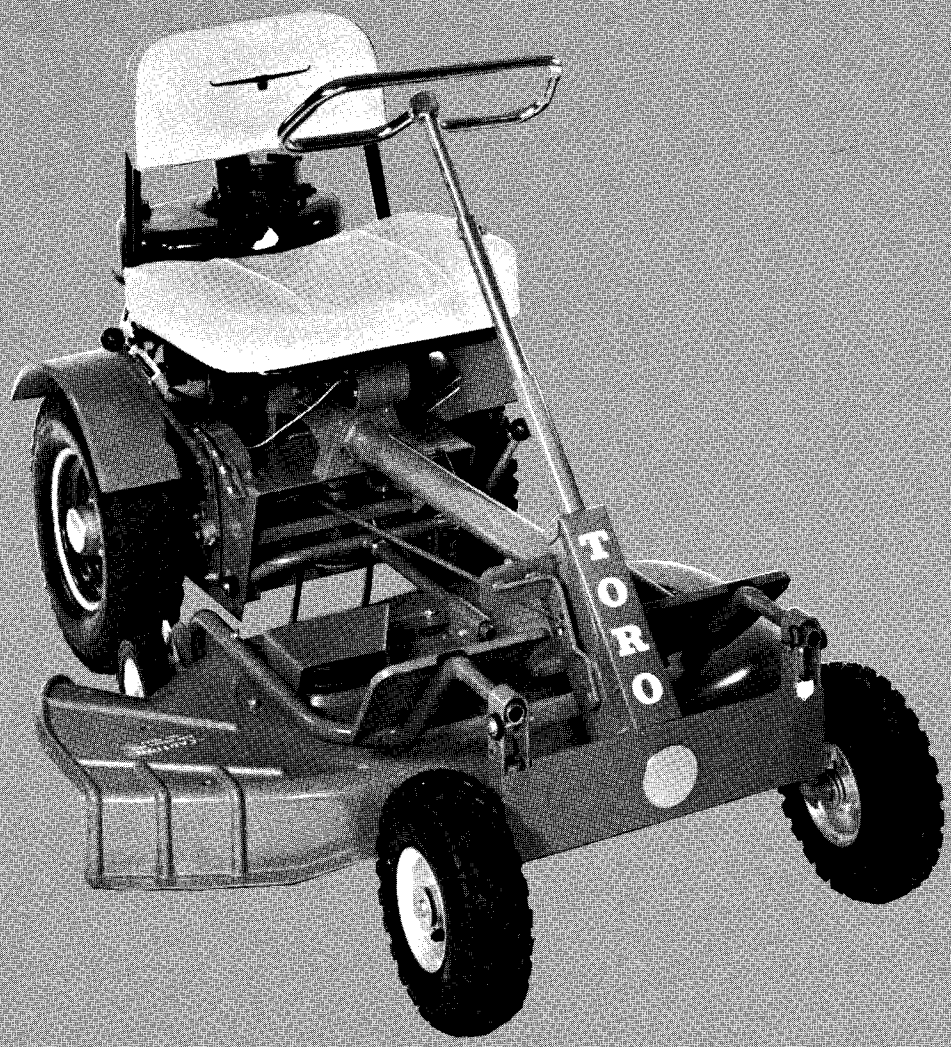
1966-70

TORO®

REFERENCE DRAWING AND PARTS LIST



BIG RED†

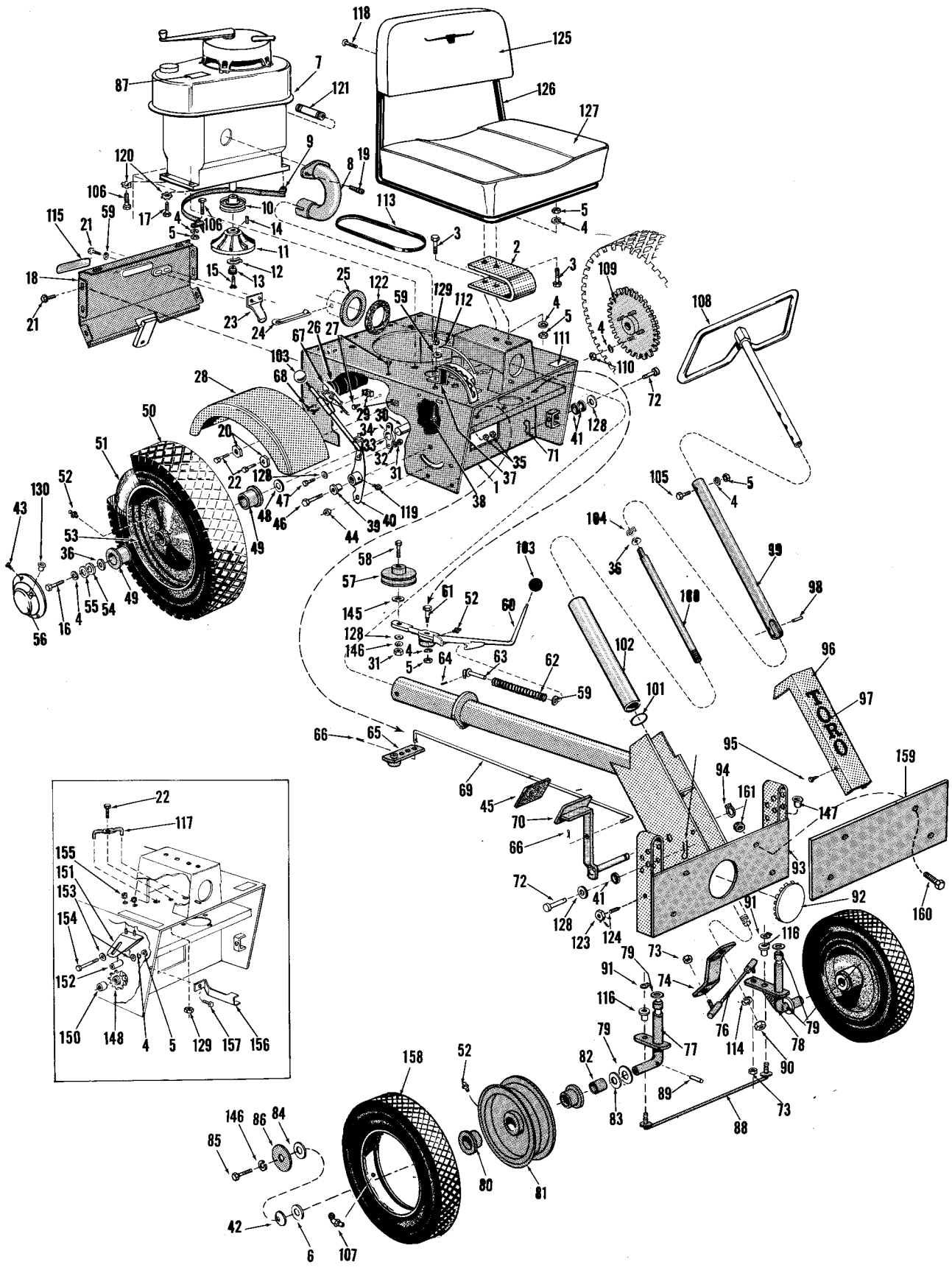
MODEL NOS. 51060 – 600001 & UP, 700001 & UP, 800001 & UP, 900001 & UP, 000001 & UP

51070 – 600001 & UP, 700001 & UP, 800001 & UP, 900001 & UP, 000001 & UP

Price 25 cents

† EXCLUSIVE MARK OF TORO MFG.

MAIN FRAME ASSEMBLY



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TORO MANUFACTURING CORPORATION
MINNEAPOLIS 20, MINNESOTA – U.S.A.

MAIN FRAME PARTS LIST

Ref. No.	PartNo.	Description	No. Used
1	3-8180	Rear Housing	1
2	3-6741	Seat Spring	1
3	322-4	Capscrew	4
4	3253-4	Lockwasher	18
5	3217-6	Nut	10
6	5-1455	Spacer	2
7	221-238	Engine	1
8	3-7920	Exhaust Tube Assembly	1
9	3-7960	Belt Retainer	1
10	3-5516	Pulley	1
11	3-5515	Friction Plate	1
12	32151-1	Snap Ring	1
13	3-6355	Spacer	1
14	3-5517	Key	1
15	3290-236	Screw	1
16	322-3	Capscrew	2
17	322-6	Capscrew	2
18	5-0120	Rear Cover	1
19	3274-10	Screw	2
20	3290-257	S.P. Washer	4
21	32140-42	Sems Screw	10
22	321-3	Capscrew	5
23	3-6351	Bracket, Neutral	1
24	3272-37	Cotter Pin	1
25	3-5823	Tube Retainer	1
26	2212-9	Muffler	1
27	32140-32	Screw	2
28	3-5567	Fender	2
29	3290-225	Nut	4
30	3-6037	Axle Shaft	1
31	3217-7	Nut	5
32	3255-9	S. P. Washer	4
33	3-5458	Shaft Retainer	2
34	32121-12	Roll Pin	2
35	3218-4	Nut	2
36	3290-239	Spring Washer	5
37	3-7776	Shift Quadrant	1
38	321-3	Capscrew	2
39	3-6486	Bushing	1
40	5-0450	Shift Lever Assembly	1
41	3-6738	Rubber Washer	6
42	3290-242	Spring Washer	2
43	32104-76	Screw	4
44	32146-4	Nut	1
45	5-2046	Pad, Pedal	1
46	324-7	Capscrew	1
47	323-5	Capscrew	4
48	2-4810	Washer	2
49	256-142	Bushing	4
50	231-3	Tire	2
51	232-3	Tube	2
52	302-5	Zerk	5
53	241-72	Wheel Assy. with Bushing	2
54	3-8448	Washer	2
55	5-1350	Washer	2
56	3-6036	Hub Cap	2
57	3-3945	Pulley	1
58	323-10	Capscrew	1
59	3256-22	S. A. E. Washer	5
60	5-0110	Lever	1
61	3-6353	Shoulder Bolt	1
62	3-5508	Compression Spring	1
63	5-1512	Pivot Rod	1
64	3272-1	Cotter Pin	1

Ref. No.	Part No.	Description	No. Used
65	3-7940	Engaging Arm Assembly	1
66	3272-9	Cotter Pin	2
67	3-6117	Throttle Control	1
68	32104-76	Screw	2
69	3-5425	Brake Rod	1
70	5-0140	Foot Pedal	1
71	3290-255	Hair Pin Cotter	4
72	3-6744	Pin, Clevis	4
73	32146-4	Nut	2
74	3-5475	Steering Plate	1
76	3-6897	Ball Joint Assembly	1
77	3-6742	Spindle and Bushing, R. H.	1
78	5-0130	Spindle and Bushing, L. H.	1
79	3-7471	Washer, Thrust	4
80	256-144	Bushing	4
81	4-3439	Wheel & Hub Assy. (Incl. Ref. No. 80)	2
82	3-5472	Bushing	2
83	3256-29	S. A. E. Washer	2
84	3-3391	Washer	2
85	3211-4	Capscrew	2
86	2-6710	Hub Cap	2
87	3-7644	Decal	1
88	3-6362	Tie Rod	1
89	32121-6	Roll Pin	2
90	3217-9	Nut	1
91	32151-3	Snap Ring	2
ɵ92	2410-15	Plug Button	1
93	3-8080	Front End	1
*	5-3865	Front End W. A.	1
94	32120-94	Snap Ring	1
95	32104-71	Screw	2
96	3-5482	Cover	1
97	3-5583	Decal	1
98	32121-30	Roll Pin	1
99	3-7244	Steering Tube	1
100	3-5476	Spindle	1
101	237-31	"O" Ring	1
102	3-6735	Pivot Lock Tube	1
103	233-12	Knob	2
104	32151-2	Snap Ring	1
105	322-17	Capscrew	1
106	322-5	Screw	3
107	232-21	Valve Stem	2
108	3-9891	Steering Wheel	1
109	3-7990	Sprocket	2
110	3219-2	Nut	8
111	3-5756	Decal	1
112	3-7785	Decal	1
113	3-6348	Belt	1
114	3253-7	Lockwasher	1
115	3-1058	Decal	1
116	3-3258	Bushing	2
117	3-5428	Belt Retainer	1
118	32108-7	Screw	2
119	302-11	Zerk	1
120	3255-18	S. P. Washer	4
121	289-11	Pipe Nipple	1
122	3-6737	Washer	1
123	3218-1	Nut	2
124	3245-3	Screw	2
125	351-17	Seat Back	1
126	351-16	Seat Frame	1
127	351-18	Seat	1

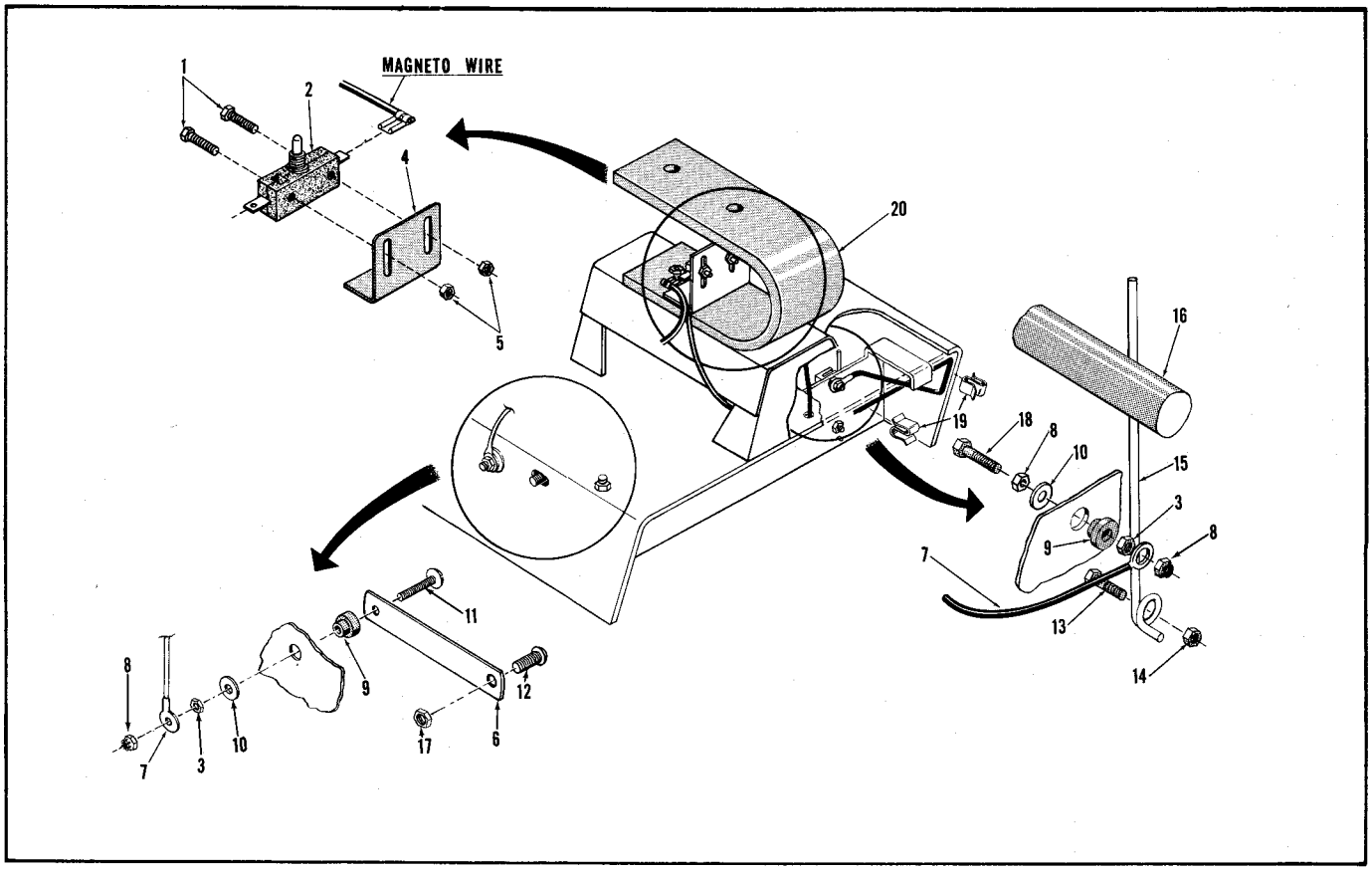
ɵ Used on Recoil Units Only.

MAIN FRAME PARTS LIST (Continued)

Ref. No.	Part No.	Description	No. Used
128	3256-24	S. A. E. Washer	7
129	32149-2	Nut	3
130	2410-18	Protective Cap	2
145	3-1372	Spacer	1
146	3253-21	Lockwasher	3
147	2410-17	Cap	2
148	3-6379	Idler Sprocket with Bearing	1
150	252-62	Bearing	1
151	3-9990	Idler Bracket	1
152	3-6401	Spindle	1
153	3256-23	S. A. E. Washer	2
154	322-10	Capscrew	1
155	32149-1	Nut	2
156	3-8940	Belt Guide	1
157	32140-15	Screw	1
158	231-40	Tire	2
*159	5-3863	Plate, Spindle Support	1
*160	323-9	Capscrew	4
*161	32146-2	Nut	4
*	2-9369	Loose Parts Kit	1
⊖	2-6639	Loose Parts Kit	1

* Used on Electrical Start Units Only

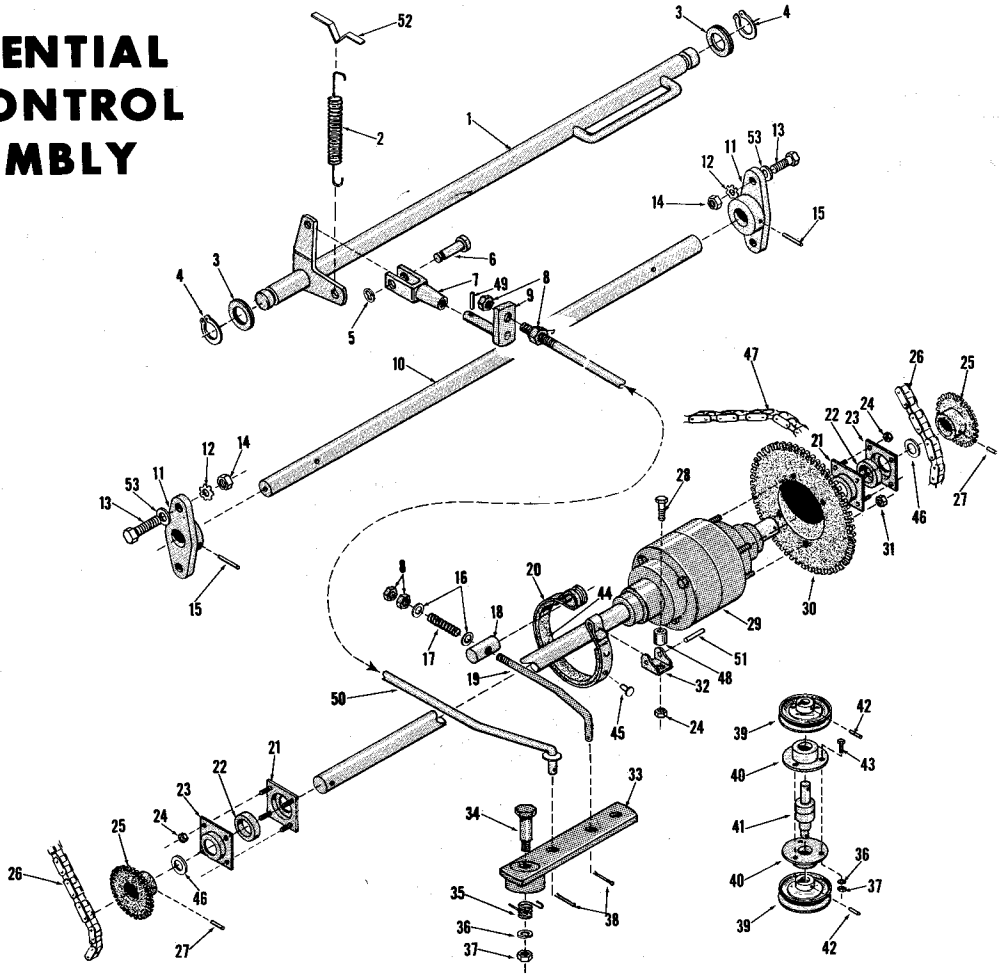
INTERLOCK ASSEMBLY



PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3290-124	Screw	2
2	218-244	Micro Switch	1
3	32149-6	Nut	2
4	3-5908	Bracket Switch	1
5	32149-6	Nut	2
6	3-6035	Spring	1
7	3-8970	Wire Assy.	1
8	3217-29	Nut	3
9	3-6034	Washer	2
10	3-2433	Washer	2
11	32122-37	Screw	1
12	3258-36	Screw	1
13	321-3	Capscrew	1
14	3296-16	Nut	1
15	3-5645	Spring	1
16	5-0110	Lever Assembly	1
17	3218-1	Nut	1
18	3286-4	Screw	1
19	2412-9	S-Clip	2
20	3-6741	Seat Spring	1

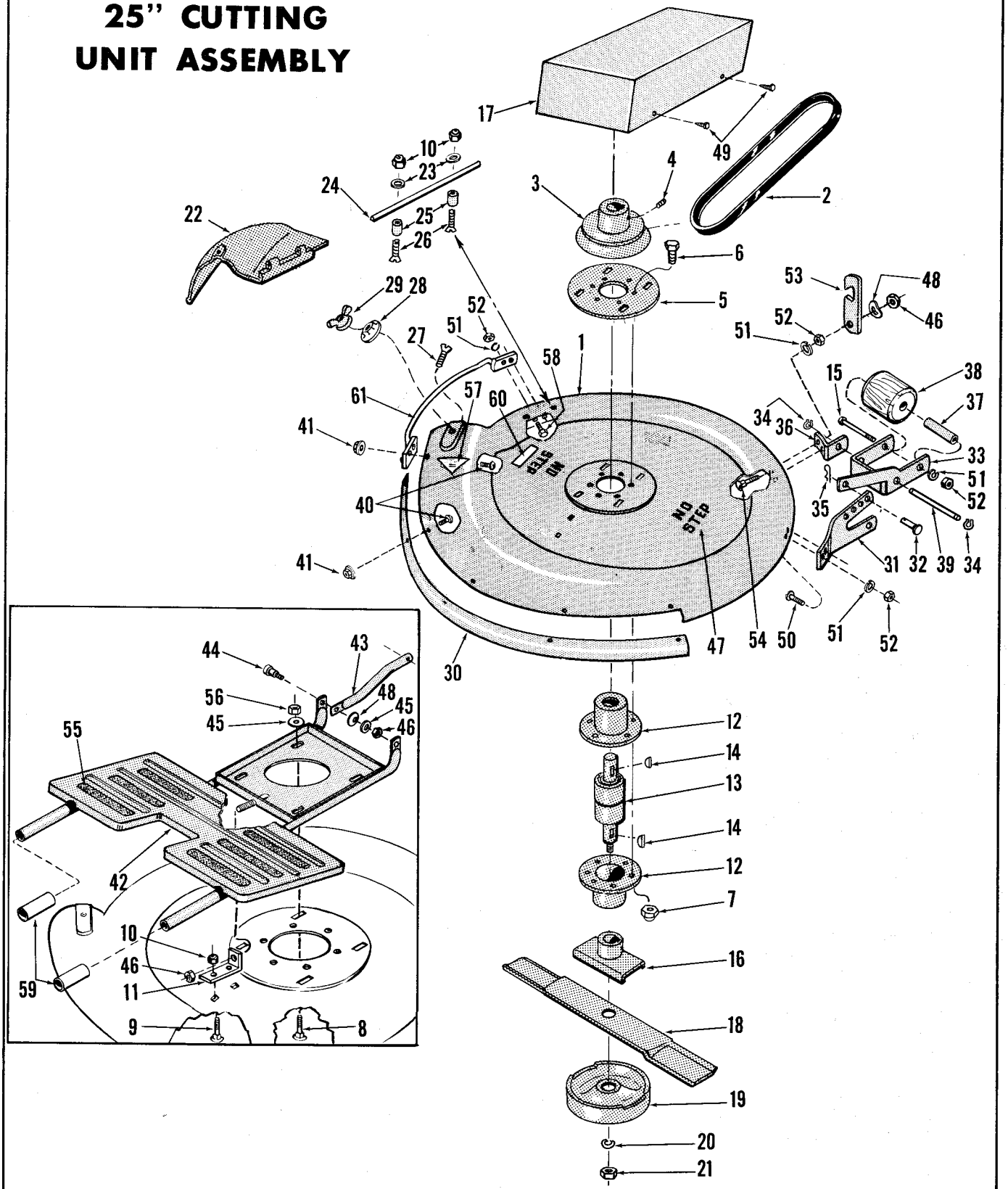
DIFFERENTIAL AND CONTROL ASSEMBLY



Ref. No.	Part No.	Description	No. Used
1	3-7791	Pivot Shaft	1
2	3-6734	Spring	1
3	256-134	Nyliner	2
4	32151-7	Snap Ring	2
5	32120-35	Snap Ring	1
6	3-5772	Yoke Pin	1
7	3-6344	Yoke	1
8	3220-2	Nut	4
9	3-9980	Bracket	1
10	3-6037	Axle Shaft	1
11	3-5458	Shaft Retainer	2
12	3255-9	S. P. Washer	4
13	323-5	Capscrew	4
14	3217-7	Nut	4
15	32121-12	Roll Pin	2
16	3256-23	S. A. E. Washer	2
17	3-5507	Spring	1
18	3-5631	Pin	1
19	3-5445	Brake Rod	1
20	3-1139	Brake Band Asm	1
21	3-7890	Bearing Retainer	2
22	251-172	Bearing	2
23	3-5403	Bearing Retainer	2
24	32149-2	Nut	9
25	3-7782	Sprocket	2
26	3-7786	Chain	2

Ref. No.	Part No.	Description	No. Used
27	32121-12	Roll Pin	2
28	321-9	Capscrew	1
29	3-5547	Differential Assy.	1
30	3-7990	Sprocket Assy	1
31	32146-4	Nut	4
32	3-5431	Bracket	1
33	3-7940	Engaging Arm Assy.	1
34	3-5435	Bolt	1
35	3-5757	Spring	1
36	3253-4	Lock Washer	4
37	3217-6	Hex Nut	4
38	3272-9	Cotter Pin	2
39	3-5895	Pulley	2
40	3-5432	Bearing Housing	2
41	3-5436	Bearing	1
42	32121-12	Roll Pin	2
43	322-3	Capscrew	3
44	3-5388	Lining	1
45	3295-20	Rivet	9
46	5-0713	Washer	2-4
47	3-5512	Chain	1
48	3-6331	Spacer	1
49	32121-7	Roll Pin	1
50	3-5451	Rod	1
51	32121-61	Roll Pin	1
52	2412-11	Clip, Anchor	1
53	3256-24	Washer	4

25" CUTTING UNIT ASSEMBLY



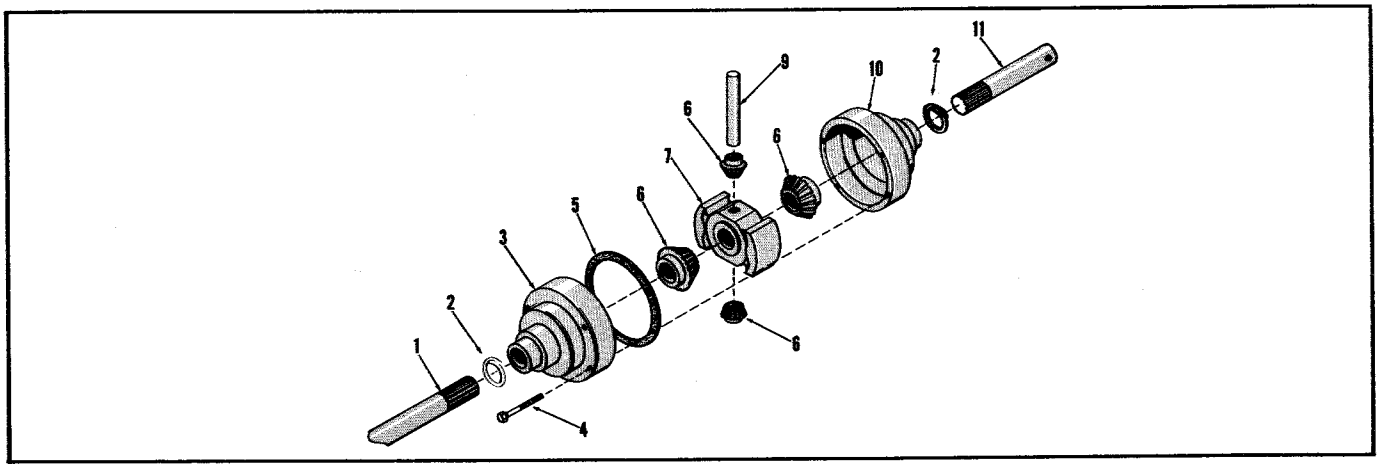
25" CUTTING UNIT PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-5571	Housing	1
2	3-5843	V-Belt	1
3	3-5262	Pulley	1
4	3243-3	Setscrew	2
5	3-2118	Reinforcement	1
6	322-5	Screw	6
7	3296-29	Nut	6
8	3231-12	Carriage Bolt	4
9	3229-11	Carriage Bolt	2
10	3296-8	Nut	4
11	3-2121	Bracket	1
12	3-1931	Bearing Housing	2
13	3-2963	Bearing Spindle	1
14	3257-23	Key	2
15	322-19	Screw	2
16	3-5220	Retainer	1
17	3-5537	Guard	1
18	5-4554	Blade	1
19	3-3803	Cup	1
20	3253-22	Lockwasher	1
21	32127-41	Locknut	1
22	3-0674	Deflector	1
23	3256-2	Cut Washer	2
24	3-1176	Hinge Pin	1
25	3-5528	Spacer	2
26	32108-7	Screw	2
27	32108-21	Screw	1
28	3290-147	Pal Nut	1
29	3-2625	Wing Nut	1
30	3-5536	Cover	1
31	3-5535	Pivot Bracket L. H.	1
*	3-5534	Pivot Bracket R. H.	1
32	3-6763	Pin	2

Ref. No.	part No.	Description	No. Used
33	3-8130	Pivot, L. H.	1
*	3-8140	Pivot, R. H.	1
34	32120-18	Snap Ring	4
35	3290-255	Hair Pin Cotter	2
36	3-7265	Support	2
37	3-0785	Spacer	2
38	3-0786	Roller	2
39	3-5581	Pivot Pin	2
40	3290-145	Screw	7
41	3-7544	Nut	7
42	3-8110	Cutter Support	1
43	3-5532	Push Tube	2
44	3-5561	Shoulder Bolt	2
45	3256-24	S. A. E. Washer	6
46	32146-5	Nut	5
47	3-5582	Decal	2
48	3290-213	Spring Washer	4
49	32104-76	Self Tapping Screw	4
50	32122-33	Truss Head Machine Screw	4
51	3253-4	Lockwasher	10
52	3217-6	Nut	10
53	3-5798	Transport Hook	2
54	32122-34	Truss Head Machine Screw	2
55	3-5961	Tread Pad	6
56	3296-39	Nut	4
57	5-5510	Decal	1
58	32122-14	Truss Head Screw	2
59	3-6743	Sleeve	2
60	3-7643	Decal	1
61	3-7718	Rod	1

* Not Illustrated

DIFFERENTIAL ASSEMBLY



PARTS LIST

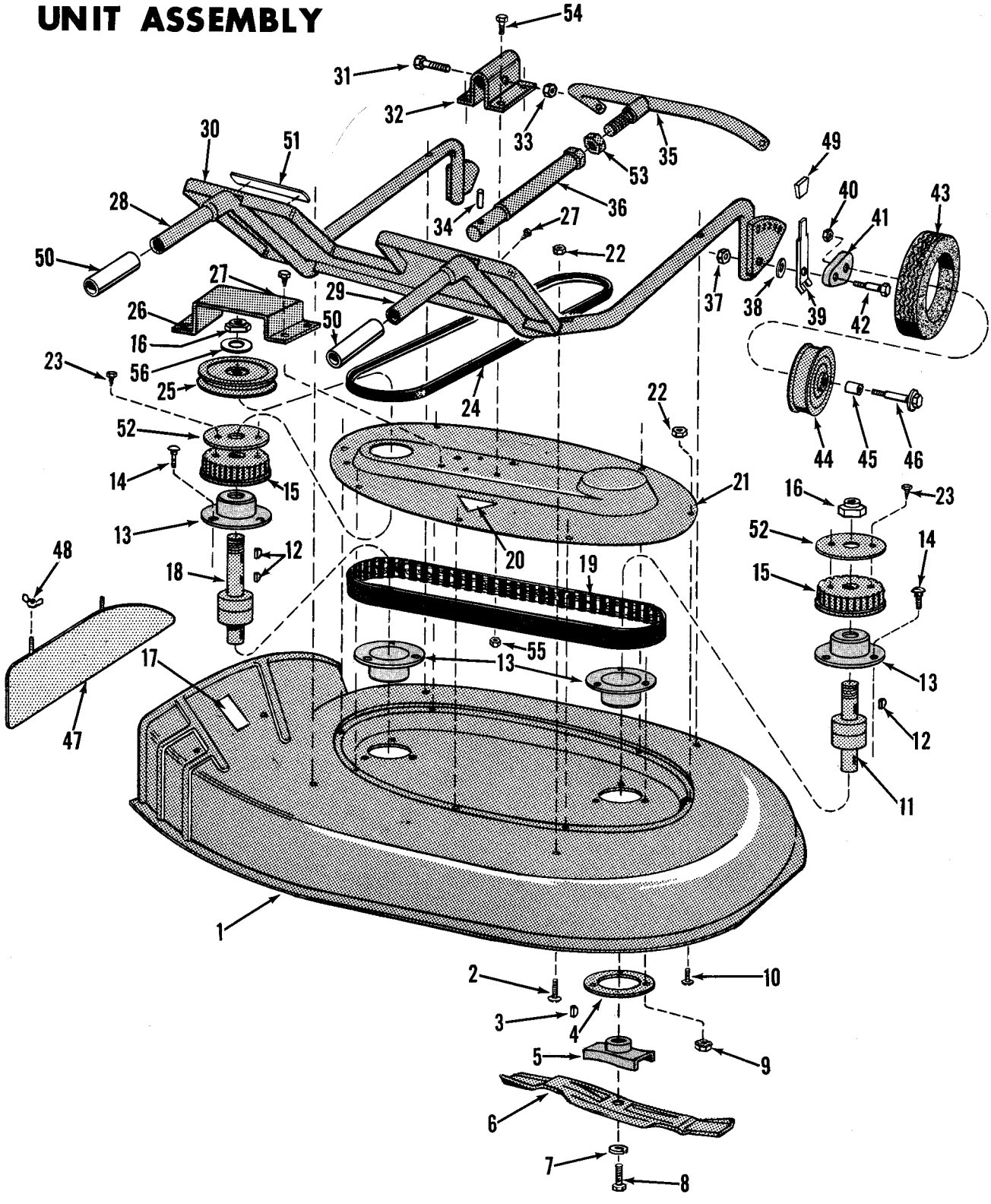
Ref. No.	Part No.	Description	No. Used
1	2119-170	Axle - Long	1
2	2119-167	Snap Ring	2
3	2119-166	Housing	1
4	3210-12	Hex Head Bolt	4
5	2119-173	Gasket	1
*6	2119-175	Bevel Gear & Pinion Kit	2

Ref. No.	Part No.	Description	No. Used
7	2119-172	Differential Cross	1
9	2119-171	Pinion Shaft	1
10	2119-165	Housing - Tapped	1
11	2119-169	Axle - Short	1

* Bevel Gear and Pinions sold as a kit only. Includes 2 Snap Rings, Ref. 2

INSIST ON GENUINE TORO PARTS

34" CUTTING UNIT ASSEMBLY



34" CUTTING UNIT PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-7627	Housing	1
2	32122-35	Screw, Truss Head	4
3	3-7681	Key, Shear	2
4	3-7692	Washer, Spindle	2
5	3-7682	Retainer, Blade W. A.	2
6	5-3526	Blade, 18"	2
7	3253-22	Lockwasher	2
8	3-7695	Bolt. Place	2
9	32149-1	Nut, Keps	8
10	32122-33	Screw, Truss Head	8
11	3-7674	Bearing, Spindle	1
12	3257-30	Key, Hi Pro	3
13	3-7693	Housing, Bearing	4
14	3-5861	Bolt. Carriage	8
15	3-5877	Pulley, P. D.	2
16	3296-33	Nut, Stop	2
17	3-5888	Caution Decal	1
18	3-7694	Bearing, Spindle	1
19	3-7677	Belt, P. D.	1
20	5-5510	Decal, Safety Standards	1
21	3-7675	Shroud, Housing	1
22	3296-29	Nut, Stop	12
23	32104-76	Screw, Self Tapping	8
24	3-4577	Belt, Drive	1
25	3-7686	Pulley	1
26	3-7685	Guard, Belt	1
27	32104-77	Screw, Self Tapping	6
28	3-7687	Tube, Support W. A.	1
29	3-7672	Tube, Support W. A.	1
30	3-7684	Foot Rest	1

Ref. No.	Part No.	Description	No. Used
31	329-7	Capscrew	1
32	3-7676	Bracket	1
33	3296-13	Nut, Stop	1
34	32121-9	Roll Pin	1
35	3-7701	Tube, Push W. A.	1
36	3-7696	Tube, Tension W. A.	1
37	3296-29	Nut, Stop	2
38	3-5956	Washer, Pivot	2
39	3-2637	Spring Arm Assy. (Ref. 49)	2
40	3296-5	Nut, Stop	2
41	5-0250	Pivot Arm Assembly "A"	1
*	5-0260	Pivot Arm Assembly "B"	1
42	3-5873	Pivot Screw	2
43	4-2610	Tires, 6"	2
44	3-2564	6" Wheel & Bushing Assy.	2
45	3-2664	Bushing	2
46	3-2652	Wheel Bolt	2
47	3-7704	Leaf Mulcher	1
48	32103-14	Wing Nut, Leaf Mulcher	2
49	5-0656	Arm Knob, L. H.	1
*	5-0657	Arm Knob, R. H.	1
50	3-6743	Plastic Sleeve	2
51	3-5961	Thread Pad	6
52	3-7647	Belt Guide	2
53	3218-6	Nut	1
54	321-2	Capscrew	4
55	3296-42	Nut	4
56	3256-27	Washer	1
*	3-1779	Loose Parts Kit	1

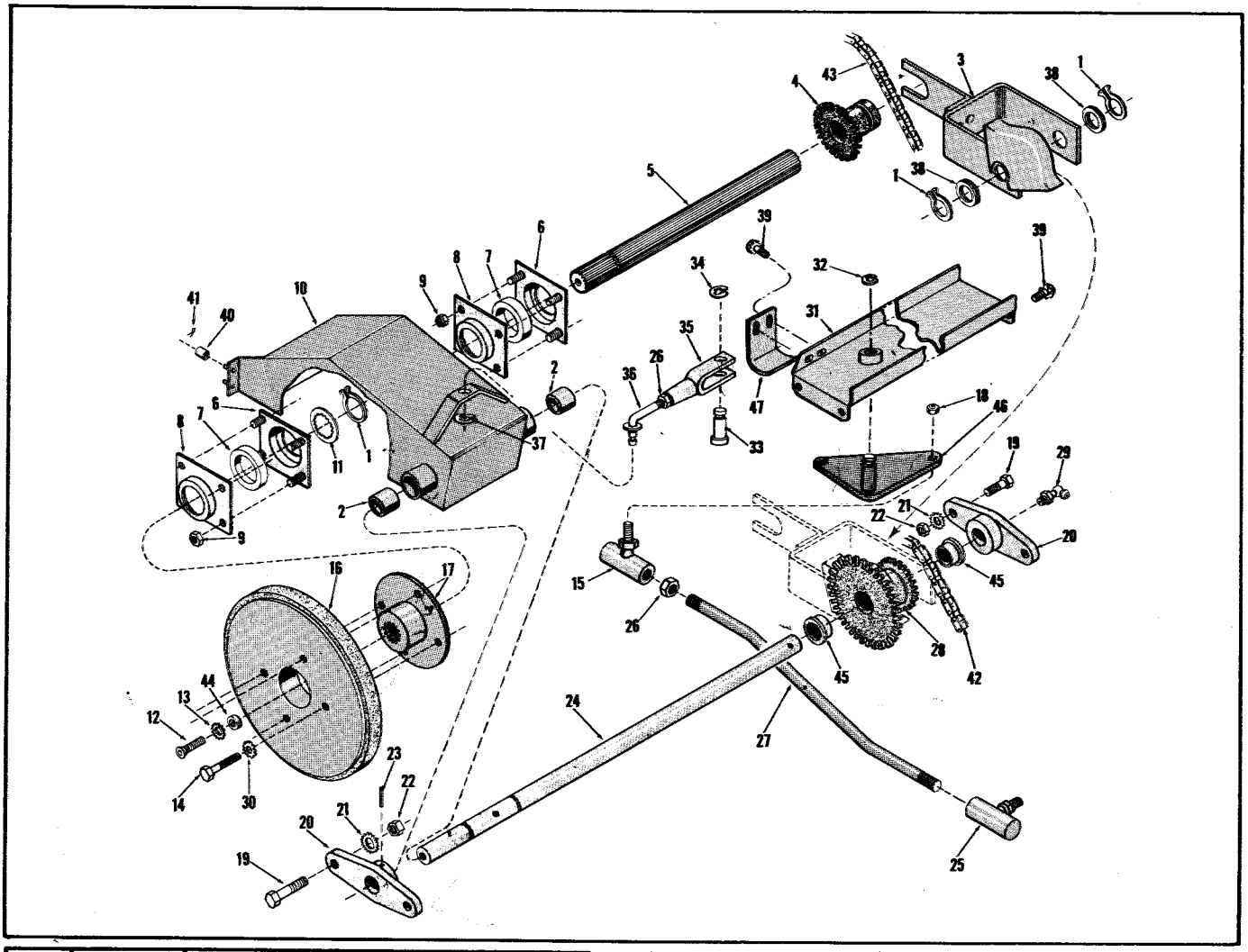
* Not Illustrated

INSIST ON GENUINE TORO PARTS

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 Reference Drawing and Parts List. If such a change apparently 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 parts numbers.

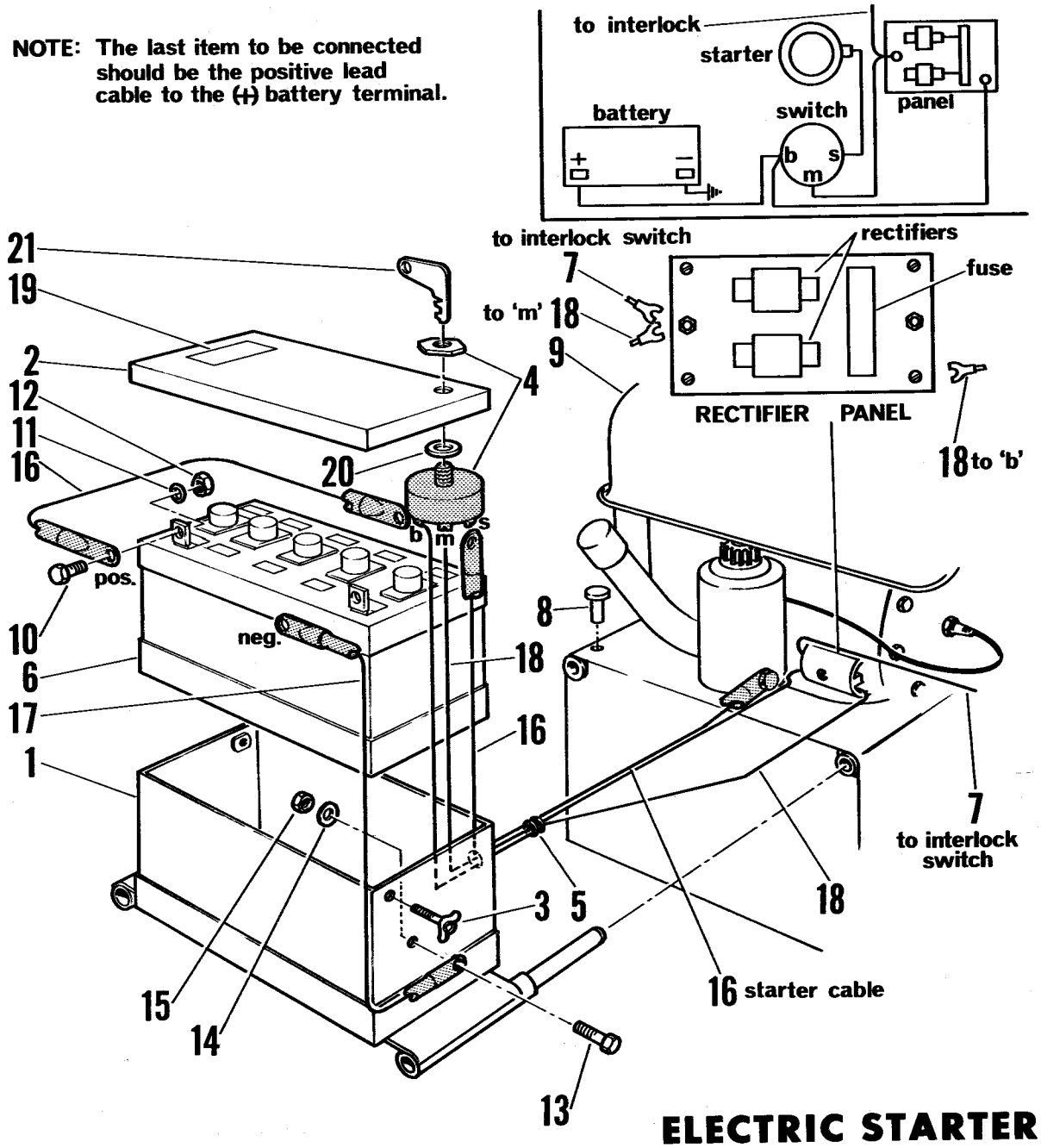
ENGAGING ASSEMBLY



Ref. No.	Part No.	Description	No. Used
1	32120-72	Snap Ring	3
2	256-32	Bushing	2
3	3-7980	Bracket	1
4	3-5398	Sprocket	1
5	3-7777	Drive Shaft	1
6	3-7890	Bearing Retainer	2
7	251-172	Bearing	2
8	3-5403	Bearing Retainer	2
9	32149-2	Nut	8
10	5-0090	Engaging Bracket	1
11	3-5467	Washer	1
12	3290-140	Screw	1
13	3255-12	S. P. Washer	1
14	322-2	Screw	4
15	2411-11	Ball Socket	1
16	3-5461	Disc Assy.	1
17	3-7784	Hub Assy.	1
18	32146-4	Nut	1
19	323-4	Capscrew	4
20	3-5458	Shaft Retainer	2
21	3255-9	S. P. Washer	4
22	3217-7	Nut	4
23	32121-12	Roll Pin	1
24	3-5462	Dead Shaft	1

Ref. No.	Part No.	Description	No. Used
25	2411-10	Ball Socket	1
26	3220-2	Nut	2
27	3-5444	Connecting Rod	1
28	3-7880	Sprocket Assy. with Bushings	1
29	302-40	Zerk	1
30	3290-244	Washer	4
31	3-8850	Support	1
32	32151-5	Snap Ring	1
33	3-5772	Yoke Pin	1
34	32120-35	Snap Ring	1
35	282-2	Yoke	1
36	3-5433	Rod	1
37	32151-4	Snap Ring	1
38	256-137	Nyliners	2
39	32140-42	Self Tapping Screw	6
40	3-5402	Roller Pivot	1
41	3272-2	Cotter Pin	1
42	3-5514	Chain	1
43	3-5512	Chain	1
44	3-5578	Washer	1
45	256-136	Bushing	2
46	3-7781	Bell Crank Shift	1
47	3-5815	Chain Guard	1

NOTE: The last item to be connected should be the positive lead cable to the (+) battery terminal.



ELECTRIC STARTER

Ref. No.	Part No.	Description	No. Used
1	5-0270	Battery Box	1
2	3-6406	Cover-Batt. Box	1
3	3288-7	Thumb Screw	2
4	218-251	Switch	1
5	3-5975	Grommet	1
6	**	Battery - 12 Volt	1
7	3-6416	Wire (To interlock switch)	1
8	3-2440	Pin	1
9	221-241	Engine 6 H. P. Elec. Start	1
10	321-4	Capscrew Plt.	2
11	3253-3	Lockwasher Plt.	2

Ref. No.	Part No.	Description	No. Used
12	3217-5	Nut Plt.	2
13	321-2	Capscrew Plt.	1
14	3253-3	Lockwasher Plt.	1
15	3217-5	Nut Plt.	1
16	3-6414	Wire	2
17	3-6417	Wire	1
18	3-6415	Wire	2
*	3-1058	Decal	1
19	3-7644	Decal	1
20	2-1640	Washer	1
21	7-1394	Key	2

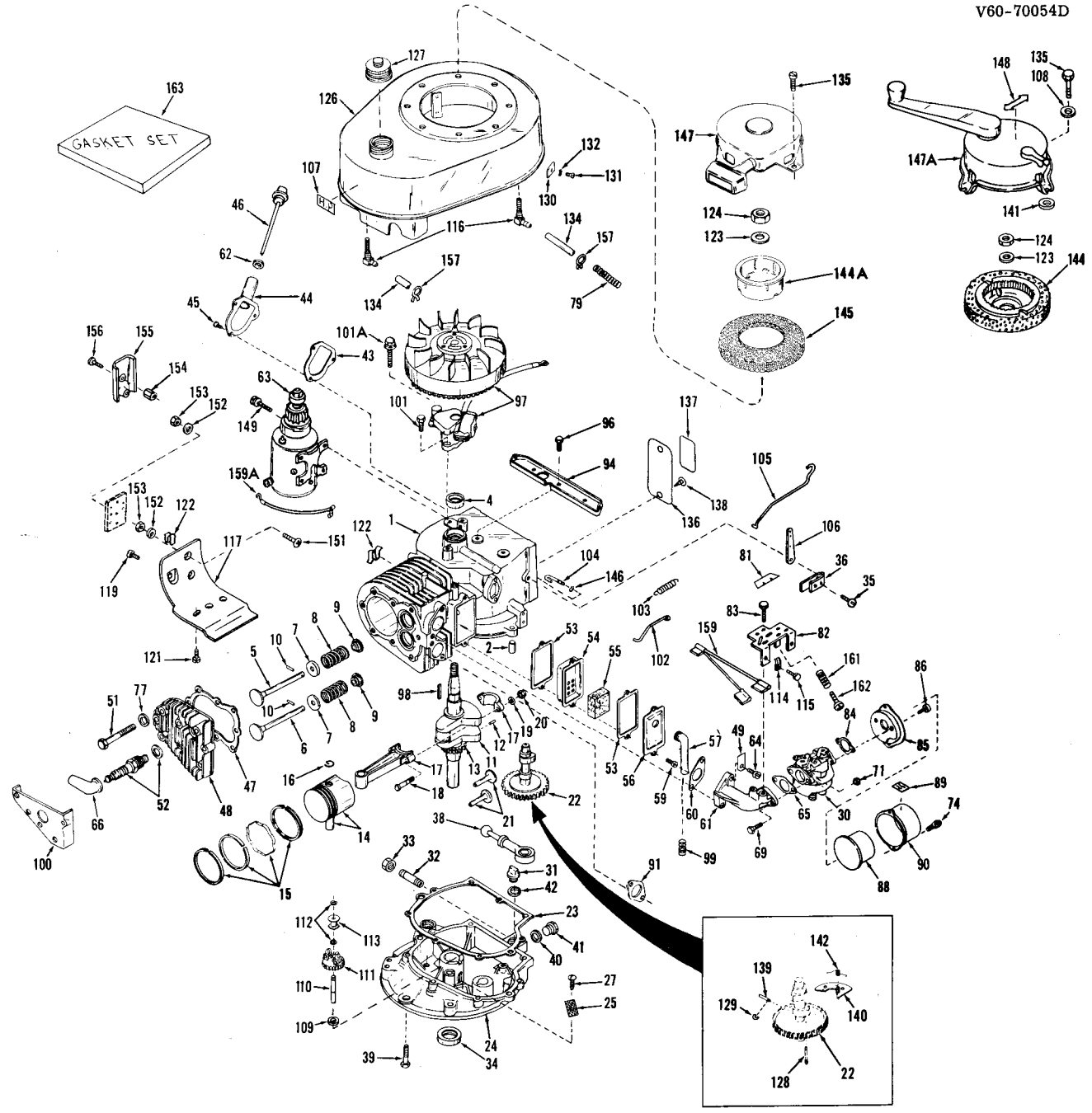
* Not Illustrated

** Wico #SP-12-50 or Equivalent

ENGINE No. V60-70053D (Impulse Start) and No. V60-70054D (Electric Start)

A-546

Models V60-70053D
V60-70054D



ENGINE PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	31536A	Cylinder Assy. (Incl. Nos. 2 & 4)	1
2	27652	Pin, Dowel	2
4	*27876B	Seal, Oil	1
5	27877	Valve, Intake (Standard)	1
5	27879	Valve, Intake (1/32" oversize) (Incl. No. 9)	1
6	27878	Valve, Exhaust (Standard)	1
6	27880	Valve, Exhaust (1/32" oversize) (Incl. No. 9)	1
7	27882	Cap, Upper valve spring	2
8	27881	Spring, Valve	2
9	27883	Cap, Lower valve spring (Standard)	2
9	30964	Cap, Lower valve spring (1/32" oversize)	2
10	20810	Pin, Valve spring retaining	2
11	30900	Crankshaft Assy. (Incl. Nos. 12 & 13)	1
12	29783	Pin, Crankshaft gear	1
13	27884	Gear, Crankshaft	1
14	30662	Piston & Pin Assy. (Standard) (Incl. 2 of No. 16)	1
14	30663	Piston & Pin Assy., (.010 oversize) (Incl. 2 of No. 16)	1
14	30664	Piston & Pin Assy., (.020 oversize) (Incl. 2 of No. 16)	1
15	28935	Ring Set, Piston (Standard)	1
15	28936	Ring Set, Piston (.010 oversize)	1
15	28937	Ring Set, Piston (.020 oversize)	1
16	27888	Ring, Piston pin retaining	2
17	30949	Rod Assy., Connecting (Incl. Nos. 18, 19 & 20)	1
18	30682	Bolt, Connecting Rod	2
19	26073	Washer, Connecting rod bolt	2
20	28264	Nut	2
21	27893	Lifter, Valve	2
22	32114	Camshaft (Includes Nos. 128, 129, 139, 140 & 142)	1
23	*30684	Gasket, Mounting flange	1
24	31552B	Flange Assy., Mounting (Incl. Nos. 25, 27, 31, 34, 41 & 110)	1
25	31355	Screen, Oil filter	1
27	29117	Screw	1
30	631101	Carburetor	1
31	27625	Plug, Oil filler	1
+32	289-11	Nipple, Pipe	1
33	30969	Cap, Pipe	1
34	*27897	Seal, Oil	1
35	650548	Screw	1
36	31335	Clamp, Governor lever	1
38	31356	Pump Assy., Oil	1
39	650488	Screw	7
40	*28833	Gasket, Drain Plug	1
41	30572	Plug, Drain	1
42	29673	Gasket, Filler Plug	1
43	28747	Gasket, Filler tube	1
44	29759	Tube, Oil filler	1
45	28749	Screw	3
46	29760	Dipstick, Oil	1
47	*28938B	Gasket, Cylinder head	1

Ref. No.	Part No.	Description	No. Used
48	30938A	Head, Cylinder	1
49	31560	Clip, Fuel Line	1
51	28261	Screw	8
52	21943	Plug, Spark (Champion J-8 or equiv.)	1
53	*27896	Gasket, Valve chamber cover	2
54	28423	Body Assy., Breather	1
55	28424	Element, Breather	1
56	28425	Cover, Valve chamber	1
57	27627	Tube, Breather	1
59	650128	Screw	2
60	*27915	Gasket, Intake pipe	1
61	31358	Pipe, Intake	1
62	*29673	Gasket, Dipstick	1
63	29965	Motor, Starter (Use with Model V60-70054D only)	1
64	650378	Screw	2
65	*26756	Gasket, Carburetor	1
66	27276	Cover, Spark plug	1
69	6201	Screw	2
71	29752	Nut	2
74	650152	Screw	2
77	26073	Washer	1
79	28819	Spring, Fuel line	1
81	31495	Decal, Speed control (Use with Model V60-70053D)	1
81	31514	Decal, Speed control (Use with Model V60-70054D)	1
82	31736	Control Assy., Speed	1
83	30200	Screw	2
84	*27272	Gasket, Air cleaner elbow	1
85	31691	Bracket, Air cleaner	1
86	28820	Screw	2
88	31700	Element, Air cleaner	1
89	31871	Decal, Air cleaner	1
90	31692	Body, Air cleaner	1
91	*27930	Gasket, Muffler	1
94	28738	Bracket, Housing (Incl. Nos. 131 & 132)	1
96	650561	Screw	2
97	610689	Magneto, Tecumseh (Use with Model V60-70053D only)	1
97	610681	Magneto, Tecumseh Alternator (Use with Model V60-70054D only)	1
98	30884	Key, Flywheel	1
99	31778	Spring, Coil	1
100	30939	Cover, Cylinder head	1
101	650489	Screw	2
101A	650516	Screw (Use with Model V60-70054D only)	1
102	31362	Link, Governor spring	1
103	31361	Spring, Governor	1
104	30669	Rod, Governor (Incl. No. 146)	1
105	31823	Link, Throttle	1
106	31357	Lever, Governor	1
107	32173	Decal, H. P.	1
108	650168	Clip, Starter retaining (Use with Model V60-70053D only)	4
109	31707	Spacer	1
110	30668	Shaft, Mechanical governor	1
111	30591	Gear Assy., Governor	1
112	29193	Ring, Retaining	2

+Toro part number

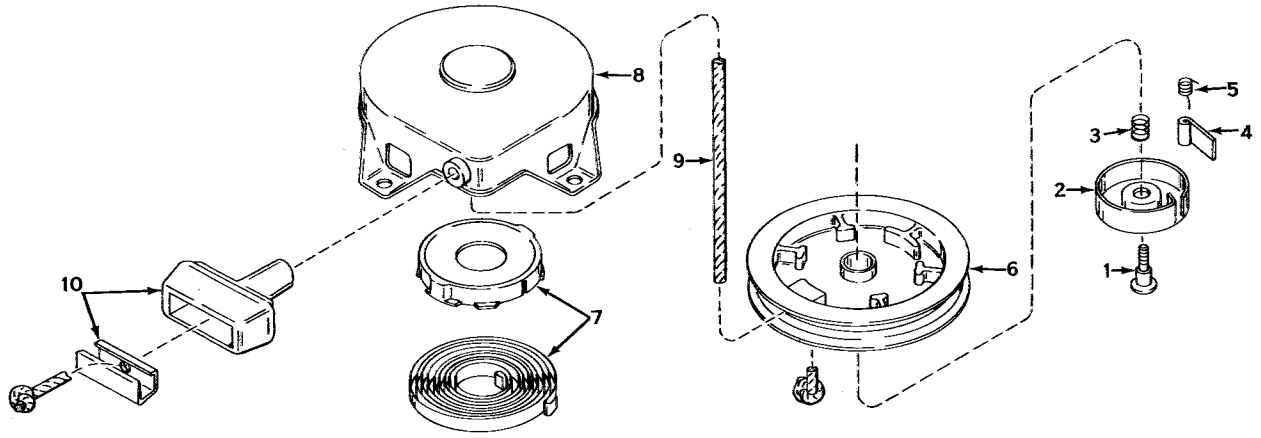
ENGINE PARTS LIST (Cont.)

Ref. No.	Part No.	Description	No. Used
113	30588A	Spool, Governor	1
114	27793	Clip, Conduit	1
115	28942	Screw	1
116	28584	Fitting, Fuel Strainer	2
117	27928	Extension, Blower Housing	1
119	650128	Screw	1
121	30688	Screw	1
122	27275	Clip, Hi-tension Wire Retain.	2
123	650490	Washer	1
124	8116	Nut	1
126	32160	Tank Assy., Fuel	1
127	410224	Cap, Fuel Filler	1
128	32122	Pin, Hinge	1
129	32121	Ring, Retaining	1
130	28511	Plate, Securing	2
131	29596	Screw	2
132	8274	Lockwasher	2
134	30705	Line, Fuel	2
135	30513	Screw (Use with Model V60-70053D only)	4
135	29716	Screw (Use with Model V60-70054D only)	4
136	31345	Plate, Identification	1
137	31865	Decal, Name & Instruction	1
138	28670	Screw, Drive	2
139	32120	Plunger, Compression Rel.	1
140	32124	Yoke, Compression Release	1
141	27656	Washer, Flat (Use with Model V60-70053D only)	4
142	32123	Spring, Yoke	1
144	29709	Hub & Screen	1
144A	32125	Cup, Starter (Use with Model V60-70054D only)	1

Ref. No.	Part No.	Description	No. Used
145	590417	Screen, Starter Cup (Use with Model V60-70054D only)	1
146	28277	Washer, Flat	1
147	590420	Starter, Rewind (Use with Model V60-70054D only)	1
147A	30051	Starter, Impulse (Use with Model V60-70053D only)	1
148	30033	Decal, Starter (Use with Model V60-70053D only)	1
149	30063	Screw (Use with Model V60-70054D only)	4
151	28726	Screw (Use with Model V60-70054D only)	2
152	28727	Lockwasher (Use with Model V60-70054D only)	5
153	28728	Nut (Use with Model V60-70054D only)	3
154	30065	Nut (Use with Model V60-70054D only)	1
155	30064	Cover, Panel (Use with Model V60-70054D only)	1
156	30066	Screw (Use with Model V60-70054D only)	1
157	26460	Clamp, Fuel Line	4
159	31489	Wire, Ground (Use with Model V60-70053D only)	1
159A	30831	Wire, Ground (Use with Model V60-70054D only)	1
161	31342	Spring, Compression	1
162	650549	Screw	1
163	31372A	Gasket Set (Incl. items marked *)	1

STARTER No. 590420

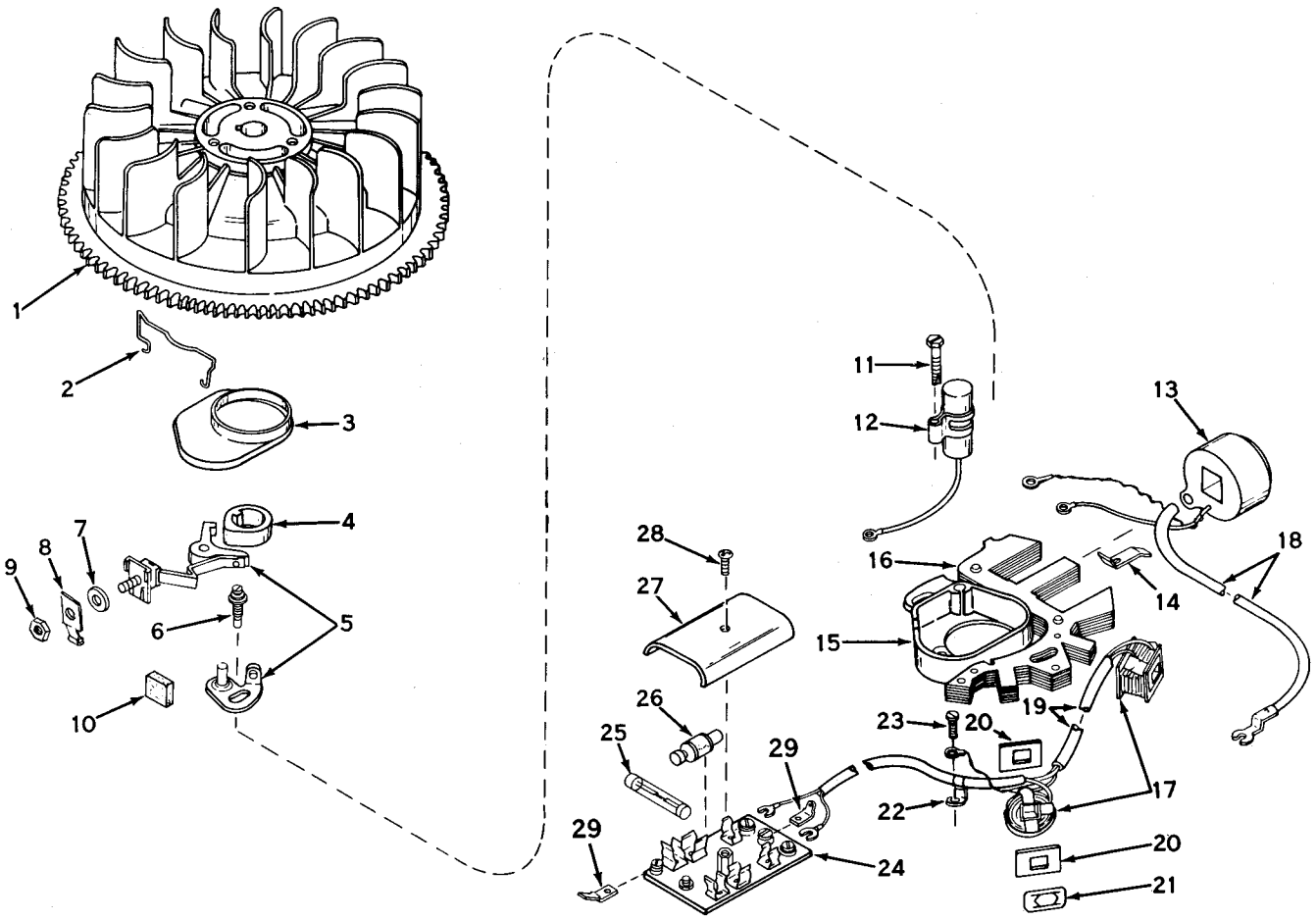
(ELECTRIC START MODEL)



Ref. No.	Part No.	Description	No. Used
1	590409	Screw, Retainer	1
2	590410	Retainer, R.H.	1
3	590411	Spring, Brake	1
4	590148	Dog, Starter	1
5	590412	Spring, R.H. Dog	1

Ref. No.	Part No.	Description	No. Used
6	590413	Pulley	1
7	590414	Spring & Keeper Assy.	1
8	590415	Housing Assy., Starter	1
9	590386	Rope, Starter	1
10	590387	Handle Assy., Starter	1

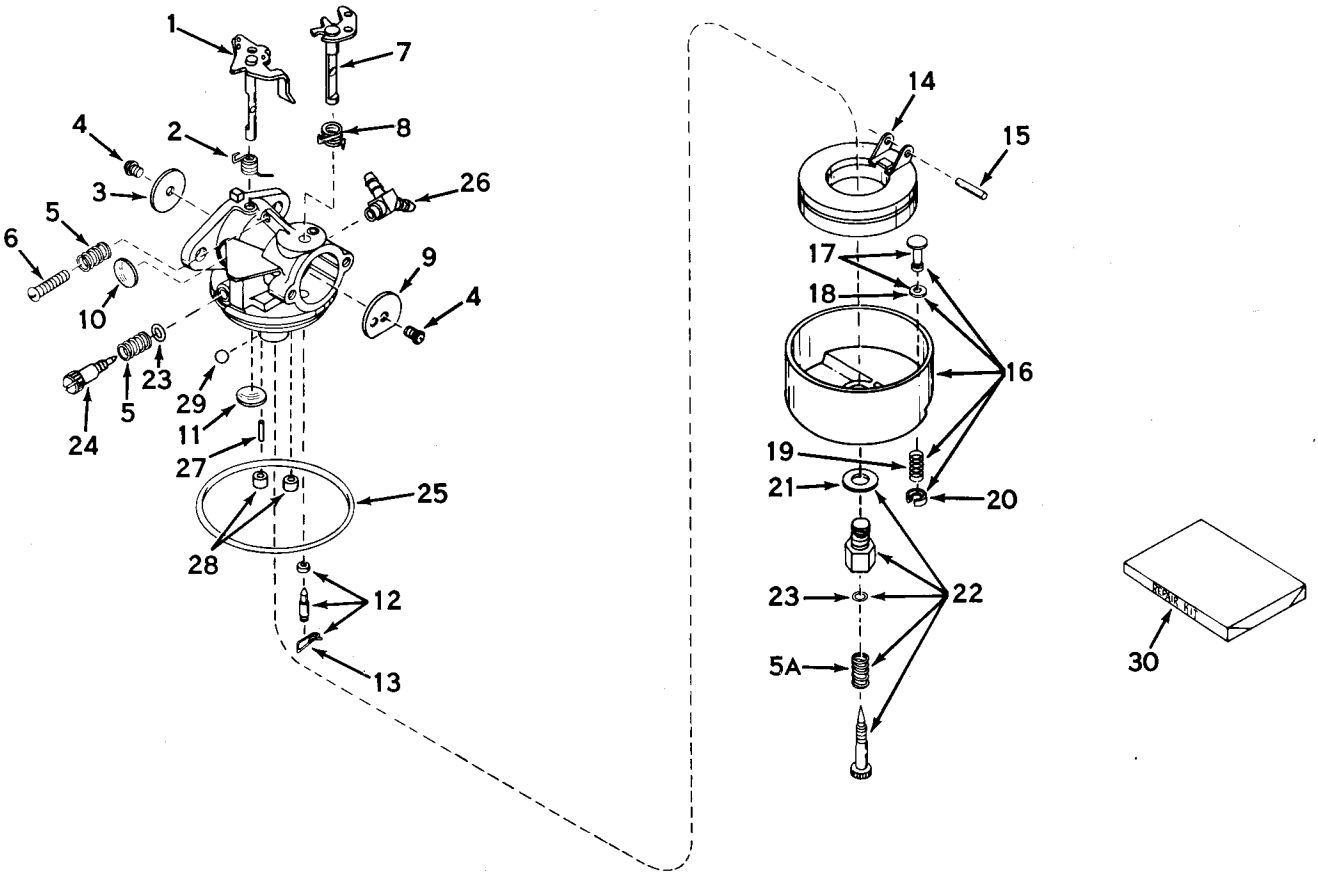
MAGNETO No. 610681 (Electric Start Model)



Ref. No.	Part No.	Description	No. Used
1	30755	Flywheel	1
2	30836	Spring, Dust cover	1
3	30550	Cover, Dust	1
4	30992	Cam, Breaker	1
5	30547	Breaker Assy.	1
6	29181	Screw & Lockwasher	1
7	610385	Washer, Terminal	1
8	30843	Tab, Terminal	1
9	610408	Nut, Terminal	1
10	30549	Felt, Cam wiper	1
11	610593	Screw, Cond. fastening	1
12	30548	Condenser	1
13	30560	Coil	1
14	29629	Spring, Coil wedge	1
15	30833	Stator Plate Assy. (Incl. Nos. 2, 3, & 5 thru 28)	1

Ref. No.	Part No.	Description	No. Used
16	30834	Core & Plate	1
17	30835	Generator Coils & Leads	1
18	30554	Wire, Lead	1
19	30840	Sleeve, Insulation	1
20	30838	Shield, Coil	2
21	30839	Clip, Coil fastening	2
22	30837	Clip, Ground	1
23	610288	Screw, Ground	1
24	30841	Plate, Rectifier (Does not incl. 25 & 26)	1
25	29561	Fuse	1
26	30842	Rectifier	2
27	30064	Cover, Panel	1
28	30066	Screw	1
29	30843	Tab, Terminal (Not Included with Magneto)	2

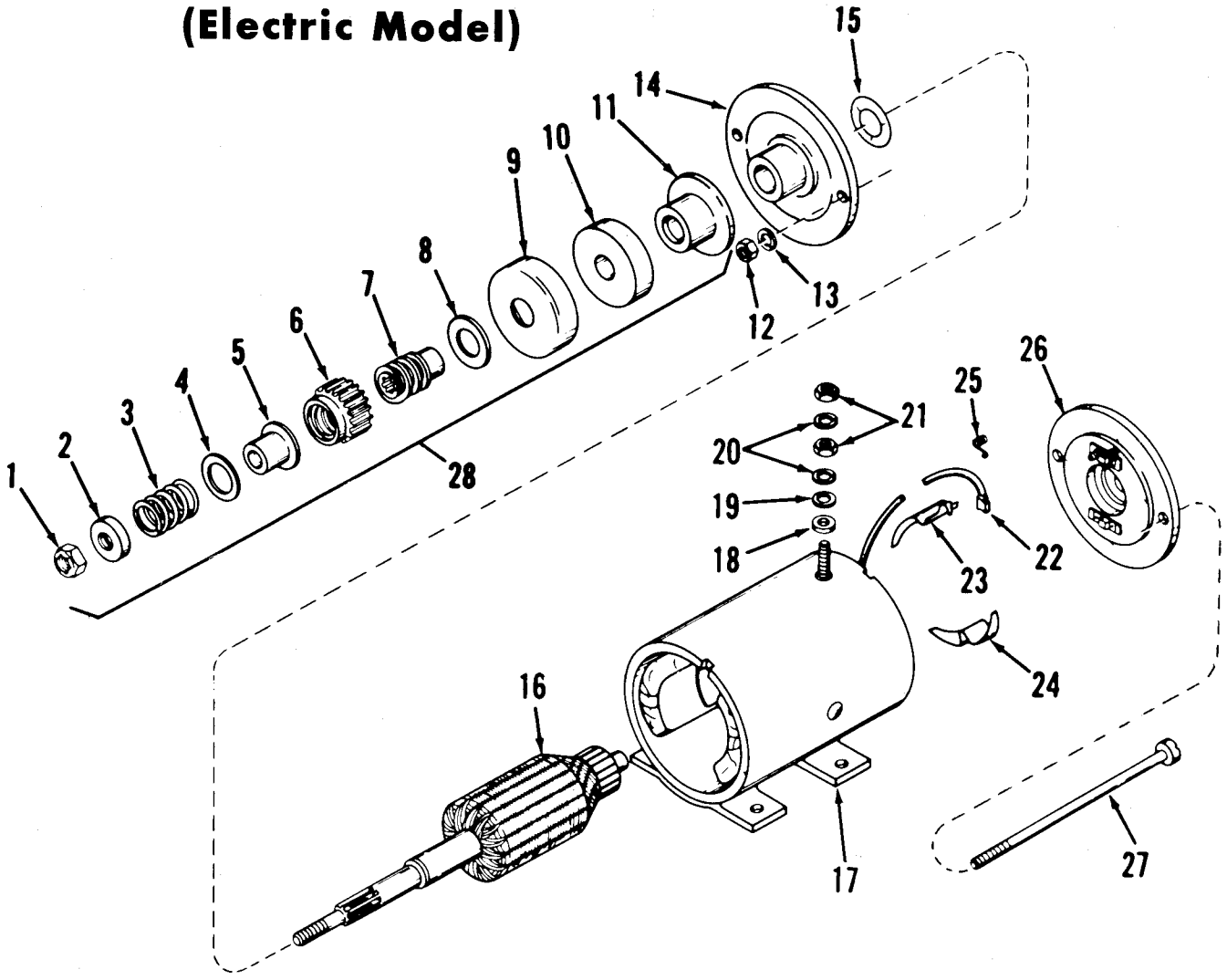
CARBURETOR No. 631101



Ref. No.	Part No.	Description	No. Used
1	31834	Shaft & Lever Assy., Throttle	1
2	630731	Spring, Throttle return	1
3	631036	Shutter, Throttle	1
4	650506	Screw, Rd. hd., 4-40 x 3/16	2
5	630766	Spring, Idle regulating screw	2
5A	630738	Spring, Main adjustment screw	1
6	650417	Screw, Idle regulating	1
7	630973	Shaft & Lever assy., Choke	1
8	630821	Spring, Choke return	1
9	631037	Shutter, Choke	1
10	630748	Plug, Welch	1
11	631027	Plug, Welch	1
12	*631021	Inlet Needle, Seat & Clip Assy. (Incl. No. 13)	1
13	631022	Clip, Inlet Needle	1
14	631023	Float, Carburetor	1

Ref. No.	Part No.	Description	No. Used
15	*631024	Shaft, Float	1
16	631025	Bowl & Drain Assy., Float (Incl. Nos. 17 thru 20)	1
17	27136	Plunger Assy., Drain (Incl. No. 18)	1
18	27554	Gasket, Drain plunger	1
19	27137	Spring, Drain plunger	1
20	27138	Retainer, Plunger spring	1
21	*27110	Gasket, Bowl-to-body	1
22	*631026	Adjustment Screw Assy., Main (Incl. Nos. 5A, 21 & 23)	1
23	630740	"O" Ring, Adjustment screw	2
24	*631078	Screw, Idle adjustment	1
25	*631028	"O" Ring, Bowl-to-body	1
26	31835	Fitting, Fuel inlet	1
27	631039	Pin	1
28	630747	Plug, Cup	2
29	631081	Ball, Aluminum	1
30	631029	Repair Kit (Incl. items marked *)	1

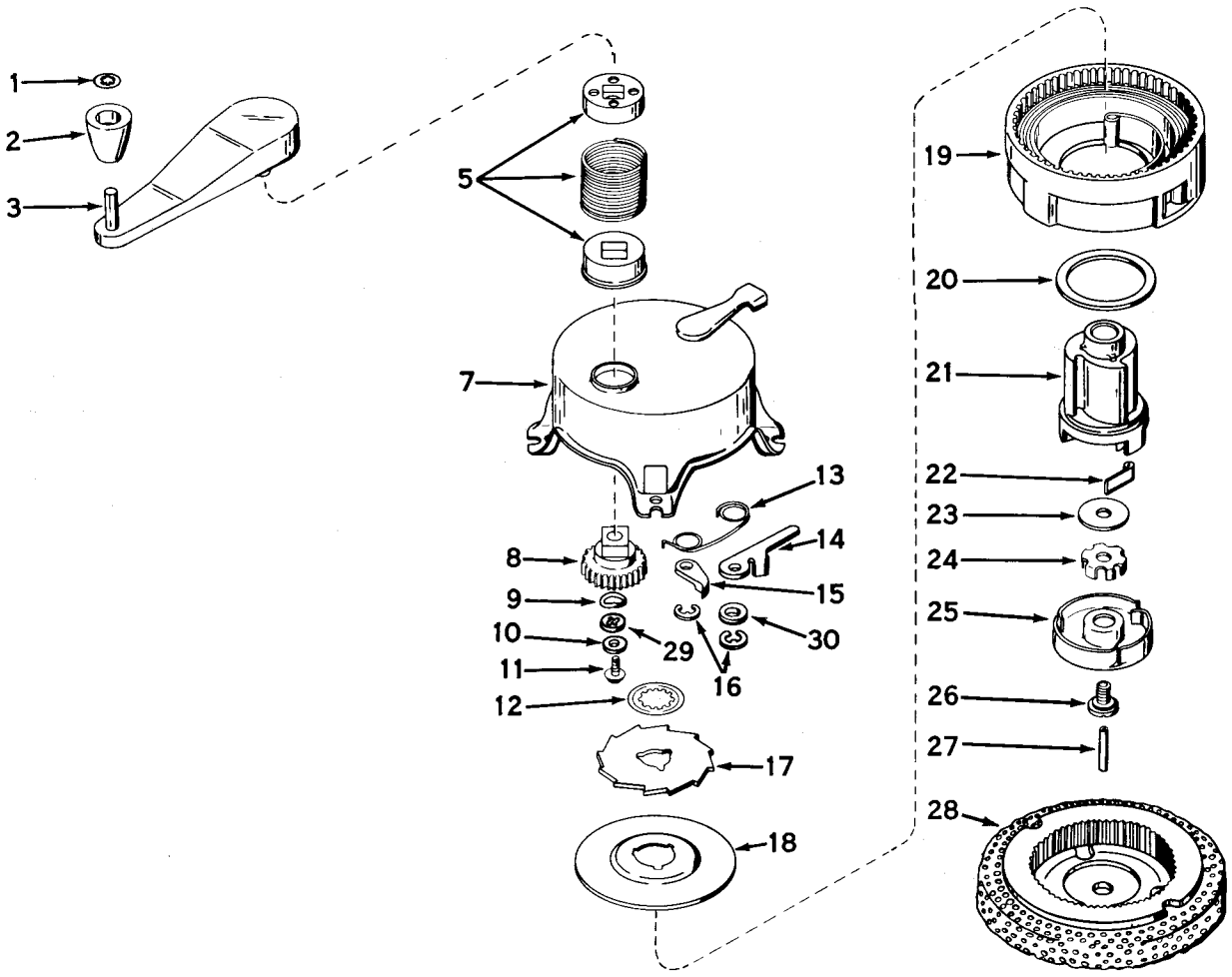
STARTER MOTOR No. 29965
(Electric Model)



Ref. No.	Part No.	Description	No. Used
1	30004	Nut, Elastic stop	1
2	28692	Stop, Pinion	1
3	28693	Spring, Anti-drift	1
4	28694	Washer, Pinion	1
5	28695	Sleeve, Anti-drift	1
6	30005	Gear, Pinion	1
7	30006	Shaft, Screw	1
8	30007	Washer, Thrust	1
9	30008	Cup, Cushion	1
10	30009	Cushion, Rubber	1
11	30010	Washer, Thrust	1
12	30011	Nut, Securing	2
13	30012	Washer, Lock	2
14	30013	Cap Assy., Drive end (Incl. bearing)	1
15	30014	Washer, Spacing (.010 thick) (Use as Required)	1
15	30015	Washer, Spacing (.020 thick) (Use as Required)	1

Ref. No.	Part No.	Description	No. Used
16	30016	Armature	1
17	30017	Housing Assy. (Incl. pole shoes, field coils, terminal post, straight mtg. brkt., Nos. 18-21, 23, 24 & 1 of 22)	1
18	28707	Washer, Insulating	1
19	28708	Washer, Plain	1
20	28709	Washer, Lock	2
21	28710	Nut, Hex	2
22	30018	Brush	2
23	30019	Insulation	2
24	30020	Insulation	2
25	30021	Spring, Brush	2
26	30022	End Cap Assy., Commutator (Incl. Nos. 25 & 1 of No. 22)	1
27	30023	Bolt, Thru	2
28	30003	Drive Assy., Complete (Incl. Nos. 1 thru 11)	1

IMPULSE STARTER No. 30051



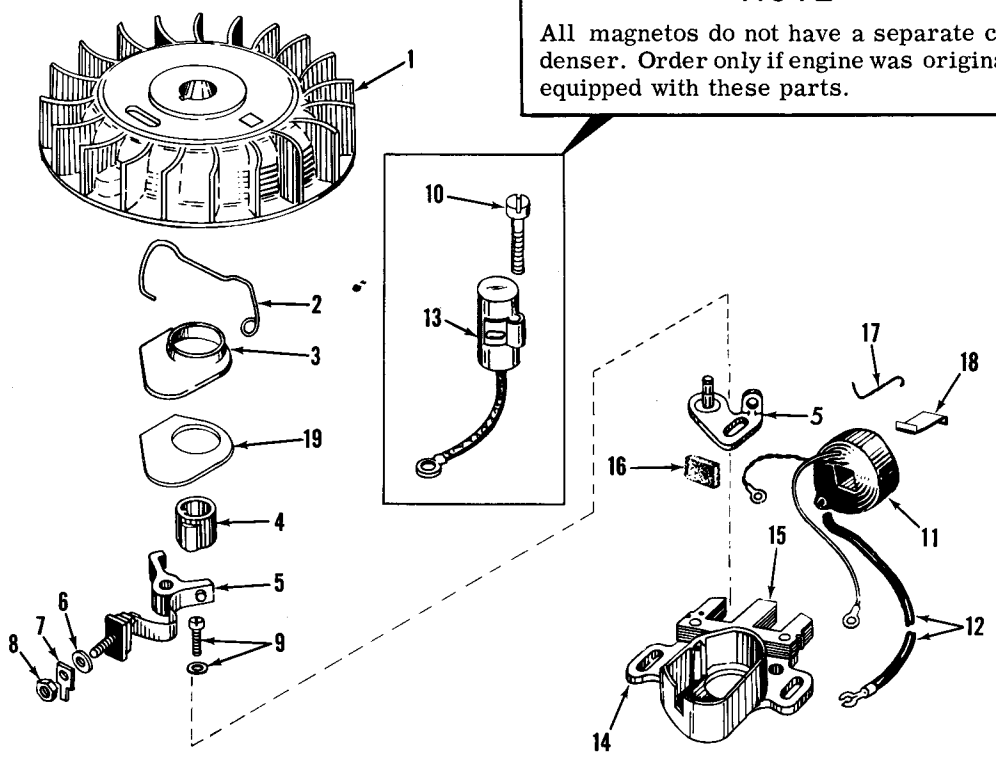
Ref. No.	Part No.	Description	No. Used
1	29227	Fastener, Handle	1
2	29228	Knob, Starter handle	1
3	29738	Handle Assy.	1
5	30525	Clutch Assy.	1
7	29737	Housing Assy.	1
8	29724	Gear, Wind	1
9	29727	Washer, Wave	2
10	28780	Washer, Clutch	1
11	29728	Screw	1
12	29723	Ring, Retaining	1
13	29731	Spring, Release dog	1
14	29732	Dog, Release	1
15	29729	Dog, Lock	1
16	28776	Retainer, Dog pivot	2
17	29722	Gear Release	1

Ref. No.	Part No.	Description	No. Used
18	29721	Cover, Spring	1
19	29754	Spring and Keeper Assy.	1
20	29720	Washer, Hub	1
21	29719	Hub, Starter	1
22	590148	Dog, Starter	3
23	29734	Washer, Brake	1
24	29717	Brake	1
25	29735	Retainer	1
26	29733	Screw, Brake (Left Hand Thread)	1
27	29755	Pin, Centering	1
28	29709	Hub & Screen Assy.	1
29	29803	Washer	1
30	29804	Washer, Spacer (Use as Required)	1

MAGNETO No. 610689

NOTE:

All magnetos do not have a separate condenser. Order only if engine was originally equipped with these parts.

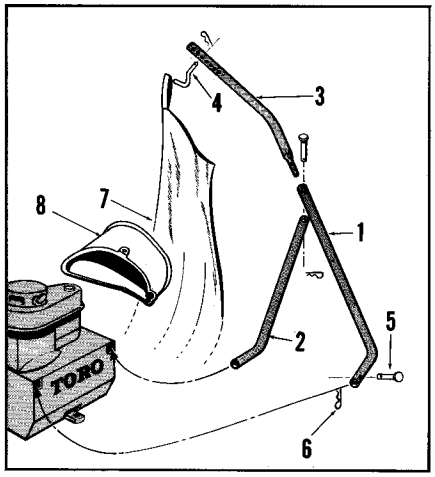


Ref. No.	Part No.	Description	No. Used
1	30555	Flywheel	1
2	30551	Spring, Breaker box	1
3	30550	Cover, Breaker box dust	1
4	30992	Cam, Breaker	1
5	30547	Breaker Assy.	1
6	610385	Washer, Terminal	1
7	30843	Tab, Ground terminal	1
8	610408	Nut, Terminal	1
9	29181	Screw & Washer, Breaker	1
10	610593	Screw, Cond. fastening	1
11	*30560	Coil Assy., (Incl. Ref. No. 12 & 18 & any other parts required for correct replacement)	1

Ref. No.	Part No.	Description	No. Used
12	30554	Wire, Lead	1
13	30548A	Condenser	1
14	30545	Core & Plate	1
15	30561	Stator Assy., (Incl. Nos. 5 thru 14, 16, 17 & 18)	1
16	30549	Felt, Cam wiper	1
17	31311	Clip, Coil locking	1
18	29629	Spring, Coil wedge	1
19	30883	Gasket, Dust cover	1
		*Some replacement coils do not require condenser. Specific instr. included with replacement coil.	

GRASS BAG KIT 2-9339

(25" ROTARY ONLY - OPTIONAL EQUIPMENT)



Ref. No.	Part No.	Description	No. Used
1	3-5627	Arm Tube, Long	1
2	3-5626	Arm Support	1
3	3-5628	Arm Shaft	1
4	3-2427	Bag Hook	1
5	3-2440	Retaining Pin	2
6	3290-255	Hairpin Cotter	3
7	4-4879	Bag, Giant	1
8	3-6220	Bag Attachment	1

MAINTENANCE RECORD

Warranty

The Manufacturer warrants each new piece of equipment sold to be free of defects in material and workmanship. For one year from the purchase date of consumer line equipment or 45 days if sold for commercial use, Toro Manufacturing Corporation will repair or replace for the original purchaser, free of charge, through any Authorized Service Dealer, any part or parts found at our factory in Minneapolis, Minnesota, to be defective under normal use and service. All institutional equipment is warranted for ninety (90) days from the purchase date.

This Warranty does not obligate the Manufacturer to bear the cost of transportation charges in connection with the replacement or repair of defective parts -- nor shall it apply to a machine upon which repairs or alterations have been made, unless authorized by the manufacturer.

This Warranty does not include nor cover standard accessories produced by other manufacturers. Such accessories have separate warranties by their respective manufacturers . . . and repair or exchange will be made on the basis of such warranties, and the policies authorized by them shall be adhered to.

This Warranty is in lieu of all other warranties expressed or implied.

FORM NO. 3310-39

LITHO IN U.S.A.