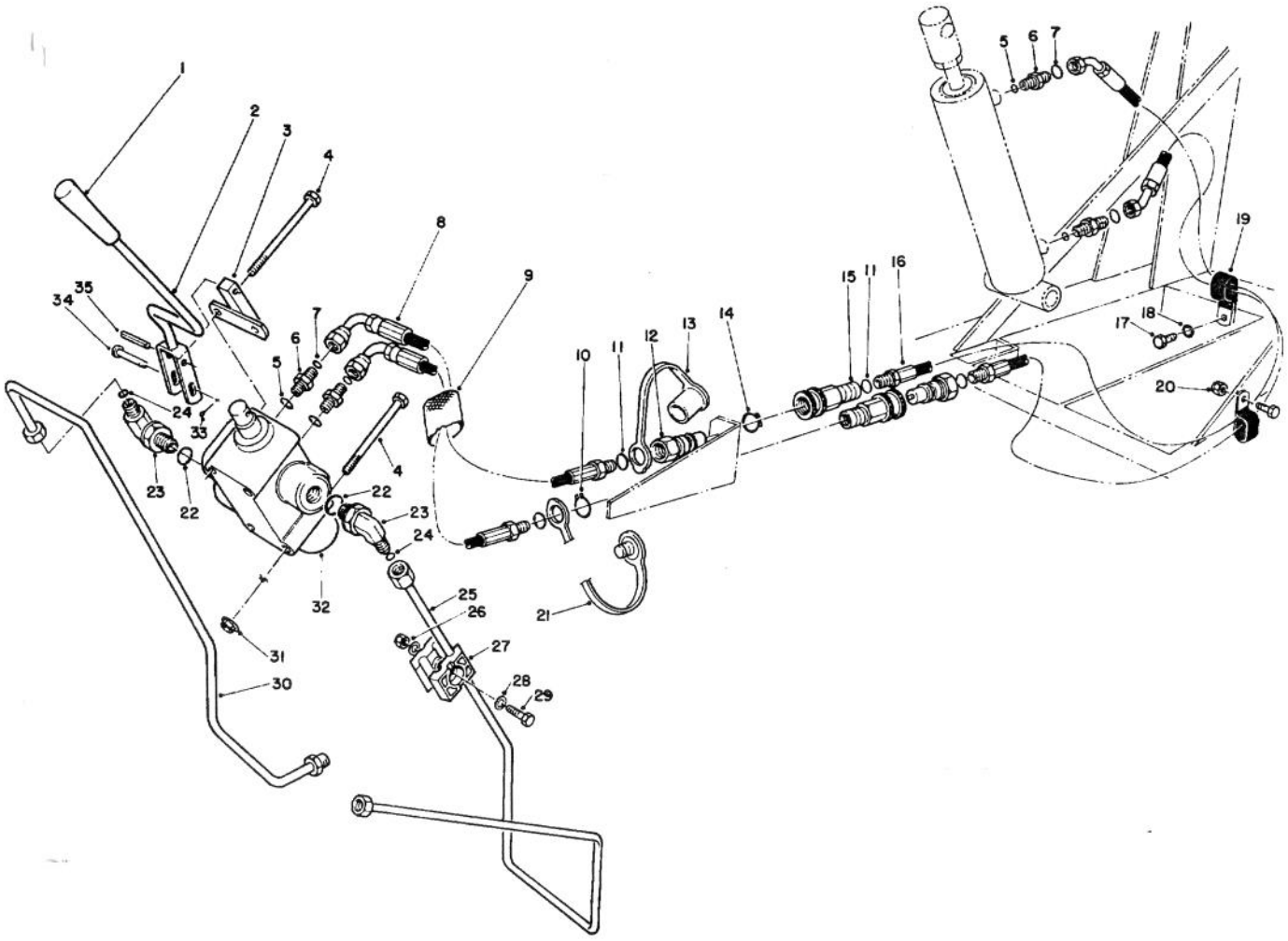


T-1169

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	32112-1	Retainer - Cap	2
2	77-6540	Pin - Hinge	1
3	77-6530	Cover - Rear	1
4	28-0504	Bolt - Shoulder	1
5	256-284	Bushing	1

Ref. No.	Part No.	Description	No. Used
6	77-6890	Latch (Incl. Ref. #5)	1
7	80-4980	Washer - Flat	1
9	32128-20	Nut - Lock	1
10	82-5870	Foam	2



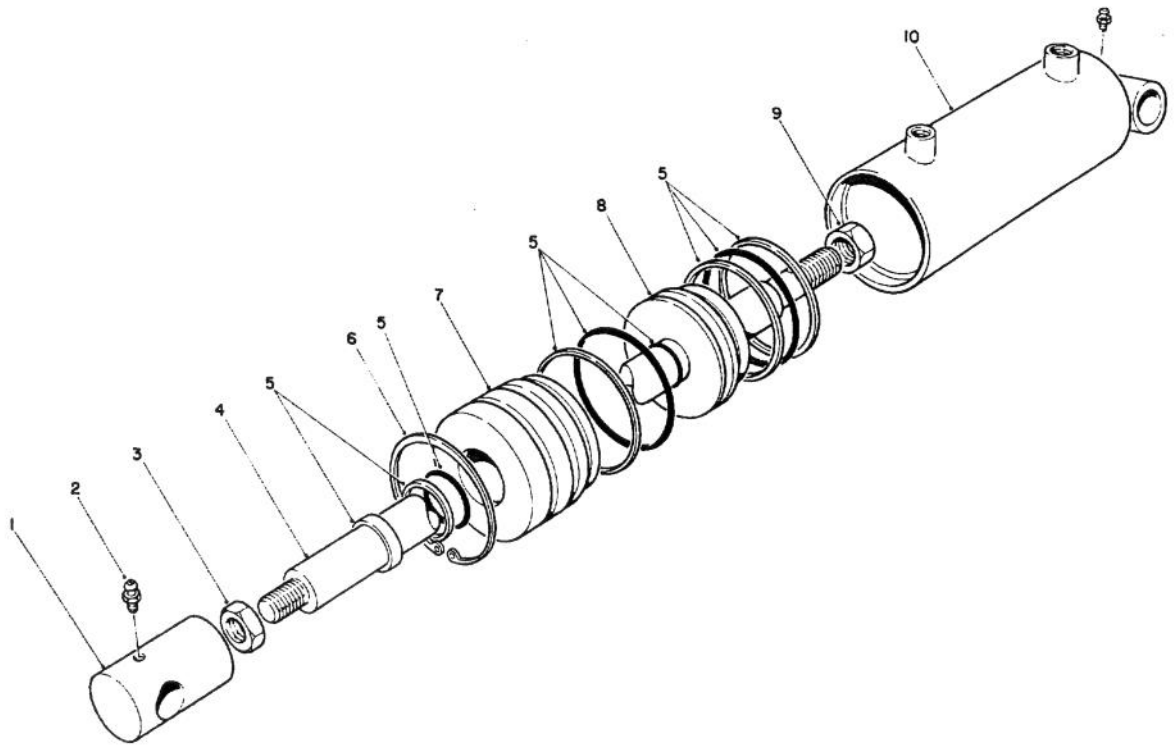
T-1162

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1	233-39	Knob - Handle	1
2	80-3490	Handle W.A.	1
3	80-3360	Lever W.A. - Pivot	1
4	321-14	Screw - Cap Hex. Hd.	3
5	237-78	O-Ring	4
6	340-92	Fitting	4
7	237-21	O-Ring	4
8	77-5960	Assembly - Hose	2
9	56-7982	Protector - Sleeve	1
10	32151-83	Ring - Retaining	1
11	237-42	O-Ring	4
12	63-1240	Nipple - Quick Disconnect	2
13	353-985	Cap - Dust	1
14	32151-79	Ring - Retaining	1
15	63-1220	Coupler - Quick Disconnect	2
16	77-5970	Assembly - Hose	2
17	322-3	Screw - Cap Hex. Hd.	2
18	3253-4	Washer - Lock	1
19	2412-105	Clamp - Tube, Double	2

Ref. No.	Part No.	Description	No. Used
20	3296-29	Nut - Lock	1
21	353-984	Plug - Dust	1
22	237-79	O-Ring	2
23	340-77	Fitting	2
24	237-22	O-Ring	2
25	77-5980	Assembly - Tube	1
26	3296-8	Nut - Lock	1
27	56-7973	Clamp	2
28	3256-22	Washer - Flat	2
29	321-8	Screw - Cap Hex. Hd.	1
30	77-5990	Assembly - Tube	1
31	32128-33	Nut - Flange Hd.	3
32	43-1950	Assembly - Valve	1
33	3272-4	Pin - Cotter	1
34	283-17	Pin - Clevis	1
35	32121-5	Pin - Roll	1
*36	80-4640	Decal - Valve Operation	1
37	80-4900	Kit - Auxiliary Valve (Incl. Ref. #1-15 & 21-36)	1

*Not Illustrated

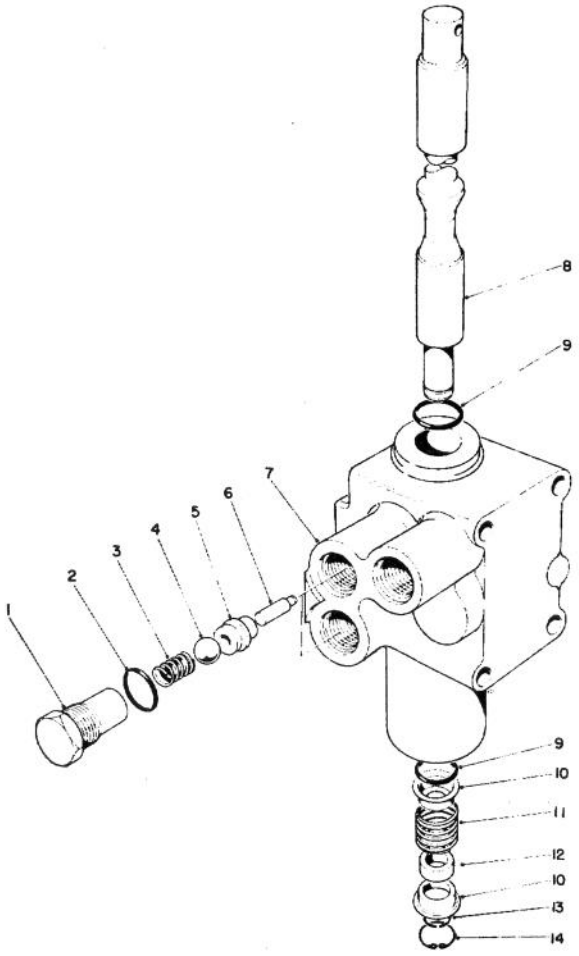


T-1161

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)
CYLINDER ASSEMBLY NO. 77-5950

Ref. No.	Part No.	Description	No. Used
1	77-6980	Clevis	1
2	302-55	Fitting - Grease	2
3	77-6990	Nut	1
4	77-6960	Shaft	1
5	67-5500	Kit - Repair	1

Ref. No.	Part No.	Description	No. Used
6	67-5470	Ring - Retaining	1
7	67-5460	Head	1
8	67-5450	Piston	1
9	60-9760	Nut - Hex.	1
10	77-6970	Barrel	1

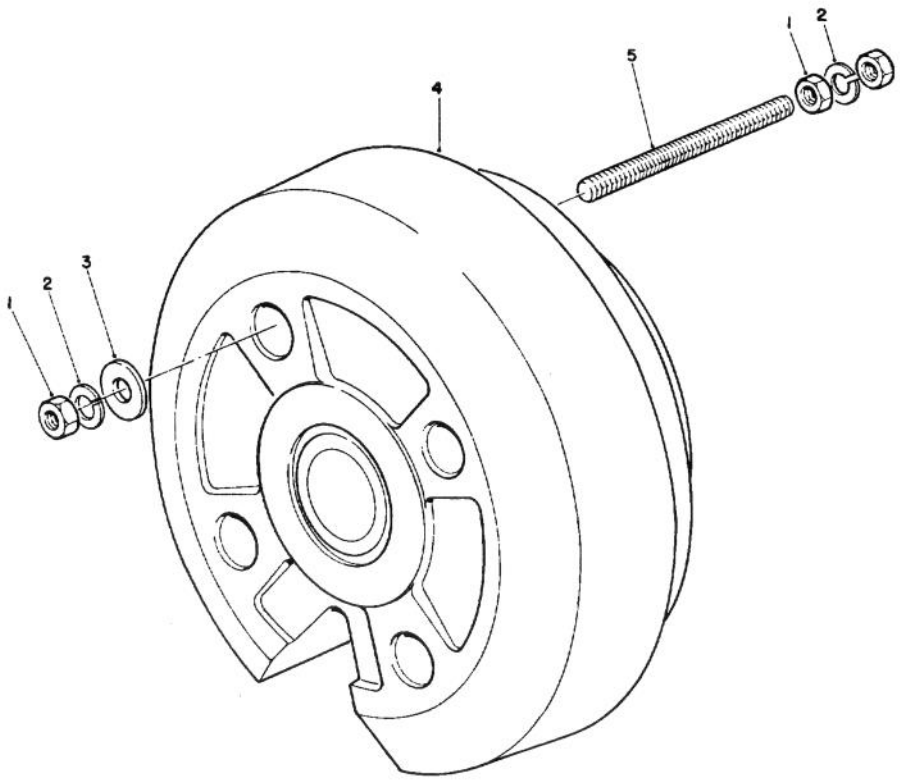


T-0236

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)
CONTROL VALVE NO. 43-1950

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	43-1730	Body	1

Ref. No.	Part No.	Description	No. Used
8	22-8420	Spool	1
9	22-8500	O-Ring	2
10	22-8380	Retainer - Spring	2
11	22-8410	Spring	1
12	23-3030	Spacer	1
13	22-8480	Ring - Retaining Spool	1
14	22-8490	Ring - Retaining	11

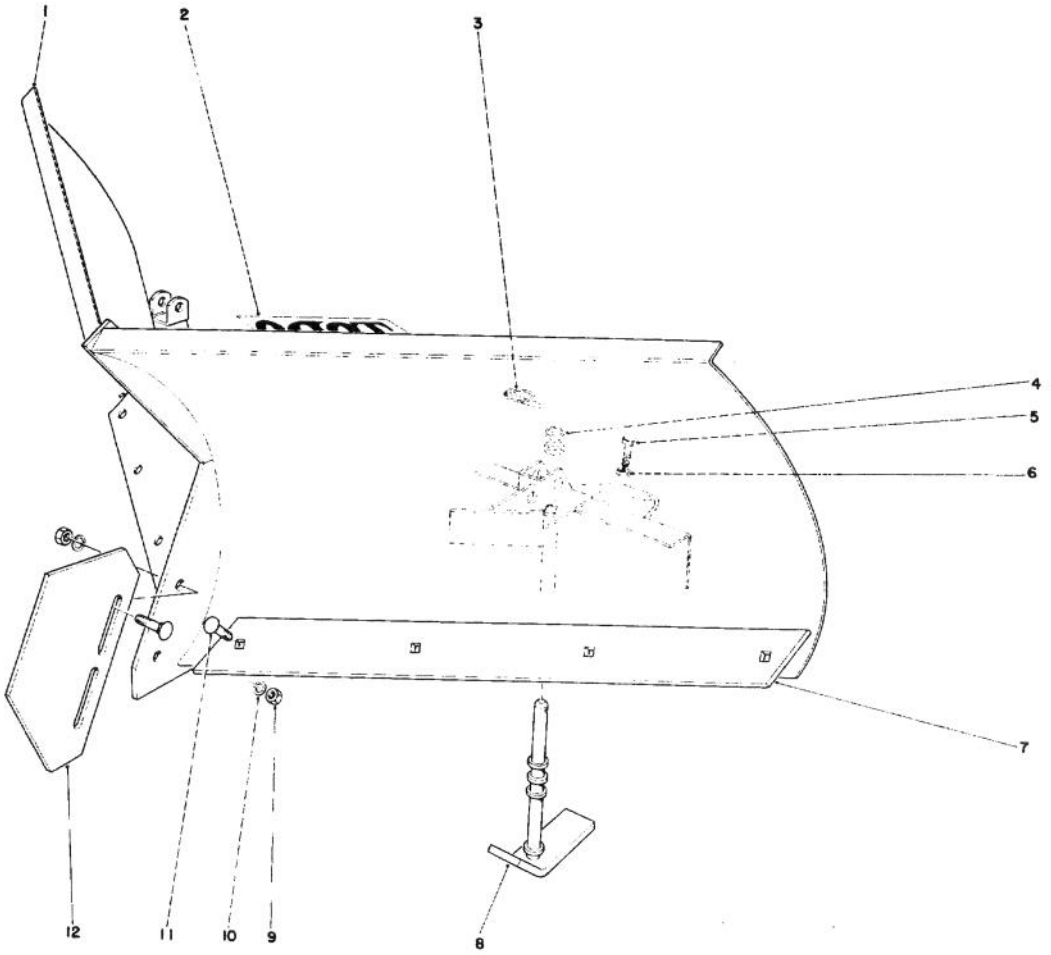


T-1163

15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

Ref. No.	Part No.	Description	No. Used
1		Nut - Hex	6
2		Washer - Lock	4
3		Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
4	77-6700	Weight - Wheel 75# (Incl. Ref. #1-3 & 5)	1
5		Rod - Threaded	2

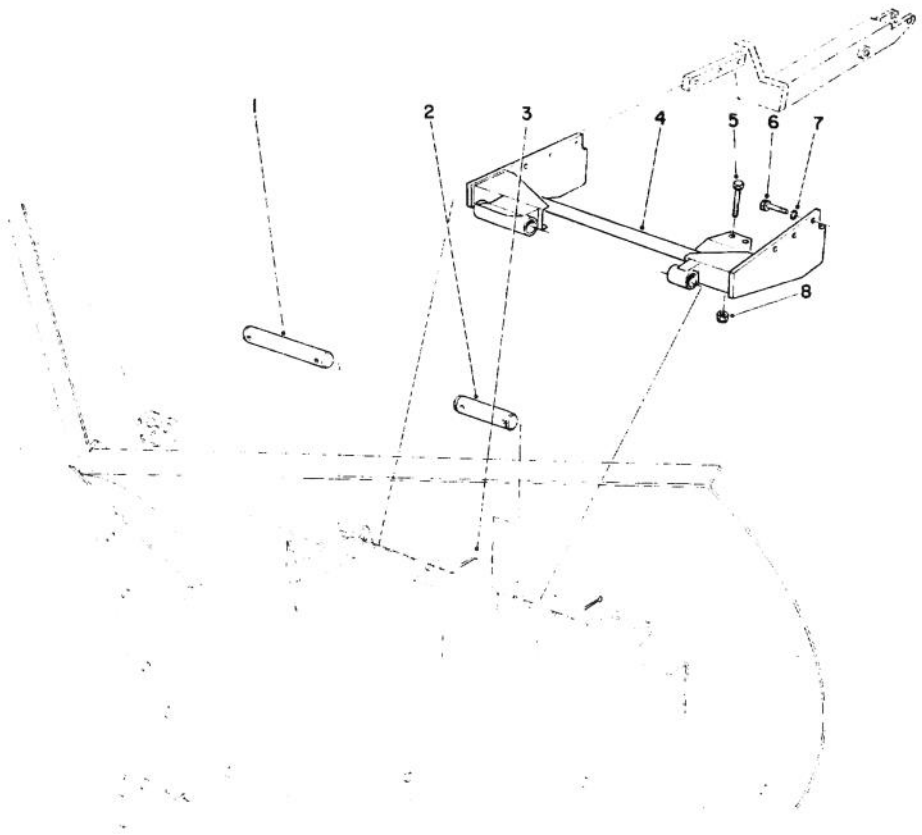


V-PLOW KIT MODEL NO. 30750 (Optional)

T-0452

Ref. No.	Part No.	Description	No. Used
1	23-9960	V-Plow	1
2	66-6140	Decal	1
3	3290-243	Pin - Lynch	2
4	20-4370	Spacer - Tubes	10
5	325-6	Screw - Cap Hex. Hd.	1
6	3218-5	Nut - Jam	1

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



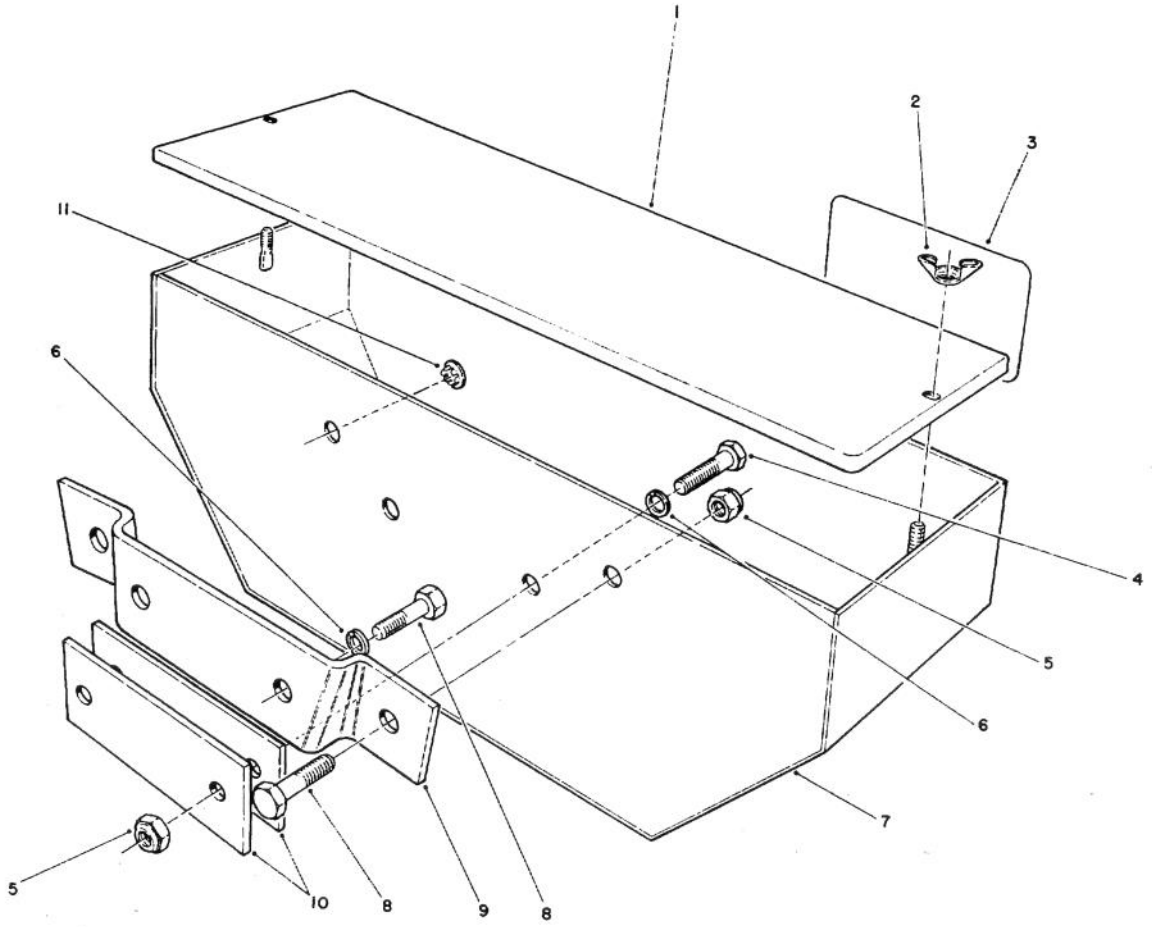
V-PLOW INSTALLATION KIT MODEL NO. 30749 (Optional)*

T-0902

Ref. No.	Part No.	Description	No. Used
1	28-5490	Pin - R.H.	1
2	25-1350	Pin - L.H.	1
3	3272-23	Pin - Cotter	4
4	72-4440	Assembly - Arm, Push	1

Ref. No.	Part No.	Description	No. Used
5	322-10	Screw - Cap Hex. Hd.	2
6	325-6	Screw - Cap Hex. Hd.	6
7	3253-7	Washer - Lock	6
8	3296-29	Nut - Lock	2

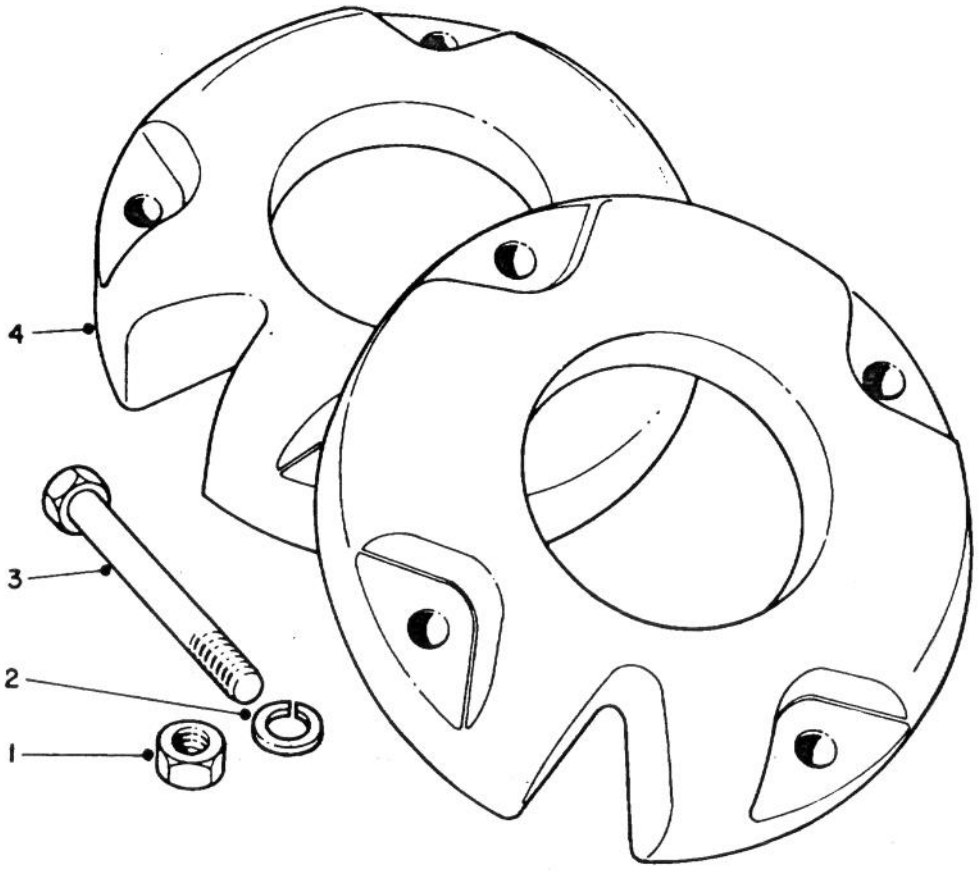
*Note: Installation requires Lift Arm Assemblies 76-3080 and 76-3090.



WEIGHT BOX KIT NO. 62-6590 (Optional)

T-0404

Ref. No.	Part No.	Description	No. Used
1	61-4130	Cover - Weight Box	1
2	32103-2	Nut - Wing	2
3	43-5110	Decal	1
4	325-7	Screw - Cap Hex. Hd. (GM-220, 220D, 224, 322D & 345)	2
5	3296-25	Nut - Lock (GM-220, 220D & 224)	4
5	3296-25	Nut - Lock (GM-117, 217D, 322D & 345)	2
6	3253-7	Washer - Lock (GM-117, 217D & 327)	2
7	61-4090	Box - Weight	1
8	325-5	Screw - Cap Hex. Hd. (GM-117, 217D, 220, 220D & 224)	4
9	61-4140	Bracket (GM-117, 217D, 220, 220D & 224)	1
10	62-6710	Plate (GM-322D, 327 & 345)	2
11	2410-67	Plug	2



T-0457

WHEEL WEIGHTS MODEL NO. 11-0440 (Optional)

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

Ref. No.	Part No.	Description	No. Used
3	325-14	Screw - Cap Hex. Hd.	8
4	7-2111	Weight - Wheel	2

PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
770026A	Housing - Right Angle Drive	80	2	1
772035	Cover	80	6	1
776249	Shaft - Output	80	5	1
776250	Shaft - Input	80	4	1
778046	Gear - Miter	80	3	2
780024	Bearing - Ball	80	9	1
780034	Bearing - Ball	80	8	3
786029	Assy. - Cap/Seal Retainer	80	15	1
788018	Ring - Snap	80	11	1
788019	Ring - Snap	80	10	1
788028	Gasket - Cover	80	7	1
788029	Seal - Oil	80	12	1
788030	Gasket - Cap	80	13	1
788031	Seal - Oil	80	16	1
792025	Screw - Rd. Hd. Self-Tap.	80	14	4
792026	Screw - Cap Hex. Hd.	80	17	4
794402	Assembly - Head, L.H.	80	1	1
3-2781	Retainer - Cord	81	26	1
3-3251	Spring	5	12	1
3-4324	Washer	32	38	1
3-6624	Spring	32	27	1
3-6657	Clip - Skid	31	33	1
3-6781	Washer - Thrust	50	27	8
3-6781	Washer - Thrust	55	27	8
3-6781	Washer - Thrust	61	7	8
3-6781	Washer - Thrust	69	7	8
3-7243	Spring - Return	5	20	2
4-2390	Washer	32	28	1
5-1077	Key - Square	48	15	1
5-1077	Key - Square	53	6	1
5-1077	Key - Square	58	5	1
5-1077	Key - Square	66	4	1
5-3637	Washer - Flat	31	38	1
5-7570	Washer	7	8	2
6-1659	Switch - Glow Plugs	3	13	1
7-0081	Washer	53	11	1
7-0081	Washer - Special	48	18	1
7-0081	Washer - Special	58	14	2
7-0081	Washer - Special	66	9	2
7-2111	Weight - Wheel	92	4	2
7-3900	Foot Pad - Brake	5	28	2
7-4150	Washer	48	25	3
7-4150	Washer	53	17	3
7-4150	Washer	58	35	3
7-4150	Washer	66	39	3
10-8110	Washer	27	10	5
12-3270	Screw - Hex. Washer Hd.	82	7	6
12-3270	Screw - Self Tapping	57	8	2
12-3270	Screw - Self Tapping	64	8	4
12-3270	Screw - Self Tapping	71	8	4
12-5450	Screw - Thread Forming	14	15	8
13-0269	Housing - Blower	75	31	
13-0269	Housing - Blower	77	22	1
13-1649	Hood Assembly	81	8	1
13-3869	Assembly - Caster Wheel	61	*	2
13-3869	Assembly - Castor Wheel	50	*	2
13-3869	Assembly - Castor Wheel	55	*	2
13-3869	Assembly - Castor Wheel	69	*	1
13-3949	Deflector - Grass	48	48	1
14-0909	Deflector Assembly	60	1	1
14-0909	Deflector Assembly	68	1	1
19-1470	Bolt - Shoulder	76	13	4
20-4370	Spacer - Tubes	89	4	10
21-0141	Joint - Ball R.H.	27	34	2
21-0151	Joint - Ball L.H.	27	30	2
21-7670	Differential Case	14	6	1
21-7690	Gear - Pinion	14	10	2
21-7700	Shaft - Pinion Mate	14	7	1
21-7710	Pin - Roll	15	34	1
21-7720	Washer - Thrust	14	8	2
21-7730	Washer - Thrust	14	11	2
21-7770	Screw - Drive Gear	14	5	5
21-7830	Cover - Gear	14	16	1

Part No.	Description	Pg. No.	Ref. No.	Qty.
21-7850	Cap Plug	14	27	1
21-8020	Spacer - Frt. Pinion Bearing	15	29	1
21-8090	Differential Adjust. Shim.	15	35	A/R
21-8100	Differential Adjust. Shim.	15	36	A/R
21-8110	Differential Adjust. Shim.	15	37	A/R
21-8120	Differential Adjust. Shim.	15	38	A/R
21-8150	Gear - Spur	14	17	1
21-8180	Bearing - Tapered Roller	16	3	2
21-8270	Pin - Dowel	14	4	2
21-8320	Gasket - Wheel Bearing	16	20	2
21-8330	Oil Seal	16	2	2
21-8360	Clip - Retaining	16	10	2
21-9260	Cover - Dust	5	39	1
21-9370	Adjusting Screw	16	7	2
21-9380	Nut - Pivot	16	8	2
21-9390	Socket - Adjusting Screw	16	6	2
21-9420	Spring - Shoe Return L.H.	16	17	2
21 -9430	Spring - Shoe Return R.H.	16	18	2
21-9440	Screw - Spring Adjusting	16	14	2
21-9450	Dust Shield	16	4	2
21-9460	Retainer - Parking Brake	16	15	4
22-8340	Spring	87	3	2
22-8350	Ball	87	4	2
22-8360	Pin - Cam	87	6	2
22-8370	Seat - Check Valve	87	5	2
22-8380	Retainer - Spring	87	10	2
22-8410	Spring	87	11	1
22-8420	Spool	87	8	1
22-8480	Ring - Retaining Spool	87	13	1
22-8490	Ring - Retaining	87	14	11
22-8500	O-Ring	87	9	2
23-1120	Washer - Flat	76	17	2
23-2270	Bushing - Rubber	17	3	1
23-2300	Oil Filter	17	27	1
23-3030	Spacer	87	12	1
23-4810	Gear - Spur	17	36	1
23-7270	Nut - Lug	13	20	10
23-9960	V-Plow	89	1	1
24-5530	Skid - Nose	89	12	1
24-5540	Skid	89	8	2
24-5570	Blade - Scraper	89	7	2
24-5790	Weight - Rear	65	3	1
24-5790	Weight - Rear	72	3	2
24-8790	Gear - Bevel, Differential	14	9	2
24-8840	Ring - Wheel Bearing	16	22	2
24-9180	Strut/Lever - Parking Brake	16	19	2
25-1350	Pin - L.H.	90	2	1
25-2380	Plate - Thrust	18	15	2
25-2430	Pin	18	46	2
25-2460	Hex Hd. Plug	18	23	2
25-2470	Shim Pack	18	25	A/R
25-2480	Relief Valve Spring Charge	18	44	1
25-2500	Shaft - Trunion	18	2	1
25-2510	Washer	18	3	2
25-2660	Union - Filter	18	38	1
25-3210	Lip Seal	18	7	2
25-3300	Bearing - Needle	18	18	2
27-121 0	Bearing - Roller	74	3	1
27-0870	Assembly - Spindle	48	*	3
27-0870	Assembly - Spindle	53	*	3
27-0920	Spindle - Shaft	48	34	3
27-0920	Spindle - Shaft	59	53	3
27-0920	Spindle - Shaft	67	58	3
27-0920	Spindle Shaft	53	27	3
27-0950	Spacer	58	52	3
27-0950	Spacer - Spindle Bearing	48	39	3
27-0950	Spacer - Spindle Bearing	53	32	3
27-0950	Spacer - Spindle Bearing	67	59	3
27-0970	Pulley	48	26	3
27-0970	Pulley	53	18	3
27-0990	Blade	48	35	3
27-0990	Blade	53	28	3
27-1160	V-Belt	48	22	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
27-1160	V-Belt	53	14	1
27-1170	Washer - Thrust	74	1	2
27-1180	Retainer - Bearing	74	2	2
27-1190	Wheel - Caster	74	5	1
27-1200	Bushing - Spanner	74	6	1
27-2360	Switch - Ignition	3	7	1
27-3680	Spacer - Mounting	17	5	4
27-3690	Gasket - Transmission	17	38	1
27-4240	Pin - Cylinder	10	30	2
27-4310	Pin - Pivot	13	25	2
27-4370	Hub - Pump	17	10	1
27-4570	Handle - Adjustment	23	10	2
27-5240	Bolt - Shoulder	23	6	2
27-6140	Bushing - Taper Lock	49	19	1
27-6140	Bushing - Taper Lock	54	19	1
27-6140	Bushing - Taper Lock	59	62	1
27-6140	Bushing - Taper Lock	67	64	1
27-6590	Spacer	17	22	2
27-6600	Spacer - Rubber	17	15	6
27-6851	Shaft - Axle, Flanged R.H.	16	*	1
27-6861	Shaft - Axle, Flanged L.H.	16	1	1
27-7100	Assembly - Air Cleaner	21	25	1
27-7110	Assembly - Element	21	33	1
27-7120	Assembly - Nut & Gasket	21	34	1
27-7130	Assembly - Clamp	21	36	1
27-7140	Skirt - Baffle	21	35	1
27-7150	Assembly - Cup	21	37	1
27-7160	Decal - Instructions	21	24	1
27-7170	Assembly - Mounting Band	21	31	2
27-7180	Assembly - Cap	21	20	1
27-7310	Decal (Over Fill caution)	1	16	1
27-7680	Ring - Deck Support	48	30	3
27-7680	Ring - Deck Support	53	22	2
27-8580	Assembly - Idler Socket &	66	10	
27-8580	Idler Socket	48	16	1
27-8580	Idler Socket	53	7	1
27-8580	Idler Socket/Bushing Assy.	58	10	1
27-9620	Screw - Cap Hex. Hd.	17	29	1
28-0504	Bolt - Shoulder	84	4	1
28-0660	Screw - Cap Hex. Hd.	16	21	8
28-0670	Oil Seal	16	13	2
28-0680	Brake Drum	16	11	2
28-1280	Boot - Positive Cable	9	63	1
28-3300	Bearing - Roller	18	4	1
28-3310	Bearing - Needle	18	5	2
28-3340	Gasket	18	49	1
28-3350	Pin	18	48	2
28-3380	Plate - Motor Valve	18	45	1
28-3400	O-Ring	18	24	2
28-3420	Relief Valve Cone Charge	18	27	2
28-3440	Threaded Plug	18	42	2
28-3450	Washer - Flat	18	36	2
28-3470	Lip Seal	18	34	1
28-3480	Bearing - Needle	18	33	1
28-3520	O-Ring	18	31	1
28-3530	Screw - Cap Hex. Hd.	18	30	2
28-3570	O-Ring	18	21	2
28-3580	Ring - Backup	18	20	2
28-3590	O-Ring	18	19	2
28-3640	Shaft - Pump	18	12	1
28-3650	Bearing - Ball	18	10	1
28-3660	Lip Seal	18	9	1
28-3670	Shaft - Trunion	18	8	1
28-5130	Pad - Traction Pedal	7	2	1
28-5220	Wheel - Friction	7	6	1
28-5490	Pin - R.H.	90	1	1
28-8070	Lanyard	22	66	1
28-9060	Plate - Idler	48	14	1
28-9060	Plate - Idler	53	5	1
28-9290	Bushing - Special	50	28	4
28-9290	Bushing - Special	55	28	4
28-9290	Bushing - Special	61	11	4
28-9290	Bushing - Special	69	10	4
29-4730	Washer - PTO	8	16	1
29-4820	Roller	48	43	2
29-4820	Roller	53	37	2
29-4820	Roller	58	38	4
29-4820	Roller	66	42	6
29-5590	Pivot Bracket - Deflector	48	7	2
29-5630	Pin - Pedal Pivot	7	4	1
29-6150	Spring - Leaf	20	22	1
29-6162	Micro Switch	20	7	1
29-6170	Spring - Extended Leaf	20	5	1
29-9790	Pump - Lever	20	2	1
36-1740	Roller - Deck	48	19	2
36-1740	Roller - Deck	58	30	2
36-1740	Roller - Deck	66	28	2
36-7290	Shaft & Bearing	31	5	1
36-7770	Retainer - Cord (Optional)	81	*	1
36-8020	Washer	23	11	2
37-2690	Capacitor	22	53	1
37-6730	Cup - Bearing	75	32	1
37-6730	Cup - Bearing	77	24	1
37-8880	Spring	78	16	1
37-9590	Spring - Compression	21	44	1
38-2670	Kit - Charge Pump	18	37	1
38-2680	Pin	18	32	1
38-7820	Bearing - Ball	75	33	1
38-7820	Bearing - Ball	77	25	1
40-0330	Cushion - Rubber	50	11	2
40-0330	Cushion - Rubber	55	11	2
40-0330	Cushion - Rubber	61	5	2
40-0330	Cushion - Rubber	69	5	2
40-0340	Shaft - Rear Roller	48	21	2
40-0340	Shaft - Rear Roller	58	29	2
40-0340	Shaft - Rear Roller	66	27	2
40-6230	Spring - Torsion	48	1	2
40-6400	Shaft - Long	59	64	1
40-6400	Shaft - Roller	48	41	1
40-6400	Shaft - Roller	53	35	1
40-6400	Shaft - Roller	67	66	1
40-9520	Spacer - Split	50	10	4
40-9520	Spacer - Split	55	10	4
40-9520	Spacer - Split	61	4	4
40-9520	Spacer - Split	69	4	4
42-6200	Cushion - Shim	50	31	A/R
42-6200	Shim - Cushion	55	31	3
42-6200	Shim - Cushion	61	32	3
42-6200	Shim - Cushion	69	31	A/R
42-6310	Screen - Mulcher	52	4	1
42-6340	Shelf - Bottom, Rear	52	3	1
42-7080	Cap	37	2	2
42-7190	Bushing - Knock	41	33	2
42-7210	Plug-Taper	36	19	1
42-7290	Gasket - Drain	36	16	2
42-7510	Pipe	38	4	1
42-7510	Pipe	38	9	1
42-7840	Key	37	20	1
42-7860	Lock	34	33	12
42-7870	Seal	34	30	6
42-8240	Gasket	43	6	3
42-8690	Metal - Sealing	45	37	1
42-8700	Wire	45	38	1
42-8830	Seal - O-Ring	45	6	1
42-8830	Seal - O-Ring	45	10	1
42-9110	Gasket	38	21	1
42-9260	Plug - Drain	36	15	1
42-9420	Bolt - Speed Set	45	33	4
42-9430	Bolt W/Washer	38	7	1
42-9430	Bolt W/Washer	45	12	2
42-9440	Bolt W/Washer	34	25	4
42-9440	Bolt W/Washer	36	8	11
42-9440	Bolt W/Washer	47	24	1
42-9490	Bolt W/Washer	36	18	18
42-9490	Bolt W/Washer	37	11	2
42-9490	Bolt W/Washer	40	10	4

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42-9510	Bolt	35	42	1
42-9570	Stud	38	20	4
42-9590	Nut	34	17	6
42-9640	Nut - Jam	45	9	2
42-9650	Nut - Jam	41	30	1
42-9660	Washer	35	39	3
42-9660	Washer	47	4	1
42-9850	Washer - Lock	17	19	2
42-9850	Washer - Lock	31	41	2
42-9850	Washer - Lock	32	4	4
43-0370	Shim	47	5	1
43-0510	Spring - Brush	47	14	2
43-0570	Screen - Right Hand	81	13	1
43-0600	Screen - Left Hand	81	12	1
43-0610	Hinge - Half	81	2	1
43-0720	Lower Support Tube Assy.	81	23	1
43-0940	Spacer - Blower Hub	75	35	1
43-0940	Spacer - Hub, Blower	77	27	1
43-0960	Bracket - Chute	75	38	1
43-0960	Bracket - Chute	77	30	2
43-0980	Bag - Cloth 38"	81	*	1
43-0990	Bag - Cloth 32"	81	14	1
43-1000	Pin - Hinge, Hood	81	1	1
43-1010	Bracket - Frame	81	20	4
43-1020	Spacer - Pivot Arm	81	29	2
43-1051	Stop - Hood	81	34	2
43-1060	Deflector - Rear	76	2	1
43-1100	Decal - Caution	81	7	2
43-1120	Decal - Warning	76	35	1
43-1730	Body	87	7	1
43-1920	Nut Set	47	17	1
43-1950	Assembly - Valve	85	32	1
43-2550	Filter	41	18	1
43-2560	Gasket - Side Cover	41	19	1
43-2570	Gasket-Coil Side	41	17	1
43-2580	Magnet	41	20	1
43-2710	Seal - O-Ring	38	36	2
43-2740	Gasket	32	24	1
43-2750	Nut - Jam	32	46	1
43-2820	Cap - Sealing	35	47	1
43-2820	Cap - Sealing Torque Set	45	32	1
43-3160	Screw - Adjusting	35	44	1
43-4031	Cable - Battery Positive	9	62	1
43-4031	Wire - Positive	4	1	1
43-5110	Decal	91	3	1
43-5320	Pulley - PTO	8	17	1
43-5920	Washer - Lock	31	39	1
43-5960	Nut - Special	35	46	1
43-5970	Nut - Hex.	31	40	1
43-6510	Assembly - Gear & Pinion	15		1
43-6550	Ring - Retaining	14	26	1
43-6710	Shim Adjusting Differential	14	18	A/R
43-6711	Shim Adjusting Differential	14	19	A/R
43-6712	Shim Adjusting Differential	14	20	A/R
43-6713	Shim Adjusting Differential	14	21	A/R
43-6750	Cup - Tapered, Bearing	15	31	1
43-6760	Cone - Bearing, Tapered	14	13	1
43-6800	Nut - Lock, Flange Hd.	16	12	8
43-6810	Torque Spider	16	5	2
43-8480	Decal - Danger	48	4	2
43-8480	Decal - Danger	53	1	1
43-8480	Decal - Danger	54	25	1
43-8480	Decal - Danger	58	46	1
43-8480	Decal - Danger	60	3	1
43-8480	Decal - Danger	66	49	1
43-8480	Decal - Danger	68	3	1
43-8480	Decal - Danger	75	39	2
43-8480	Decal - Danger	77	23	1
43-8600	Spring - Compression	22	54	1
43-8610	Guide - Spring & Ball Seat	22	59	1
43-8620	Guide - Switch Pin	22	63	1
43-8860	Plunger - Switch	22	60	1
43-8870	Boot - Switch	22	65	1
43-9071	Switch - Seat	22	*	1
44-2200	Screw - Blade	53	31	3
44-2200	Screw - Blade Bolt	48	38	3
44-2200	Screw - Cap, Blade	59	56	3
44-2200	Screw - Cap, Blade	67	55	3
44-2230	Coupling - Rubber	17	16	2
44-5300	Assembly - Chute	75	1	1
44-5460	Plate - Bracket	75	24	2
44-5480	Blade - High Sail (18")	76	*	1
44-5480	Blade - High Sail (Optional)	48	*	3
44-6250	Blade	59	58	3
44-6260	V-Belt	58	27	1
44-6290	Cover - Deck L.H.	60	8	1
44-6300	Idler Plate	66	5	1
44-6300	Plate - Idler	58	6	1
44-6340	Pulley - Hub Spindle	58	36	3
44-6370	Assembly - Spindle	59	*	3
44-6390	Spacer	58	31	1
44-6390	Spacer	66	29	1
44-7770	Shelf - Rear	76	41	1
44-7780	Shelf - R.H.	76	44	1
44-8320	Spring	33	10	3
44-8530	Sock - Hose	5	*	1
44-9720	Template - Bracket	81	*	1
46-2210	Shim Front Pinion Bearing	14	28	A/R
46-2211	Shim Front Pinion Bearing	14	*	A/R
46-2212	Shim Front Pinion Bearing	14	*	A/R
46-2213	Shim Front Pinion Bearing	14	*	A/R
46-2214	Shim Front Pinion Bearing	14	*	A/R
46-2215	Shim Front Pinion Bearing	14	*	A/R
46-2216	Shim Front Pinion Bearing	14	*	A/R
46-2220	Shim Front Pinion Bearing	14	*	A/R
46-2221	Shim Front Pinion Bearing	14	*	A/R
46-2222	Shim Front Pinion Bearing	14	*	A/R
46-2223	Shim Front Pinion Bearing	14	*	A/R
46-2224	Shim Front Pinion Bearing	14	*	A/R
46-2225	Shim Front Pinion Bearing	15	*	A/R
46-2226	Shim Front Pinion Bearing	15	*	A/R
46-2410	Shim Front Pinion Bearing	15	*	A/R
46-2411	Shim Front Pinion Bearing	15		A/R
46-2412	Shim Front Pinion Bearing	15	*	A/R
46-2413	Shim Front Pinion Bearing	15	*	A/R
46-2414	Shim Front Pinion Bearing	15	*	A/R
46-2415	Shim Front Pinion Bearing	15	*	A/R
46-2416	Shim Front Pinion Bearing	15	*	A/R
46-2420	Shim Front Pinion Bearing	15	*	A/R
46-2421	Shim Front Pinion Bearing	15		A/R
46-2422	Shim Front Pinion Bearing	15	*	A/R
46-2423	Shim Front Pinion Bearing	15	*	A/R
46-2424	Shim Front Pinion Bearing	15	*	A/R
46-2425	Shim Front Pinion Bearing	15	*	
46-2426	Shim Front Pinion Bearing	15	*	A/R
46-3010	Screen - Mulcher	63	1	1
46-3150	Shelf - Bottom, Rear	63	5	1
46-3380	Bolt - Shoulder	57	10	2
46-3380	Bolt - Shoulder	64	10	4
46-3380	Bolt - Shoulder	71	10	4
46-6560	Bushing	13	41	2
46-6810	Screw - Cap Hex. Hd.	1	26	14
46-7280	Plug - Pipe	18	40	1
46-7310	Relief Valve Spring Imp.	18	26	1
46-7320	Plate - Pump Valve	18	17	1
46-8091	Screw - Cap Hex. Hd.	2	43	2
46-8530	Assembly - Bearing	48	28	3
46-8530	Assembly - Bearing	53	20	3
46-8530	Assembly - Bearing	58	37	3
46-8530	Assembly - Bearing	66	41	3
46-8810	Stop - Leaf Spring	20	9	1
46-9110	Spring - Seat	23	13	2
46-9120	Mount - Seat	23	14	2
48-1800	Kit - Cylinder Block	18	16	2
48-7680	Screw - Hex.	31	43	1
48-7930	Nut - Hex.	32	5	4

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
48-9590	Washer - Lock	31	15	8
48-9590	Washer - Lock	32	12	10
49-2040	Screw - Hex. Washer Hd.	82	31	2
49-7820	Variable Swashplate	18	13	1
49-7830	Assembly - Check Valve	18	22	2
49-7850	Center Section	18	39	1
49-7870	Housing	18	6	1
49-7910	Transmission	17	6	1
49-8200	Shaft - Motor	18	47	1
51-1530	Bracket - Hinge	60	12	2
51-1530	Bracket - Hinge	68	12	2
51-1550	Spring	60	2	2
51-1550	Spring	68	2	2
51-3150	Shim	20	24	1
51-3960	Decal - 52	49	4	1
51-3960	Decal - 52	54	4	1
52-1320	Decal - Diesel Fuel Only	21	16	1
52-2340	Spacer	17	30	1
52-2340	Spacer	31	31	1
52-8890	Bracket - Mounting	20	16	2
52-9070	Plate - Pump	20	17	1
53-4430	Decal - Oil	1	34	1
53-4530	Assembly - Gear Box	75	14	1
53-4530	Gear Box Assembly	77	10	1
53-8130	Gasket - Exhaust	32	2	1
53-8150	Pump - Fuel	21	40	1
53-8150	Pump Assembly	41	21	1
53-8150	Pump Assembly	44	*	1
54-7950	Drive Shaft Assembly	9	*	1
54-8660	Washer	47	25	1
54-9040	Yoke - End	8	32	1
54-9050	Shaft - Slip Yoke	8	31	1
54-9090	Yoke - End	8	28	1
54-9170	Tube - Slip Yoke	8	29	1
54-9180	Kit - Universal Joint	8	35	2
55-4300	Decal	78	18	1
55-4300	Decal - Caution	57	17	2
55-4300	Decal - Caution	64	17	4
55-4300	Decal - Caution	71	17	4
56-0020	Plug	37	24	3
56-0020	Plug - Expansion	38	18	1
56-0020	Plug-Expansion	41	12	3
56-0100	Plug - Taper	41	37	1
56-0220	Pin - Dowel	41	35	2
56-0480	Key - Woodruff	34	18	2
56-0480	Key - Woodruff	37	8	1
56-1060	Snap Ring	37	15	1
56-1230	Shaft - Oil Filter	41	28	1
56-1570	Bolt Set	46	8	1
56-1580	Armature Set	46	23	1
56-1590	Bearing - Front	46	22	1
56-1600	Bearing - Rear	46	21	1
56-1610	Bolt	46	16	1
56-1640	Stopper Set	46	13	1
56-1670	Gear	46	10	1
56-1680	Cover Set	46	9	1
56-1700	Holder - Brush	46	18	1
56-1710	Spring - Brush	46	19	4
56-1720	Bracket - Rear	46	17	1
56-2460	Washer - Flat	27	48	A/R
56-4780	Impeller	75	5	1
56-4780	Impeller	77	2	1
56-4810	Pulley - Gear Box	76	32	1
56-4810	Pulley - W.A. Gear Box	78	49	1
56-4900	Lever - Idler	76	16	1
56-4920	Pulley - Idler	76	36	1
56-4920	Pulley - Idler	78	9	1
56-7973	Clamp	85	27	2
56-7982	Protector - Sleeve	85	9	1
57-0030	Screen - W.A.	70	5	1
57-0140	Shelf - W.A.	70	4	1
57-0210	Cover - Center	68	6	1
57-0220	Cover - L.H.	68	8	1
57-0230	Cover - R.H.	68	5	1
57-0240	V-Belt	66	36	1
57-0250	Blade	67	57	3
57-0260	Assy. - Spindle Housing	67	*	3
57-0280	Decal - 72	67	65	1
57-0300	Housing	66	1	1
57-0560	Pulley	66	40	3
57-0570	Skid	66	51	1
57-0570	Skid - L.H.	58	48	
57-0580	Bracket - Roller Left Rear	66	43	1
57-0580	Bracket - Roller, Left Rear	58	42	1
57-0590	Bracket - Roller Right Rear	66	*	1
57-0680	Shaft - Roller	66	44	4
57-0680	Shaft - Short	58	41	2
57-0690	Pin - Cotter, Special	48	42	1
57-0690	Pin - Cotter, Special	53	38	1
57-0690	Pin - Cotter, Special	58	40	3
57-0690	Pin - Cotter, Special	66	45	5
57-4230	Spacer	65	4	2
57-4230	Spacer	72	4	2
57-6390	Nut - Hex.	31	42	2
58-6320	Wiper - Seal	11	1	1
58-6400	Bushing	11	5	1
58-6420	Assembly - Cap	11	8	1
58-6450	O-Ring	11	2	2
58-6460	Ring - Retaining	11	9	1
58-6710	Assembly - Plug	11	14	1
59-4920	Bracket - Idler Mounting	76	8	1
59-4930	Slide - Idler	76	10	1
59-4940	Rod - Idler	76	11	1
59-4980	Bracket - Deflector L.H.	75	8	1
59-5000	Bracket - Deflector R.H.	75	19	1
59-5050	Bracket - L.H.	75	9	1
59-5070	Plate - Mounting	75	7	1
59-5090	Bracket - R.H.	75	22	1
59-5140	Mount - Blower	75	10	1
59-5150	Cover - Gear Box	75	15	1
59-5170	Pulley (Splined)	76	19	1
59-5190	Nut - Pulley	76	20	1
59-5190	Nut - Pulley	78	6	1
59-5270	V-Belt	76	22	1
59-5290	Latch	76	24	1
59-5310	Cover - Nut	76	21	1
59-5310	Cover - Nut	78	7	1
59-9740	Assy. - Latch, Flex. Draw	2	47	1
60-9760	Nut - Hex.	86	9	1
61-4090	Box - Weight	91	7	1
61-4130	Cover - Weight Box	91	1	1
61-4140	Bracket	91	9	1
61-4160	Housing - Spindle	48	32	3
61-4160	Housing - Spindle	53	25	3
61-4160	Housing - Spindle	58	50	3
61-4160	Housing - Spindle	67	61	3
62-3310	Screw - Cap	73	15	8
62-3330	Cone - Gear	73	12	1
62-3340	Cup - Bearing	73	14	2
62-3360	Cup - Bearing	73	3	2
62-3370	Cone - Bearing	73	9	2
62-3380	Key	73	8	2
62-3400	Seal	73	13	2
62-3410	Cap	73	16	2
62-3420	Gasket (.015)	73	4	A/R
62-3430	Gasket (.005)	73	5	A/R
62-3440	Gasket (.003)	73	6	A/R
62-3490	Plug - Pipe (Solid)	73	2	4
62-5550	Decal - TORO	2	37	1
62-5550	Decal - Toro	82	15	1
62-5570	Bearing - Roller	69	25	2
62-5570	Bearing - Roller	50	22	2
62-5570	Bearing - Roller	55	22	2
62-5570	Bearing - Roller	61	26	2
62-5580	Bushing	50	17	4
62-5580	Bushing	55	17	4

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
62-5580	Bushing	61	21	4
62-5580	Bushing	69	20	4
62-6520	Knob	75	12	2
62-6520	Knob	78	4	1
62-6520	Knob	77	8	2
62-6710	Plate (GM-322D, 327 & 345)	91	10	2
62-7400	Decal - Toro	17	18	1
62-7650	Gasket	13	39	1
63-1220	Coupler - Quick Disconnect	85	15	2
63-1240	Nipple - Quick Disconnect	85	12	2
63-6010	Hose - Upper	12	18	1
63-6020	Hose - Lower	12	21	1
63-6030	Hub - Clutch	32	44	1
63-6040	Hose - Air Cleaner Inlet	21	21	1
63-6050	Clutch - Electric	32	40	1
63-6160	Shaft - Traction Pedal	7	5	1
63-6170	Assembly - Pivot Bracket	7	10	1
63-6180	Pedal - L.H. Brake	5	26	1
63-6190	Pedal - R.H.Brake	5	29	1
63-6210	Pin - Brake	5	22	1
63-6220	Shaft - PTO	8	20	1
63-6240	Belt - PTO	8	18	1
63-6250	Shaft - PTO Tension	32	34	1
63-6290	Pin - Tension	32	26	1
63-6410	Tube - Traction Control	17	1	1
63-6430	Frame - Rear	27	3	1
63-6440	Shield - Radiator	12	27	1
63-6530	Bracket - PTO Bearing	8	26	1
63-6610	Drive Shaft	17	17	1
63-6630	Cylinder - Lift	10	31	2
63-6690	Lever - Clutch Anchor	32	42	1
63-6700	Bracket	32	10	1
63-6720	Lever - Idler	31	24	1
63-6750	Link - Brake Cable	5	19	2
63-6760	Swivel - Throttle Cable	9	*	1
63-6760	Swivel - Throttle Cable	31	14	1
63-6770	Pin - Rear Axle	27	7	1
63-6880	Rod - Tie	27	32	2
63-6890	Plate - Hinge R.H.	2	42	1
63-6900	Plate Hinge L.H.	1	10	1
63-7030	Screen - Hood	1	3	1
63-7080	Plate - Seat	21	9	1
63-7141	Mount - Shock (Red)	8	8	1
63-7142	Mount - Shock (Yellow)	8	43	3
63-7170	Anchor - Transmission	17	41	1
63-7300	Fender - R.H.	2	39	1
63-7310	Fender L.H.	1	20	1
63-7320	Cover - Tower Rear	1	32	1
63-7330	Cover - Tower Front	2	36	1
63-7340	Wire - Ground	4	2	1
63-7340	Wire - Ground	8	1	1
63-7372	Tank - Fuel	13	40	1
63-7380	Tank - Expansion	31	11	1
63-7400	Washer - Rebound	8	42	4
63-7410	Bracket - Bulkhead	10	37	1
63-7430	Gage - Temperature	3	15	1
63-7440	Solenoid - Stop	32	1	1
63-7590	Relay	21	47	2
63-7610	Hose	9	61	1
63-7620	Hose	21	19	1
63-7630	Hose	13	7	2
63-7630	Hose	21	42	1
63-7640	Sender - Fuel	13	6	1
63-7700	Assembly - Frame, Screen	12	1	1
63-7710	Magnetic Strip	12	2	1
63-7730	Assy. - Cable, Brake L.H.	5	16	1
63-7731	Assy. - Cable, Brake R.H.	5	*	1
63-7790	Screw	31	16	8
63-7790	Screw	32	13	10
63-7880	Pin - Brake Latch	5	23	1
63-7900	Rack - Brake	5	15	1
63-7910	Rod - Brake Latch	5	9	1
63-7930	Pedal - Traction	7	1	1

*Not Illustrated

Part No.	Description	Pg. No.	Ref. No.	Qty.
63-7960	Assembly - Lift Valve	11	*	1
63-7960	Valve - Lift	10	6	1
63-8050	Box - Control	2	40	1
63-8090	Assembly - Lower Housing	14	1	1
63-8140	Pulley	31	28	1
63-8150	Key	32	41	1
63-8230	Angle - Clutch Anchor	32	16	2
63-8280	Assembly - Head	8	12	1
63-8290	Vent - Air	8	45	1
63-8300	Element - Spin-On	8	13	1
63-8310	Valve - Drain	8	40	1
63-8360	Key - Ignition	3	10	1
63-8410	Washer	49	11	4
63-8410	Washer	58	17	4
63-8410	Washer - Flat	9	70	2
63-8410	Washer - Lock	54	12	4
63-8410	Washer-Lock	66	18	4
63-9250	Valve - Power Steering	5	3	1
63-9700	Cover - Plate	77	26	1
63-9700	Plate - Cover	75	34	1
63-9710	Spacer - Bearing	75	29	1
63-9710	Spacer - Bearing	77	20	2
63-9750	IS0 Mount - Gear Box	49	9	4
63-9750	ISO Mount - Gear Box	54	9	4
63-9750	Mount	9	69	2
63-9750	Mount	58	19	4
63-9750	Mount - Isolation	66	20	4
63-9830	Cover - Deck R.H.	60	5	1
63-9840	Cutting Deck	58	1	1
63-9900	Pulley	54	17	1
63-9900	Pulley - Gear Box	49	17	1
63-9900	Pulley - Gear Box	59	60	1
63-9900	Pulley - Gear Box	67	62	1
65-2740	Spacer	11	10	1
65-2750	Plunger	11	11	1
65-2760	Spring	11	12	1
65-2770	Washer	11	6	1
65-2930	Assembly - Plug	11	13	1
65-2950	Spring	11	7	1
65-5100	Handle - Hood	1	2	1
65-5940	Pulley - Idler	48	17	1
65-5940	Pulley - Idler	53	10	1
65-5940	Pulley - Idler	58	15	2
65-5940	Pulley - Idler	66	15	2
65-5950	Bushing	53	12	1
65-5950	Bushing - Pulley	48	45	1
65-5950	Bushing - Pulley	58	9	2
65-5950	Bushing - Pulley	66	8	2
66-1340	Decal - Danger	48	8	2
66-1340	Decal - Danger	53	33	2
66-1340	Decal - Danger	58	3	2
66-1340	Decal - Danger	66	3	2
66-1630	Decal - 62	59	63	1
66-1930	Nut - Lock	30	6	1
66-1940	Piston	30	5	1
66-2320	Mount - Engine	31	19	1
66-2330	Base - Battery	8	6	1
66-2360	Support - Muffler	32	6	2
66-2440	Plate - Reservoir	31	10	1
66-2450	Bracket - Air Cleaner	22	74	1
66-2451	Bracket - Air Cleaner	21	29	2
66-2460	Panel - Control	3	1	1
66-2470	Plate - Tower	2	41	1
66-2490	Clamp - Battery Retainer	8	5	1
66-2590	Pin - Seat Spring	21	43	1
66-2630	Latch - Seat	21	14	1
66-2670	Bracket - Throttle	9	57	1
66-2720	Lever - Lift	10	4	1
66-2770	Tube - Cylinder	30	1	1
66-2800	Rod - Seat Support	21	10	1
66-2830	Box - Tool	1	19	1
66-2870	Cable - Hood Stop	2	45	1
66-2870	Cable - Hood Stop	32	8	1

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66-2900	Tie Rod End	32	20	1
66-2910	Bumper - Rubber	32	17	2
66-2920	Washer - Friction	9	53	2
66-2940	Gage - Fuel	3	6	1
66-2950	Meter - Hour	3	14	1
66-2960	Cluster - Warning Light	3	5	1
66-2990	Cap - Spindle	27	14	2
66-3040	Cover - Tool Box	1	14	1
66-3050	Strip - Magnetic	1	15	1
66-3060	Dipstick - Differential	13	36	1
66-3100	Screw	32	29	1
66-3110	Hyd. Fitting	17	9	2
66-3120	Hyd. Fitting - Cross	17	32	1
66-3130	Fitting - Tee	10	12	1
66-3160	Screw	32	48	1
66-3160	Screw - Cap Hex. Hd.	17	20	2
66-3180	Tube - Vent	12	20	1
66-3200	Tread - Foot Rest L.H.	1	29	1
66-3210	Tread - Foot L.H.	1	30	1
66-3220	Tread - Foot R.H.	1	31	1
66-3240	Cap - Radiator	12	6	1
66-5400	Assembly - Seat	23	*	1
66-5400	Assembly - Seat	25	*	1
66-6140	Decal	89	2	1
66-6380	Decal - Defector Missing	58	2	1
66-6380	Decal - Deflector Missing	48	6	1
66-6380	Decal - Deflector Missing	66	2	1
66-8110	Trim - Hood	1	8	1
66-8120	Standpipe	13	1	1
66-8130	Hose	19	2	1
66-8130	Hose - Hydraulic	15	41	1
66-8140	Hose	5	31	1
66-8140	Hose	19	11	1
66-8150	Hose	19	6	1
66-8150	Hose - Hydraulic	10	14	1
66-8160	Hose	17	35	2
66-8160	Hose	19	1	2
66-8170	Hose	19	12	2
66-8170	Hose - Hydraulic	5	37	2
66-8180	Hose	19	5	1
66-8180	Hose Assembly	12	10	1
66-8190	Assembly - Hose, Hydraulic	10	25	1
66-8190	Hose	19	3	1
66-8230	Bracket - Mounting	64	5	2
66-8230	Bracket - Mounting	71	5	2
66-8390	Spring - Extension	57	13	1
66-8390	Spring - Extension	71	13	2
66-8390	Spring - Heavy Duty	77	*	1
66-8390	Spring - Trim Side	64	13	1
66-8410	Spring - Discharge Side	64	*	1
66-8420	End - Spring	57	9	1
66-8420	End - Spring	64	9	2
66-8420	End - Spring	71	9	2
66-8440	Link - Knee	64	11	2
66-8440	Link - Knee	71	11	2
66-8450	Link - Knee	57	11	1
66-8460	Bracket - Mounting	57	5	1
66-8490	Assembly - Hose	17	23	1
66-8490	Hose	19	10	1
66-8500	Hose	10	15	1
66-8500	Hose	19	8	1
66-8500	Hose Assembly	12	30	1
66-8510	Adjuster w/Handle	25	14	1
66-8520	Bumper - Stop	25	15	2
66-8530	Adjuster	25	18	1
66-8540	Hanger - Spring	25	16	1
66-8560	Nut - Push	25	1	4
66-8600	Frame - Upper	25	22	1
66-8610	Frame - Lower	25	12	1
66-8620	Tube	19	9	1
66-8620	Tube Hydraulic (Pump-Str.)	5	33	1
66-8630	Tube	19	7	1
66-8630	Tube - Hydraulic (Str.-Lift)	5	32	1
66-8640	Assembly - Hose, Hydraulic	10	33	1
66-8640	Hose	19	4	1
66-8670	Decal - Hood R.H.	1	*	1
66-8680	Decal - Hood L.H.	1	7	1
66-8690	Lamp Harness	4	4	1
66-8700	Indicator - Glow	31	32	1
66-8750	Decal - Control Levers	22	56	1
66-8760	Decal - Tower L.H.	1	33	1
66-8770	Decal - Tower R.H.	1	*	1
66-8800	Relay	21	50	1
66-8880	Decal - Caution	1	17	1
66-8890	Decal Traction Pedal	2	38	1
66-9290	Spacer - Suspension	25	19	4
66-9302	Screw - Flange Hd.	50	35	6
66-9302	Screw - Flange Hd.	55	35	6
66-9770	Seal	6	28	1
66-9780	Bushing	6	29	1
66-9850	Bolt - Special	6	36	4
66-9860	Upper Cover & Jacket	6	37	1
66-9870	Plate - Retaining	6	38	1
66-9880	Washer - Retaining Plate	6	39	1
66-9890	Ring - Retaining	6	40	1
66-9900	Shaft - Input	6	41	1
66-9970	Kit - Spring	6	*	1
66-9980	Kit - Seal	6	*	1
66-9990	Kit - Needle Roller	6	*	1
67-1630	Spacer - PTO	9	68	2
67-1631	Spacer	32	30	1
67-1690	Fitting	22	68	2
67-1700	Decal - Starting Fluid	21	23	1
67-1710	Decal - Interlock	21	48	1
67-1720	Decal - Caution	1	27	2
67-1730	Plate - Nut	81	9	2
67-1750	Bushing	27	9	6
67-1800	Pivot Plate	32	37	1
67-1830	Carrier Bracket	13	31	2
67-1900	Screw - Cap Hex. Hd.	17	43	1
67-2200	Seal	37	4	4
67-2210	Plug - Taper	41	36	3
67-2230	Seal-Oil	41	14	1
67-2250	Bolt	37	5	8
67-2260	Shaft-Idler	41	34	1
67-2270	Case - Oil Seal	41	15	1
67-2280	Gasket-Seal, Oil	41	13	1
67-2290	Cover	41	10	1
67-2300	Gasket	41	9	1
67-2310	Plate - Front	36	6	1
67-2320	Gasket - Plate	36	7	1
67-2330	Bolt	38	34	4
67-2330	Bolt	39	49	2
67-2330	Bolt	40	3	2
67-2330	Bolt	41	16	6
67-2340	Bolt W/Washer	36	3	3
67-2340	Bolt W/Washer	38	17	4
67-2340	Bolt W/Washer	41	11	2
67-2350	Plug - Expansion	41	25	1
67-2360	Bushing - Knock	41	26	2
67-2370	Bushing - Knock	41	32	1
67-2380	Bushing - Knock	41	27	3
67-2390	Plug - Taper	41	24	1
67-2410	Bearing Set 0.25 mm US	37	*	1
67-2420	Bearing Set 0.50 mm US	37	*	1
67-2430	Bracket - Starter	41	23	1
67-2440	Bolt W/Washer	41	22	3
67-2480	Gasket - Oil Pan	36	17	1
67-2500	Plunger - Relief	36	25	1
67-2510	Spring - Relief	36	26	1
67-2520	Plug	36	28	1
67-2530	Gear - Inner	36	12	1
67-2540	Gear - Outer	36	11	1
67-2550	Housing - Oil Pump	36	10	1
67-2560	Bolt W/Washer	36	9	3
67-2570	Plug - Taper	36	29	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67-2570	Plug - Taper	38	19	1
67-2580	Gasket - Case	36	2	1
67-2590	Seal - Oil	36	23	1
67-2600	Bolt	36	21	3
67-2600	Bolt	40	5	1
67-2610	Bolt	36	22	4
67-2610	Bolt	40	9	2
67-2620	Bolt	36	24	1
67-2630	Seal - O-Ring	36	20	2
67-2640	Cap	36	30	1
67-2650	Cap - Oil Filler	38	11	1
67-2650	Oil Fill Cap Assembly	36	32	1
67-2660	Seal - O-Ring	36	31	1
67-2660	Seal - O-Ring	38	10	1
67-2670	Hose - Breather	38	8	1
67-2680	Hanger -Engine	38	16	2
67-2700	Guide - Valve	38	42	6
67-2710	Cap - Sealing	38	41	3
67-2730	Bolt	38	43	8
67-2740	Bolt - Flange	38	15	3
67-2750	Cover Assembly	38	6	1
67-2760	Gasket	38	14	1
67-2770	Nut - Cap	38	12	2
67-2780	Washer	38	13	2
67-2850	Rod Assembly-Connecting	34	9	3
67-2860	Bolt	34	12	6
67-2890	Bearing Set 0.25 mm US	34	*	3
67-2900	Bearing Set 0.50 mm US	34	*	3
67-2910	Gear	34	7	1
67-2920	Crankshaft	34	16	1
67-2930	Pulley - Crankshaft	34	19	1
67-2940	Nut - Jam	34	22	1
67-2950	Washer	34	20	1
67-2960	Washer - Lock	34	21	1
67-2970	Flywheel Assembly	34	13	1
67-2980	Gear - Ring	34	15	1
67-2990	Bolt	34	14	4
67-3000	Washer	37	10	2
67-3010	Cam Shaft	37	7	1
67-3020	Gear	37	12	1
67-3030	Bearing	37	9	2
67-3040	Plate	37	14	1
67-3050	Bearing	37	22	1
67-3060	Shaft	37	21	1
67-3070	Gear	37	17	1
67-3080	Snap Ring	37	23	1
67-3090	Gear Assembly	37	13	1
67-3100	Retainer	34	32	6
67-3110	Spring	34	31	6
67-3120	Tappet	34	6	6
67-3130	Valve - Intake	34	28	3
67-3140	Valve - Exhaust	34	29	3
67-3150	Rod-Push	34	5	6
67-3160	Arm-Rocker	34	1	6
67-3170	Spring	35	40	2
67-3180	Cap	34	34	6
67-3190	Rocker Shaft Assembly	34	38	1
67-3200	Stay - Rocker	34	35	3
67-3210	Screw - Adjusting	34	4	6
67-3220	Pin	34	37	1
67-3230	Nut - Jam	34	2	6
67-3240	Snap Ring	34	3	2
67-3250	Bolt-Rocker Stay	35	43	2
67-3260	Washer	35	41	3
67-3260	Washer	45	8	2
67-3260	Washer	47	3	1
67-3280	Shim 0.2 mm	41	38	1
67-3290	Shim 0.3 mm	41	*	1
67-3300	Shim 0.5 mm	41	*	1
67-3310	Shim 0.4 mm	41	*	1
67-3320	Shim 0.6 mm	41	*	1
67-3330	Shim 0.7 mm	42	38	1
67-3340	Shim 0.8 mm	42	*	1
67-3350	Shim 0.9 mm	42	*	1
67-3360	Shim 1.0 mm	42	*	1
67-3370	Bolt W/Washer	42	39	4
67-3380	Nozzle & Holder Assembly	41	6	1
67-3380	Nozzle and Holder Assembly	44	*	3
67-3390	Gasket - Nozzle Holder	41	7	3
67-3400	Pipe Assy. No. 1	42	42	1
67-3410	Pipe Assy. No. 2	42	43	1
67-3420	Pipe Assy. No. 3	41	1	1
67-3430	Nut	41	2	3
67-3440	Gasket	41	4	3
67-3460	Housing-Pump	43	9	1
67-3480	Seal - O-Ring	43	4	3
67-3490	Spring	43	5	3
67-3500	Valve	43	7	3
67-3520	Sleeve	43	10	3
67-3530	Seat - Spring Upper	43	11	3
67-3540	Spring	43	12	3
67-3550	Seat - Spring Lower	43	13	3
67-3560	Plate - Shim 1.85 mm	43	14	1
67-3570	Plate - Shim 1.9 mm	43	*	1
67-3580	Plate - Shim 1.95 mm	43	*	1
67-3590	Plate - Shim 2.0 mm	43	*	1
67-3600	Plate - Shim 2.05 mm	43	*	1
67-3610	Plate - Shim 2.1 mm	43	*	1
67-3620	Plate - Shim 2.15 mm	43	*	1
67-3630	Plate -Shim 2.2 mm	43	*	1
67-3640	Plate - Shim 2.25 mm	43	*	1
67-3650	Plate - Shim 2.3 mm	43	14	1
67-3660	Plate - Shim 2.35 mm	43	*	1
67-3670	Plate - Shim 2.4 mm	43	*	1
67-3680	Plate - Shim 2.45 mm	43	*	1
67-3690	Plate - Shim 2.5 mm	43	*	1
67-3700	Tappet	43	15	3
67-3710	Screw - Air Bleed	43	24	1
67-3720	Washer	43	23	1
67-3730	Screw	43	22	1
67-3740	Holder-Delivery Valve	43	3	3
67-3750	Nipple - Swivel	43	21	1
67-3760	Washer	43	20	2
67-3770	Plate - Lock	43	2	3
67-3780	Screw W/Washer	43	1	3
67-3790	Rack	43	19	1
67-3800	Screw	43	17	2
67-3810	Bracket - Wire Stop	43	18	1
67-3830	Pin - Tappet Guide	43	16	3
67-3840	Washer 1.25 mm	43	31	1
67-3850	Washer 1.3 mm	44	31	1
67-3860	Washer 1.35 mm	44	*	1
67-3870	Washer 1.4 mm	44	*	1
67-3880	Washer 1.45 mm	44	*	1
67-3890	Washer 1.5 mm	44	*	1
67-3900	Washer 1.55 mm	44	*	1
67-3910	Washer 1.6 mm	44	*	1
67-3920	Washer 1.65 mm	44	31	1
67-3930	Washer 1.7 mm	44	*	1
67-3940	Spring	43	30	3
67-3950	Pin - Pressure	43	29	3
67-3960	Piece - Distance	43	28	3
67-3970	Nozzle	43	27	3
67-3980	Nut - Retaining	43	25	3
67-3990	Gasket	43	26	3
67-4000	Lever - Speed Control	45	1	1
67-4010	Pin	45	2	2
67-4030	Stopper	45	15	1
67-4040	Rod - Tie	45	23	1
67-4050	Weight Assembly	45	13	1
67-4060	Shaft - Governor	45	19	1
67-4070	Lever - Governor	45	18	1
67-4080	Shaft - Sliding	45	16	1
67-4090	Clip	45	24	1
67-4110	Lever - Tension	45	21	1
	Cover Assembly	45	*	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67-4120	Pin - Grooved	45	35	1
67-4130	Cover - Governor	45	4	1
67-4140	Lever - Stop	45	11	1
67-4150	Lever - Stop	45	40	1
67-4160	Gasket	45	5	1
67-4170	Spring Set	45	*	
67-4180	Nut	45	31	1
67-4190	Spring - Torque	45	28	1
67-4200	Nut - Special	45	30	1
67-4210	Case - Torque Spring	45	26	1
67-4220	Screw - Adjusting	45	29	1
67-4230	Stopper	45	27	1
67-4270	Bolt	45	3	4
67-4280	Bolt W/Washer	45	17	1
67-4290	Nut	45	34	4
67-4310	Gasket	34	23	1
67-4330	Oil Filter Assembly	42	40	1
67-4340	Screen Assembly	41	31	1
67-4350	Switch - Oil Pressure	40	8	1
67-4360	Pulley - Water Pump	40	1	1
67-4380	Water Pump Assembly	40	6	1
67-4390	Gasket - Water Pump	40	7	1
67-4400	Bolt	38	1	2
67-4400	Bolt	40	4	1
67-4410	V-Belt	40	2	1
67-4420	Fitting - Water	39	46	1
67-4430	Gasket - Fitting	39	45	1
67-4440	Thermostat	38	38	1
67-4450	Fitting - Thermostat	38	32	1
67-4460	Gasket - Switch	38	31	1
67-4470	Bolt	38	33	1
67-4480	Pipe - By-Pass	38	37	1
67-4490	Gasket	38	30	1
67-4500	Switch - Thermo	38	29	1
67-4510	Gauge Nut - Temperature	38	35	1
67-4520	Pipe	38	2	1
67-4530	Cover - Intake	38	5	1
67-4540	Seal - O-Ring	38	3	1
67-4550	Gasket-Intake Manifold	38	44	1
67-4560	Manifold - Exhaust	38	24	1
67-4570	Gasket - Exhaust Manifold	38	26	1
67-4580	Bolt	38	22	2
67-4590	Bolt	38	23	4
67-4610	Bolt W/Washer	46	2	2
67-4620	Spacer	47	21	1
67-4630	Alternator Assembly	47	1	1
67-4640	Bolt	47	22	1
67-4660	Bolt - Flange	47	26	1
67-4670	Nut	47	2	1
67-4680	Plug - Glow	38	39	3
67-4690	Plate - Glow Plug	38	40	1
67-4700	Lamp - Glow	38	27	1
67-4720	Lever	46	4	1
67-4730	Spring Set	46	5	1
67-4750	Switch	46	7	1
67-4760	Shaft Assembly	46	15	1
67-4770	Pinion Set	46	14	1
67-4780	Gear Set	46	12	1
67-4790	Shaft	46	11	1
67-4800	Yoke	46	20	1
67-4810	Pulley Set	47	16	1
67-4820	Bolt Set	47	20	1
67-4830	Front Bracket Assembly	47	15	1
67-4840	Screw Set	47	18	1
67-4850	Bearing - Front	47	19	1
67-4860	Rotor Assembly	47	7	
67-4870	Bearing - Rear	47	6	1
67-4880	Stator	47	10	1
67-4890	Rear Cover Assembly	47	9	1
67-4900	Terminal Set	47	11	1
67-4910	Regulator Assembly	47	12	1
67-4920	Brush	47	13	2
67-4930	Rectifier	47	8	1
67-5040	Spring	45	20	1
67-5360	Decal - Shield Missing	48	49	2
67-5360	Decal - Shield Missing	53	8	2
67-5360	Decal - Shield Missing	58	4	3
67-5360	Decal - Shield Missing	66	13	3
67-5450	Piston	86	8	1
67-5460	Head	86	7	1
67-5470	Ring - Retaining	86	6	1
67-5500	Kit - Repair	86	5	1
67-5770	Washer	67	54	3
67-5770	Washer - Lock	59	55	3
67-7050	Field Rotor Assembly	33	1	1
67-7060	Ring - Retaining	33	8	1
67-7070	Armature & Pulley Assembly	33	5	1
67-7080	Collar - Bearing	33	6	1
67-7090	Bearing - Pulley	33	7	1
67-7100	Plate - Brake	33	11	1
67-7120	Fusible Link	4	5	1
67-7130	Diode	4	6	1
67-7160	Fuse Block	21	1	1
67-7180	Wire - Seat	4	9	1
67-7210	R-Clamp	9	60	2
67-7250	Spacer Cyl.	27	39	1
67-7300	Screw Hex Hd.	27	36	1
67-7500	Upper Support Tube Assy.	81	15	1
67-7540	Deflector - Front	76	42	1
67-9410	Washer - Flat	28	52	1
67-9550	Cushion - Seat	23	1	1
67-9560	Shell - Seat	23	2	1
67-9580	Seal - Foam	56	1	1
67-9590	Pin - Mounting	56	4	2
67-9610	Assembly - Shield	56	6	1
68-5140	Cap - Steering Wheel	5	7	1
68-5370	Decal - Toro	5	40	1
68-6810	Assembly - Gear Box	49	14	1
68-6810	Gear Box	54	14	1
68-6810	Gear Box	58	22	1
68-6810	Gear Box	66	22	1
68-7030	Housing	73	1	1
68-7040	Shaft	73	17	1
68-7050	Shaft	73	19	1
68-7060	Gear	73	18	1
68-7070	Ring - Retaining	73	7	2
68-7080	Gear	73	10	1
68-7260	Decal - Rear Weight 35#	58	45	1
68-7270	Decal - Rear Weight 70#	66	47	1
68-7370	Wire - Glow	4	11	1
68-7380	Assembly - Connector	4	12	1
68-8340	Decal - Blade Bolt Torque	48	31	1
68-8340	Decal - Blade Bolt Torque	53	23	1
68-8340	Decal - Blade Bolt Torque	58	44	1
68-8340	Decal - Blade Bolt Torque	66	32	1
68-8360	Decal - H.O.C.	50	8	1
68-8360	Decal - H.O.C.	61	8	1
68-8360	Decal - Height Of Cut	69	32	1
68-8530	Base - Gear Box	66	16	1
68-8560	Assy. - Bracket, Gear Box	58	24	2
68-8560	Bracket - Gear Box	49	10	2
68-8560	Bracket - Gear Box	54	10	2
68-8560	Bracket - Gear Box	66	23	2
68-8900	Fork - Castor	69	14	2
68-8900	Fork - Castor, Front	50	12	2
68-8900	Fork - Castor, Front	55	12	2
68-8900	Fork - Castor, Front	61	15	2
68-8920	Wheel Half - Female	50	20	2
68-8920	Wheel Half - Female	55	20	2
68-8920	Wheel Half - Female	61	24	2
68-8920	Wheel Half - Female	69	23	2
68-8930	Wheel Half - Male	50	21	2
68-8930	Wheel Half - Male	55	21	2
68-8930	Wheel Half - Male	61	25	2
68-8930	Wheel Half - Male	69	24	2
68-8940	Hub - Center	50	15	2

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
68-8940	Hub - Center	55	15	2
68-8940	Hub - Center	61	19	2
68-8940	Hub - Center	69	18	2
68-8950	Tube - w/Valve	61	23	2
68-8950	Tube w/Valve	50	19	2
68-8950	Tube w/Valve	55	19	2
68-8950	Tube w/Valve	69	22	2
68-8960	Tire	50	13	2
68-8960	Tire	55	13	2
68-8960	Tire	69	16	2
68-8960	Tire	61	17	2
68-8980	Bushing - Spanner	50	23	2
68-8980	Bushing - Spanner	55	23	2
68-8980	Bushing - Spanner	61	27	2
68-8980	Bushing - Spanner	74	4	1
68-8980	Bushing - Spanner	69	26	2
68-9890	Cover - Front Gear Box	54	8	1
68-9890	Cover - Gear Box	49	8	1
68-9890	Cover - Gear Box, Front	66	21	1
68-9890	Cover -Gear Box, Front	58	20	1
69-0760	Bracket - L.H. Arm	24	*	1
69-0770	Bracket - R.H. Arm	24	4	1
69-1180	Armrest	24	1	2
69-1260	Spacer	24	6	4
69-4780	Clamp - Gauge	3	18	1
70-2560	Decal - Lube	49	13	1
70-2560	Decal - Lube	54	11	1
70-2560	Decal - Lube	58	18	1
70-2560	Decal - Lube	66	19	1
70-2740	Assembly - Axle	13	34	1
70-2760	Upper Housing Assembly	14	22	1
70-7290	Bracket - Seat Switch	21	51	1
70-7530	Spring - Compression	10	3	1
70-7920	Assembly - Pin, Lock	57	7	2
70-7920	Lock Pin Assembly	64	7	4
70-7920	Lock Pin Assembly	71	7	4
70-7940	End - Spring	57	14	1
70-7940	End - Spring	64	14	2
70-7940	End - Spring	71	14	2
70-7970	Assembly - Cover, Spring	57	16	1
70-7970	Spring Cover Assembly	64	16	2
70-7970	Spring Cover Assembly	71	16	2
70-8050	Bumper	76	1	1
70-8560	Retainer - Glow Plug	31	30	1
70-8621	Cap - Fuel	13	11	1
70-8700	Pipe - Fuel Return	41	3	1
70-8720	Spring - Tie Rod	45	22	1
70-8760	Starter Assembly	46	1	1
70-8770	Bracket - Front	46	3	1
70-8780	Bracket - Center	46	6	1
70-8870	Guide - Oil Level	41	8	1
70-8880	Dipstick	41	5	1
71-1520	Cap - Reservoir	31	44	1
71-2760	Decal - H.O.C.	55	8	1
71-2910	Angle - Engine Mount	31	17	1
71-3384	Hose	12	9	1
71-3500	Lever - Throttle	9	55	1
71-4540	Washer - Thrust	27	2	1
72-4320	Switch	22	57	1
72-4440	Assembly - Arm, Push	90	4	1
72-6140	Cover - Rear	47	27	1
72-9210	Cutting Deck	48	40	1
72-9230	Base - Gear Box	49	2	1
72-9230	Base - Gear Box	54	2	1
72-9240	Bracket - Extension	49	6	1
72-9240	Bracket - Extension	54	6	1
72-9260	Cutting Deck	53	34	1
72-9300	Cover R.H.	49	1	1
72-9310	Base - Gear Box	58	23	1
72-9320	Cover - Deck Center	60	6	1
72-9330	Cover R.H.	54	1	1
72-9340	Cover L.H.	49	23	1
72-9361	Anti-Scalp Cup	48	36	3
72-9361	Cup - Anti Scalp	53	29	3
72-9361	Cup - Anti-Scalp	59	57	3
72-9361	Cup - Anti-Scalp	67	56	3
72-9370	Shim (.020)	73	11	2
72-9420	Vent Assembly	15	40	1
74-0720	Tube - Manual	26	1	1
75-0560	Wheel - Steering	5	6	1
75-0810	Decal - Caution	2	50	2
75-0900	Engine	31	18	1
75-4702	Hose - Fuel	12	23	1
75-4704	Hose	12	35	1
75-4900	Bearing Set STD	37	3	1
75-4910	Oil Pan Assembly	36	14	1
75-4920	Case	36	1	1
75-4930	Cylinder Head Assembly	38	28	1
75-4940	Brace - Alternator	47	23	1
75-4950	Gasket - Cylinder Head	38	25	1
75-4960	Block Assembly	37	1	1
75-4970	Element	43	8	3
75-4980	Lever - Governor Spring	45	7	1
75-4990	Spring - Governor	45	25	1
75-5000	Body	44	32	3
75-5010	Bearing Set STD	34	8	3
75-5020	Injector Pump Assembly	42	41	
75-5040	Gasket Kit	36	*	1
75-5050	Ring Set STD	34	11	3
75-5060	Ring Set 0.25 mm OS	34	*	3
75-5070	Ring Set 0.50 mm OS	34	*	3
75-5080	Piston & Pin Set STD	34	10	3
75-5090	Piston & Pin Set	34	*	3
75-5100	Piston & Pin Set	34	*	3
75-5110	Cover Assy.	34	24	1
75-5120	Gasket	35	45	1
75-6880	Spark Arrester Screen	32	*	1
76-1000	Cable - Throttle	9	59	1
76-1910	Shaft - Pivot	25	2	2
76-1920	Bearing - Sleeve	25	13	4
76-1930	Knob Adjustment	25	20	1
76-1940	Spring - Extension	25	23	2
76-1990	Bracket - Frame	81	35	4
76-2070	Cylinder - Steering	27	40	1
76-2080	Assembly - Piston Rod	30	4	1
76-2090	Kit - Seal	30	2	1
76-2790	Gland	30	3	1
76-2940	Bumper	25	8	2
76-2970	Bushing	28	55	2
76-2980	Washer - Thrust	28	54	1
76-3000	Axle-Rear	27	37	1
76-3080	Lift Arm - R.H.	13	*	1
76-3090	Lift Arm - L.H.	13	30	1
76-4510	Spindle - Wheel L.H.	27	17	1
76-4520	Spindle - Wheel R.H.	27	35	1
76-4790	Pad - Rubber	1	11	1
76-4810	Pivot - Steering	27	28	1
76-4830	Rod - Tie	10	18	1
76-8750	Plate - Warning	12	12	1
77-0130	Cover - Pulley	76	45	1
77-0160	Bracket - Spring	76	27	1
77-0180	Assembly - Cover, Right	76	25	1
77-0550	Tube - Fill	15	44	1
77-0680	Extension - Snout	81	11	1
77-5420	Pulley W.A. - Splined	78	5	1
77-5440	Mount - Blower W.A.	77	6	1
77-5520	Bracket W.A. - R.H.	78	25	1
77-5560	Bracket W.A. - L.H.	78	33	1
77-5600	Support - Cover	78	34	1
77-5620	Cover - Deck, R.H.	78	1	1
77-5630	Cover - Gear Box	77	11	1
77-5640	Shelf W.A. - Rear	79	10	1
77-5670	Deflector W.A. - Rear	79	8	1
77-5740	Deflector W.A. - Front	79	7	1
77-5820	Plate W.A. - Mounting	77	4	1
77-5850	Shelf W.A. - Right	79	11	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
77-5930	Shelf W.A. - Bottom, Left	79	3	1
77-5950	Cylinder - Lift	82	8	1
77-5960	Assembly - Hose	85	8	2
77-5970	Assembly - Hose	85	16	2
77-5980	Assembly - Tube	85	25	1
77-5990	Assembly - Tube	85	30	1
77-6000	Frame W.A. - Main	82	9	1
77-6160	Bracket W.A. - Rear	82	19	1
77-6210	Bracket W.A. -Side, R.H.	82	26	1
77-6240	Bracket W.A. - Side, L.H.	82	23	1
77-6360	Arm W.A. - L.H., Lower	82	10	1
77-6390	Arm W.A. - Lower, R.H.	82	33	1
77-6430	Arm W.A.	83	19	1
77-6490	Rod	83	24	2
77-6510	Hopper	83	27	1
77-6520	Cover - Hopper, Front	83	9	1
77-6530	Cover - Rear	84	3	1
77-6540	Pin - Hinge	84	2	1
77-6560	Pin - Mount, Cylinder	82	6	1
77-6561	Pin	82	20	1
77-6600	Pin	82	12	4
77-6600	Pin	83	16	2
77-6601	Pin	82	34	1
77-6602	Pin	82	30	1
77-6650	Plate - Backup	83	12	1
77-6651	Plate - Backup	83	11	1
77-6660	Plate - Backup	83	13	1
77-6670	Bracket - Coupler	82	28	1
77-6690	Strap	82	21	2
77-6700	Weight - Wheel 75#	88	4	1
77-6710	Blade	79	9	3
77-6740	Arm W.A. - Lift, Main	82	2	1
77-6750	Arm W.A.	82	5	1
77-6770	Hinge	83	7	1
77-6890	Latch	84	6	1
77-6940	Bumper W.A.	78	45	1
77-6960	Shaft	86	4	1
77-6970	Barrel	86	10	1
77-6980	Clevis	86	1	1
77-6990	Nut	86	3	1
80-0080	Cover L.H.	54	23	1
80-2810	Bracket - Pivot R.H.	77	15	1
80-2820	Bracket - Pivot, L.H.	77	5	1
80-3200	Shaft	78	41	1
80-3230	Pin - Special	78	39	1
80-3250	Screw - Pivot	78	12	1
80-3310	Assembly - Arm	78	15	1
80-3360	Lever W.A. - Pivot	85	3	1
80-3440	Shaft - Roller	78	40	1
80-3450	Bracket - Roller	78	38	1
80-3490	Handle W.A.	85	2	1
80-3550	Stop - Deflector	78	36	1
80-3560	Rod - Threaded	78	17	1
80-3570	Hook	78	20	1
80-3580	Roller	78	44	1
80-3590	V-Belt	78	8	1
80-3720	Chute Assembly	77	35	1
80-4640	Decal - Valve Operation	85*	36	1
80-4650	Decal	82	13	1
80-4660	Decal - Warning	82	*	1
80-4670	Plate	77	33	2
80-4740	Plate	83	4	1
80-4760	Decal	83	2	1
80-4900	Kit - Auxiliary Valve	85	37	1
80-4980	Washer - Flat	84	7	1
82-2310	Radiator Assembly	12	26	1
82-5510	Decal - Warning	75	4	1
82-5510	Decal - Warning	77	1	1
82-5810	Shield - Top	83	32	1
82-5820	Shield - Wide	83	31	1
82-5821	Shield - Narrow	83	34	1
82-5830	Flat - Short	83	35	1
82-5840	Flat - Long	83	30	2
82-5850	Seal - Cover, Rear	83	28	1
82-5851	Seal - Side	83	29	2
82-5860	Seal - Right	83	*	1
82-5861	Seal - Left	83	17	1
82-5870	Foam	84	10	2
82-5880	Bumper	82	36	2
82-8110	Retainer - Oil Guide	42	44	1
82-8530	Fitting	17	26	1
82-8810	Baffle - Front, L.H.	62	3	1
82-8820	Baffle - Front, R.H.	62	4	1
82-8950	Foam	2	51	2
83-4520	Cradle - Rear	50	33	2
83-4520	Cradle - Rear	55	33	2
83-4520	Cradle - Rear	61	33	2
83-4520	Cradle - Rear	69	33	2
83-4550	Assembly - Frame, Deck	55	2	1
83-4550	Frame - Deck Suspension	50	2	1
83-4560	Frame	61	1	1
83-4570	Carrier Frame	69	1	1
83-4580	Spacer	50	36	2
83-4580	Spacer	55	36	2
84-1870	Bracket WA.	31	23	1
84-1880	Fan - Cooling	31	1	1
84-1890	Pulley - Fan	31	2	1
84-1910	Muffler	32	3	1
84-1930	Hub - Fan	31	3	1
84-1940	Hub	31	7	1
84-1950	Decal - GM 223-D	1	5	2
84-1960	Decal - Service	1	18	1
84-7570	Radiator Support Assembly	12	5	1
84-7580	Plate - Bushing Support	9	64	1
84-7660	Clamp - Column	5	44	1
84-7670	Foam - Column Support	5	43	2
84-7680	Shroud - Fan	12	19	1
84-7700	Assembly - Frame	2	35	1
84-7720	Belt - Fan	31	29	1
84-7740	Assembly - Hood	1	1	1
84-8600	Brake Shoe Set	16	16	1
85-4980	Switch - PTO	3	3	1
85-7520	Frame - Seat	22	55	1
85-7540	Wire Harness	4	3	1
85-7560	Plate - Control Panel	3	16	1
217-116	Rim	29	2	1
217-117	Rim	13	19	2
217-118	Rim	27	19	2
218-446	Nut - Hex.	3	9	1
218-447	Washer - Lock	3	8	1
218-461	Nut - Jam	22	64	1
218-473	Boot - Switch	3	11	1
218-497	Nut - Face	3	12	1
218-573	Fuse 5.0A	4	8	2
218-574	Fuse 7.5A	4	7	1
218-576	Nut - Hex.	3	4	1
219-17	Bulb - Light	4	10	4
231-95	Tire	29	1	1
231-101	Tire	13	18	2
231-105	Tire	27	18	2
232-27	Valve Stem	29	3	1
232-31	Valve Stem w/Cap	13	21	2
232-35	Stem - Valve	27	26	2
233-17	Knob	5	8	1
233-39	Knob	9	54	1
233-39	Knob	10	5	1
237-7	O-Ring	22	62	1
237-21	O-Ring	85	7	4
237-21	Seal - O-Ring	27	47	2
237-22	O-Ring	5	38	2
237-22	O-Ring	10	28	2
237-22	O-Ring	17	25	1
237-22	O-Ring	85	24	2
237-22	Seal - O-Ring	10	11	7
237-30	O-Ring	5	36	2
237-30	O-Ring	22	58	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237-42	O-Ring	17	7	4
237-42	O-Ring	85	11	4
237-42	O-Ring	87	2	2
237-65	Seal - O-Ring	10	9	5
237-78	O-Ring	85	5	4
237-78	Seal - O-Ring	27	45	2
237-79	O-Ring	85	22	2
237-80	O-Ring	17	33	1
237-136	Grommet	13	12	3
241-119	Cap - Hub	27	25	2
242-34	Stud - Axle Flange	16	9	10
249-21	Latch - Draw	49	22	3
249-21	Latch - Draw	54	22	3
249-21	Latch - Draw	60	10	5
249-21	Latch - Draw	68	10	6
249-21	Latch - Draw	76	29	2
2410-67	Plug	91	11	2
2411-36	End - Rod	7	14	1
2411-48	Rod End	83	21	2
2411-49	Rod End - L.H. Thd.	83	26	2
2412-4	R-Clamp	17	40	1
2412-34	Clamp - Hose	12	17	4
2412-34	Clamp - Hose	15	42	4
2412-36	Clamp	5	34	2
2412-36	Clamp	13	38	1
2412-36	Clamp - Hose	10	13	3
2412-42	Clamp - Hose	21	22	1
2412-74	R-Clamp	21	52	1
2412-92	Clamp - Hose	22	73	1
2412-96	R-Clamp	13	9	1
2412-103	R-Clamp	12	22	2
2412-104	R-Clamp	9	73	2
2412-105	Clamp - Tube, Double	85	19	2
2412-107	R-Clamp	22	71	1
2412-108	Clamp	9	52	2
2412-108	Clamp	13	2	4
2412-108	Clamp - Hose	12	7	8
2412-108	Clamp - Hose	21	41	4
2412-108	Hose Clamp	17	34	4
251-77	Collar - Locking	8	22	1
251-253	Bearing - PTO Shaft	8	23	1
251-259	Bearing - Ball	20	23	1
251-326	Flange - Bearing	9	66	2
251-335	Bearing	32	33	1
253-129	Seal - Hub	27	27	2
253-139	Seal	58	51	6
253-139	Seal - Wave	48	27	6
253-139	Seal - Wave	53	19	6
253-139	Seal - Wave	67	60	6
254-65	Cone - Tapered, Bearing	15	33	2
254-66	Cup - Tapered, Bearing	15	32	2
254-72	Cup - Bearing	27	20	4
254-90	Cup - Bearing	14	24	1
254-91	Cone - Bearing	14	25	1
254-94	Cone - Bearing	27	21	4
256-42	Bushing	5	27	4
256-76	Bushing	82	4	14
256-77	Bushing	82	3	2
256-101	Bushing	13	28	4
256-121	Washer - Thrust	27	16	2
256-156	Bushing - Flange	7	9	2
256-206	Bushing	78	14	1
256-284	Bushing	84	5	1
256-299	Bushing	32	36	2
257-9	Washer - Thrust	78	29	1
257-10	Washer	78	13	1
282-27	Clevis	10	22	1
283-16	Pin - Clevis	10	19	1
283-17	Pin - Clevis	85	34	1
283-49	Pin - Clevis	21	8	2
283-55	Pin - Clevis	50	5	4
283-55	Pin - Clevis	55	5	4
283-55	Pin - Clevis	61	31	4
283-55	Pin - Clevis	69	30	4
283-58	Pin - Clevis	2	44	1
283-58	Pin - Clevis	5	17	4
283-58	Pin - Clevis	10	23	1
283-69	Pin - Clevis	57	15	1
283-69	Pin - Clevis	64	15	2
283-69	Pin - Clevis	71	15	2
285-17	Plug - Pipe	18	28	4
289-6	Nipple - Pipe	15	45	1
2810-1	Coupler	15	46	1
302-2	Fitting - Grease	66	37	3
302-2	Fitting - Grease	48	23	3
302-2	Fitting - Grease	53	15	3
302-2	Fitting - Grease	58	33	3
302-5	Fitting - Grease	5	30	2
302-5	Fitting - Grease	27	11	3
302-5	Fitting - Grease	32	32	1
302-5	Fitting - Grease	50	29	2
302-5	Fitting - Grease	55	29	2
302-5	Fitting - Grease	61	14	2
302-5	Fitting - Grease	69	13	2
302-5	Fitting - Grease	82	11	8
302-5	Fitting - Grease	83	18	2
302-40	Fitting - Grease	50	6	2
302-55	Fitting - Grease	74	7	1
302-55	Fitting - Grease	86	2	2
302-58	Fitting - Grease	8	30	1
302-61	Fitting - Grease	50	18	2
302-61	Fitting - Grease	55	18	2
302-61	Fitting - Grease	61	22	2
302-61	Fitting - Grease	69	21	2
302-62	Fitting - Grease	13	29	2
302-62	Fitting - Grease	27	50	1
304-46	Drain Cock	12	28	1
304-46	Fitting - Drain	13	37	1
304-99	Fitting - 90° Elbow	10	27	2
321-3	Screw - Cap Hex. Hd.	5	21	1
321-3	Screw - Cap Hex. Hd.	31	37	4
321-3	Screw - Cap Hex. Hd.	32	14	2
321-3	Screw - Cap Hex. Hd.	75	30	13
321-3	Screw - Cap Hex. Hd.	77	21	13
321-4	Screw - Cap Hex. Hd.	8	9	4
321-4	Screw - Cap Hex. Hd.	10	38	2
321-4	Screw - Cap Hex. Hd.	12	16	4
321-4	Screw - Cap Hex. Hd.	20	21	2
321-4	Screw - Cap Hex. Hd.	21	12	4
321-4	Screw - Cap Hex. Hd.	27	8	1
321-4	Screw - Cap Hex. Hd.	31	35	1
321-4	Screw - Cap Hex. Hd.	76	26	7
321-4	Screw - Cap Hex. Hd.	78	22	3
321-4	Screw - Cap Hex. Hd.	79	12	3
321-5	Screw - Cap Hex. Hd.	13	16	3
321-6	Screw - Cap Hex. Hd.	22	69	1
321-6	Screw - Cap Hex. Hd.	79	4	3
321-8	Screw - Cap Hex. Hd.	21	38	2
321-8	Screw - Cap Hex. Hd.	85	29	1
321-9	Screw - Cap Hex. Hd.	20	3	2
321-11	Screw - Cap Hex. Hd.	10	16	2
321-14	Screw - Cap Hex. Hd.	85	4	3
321-39	Screw - Cap Hex. Hd.	1	4	7
322-2	Screw - Cap Hex. Hd.	76	40	2
322-2	Screw - Cap Hex. Hd.	79	5	5
322-3	Screw	62	2	6
322-3	Screw - Cap Hex. Hd.	8	37	1
322-3	Screw - Cap Hex. Hd	25	11	4
322-3	Screw - Cap Hex. Hd.	75	23	2
322-3	Screw - Cap Hex. Hd	76	5	3
322-3	Screw - Cap Hex. Hd.	78	48	8
322-3	Screw - Cap Hex. Hd.	81	30	2
322-3	Screw - Cap Hex. Hd.	85	17	2
322-3	Screw - Cap Hex. Hd.	22	72	4
322-4	Screw	31	6	2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322-4	Screw - Cap Hex. Hd.	54	7	2
322-4	Screw - Cap Hex. Hd.	76	3	2
322-4	Screw - Cap Hex. Hd.	81	31	2
322-4	Screw - Cap Hex. Hd.	49	7	2
322-5	Screw - Cap Hex. Hd.	5	4	2
322-5	Screw - Cap Hex. Hd.	8	39	15
322-5	Screw - Cap Hex. Hd.	13	8	1
322-5	Screw - Cap Hex. Hd.	21	32	5
322-5	Screw - Cap Hex. Hd.	23	9	8
322-5	Screw - Cap Hex. Hd.	78	3	2
322-5	Screw - Cap Hex. Hd.	32	7	1
322-6	Screw - Cap Hex. Hd.	32	50	1
322-6	Screw - Cap Hex. Hd.	82	17	4
322-9	Screw - Cap Hex. Hd.	8	34	4
322-10	Screw - Cap Hex. Hd.	90	5	2
322-11	Screw - Cap Hex. Hd.	31	21	1
322-11	Screw - Cap Hex. Hd.	81	19	2
322-17	Screw - Cap Hex. Hd.	20	18	1
322-33	Screw - Cap Hex. Hd.	21	5	6
323-4	Screw - Cap Hex. Hd.	54	16	4
323-4	Screw - Cap Hex. Hd.	58	26	4
323-4	Screw - Cap Hex. Hd.	59	59	2
323-4	Screw - Cap Hex. Hd.	63	3	11
323-4	Screw - Cap Hex. Hd.	66	34	6
323-4	Screw - Cap Hex. Hd.	70	2	10
323-4	Screw - Cap Hex. Hd.	49	16	4
323-6	Screw - Cap Hex. Hd.	31	25	1
323-6	Screw - Cap Hex. Hd.	52	1	8
323-6	Screw - Cap Hex. Hd.	76	37	6
323-6	Screw - Cap Hex. Hd.	79	1	4
323-6	Screw - Cap Hex. Hd.	82	27	4
323-6	Screw - Cap Hex. Hd.	58	39	2
323-7	Screw - Cap Hex. Hd.	66	48	4
323-7	Screw - Cap Hex. Hd.	75	18	2
323-7	Screw - Cap Hex. Hd.	76	39	1
323-7	Screw - Cap Hex. Hd.	77	14	2
323-7	Screw - Cap Hex. Hd.	81	21	7
323-8	Screw - Cap Hex. Hd.	18	29	2
323-8	Screw - Cap Hex. Hd.	31	26	1
323-9	Screw - Cap Hex. Hd.	8	3	2
323-9	Screw - Cap Hex. Hd.	24	3	2
323-10	Screw - Cap Hex. Hd.	8	27	2
323-10	Screw - Cap Hex. Hd.	18	43	4
323-10	Screw - Cap Hex. Hd.	81	24	1
323-11	Screw - Cap Hex. Hd.	8	41	3
323-11	Screw - Cap Hex. Hd.	81	18	4
323-18	Screw - Cap Hex. Hd.	8	14	1
323-19	Screw - Cap Hex. Hd.	78	47	2
323-29	Screw - Cap Hex. Hd.	7	15	1
323-34	Screw - Cap Hex. Hd.	32	43	1
323-39	Screw - Cap Hex. Hd.	17	28	3
323-39	Screw - Cap Hex. Hd.	20	14	2
324-5	Screw - Cap Hex. Hd.	13	27	4
324-23	Screw - Cap Hex. Hd.	14	14	4
324-23	Screw - Cap Hex. Hd.	18	35	2
325-5	Screw - Cap Hex. Hd.	27	6	2
325-5	Screw - Cap Hex. Hd.	82	14	2
325-5	Screw - Cap Hex. Hd.	91	8	4
325-6	Screw - Cap Hex. Hd.	82	18	2
325-6	Screw - Cap Hex. Hd.	89	5	1
325-6	Screw - Cap Hex. Hd.	90	6	6
325-7	Screw - Cap Hex. Hd.	91	4	2
325-8	Screw - Cap Hex .Hd.	65	1	2
325-8	Screw - Cap Hex. Hd.	72	1	2
325-14	Screw - Cap Hex. Hd.	72	6	4
325-14	Screw - Cap Hex. Hd.	92	3	8
325-17	Screw - Cap Hex. Hd.	60	13	2
325-17	Screw - Cap Hex. Hd.	68	13	2
325-19	Screw - Cap Hex Hd.	50	14	2
325-19	Screw - Cap Hex. Hd.	55	14	2
325-19	Screw - Cap Hex. Hd.	61	18	2
325-19	Screw - Cap Hex. Hd.	69	17	2
325-32	Screw - Cap Hex Hd.	50	4	6

Part No.	Description	Pg. No.	Ref. No.	Qty.
325-32	Screw - Cap Hex. Hd.	55	4	6
325-32	Screw - Cap Hex. Hd.	76	49	2
325-32	Screw - Cap Hex. Hd.	61	2	6
325-32	Screw - Cap Hex. Hd.	69	2	6
328-7	Screw - Cap Hex. Hd.	10	32	2
328-25	Screw - Cap Hex. Hd.	27	41	1
3210-5	Screw - Cap Hex. Hd.	17	12	4
3210-7	Screw - Cap Hex. Hd.	14	23	8
3210-7	Screw - Cap Hex. Hd.	20	4	1
3210-8	Screw - Cap Hex. Hd.	17	24	2
3211-8	Screw - Cap Hex. Hd.	48	44	1
3211-8	Screw - Cap Hex. Hd.	53	13	1
3211-8	Screw - Cap Hex. Hd.	58	8	1
3211-8	Screw - Cap Hex. Hd.	66	6	1
3211-9	Screw - Cap Hex. Hd.	58	32	1
3211-9	Screw - Cap Hex. Hd.	66	31	1
3211-15	Screw - Cap Hex. Hd.	48	47	2
3212-5	Screw	32	25	1
3214-5	Screw - Cap Hex. Hd.	13	35	4
3217-5	Nut - Hex.	31	47	1
3217-6	Nut - Hex	23	5	4
3217-6	Nut - Hex.	50	24	8
3217-6	Nut - Hex.	55	24	8
3217-6	Nut - Hex.	61	28	8
3217-6	Nut - Hex.	69	29	8
3217-9	Nut - Hex.	56	2	2
3217-9	Nut - Hex.	65	5	2
3217-9	Nut - Hex.	72	5	6
3217-9	Nut - Hex.	89	9	10
3217-16	Nut - Hex.	20	11	2
3218-3	Nut - Jam	17	42	2
3218-3	Nut - Jam	75	21	2
3218-3	Nut - Jam	77	16	2
3218-5	Nut	92	1	8
3218-5	Nut - Hex. Jam	56	3	2
3218-5	Nut - Jam	89	6	1
3219-2	Nut	14	2	8
3219-2	Nut - Hex.	20	6	1
3219-6	Nut - Hex.	13	32	4
3220-2	Nut - Jam	32	21	1
3220-2	Nut - Jam, R.H.	10	21	1
3220-3	Nut - Jam	7	13	1
3220-3	Nut - Jam	27	43	8
3220-5	Nut - Jam	83	23	2
3220-5	Nut - Jam R.H.	27	33	2
3220-6	Nut	6	27	1
3220-6	Nut -Hex.	5	5	1
3220-12	Nut - Jam L.H.	27	31	2
3220-12	Nut - Jam, L.H. Thd.	83	25	2
3230-1	Bolt - Carriage	52	5	1
3230-1	Bolt - Carriage	75	25	4
3230-1	Bolt - Carriage	76	43	2
3230-2	Bolt - Carriage	9	67	2
3230-2	Bolt - Carriage	31	13	1
3230-2	Bolt - Carriage	63	4	1
3230-2	Bolt - Carriage	70	1	1
3230-2	Bolt - Carriage	83	10	9
3230-2	Carriage - Bolt	20	12	2
3230-4	Bolt - Carriage	32	35	2
3230-20	Bolt - Carriage	51	3	5
3230-23	Bolt - Carriage	1	28	4
3230-23	Bolt - Carriage	31	9	2
3230-23	Bolt - Carriage	48	46	4
3231-22	Bolt - Carriage	53	21	18
3231-22	Bolt - Carriage	54	20	4
3231-22	Bolt - Carriage	66	46	20
3231-22	Bolt - Carriage	78	37	2
3231-22	Bolt - Carriage	48	29	18
3231-22	Bolt - Carriage, Short Neck	58	43	20
3231-26	Bolt - Carriage	49	26	4
3231-26	Bolt - Carriage	54	27	4
3231-26	Bolt - Carriage	59	66	4
3231-26	Bolt - Carriage	66	25	4

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PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3231-27	Bolt - Carriage	49	20	4
3231-27	Bolt - Carriage	59	65	4
3231-27	Bolt - Carriage	60	11	4
3231-27	Bolt - Carriage	66	30	4
3231-27	Bolt - Carriage	68	11	4
3231-27	Bolt - Carriage	78	32	4
3233-2	Bolt - Carriage	89	11	10
3233-14	Bolt - Carriage	83	14	2
3234-5	Screw - Flange Hd.	12	8	8
3234-11	Screw - Flange	75	26	2
3234-11	Screw - Flange Hd.	77	17	2
3234-11	Screw - Hex. Flange Hd.	57	6	2
3234-11	Screw - Hex. Flange Hd.	64	6	4
3234-11	Screw - Hex. Flange Hd.	71	6	4
3234-13	Screw - Flange Hd.	1	24	8
3234-13	Screw - Flange Hd.	9	74	1
3234-13	Screw - Flange Hd.	27	12	2
3234-13	Screw - Flange Hd.	13	22	2
3234-14	Screw - Cap Hex. Flange	24	5	6
3234-14	Screw - Flange	75	6	4
3234-14	Screw - Flange Hd.	1	21	8
3234-14	Screw - Flange Hd.	77	3	4
3234-17	Screw - Flange Hd.	12	4	2
3234-17	Screw - Flange Hd.	21	15	2
3234-19	Screw - Flange Hd.	61	35	6
3234-19	Screw - Flange Hd.	69	35	6
3234-25	Screw - Flange	27	1	4
3235-22	Screw - Cap Hex. Hd.	75	36	1
3235-22	Screw - Cap Hex. Hd.	77	28	1
3241-6	Screw - Set	17	13	2
3245-9	Screw - Set Socket Hd.	54	26	2
3245-9	Screw - Set, Socket Hd.	49	25	1
3245-9	Screw - Set, Socket Hd.	59	61	2
3245-9	Screw - Set, Socket Hd.	67	63	2
3246-1	Screw - Set	8	21	1
3249-11	Screw - Round Hd.	20	8	2
3250-39	Screw - Pan Head	32	18	2
3253-3	Washer - Lock	8	10	4
3253-3	Washer - Lock	10	8	2
3253-3	Washer - Lock	13	15	5
3253-3	Washer - Lock	21	13	2
3253-3	Washer - Lock	31	36	5
3253-3	Washer - Lock	75	37	4
3253-3	Washer - Lock	77	29	4
3253-4	Washer - Lock	9	76	4
3253-4	Washer - Lock	23	8	8
3253-4	Washer - Lock	25	10	4
3253-4	Washer - Lock	32	49	1
3253-4	Washer - Lock	50	25	8
3253-4	Washer - Lock	61	29	8
3253-4	Washer - Lock	69	28	8
3253-4	Washer - Lock	85	18	1
3253-4	Washer -Lock	55	25	8
3253-5	Washer - Lock	82	29	2
3253-7	Washer - Lock	72	2	6
3253-7	Washer - Lock	89	10	10
3253-7	Washer - Lock	90	7	6
3253-7	Washer - Lock	92	2	8
3253-7	Washer - Lock	65	2	2
3253-8	Washer - Lock	13	13	4
3253-15	Washer - Lock	13	5	5
3253-21	Washer - Flat	49	15	4
3253-21	Washer - Lock	8	15	3
3253-21	Washer - Lock	17	31	4
3253-21	Washer - Lock	20	13	2
3253-21	Washer - Lock	52	2	8
3253-21	Washer - Lock	54	15	4
3253-21	Washer - Lock	58	25	4
3253-21	Washer - Lock	63	2	10
3253-21	Washer - Lock	66	33	4
3253-21	Washer - Lock	70	3	10
3253-21	Washer - Lock	76	38	4
3253-21	Washer - Lock	79	2	4
3253-27	Washer - Lock	48	37	3
3253-27	Washer - Lock	53	30	3
3254-2	Washer - Lock, Int. Tooth	31	48	1
3254-9	Washer - Lock I.T.L.W.	20	10	2
3255-8	Washer - Lock	1	12	4
3255-8	Washer - Lock	14	3	8
3255-8	Washer - Lock, Ext. Tooth	8	46	1
3255-8	Washer - Lock, Ext. Tooth	21	39	1
3255-17	Washer - Lock	75	16	2
3255-17	Washer - Lock	77	12	2
3256-1	Washer - Flat	3	21	4
3256-2	Washer - Flat	25	9	8
3256-3	Washer - Flat	81	17	8
3256-4	Washer - Flat	76	48	1
3256-6	Washer - Flat	55	16	4
3256-6	Washer - Flat	61	20	4
3256-6	Washer - Flat	69	19	4
3256-6	Washer - Thrust	50	16	4
3256-13	Washer - Flat	12	29	7
3256-13	Washer - Flat	76	46	3
3256-14	Washer - Flat	81	3	5
3256-22	Washer - Flat	5	35	3
3256-22	Washer - Flat	10	7	2
3256-22	Washer - Flat	12	15	4
3256-22	Washer - Flat	21	18	9
3256-22	Washer - Flat	27	51	1
3256-22	Washer - Flat	78	21	1
3256-22	Washer - Flat	85	28	2
3256-23	Washer - Flat	5	1	4
3256-23	Washer - Flat	5	42	2
3256-23	Washer - Flat	10	1	1
3256-23	Washer - Flat	20	19	2
3256-23	Washer - Flat	31	20	1
3256-23	Washer - Flat	32	19	4
3256-23	Washer - Flat	76	14	2
3256-23	Washer - Flat	78	2	2
3256-24	Washer - Flat	7	16	1
3256-24	Washer - Flat	8	4	4
3256-24	Washer - Flat	17	44	1
3256-24	Washer - Flat	21	7	1
3256-24	Washer - Flat	28	56	2
3256-24	Washer - Flat	31	27	1
3256-24	Washer - Flat	32	22	2
3256-24	Washer - Flat	48	9	18
3256-24	Washer - Flat	53	24	18
3256-24	Washer - Flat	57	12	2
3256-24	Washer - Flat	58	49	
3256-24	Washer - Flat	64	12	4
3256-24	Washer - Flat	67	52	A/R
3256-24	Washer - Flat	71	12	4
3256-25	Washer - Flat	13	26	4
3256-26	Washer - Flat	5	14	1
3256-26	Washer - Flat	10	2	2
3256-26	Washer - Flat	17	2	1
3256-26	Washer - Flat	23	7	2
3256-26	Washer - Flat	72	7	8
3256-26	Washer - Flat	82	35	2
3256-26	Washer - Flat	83	20	2
3256-27	Washer - Flat	21	45	1
3256-27	Washer - Flat	48	12	1
3256-27	Washer - Flat	53	3	1
3256-27	Washer - Flat	58	11	1
3256-27	Washer - Flat	66	11	1
3256-28	Washer - Flat	27	22	2
3256-38	Washer - Flat	78	10	1
3256-56	Washer - Flat	76	6	3
3256-56	Washer - Flat	81	32	2
3256-57	Washer - Fender	81	33	4
3256-67	Washer - Flat	13	14	3
3256-69	Washer - Flat	22	77	1
3256-70	Washer - Flat	21	3	6
3256-71	Washer - Flat	17	21	2
3257-5	Key - Woodruff	8	19	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3257-5	Key - Woodruff	18	11	2
3257-5	Key - Woodruff	49	18	1
3257-5	Key - Woodruff	54	18	1
3257-5	Key - Woodruff	58	21	1
3257-5	Key - Woodruff	66	24	1
3257-5	Key - Woodruff	17	11	1
3257-40	Key - Hi Pro	75	13	1
3257-40	Key - Hi Pro	77	9	1
3258-19	Screw - Cap Hex. Hd.	21	30	2
3269-8	Rivet	12	31	7
3269-10	Washer	83	3	6
3272-4	Pin - Cotter	22	75	2
3272-4	Pin - Cotter	85	33	1
3272-5	Pin - Cotter	5	13	3
3272-5	Pin - Cotter	10	20	1
3272-6	Pin - Cotter	76	15	2
3272-10	Pin - Cotter	2	46	1
3272-10	Pin - Cotter	5	18	5
3272-10	Pin - Cotter	7	3	4
3272-10	Pin - Cotter	17	4	1
3272-11	Pin - Cotter	21	6	2
3272-11	Pin - Cotter	53	36	1
3272-11	Pin - Cotter	66	26	7
3272-11	Pin - Cotter	78	42	3
3272-11	Pin - Cotter	48	20	3
3272-11	Pin - Cotter	58	28	5
3272-13	Pin - Cotter	27	24	2
3272-15	Pin - Cotter	8	7	1
3272-17	Pin - Cotter	13	33	2
3272-23	Pin - Cotter	10	29	4
3272-23	Pin - Cotter	90	3	4
3272-31	Pin - Cotter	10	39	1
3274-31	Screw - Button Head	81	10	4
3274-32	Screw - Hex. Hd. Socket	1	13	4
3274-68	Screw - Socket Button Hd.	3	2	4
3290-55	Rivet	12	13	2
3290-55	Rivet - Pop	76	47	3
3290-126	Screw - Cap Hex. Hd.	21	2	4
3290-134	Screw - Cap Hex. Hd.	75	17	2
3290-134	Screw - Cap Hex. Hd.	77	13	2
3290-134	Screw - Cap Hex. Hd.	78	46	2
3290-134	Screw - Cap Hex. Hd.	83	8	10
3290-134	Screw - Mach. Hex. Hd.	81	5	5
3290-211	Washer - Spring	76	12	1
3290-211	Washer - Spring	76	23	1
3290-224	Washer - Lock	66	50	2
3290-224	Washer - Pyramidal	58	47	
3290-243	Pin - Lynch	89	3	2
3290-255	Pin - Hair, Cotter	21	11	1
3290-271	Rivet	2	48	4
3290-271	Rivet	77	34	4
3290-321	Screw - Hex Slotted Hd.	68	9	12
3290-321	Screw - Hex. Slotted Hd.	60	9	10
3290-321	Screw - Mach. Hex. Hd.	54	21	6
3290-321	Screw - Machine	49	21	6
3290-321	Screw - Machine	76	28	4
3290-355	Pin - Cotter, Hair	82	1	2
3290-355	Pin - Hair	50	3	4
3290-355	Pin - Hair Cotter	57	1	1
3290-355	Pin - Hair Cotter	64	1	2
3290-355	Pin - Hair Cotter	71	1	2
3290-355	Pin - Hair, Cotter	55	3	4
3290-355	Pin - Hair, Cotter	61	16	4
3290-355	Pin - Hair, Cotter	69	15	4
3290-357	Nut - Flange	48	11	2
3290-357	Nut - Flange	49	3	4
3290-357	Nut - Flange	54	3	4
3290-357	Nut - Flange	68	14	4
3290-357	Nut - Flange	70	7	6
3290-357	Nut - Flange	78	31	4
3290-357	Nut - Lock	58	7	12
3290-357	Nut - Lock	60	14	4
3290-357	Nut - Lock	66	7	14
3290-357	Nut - Lock, Flange	63	6	6
3290-359	Screw - Machine	1	9	4
3290-378	Tie - Cable	9	75	1
3290-378	Tie - Cable	22	61	1
3290-384	Pin - Disconnect	82	16	1
3290-384	Pin - Lynch	55	1	2
3290-384	Pin - Lynch	61	6	2
3290-384	Pin - Lynch	69	6	2
3290-384	Pin - Lynch	50	1	2
3290-409	Rivet	75	2	8
3290-409	Rivet	77	32	6
3290-409	Rivet - Pop	81	25	21
3290-412	Rivet - Pop	81	6	14
3290-451	Washer - Belleville	78	26	1
3290-467	Pin - Hair, Cotter	83	15	2
3290-468	Pin - Hair, Cotter	56	5	2
3296-2	Nut - Lock	3	19	1
3296-2	Nut - Lock	50	30	4
3296-2	Nut - Lock	55	30	4
3296-2	Nut - Lock	61	13	4
3296-2	Nut - Lock	69	12	4
3296-2	Nut - Lock	81	4	5
3296-5	Nut - Lock	48	5	3
3296-5	Nut - Lock	53	9	1
3296-5	Nut - Lock	58	13	2
3296-5	Nut - Lock	66	14	2
3296-6	Nut - Lock	33	9	3
3296-8	Nut - Lock	85	26	1
3296-9	Nut - Lock	32	15	2
3296-12	Nut - Hex.	2	49	4
3296-12	Nut - Lock	21	49	4
3296-20	Nut - Lock	5	2	4
3296-23	Nut - Lock	83	22	2
3296-25	Nut - Lock	27	4	2
3296-25	Nut - Lock	82	22	4
3296-25	Nut - Lock	91	5	2
3296-25	Nut - Lock	91	5	4
3296-29	Nut - Hex.	25	17	4
3296-29	Nut - Hex.	76	7	2
3296-29	Nut - Lock	5	10	2
3296-29	Nut - Lock	8	25	12
3296-29	Nut - Lock	10	40	1
3296-29	Nut - Lock	20	20	3
3296-29	Nut - Lock	31	12	3
3296-29	Nut - Lock	32	9	2
3296-29	Nut - Lock	75	11	8
3296-29	Nut - Lock	77	7	8
3296-29	Nut - Lock	78	23	9
3296-29	Nut - Lock	79	6	6
3296-29	Nut - Lock	82	24	4
3296-29	Nut - Lock	85	20	1
3296-29	Nut - Lock	90	8	2
3296-33	Nut - Lock	53	4	1
3296-33	Nut - Lock	58	12	1
3296-33	Nut - Lock	66	12	1
3296-33	Nut -Lock	48	13	1
3296-39	Nut - Lock	7	11	1
3296-39	Nut - Lock	8	24	7
3296-39	Nut - Lock	17	39	2
3296-39	Nut - Lock	23	12	2
3296-39	Nut - Lock	31	22	2
3296-39	Nut - Lock	78	28	3
3296-42	Nut - Lock	5	25	1
3296-42	Nut - Lock	10	34	2
3296-42	Nut - Lock	12	11	4
3296-42	Nut - Lock	20	1	4
3296-42	Nut - Lock	21	4	4
3296-42	Nut - Lock	27	5	1
3296-42	Nut - Lock	32	11	2
3296-42	Nut - Lock	75	28	9
3296-42	Nut - Lock	77	19	9
3296-42	Nut - Lock	78	30	3
3296-42	Nut - Lock	79	13	6

*Not Illustrated

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3296-44	Nut - Lock	57	3	2
3296-44	Nut - Lock	64	3	4
3296-44	Nut - Lock	71	3	4
3296-44	Nut - Lock	75	27	2
3296-44	Nut - Lock	77	18	2
3296-47	Nut - Lock	51	1	5
3296-48	Nut - Lock	13	17	4
3296-51	Nut - Lock	10	24	2
3296-51	Nut - Lock	27	29	1
3296-59	Nut - Lock	32	23	1
3296-59	Nut - Lock	78	11	1
3296-357	Nut - Flange	53	2	2
32103-2	Nut - Wing	91	2	2
32105-1	Screw	3	17	1
32105-8	Screw	31	45	2
32105-12	Screw - Cap Hex. Hd.	83	33	8
32107-11	Nut - Square	21	28	2
32112-1	Retainer - Cap	84	1	2
32120-10	Ring - Retaining	31	4	1
32120-72	Ring - Retaining	17	37	1
32121-5	Pin - Roll	85	35	1
32121-6	Pin - Roll	7	7	1
32121-6	Pin - Roll	21	46	1
32121-8	Pin - Roll	76	33	1
32121-8	Pin - Roll	78	50	1
32121-32	Pin - Roll	32	39	1
32121-34	Pin - Roll	8	33	1
32121-50	Pin - Roll	5	24	1
32121-91	Pin	18	14	3
32122-24	Screw - Machine	13	4	5
32122-28	Screw - Mach. Truss Hd.	50	32	4
32122-28	Screw - Mach. Truss Hd.	55	32	4
32122-28	Screw - Mach. Truss Hd.	61	12	4
32122-28	Screw - Mach. Truss Hd.	69	11	4
32128-4	Nut - Flange	1	6	11
32128-7	Nut - Flange	49	24	6
32128-17	Nut - Flange	54	24	4
32128-17	Nut - Flange	60	7	10
32128-17	Nut - Flange	76	30	4
32128-17	Nut - Flange	83	6	18
32128-17	Nut - Lock	68	7	12
32128-19	Nut - Lock, Flange	24	2	2
32128-20	Nut - Flange	1	25	4
32128-20	Nut - Flange	9	72	5
32128-20	Nut - Flange	21	26	9
32128-20	Nut - Flange	31	8	3
32128-20	Nut - Flange	49	5	2
32128-20	Nut - Flange	62	1	6
32128-20	Nut - Flange	70	6	1
32128-20	Nut - Flange	78	19	2
32128-20	Nut - Flange	83	5	9
32128-20	Nut - Flange	54	5	2
32128-20	Nut - Lock	12	3	6
32128-20	Nut - Lock	13	10	1
32128-20	Nut - Lock	48	3	
32128-20	Nut - Lock	84	9	1
32128-21	Nut - Flange	48	33	18
32128-21	Nut - Flange	53	26	18
32128-21	Nut - Flange	59	54	18
32128-21	Nut - Flange	67	53	18
32128-23	Nut - Flange	76	*	2
32128-25	Nut - Lock, Flange	25	21	4
32128-33	Nut - Flange Hd.	85	31	3
32128-33	Nut - Hex. Flange	22	76	2
32128-40	Nut - Flange	50	34	6
32128-40	Nut - Flange	55	34	6
32128-40	Nut - Flange	61	34	6
32128-40	Nut - Flange	69	34	6
32128-43	Nut - Lock	76	34	2
32128-43	Nut - Lock	78	43	2
32128-45	Nut - Flange Lock	27	49	1
32128-49	Nut - Flange	7	12	2
32136-5	Nut - Castle	27	23	2
32144-1	Screw - Hex. Hd.	3	20	2
32144-21	Screw - Pan Hd. Phillips	5	41	1
32146-18	Nut	78	35	2
32146-20	Nut - Hex. Jam	66	38	3
32146-20	Nut - Hex. Lock, Jam	53	16	3
32146-20	Nut - Jam	58	34	3
32146-20	Nut - Lock	48	24	3
32149-1	Nut - Keps	32	31	2
32149-1	Nut -Lock	9	65	2
32149-7	Nut - Keps	31	46	2
32151-36	Ring - Retaining	27	15	2
32151-46	Ring - Retaining	18	1	2
32151-48	Ring - Retaining	82	32	2
32151-77	Ring - Retaining	28	53	1
32151-79	Ring - Retaining	85	14	1
32151-83	Ring - Retaining	85	10	1
32151-83	Snap Ring	32	47	2
32152-1	Nut - Lock	75	20	6
32152-1	Nut - Lock	76	4	10
32152-1	Nut - Lock	81	22	6
32152-2	Nut	82	25	2
32152-2	Nut - Lock	81	16	12
32152-4	Nut - Lock	76	9	5
32152-5	Nut - Lock	17	14	6
32153-2	Nut	49	12	4
32153-2	Nut	54	13	4
32153-2	Nut - Flange	58	16	4
32153-2	Nut - Lock	66	17	4
32153-4	Nut - Lock	76	31	2
32153-5	Nut - Lock	50	26	2
32153-5	Nut - Lock	55	26	2
32153-5	Nut - Lock	60	4	2
32153-5	Nut - Lock	61	30	2
32153-5	Nut - Lock	68	4	2
32153-5	Nut - Lock	69	27	2
32153-6	Nut - Hex Lock	27	38	1
340-2	Fitting - Straight	10	10	1
340-70	Nut - Fitting	10	35	1
340-71	Fitting - Bulkhead	10	36	1
340-77	Fitting	85	23	2
340-77	Fitting - 90° Elbow	10	*	1
340-77	Fitting - 90° Elbow	10	17	2
340-86	Fitting - Tee	10	26	1
340-92	Fitting	85	6	4
340-92	Fitting - Straight	27	46	1
340-103	Fitting - 45° Elbow	27	44	1
353-781	Fitting 90°	8	11	1
353-783	Fitting - Straight	8	44	1
353-979	Hose Barb	17	8	1
353-984	Plug - Dust	85	21	1
353-985	Cap - Dust	85	13	1
354-18	Fitting - Straight	15	30	1
354-20	Block	12	32	1
354-21	Fitting	12	34	1
354-22	Fitting	12	33	2
354-71	Pipe Nipple	15	43	1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 223D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 223D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:
1. Model and serial number of the Groundsmaster 223D.
2. Part number, description, and the 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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