FORM NO. 3315–808 Rev. B

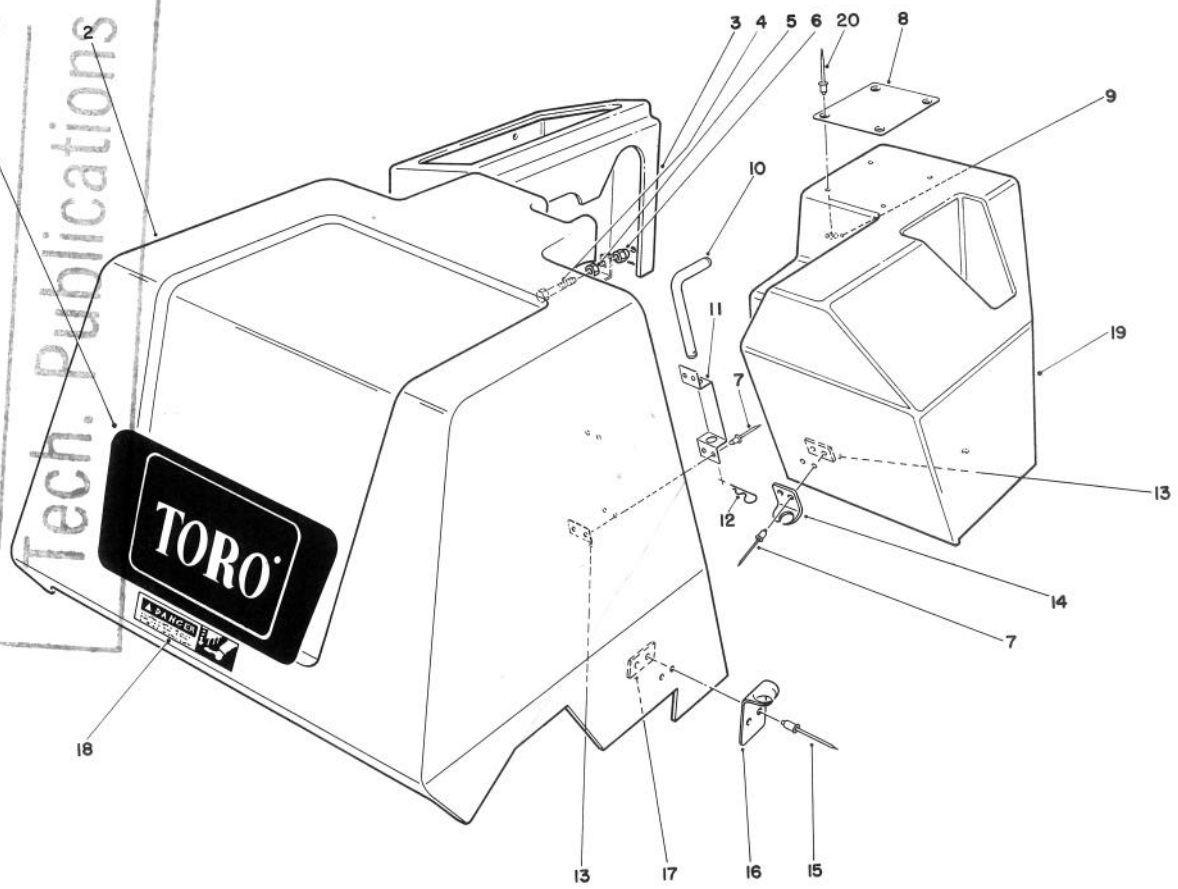
TORO®

MODEL NO. 09110–40001 & UP

PARTS CATALOG

GREENS AERATOR

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T–0223

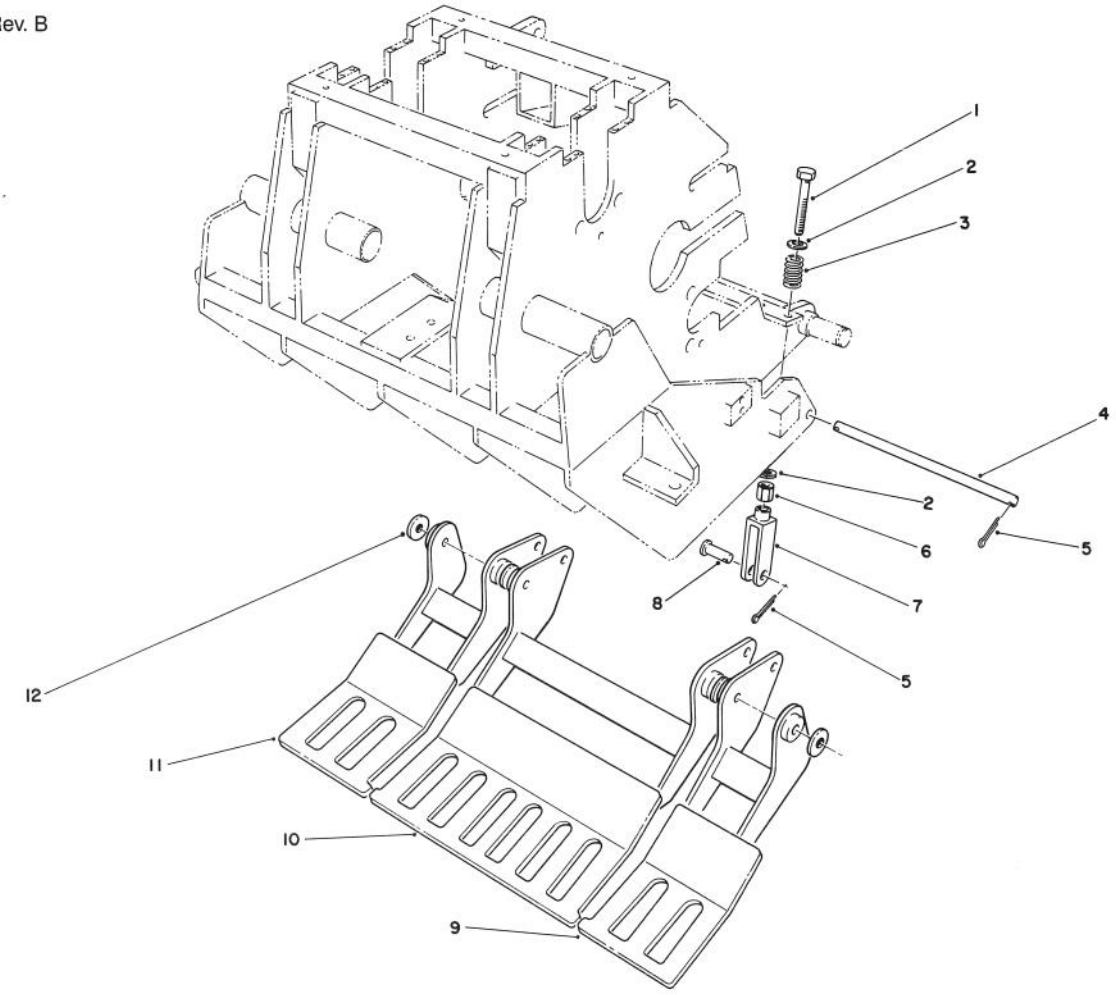
COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59–4350	Decal – Toro	1
2	66–4130	Cover – Coring Head	1
3	66–4110	Cover – Controls	1
4	322–2	Screw – Cap Hex Hd.	1
5	3218–2	Nut – Jam	1
6	32111–8	Cap & Locknut	1
7	3269–8	Rivet – Pop	10
8	66–4840	Shield – Heat	1
9	5–1254	Washer	4
10	66–4060	Pin – Idler	1

Ref. No.	Part No.	Description	No. Used
11	66–4440	Holder – Idler Pin	1
12	3290–355	Pin – Hair, Cotter	1
13	59–9610	Plate – Backup	5
14	249–40	Keeper	3
15	3269–4	Rivet – Pop	4
16	249–38	Keeper	2
17	59–9611	Plate – Backup	2
18	59–9930	Decal – Danger	1
19	66–4120	Cover – Clutch	1
20	3269–17	Rivet–Pop	4

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TPS

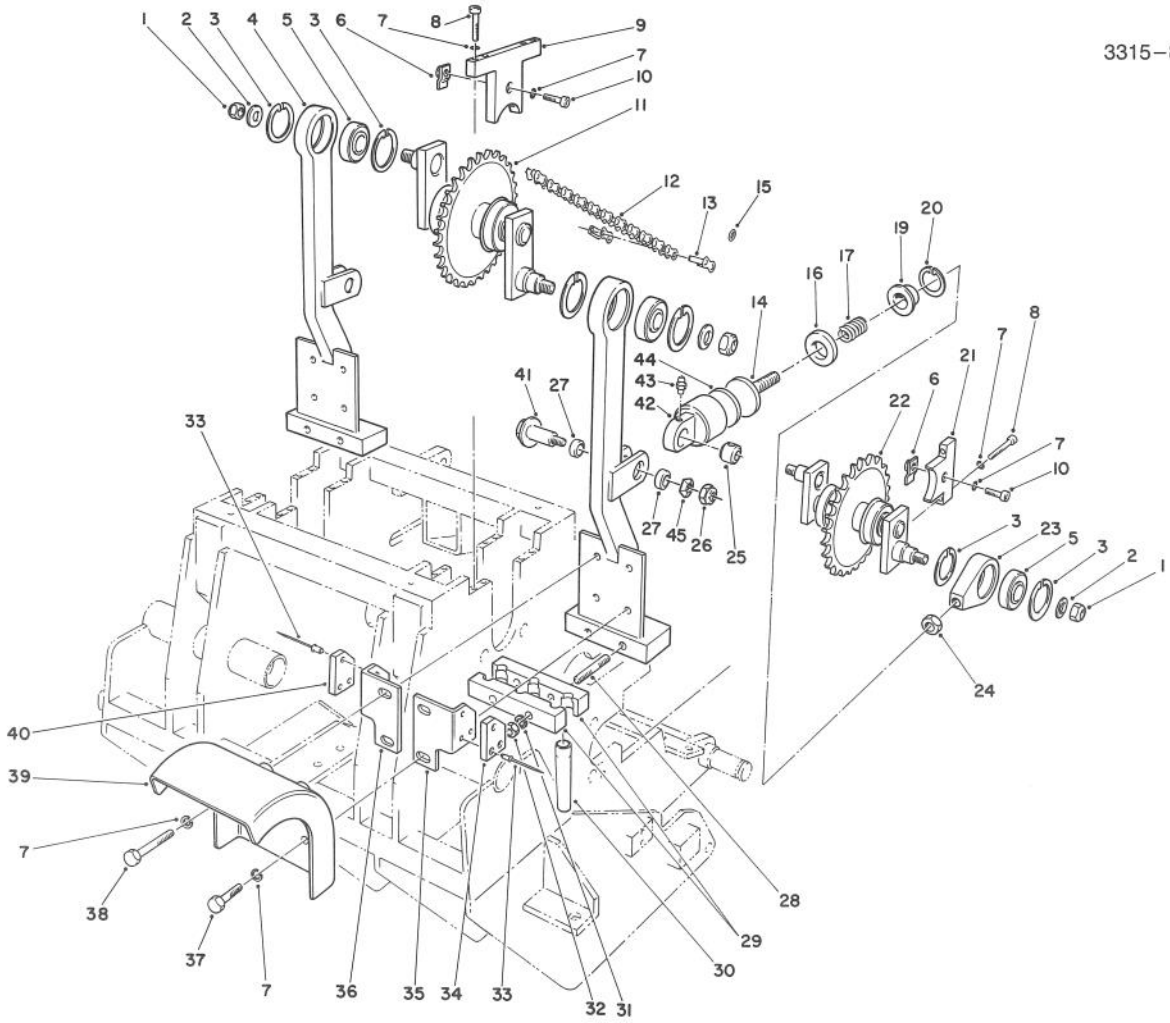


T–0224A

TURF GUARD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3211–12	Screw–Cap Hex Hd.	4
2	3256–4	Washer – Flat	8
3	59–3490	Spring – Compression	4
4	59–2770	Rod – Pivot	2
5	3272–6	Pin – Cotter	8
6	3219–3	Nut	4

Ref. No.	Part No.	Description	No. Used
7	282–22	Clevis	4
8	283–2	Pin – Clevis	4
9	72–4660	Turf Guard – R.H.	1
10	72–4680	Turf Guard – Center	1
11	72–4640	Turf Guard – L.H.	1
12	3256–26	Washer – Flat	6



T–0225

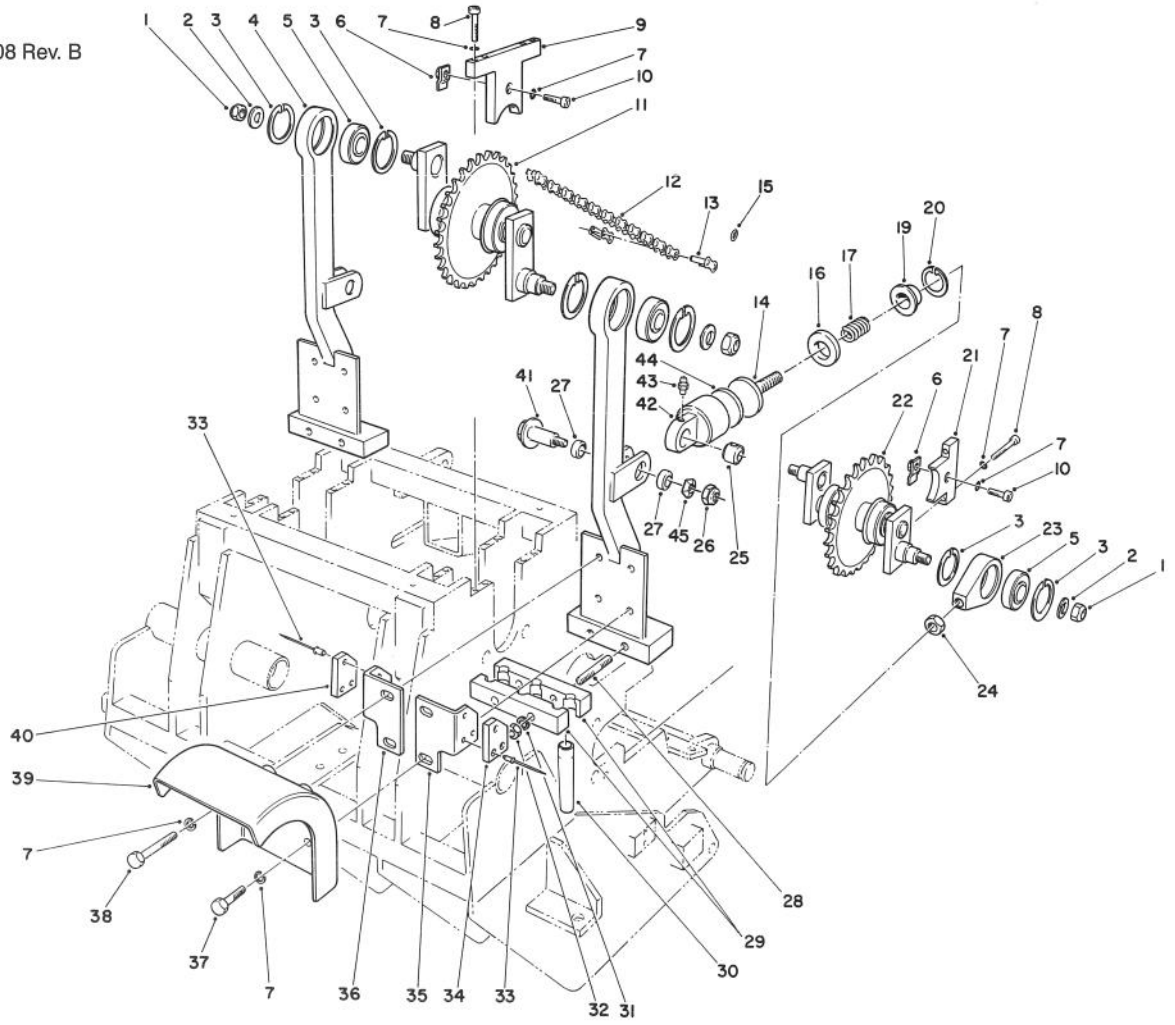
TINE ARM & CRANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–67	Nut – Hex	8
2	3256–44	Washer – Flat	8
3	32120–22	Ring – Retaining	16
4	13–1509	Arm–Tine (Incl. Ref. #1, 27 & 28)	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	66–4030	Assembly – Crank, Long	2
12	59–2080	Chain – Roller	2
13	287–13	Link – Connecting	2
14	70–9770	Rod–Ram	4
15	72–4760	O–Ring Seal, Chain	A/R
16	59–3480	Cushion	4
17	66–9010	Spring – Compression	4
19	59–3450	Retainer	4
20	32151–75	Ring – Retaining	4
†21		Cap – Bearing	4
22	66–4040	Assembly – Crank ,Short	2
23	59–3410	Head – Bearing	4
24	3218–6	Nut – Jam	4
25	59–3520	Bushing – Long	4
26	3296–44	Nut–Lock	4
27	59–3510	Bushing – Short	8

Ref. No.	Part No.	Description	No. Used
28	61–9160	Stud	8
29	59–2500	Block	8
*	62–4610	Block (For 3/4" Tines)	8
30	59–3670	Tine – Coring, 5/8"	12
*	66–9140	Tine – Coring, 1/2"	12
*	59–3690	Tine – Coring, 3/8"	12
*	62–4600	Tine – Coring, 3/4"	12
*	59–9770	Tine – Coring, 5/8" Long Wear	12
*	92–7941	Tine – Open Center 7/8"	12
*	77–5320	Tine – Spiker, 5/16"	12
31	3253–7	Washer – Lock	8
32	3217–9	Nut–Hex	8
33	3269–3	Rivet – Pop	24
34	59–2520	Plate – Wear R.H.	4
35	66–8980	Assy. – Wear Plate, R.H. (Incl. Ref. #33 & 34)	4
36	66–8990	Assy. – Wear Plate, L.H. (Inc. Ref. #33 & 40)	4
37	323–6	Screw – Cap Hex Hd.	8
38	323–11	Screw – Cap Hex Hd.	8
39	59–4220	Deflector – Kickout	4
40	59–2550	Plate – Wear L.H.	4
41	80–3830	Bolt – Shoulder	4
42	59–3420	Housing	4
43	302–5	Fitting – Grease	4
44	59–3470	Cushion	4

*Not Illustrated

†Included with Coring Head Frame Assembly #72–9100.



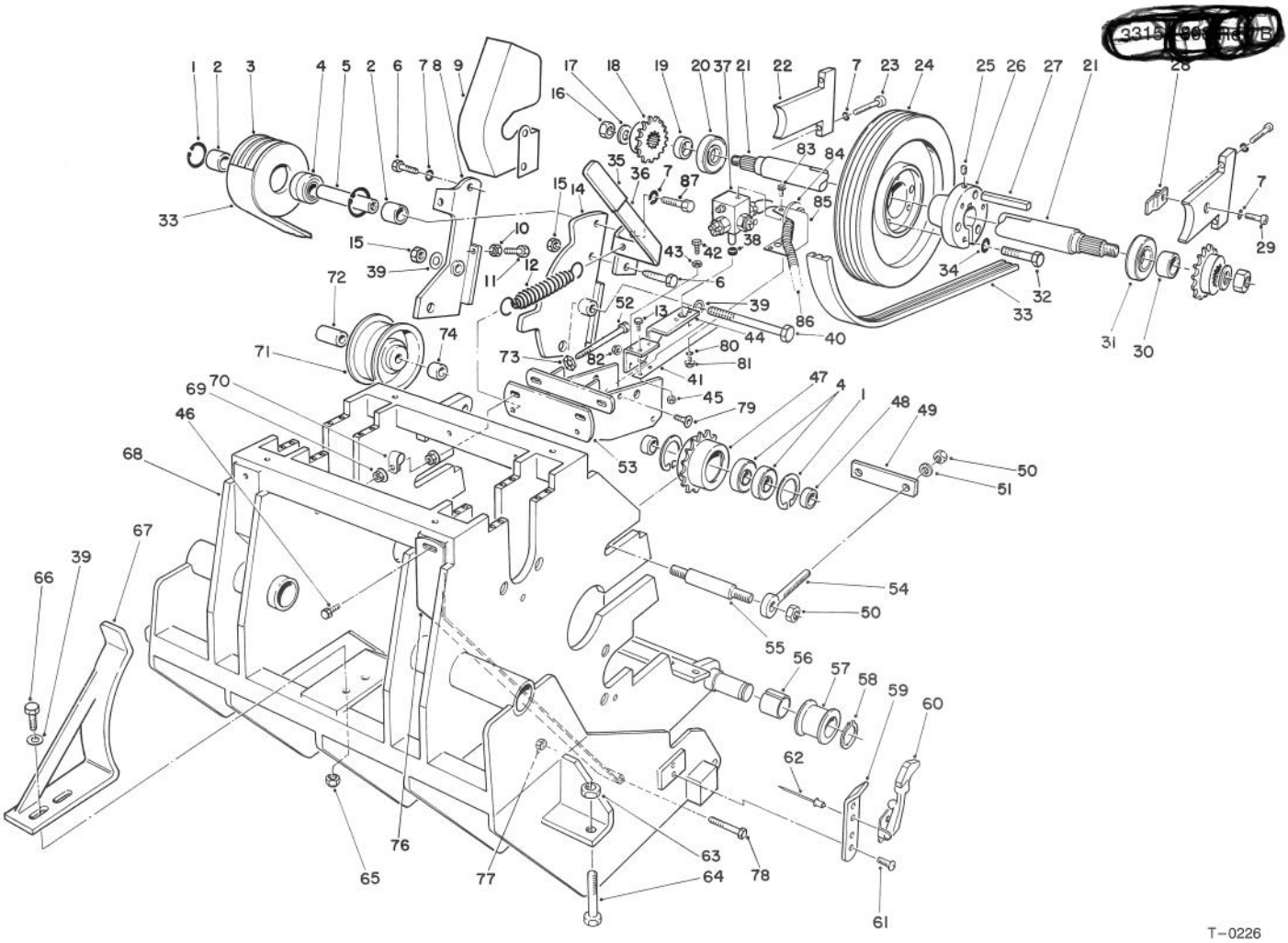
T–0225

TINE ARM & CRANK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	3290–224	Washer – Pyramidal	4
*	62–4740	Timing Rod	4

Ref. No.	Part No.	Description	No. Used
*	12–3819	Assembly – Damper (Incl. Ref.#14, 16,17, 19–20, 25 & 42–44)	1

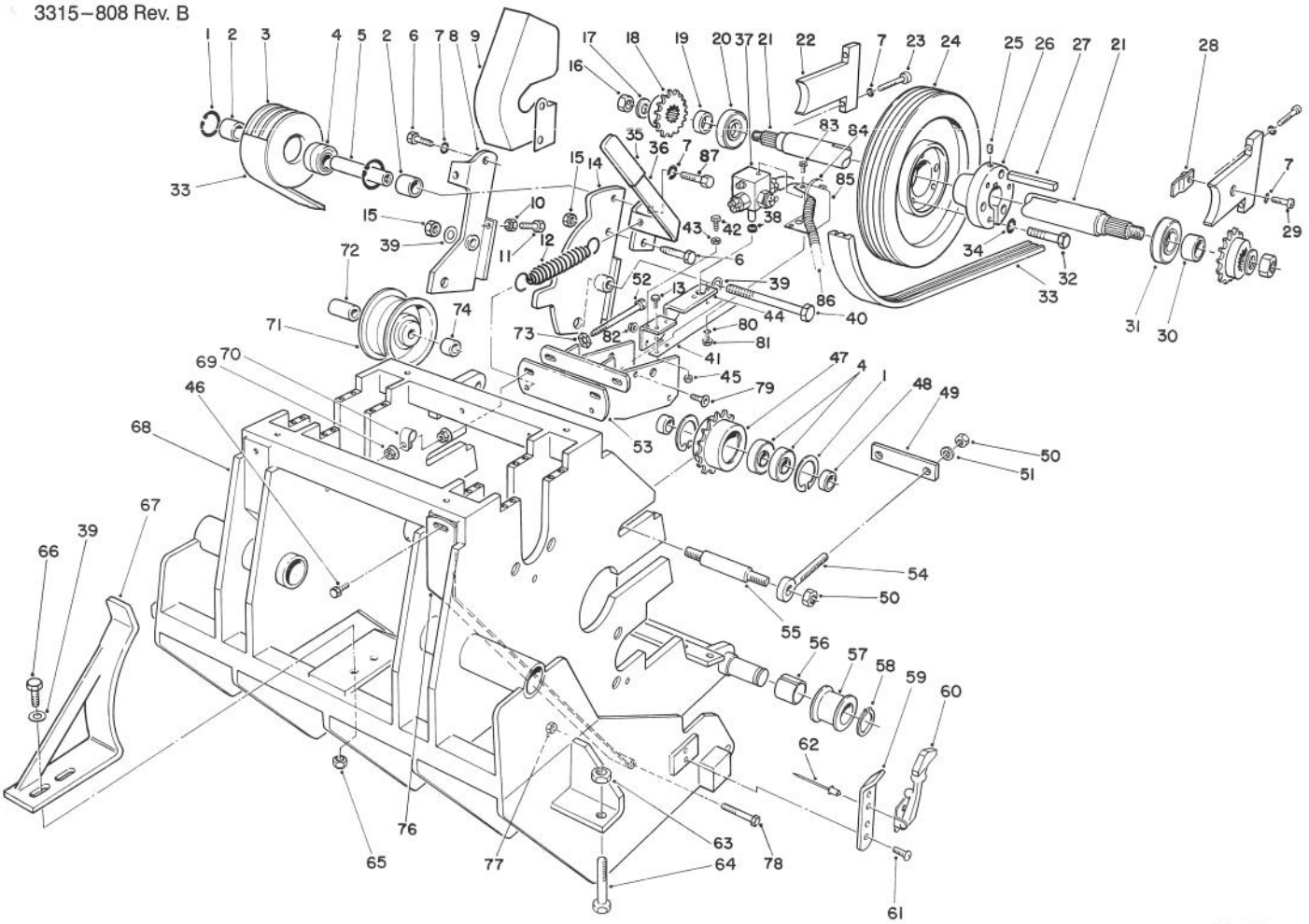
*Not Illustrated



CORING HEAD DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32120–11	Ring – Retaining	6
2	66–4380	Spacer	2
3	66–3470	Pulley – Idler	1
4	251–297	Bearing	6
5	66–3480	Shaft – Idler	1
6	323–6	Screw – Cap, Hex. Hd.	2
7	3253–21	Washer – Lock	9
8	66–4320	Bracket W.A. – Idler L.H.	1
9	66–8910	Guard – Pulley	1
10	3218–1	Nut – Jam	2
11	321–43	Screw – Cap, Hex. Hd.	2
12	66–4270	Spring – Extension	2
13	3290–359	Screw – Machine, Hex. Hd.	2
14	66–4280	Bracket W.A. – Idler R.H.	1
15	32153–2	Nut – Lock	2
16	3296–67	Nut – Lock	2
17	3256–44	Washer – Flat	2
18	66–3790	Sprocket	2
19	66–4690	Spacer	1
20	251–312	Bearing	1
21	66–3840	Shaft – Power	1
22		Cap – Bearing	2
23	3274–50	Screw – Cap, Socket Hd.	4
24	59–2130	Pulley	1
25	3245–2	Screw – Set	1
26	59–3790	Bushing Assembly (Incl. Ref. #25, 32 & 34)	1

Ref. No.	Part No.	Description	No. Used
27	59–4210	Key	1
28	59–2710	Clip – Retaining	3
29	3274–7	Screw – Cap, Socket Hd.	3
30	66–4680	Spacer	1
31	251–313	Bearing	1
32	322–7	Screw – Cap, Hex. Hd.	3
33	66–4070	V–Belt	1
34	3253–4	Washer – Lock	3
35	3–7877	Grip – Handle	1
36	66–4560	Handle	1
37		Assembly – Switch	1
38	253–166	Seal	1
39	3256–24	Washer – Flat	4
40	323–25	Screw – Cap, Hex. Hd.	1
41	66–4480	Actuator – Switch	1
42	3290–360	Screw – Hex. Head	1
43	3217–26	Nut – Jam	1
44	80–3820	Bracket – Switch	1
45	3296–12	Nut – Lock	2
46	46–8560	Screw – Thread Forming	2
47	59–2390	Sprocket	2
48	59–2600	Bushing	4
49	59–2070	Bar – Keeper	2
50	3296–23	Nut – Lock	8
51	3256–26	Washer – Flat	4
52	323–20	Screw – Cap, Hex. Hd.	2
53	80–4020	Bracket – Idler Pulley Pivot	1



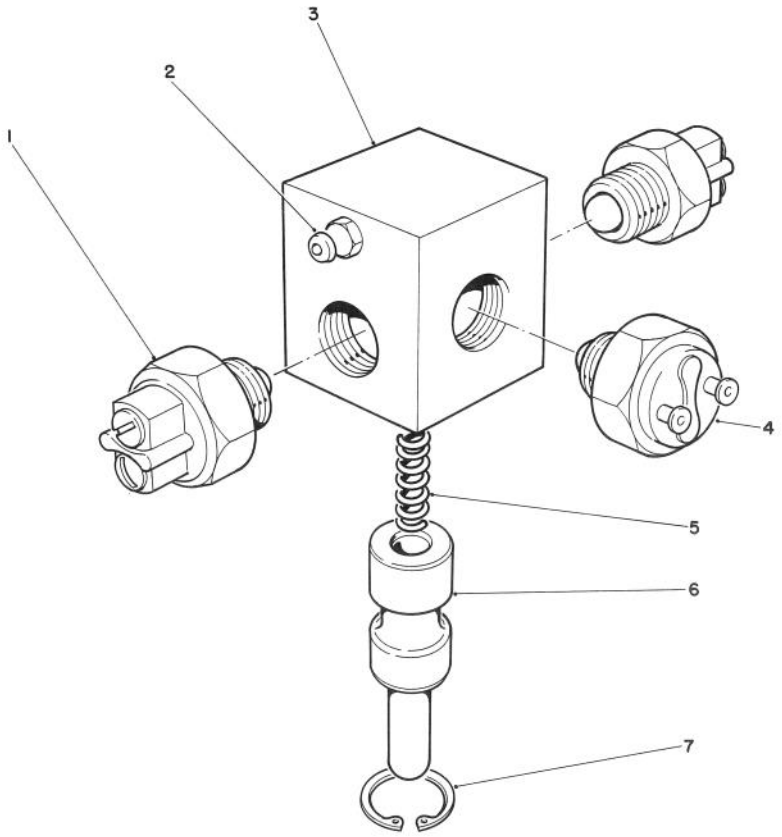
T–0226

CORING HEAD DRIVE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	59–2620	Eye Bolt	4
55	59–2610	Shaft	2
56	256–319	Bushing – Split	2
57	84–8480	Sleeve	2
58	32151–77	Ring – Retaining	2
59	59–9640	Plate – Handle	2
60	59–9750	Assembly – Latch	2
61	32140–29	Screw – Washer Hd.	4
62	3269–4	Rivet – Pop	4
63	3218–5	Nut – Jam	2
64	60–9870	Screw – Adjustment	2
65	3296–59	Nut – Lock	2
66	323–4	Screw – Cap, Hex. Hd.	2
67	66–3810	Guide W.A. – Belt	1
68	72–9100	Coring Head W.A.	1
69	32128–19	Nut – Lock, Flange Hd.	3
70	2412–68	R–Clamp	1
71	37–5760	Pulley – Idler	1
72	59–2580	Spacer – Long	1

Ref. No.	Part No.	Description	No. Used
73	3290–224	Washer – Lock, Pyramidal	2
74	59–2570	Spacer – Short	1
76	76–2370	Guard – Chairn	2
77	3296–42	Nut – Lock	2
78	321–33	Screw – Cap, Hex. Hd.	2
79	3289–4	Screw – Flat Hd. Hex. Soc.	2
80	3253–12	Washer – Lock	2
81	32105–8	Screw – Washer Head	2
82	32128–33	Nut – Flange	2
83	32144–73	Screw – Hex. Washer Head Thread Forming	1
84	3290–378	Tie – Cable	1
85	80–3930	Guard – Switch	1
86	80–3810	Wiring Harness – Coring Head Switch	1
87	323–7	Screw – Cap Hex. Hd.	1
*		Coring Head Stand Model No. 09152 (Optional)	1

*Not Illustrated

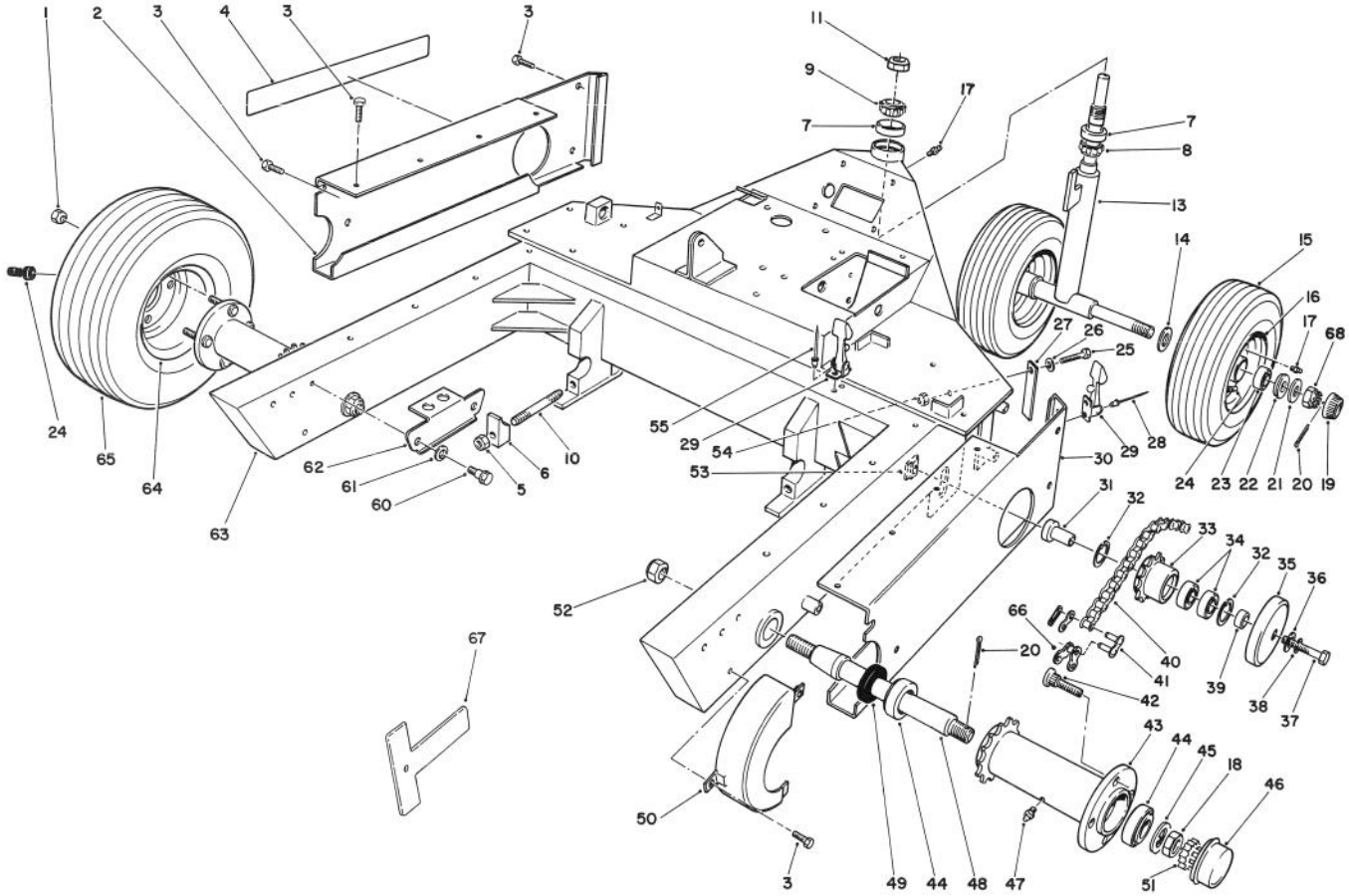


T–1173

SWITCH ASSEMBLY – CORING HEAD

Ref. No.	Part No.	Description	No. Used
1	19–2530	Switch – Start. Safety N.O.	2
2	302–22	Fitting – Grease	1
3	80–2830	Housing Switch	1
4	28–4250	Switch – Neutral N. C.	1

Ref. No.	Part No.	Description	No. Used
5	10–4850	Spring – Compression	1
6	80–2840	Plunger – Switch	1
7	32151–54	Ring – Retaining	1



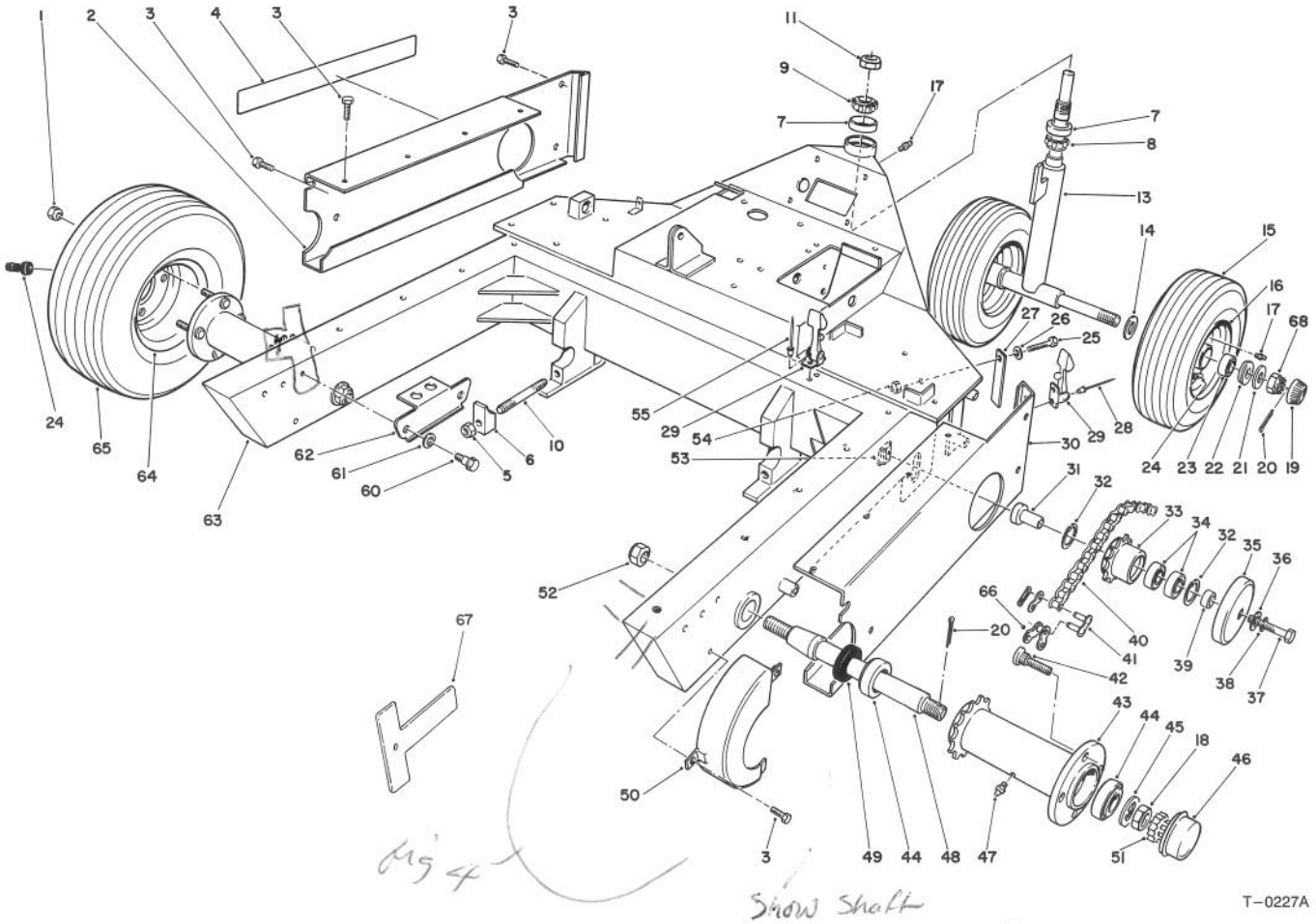
T–0227A

CHASSIS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	242–50	Nut – Lug	8
2	66–9070	Guard – Chassis L.H.	1
3	46–8560	Screw– Cap Hex. Hd.	18
4	59–4440	Decal – Greens Aerator	2
5	3296–45	Nut – Lock	2
6	82–8020	Clamp	2
7	254–61	Cup – Bearing	2
8	254–70	Cone – Bearing	1
9	254–62	Cone – Bearing	1
10	61–9160	Stud	2
11	3296–68	Nut – Lock	1
13	80–2710	Assembly – Front Axle	1
14	22–6090	Washer – Thrust	2
15	231–126	Tire	2
16	241–123	Rim	2
17	302–5	Fitting – Grease	3
18	3220–7	Nut – Jam	2
19	61–9780	Cap–Hub	2
20	3272–13	Pin – Cotter	4
21	28–2480	Washer	2
22	59–9650	Retainer – Bearing	4
23	252–105	Bearing – Roller	4
24	232–35	Stem – Valve w/Cap	4
25	321–6	Screw – Cap, Hex Hd.	2
26	3256–22	Washer – Flat	2
27	59–9460	Guide	2

Ref. No.	Part No.	Description	No. Used
28	3296–8	Rivet – Pop	4
29	59–9740	Assembly – Latch	3
30	59–3240	Guard – Chassis R.H.	1
31	59–2420	Bushing	2
32	32120–11	Ring – Retaining	4
33	59–2390	Sprocket – Idler	2
34	251–297	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	2710–16	Link – Connecting	2
42	10–6830	Stud – Drive	8
43	59–4040	Assembly – Hub (Incl. Ref. #42)	2
44	254–105	Bearing – Roller	4
45	93–0309	Washer – Tab	2
46	59–2380	Cap – Dust	2
47	302–10	Grease Fitting	2
48	93–0177	Shaft	2
49	253–158	Seal – Shaft	2
50	59–3280	Guard – Sprocket R.H.	1
*	59–3270	Guard – Sprocket L.H.	1
51	93–0307	Nut – Retainer	2

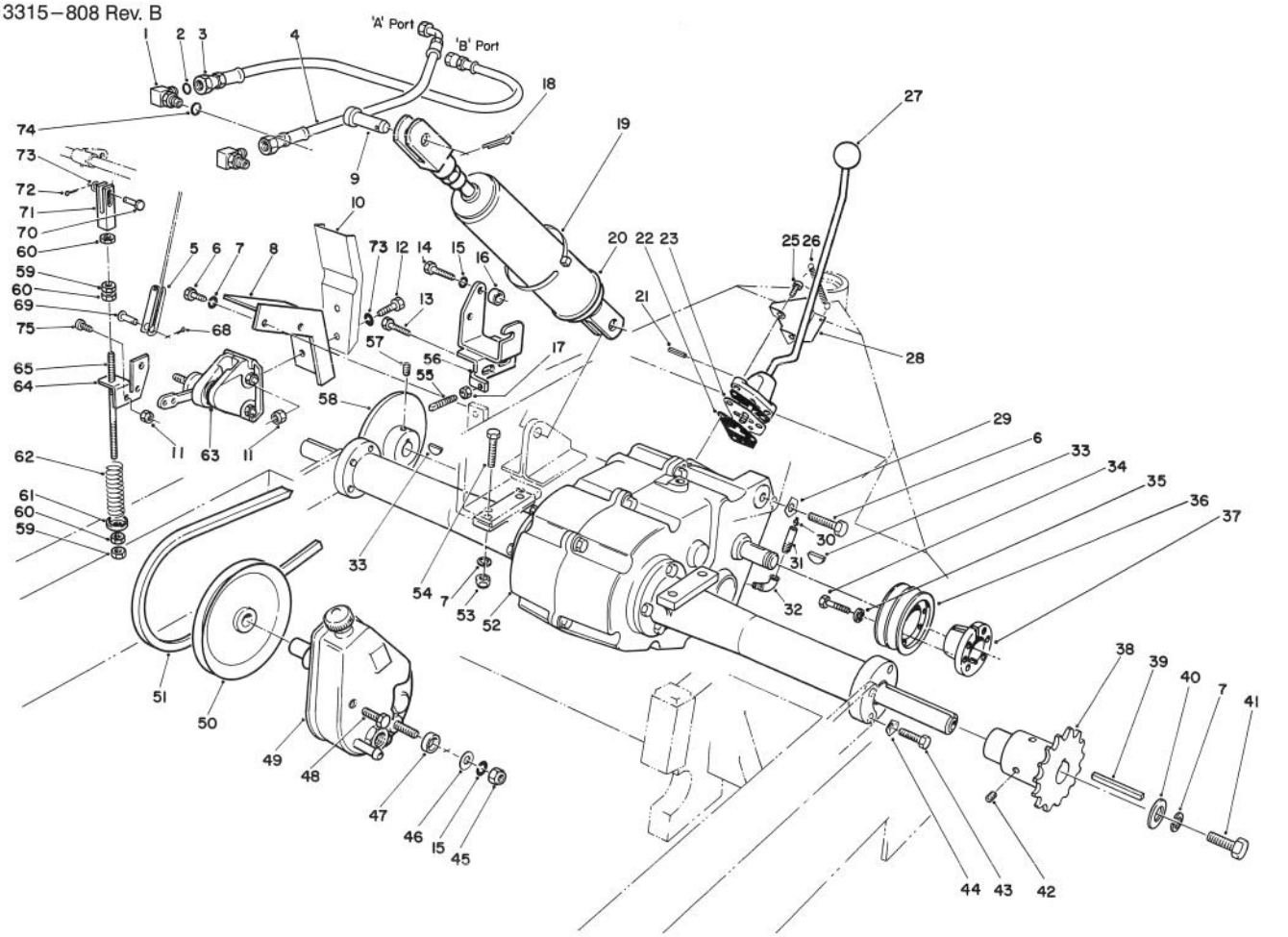
*Not Illustrated



CHASSIS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	3296–15	Nut – Lock	2
53	59–2430	Nut – Special	2
54	3296–42	Nut – Lock	2
55	3290–271	Rivet – Pop	2
60	5–2490	Bolt – Shoulder	2
61	3–3287	Spacer	2
62	66–4530	Bracket – Lockup	2

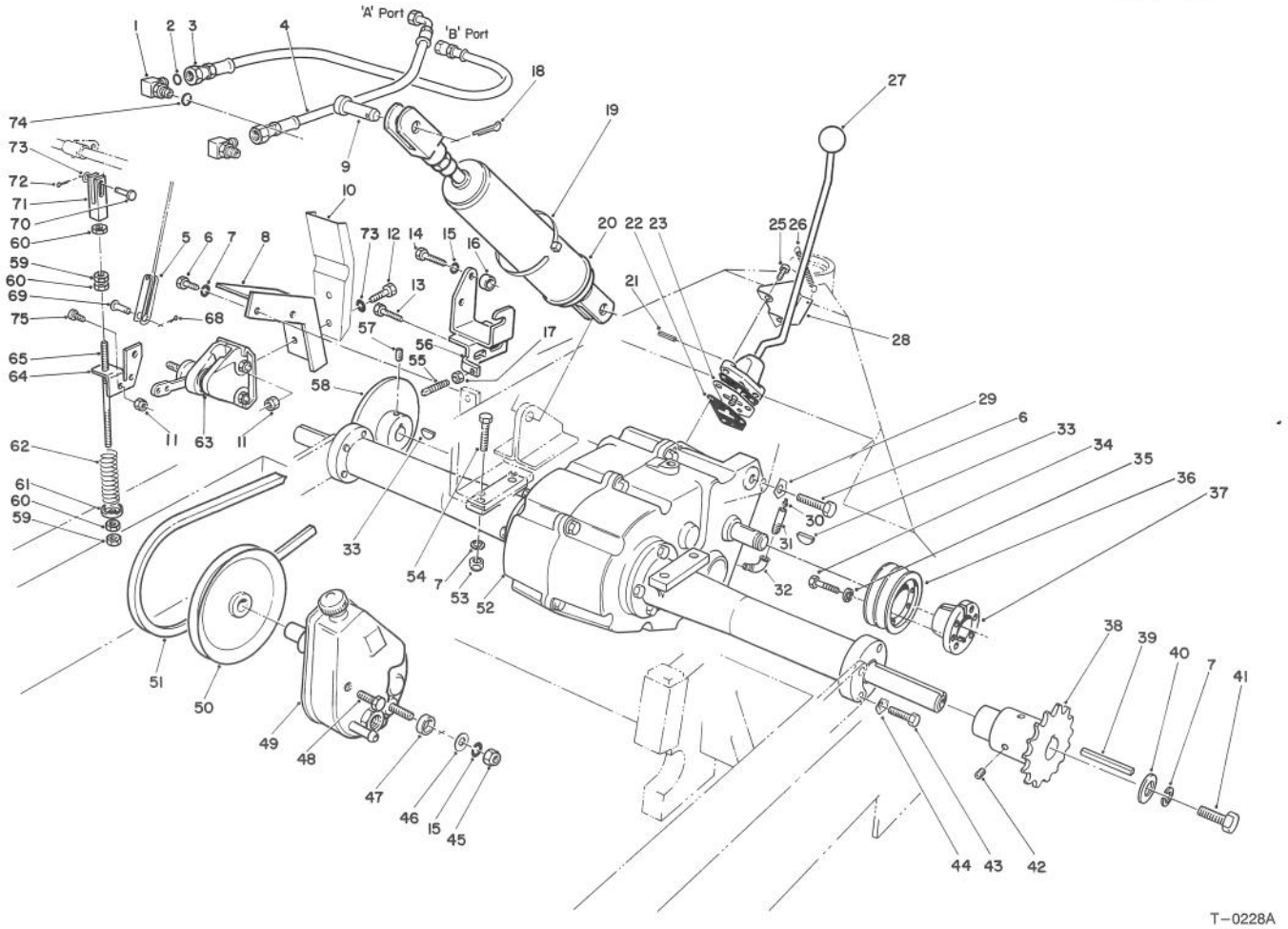
Ref. No.	Part No.	Description	No. Used
63	72–9000	Frame	1
64	217–60	Rim	2
65	231–119	Tire	2
66	2710–20	Link – Single Pitch	2
67	60–9930	Frame Gauge	1
68	32136–5	Nut – Hex. Slotted	2



TRANSAXLE, BRAKE & PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	340–82	Fitting (Incl. Ref. #2 & 74)	2
2	237–21	O–Ring	2
3	76–2300	Hose – Cylinder	1
4	59–4160	Hose – Cylinder	1
5	66–3930	Clevis	1
6	323–6	Screw – Cap, Hex. Hd.	3
7	3253–21	Washer – Lock	8
8	76–2620	Bracket W.A.	1
9	283–74	Pin – Clevis	2
10	72–9120	Pan – Engine Oil Drain	1
11	3296–42	Nut – Lock	3
12	321–4	Screw – Cap, Hex. Hd.	2
13	11–0590	Screw – Thread Forming Hex. Washer Hd.	2
14	48–9470	Screw – Cap Hex Hd.	2
15	3253–6	Washer – Lock	3
16	59–4320	Spacer	2
17	3218–3	Nut – Jam	1
18	3272–12	Pin–Cotter	2
19	3290–379	Tie – Cable	1
20	62–4660	Assembly – Cylinder	1
21	32121–20	Pin – Roll	1
22	27–6390	Gasket	2
23	66–3290	Plate – Guide Shift	1
25	3274–26	Screw – Socket Hd.	3
26	66–4460	Spring	1
27	233–13	Knob	1

Ref. No.	Part No.	Description	No. Used
28	66–3920	Bracket – Spring	1
29	3290–224	Washer – Pyramidal	1
30	281–1	Plug – Oil	1
31	68–3110	Tube–Oil	1
32	2811–10	Elbow – Street	1
33	3257–5	Key	2
34	321–13	Screw – Cap, Hex. Hd.	3
35	3253–3	Washer – Lock	3
36	59–2140	Pulley	1
37	59–2150	Bushing (Inc. Ref. #34 & 35)	1
38	59–3110	Sprocket	2
39	5–0786	Key	2
40	3–4685	Washer – Thrust	2
41	323–5	Screw – Cap, Hex. Hd.	2
42	3247–2	Screw – Set	4
43	322–5	Screw – Cap, Hex. Hd.	4
44	3290–238	Washer – Pyramidal	4
45	21–0360	Hex Nut (Metric)	1
46	3256–25	Washer – Flat	1
47	59–4310	Spacer	1
48	60–9920	Screw (Metric)	1
49	44–7800	Pump – Steering	1
50	38–1830	Pulley – Steering Pump	1
51	59–4200	V–Belt	1
52	66–4590	Transaxle	1
53	3217–7	Nut	4

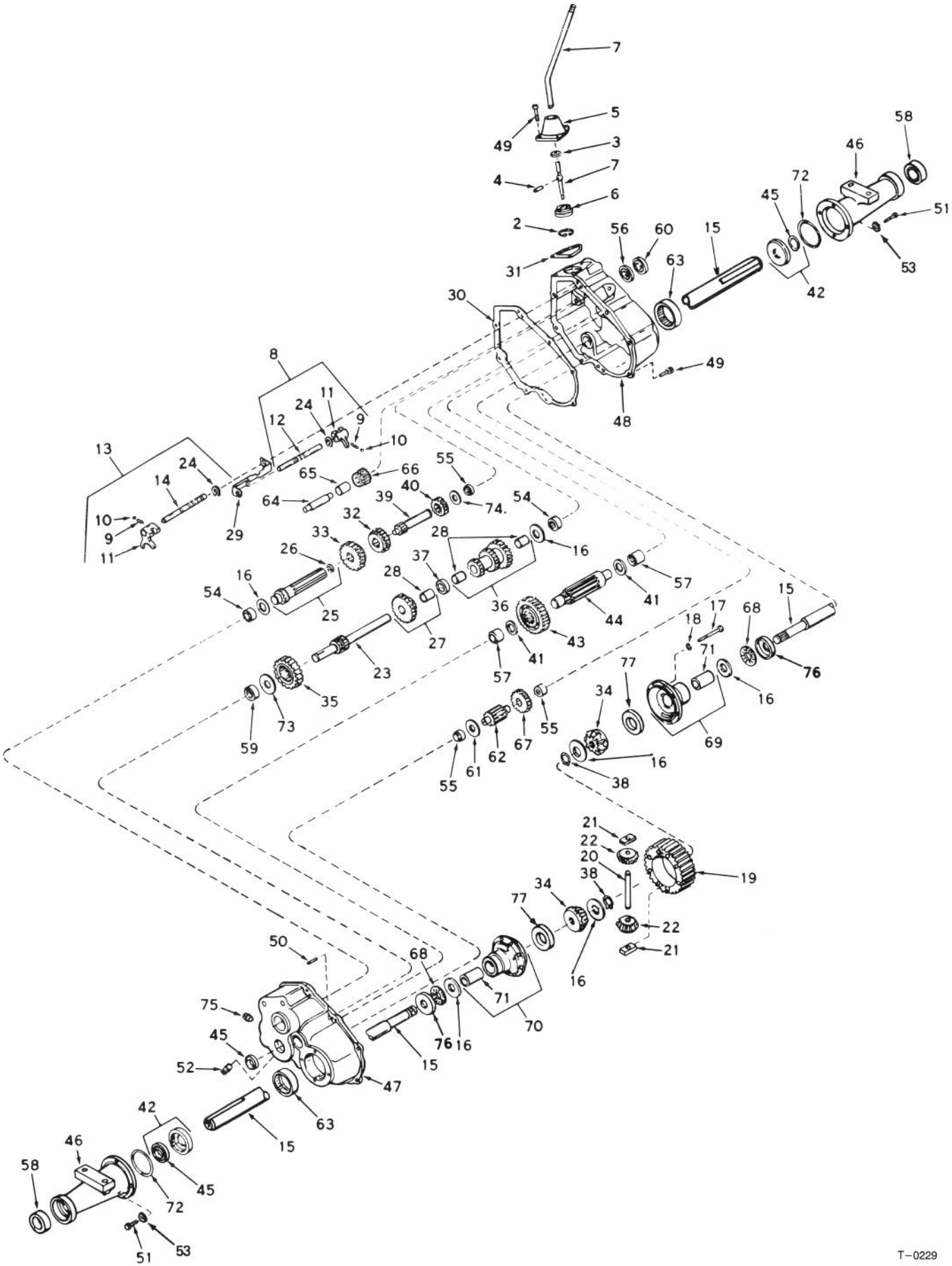


TRANSAXLE, BRAKE & PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	323–10	Screw – Cap, Hex. Hd.	4
55	3243–9	Screw – Set, Sq. Hd.	1
56	72–4860	Bracket – Pump Support	1
57	3245–33	Screw – Set	2
58	59–4100	Brake W.A. – Disc	1
59	3220–1	Nut – Jam	2
60	3219–1	Nut – Hex.	3
61	66–3390	Retainer – Brake Spring	1
62	66–4150	Spring	1
63	76–2590	Brake – Caliper	1

Ref. No.	Part No.	Description	No. Used
64	80–3890	Arm – Brake	1
65	66–3400	Rod – Brake Take–up	1
68	3272–4	Pin – Cotter	1
69	283–2	Pin – Clevis	1
70	283–67	Pin – Clevis	1
71	66–4600	Clevis – Brake	1
72	3272–4	Pin – Cotter	1
73	3296–22	Washer – Flat	3
74	237–42	O–Ring	2
75	321–5	Screw – Cap Hex. Hd.	2

TRANSAXLE ASSEMBLY MODEL NO. 2361A

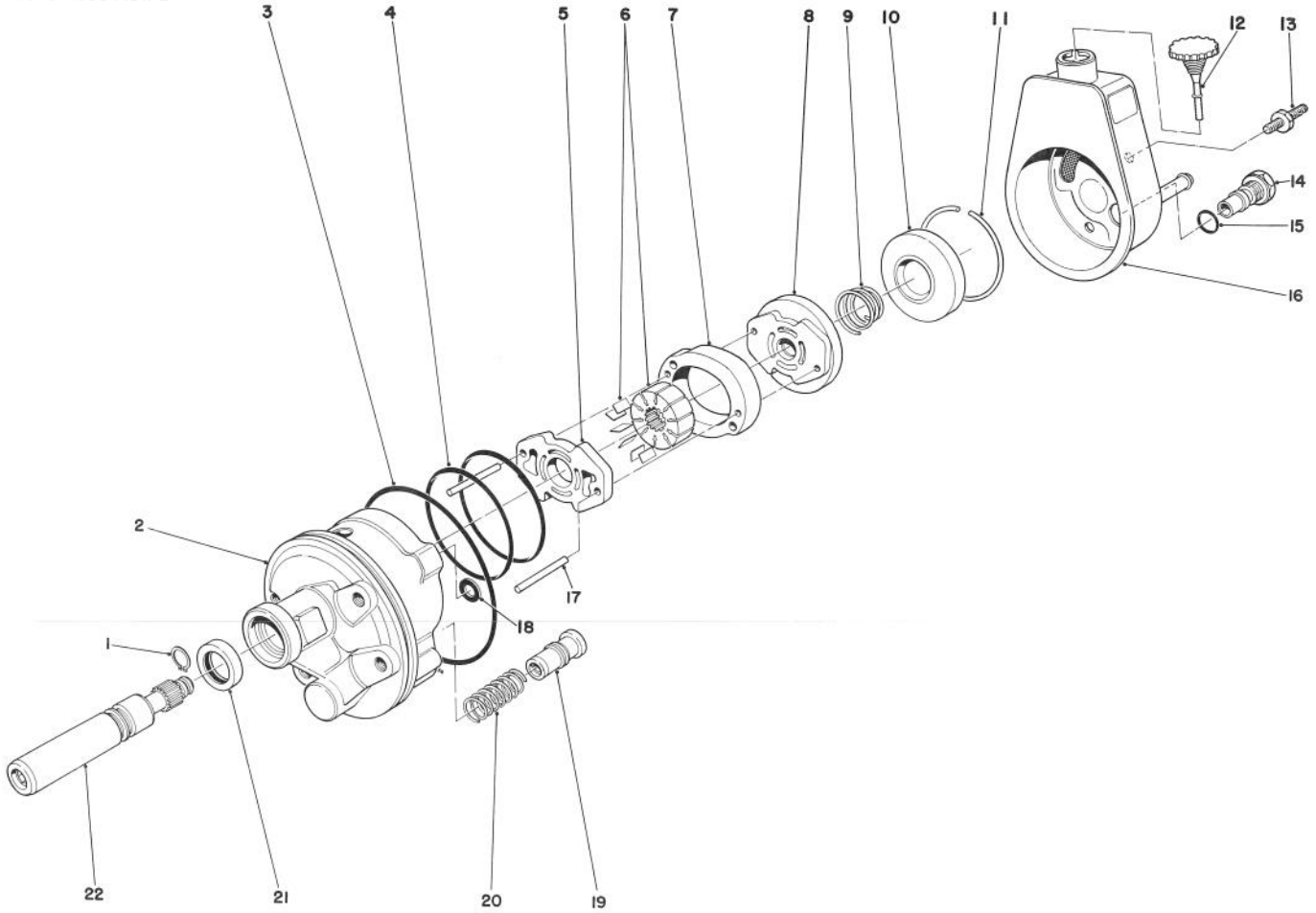


TRANSAXLE ASSEMBLY MODEL NO. 2361A (Continued)

Ref. No.	Part No.	Description	No. Used
2	792016	Ring – Snap	1
3	792001	Ring – Quad	1
4	792049	Pin – Roll	1
5	784344	Housing – Shift Lever	1
†6	66–9080	Keeper – Shift Lever	1
7	784343A	Lever – Shift	1
8	784054	Rod Assy. – Shift (Inc. 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	778197	Pinion – Bevel	2
23	776029A	Shaft & Gear – Brake	1
24	792017	Ring–Snap	2
25	776189A	Pinion Shaft & Bearing (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 – Lever Housing	1
32	778217	Gear – Shifting (3rd & 4th)	1
33	778020	Gear – Shifting (1st, 2nd & Rev.)	1
34	778231	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	776067	Shaft – Input	1
40	778024A	Spur Gear – Input Shaft	1

Ref. No.	Part No.	Description	No. Used
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 (10.906" long)	2
47	772016A	Cover Assy. – Transaxle (Inc. Ref. #54, 55, 57, 59 & 63)	1
48	770012	Case Assy. – Transaxle (Inc. Ref. #54, 55, 57 & 63)	1
49	792007	Screw – Flanged Hex Hd.	11
50	786026	Pin – Dowel	2
51	792037	Screw – Hex Hd.	8
52	792019	Plug – Magnetic Drain	1
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 (Inc. Ref. #71)	1
71	780041	Bushing	2
72	788024	O–Ring	2
73	780007	Washer – Thrust	1
74	780051	Washer – Thrust	1
75	792122	Plug – Pipe	1
76	780075	Race – Thrust	2
77	780107	Washer	2
†78	3274–26	Screw – Socket Hd.	3

†Obtain from your local Toro dealer.



T–0230

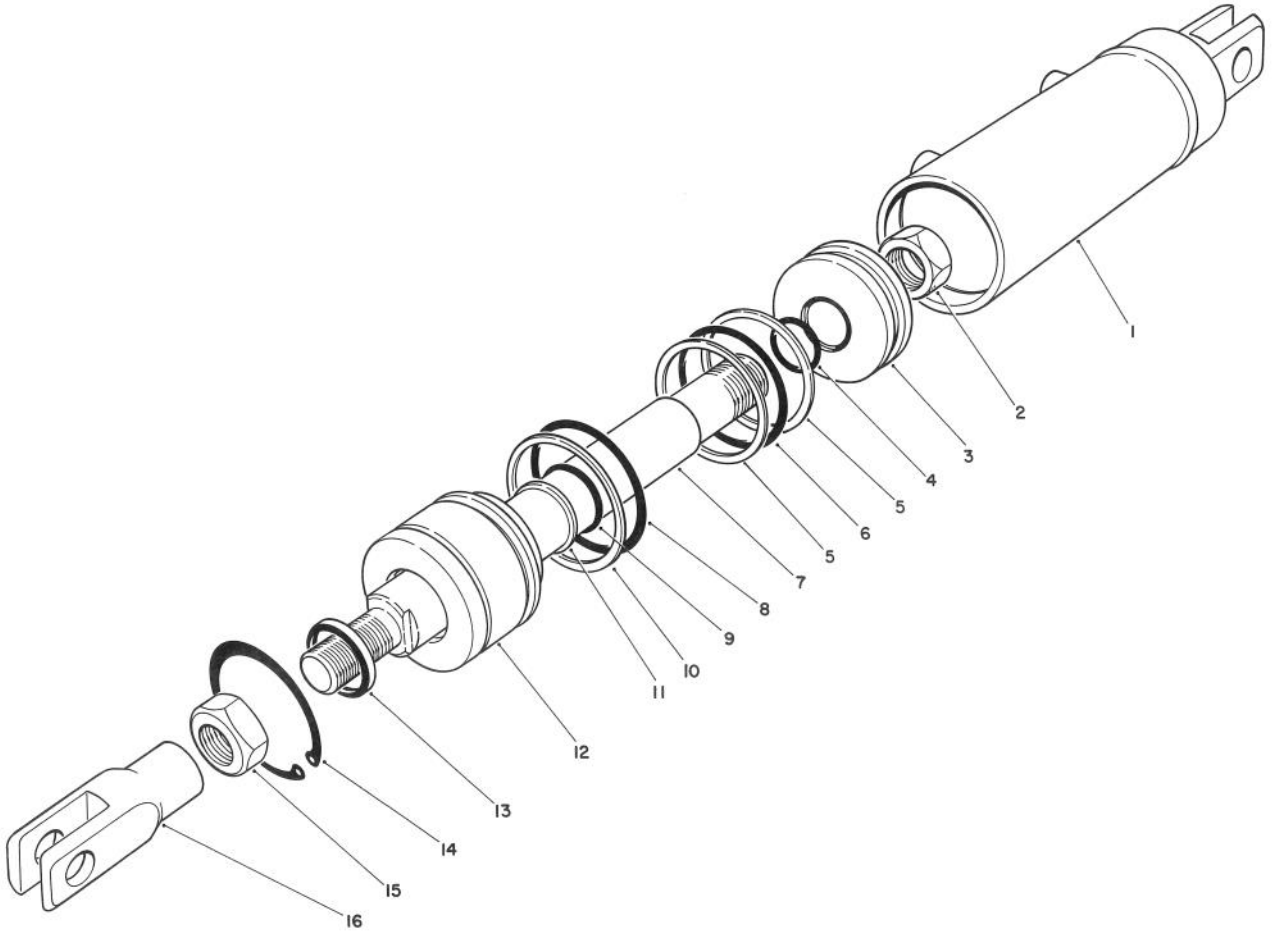
PUMP ASSEMBLY NO. 44–7800

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	Assy. – Cap, Reservoir	1
13	39–8700	Stud Pump Mounting	2
14	39–8680	Assembly – Fitting (Incl. Ref. #15)	1

Ref. No.	Part No.	Description	No. Used
15	39–8710	Seal – O–Ring	1
16	37–8400	Pump Reservoir Service Kit (Incl. Ref. #3 & 18)	1
17	37–8300	Pin – Pump, Ring Dowel	2
18		Seal	2
19	37–8410	Assembly – Valve, 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

†Not Serviced Separately

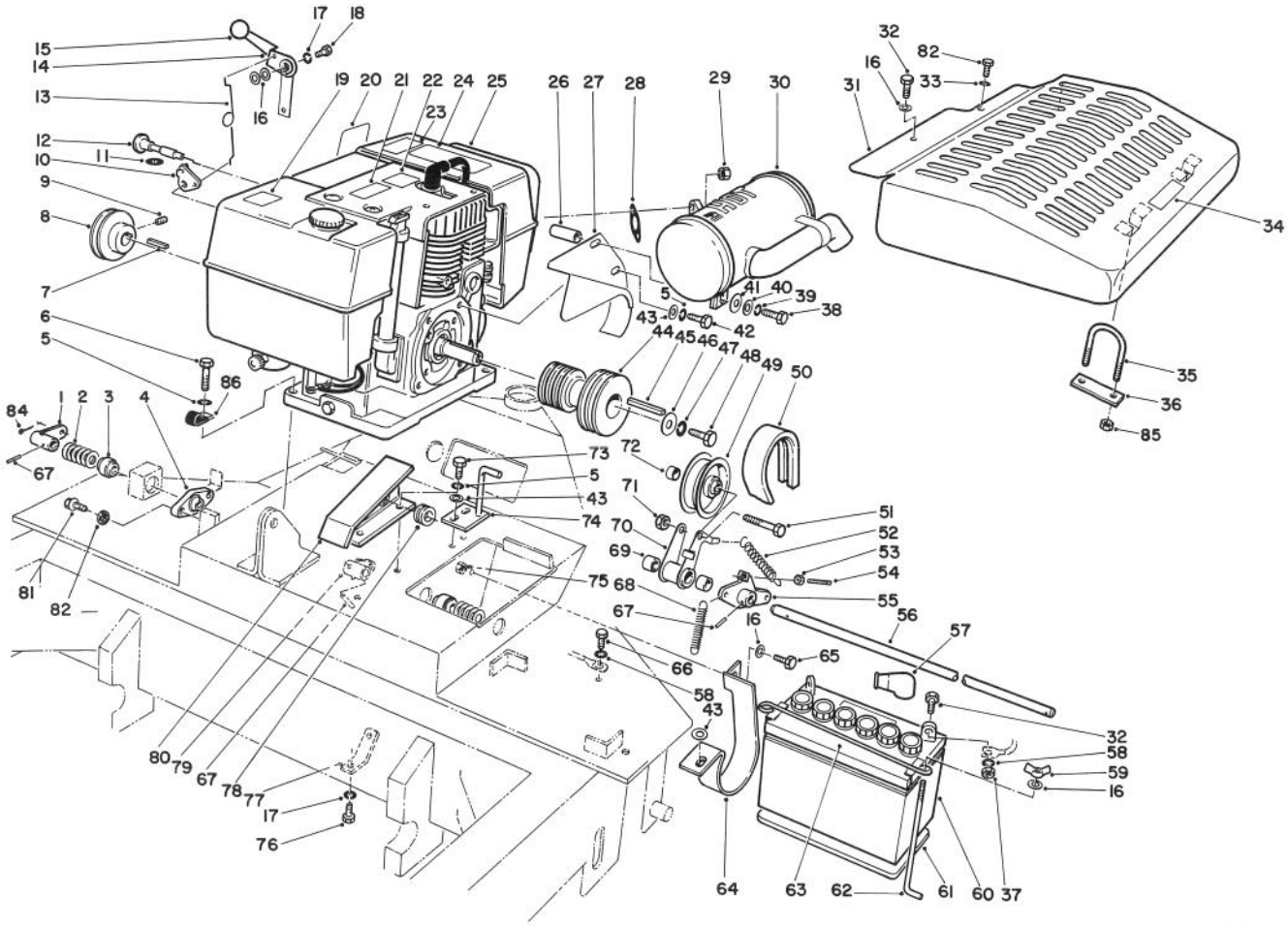


T–0231

HYDRAULIC CYLINDER ASSEMBLY NO. 62–4660

Ref. No.	Part No.	Description	No. Used
†1		Assembly – Barrel	1
2	60–9760	Nut – Lock	1
3	62–4690	Piston	1
†4		O–Ring	1
†5		Ring – Back–Up	2
†6		O–Ring	1
7	62–4700	Rod	1
†8		O–Ring	1
†9		O–Ring	1
†10		Ring – Back–Up	1
†11		Ring – Back–Up	1
12	62–4680	Head	1
†13		Dust Seal	1
14	32120–65	Ring – Retaining	1
15	3220–7	Nut – Jam	1
16	62–4670	Clevis – Rod	1
*	62–4720	Seal Repair Kit (Inc. Ref. #4–6, 8–11, 13 & 14)	1

*Not Illustrated
†Not Serviced Separately

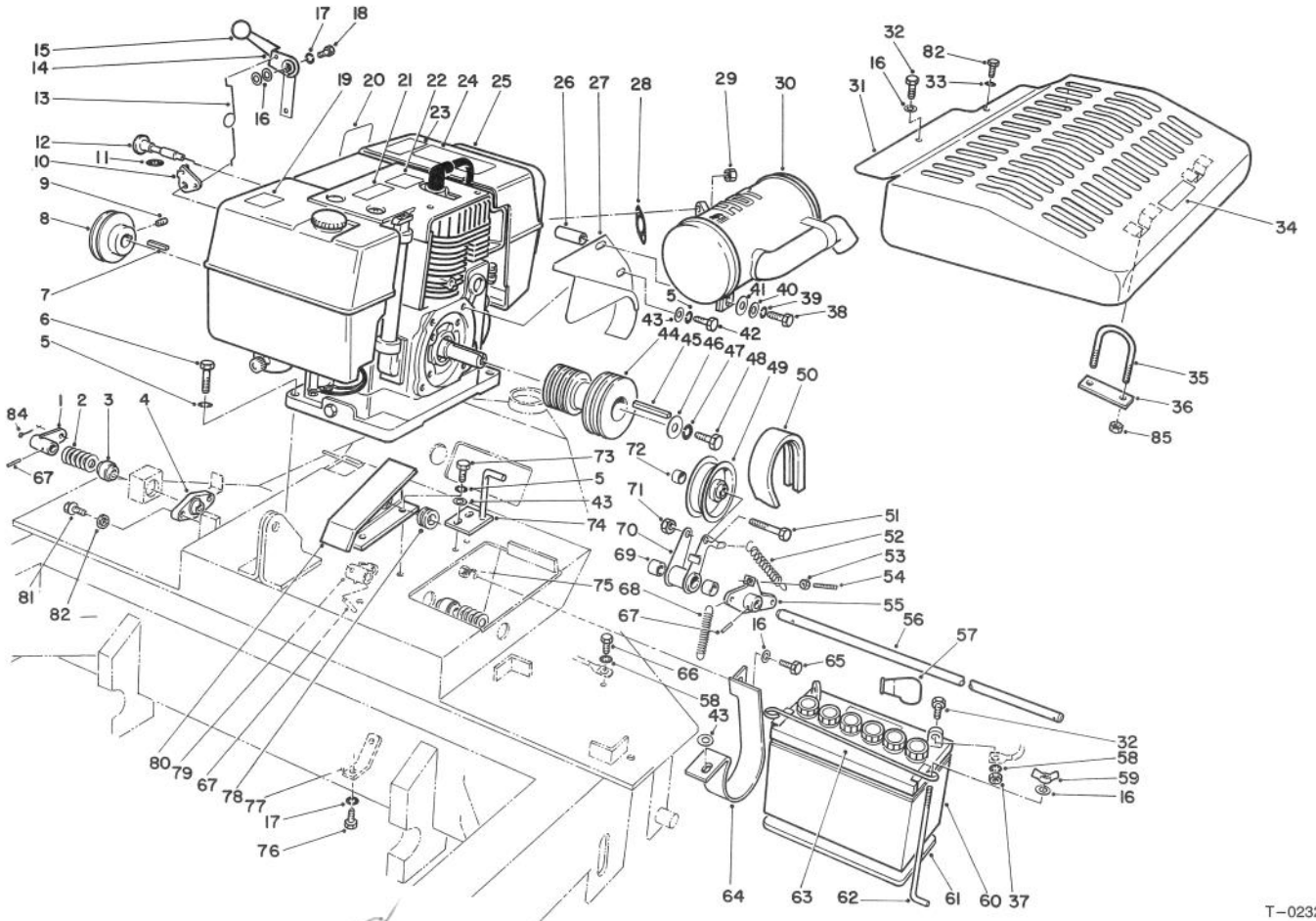


T–0232A

CLUTCH & ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72–8650	Arm – Cross Shaft	1
2	3256–69	Washer – Flat	11
3	66–4730	Bearing	3
4	66–4520	Housing – Bearing	1
5	3253–21	Washer – Lock	10
6	11–0590	Screw – Cap Hex Hd.	4
7	13–2840	Key	1
8	61–9150	Pulley	1
9	3245–2	Screw – Set	2
10	59–4740	Bell Crank	1
11	3255–5	Washer – Lock, Int. Tooth	1
12	59–4400	Control – Choke	1
13	72–9040	Wire – Linkage	1
14	62–4800	Handle – Throttle (Incl. Ref. #15)	1
15	233–25	Knob	1
16	3256–22	Washer – Flat	6
17	3253–3	Washer – Lock	2
18	321–9	Screw – Cap Hex Hd.	1
19	53–4420	Decal – Gas	1
20	59–9530	Decal – Throttle	1
21	61–9100	Decal – Refueling	1
22	66–9000	Label – Break–In	1
23	66–9110	Decal – Start	1
24	66–9050	Decal – Shift	1

Ref. No.	Part No.	Description	No. Used
25	12–7499	Engine – 16 hp (Kohler Model #M16S–711559)	1
26	36–3920	Spacer	1
27	66–4650	Guide – Belt	1
28	2210–275	Gasket	1
29	32153–3	Nut – Lock	2
30	66–4630	Muffler	1
31	60–9950	Guard – Muffler	1
32	321–3	Screw– Cap Hex Hd.	3
33	3254–1	Washer – Lock	1
34	66–6840	Decal – Hot Surface	1
35	60–9940	Bolt – U	2
36	60–9980	Bar	2
37	3217–5	Nut – Hex	2
38	322–12	Screw – Cap Hex Hd.	1
39	3253–4	Washer – Lock	1
40	3256–23	Washer – Flat	1
41	3256–25	Washer – Flat	1
42	323–5	Screw – Cap Hex Hd.	2
43	3256–24	Washer – Flat	5
44	66–3910	Pulley – Engine	1
45	13–6330	Key	1
46	3256–6	Washer – Flat	1
47	3253–6	Washer – Lock	1
48	3212–8	Screw – Cap Hex Hd.	1



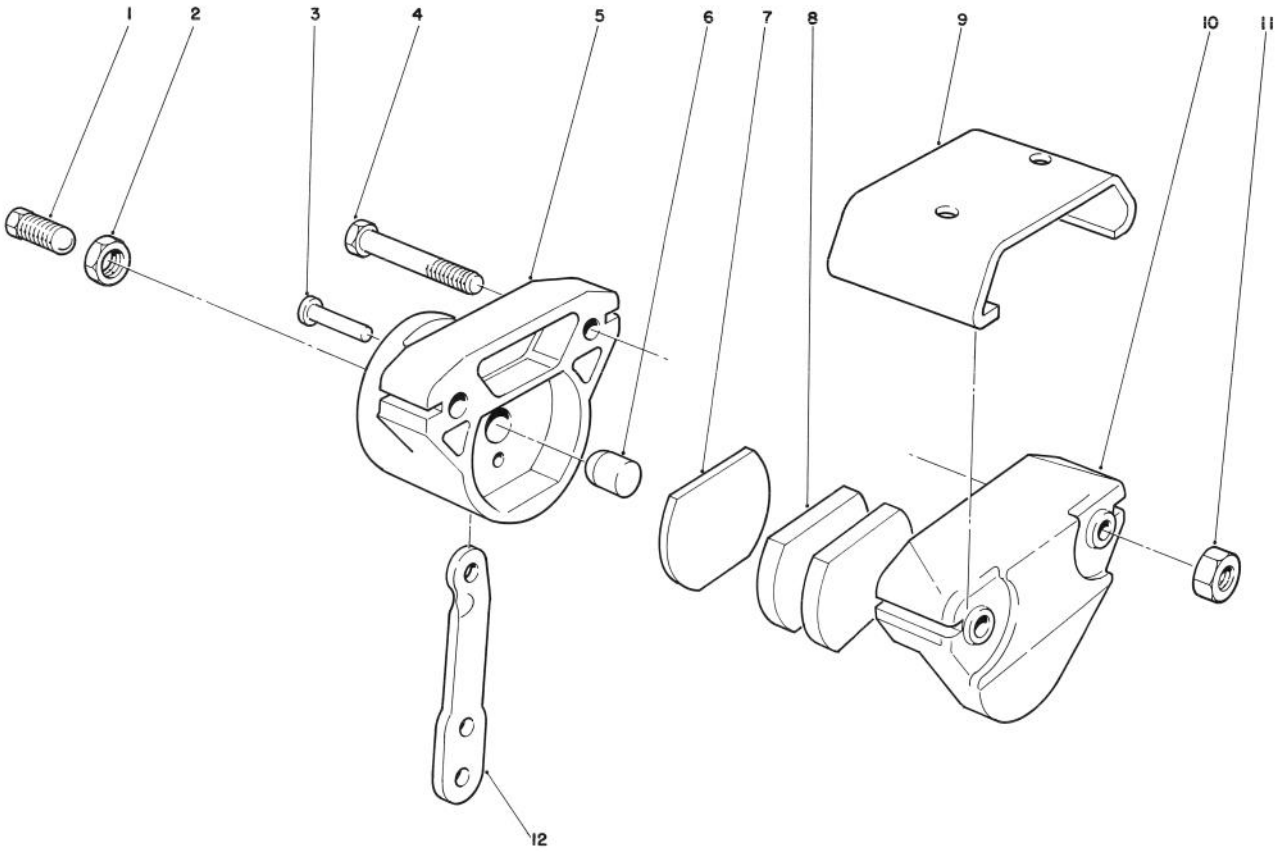
T–0232A

T-2248

INE ASSEMBLY (Continued)

Ref. No.	Part No		No. Used
49	66–42		1
50	66–43		1
51	323–1		1
52	5–729[illegible]	[illegible]ring	1
53	3218–2	Nut – Jam	1
54	3242–9	Screw – Set, Sq. Hd.	1
55	66–3360	Arm W.A. – Brake Clutch	1
56	66–3440	Cross Shaft – Clutch	1
57	218–331	Boot–Battery	1
58	3254–8	Washer – Lock, Int. Tooth	3
59	32103–12	Nut–Wing	2
60	28–1400	Battery – 12 Volt	1
61	59–9470	Pad – Battery	1
62	7–3328	Bolt – Battery	2
63	72–4790	Clamp – Battery	1
64	72–8920	Guide – Traction Belt	1
65	321–5	Screw– Cap Hex Hd.	1
66	32104–17	Screw – Hex Hd. Self–Tap	1
67	32121–16	Pin – Roll	3
68	66–4180	Spring	1

Ref. No.	Part No.	Description	No. Used
69	256–216	Bushing	2
70	66–3590	Bracket – Drive Take–up (Inc. Ref. #69)	1
71	3296–39	Nut – Lock	1
72	59–4320	Spacer	1
73	323–4	Screw – Cap Hex Hd.	4
74	66–3560	Guide – Belt	1
75	3296–42	Nut – Lock	1
76	321–2	Screw – Cap Hex Hd.	1
77	66–3420	Bracket – Spring Brake	1
78	237–125	Grommet	1
79	76–2610	Arm W.A. – Brake	1
80	66–4400	Guide – Belt	1
81	32144–57	Screw – Hex Hd. Thread Forming	2
82	32144–64	Screw – Hex Hd. Self–Tap	1
83	3256–2	Washer – Flat	6
84	3272–6	Pin – Cotter	1
85	32153–4	Nut – Hex. Lock	4
86	2412–41	R–Clamp – Hose	1

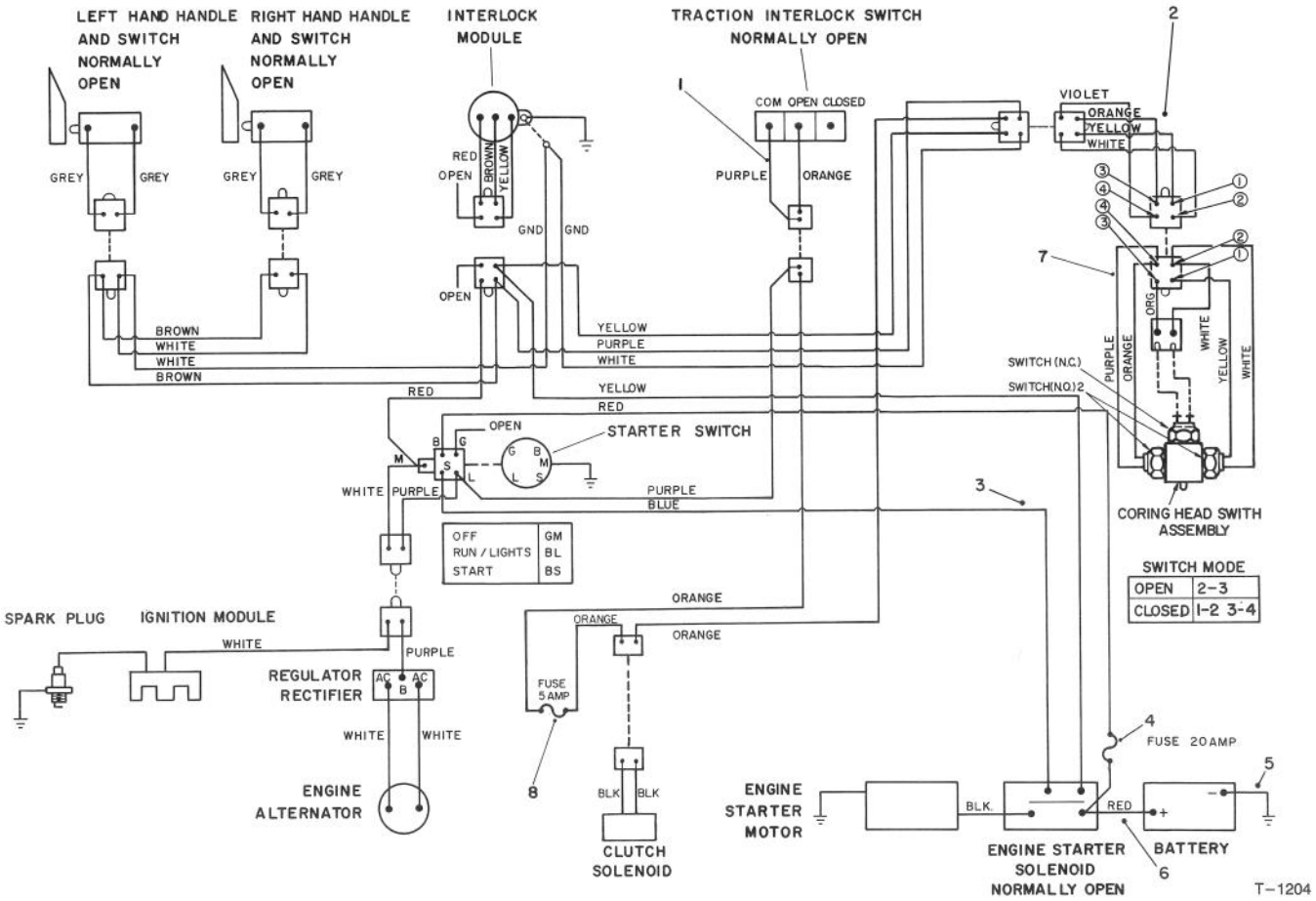


T–1243

BRAKE CALIPER ASSEMBLY NO. 76–2590

Ref. No.	Part No.	Description	No. Used
1	80–0210	Pin – Adjustment	1
2	3220–4	Nut – Jam	1
3	80–0090	Pin – Groove	1
4	3211–10	Screw – Cap Hex. Hd.	2
5	80–0240	Housing – Live Side	1
6	80–0230	Pin – Actuator	1

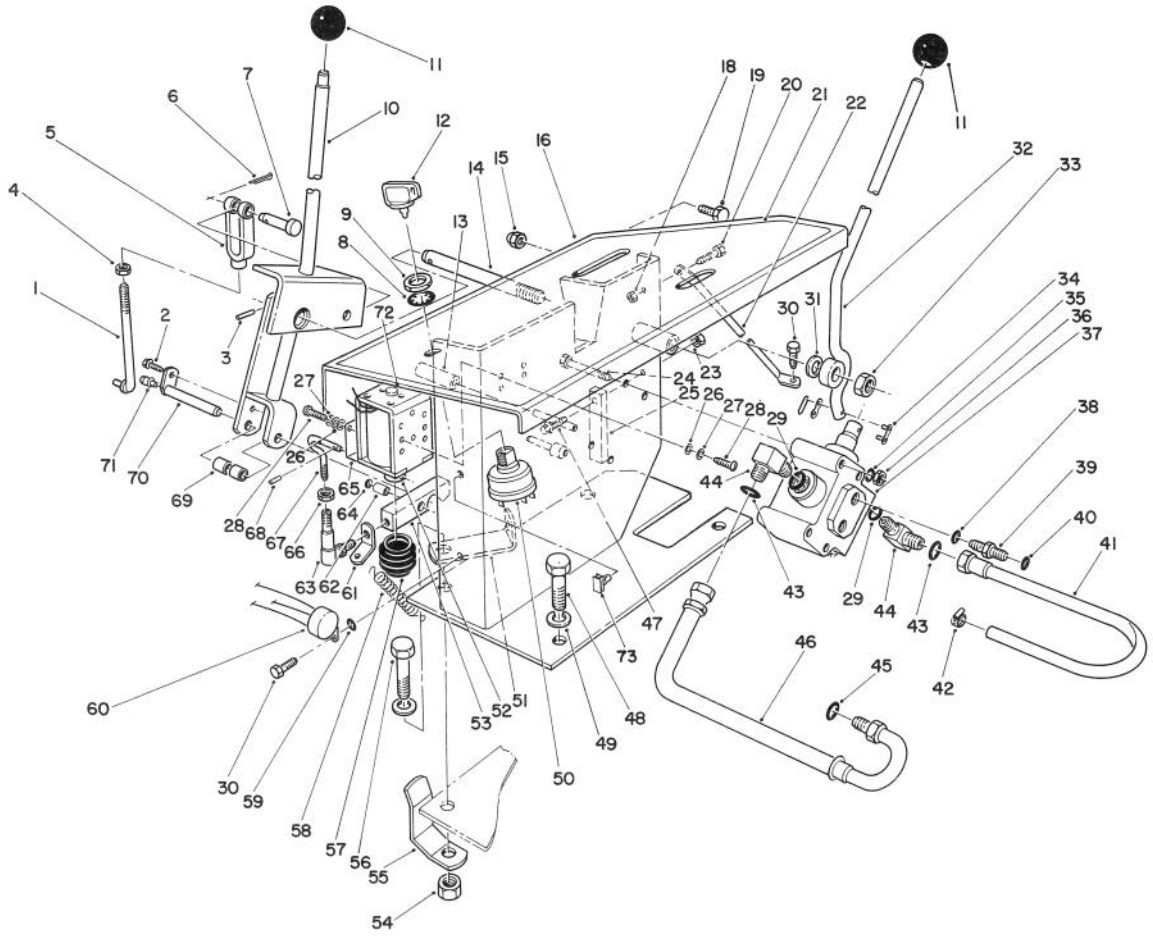
Ref. No.	Part No.	Description	No. Used
7	80–0260	Plate – Backing	1
8	80–0270	Lining	2
9	80–0190	Bracket – Floating	1
10	80–0280	Sub–Assy. – Anvil	1
11	32153–11	Nut – Lock	2
12	80–0180	Lever – Cam	1



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	66–4660	Wire Harness – Traction	1
2	66–4670	Wire Harness – Head, Coring	1
3	80–3950	Wire Harness – Main	1
†4		Fuse – 20 Amp	1
5	28–3860	Battery Cable – Ground	1
6	66–4260	Battery Cable – Positive	1
7	80–3810	Wire Harness – Coring Head Switch	1
8	218–573	Fuse – 5 Amp	1

†Obtain Locally

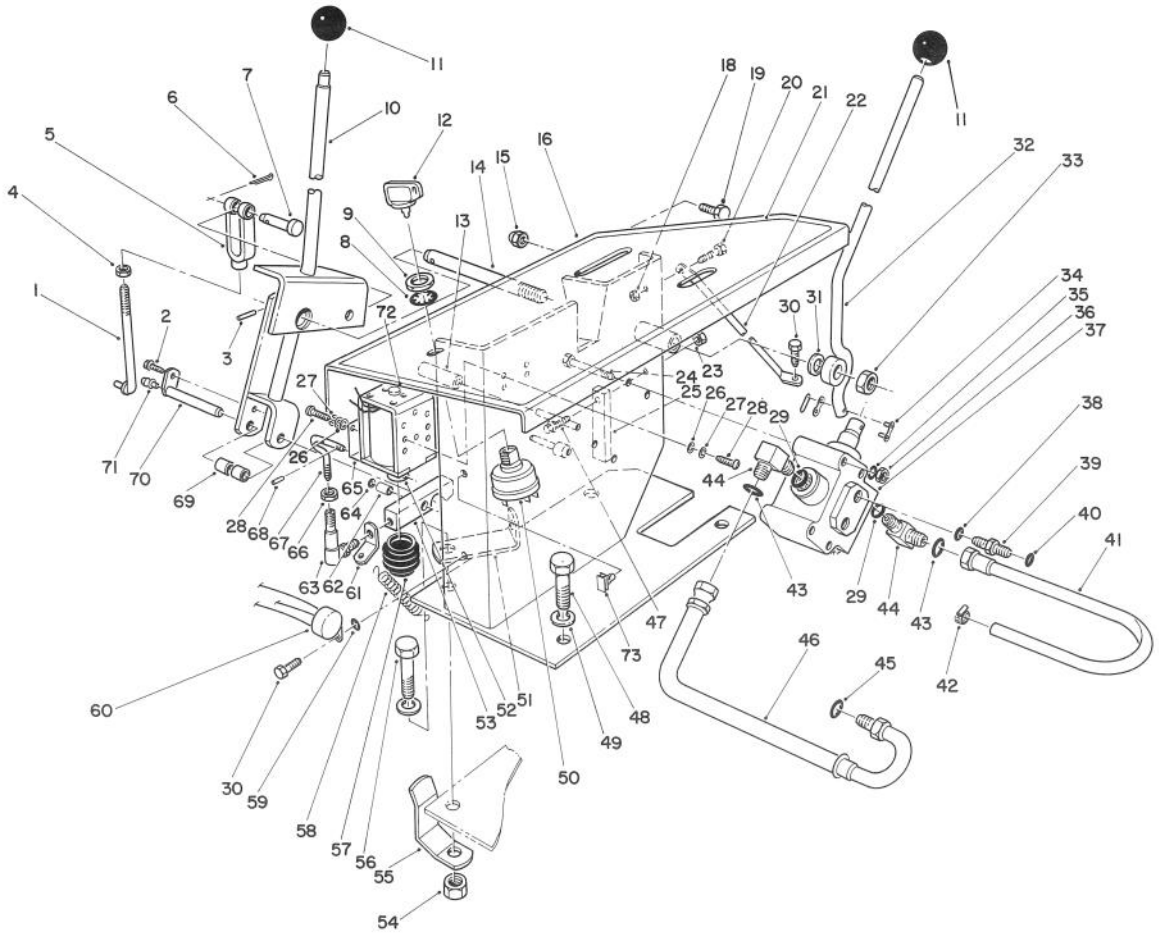


T–0958

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5–1686	Rod – Adjusting	1
2	32144–112	Screw – Backing Plate	1
3	32121–23	Pin – Roll	1
4	3220–3	Nut – Jam	1
5	282–1	Yoke	1
6	3272–6	Pin – Cotter	1
7	283–2	Pin – Clevis	1
8	3254–5	Washer – Lock, Int. Tooth	1
9	218–461	Nut – Hex	1
10	72–8710	Handle & Latch	1
11	233–13	Knob – With Ring	2
12	63–8360	Key	2
13	72–9060	Cushion – Solenoid Stop Latch Pin	1
14	72–8690	Shaft – Traction Clutch	1
15	32111–8	Nut – Lock, Cap	2
16	80–4030	Panel – Control	1
18	32128–33	Nut – Lock	1
19	322–26	Screw – Cap, Hex. Hd.	2
20	321–3	Screw – Cap, Hex. Hd.	1
21	80–3910	Decal – Control	1
22	72–9110	Brace – Control Panel	1
23	3296–12	Nut – Lock	1
24	321–14	Screw – Cap Hex. Hd.	4
25	72–9070	Pad – Bumper	1
26	3256–21	Washer – Flat	8

Ref. No.	Part No.	Description	No. Used
27	3253–15	Washer – Lock	6
28	218–462	Screw – Machine	6
29	237–42	Seal – O–Ring	2
30	46–8560	Screw – Hex Hd. Thd. Form	2
31	3256–26	Washer – Flat	1
32	72–8810	Assy. – Handle, Valve	1
33	32153–5	Nut – Lock	1
34	2710–16	Chain – Connecting Link	1
35	3253–3	Washer – Lock	4
36	3217–5	Nut – Hex	4
37	43–1950	Valve – Hydraulic Control	1
38	237–78	O–Ring	2
39	340–92	Fitting – Straight (Incl. Ref. #38 & 40)	2
40	237–21	Seal – O–Ring	2
41	59–4150	Hose – Return	1
42	2412–36	Clamp – Hose	1
43	237–22	O–Ring	2
44	340–77	Fitting – 90° (Inc. Ref. #29 & 43)	2
45	39–7310	O–Ring (Metric)	1
46	59–4140	Hose – Pressure	1
47	3290–126	Screw – Hex Washer Hd.	1
48	11–0590	Screw – Cap, Hex. Hd.	3
49	3253–21	Washer – Lock	4

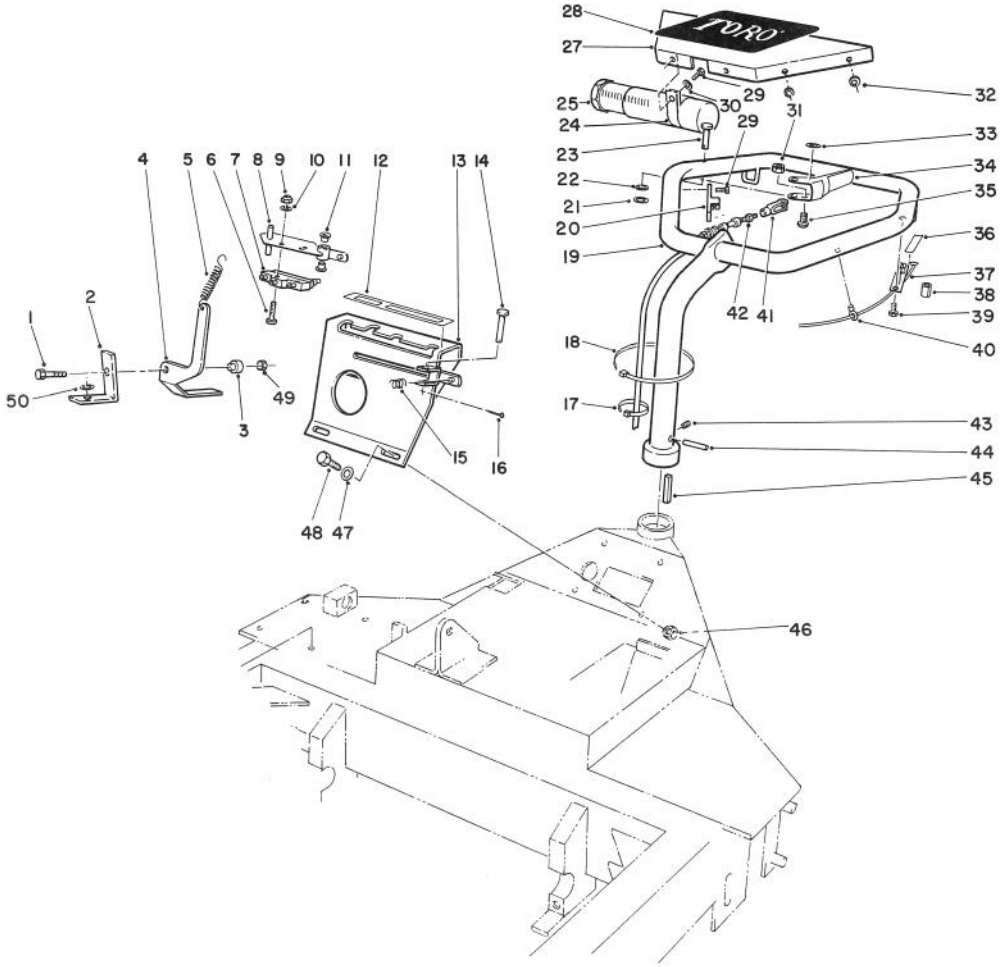


T–0958

CONTROL PANEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
50	23–0660	Switch – Starter (Incl. Ref. #8 & 9)	1
51	72–9080	Bracket – Spring	1
52	72–4620	Plunger – Solenoid	1
53	72–8780	Latch – Clutch Solenoid	1
54	32153–2	Nut – Lock	1
55	72–9050	Clip – Control Cover	1
56	323–7	Screw – Cap, Hex. Hd.	1
57	67–9510	Seal – Dust	1
58	66–4160	Spring	1
59	3254–8	Washer – Lock, Int. Tooth	1
60	66–4500	Module – Interlock	1
61	72–9090	Bracket – Spring Latch	1

Ref. No.	Part No.	Description	No. Used
62	256–312	Bushing	1
63	18–1720	Ball Joint	1
64	3290–418	Nut – Push On	1
65	80–3920	Clamp – Boot Solenoid	1
66	3296–13	Nut – Lock	1
67	72–8790	Rod – Solenoid Adjusting	1
68	32121–90	Pin – Roll	2
69	72–9140	Roller – Latch	2
70	72–9130	Pin – Roller Latch	1
71	302–18	Fitting – Grease	1
72	80–3960	Solenoid Assembly (Incl. Ref. #52)	1
73	80–3940	Clip – Rosebud	1

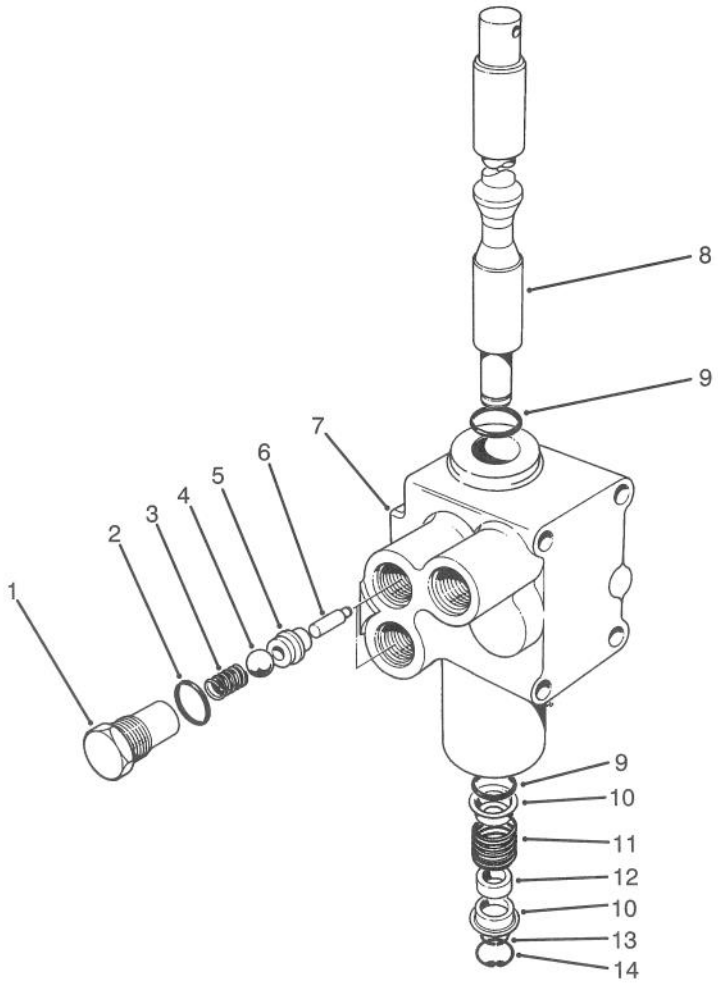


T–0235

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	329–7	Screw – Cap, Hex. Hd.	1
2	66–9130	Bracket – Throttle	1
3	66–9120	Spacer	1
4	66–3280	Bracket – Throttle Control	1
5	59–3660	Spring – Extension	1
6	32105–17	Screw – Pan Hd. Machine	2
7	29–6162	Switch	1
8	66–4780	Hub & Plate (Incl. Ref. #11)	1
9	3296–9	Nut – Lock	2
10	3256–53	Washer – Flat	2
11	256–301	Bushing	2
12	66–4710	Decal – Shift Pattern	1
13	66–4750	Plate – Shift	1
14	283–66	Pin – Clevis	1
15	66–4850	Spring	1
16	3272–6	Pin – Cotter	1
17	3290–381	Tie – Cable	5
18	3290–379	Tie – Cable	3
19	80–0530	Handle W.A.	1
20	59–9730	Bracket – Cable	1
21	3290–418	Nut – Push On	1
22	3–3287	Spacer – Rubber	1
23	283–11	Pin – Clevis	1
24	2412–133	R–Clamp	2
25	74–0720	Tube	1

Ref. No.	Part No.	Description	No. Used
27	59–4530	Panel – Handle	1
28	67–7320	Decal – Toro	1
29	32144–64	Screw – Hex. Hd. Self Tap	6
30	3256–61	Washer – Flat	2
31	3296–12	Nut – Hex.	1
32	3256–14	Washer – Flat	2
33	59–9860	Decal – Brake	1
34	59–9560	Handle – Control	1
35	3252–3	Screw – Machine	1
36	59–9870	Decal – Interlock	2
37	40–9690	Interlock Handle & Switch (Incl. Ref. #40)	2
38	72–9030	Cushion – Guard	2
39	32104–17	Screw – Hex Hd. Self Tap.	2
40	17–9120	Mount–Wire	6
41	282–26	Clevis	1
42	59–4410	Cable – Brake	1
43	3247–2	Screw – Set	1
44	32121–49	Pin – Roll	1
45	13–2840	Key	1
46	3296–29	Nut – Lock	4
47	3256–23	Washer – Flat	4
48	322–4	Screw – Cap Hex. Hd	4
49	3296–3	Nut – Lock	1
50	3256–24	Washer – Flat	1



T–0236

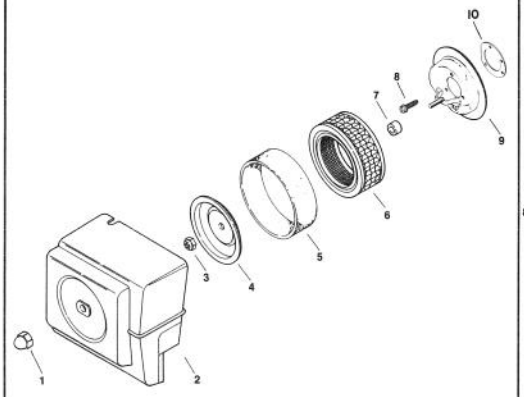
CONTROL VALVE NO. 43–1950

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

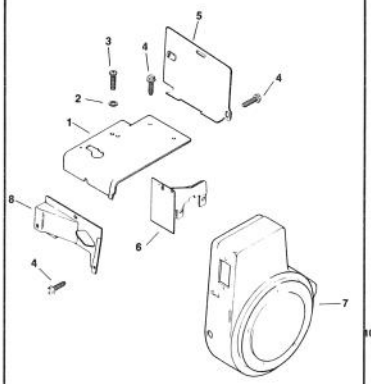
Ref. No.	Part No.	Description	No. Used
8	22–8420	Spool	1
9	22–8500	O–Ring	2
10	22–8380	Retainer – Spring	2
11	22–8410	Spring	1
12	23–3030	Spacer	1
13	22–8480	Snap Ring Spool	1
14	22–8490	Snap Ring	1

ENGINE KOHLER MODEL NO. M16S SPEC 711559

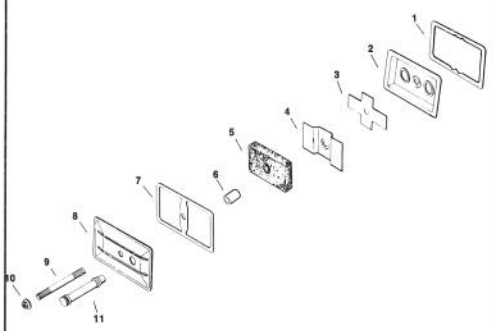
AIR INTAKE
Group - 1



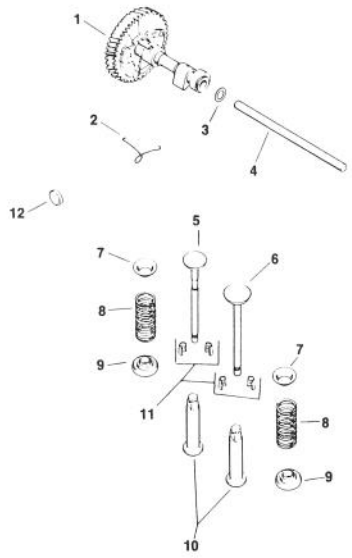
BAFFLES & SHROUD
Group - 2



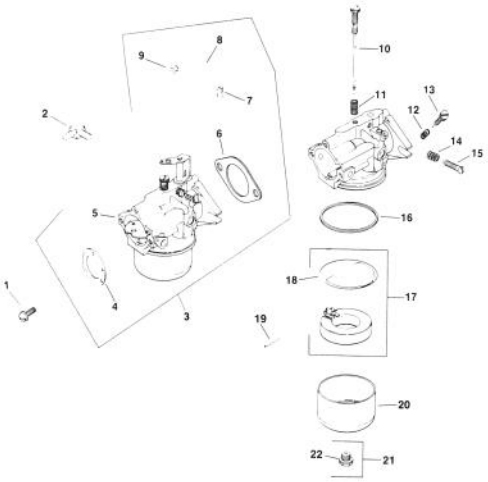
BREATHER VENT
Group - 3



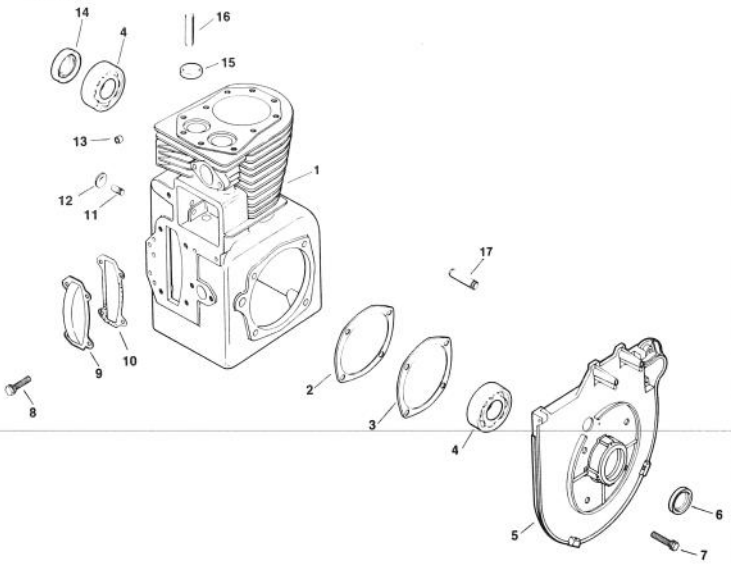
CAMSHAFT & VALVES
Group - 4



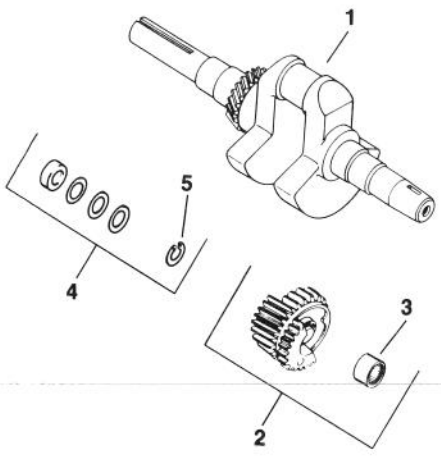
CARBURETOR
Group - 5



CRANKCASE
Group - 7



CRANKSHAFT
Group - 8



T-0240

ENGINE KOHLER MODEL NO. M16S SPEC 711559

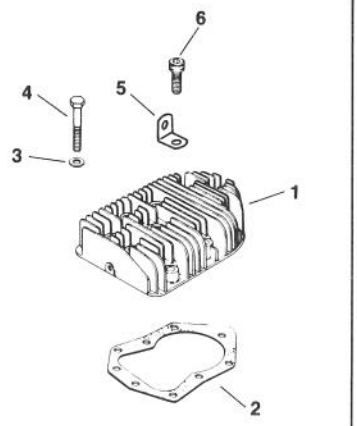
Ref. No.	Part No.	Description	No. Used
		Air Intake Group – 1	
1	4510002	Cap Nut	1
2	4709612	Cover – Air Cleaner	1
3	4110004	Nut–Jam	1
4	5208204	Cover–Inner	1
5	4508301	Precleaner – Element	1
6	4508302	Element	1
7	231032	Seal	1
8	X–67–65	Screw – Hex. Washer Hd.	3
9	4509404	Base – Air Cleaner	1
	4111302	Decal –Air Cleaner	1
10	45041 07	Gasket – Air Cleaner	1
		Baffles & Shroud Group – 2	
1	4506307	Baffle – Head	1
2	X–25–53	Washer – Plain	1
3	4708608	Screw – Pozidriv T.H.	1
4	5208611	Screw– Hex. Washer Hd.	6
5	4706310	Baffle – Cylinder	1
6	4706307	Baffle – Inner	1
7	4702742	Blower Housing	1
8	4706312	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	4705001	Filter – Breather	1
6	231032	Seal – Breather	1
7	275144	Gasket – Valve Cover	1
8	4709601	Cover–Valve	1
9	275220	Stud	1
10	X–799–1	Palnut	1
11	4732603	Hose – Breather (3–11/32" Lg.)	1
		Camshaft & Valves Group – 4	
1	4701011	Camshaft Assembly	1
2	4708901	Spring – Actuating	1
3	275066	Spacer.005	A/R
3	275067	Spacer.010	A/R
4	4738009	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	5241301	Rotator	2
10	D–235327	Tappet	2
11	41 75510	Kit – Retainer	1
12	X–702–3	Plug – Cup	1

*Not Illustrated

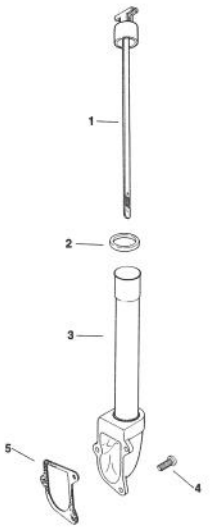
Ref. No.	Part No.	Description	No. Used
		Carburetor Group – 5	
1	X–770–1	Screw – Slotted Hd.	2
2	2515502	Connector – Hose	1
3	4585312	Kit – Carb. w/Linkage	1
4	4504107	Gasket – Air Cleaner	1
5	4505388	Assembly – Carburetor	1
6	4704901	Gasket – Carburetor	1
7	2515809	Bushing – Gov. Linkage	1
8	4707905	Linkage – Carburetor	1
9	4715807	Bushing	1
10	4510301	Needle – Main Fuel Adj.	1
11	200383	Spring – Main Fuel	1
12	200380	Spring – Idle Fuel	1
13	275231	Needle – Idle Fuel Adj.	1
14	232555	Spring – Idle Speed	1
15	232556	Screw – Idle Speed Adj.	1
16	200375	Gasket – Bowl	1
17	2575703	Kit – Float	1
18	2504102	Gasket – Bowl Baffle	1
19	200376	Pin – Float Hinge	1
20	235448	Bowl – Fuel	1
21	4710006	Screw – Bowl Retainer	1
22	200372	Gasket – Bowl Ret. Screw	1
*	2575702	Kit – Carburetor Repair	1
*	2575705	Kit – Choke & Throttle Repair	1
		Crankcase Group – 7	
1	4578223	Block – Cylinder (Incl. Ref. #13, 15 & 16) (USE: Miniblock)	1
2	4742205	Gasket – Shim	A/R
3	47041 09	Gasket – Bearing Plate	1
4	235376	Bearing–Ball	2
5	4714611	Plate – Bearing	1
6	4703206	Seal – Front Oil	1
7	X–159–2	Screw– H.C.	4
8	X–132–6	Screw– H.C.	4
9	235026	Cover – Camshaft	1
10	235025	Gasket – Camshaft Cover	1
11	235125–5	Shaft – Governor Gear	1
12	X–230–11	Plug – Expansion	1
13	234866	Bearing – Cov. X Shaft	1
14	4703207	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	4514221	Kit – Crankshaft	1
2	4504303	Gear Assembly	2
3	4703001	Bearing – Needle	2
4	4775501	Kit – Spacer	1
5	X–269–34	Retainer	2

ENGINE KOHLER MODEL NO. M16S SPEC 711559

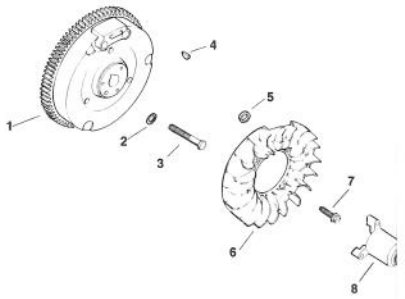
CYLINDER HEAD
Group - 9



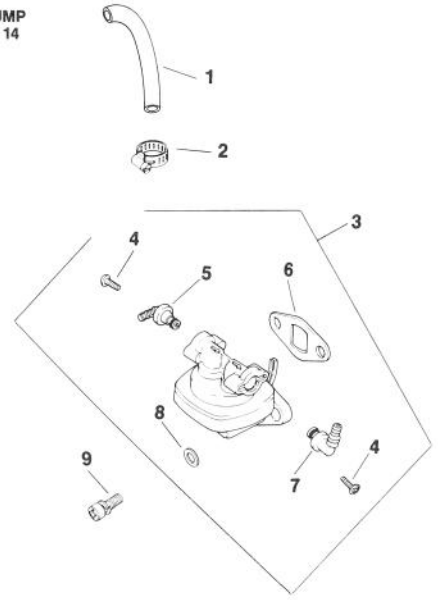
DIPSTICK
Group - 10



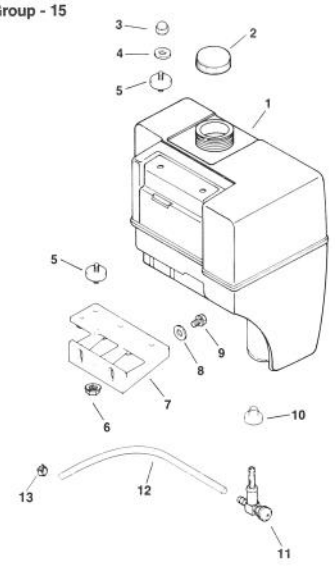
FLYWHEEL
Group - 13



FUEL PUMP
Group - 14



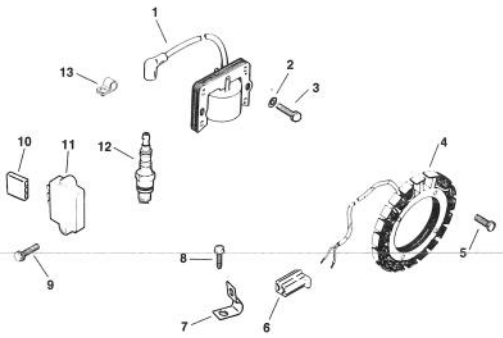
FUEL TANK
Group - 15



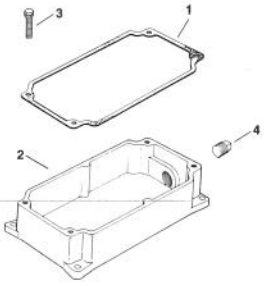
EXHAU
Group -



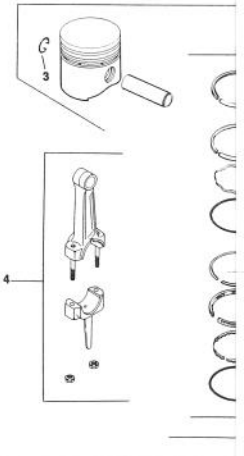
IGNITION
Group - 18



OIL PAN
Group - 21



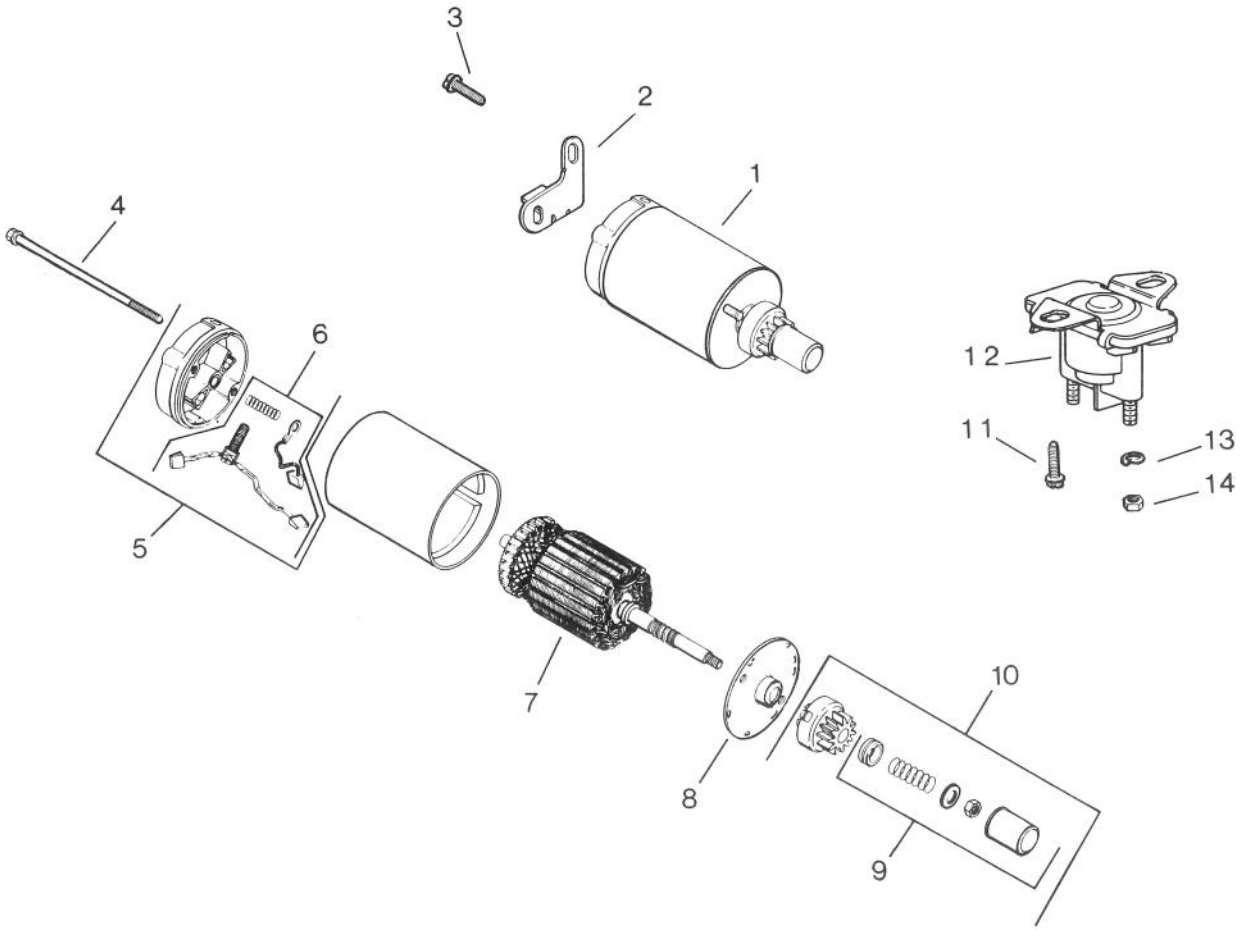
PISTON & ROD
Group - 22





ENGINE K

Ref. No.	Part No.	
		G
1	235476	Bu
2	X–400–80	Sp
3	A–235256–S	Ki
4	A–235743–S	Ki
5	237022	W
6	2546801	W
7	231355	Pi
8	X–799–1	Pa
9	4709020	Le
10	X–776–1	Sc
11	4715807	Bu
12	2515809	Bu
13	4707910	Li
		((
14	235496	Sp
15	X–5–26	Sc
16	X–51–8	Sc
17	X–20–1	W
18	X–25–63	W
19	X–25–102	W
20	235086	Br
21	275690	W
22	235085	Sp
23	4875510	Ki
24	X–384–2	Sp



T–0239

ELECTRIC STARTER
ENGINE KOHLER MODEL NO. M16S SPEC NO. 711559

Ref. No.	Part No.	Description	No. Used
1	4109804	Starter Assembly (Incl. Ref. #5–11)	1
2	4512617	Brace–Tail	1
3	X–67–62	Screw – Hex Wash. Hd.	2
4	4108619	Bolt – Thru	2
5	41 22704	Cap – Commutator Assy.	1
6	5275515	Kit – Brush	1
7	4517002	Armature	1
8	4122703	Cap–Drive End	1

Ref. No.	Part No.	Description	No. Used
9	4775507	Kit – Drive	1
10	4775513	Kit – Drive Parts	1
11	X–67–83	Screw – Hex Wash. Hd.	2
12	4543507	Solenoid	1
13	X–20–1	Washer – Lock	2
14	X–81–1	Nut–Hex	2
*	2545003	Tag – Caution	1
*	5251803	Lead – Black, Starter to Solenoid	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–3287	Spacer	9	61	2
3–3287	Spacer – Rubber	22	22	1
3–4685	Washer – Thrust	10	40	2
3–7877	Grip – Handle	5	35	1
5–0786	Key	10	39	2
5–1254	Washer	1	9	4
5–1686	Rod – Adjusting	20	1	1
5–2490	Bolt – Shoulder	9	60	2
5–7290	Spring	17	52	1
7–3328	Bolt – Battery	17	62	2
10–4850	Spring – Compression	7	5	1
10–6830	Stud – Drive	8	42	8
11–0590	Screw – Thread Forming	10	13	2
11–0590	Screw – Thread Forming.	16	6	4
11–0590	Screw – Cap, Hex. Hd.	20	48	3
12–3819	Assembly – Damper	4	*	1
12–7499	Engine – 16 hp	16	25	1
13–1509	Arm–Tine	3	4	4
13–2840	Key	16	7	1
13–2840	Key	22	45	1
13–6330	Key	16	45	1
17–9120	Mount–Wire	22	40	6
18–1720	Ball Joint	21	63	1
19–2530	Switch – Start. Safety N.O.	7	1	2
21–0360	Hex Nut (Metric)	10	45	1
22–6090	Washer – Thrust	8	14	2
22–8330	Plug	23	1	2
22–8340	Spring	23	3	2
22–8350	Ball	23	4	2
22–8360	Pin – Cam	23	6	2
22–8370	Seat–Check Valve	23	5	2
22–8380	Retainer – Spring	23	10	2
22–8410	Spring	23	11	1
22–8420	Spool	23	8	1
22–8480	Snap Ring Spool	23	13	1
22–8490	Snap Ring	23	14	1
22–8500	O–Ring	23	9	2
23–0660	Switch – Starter	21	50	1
23–3030	Spacer	23	12	1
27–6390	Gasket	10	22	2
28–1400	Battery – 12 Volt	17	60	1
28–2480	Washer	8	21	2
28–3860	Battery Cable – Ground	19	5	1
28–4250	Switch – Neutral N. C.	7	4	1
29–6162	Switch	22	7	1
36–3920	Spacer	16	26	1
37–5760	Pulley – Idler	6	71	1
37–8300	Pin – Pump, Ring Dowel	14	17	2
37–8340	Seal – Drive Shaft	14	21	1
37–8350	Pump Ring	14	7	1
37–8360	Seal – O–Ring	14	3	1
37–8380	End Plate	14	10	1
37–8400	Pump Reservoir Service Kit	14	16	1
37–8410	Assembly – Valve, Control	14	19	1
37–8420	Assy. – Cap, Reservoir	14	12	1
37–8440	Ring – Retaining	14	11	1
37–8450	Spring – Flow Control	14	20	1
37–8460	Seal Service Kit	14	*	1
38–1830	Pulley – Steering Pump	10	50	1
39–7310	O–Ring (Metric)	20	45	1
39–8680	Assembly – Fitting	14	14	1
39–8700	Stud Pump Mounting	14	13	2
39–8710	Seal – O–Ring	14	15	1
40–9690	Interlock Handle & Switch	22	37	2
43–1950	Valve – Hydraulic Control	20	37	1
44–2680	Shaft – Service Retaining	14	22	1
44–7800	Pump – Steering	10	49	1
44–7810	Ring Service Kit Rotor Vane	14	6	1
44–7820	Spring Pressure Plate	14	9	1
44–7830	Pressure Plate	14	8	1
44–7840	Thrust Plate	14	5	1
44–7850	Ring – Shaft Retaining	14	1	1
44–7860	Retaining Ring Service Kit	14	*	1
46–0740	Spring – Compression	25	26	1
46–8560	Screw – Hex Hd. Thd. Form	20	30	2
46–8560	Screw – Thread Forming	5	46	2
46–8560	Screw– Cap Hex. Hd.	8	3	18
48–9470	Screw – Cap Hex Hd.	10	14	2
53–4420	Decal – Gas	16	19	1
59–2070	Bar – Keeper	5	49	2
59–2080	Chain – Roller	3	12	2
59–2090	Chain – Roller	8	40	2
59–2130	Pulley	5	24	1
59–2140	Pulley	10	36	1
59–2150	Bushing	10	37	1
59–2380	Cap – Dust	8	46	2
59–2390	Sprocket	5	47	2
59–2390	Sprocket – Idler	8	33	2
59–2420	Bushing	8	31	2
59–2430	Nut – Special	9	53	2
59–2500	Block	3	29	8
59–2520	Plate – Wear R.H.	3	34	4
59–2550	Plate – Wear L.H.	3	40	4
59–2570	Spacer – Short	6	74	1
59–2580	Spacer – Long	6	72	1
59–2600	Bushing	5	48	4
59–2610	Shaft	6	55	2
59–2620	Eye Bolt	6	54	4
59–2710	Clip – Retaining	3	6	12
59–2710	Clip – Retaining	5	28	3
59–2770	Rod – Pivot	2	4	2
59–3110	Sprocket	10	38	2
59–3240	Guard – Chassis R.H.	8	30	1
59–3270	Guard – Sprocket L.H.	8	*	1
59–3280	Guard – Sprocket R.H.	8	50	1
59–3410	Head – Bearing	3	23	4
59–3420	Housing	3	42	4
59–3450	Retainer	3	19	4
59–3470	Cushion	3	44	4
59–3480	Cushion	3	16	4
59–3490	Spring – Compression	2	3	4
59–3510	Bushing – Short	3	27	8
59–3520	Bushing – Long	3	25	4
59–3660	Spring – Extension	22	5	1
59–3670	Tine – Coring, 5/8"	3	30	12
59–3690	Tine – Coring, 3/8"	3	*	12
59–3790	Bushing Assembly	5	26	1
59–4040	Assembly – Hub	8	43	2
59–4100	Brake W.A. – Disc	11	58	1
59–4140	Hose – Pressure	20	46	1
59–4150	Hose – Return	20	41	1
59–4160	Hose – Cylinder	10	4	1
59–4200	V–Belt	10	51	1
59–4210	Key	5	27	1
59–4220	Deflector – Kickout	3	39	4
59–4260	Tire Scraper – R.H.	24	*	1
59–4270	Tire Scraper – L.H.	24	1	1
59–4310	Spacer	10	47	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
59–4320	Spacer	10	16	2
59–4320	Spacer	17	72	1
59–4350	Decal – Toro	1	1	1
59–4400	Control – Choke	16	12	1
59–4410	Cable – Brake	22	42	1
59–4440	Decal – Greens Aerator	8	4	2
59–4530	Panel – Handle	22	27	1
59–4740	Bell Crank	16	10	1
59–4760	Frame Assembly	25	16	1
59–4810	Plate – Pivot	25	22	1
59–4840	Plate – Hook–Up, L.H.	25	15	1
59–4850	Plate – Hook–Up, R.H.	25	4	1
59–4860	Spacer	25	21	1
59–9410	Bracket – Lock–Up	25	27	1
59–9420	Pin – Lock–Up	25	29	1
59–9430	Blade – Windrower	25	18	1
59–9460	Guide	8	27	2
59–9470	Pad – Battery	17	61	1
59–9530	Decal – Throttle	16	20	1
59–9560	Handle – Control	22	34	1
59–9610	Plate – Backup	1	13	5
59–9611	Plate – Backup	1	17	2
59–9620	Cover – Idler	8	35	2
59–9630	Spacer	8	39	2
59–9640	Plate – Handle	6	59	2
59–9650	Retainer – Bearing	8	22	4
59–9730	Bracket – Cable	22	20	1
59–9740	Assembly – Latch	8	29	3
59–9750	Assembly – Latch	6	60	2
59–9770	Tine – Coring, 5/8"	3	*	
59–9860	Decal – Brake	22	33	1
59–9870	Decal – Interlock	22	36	2
59–9930	Decal – Danger	1	18	1
60–9760	Nut – Lock	15	2	1
60–9840	Deflector – Core	25	1	1
60–9870	Screw – Adjustment	6	64	2
60–9920	Screw (Metric)	10	48	1
60–9930	Frame Gauge	9	67	1
60–9940	Bolt – U	16	35	2
60–9950	Guard – Muffler	16	31	1
60–9980	Bar	16	36	2
61–9100	Decal – Refueling	16	21	1
61–9150	Pulley	16	8	1
61–9160	Stud	3	28	8
61–9160	Stud	8	10	2
61–9780	Cap–Hub	8	19	2
62–4600	Tine – Coring, 3/4"	3	*	12
62–4610	Block (For 3/4" Tines)	3	*	8
62–4660	Assembly – Cylinder	10	20	1
62–4670	Clevis – Rod	15	16	1
62–4680	Head	15	12	1
62–4690	Piston	15	3	1
62–4700	Rod	15	7	1
62–4720	Seal Repair Kit	15	*	1
62–4740	Timing Rod	4	*	4
62–4800	Handle – Throttle	16	14	1
63–8360	Key	20	12	2
66–3280	Bracket – Throttle Control	22	4	1
66–3290	Plate – Guide Shift	10	23	1
66–3360	Arm W.A. – Brake Clutch	17	55	1
66–3390	Retainer – Brake Spring	11	61	1
66–3400	Rod – Brake Take–up	11	65	1
66–3420	Bracket – Spring Brake	17	77	1
66–3440	Cross Shaft – Clutch	17	56	1
66–3470	Pulley – Idler	5	3	1
66–3480	Shaft – Idler	5	5	1
66–3560	Guide – Belt	17	74	1
66–3590	Bracket – Drive Take–up	17	70	1
66–3790	Sprocket	5	18	2
66–3810	Guide W.A. – Belt	6	67	1
66–3840	Shaft – Power	5	21	1
66–3910	Pulley – Engine	16	44	1
66–3920	Bracket – Spring	10	28	1
66–3930	Clevis	10	5	1
66–4030	Assembly – Crank, Long	3	11	2
66–4040	Assembly – Crank ,Short	3	22	2
66–4060	Pin – Idler	1	10	1
66–4070	V–Belt	5	33	1
66–4110	Cover – Controls	1	3	1
66–4120	Cover – Clutch	1	19	1
66–4130	Cover – Coring Head	1	2	1
66–4150	Spring	11	62	1
66–4160	Spring	21	58	1
66–4180	Spring	17	68	1
66–4210	Pulley – Idler	17	49	1
66–4260	Battery Cable – Positive	19	6	1
66–4270	Spring – Extension	5	12	2
66–4280	Bracket W.A. – Idler R.H.	5	14	1
66–4320	Bracket W.A. – Idler L.H.	5	8	1
66–4340	V–Belt	17	50	1
66–4380	Spacer	5	2	2
66–4400	Guide – Belt	17	80	1
66–4440	Holder – Idler Pin	1	11	1
66–4460	Spring	10	26	1
66–4480	Actuator – Switch	5	41	1
66–4500	Module – Interlock	21	60	1
66–4520	Housing – Bearing	16	4	1
66–4530	Bracket – Lockup	9	62	2
66–4560	Handle	5	36	1
66–4590	Transaxle	10	52	1
66–4600	Clevis – Brake	11	71	1
66–4630	Muffler	16	30	1
66–4650	Guide – Belt	16	27	1
66–4660	Wire Harness – Traction	19	1	1
66–4670	Wire Harness – Head,	19	2	
66–4680	Spacer	5	30	1
66–4690	Spacer	5	19	1
66–4710	Decal – Shift Pattern	22	12	1
66–4730	Bearing	16	3	3
66–4750	Plate – Shift	22	13	1
66–4780	Hub & Plate	22	8	1
66–4840	Shield – Heat	1	8	1
66–4850	Spring	22	15	1
66–6840	Decal – Hot Surface	16	34	1
66–8910	Guard – Pulley	5	9	1
66–8980	Assy. – Wear Plate, R.H.	3	35	4
66–8990	Assy. – Wear Plate, L.H.	3	36	4
66–9000	Label – Break–In	16	22	1
66–9010	Spring – Compression	3	17	4
66–9050	Decal – Shift	16	24	1
66–9070	Guard – Chassis L.H.	8	2	1
66–9110	Decal – Start	16	23	1
66–9120	Spacer	22	3	1
66–9130	Bracket – Throttle	22	2	1
66–9140	Tine – Coring, 1/2"	3	*	12
67–7320	Decal – Toro	22	28	1
67–9510	Seal – Dust	21	57	1
68–3110	Tube–Oil	10	31	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–2170	Chain	25	11	1
70–2180	Support	25	8	1
70–9770	Rod–Ram	3	14	4
72–4620	Plunger – Solenoid	21	52	1
72–4640	Turf Guard – L.H.	2	11	1
72–4660	Turf Guard – R.H.	2	9	1
72–4680	Turf Guard – Center	2	10	1
72–4760	O–Ring Seal, Chain	3	15	A/R
72–4790	Clamp – Battery	17	63	1
72–4860	Bracket – Pump Support	11	56	1
72–8650	Arm – Cross Shaft	16	1	1
72–8690	Shaft – Traction Clutch	20	14	1
72–8710	Handle & Latch	20	10	1
72–8780	Latch – Clutch Solenoid	21	53	1
72–8790	Rod – Solenoid Adjusting	21	67	1
72–8810	Assy. – Handle, Valve	20	32	1
72–8920	Guide – Traction Belt	17	64	1
72–9000	Frame	9	63	1
72–9030	Cushion – Guard	22	38	2
72–9040	Wire – Linkage	16	13	1
72–9050	Clip – Control Cover	21	55	1
72–9060	Cushion – Solenoid Stop	20	13	1
72–9070	Pad – Bumper	20	25	1
72–9080	Bracket – Spring	21	51	1
72–9090	Bracket – Spring Latch	21	61	1
72–9100	Coring Head W.A.	6	68	1
72–9110	Brace – Control Panel	20	22	1
72–9120	Pan – Engine Oil Drain	10	10	1
72–9130	Pin – Roller Latch	21	70	1
72–9140	Roller – Latch	21	69	2
74–0720	Tube	22	25	1
76–2300	Hose – Cylinder	10	3	1
76–2370	Guard – Chairn	6	76	2
76–2590	Brake – Caliper	11	63	1
76–2610	Arm W.A. – Brake	17	79	1
76–2620	Bracket W.A.	10	8	1
77–5320	Tine – Spiker, 5/16"	3	*	12
77–5340	Tine – Spiker	26	8	28
77–5350	Clamp – Tine	26	4	8
77–5360	Plate – Tine Holder	26	1	4
77–5370	Tine – Holder	26	5	4
77–5380	Guard – Turf (Spiker)	26	3	4
80–0090	Pin – Groove	18	3	1
80–0180	Lever – Cam	18	12	1
80–0190	Bracket – Floating	18	9	1
80–0210	Pin – Adjustment	18	1	1
80–0230	Pin – Actuator	18	6	1
80–0240	Housing – Live Side	18	5	1
80–0260	Plate – Backing	18	7	1
80–0270	Lining	18	8	2
80–0280	Sub–Assy. – Anvil	18	10	1
80–0530	Handle W.A.	22	19	1
80–2710	Assembly – Front Axle	8	13	1
80–2830	Housing Switch	7	3	1
80–2840	Plunger – Switch	7	6	1
80–3810	Wire Harness – Coring	19	7	
80–3810	Wiring Harness – Coring	6	86	1
80–3820	Bracket – Switch	5	44	1
80–3830	Bolt – Shoulder	3	41	4
80–3890	Arm – Brake	11	64	1
80–3910	Decal – Control	20	21	1
80–3920	Clamp – Boot Solenoid	21	65	1
80–3930	Guard – Switch	6	85	1
80–3940	Clip – Rosebud	21	73	1
80–3950	Wire Harness – Main	19	3	1
80–3960	Solenoid Assembly	21	72	1
80–4020	Bracket – Idler Pulley Pivot	5	53	1
80–4030	Panel – Control	20	16	1
82–8020	Clamp	8	6	2
84–8480	Sleeve	6	57	2
92–7941	Tine – Open Center 7/8"	3	*	12
93–0177	Shaft	8	48	2
93–0307	Nut – Retainer	8	51	2
93–0309	Washer – Tab	8	45	2
217–60	Rim	9	64	2
218–331	Boot–Battery	17	57	1
218–461	Nut – Hex	20	9	1
218–462	Screw – Machine	20	28	6
218–573	Fuse – 5 Amp	19	8	1
2210–275	Gasket	16	28	1
231–119	Tire	9	65	2
231–126	Tire	8	15	2
232–35	Stem – Valve w/Cap	8	24	4
233–13	Knob	10	27	1
233–13	Knob – With Ring	20	11	2
233–25	Knob	16	15	1
237–21	O–Ring	10	2	2
237–21	Seal – O–Ring	20	40	2
237–22	O–Ring	20	43	2
237–42	O–Ring	11	74	2
237–42	O–Ring	23	2	2
237–42	Seal – O–Ring	20	29	2
237–78	O–Ring	20	38	2
237–125	Grommet	17	78	1
241–123	Rim	8	16	2
242–50	Nut – Lug	8	1	8
249–38	Keeper	1	16	2
249–40	Keeper	1	14	3
2412–36	Clamp – Hose	20	42	1
2412–41	R–Clamp	17	86	1
2412–68	R–Clamp	6	70	1
2412–133	R–Clamp	22	24	2
251–297	Bearing	5	4	6
251–297	Bearing – Ball	8	34	4
251–312	Bearing	3	5	8
251–312	Bearing	5	20	1
251–313	Bearing	5	31	1
252–105	Bearing – Roller	8	23	4
253–158	Seal – Shaft	8	49	2
253–166	Seal	5	38	1
254–61	Cup – Bearing	8	7	2
254–62	Cone – Bearing	8	9	1
254–70	Cone – Bearing	8	8	1
254–105	Bearing – Roller	8	44	4
256–216	Bushing	17	69	2
256–301	Bushing	22	11	2
256–312	Bushing	21	62	1
256–319	Bushing – Split	6	56	2
2710–16	Chain – Connecting Link	20	34	1
2710–16	Link – Connecting	8	41	2
2710–20	Link – Single Pitch	9	66	2
282–1	Yoke	20	5	1
282–22	Clevis	2	7	4
281–1	Plug – Oil	10	30	1
282–26	Clevis	22	41	1
283–2	Pin – Clevis	2	8	4
283–2	Pin – Clevis	11	69	1
283–2	Pin – Clevis	20	7	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
283–11	Pin – Clevis	22	23	1
283–60	Pin – Clevis	25	3	2
283–66	Pin – Clevis	22	14	1
283–67	Pin – Clevis	11	70	1
283–74	Pin – Clevis	10	9	2
287–13	Link – Connecting	3	13	2
2811–10	Elbow – Street	10	32	1
302–5	Fitting – Grease	3	43	4
302–5	Fitting – Grease	8	17	3
302–5	Fitting – Grease	25	23	1
302–10	Grease Fitting	8	47	2
302–18	Fitting – Grease	21	71	1
302–22	Fitting – Grease	7	2	1
321–2	Screw – Cap Hex Hd.	17	76	1
321–3	Screw – Cap, Hex. Hd.	20	20	1
321–3	Screw– Cap Hex Hd.	16	32	3
321–4	Screw – Cap, Hex. Hd.	10	12	2
321–5	Screw– Cap Hex Hd.	11	75	2
321–5	Screw– Cap Hex Hd.	17	65	1
321–6	Screw – Cap, Hex Hd.	8	25	2
321–9	Screw – Cap Hex Hd.	16	18	1
321–13	Screw – Cap, Hex. Hd.	10	34	3
321–14	Screw – Cap Hex. Hd.	20	24	4
321–33	Screw – Cap, Hex. Hd.	6	78	2
321–43	Screw – Cap, Hex. Hd.	5	11	2
322–2	Screw – Cap Hex Hd.	1	4	1
322–3	Screw – Cap, Hex Hd.	25	10	2
322–4	Screw – Cap Hex. Hd	22	48	4
322–5	Screw – Cap, Hex Hd.	25	7	1
322–5	Screw – Cap, Hex. Hd.	10	43	4
322–6	Screw – Cap, Hex Hd.	25	6	2
322–7	Screw – Cap, Hex. Hd.	5	32	3
322–12	Screw – Cap Hex Hd.	16	38	1
322–26	Screw – Cap, Hex. Hd.	20	19	2
323–4	Screw – Cap Hex Hd.	17	73	4
323–4	Screw – Cap Hex. Hd.	26	6	16
323–4	Screw – Cap, Hex. Hd.	6	66	2
323–5	Screw – Cap Hex Hd.	16	42	2
323–5	Screw – Cap, Hex. Hd.	10	41	2
323–6	Screw – Cap Hex Hd.	3	37	8
323–6	Screw – Cap, Hex. Hd.	5	6	2
323–6	Screw – Cap, Hex. Hd.	10	6	3
323–6	Screw – Cap, Hex. Hd.	25	13	4
323–7	Screw – Cap Hex. Hd.	6	87	1
323–7	Screw – Cap, Hex. Hd.	21	56	1
323–10	Screw – Cap, Hex. Hd.	11	54	4
323–11	Screw – Cap Hex Hd.	3	38	8
323–12	Screw – Cap Hex Hd.	17	51	1
323–13	Screw – Cap Hex. Hd.	24	3	4
323–20	Screw – Cap, Hex. Hd.	5	52	2
323–25	Screw – Cap, Hex. Hd.	5	40	1
325–7	Screw – Cap, Hex Hd.	25	17	1
325–13	Screw– Cap Hex. Hd.	8	37	2
329–7	Screw – Cap, Hex. Hd.	22	1	1
3211–10	Screw – Cap Hex. Hd.	18	4	2
3211–12	Screw–Cap Hex Hd.	2	1	4
3212–8	Screw – Cap Hex Hd.	16	48	1
3217–5	Nut – Hex	16	37	2
3217–5	Nut – Hex	20	36	4
3217–7	Nut	10	53	4
3217–9	Nut–Hex	3	32	8
3217–26	Nut – Jam	5	43	1
3218–1	Nut – Jam	5	10	2
3218–2	Nut – Jam	1	5	1
3218–2	Nut – Jam	17	53	1
3218–3	Nut – Jam	10	17	1
3218–5	Nut – Jam	6	63	2
3218–6	Nut – Jam	3	24	4
3219–1	Nut – Hex.	11	60	3
3219–3	Nut	2	6	4
3220–1	Nut – Jam	11	59	2
3220–3	Nut – Jam	20	4	1
3220–4	Nut – Jam	18	2	1
3220–7	Nut – Jam	8	18	2
3220–7	Nut – Jam	15	15	1
3242–9	Screw – Set, Sq. Hd.	17	54	1
3243–9	Screw – Set, Sq. Hd.	11	55	1
3245–2	Screw – Set	5	25	1
3245–2	Screw – Set	16	9	2
3245–33	Screw – Set	11	57	2
3247–2	Screw – Set	10	42	4
3247–2	Screw – Set	22	43	1
3252–3	Screw – Machine	22	35	1
3253–3	Washer – Lock	10	35	3
3253–3	Washer – Lock	16	17	2
3253–3	Washer – Lock	20	35	4
3253–4	Washer – Lock	5	34	3
3253–4	Washer – Lock	16	39	1
3253–5	Washer – Lock	25	12	4
3253–6	Washer – Lock	10	15	3
3253–6	Washer – Lock	16	47	1
3253–7	Washer – Lock	3	31	8
3253–7	Washer – Lock	8	38	2
3253–7	Washer – Lock	26	2	16
3253–12	Washer – Lock	6	80	2
3253–15	Washer – Lock	20	27	6
3253–21	Washer – Lock	3	7	52
3253–21	Washer – Lock	5	7	9
3253–21	Washer – Lock	10	7	8
3253–21	Washer – Lock	16	5	10
3253–21	Washer – Lock	20	49	4
3253–21	Washer – Lock	26	7	16
3254–1	Washer – Lock	16	33	1
3254–5	Washer – Lock, Int. Tooth	20	8	1
3254–8	Washer – Lock, Int. Tooth	21	59	1
3254–8	Washer – Lock, Int. Tooth	17	58	3
3255–5	Washer – Lock, Int. Tooth	16	11	1
3256–2	Washer – Flat	17	83	6
3256–4	Washer – Flat	2	2	8
3256–6	Washer – Flat	16	46	1
3256–14	Washer – Flat	22	32	2
3256–21	Washer – Flat	20	26	8
3256–22	Washer – Flat	8	26	2
3256–22	Washer – Flat	16	16	6
3256–23	Washer – Flat	16	40	1
3256–23	Washer – Flat	22	47	4
3256–23	Washer – Flat	25	28	3
3256–24	Washer – Flat	5	39	4
3256–24	Washer – Flat	16	43	5
3256–24	Washer – Flat	22	50	1
3256–25	Washer – Flat	10	46	1
3256–25	Washer – Flat	16	41	1
3256–26	Washer – Flat	2	12	6
3256–26	Washer – Flat	5	51	4
3256–26	Washer – Flat	8	36	2
3256–26	Washer – Flat	20	31	1
3256–26	Washer – Flat	25	20	1
3256–44	Washer – Flat	3	2	8

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3256–44	Washer – Flat	5	17	2
3256–53	Washer – Flat	22	10	2
3256–61	Washer – Flat	22	30	2
3256–69	Washer – Flat	16	2	11
3257–5	Key	10	33	2
3269–3	Rivet – Pop	3	33	24
3269–4	Rivet – Pop	1	15	4
3269–4	Rivet – Pop	6	62	4
3269–8	Rivet – Pop	1	7	10
3269–17	Rivet–Pop	1	20	4
3272–4	Pin – Cotter	11	68	1
3272–4	Pin – Cotter	11	72	1
3272–6	Pin – Cotter	2	5	8
3272–6	Pin – Cotter	17	84	1
3272–6	Pin – Cotter	20	6	1
3272–6	Pin – Cotter	22	16	1
3272–11	Pin–Cotter	25	25	1
3272–12	Pin–Cotter	10	18	2
3272–13	Pin – Cotter	8	20	4
3272–30	Pin – Cotter	25	24	1
3274–7	Screw – Cap, Socket Hd.	5	29	3
3274–7	Screw – Hex Socket Hd.	3	10	12
3274–26	Screw – Socket Hd.	10	25	3
3274–50	Screw – Cap, Socket Hd.	5	23	4
3274–50	Screw – Hex Socket Hd.	3	8	24
3289–4	Screw – Flat Hd. Hex. Soc.	6	79	2
3290–126	Screw – Hex Washer Hd.	20	47	1
3290–224	Washer – Lock, Pyramidal	6	73	2
3290–224	Washer – Pyramidal	4	45	4
3290–224	Washer – Pyramidal	10	29	1
3290–238	Washer – Pyramidal	10	44	4
3290–250	Pin – Hair	25	9	1
3290–271	Rivet – Pop	9	55	2
3290–355	Pin – Hair	25	14	2
3290–355	Pin – Hair, Cotter	1	12	1
3290–359	Screw – Machine, Hex. Hd.	5	13	2
3290–360	Screw – Hex. Head	5	42	1
3290–378	Tie – Cable	6	84	1
3290–379	Tie – Cable	10	19	1
3290–379	Tie – Cable	22	18	3
3290–381	Tie – Cable	22	17	5
3290–418	Nut – Push On	21	64	1
3290–418	Nut – Push On	22	21	1
3296–3	Nut – Lock	22	49	1
3296–8	Rivet – Pop	8	28	4
3296–9	Nut – Lock	22	9	2
3296–12	Nut – Hex.	22	31	1
3296–12	Nut – Lock	5	45	2
3296–12	Nut – Lock	20	23	1
3296–13	Nut – Lock	21	66	1
3296–15	Nut – Lock	9	52	2
3296–22	Washer – Flat	11	73	3
3296–23	Nut – Lock	5	50	8
3296–29	Nut – Lock	22	46	4
3296–39	Nut – Lock	17	71	1
3296–42	Nut – Lock	6	77	2
3296–42	Nut – Lock	9	54	2
3296–42	Nut – Lock	10	11	3
3296–42	Nut – Lock	17	75	1
3296–44	Nut–Lock	3	26	4
3296–45	Nut – Lock	8	5	2
3296–59	Nut – Lock	6	65	2
3296–67	Nut – Hex	3	1	8
3296–67	Nut – Lock	5	16	2
3296–68	Nut – Lock	8	11	1
32103–12	Nut–Wing	17	59	2
32104–17	Screw – Hex Hd. Self Tap.	22	39	2
32104–17	Screw – Hex Hd. Self–Tap	17	66	1
32105–8	Screw – Washer Head	6	81	2
32105–17	Screw – Pan Hd. Machine	22	6	2
32111–8	Cap & Locknut	1	6	1
32111–8	Nut – Lock, Cap	20	15	2
32120–11	Ring – Retaining	5	1	6
32120–11	Ring – Retaining	8	32	4
32120–22	Ring – Retaining	3	3	16
32120–65	Ring – Retaining	15	14	1
32121–16	Pin – Roll	17	67	3
32121–20	Pin – Roll	10	21	1
32121–23	Pin – Roll	20	3	1
32121–49	Pin – Roll	22	44	1
32121–90	Pin – Roll	21	68	2
32128–19	Nut – Flange	24	2	4
32128–19	Nut – Lock, Flange Hd.	6	69	3
32128–25	Nut – Lock, Flange	25	5	5
32128–27	Nut – Lock, Flange	25	19	1
32128–33	Nut – Flange	6	82	2
32128–33	Nut – Lock	20	18	1
32136–5	Nut – Hex. Slotted	9	68	2
32140–29	Screw – Washer Hd.	6	61	4
32144–4	Screw – Self Tap Hex Hd.	25	2	4
32144–57	Screw – Hex Hd. Thread	17	81	2
32144–64	Screw – Hex Hd. Self–Tap	17	82	1
32144–64	Screw – Hex. Hd. Self Tap	22	29	6
32144–73	Screw – Hex. Washer Head	6	83	1
32144–112	Screw – Backing Plate	20	2	
32151–54	Ring – Retaining	7	7	1
32151–75	Ring – Retaining	3	20	4
32151–77	Ring – Retaining	6	58	2
32153–2	Nut – Lock	5	15	2
32153–2	Nut – Lock	21	54	1
32153–3	Nut – Lock	16	29	2
32153–4	Nut – Hex. Lock	17	85	4
32153–5	Nut – Lock	20	33	1
32153–11	Nut – Lock	18	11	2
340–77	Fitting – 90°	20	44	2
340–82	Fitting	10	1	2
340–92	Fitting – Straight	20	39	2

*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 Greens Aerator traction unit and coring head each have two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is riveted to each frame member. 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 Service Dealer, supply the following information:

1. Model and serial number of the machine.
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.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

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

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MAINTENANCE RECORD

Date								