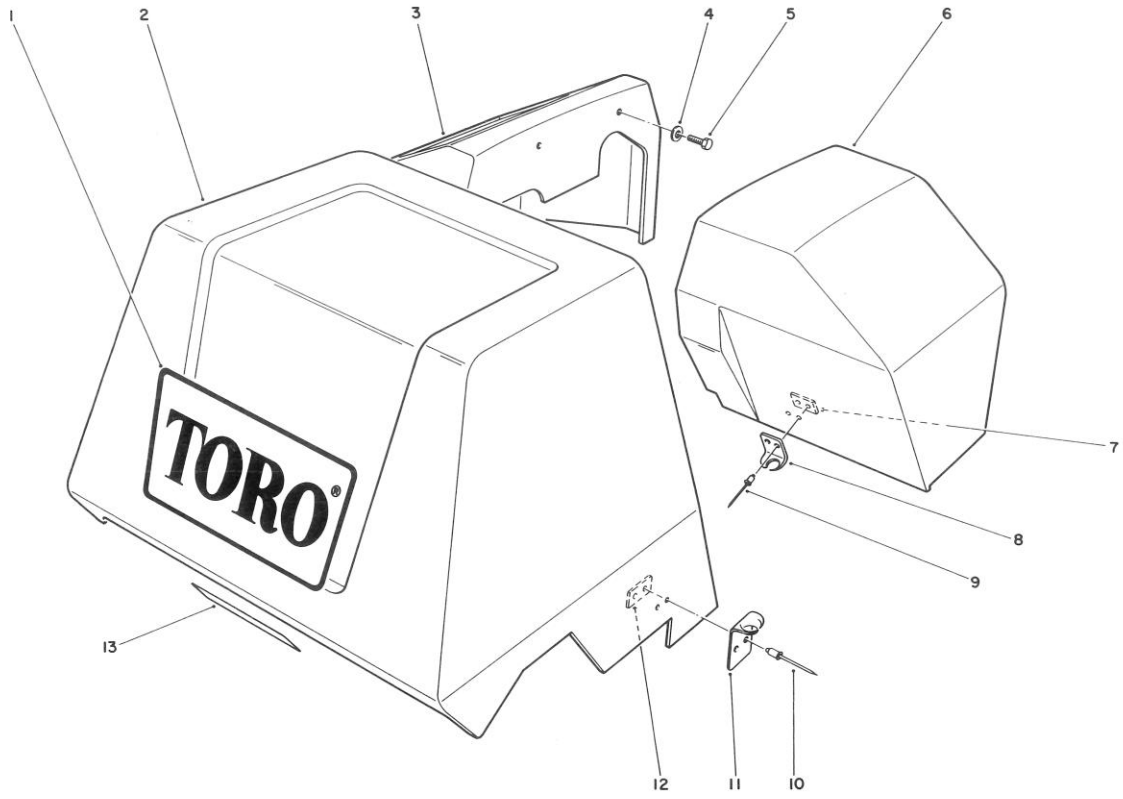
FORM NO. 3312-850

TORO®

MODEL NO. 09100-60001 & UP

PARTS CATALOG

GREENS AERATOR



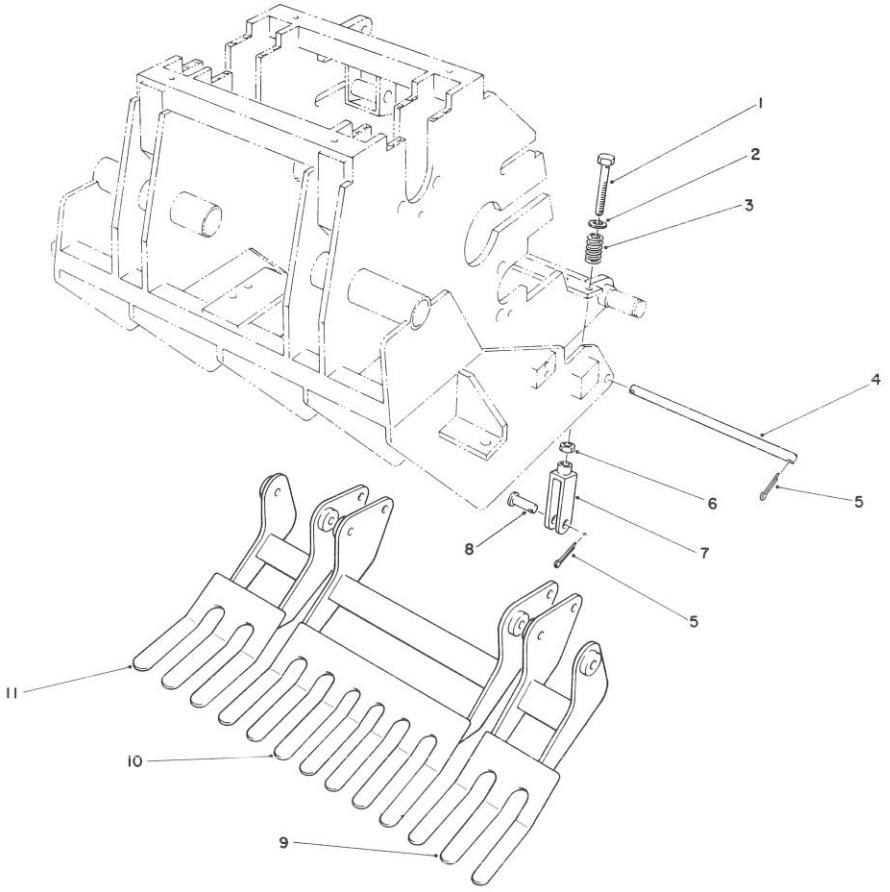
COVERS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59-4350	Decal — Toro	1
2	59-3350	Cover — Coring Head	1
3	59-3370	Cover — Controls	1
4	3256-22	Washer — Flat	4
5	321-4	Screw — Cap Hex. Hd.	4
6	59-3390	Cover — Clutch	1
7	59-9610	Plate — Backup	3

Ref. No.	Part No.	Description	No. Used
8	249-40	Keeper — Reverse	3
9	3269-8	Rivet — Pop	6
10	3269-4	Rivet — Pop	4
11	249-38	Keeper	2
12	59-9611	Plate — Backup	2
13	59-9930	Decal — Danger	1

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PRICE $1.00

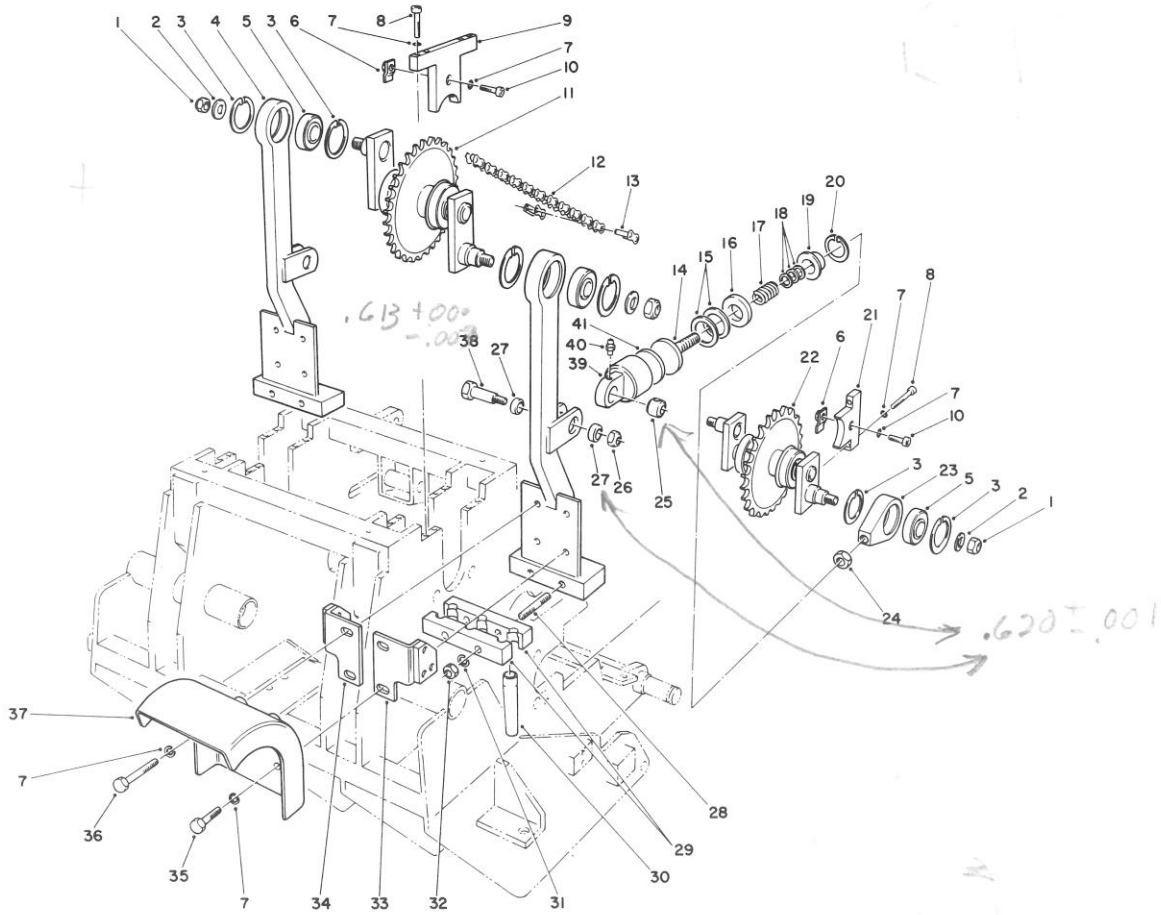


TURF GUARD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3211-13	Screw — Cap Hex. Hd.	4
2	3256-24	Washer — Plain	4
3	59-3490	Spring — Compression	4
4	59-2770	Rod — Pivot	2
5	3272-6	Pin — Cotter	8
6	3220-3	Nut — Jam	4

Ref. No.	Part No.	Description	No. Used
7	282-1	Clevis	4
8	283-2	Pin — Clevis	4
9	59-2250	Turf Guard — R.H.	1
10	59-2240	Turf Guard — Center	1
11	59-2260	Turf Guard — L.H.	1

12-3829-01
12-3819

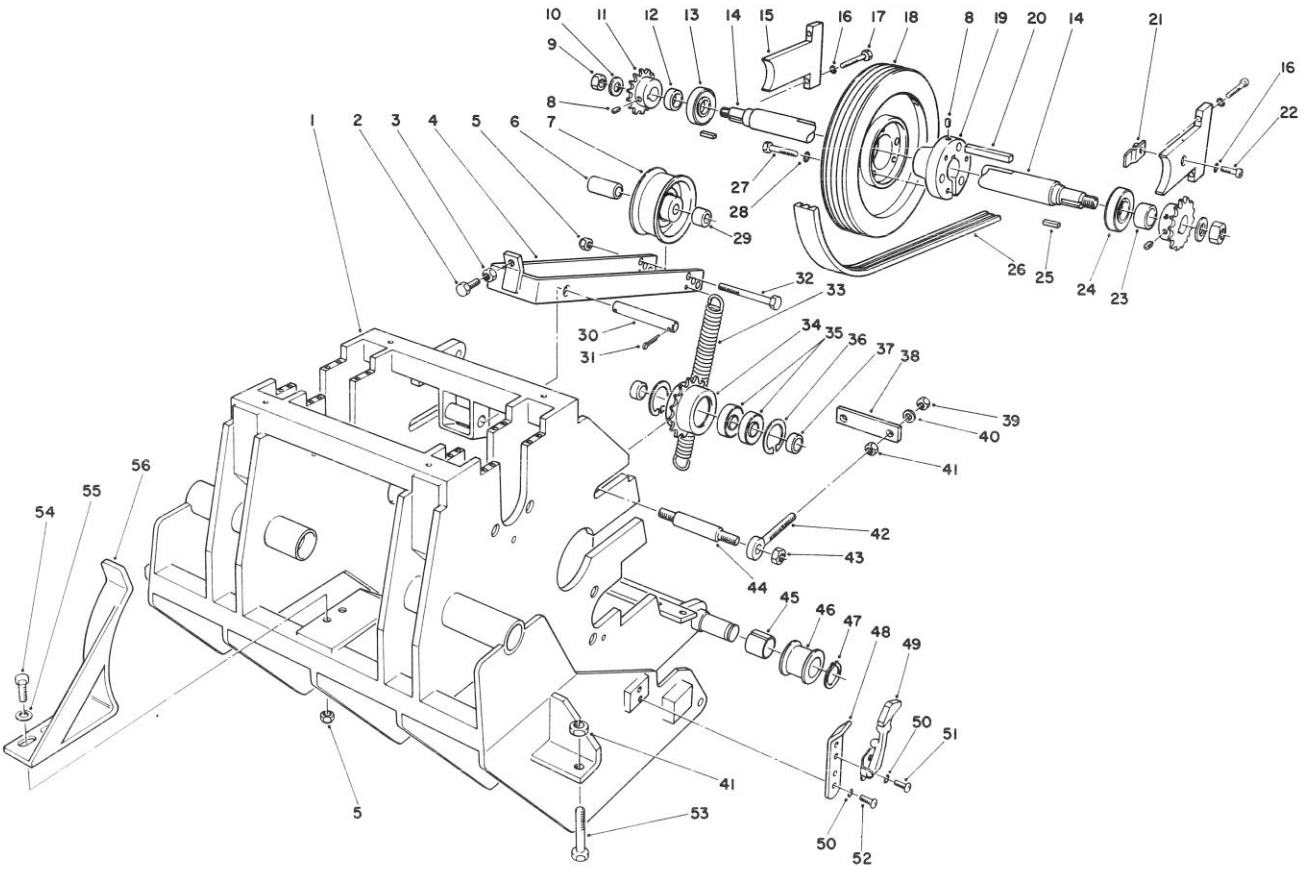


TINE ARM & CRANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-50	Nut — Hex.	8
2	3256-44	Washer — Plain	8
3	32120-22	Ring — Retaining	16
4	59-2440	Arm — Tine (Incl. Ref. #27)	4
5	251-312	Bearing	8
6	59-2710	Clip — Retaining	12
7	3253-21	Washer — Lock	52
8	3274-50	Screw — Hex. Socket Hd.	24
9†		Cap — Bearing	4
10	3274-7	Screw — Hex. Socket Hd.	12
11	59-1770	Crank Assembly — Long	2
12	59-2080	Chain — Roller	2
13	287-13	Link — Connecting	2
14	59-3460	Rod — Ram	4
15	59-9600	Spacer — Damper (Large)	8
16	59-3480	Cushion	4
17	59-3490	Spring — Compression	4
18	59-9590	Spacer — Damper (Small)	12
19	59-3450	Retainer	4
20	32151-75	Ring — Retaining	4
21†		Cap — Bearing	4
22	59-1820	Crank Assembly — Short	2

Ref. No.	Part No.	Description	No. Used
23	59-3410	Retainer — Bearing	4
24	3218-6	Nut — Jam	4
25	59-3520	Bushing — Long	4
26	3296-28	Nut — Lock	4
27	59-3510	Bushing — Short	8
28	59-2460	Stud	8
29	59-2500	Block	8
30	59-3670	Tine — 5/8"	12
*	59-3680	Tine — 1/2"	12
*	59-3690	Tine — 3/8"	12
31	3253-7	Washer — Lock	8
32	3217-9	Nut — Hex.	8
33	59-2510	Wear Plate — R.H.	4
34	59-2540	Wear Plate — L.H.	4
35	323-6	Screw — Cap Hex. Hd.	8
36	323-11	Screw — Cap Hex. Hd.	8
37	59-4220	Deflector — Kickout	4
38	59-3500	Bolt — Shoulder	4
39	59-3420	Housing	4
40	302-2	Fitting — Grease	4
41	59-3470	Cushion	4

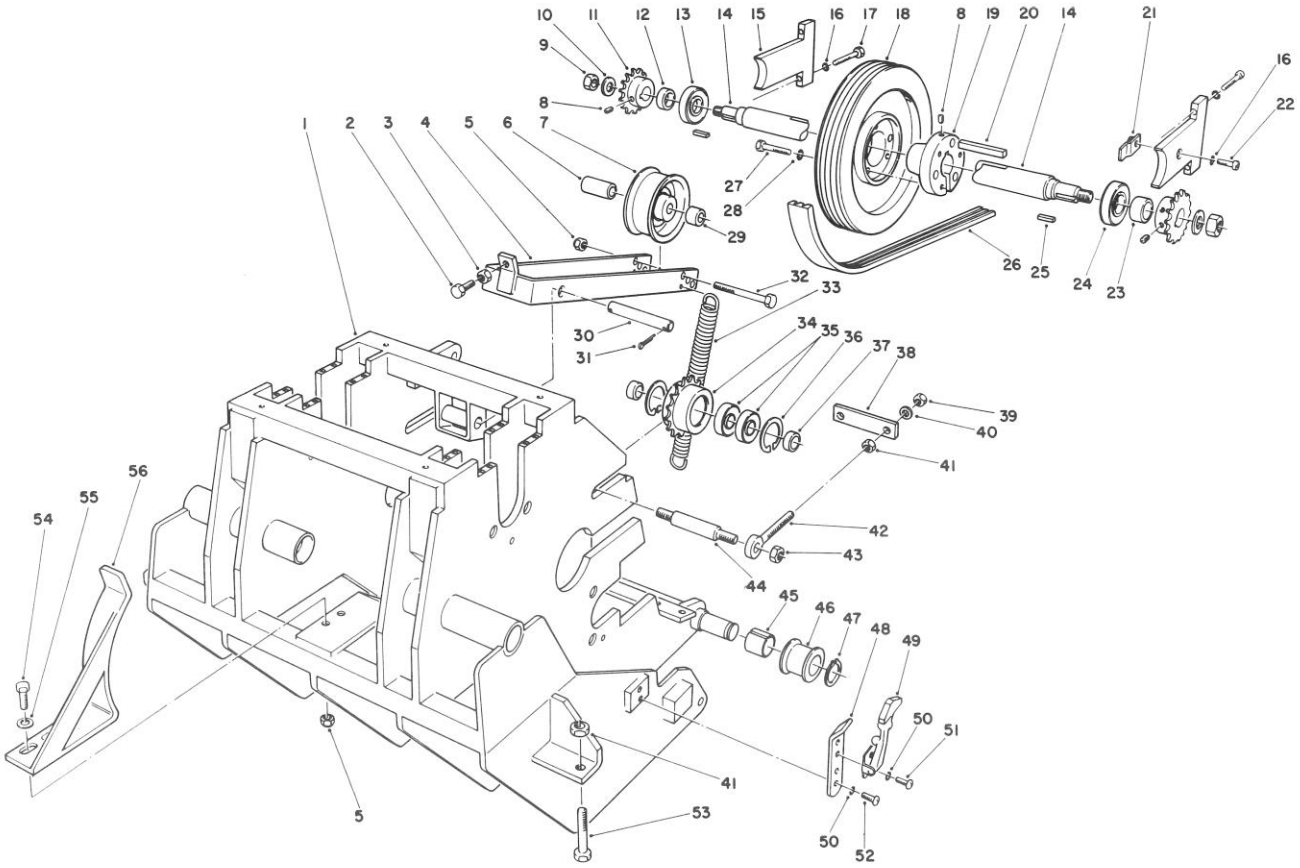
† Included with Coring Head Frame Assembly #59-1730.
* Not Illustrated



CORING HEAD DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59-1730	Coring Head Frame Assembly (Incl. Ref. #15)	1
2	3211-5	Screw — Cap Hex. Hd.	1
3	3220-3	Nut — Jam	1
4	59-2590	Bracket — Idler	1
5	3296-59	Nut — Lock	3
6	59-2580	Spacer — Long	1
7	37-5760	Pulley — Idler	1
8	3245-9	Screw — Set	5
9	3296-50	Nut — Lock	2
10	3256-44	Washer — Plain	2
11	59-2680	Sprocket	2
12	59-2670	Spacer — Short	1
13	251-312	Bearing	1
14	59-2650	Shaft — Power	1
15		Cap — Bearing	2
16	3253-21	Washer — Lock	7
17	3274-50	Screw — Cap Socket Hd.	4
18	59-2130	Pulley — Drive	1
19	59-3790	Bushing (Incl. Ref. #8, 27 & 28)	1
20	59-4210	Key	1
21	59-2710	Clip — Retaining	3

Ref. No.	Part No.	Description	No. Used
22	3274-7	Screw — Cap Socket Hd.	3
23	59-2660	Spacer — Long	1
24	251-313	Bearing	1
25	5-4916	Key	2
26	59-4180	Belt — Drive	1
27	322-10	Screw — Cap Hex. Hd.	3
28	3253-4	Washer — Lock	3
29	59-2570	Spacer — Short	1
30	59-2760	Rod — Pivot	1
31	3272-6	Pin — Cotter	2
32	323-42	Screw — Cap Hex. Hd.	1
33	5-1706	Spring — Extension	2
34	59-2390	Sprocket	2
35	251-53	Bearing	4
36	32120-11	Ring — Retaining	4
37	59-2600	Spacer	4
38	59-2070	Bar — Keeper	2
39	3217-9	Nut — Hex.	4
40	3256-26	Washer — Plain	4
41	3218-5	Nut — Jam	6
42	59-2620	Bolt — Eye	2
43	3296-23	Nut — Lock	4

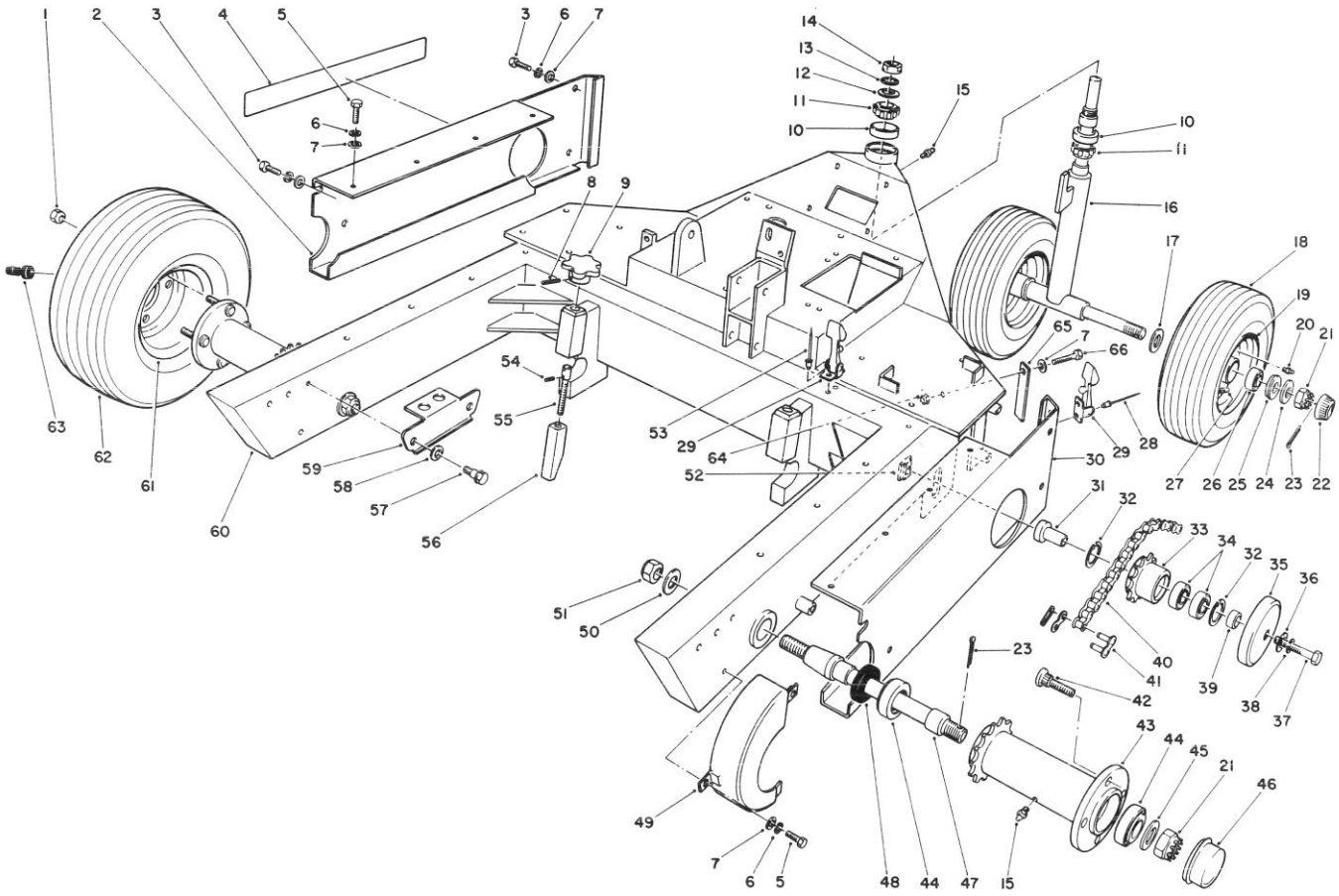


CORING HEAD DRIVE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	59-2610	Shaft	2
45	59-2360	Bushing — Split	2
46	59-2370	Sleeve	2
47	32151-77	Ring — Retaining	2
48	59-9640	Plate — Handle	2
49	59-9750	Latch Assembly	2
50	3253-12	Washer — Lock	8
51	3251-1	Screw — Round Hd.	4

Ref. No.	Part No.	Description	No. Used
52	3250-12	Screw — Round Hd.	4
53	325-9	Screw — Cap Hex. Hd.	2
54	323-4	Screw — Cap Hex. Hd.	2
55	3256-3	Washer — Plain	2
56	59-9660	Guide — Belt	1
*		Coring Head Stand Model No. 09152 (Optional)	1

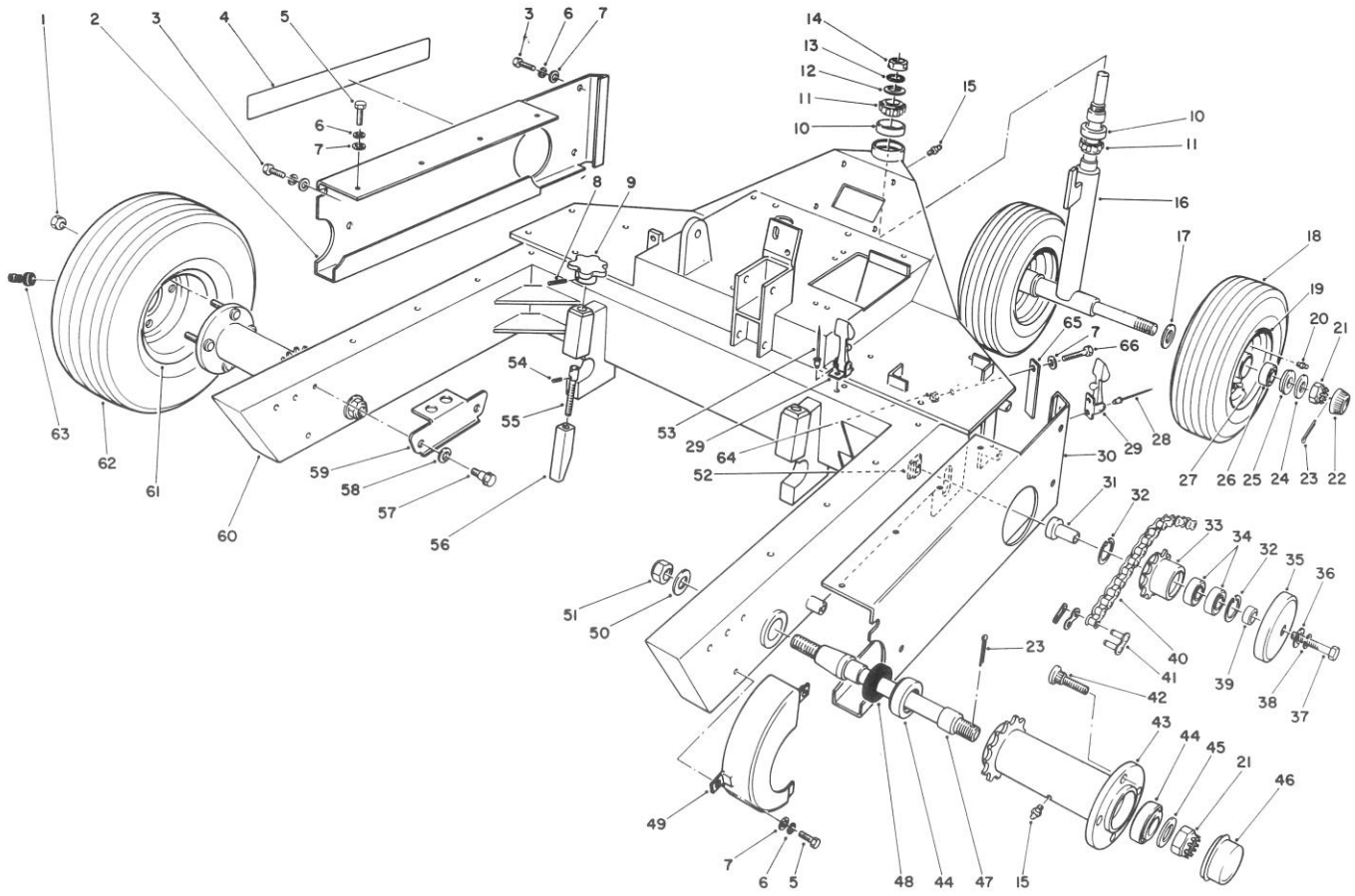
* Not Illustrated



CHASSIS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	242-50	Nut — Lug	8
2	59-3270	Guard — Chassis L.H.	1
3	321-2	Screw — Cap Hex. Hd.	8
4	59-4440	Decal — Greens Aerator	2
5	32104-42	Screw — Cap Hex. Hd.	10
6	3253-3	Washer — Lock	18
7	3256-1	Washer — Flat	20
8	32121-6	Pin — Roll	2
9	59-4380	Knob	2
10	254-61	Cup — Bearing	2
11	254-70	Cone — Bearing	2
12	3290-464	Washer — Tounged	1
13	3290-463	Washer — Lock	1
14	3290-462	Nut — Lock	1
15	302-2	Fitting — Grease	3
16	59-2160	Front Axle Assembly	1
17	22-6090	Washer — Thrust	2
18	231-86	Tire	2
19	241-123	Rim	2
20	302-5	Fitting — Grease	2
21	32136-5	Nut — Hex. Slotted	4
22	28-0060	Cap — Hub	2

Ref. No.	Part No.	Description	No. Used
23	3272-13	Pin — Cotter	4
24	28-2480	Washer	2
25	59-9650	Retainer — Bearing	4
26	252-105	Bearing — Roller	4
27	232-35	Stem — Valve	2
28	3290-271	Rivet — Pop	2
29	59-9740	Latch Assembly	3
30	59-3280	Guard — Chassis R.H.	1
31	59-2420	Bushing	2
32	32120-11	Ring — Retaining	4
33	59-2390	Sprocket — Idler	2
34	251-53	Bearing — Ball	4
35	59-9620	Cover — Idler	2
36	3256-26	Washer — Flat	2
37	325-13	Screw — Cap Hex. Hd.	2
38	3253-7	Washer — Lock	2
39	59-9630	Spacer	2
40	59-2090	Chain — Roller	2
41	287-13	Link — Connecting	2
42	10-6830	Stud — Drive	8
43	59-4040	Hub Assembly (Incl. Ref. #42)	2
44	254-105	Bearing — Roller	4

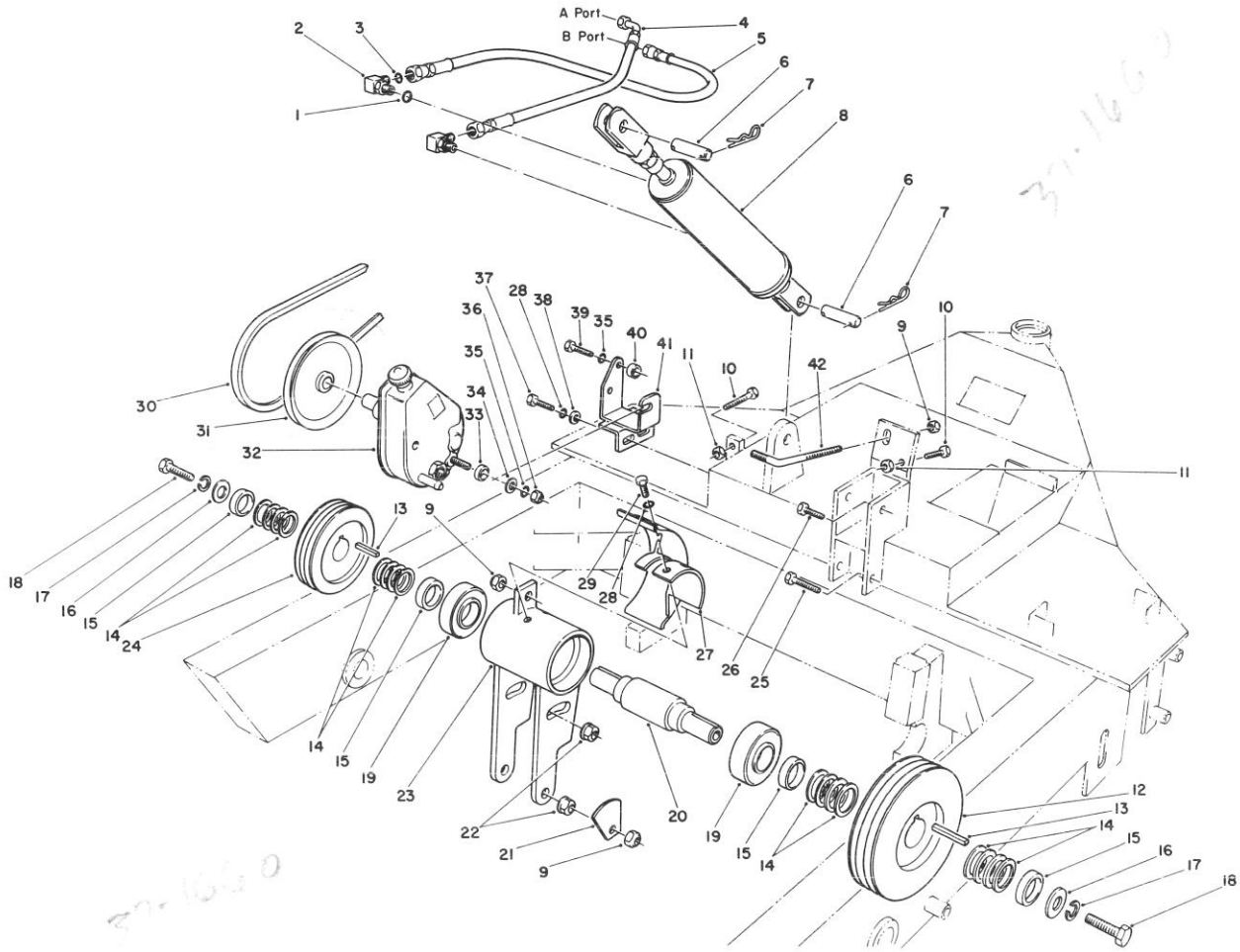


CHASSIS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	7-4150	Washer	2
46	59-2380	Cap — Dust	2
47	59-2700	Shaft	2
48	253-148	Seal — Shaft	2
49	59-3240	Guard — Sprocket R.H.	1
*	59-3210	Guard — Sprocket L.H.	1
50	3256-44	Washer — Flat	2
51	3296-15	Nut — Lock	2
52	59-2430	Nut — Special	2
53	3269-8	Rivet — Pop	4
54	32121-4	Pin — Roll	2
55	59-2740	Shaft — Threaded	2

Ref. No.	Part No.	Description	No. Used
56	59-2750	Block	2
57	5-2490	Bolt — Shoulder	2
58	3-3287	Spacer	2
59	59-9450	Bracket — Lockup	2
60	59-1740	Chassis Assembly	1
61	217-60	Rim	2
62	231-119	Tire	2
63	232-24	Stem — Valve	2
64	3296-42	Nut — Lock	2
65	59-9460	Guide	2
66	321-8	Screw — Hex. Hd.	2
*	59-9920	Frame Gauge	1

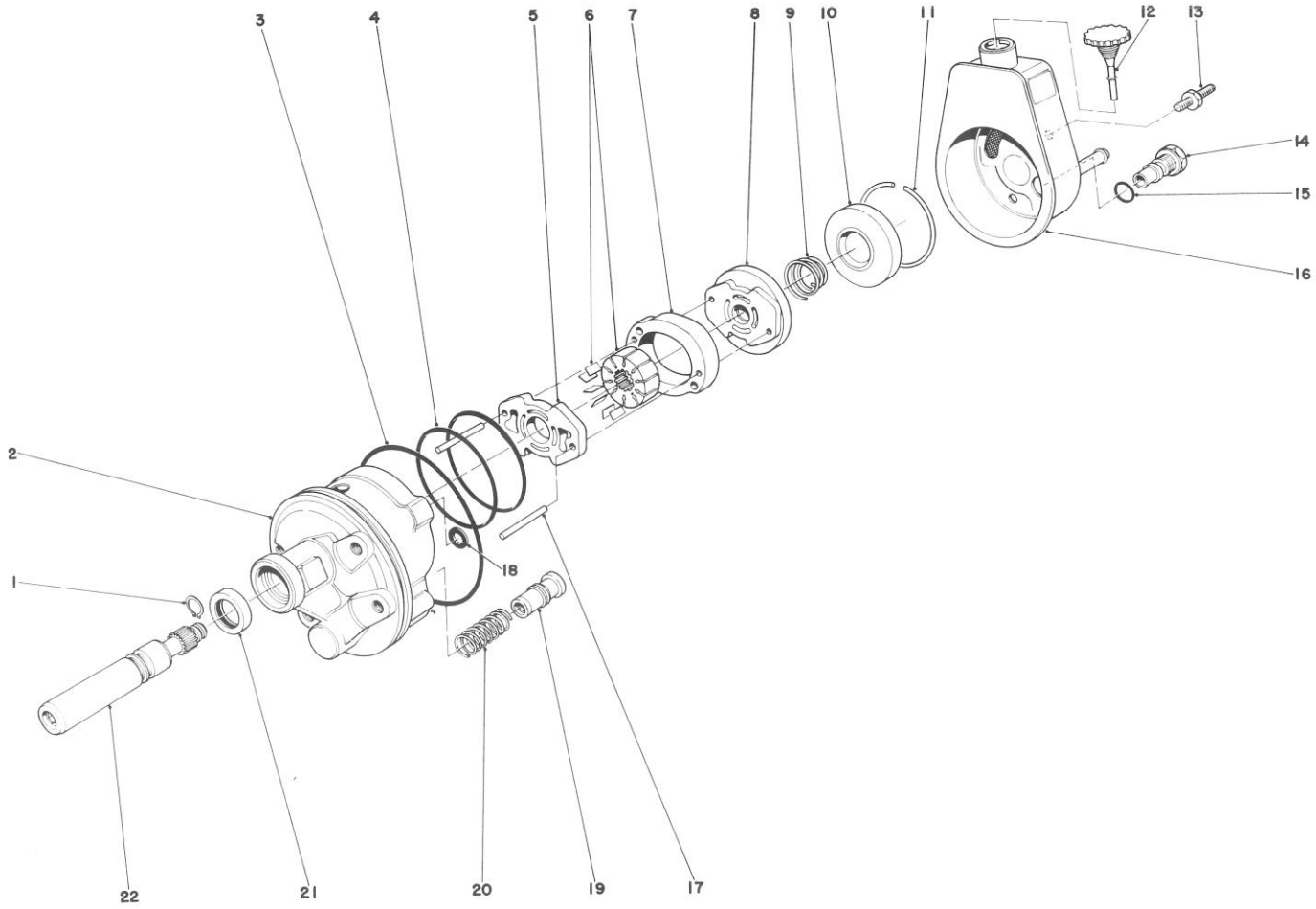
* Not Illustrated



HYDRAULIC SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-42	O-Ring	2
2	340-77	Fitting — 90° Elbow (Incl. Ref. #1 & 3)	2
3	237-22	O-Ring	2
4	59-4160	Hydraulic Hose Assembly	1
5	59-4170	Hydraulic Hose Assembly	1
6	59-3200	Pin — Lift Cylinder	2
7	3290-355	Pin — Hair	4
8	59-1750	Lift Cylinder Assembly	1
9	3296-39	Nut — Lock	3
10	323-32	Screw — Cap Hex. Hd.	2
11	3218-3	Nut — Jam	2
12	59-3810	Pulley	1
13	5-7280	Key	2
14	59-3830	Spacer — Thin	16
15	59-3820	Spacer — Thick	4
16	3256-6	Washer — Flat	2
17	3253-7	Washer — Lock	2
18	325-5	Screw — Cap Hex. Hd.	2
19	251-312	Bearing — Ball	2
20	59-3770	Shaft — Transfer	1
21	59-9850	Retainer — Cover	1

Ref. No.	Part No.	Description	No. Used
22	32128-36	Nut — Flange Lock	4
23	59-3730	Housing — Transfer Shaft	1
24	59-3800	Pulley	1
25	323-8	Screw — Cap Hex. Hd.	1
26	323-6	Screw — Cap Hex. Hd.	3
27	59-9700	Guide — Belt	1
28	3253-21	Washer — Lock	4
29	323-4	Screw — Cap Hex. Hd.	2
30	59-4200	V-Belt	1
31	38-1830	Pulley — Pump	1
32	44-7800	Pump Assembly	1
33	59-4310	Spacer	1
34	3256-25	Washer — Flat	1
35	3253-6	Washer — Lock	3
36	21-0360	Nut — Hex. (Metric)	1
37	32104-6	Screw — Cap Hex. Hd.	2
38	3256-24	Washer — Flat	2
39	48-9470	Screw — Cap Hex. Hd. (Metric)	2
40	59-4320	Spacer	2
41	59-4280	Bracket — Pump Support	1
42	59-3780	Rod — Adjustment	1



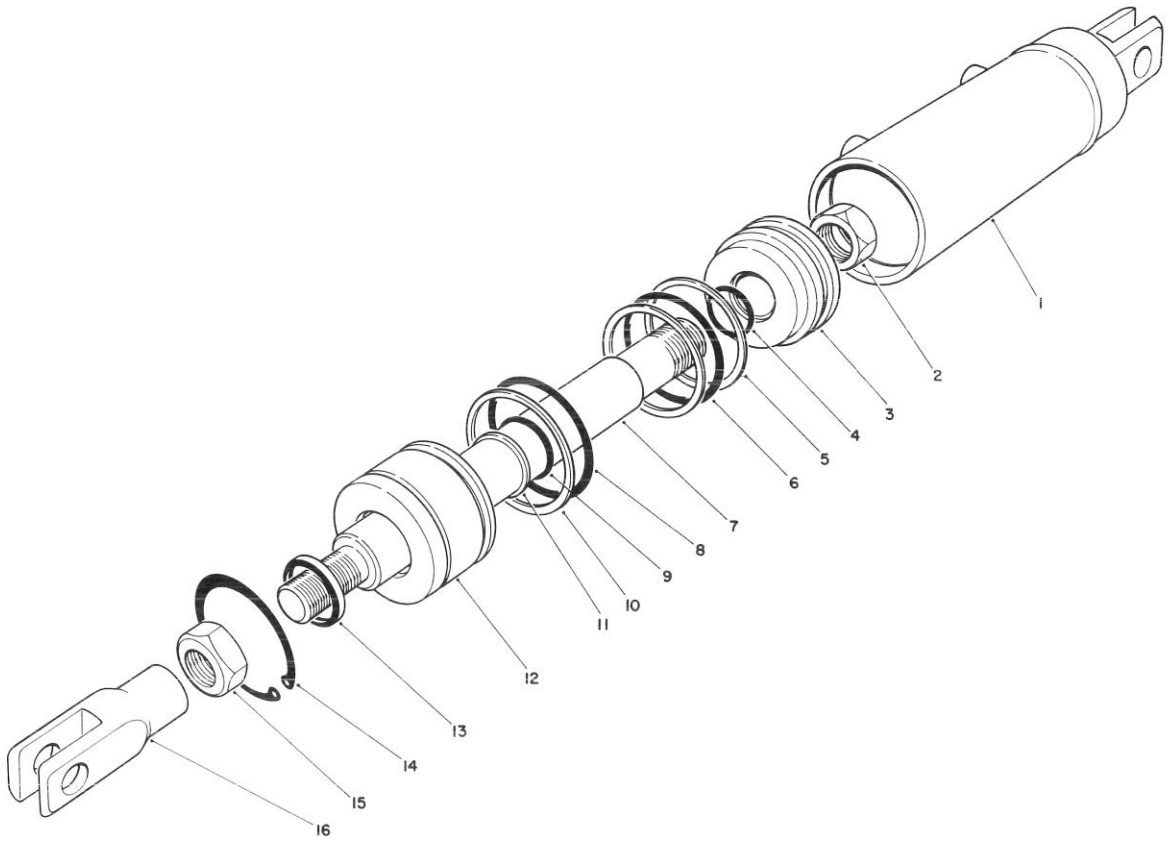
PUMP ASSEMBLY NO. 44-7800

Ref. No.	Part No.	Description	No. Used
1	44-7850	Ring — Shaft Retaining	1
2†		Housing — Hydraulic Pump (Incl. Ref. #21)	1
3	37-8360	Seal — O-Ring	1
4		Seal — O-Ring	2
5	44-7840	Thrust Plate	1
6	44-7810	Ring Service Kit Rotor Vane (Incl. Ref. #1 & 7)	1
7	37-8350	Pump Ring	1
8	44-7830	Pressure Plate	1
9	44-7820	Spring Pressure Plate	1
10	37-8380	End Plate	1
11	37-8440	Ring — Retaining	1
12	37-8420	Cap Assembly Reservoir	1
13	39-8700	Stud Pump Mounting	2

Ref. No.	Part No.	Description	No. Used
14	39-8680	Fitting Assy. (Incl. Ref. #15)	1
15	39-8710	Seal — O-Ring	1
16	37-8400	Reservoir Service Kit Hyd. Pump (Incl. Ref. #3 & 18)	1
17	37-8300	Pin Pump Ring Dowel	2
18		Seal	2
19	37-8410	Valve Assembly Control	1
20	37-8450	Spring Flow Control	1
21	37-8340	Seal — Drive Shaft	1
22	44-2680	Shaft Service Retaining Ring & Drive Kit (Incl. Ref. #1)	1
*	37-8460	Seal Service Kit (Incl. Ref. #3, 4, 15, 18 & 21)	1
*	44-7860	Retaining Ring Service Kit (Incl. Ref. #1)	1

* Not Illustrated

† Part only available by ordering 44-7800 Pump Assembly.

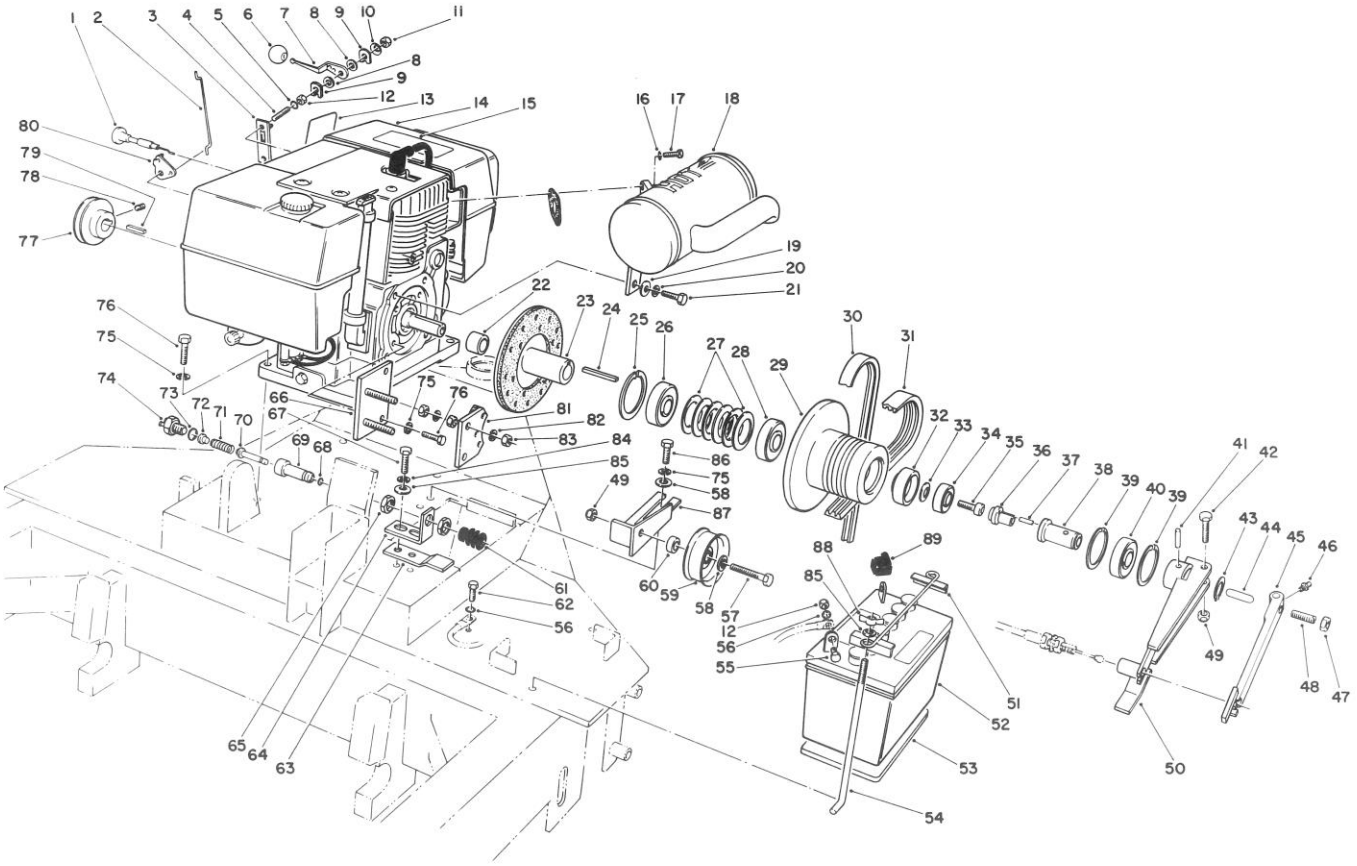


HYDRAULIC CYLINDER ASSEMBLY NO. 59-1750

Ref. No.	Part No.	Description	No. Used
1†		Barrel Assembly	1
2	53-9510	Nut — Lock	1
3	59-3380	Piston Gland	1
4		O-Ring	1
5		Ring — Back-Up	2
6		O-Ring	1
7	59-9940	Rod	1
8		O-Ring	1
9		O-Ring	1

Ref. No.	Part No.	Description	No. Used
10		Ring — Back-Up	1
11		Ring — Back-Up	1
12	59-9790	Head Gland	1
13		Wiper — Rod	1
14		Ring — Retaining	1
15	3218-6	Nut — Jam	1
16	59-9950	Clevis — Rod	1
*	59-9990	Seal Repair Kit (Incl. Ref. #4-6, 8-11, 13 & 14)	1

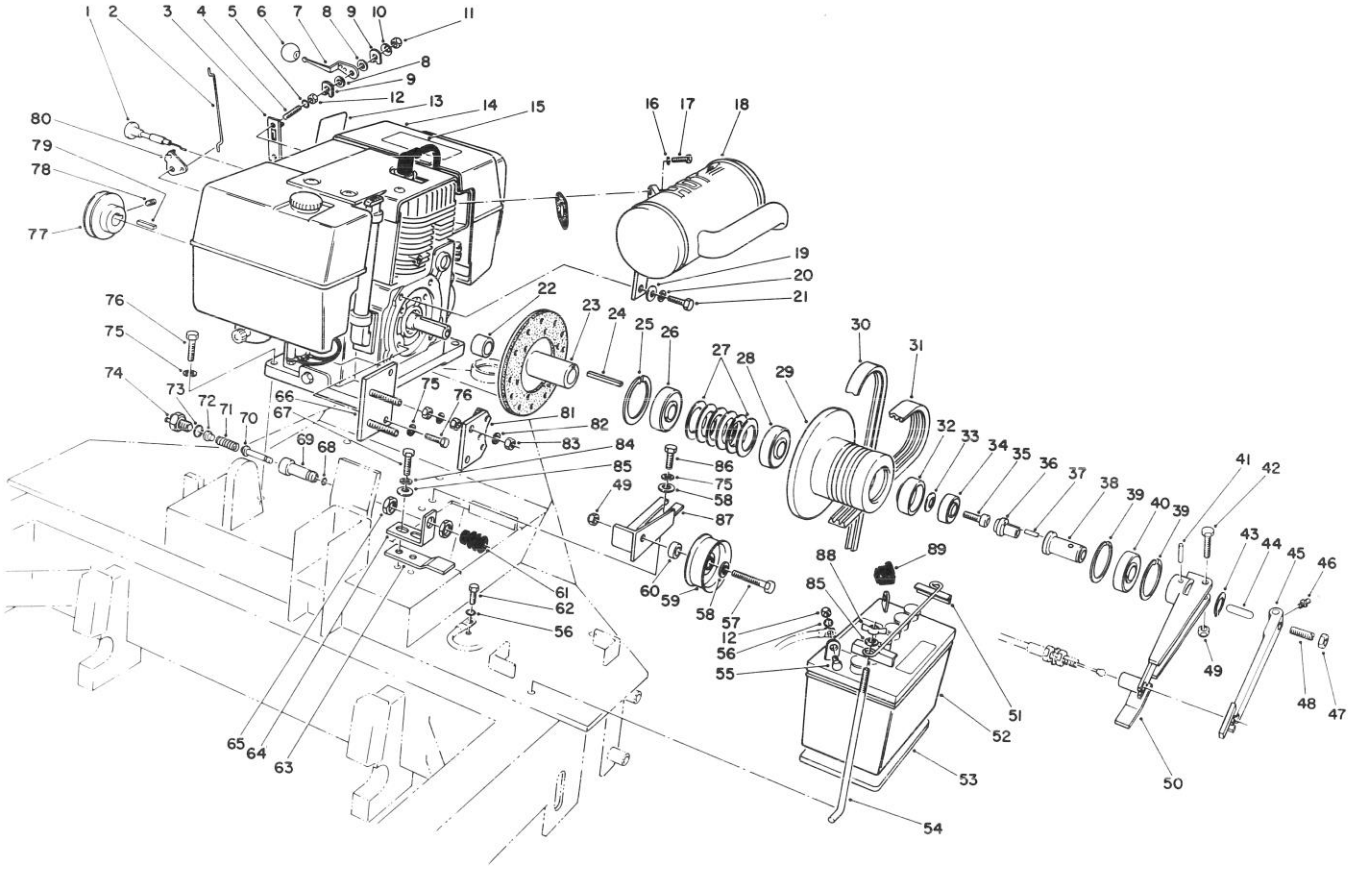
* Not Illustrated
† Order Complete Assembly



ENGINE & CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59-4400	Control — Choke	1
2	59-4730	Wire — Linkage	1
3	59-4720	Bracket — Stop	1
4	3287-10	Screw — Set	1
5	3254-8	Washer — ITLW	1
6	233-25	Knob	1
7	59-4700	Handle — Throttle	1
8	3290-388	Washer — Friction	2
9	59-4710	Washer — Stop	2
10	3290-436	Washer — Belleville	1
11	3296-42	Nut — Lock	1
12	3217-5	Nut — Hex.	3
13	59-9530	Decal — Throttle	1
14	59-4130	Engine — 16 hp (Kohler Model No. M16S-711512)	1
15	59-4330	Decal — Shift	1
16	3253-4	Washer — Lock	2
17	322-3	Screw — Cap Hex. Hd.	2
18	59-4080	Muffler	1
19	3256-25	Washer — Flat	1
20	3253-6	Washer — Lock	1
21	324-5	Screw — Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
22	59-2820	Spacer	1
23	59-2830	Clutch Face Assembly	1
24	13-6330	Key	1
25	32151-76	Ring — Retaining	1
26	251-316	Bearing — Ball	1
27	59-2880	Washer — Spring	6
28	251-310	Bearing — Ball	1
29	59-2110	Housing — Clutch	1
30	59-9480	V-Belt — Transaxle	1
31	59-4190	V-Belt — Transfer Shaft	1
32	59-2890	Retainer	1
33	3290-465	Washer — Belleville	1
34	251-311	Bearing — Ball	1
35	3273-36	Screw — Socket Hd.	1
36	59-2900	Plunger	1
37	32121-73	Pin — Roll	1
38	59-2910	Shaft	1
39	32120-22	Ring — Retaining	2
40	251-308	Bearing — Ball	1
41	32121-7	Pin — Roll	1
42	323-32	Screw — Cap Hex. Hd.	1
43	32151-36	Ring — Retaining	1

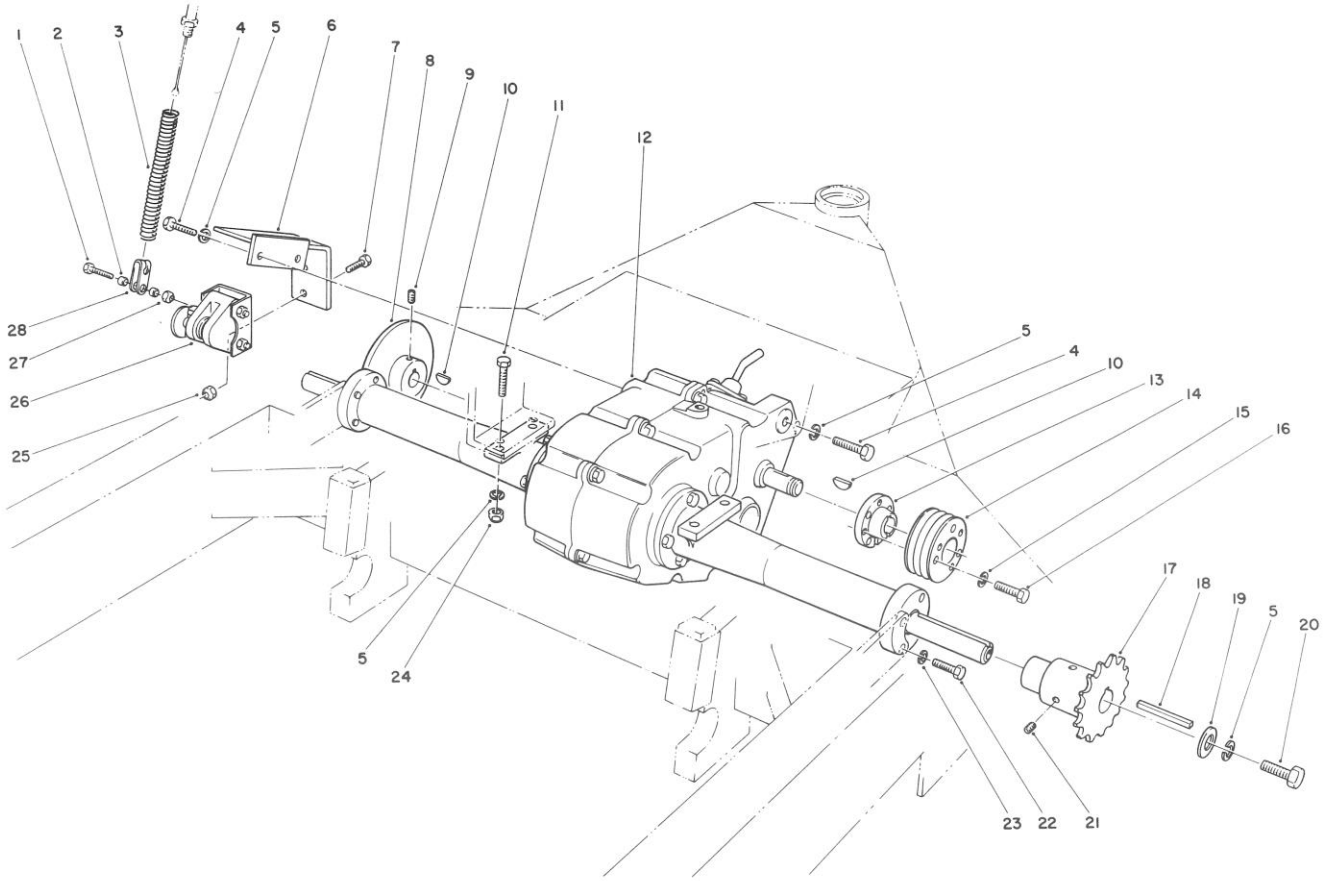


ENGINE & CLUTCH ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	59-2920	Shaft	1
45	59-3000	Lever	1
46	302-2	Fitting — Grease	1
47	3217-7	Nut — Hex.	1
48	59-2930	Rod — Threaded	1
49	3296-39	Nut — Lock	2
50	59-2940	Lever — Assembly	1
51	7-0534	Clamp — Battery	1
52	28-1400	Battery — 12V	1
53	59-9470	Pad — Battery	1
54	7-3328	Bolt — Battery	2
55	321-3	Screw — Cap Hex. Hd.	2
56	3254-8	Washer — ITLW	3
57	323-11	Screw — Cap Hex. Hd.	1
58	3256-24	Washer — Flat	3
59	49-6970	Pulley — Idler	1
60	5-0652	Spacer	1
61	43-8870	Boot — Switch	1
62	32104-17	Screw — Cap Hex. Hd.	1
63	59-3040	Plate	1
64	59-3030	Angle	1
65	218-461	Nut — Jam	2
66	59-3050	Plate — Clutch Brake	1
67	32104-42	Screw — Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
68	237-7	O-Ring	1
69	43-8620	Guide — Switch Pin	1
70	43-8860	Plunger — Switch	1
71	43-8600	Spring — Compression	1
72	43-8610	Guide	1
73	237-30	O-Ring	1
74	38-0430	Switch	1
75	3253-21	Washer — Lock	8
76	323-7	Screw — Cap Hex. Hd.	6
77	59-3140	Pulley	1
78	3245-1	Screw — Set	2
79	13-2840	Key	1
80	59-4740	Bell Crank	1
81	59-3080	Pad — Clutch Brake	1
82	3253-7	Washer — Lock	4
83	3218-5	Nut — Jam	6
84	3253-3	Washer — Lock	2
85	3256-1	Washer — Flat	4
86	323-6	Screw — Cap Hex. Hd.	2
87	59-2790	Bracket — Idler	1
88	32103-12	Nut — Wing	2
89	218-331	Boot — Battery Terminal	1
*	44-1070	Limit Switch Assembly (Incl. Ref. #61, 65 & 68-74)	1

* Not Illustrated

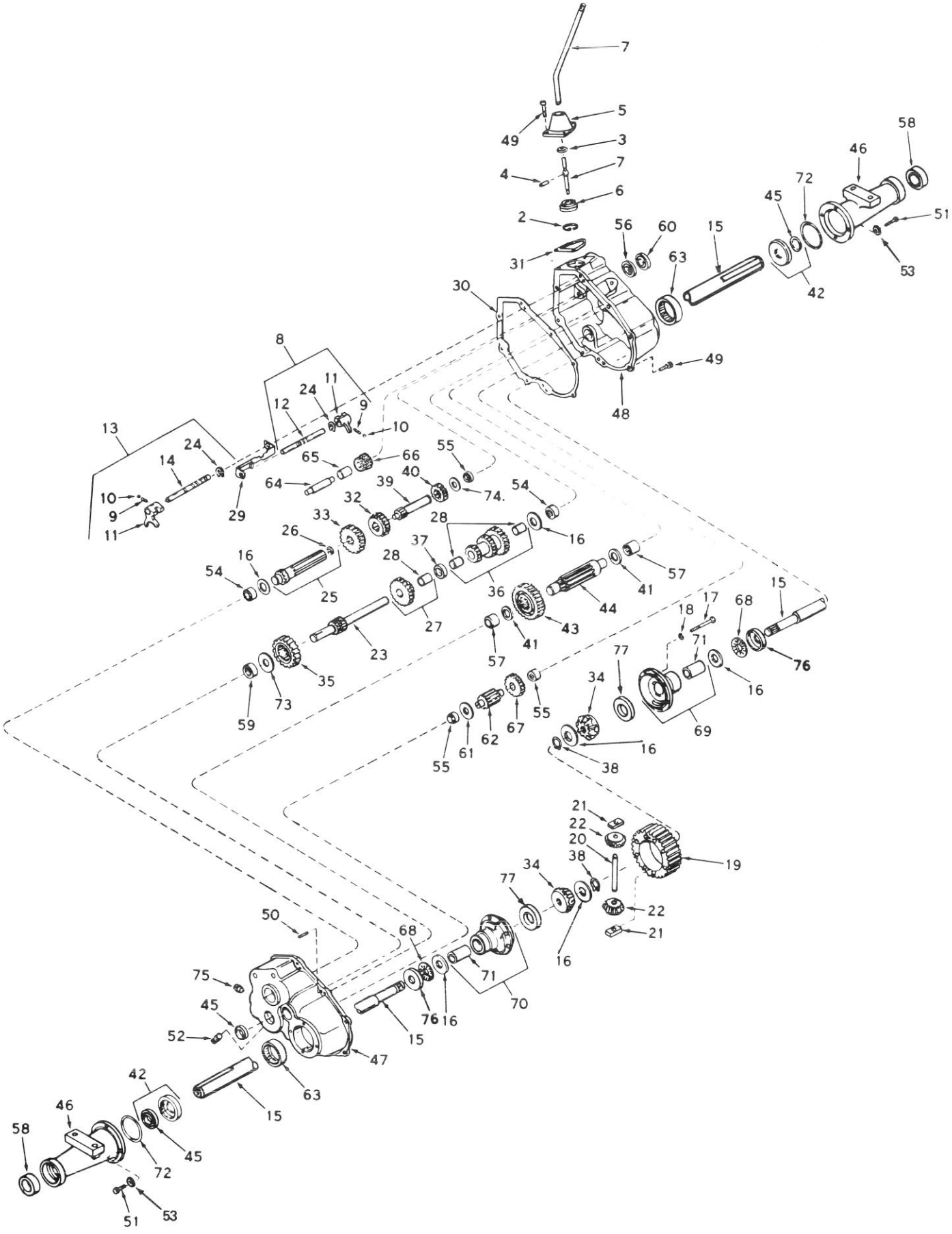


TRANSAXLE & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-8	Screw — Cap Hex. Hd.	1
2	256-255	Bushing	2
3	26-2740	Spring — Tension	1
4	323-6	Screw — Cap Hex. Hd.	3
5	3253-21	Washer — Lock	9
6	59-3170	Bracket — Brake	1
7	322-4	Screw — Cap Hex. Hd.	2
8	59-4100	Disc — Brake	1
9	3245-39	Screw — Set	1
10	3257-5	Key — Woodruff	2
11	323-9	Screw — Cap Hex. Hd.	4
12	59-1760	Transaxle Assembly	1
13	59-2150	Bushing (Incl. Ref. #15 & 16)	1
14	59-2140	Pulley	1

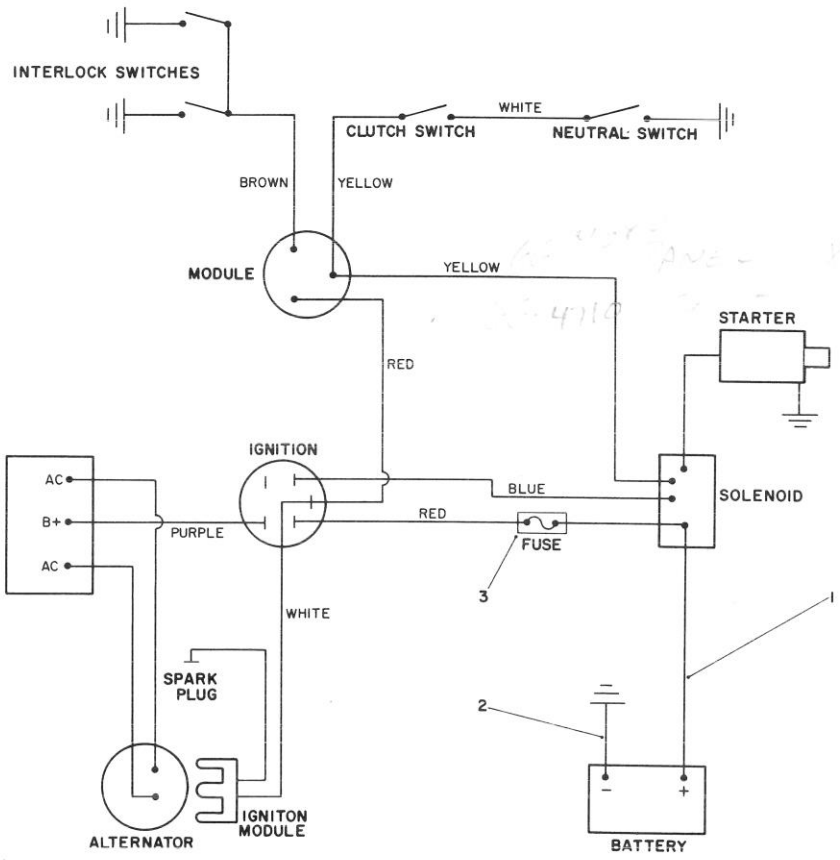
Ref. No.	Part No.	Description	No. Used
15	3253-3	Washer — Lock	3
16	321-13	Screw — Cap Hex. Hd.	3
17	59-3110	Sprocket Assembly	2
18	5-0786	Key	2
19	3-4685	Washer — Thrust	2
20	323-5	Screw — Cap Hex. Hd.	2
21	3247-2	Screw — Set	4
22	322-5	Screw — Cap Hex. Hd.	4
23	3253-4	Washer — Lock	4
24	3217-7	Nut — Lock	4
25	3296-29	Nut — Lock	2
26	59-4250	Caliper — Brake	1
27	3296-42	Nut — Lock	1
28	282-25	Clevis	1

TRANSAXLE ASSEMBLY MODEL NO. 2360



TRANSAXLE ASSEMBLY MODEL NO. 2360

Ref. No.	Part No.	Description	No. Used
2	792016	Ring — Snap	1
3	792001	Ring — Quad	1
4	792049	Pin — Roll	1
5	784093	Housing — Shift Lever	1
6	784094	Keeper — Shift Lever	1
7	784287	Lever — Shift	1
8	784054	Rod Assy. — Shift (Incl. Ref. #9-12 & 24)	1
9	792003	Spring	2
10	792004	Ball — Steel	2
11	784004	Fork — Shifter	2
12	784055	Rod — Shifter (3rd & 4th)	1
13	784056	Rod Assy. — Shift (Incl. Ref. #9, 10, 11, 14 & 24)	1
14	784057	Rod — Shift (Low)	1
15	774694	Axle (17-7/8" Long)	2
16	780042	Washer — Thrust	6
17	792005	Screw — Hex. Hd.	8
18	792006	Lockwasher	8
19	778033A	Gear — Ring	1
20	786019	Pin — Drive	1
21	786027	Block — Drive	2
22	778094	Pinion — Bevel	2
23	776029A	Shaft & Gear — Brake	1
24	792017	Ring — Snap	2
25	776189A	Shaft & Bearing Assy. — Pinion (Incl. Ref. #26)	1
26	780018	Bearing — Needle	1
27	778034	Gear Cluster Assembly (Incl. Ref. #28)	1
28	780053	Bushing	3
29	784074	Stop — Shifter	1
30	788023	Gasket — Case & Cover	1
31	788022	Gasket — Shift Lever Housing	1
32	778217	Gear — Shifting (3rd & 4th)	1
33	778020	Gear — Shifting (1st, 2nd & Rev.)	1
34	778095	Gear — Bevel	2
35	778037	Gear — Idler	1
36	778218	Gear Cluster Assembly (Incl. Ref. #28)	1
37	786024	Spacer	1
38	792018	Ring — Snap	2
39	776067A	Shaft — Input	1
40	778024A	Spur Gear — Input Shaft	1
41	780052	Washer — Thrust	2
42	788021	Seal & Retainer Assy. — Oil (Incl. Ref. #45)	2
43	778036	Gear — Output	1
44	776028	Pinion — Output	1
45	788008	Seal — Oil	3
46	782058	Housing — Axle	2
47	772016A	Cover Assy. — Transaxle (Incl. Ref. #54, 55, 57, 59 & 63)	1
48	770012	Case Assy. — Transaxle (Incl. Ref. #54, 55, 57 & 63)	1
49	792007	Screw — Flanged Hex. Hd.	11
50	786026	Pin — Dowel	2
51	792028	Screw — Hex. Hd.	8
52	792019	Plug — Magnetic Drain	1
53	792029	Washer — Lock	8
54	780049	Bearing — Needle	2
55	780140	Bearing — Needle	3
56	780024	Bearing — Ball	1
57	780047	Bearing — Needle	2
58	780050	Bearing — Ball	2
59	780046	Bearing — Needle	1
60	788025	Seal — Oil	1
61	780001	Washer	1
62	776031	Shaft & Pinion	1
63	780048	Bearing — Needle	2
64	776030	Shaft — Reverse Idler	1
65	786025	Spacer — Reverse Idler	1
66	778051	Idler — Reverse	1
67	778038	Gear — Spur (22 Teeth)	1
68	780039	Bearing — Thrust	2
69	774072A	Carrier Assy. — Differential (Incl. Ref. #71)	1
70	774071A	Carrier Assy. — Differential (Incl. Ref. #71)	1
71	780041	Bushing	2
72	788024	"O" Ring	2
73	780007	Washer — Thrust	1
74	780051	Washer — Thrust	1
75	792010	Plug — Pipe	1
76	780075	Race — Thrust	2
77	780107	Washer	2

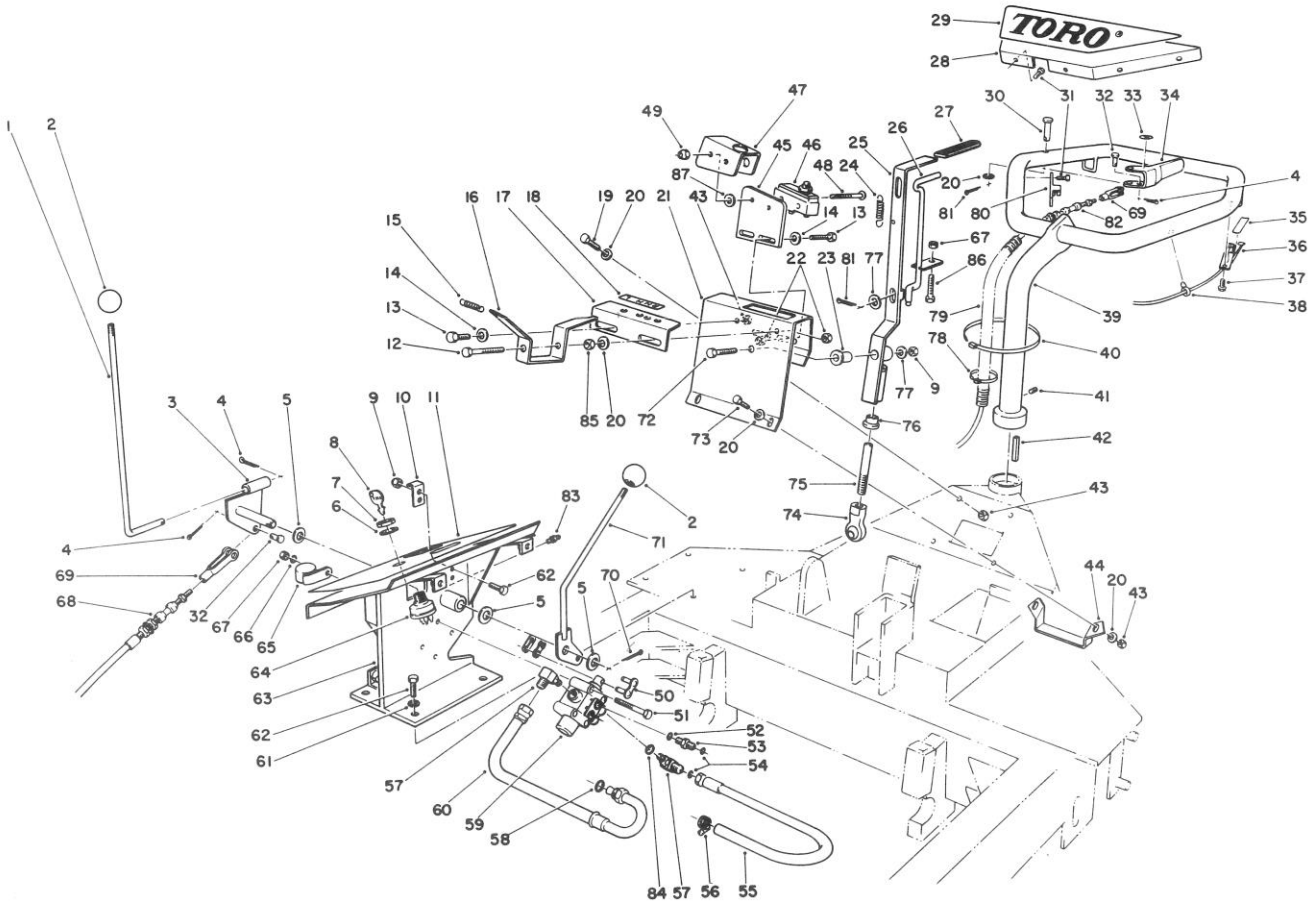


ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	59-4750	Wire Harness	1
2	28-3860	Wire — Ground	1

Ref. No.	Part No.	Description	No. Used
3†		Fuse — 15 Amp	1

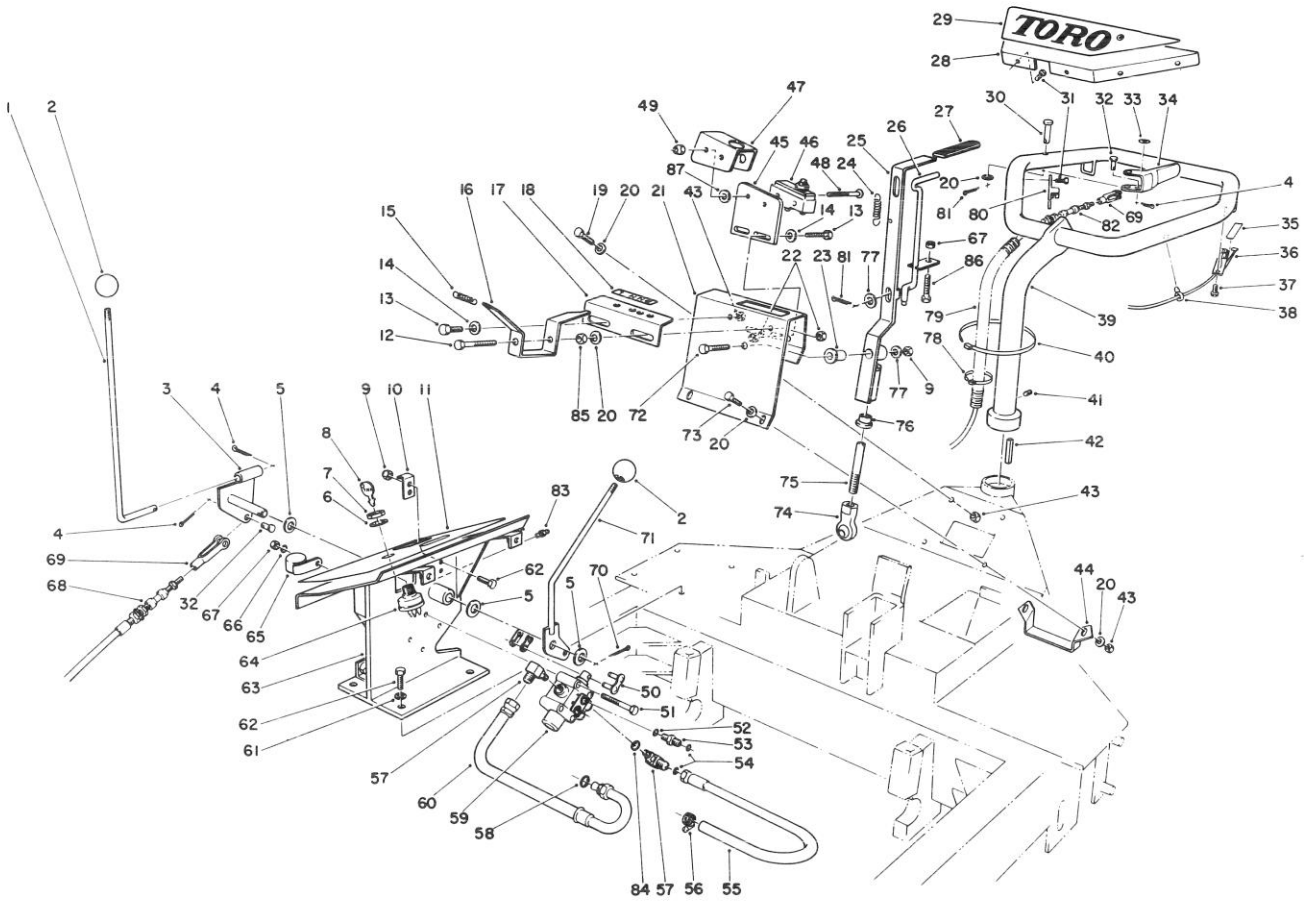
† Obtain Locally



OPERATOR CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59-4680	Handle — Clutch	1
2	233-42	Knob	2
3	59-4640	Lever — Clutch	1
4	3272-2	Pin — Cotter	3
5	3256-26	Washer — Flat	3
6	3254-5	Washer — Lock	1
7	218-461	Nut — Hex.	1
8	218-412	Key (Set of 2)	1
9	3296-39	Nut — Lock	3
10	59-9800	Bracket — Clutch	1
11	59-9550	Decal — Control Panel	1
12	322-20	Screw — Cap Hex. Hd.	1
13	321-4	Screw — Cap Hex. Hd.	3
14	3256-1	Washer — Flat	3
15	59-3660	Spring — Extension	1
16	59-3650	Bracket — Throttle Control	1
17	59-3570	Retainer — Shift Lever	1
18	59-4430	Decal — Shift Pattern	1
19	322-4	Screw — Cap Hex. Hd.	2
20	3256-23	Washer — Flat	8
21	59-3560	Plate — Shift	1
22	3296-42	Nut — Lock	3

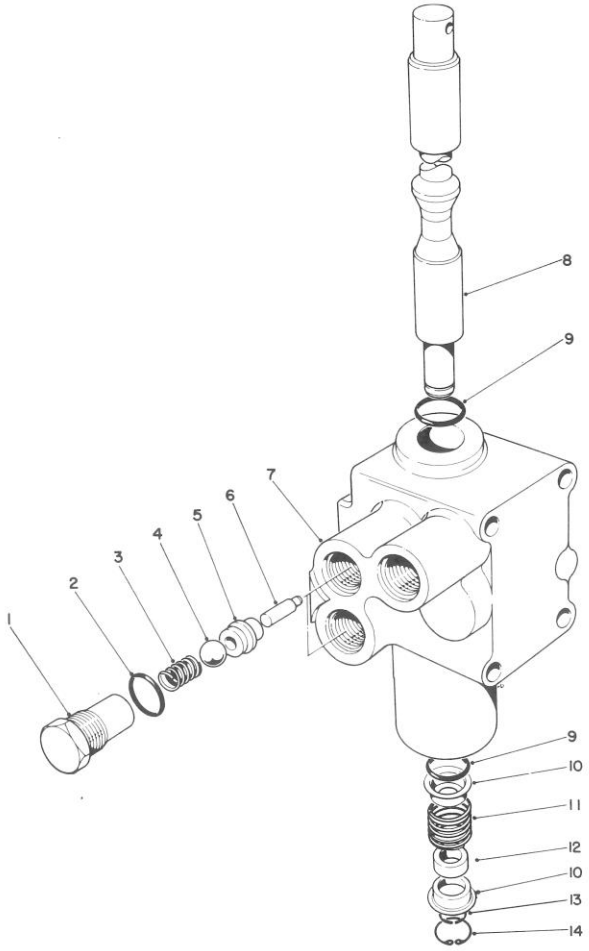
Ref. No.	Part No.	Description	No. Used
23	59-3620	Spacer	1
24	59-9680	Spring — Extension	1
25	59-3580	Lever — Shift	1
26	60-9800	Rod — Lockup	1
27	47-1970	Grip — Handle	1
28	59-4530	Panel — Handle	1
29	59-4420	Decal — Toro	1
30	283-11	Pin — Clevis	1
31	32104-104	Screw — Cap Hex. Hd.	6
32	283-29	Pin — Clevis	2
33	59-9860	Decal — Brake	1
34	59-9560	Handle — Brake	1
35	59-9870	Decal — Interlock	2
36	40-9690	Interlock Switch Assembly (Incl. Ref. #38)	2
37	32104-17	Screw — Cap Hex. Hd.	2
38	17-9120	Mount — Wire	3
39	59-4490	Handle Assembly	1
40	3290-379	Tie — Cable	3
41	3247-2	Screw — Set	1
42	3-3267	Key	1
43	3296-29	Nut — Lock	5



OPERATOR CONTROLS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	59-3640	Bracket — Transaxle	1
45	60-9820	Plate — Switch	1
46	29-6161	Switch — Neutral	1
47	60-9830	Cover — Switch	1
48	3250-34	Screw — Machine Pan Hd.	2
49	3296-9	Nut — Lock	2
50	2710-16	Link — Connecting	1
51	321-14	Screw — Cap Hex. Hd.	4
52	237-78	O-Ring	2
53	340-88	Fitting — Straight (Incl. Ref. #52 & 54)	2
54	237-22	O-Ring	4
55	59-4150	Hose — Return	1
56	2412-36	Clamp — Hose	1
57	340-77	Fitting — 90° Elbow (Incl. Ref. #84 & 54)	2
58	39-7310	O-Ring	1
59	43-1950	Valve — Hydraulic Control	1
60	59-4140	Hose — Pressure	1
61	3253-21	Washer — Lock	4
62	323-6	Screw — Cap Hex. Hd.	6
63	59-4540	Panel — Control	1
64	23-0660	Switch — Ignition (Incl. Ref. #6-8)	1

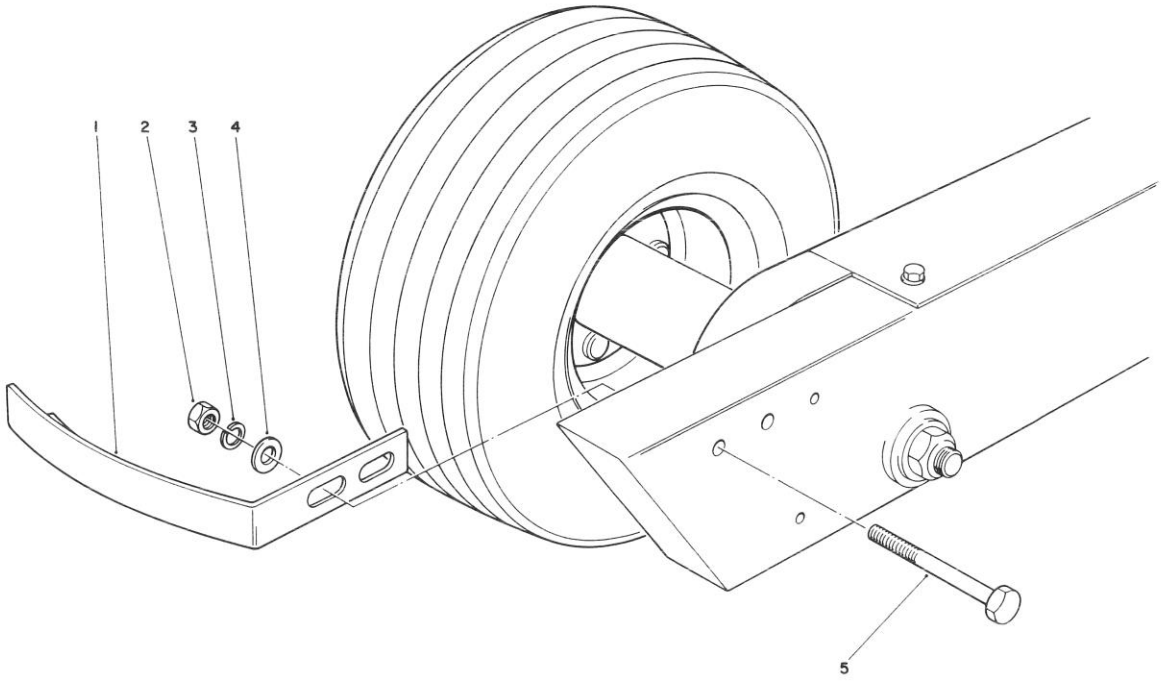
Ref. No.	Part No.	Description	No. Used
65	59-9810	Module — Interlock	1
66	3253-3	Washer — Lock	4
67	3217-5	Nut — Hex.	5
68	59-4411	Cable — Clutch	1
69	282-26	Clevis — Cable	2
70	3272-4	Pin — Cotter	1
71	59-4610	Handle — Lift	1
72	323-32	Screw — Cap Hex. Hd.	1
73	322-6	Screw — Cap Hex. Hd.	2
74	251-305	End — Rod	1
75	59-3630	Rod	1
76	256-284	Bushing — Flanged	2
77	3256-24	Washer — Flat	2
78	3290-381	Tie — Cable	4
79	24-7923	Conduit — Convoluted	1
80	59-9730	Bracket — Brake Cable	1
81	3272-10	Pin — Cotter	2
82	59-4410	Cable — Brake	1
83	302-2	Fitting — Grease	1
84	237-42	O-Ring	2
85	3217-6	Nut — Hex	1
86	321-8	Screw — Cap Hex. Hd.	1
87	3256-53	Washer — Flat	2



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		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	Snap Ring Spool	1
14	22-8490	Snap Ring	1

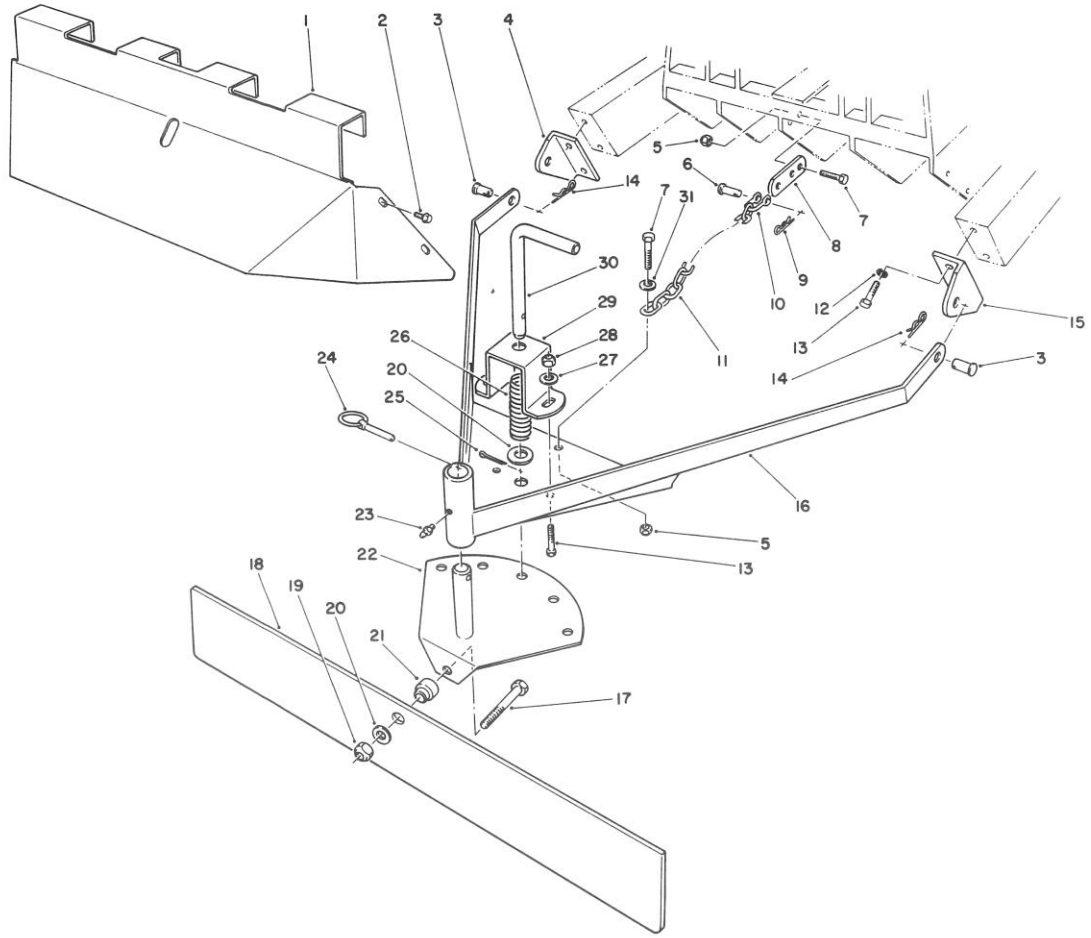


TIRE SCRAPER KIT MODEL NO. 09151 (Optional)

Ref. No.	Part No.	Description	No. Used
1	59-4270	Tire Scraper — L.H.	1
*	59-4260	Tire Scraper — R.H.	1
2	3217-7	Nut — Hex.	4

Ref. No.	Part No.	Description	No. Used
3	3253-21	Washer — Lock	4
4	3256-3	Washer — Flat	4
5	323-13	Screw — Cap Hex. Hd.	4

* Not Illustrated



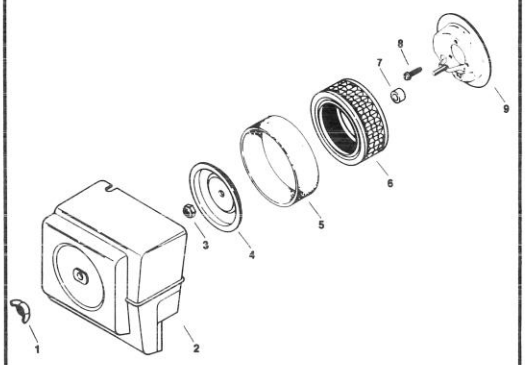
WINDROWER KIT MODEL 09150 (Optional)

Ref. No.	Part No.	Description	No. Used
1	60-9840	Deflector — Core	1
2	32144-4	Screw — Self Tap Hex. Hd.	4
3	283-60	Pin — Clevis	2
4	59-4850	Plate — Hook-Up	1
5	3296-29	Nut — Lock	3
6	238-10	Pin — Clevis	1
7	322-5	Screw — Cap Hex. Hd.	3
8	60-9240	Support	1
9	3290-250	Pin — Hair	1
10	5-2942	Shackle	1
11	2820-3	Chain	1
12	3253-5	Washer — Lock	4
13	323-6	Screw — Cap Hex. Hd.	6
14	3290-355	Pin — Hair	2
15	59-4840	Plate — Hook-Up	1
16	59-4760	Frame Assembly	1

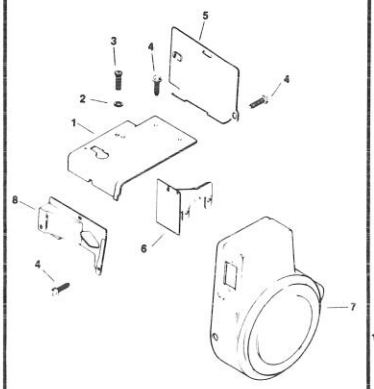
Ref. No.	Part No.	Description	No. Used
17	325-8	Screw — Cap Hex. Hd.	1
18	59-9430	Blade — Windrower	1
19	3296-23	Nut — Lock	1
20	3256-26	Washer — Flat	2
21	59-4860	Spacer	1
22	59-4810	Plate — Pivot	1
23	302-2	Fitting — Grease	1
24	3290-243	Pin — Klik	1
25	3272-11	Pin — Cotter	1
26	46-0740	Spring — Compression	1
27	3256-24	Washer — Flat	2
28	3296-26	Nut — Lock	2
29	59-9410	Bracket — Lock-Up	1
30	59-9420	Pin — Lock-Up	1
31	3256-23	Washer — Flat	1

ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512

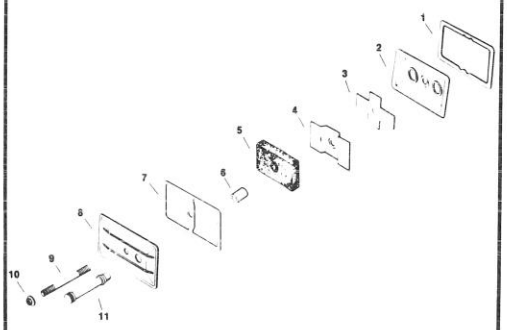
Group no. 1



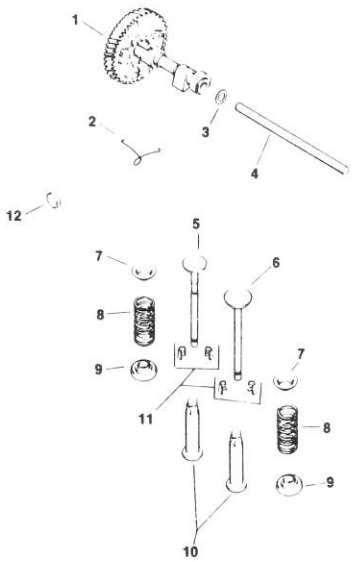
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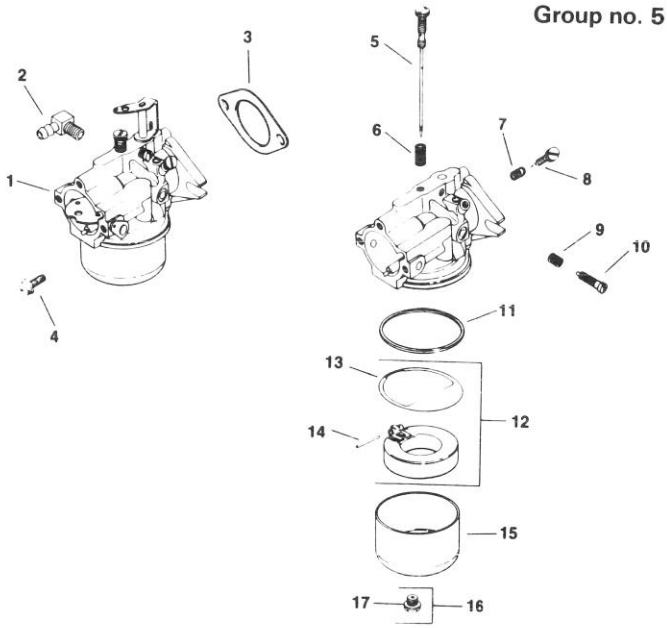
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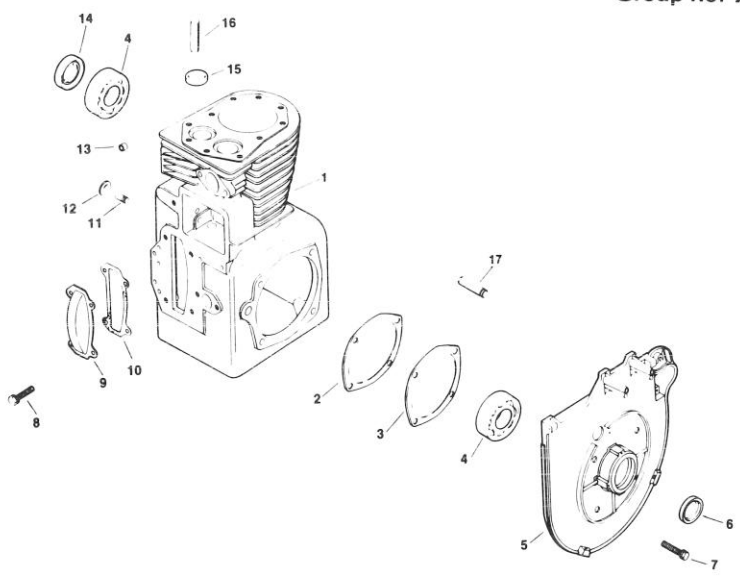
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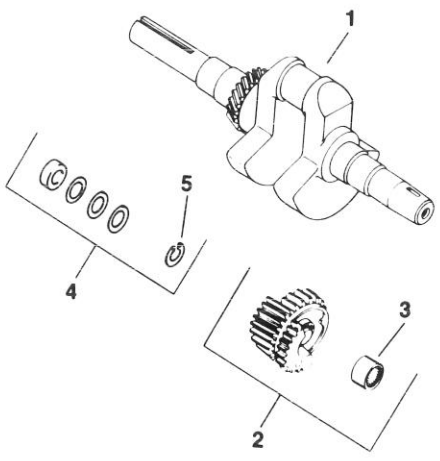
Group no. 5



Group no. 7



Group no. 8



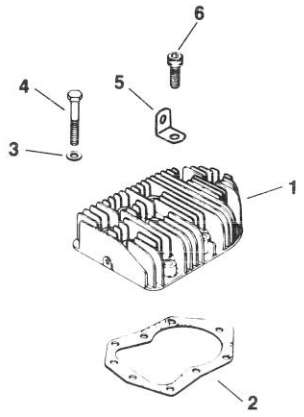
ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512

Ref. No.	Part No.	Description	No. Used
		Air Intake — Group 1	
1	X-276-7	Wing Nut	1
2	47 096 05	Cover — Air Cleaner	1
3	41 100 04	Nut — Jam	1
4	52 082 04	Cover — Inner	1
5	45 083 01	Precleaner — Element	1
6	45 083 02	Element	1
7	231032	Seal	1
8	X-67-65	Screw — Hex. Washer Hd.	3
9	47 094 20	Base — Air Cleaner	1
	41 113 02	Decal — Air Cleaner	1
		Baffles & Shroud — Group 2	
1	45 063 07	Baffle — Head	1
2	X-25-53	Washer — Plain	1
3	47 086 08	Screw — Pozidriv T.H.	1
4	52-086 11	Screw — Hex. Washer Hd.	6
5	47 063 10	Baffle — Cylinder	1
6	47 063 07	Baffle — Inner	1
7	47-027 42	Blower Housing	1
8	47 063 06	Baffle — Side Air	1
		Breather & Vent — Group 3	
1	235048	Gasket — Breather Plate	1
2	235631	Plate — Breather	1
3	235047	Reed	1
4	270146	Baffle — Breather	1
5	47 050 01	Filter — Breather	1
6	231032	Seal — Breather	1
7	275144	Gasket — Valve Cover	1
8	47 096 01	Cover — Valve	1
9	275220	Stud	1
10	X-799-1	Palnut	1
11	47 326 03	Hose — Breather 3-11/32" Lg.	1
		Camshaft & Valves — Group 4	
1	47 010 11	Camshaft Assembly	1
2	47 089 01	Spring — Actuating	1
3	275066	Spacer .005	A/R
3	275067	Spacer .010	A/R
4	47 380 09	Pin — Camshaft	1
5	237672	Valve — Exhaust	1
6	235582	Valve — Intake	1
7	235011	Retainer — Upper Spring	2
8	235168	Spring — Valve	2
9	230020	Rotator	2
10	D-235327	Tappet	2
11	41 755 10	Kit — Retainer	1
12	X-702-3	Plug — Cup	1

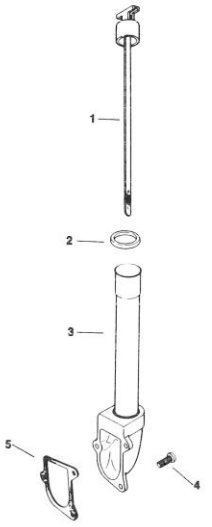
Ref. No.	Part No.	Description	No. Used
		Carburetor — Group 5	
1	45 053 70	Carburetor Assembly (Incl. Ref. #5-17)	1
2	25 155 02	Connector — 90° (For 1/4" I.D. Rubber Hose)	1
3	47 049 01	Gasket — Carburetor	
4	X-770-1	Screw — Sltd. Hd.	2
5	45 103 01	Needle — Main Fuel Adj.	1
6	200383	Spring — Main Fuel	1
7	200380	Spring — Idle Fuel	1
8	275231	Needle — Idle Fuel Adj.	1
9	232555	Spring — Idle Speed	1
10	232556	Screw — Idle Speed Adj.	1
11	200375	Gasket — Bowl	1
12	25 757 03	Kit — Float	
13	25 041 02	Gasket — Bowl Baffle	1
14	200376	Pin — Float Hinge	1
15	235448	Bowl — Fuel	1
16	47 100 06	Screw — Bowl Retainer	
17	200372	Gasket — Bowl Retainer Screw	1
	25 757 02	Kit — Carburetor Repair	1
	25 757 05	Kit — Throttle & Choke Repair	1
		Crankcase — Group 7	
1	45 782 14	Block — Cylinder (Incl. Ref. #13, 15 & 16) (USE: Miniblock)	1
2	47 422 05	Gasket — Shim	A/R
3	47 041 09	Gasket — Bearing Plate	1
4	235376	Bearing — Ball	2
5	47 146 07	Plate — Bearing	1
6	47 032 06	Seal — Front Oil	1
7	X-159-2	Screw — H.C.	4
8	X-132-5	Screw — H.C.	4
9	235026	Cover — Camshaft	1
10	235025	Gasket — Camshaft Cover	1
11	235125-S	Shaft — Governor Gear	1
12	X-230-11	Plug — Expansion	1
13	234866	Bearing — Governor Cross Shaft	1
14	47 032 07	Seal — Rear Oil	1
15	230265	Insert — Intake Valve	1
16	235007-S	Guide — Valve	2
17	236559	Shaft — Balance Gear	2
		Crankshaft — Group 8	
1	45 142 02	Kit — Crankshaft	1
2	47 042 01	Gear Assembly	2
3	47 030 01	Bearing — Needle	2
4	47 755 01	Kit — Spacer	1
5	X-269-34	Retainer	2

ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512 (Continued)

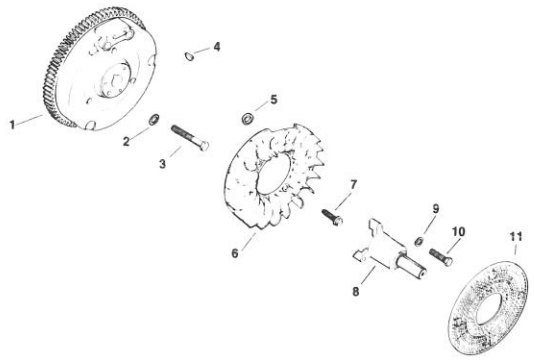
Group no. 9



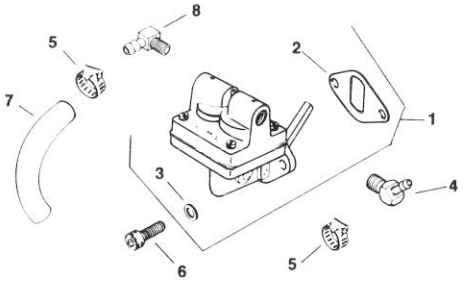
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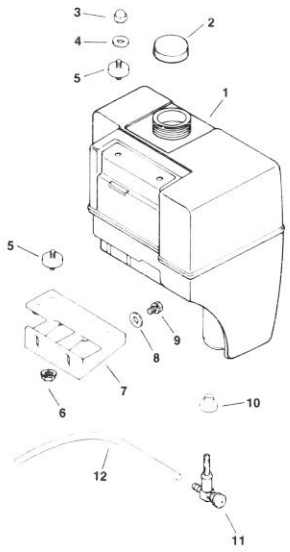
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Group no. 14



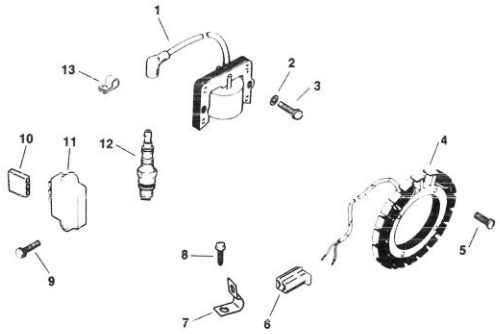
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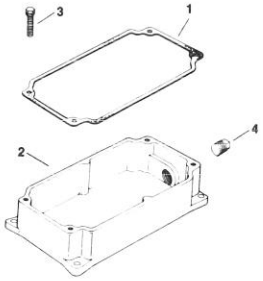
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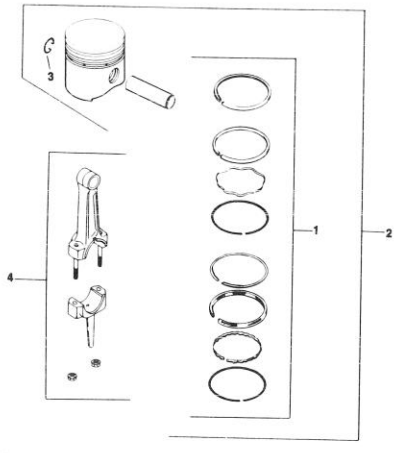
Group no. 18



Group no. 21



Group no. 22



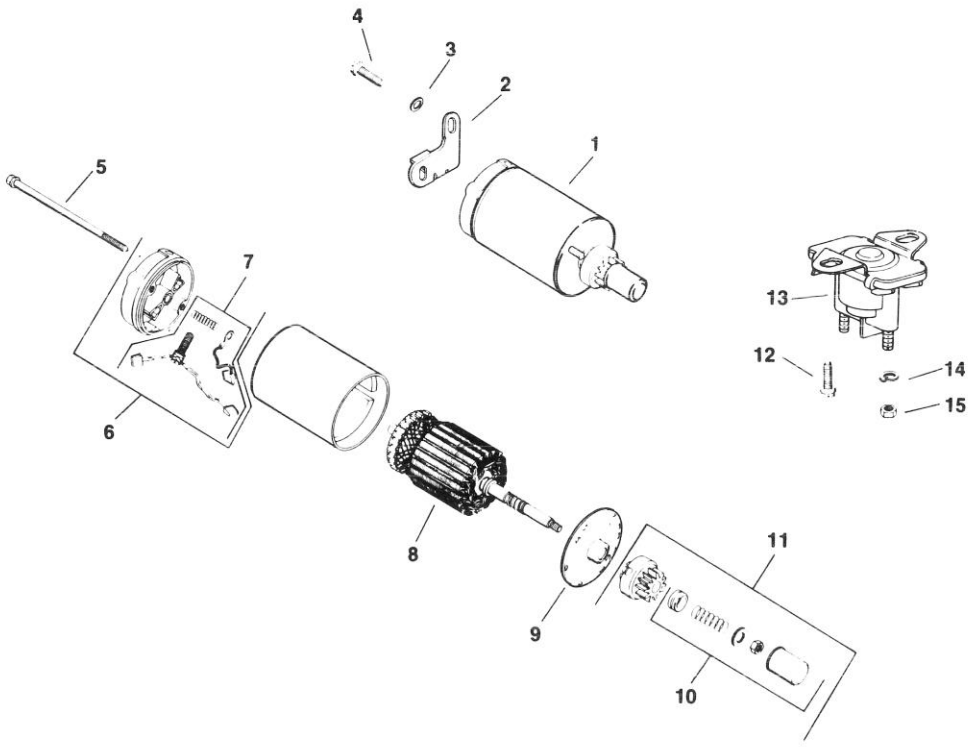
ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512 (Continued)

Ref. No.	Part No.	Description	No. Used
		Cylinder Head — Group 9	
1	45 015 09	Head — Cylinder	1
2	45 041 16	Gasket — Head	1
3	270889	Washer — Plain	10
4	270158	Screw — H.C.	9
5	47 445 02	Strap — Lifting	1
6	47 086 17	Screw — Hex. Hd.	1
		Dipstick — Group 10	
1	47 038 26	Dipstick	1
2	41 153 01	O-Ring	1
3	47 029 06	Adapter — Oil Fill	1
4	X-131-2	Screw — R.H.	3
5	237064	Gasket — Adapter	1
		Flywheel — Group 13	
1	47 025 53	Flywheel	1
2	52 114 02	Washer — Plain	1
3	25 086 04	Screw — Hex. Mach.	1
4	X-46-3	Key — Woodruff	1
5	25 112 04	Spacer	4
6	25 157 01	Fan	1
7	25 086 14	Screw — Hex. Wash. Hd.	4
8	235377	Shaft — Front Drive	1
9	X-22-1	Washer — Lock	4
10	X-7-6	Screw — H.C.	4
11	25 162 03	Screen — Grass	1
		Fuel Pump — Group 14	
1	47 559 04	Pump — Fuel Assembly	1
2	52 041 17	Gasket — Fuel Pump	1
3	X-25-63	Washer — Plain	2
4	47 155 12	Connector — 45° (For 1/4" I.D. Rubber Hose)	1
5	X-426-9	Clamp — Hose	2
6	X-174-2	Screw — Pozidriv F.H.	2
7	25 353 01	Line — Fuel 5-1/2"	1
8	25 155 02	Connector — 90° (For 1/4" I.D. Rubber Hose)	1
		Fuel Tank — Group 15	
1	47 065 04	Tank — Fuel	1
2	41 173 06	Cap — Fuel Tank	1
3	25 100 04	Nut — Acorn	2
4	X-25-78	Washer — Plain	2
5	47 366 01	Mount — Isolation	4
6	X-799-1	Palnut	2
7	47 126 30	Bracket — Lower Tank	1
8	X-25-28	Washer — Plain	2
9	X-159-3	Screw — H.C.	2
10	41 158 03	Bushing — Fuel Tank	1
11	25 462 01	Valve — Fuel Shut-Off	1
12	47 353 02	Line — Fuel 19"	1

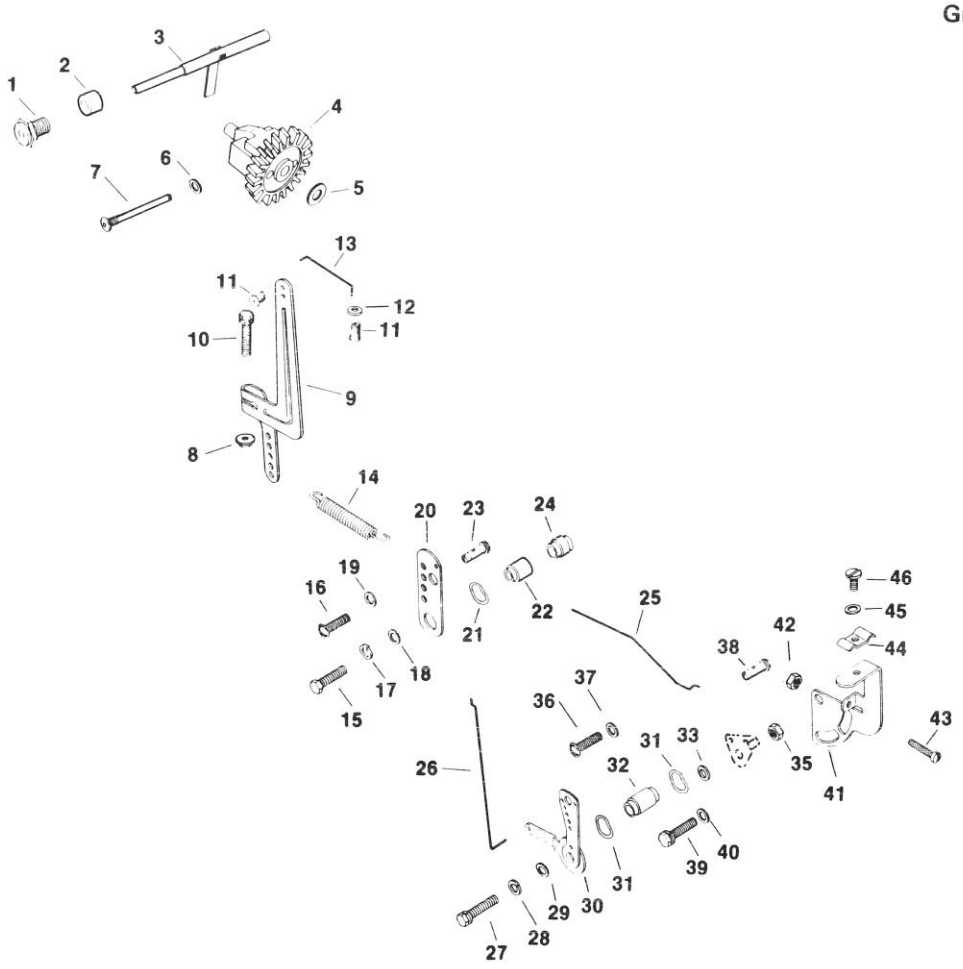
Ref. No.	Part No.	Description	No. Used
		Exhaust — Group 16	
1	45 041 15	Gasket — Exhaust	1
		Ignition — Group 18	
1	47 584 01	Module — Ignition	1
2	X-25-79	Washer — Plain	2
3	X-156-1	Screw — H.C.	2
4	237878	Kit — Stator (15 Amp.)	1
5	X-778-1	Screw — Pozidriv Pan Hd.	4
6	41 155 03	Connector — Male (2 Contact)	1
7	X-728-1	Clip — Lead	1
8	X-67-59	Screw — Hex. Wash. Hd.	1
9	X-132-4	Screw — H.C.	2
10	236602	Connector — Female (3 Contact)	1
11	41 403 05	Regulator/Rectifier	1
12	235041-S	Spark Plug RH-10	1
13	210281	Clip — Hi-Tension Lead	1
	47 518 33	Lead — Violet, Regulator to Connector	1
	47 518 45	Lead — White, w/Diode, Module to Connector	1
	47 518 43	Lead — White, w/Diode, Module to Connector (Service Replacement Part)	1
		Oil Pan — Group 21	
1	235057	Gasket — Oil Pan	1
2	235147	Pan — Oil	1
3	X-159-3	Screw — H.C.	4
4	X-75-10	Plug — Sq. Hd.	1
		Piston & Rod — Group 22	
1	45 108 06	Ring Set (Std. & .003)	1
	45 108 07	Ring Set (.010)	1
	45 108 08	Ring Set (.020)	1
	45 108 09	Ring Set (.030)	1
2	45 874 01	Piston w/Ring Set (Std.)	1
	45 874 02	Piston w/Ring Set (.003)	1
	45 874 03	Piston w/Ring Set (.010)	1
	45 874 04	Piston w/Ring Set (.020)	1
	45 874 05	Piston w/Ring Set (.030)	1
3	47 018 01	Retainer — Piston Pin	2
4	45 067 22	Connecting Rod (Std.)	1
	45 067 23	Connecting Rod (.010)	1

ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512 (Continued)

Group no. 11



Group no. 17



ENGINE KOHLER MODEL NO. M16S SPEC NO. 711512 (Continued)

Ref. No.	Part No.	Description	No. Used
		Electric Start — Group 11	
1	41 098 04	Starter Assembly (Incl. Ref. #5-11)	1
2	47 126 24	Brace — Tail	1
3	X-25-78	Washer — Plain	1
4	X-67-62	Screw — Hex. Wash. Hd.	2
5	41 086 19	Bolt — Thru	2
6	41 227 04	Cap — Commutator Assembly	1
7	52 755 15	Kit — Brush	1
8	45 170 02	Armature	1
9	41 227 03	Cap — Drive End	1
10	47 755 07	Kit — Drive	1
11	47 755 13	Kit — Drive Parts	1
12	X-67-83	Screw — Hex. Wash. Hd.	2
13	45 435 07	Solenoid	1
14	X-20-1	Washer — Lock	2
15	X-81-1	Nut — Hex.	2
	25 450 03	Tag — Caution	1
	52 518 03	Lead — Black, Starter to Solenoid	1

Ref. No.	Part No.	Description	No. Used
		Governor — Group 17	
1	235476	Bushing — Governor Shaft	1
2	X-400-80	Spacer	1
3	237455	Shaft — Governor Cross	1
4	A-235743-S	Kit — Governor Gear	1
5	237022	Washer — Thrust	1
6	25 468 01	Washer — Plain	1
7	231355	Pin — Governor Stop	1
8	X-799-1	Palnut	1
9	47 090 20	Lever — Governor	1
10	X-776-1	Screw — H.C.	1
11	47 158 04	Bushing — Linkage Retaining	2
12	25 468 02	Washer — Plain	1
13	47 079 05	Linkage — Governor (Governor to Carburetor)	1
14	235496	Spring — Governor	1
15	X-5-26	Screw — H.C.	1
16	X-51-8	Screw — Sltd. Pan Hd.	1
17	X-20-1	Washer — Lock	1
18	X-25-63	Washer — Plain	1
19	X-25-102	Washer — Plain	1
20	235086	Bracket — Speed Control	1
21	275690	Washer — Wave	1
22	235085	Spacer	1
23	48 755 10	Kit — Clamp	1
24	X-384-2	Spacer	1
25	47 079 07	Linkage — Throttle (Swivel Clamp to Throttle Control Lever)	1
26	47 079 01	Linkage — Choke (Carburetor to Choke Shaft)	1
27	X-5-26	Screw — H.C.	1
28	X-20-1	Washer — Lock	1
29	X-25-63	Washer — Plain	1
30	47 090 06	Lever — Choke Control	1
31	275690	Washer — Wave	2
32	47 112 02	Spacer	1
33	X-25-82	Washer — Plain	1
35	X-76-2	Nut — Hex.	1
36	X-51-8	Screw — Sltd. Pan Hd.	1
37	X-25-102	Washer — Plain	1
38	48 755 10	Kit — Clamp	1
39	X-132-6	Screw — H.C.	1
40	X-25-72	Washer — Plain	1
41	47 126 09	Bracket — Choke	1
42	X-72-4	Nut — Hex.	1
43	232556	Screw	1
44	47 237 02	Clamp — Swivel	1
45	X-19-1	Washer — Lock	1
46	X-15-5	Screw — F.H.M.	1

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Greens Aerator has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is located on the chassis cross tube and on the coring head frame. In any correspondence concerning the Greens Aerator, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Distributor, supply the following information:

1. Model and serial number of the Greens Aerator.
2. Part number, description, and quantity of part(s) desired.

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

Keep Your TORO All Toro Genuine TORO PARTS & ACCESSORIES ***Insist on Genuine Toro Parts***

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