TORO

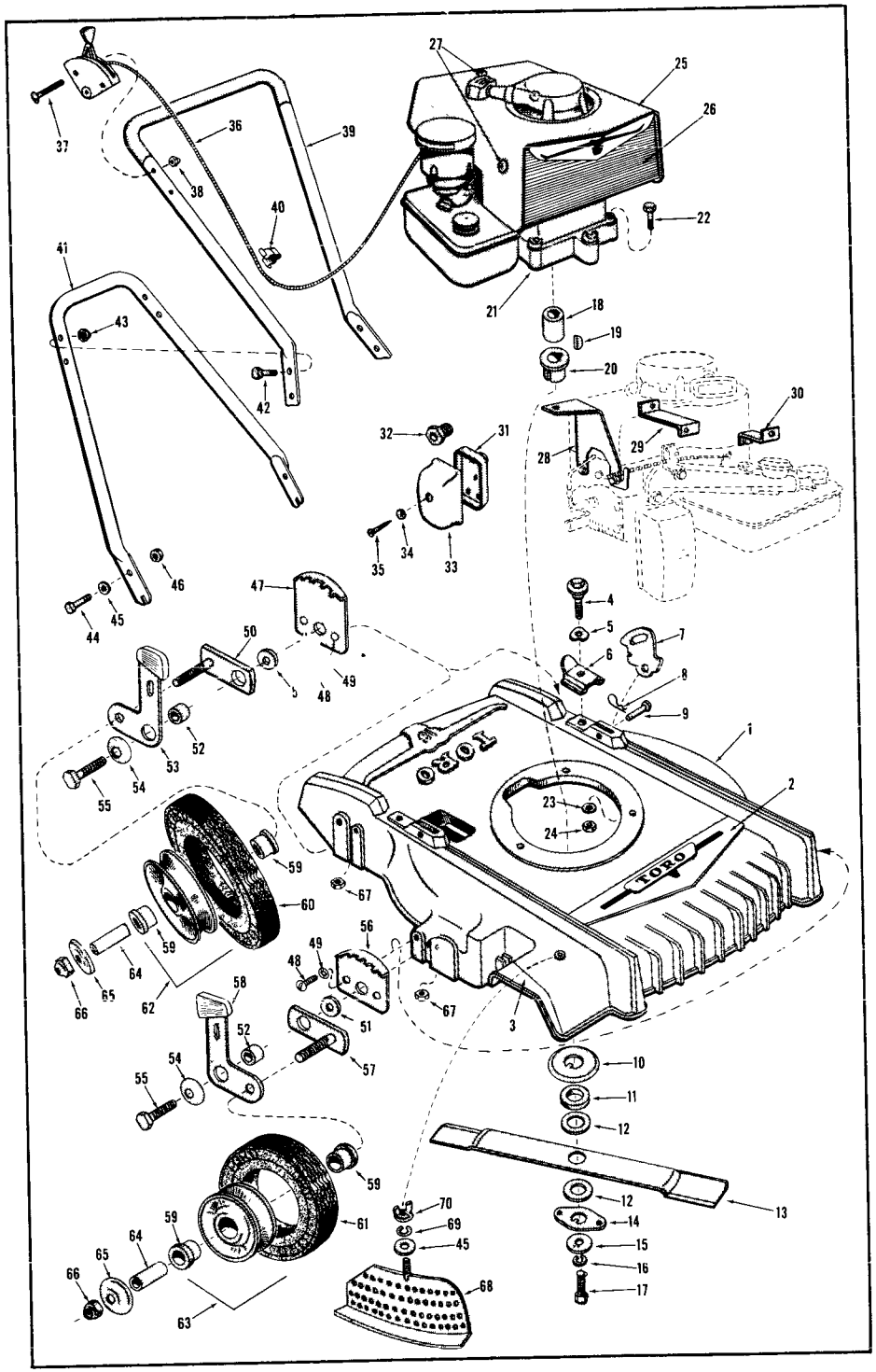
REFERENCE DRAWING AND PARTS LIST



TORO—18" WHIRLWIND

SERIAL NO. 21118—5000 AND UP

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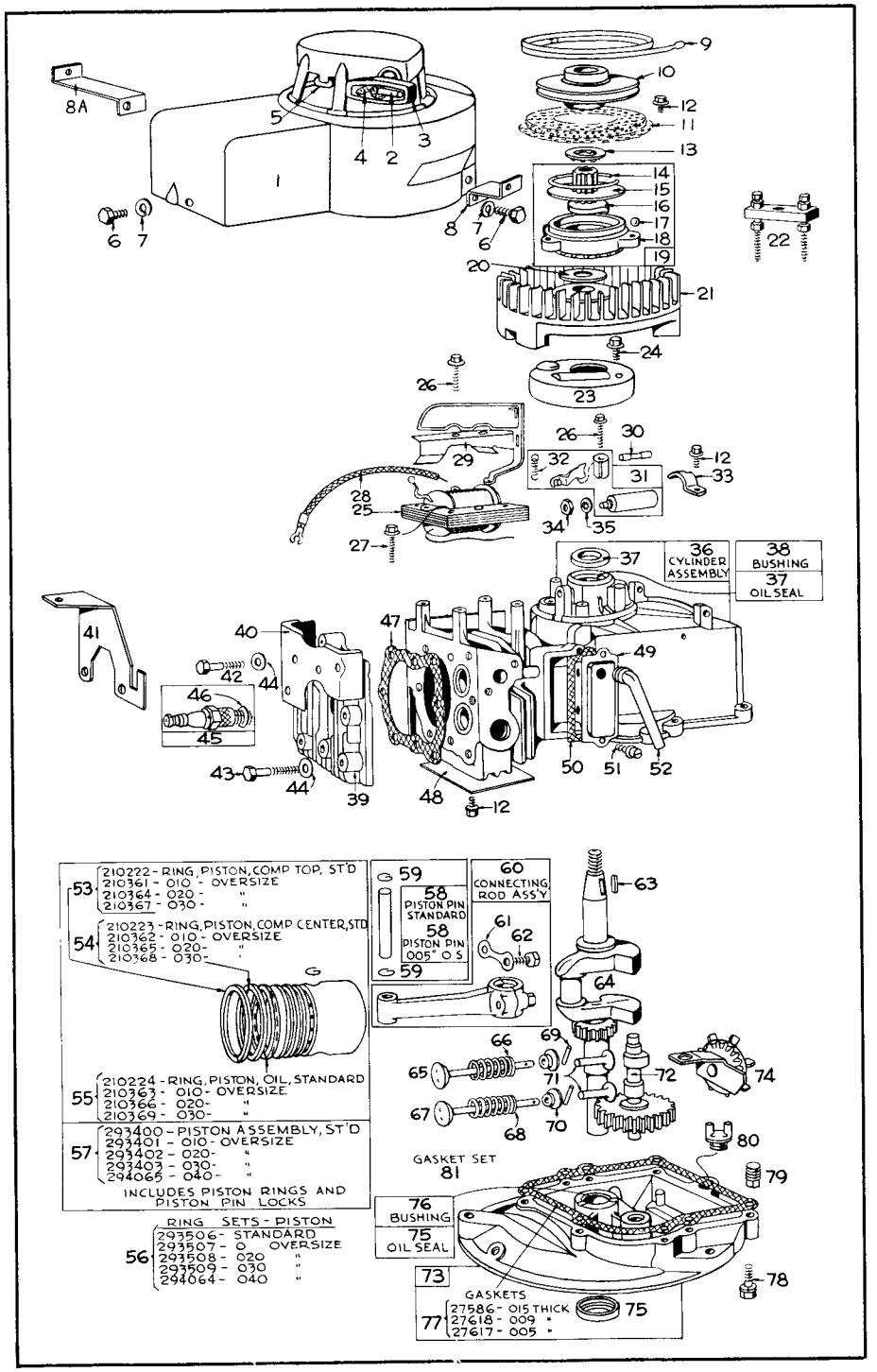


MOWER PARTS LIST

Ref. No.	Part No.	Description	No Used
1	4-8010	Main Frame	1
2	4-4500	Frame Decal	1
3	4-4300	Chute Decal	1
4	2-6850	Special Screw	2
5	3290-213	Spring Washer	2
6	WA-104	Lever, Handle Stop	2
7	WA-103A	Quadrant, Handle	2
8	3290-255	Hairpin Cotter	2
9	2-1380	Pin	2
10	WB-247	Cup	1
11	WA-13A	Pressure Pad	1
12	WA-12	Friction Disc	2
13	2-1020	Cutter Bar	1
14	WA-11	Hub Washer	1
15	WA-15A	Washer	1
16	3253-6	Lockwasher, 7/16" Reg.	1
17	WB-238	Special Screw	1
18	WB-116A	Crankshaft Guard	1
19	3257-3	Key	1
20	2-1010	Blade Hub	1
21	221-106	Engine	1
22	3210-8	Screw, 5/16" N. F. X $1\frac{1}{2}$"	3
23	3256-23	Washer, 5/16" SAE	3
24	3296-30	Nut, 5/16" Nylok	3
25	4-4371	Shroud	1
26	4-4530	Engine Chrome Cal	1
27	32140-7	Screw	3
28	4-4420	Engine Bracket, rear	1
29	4-4410	Bracket, Engine	1
30	4-4440	Bracket, Engine	1
31	2-5790	Muffler, Engine side	1
32	2-1410	Nipple, Muffler	1
33	2-1250	Muffler, Free side	1
34	3255-14	Lockwasher, $\frac{1}{4}$" External Ctsnk.	1
35	3293-10	Woodscrew, #10 Oval H. D. X $2\frac{1}{2}$"	1
36	4-9000	Throttle Control Assembly	1
37	3251-7	Screw, 10-24 X $1\frac{1}{2}$"	2
38	3296-2	Nut, 10-24 N. F. Stop	2
39	1-5579	Upper Handle Assy.	1
40	WA-85	Clip	1
41	WA-106	Lower Handle	1

Ref. No.	Part No	Description	No. Used
42	329-7	Screw, $\frac{1}{4}$" N. F. X $1\frac{1}{4}$"	4
43	3296-3	Nut, $\frac{1}{4}$" N. F. Stop	4
44	3210-3	Screw, 5/16" N. F. X $\frac{3}{4}$"	2
45	3256-2	Washer, $\frac{1}{4}$" Cut	3
46	3296-4	Nut, 5/16" N. F. Stop	2
47	4-9110	Wheel Bracket, Rear	2
48	32104-29	Screw, #10 X $\frac{1}{2}$ Self Tap	4
49	3254-1	Lockwasher, #10 Internal	4
50	4-9150	Wheel Crank Assy., Rear	2
51	4-9060	Washer	4
52	4-9040	Spacer	4
53	1-5889	Spring Arm Assembly Rear Right	1
*	1-5939	Spring Arm Assembly Rear Left	1
54	4-9050	Dome Washer	4
55	3210-7	Screw, 5/16" N. F. X $1\frac{1}{4}$"	4
56	4-9100	Wheel Bracket, Front	2
57	4-9160	Wheel Crank Assy., Front	2
58	1-5899	Spring Arm Assy., Front, Right	1
*	1-5929	Spring Arm Assy., Front, Left	1
59	4-4550	Bushing	8
60	4-2600	Tire, Rear 8"	2
61	4-2610	Tire, Front 6"	2
62	4-2670	Wheel, Rear w/Bushings, 8"	2
63	2-1030	Wheel, Front w/Bushings, 6"	2
64	2-1120	Wheel Spindle	4
65	2-6710	Hub Cap	4
66	3296-10	Nut, 7/16" 20-Stop	4
67	3296-30	Nut, 5/16" 24-Stop	4
68	2-1180	Leaf Mulcher	1
69	3253-4	Lockwasher, 5/16" Reg.	1
70	32103-2	Wing Nut	1

* Not Illustrated



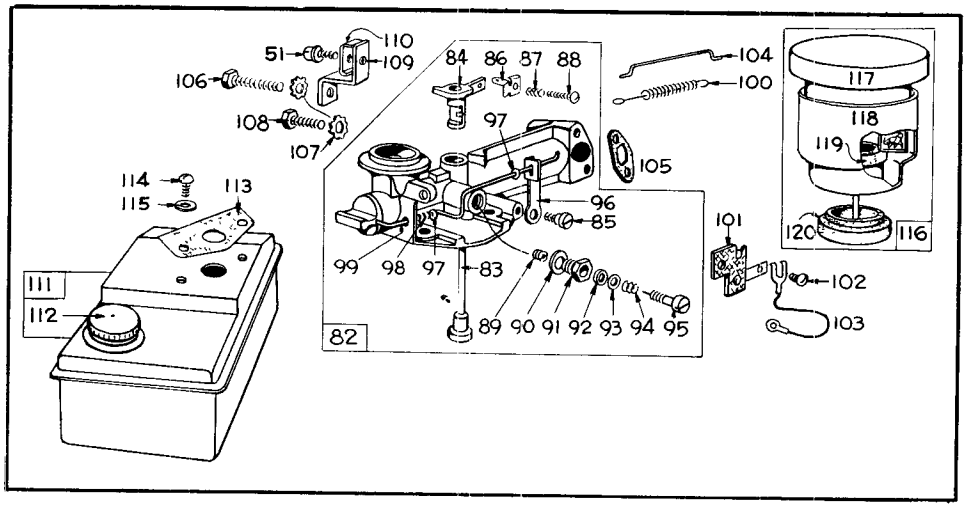
ENGINE PARTS LIST

Ref No.	Part No	Description	No Used
1	294260	Housing - Blower (5" dia. intake hole)	1
2	230228	Pin - Starter Grip	1
3	66728	Grip - Starter Rope	1
4	66384	Rope - Starter	1
5	66528	Bumper - Starter Pulley	2
6	92980	Screw - Blower Housing Mounting	3
7	90832	Washer - Lock - 1/4 x 3/32 x 5/64"	3
8	4-4440	Bracket	1
8A	4-4410	Bracket	1
9	294303	Spring - Starter	1
10	294088	Pulley - Rewind Starter	1
11	220648	Screen - Rewind Starter	1
12	93042	Screw	6
13	66738	Washer - Ratchet Sealing	1
14	26032	Spring - Clutch Retainer	1
15	220575	Washer - Clutch Retainer	1
16	260262	Ratchet - Rewind Starter	1
17	63770	Ball - Clutch	4
18	210400	Housing - Starter Clutch	1
19	294264	Clutch Assy. - Rewind Starter	1
20	220865	Washer - Spring (Used to lock starter clutch)	1
21	293205	Flywheel - Magneto	1
22	19069	Puller - Flywheel (Optional Access.)	1
23	220366	Cover - Breaker Point & Condenser	1
24	93014	Screw - Dust Cover Mounting Sem	2
25	291617	Armature - Magneto	1
26	93117	Screw - Contact Finger Post & Coil Lead Mtg. Sem	2
27	92984	Screw - Armature Mounting Sem	3
28	292149	Cable - Ignition	1
29	294617	Blade - Governor	1
30	65704	Plunger - Breaker Point	1
31	294628	Breaker Points & Condenser Set	1
32	26018	Spring - Breaker Arm	1

Ref. No.	Part No.	Description	No. Used
33	220477	Clamp - Condenser	1
34	92987	Nut - Condenser Terminal	1
35	92813	Washer - Lock - Shakeproof	2
36	293511	Cylinder	1
37	89660	Seal - Oil	1
38	293708	Bushing - Cylinder (Require Special Tools for Instal.)	1
39	210209	Head - Cylinder	1
40	220581	Cover - Cyl. Head	1
41	4-4420	Bracket	1
42	91386	Screw - Cylinder Hd. (2" Long)	5
43	92674	Screw - Cylinder Hd. (2-3/8" Long)	3
44	22963	Washer - Cyl. Hd.	8
45	29693	Plug - Spark - With Gasket	1
46	29806	Gasket - Spark Plug	1
47	27548	Gasket - Cyl. Hd.	1
48	220478	Shield - Cylinder	1
49	292833	Breather - Valve Chamber	1
50	27549	Gasket - Valve Cover	1
51	92870	Screw - Sem	3
52	66638	Tube - Breather	1
53	210222	Ring - Piston, Compression, Top - Standard	1
*	210361	Ring - Piston, Compression, Top - .010" O.S.	1
*	210364	Ring - Piston, Compression, Top - .020" O.S.	1
*	210367	Ring - Piston, Compression, Top - .030" O.S.	1
54	210223	Ring - Piston, Compression, Center - Standard	1
*	210362	Ring - Piston, Compression, Center - .010" O.S.	1
*	210365	Ring - Piston, Compression, Center - .020" O.S.	1
*	210368	Ring - Piston, Compression, Center - .030" O.S.	1
55	210224	Ring - Piston, Oil - Standard	1

ENGINE PARTS LIST

Ref. No.	Part No.	Description	No. Used
*	210363	Ring - Piston, Oil - .010" O.S.	1
*	210366	Ring - Piston, Oil - .020" O.S.	1
*	210369	Ring - Piston, Oil - .030" O.S.	1
56	293506	Ring Set - Std. Piston	1
*	293507	Ring Set - .010" O.S. Piston	1
*	293508	Ring Set - .020" O.S. Piston	1
*	293509	Ring Set - .030" O.S. Piston	1
57	293400	Piston Assy. - Standard	1
*	293401	Piston Assy. - .010" O.S.	1
*	293402	Piston Assy. - .020" O.S.	1
*	293403	Piston Assy. - .030" O.S.	1
58	291925	Pin Assy. - Piston - Std.	1
*	291926	Pin Assy. - Piston - .005"O.S.	1
59	26026	Lock - Piston Pin	2
60	293505	Rod Assembly - Connecting	1
61	220460	Lock - Connecting Rod Screw	1
62	92296	Screw - Connecting Rod	2
63	61760	Key - Flywheel	1
64	260232	Crankshaft	1
65	23386	Valve - Intake	1
66	26021	Spring - Intake Valve	1
67	26973	Valve - Exhaust	1
68	26478	Spring - Exhaust Valve	1
69	23187	Pin - Valve Spring Retainer	2
70	23184	Retainer - Valve Spring	2
71	230173	Tappet - Valve	2
72	210453	Gear - Cam	1
73	295041	Sump - Oil	1
74	294652	Oil Slinger Gear And Bracket	1
75	291841	Seal - Oil	1
76	293709	Bushing - Oil Sump (Require Special Tools for Instal.)	1
77	27586	Gasket - Crankcase - .015" Thick (Std.)	1
*	27617	Gasket - Crankcase - .005" Thick	1
*	27618	Gasket - Crankcase - .009" Thick	1
78	93032	Screw - Sump Mounting Sem	6
79	91084	Plug - Oil Drain	1
80	66768	Plug - Oil Filler	1
81	293525	Gasket Set	1
82	295027	Carburetor Assy.	1
83	293700	Pipe - Fuel	1
84	210571	Throttle - Carb.	1
85	230030	Screw - Carb. Lever and Stop Switch	1
86	220105	Connector - Governor Link	1
87	26657	Spring - Throttle Adjustment	1
88	92696	Screw - Mach., Rd. Hd. - 5-40 x 3/4"	1
89	23432	Seat - Needle Valve	1
90	65787	Gasket - Needle Valve Nut	1
91	23431	Nut - Needle Valve	1
92	65978	Packing - Needle Valve	1
93	22235	Washer - Needle Valve	1
94	26336	Spring - Needle Valve	1
95	23433	Valve - Needle	1
96	220952	Lever - Speed Adj.	1
97	220968	Washer	3
98	260189	Spring - Choke-A-Matic	1
99	260188	Link - Choke	1
100	260202	Spring - Governor	1
101	295022	Plate Assembly - Insulator	1
102	93167	Screw - Sem	1
103	295023	Wire - Ground	1
104	260024	Link - Governor	1
105	27355	Gasket - Intake Elbow Mounting	1
106	91389	Screw - Cap, Hex. Hd. - 1/4-20 x 1-5/8"	1
107	93028	Washer - Lock - Shakeproof	2
108	90700	Screw - Cap, Hex. Hd. - 1/4-20 x 3/4"	1
109	220965	Bracket - Control Casing	1
110	22372	Clamp, Casing	1
111	293630	Tank Assy. - Fuel	1
112	293270	Cap - Fuel Tank	1
113	27404	Gasket - Fuel Tank Mounting	1
114	93124	Screw - Fuel Tank Mounting	2
115	92290	Washer - Lock No. 10 x 1/16 x 3/64"	2
116	294870	Cleaner Assy. - Air (With Stud)	1
117	294861	Cover and Filter - Air Cleaner	1
118	293991	Body Assy. - Air Cleaner	1
119	27795	Gasket - Air Cleaner	1
120	27660	Gasket - Air Cleaner Mounting	1



LITHO IN U.S.A.

FORM NO. 6548