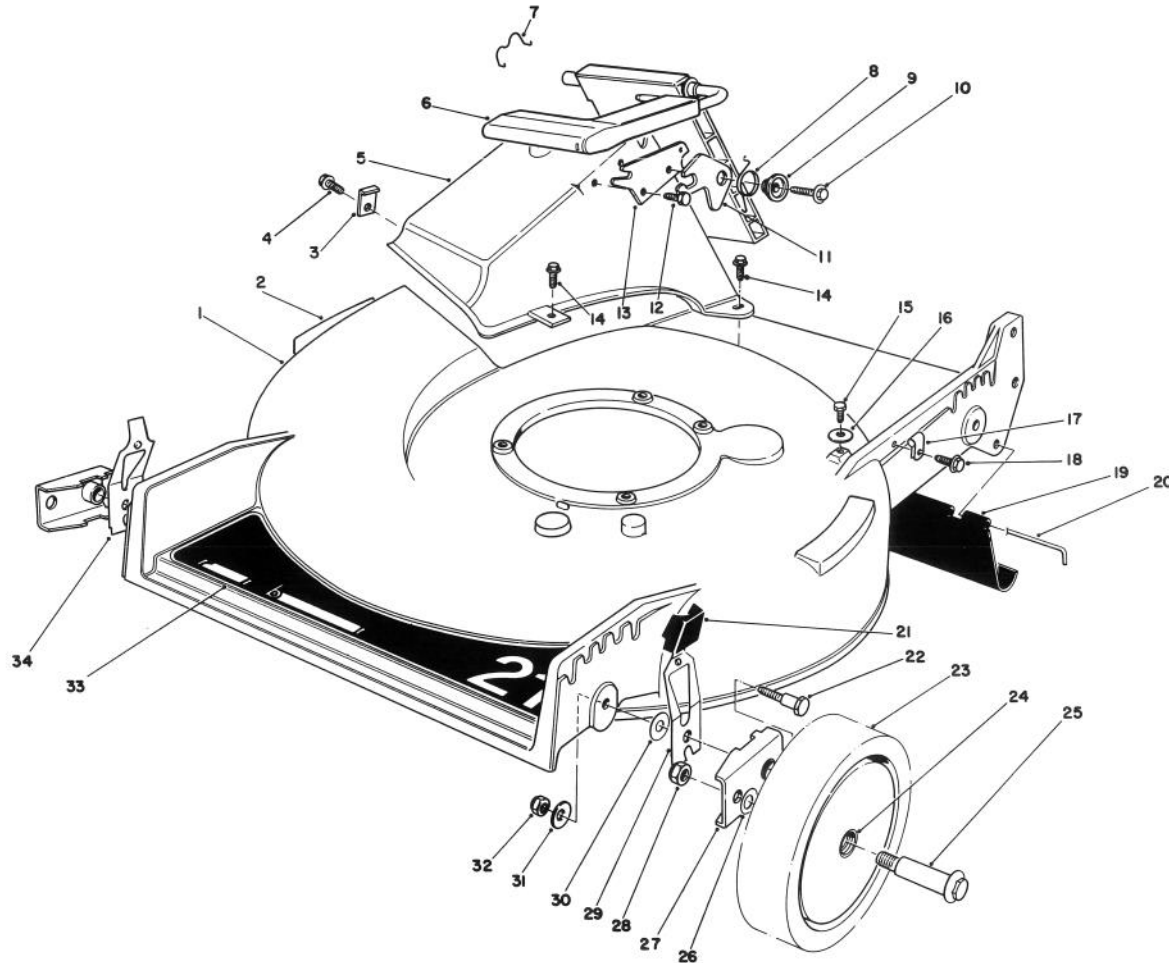


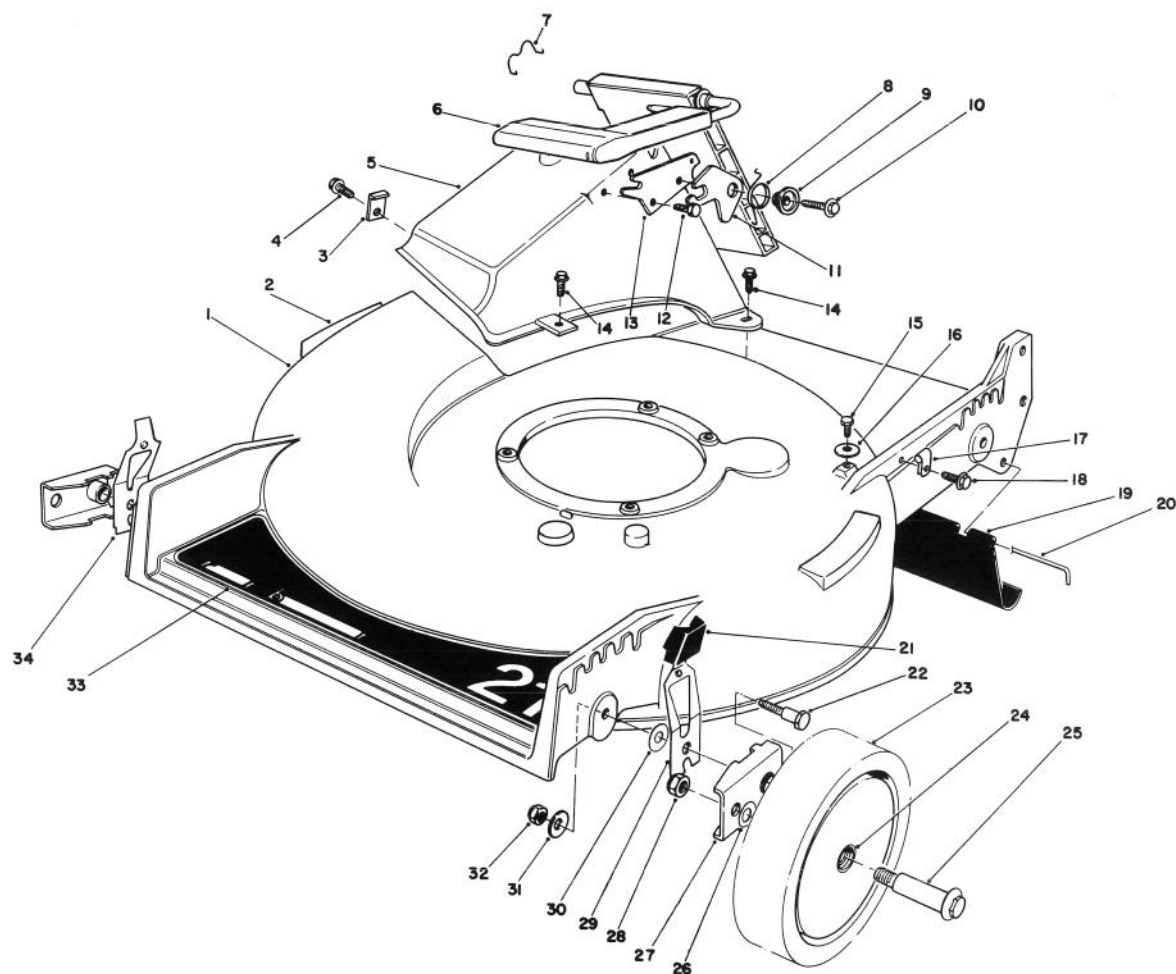
TORO®

MODEL NO. 20588-7000001 & Up

**PARTS
CATALOG****21" H.P. REAR BAGGER****HOUSING ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	11-4069	Housing (Incl. Ref. #2)	1
2	39-5770	Decal — Danger	1
3	47-6540	Clip — Tunnel	1
4	12-3270	Screw — Thread Forming Hex Washer Hd.	1
5	46-3500	Tunnel — Discharge	1
6	51-0200	Discharge Door Assembly	1
7	47-5840	Retainer — Door	1
8	33-4860	Spring — Torsion	1
9	43-4840	Spacer — Latch	1
10	46-8091	Screw — Self Tapping Hex Washer Hd.	1
11	42-4010	Latch — Safety	1
12	46-8090	Screw — Self Tapping Hex Washer Hd.	1
13	23-1040	Plate — Latch	1
14	46-6811	Screw — Self Tapping	3

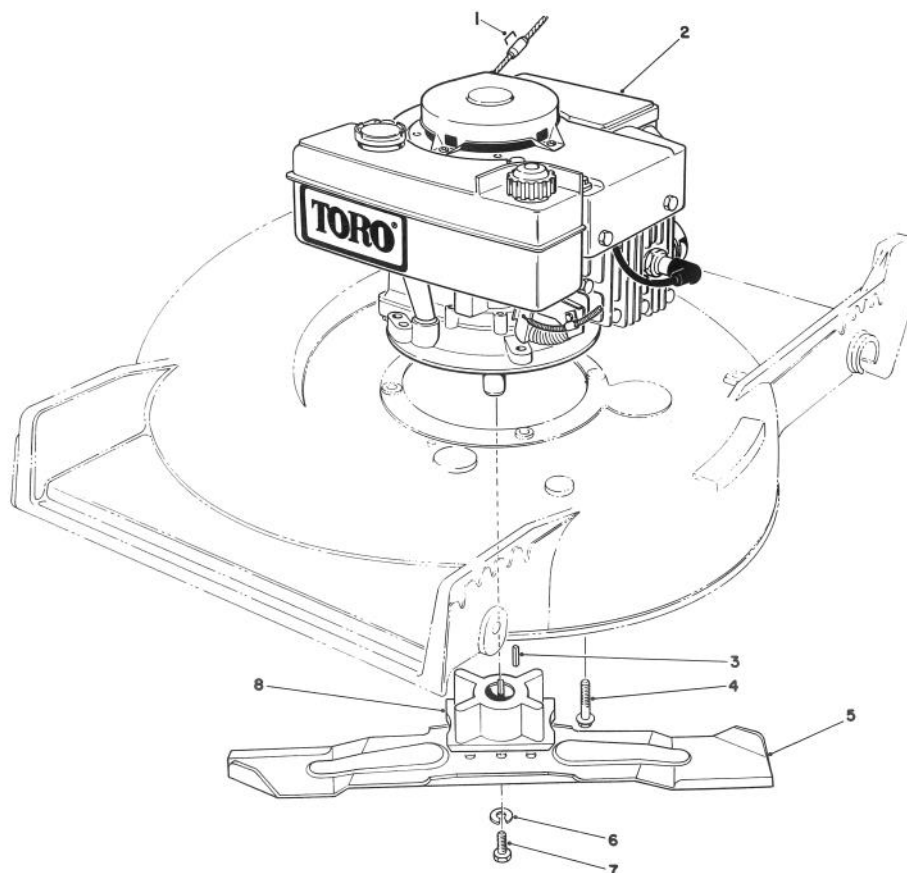
Ref. No.	Part No.	Description	No. Used
15	32144-11	Screw — Thread Forming	1
16	3256-56	Washer — Flat (Used on Units With Serial No. 7000001-7004102)	1
16	62-3720	Clamp — Cable (Used on Units With Serial No. 7004103 & Up)	1
17	2412-83	Cable Clamp	1
18	12-5450	Screw — Thread Forming Hex Washer Hd.	1
19	44-0580	Shield — Trailing	1
20	33-3208	Rod — Shield	1
21	25-7740	Knob Arm	4
22	44-5270	Screw — Pivot	4
23	11-9509	Wheel & Tire Assembly (Incl. Ref. #24)	4
24	27-6250	Bushing	8



HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
25	27-6230	Wheel Bolt	4
26	40-1940	Washer — Wheel Bolt	4
27	47-2940	Pivot Arm Assembly	4
28	52-3620	Nut — Lock	4
29	52-7480	Spring Arm Assembly — L.H.	2

Ref. No.	Part No.	Description	No. Used
30	5-4460	Washer — Pivot	4
31	3290-456	Washer — Bellville	4
32	3296-29	Nut — Lock	4
33	44-0450	Decal — 21" Rear Bagger	1
34	52-7490	Spring Arm Assembly — R.H.	2

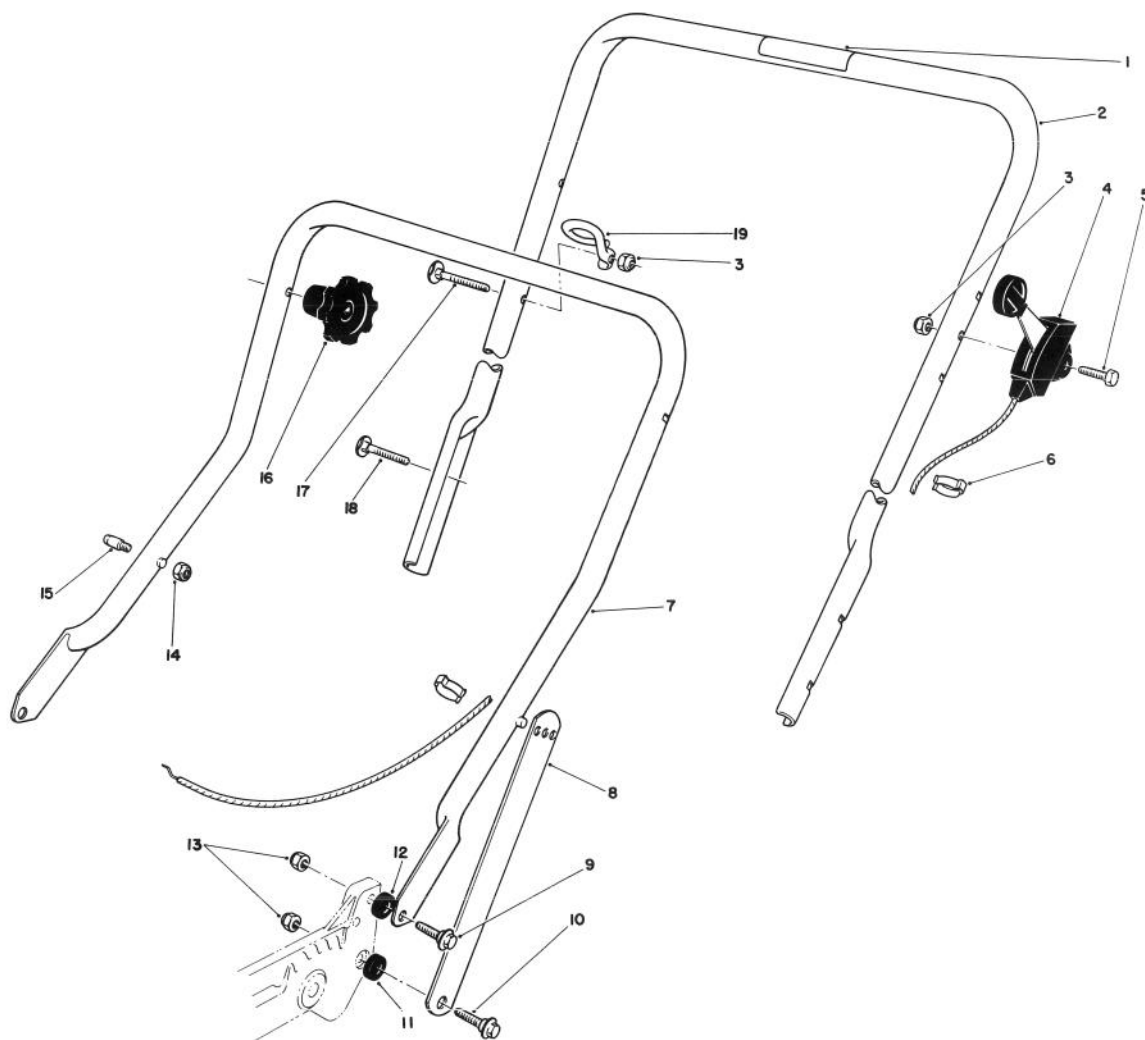


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1†		Staple	1
2		Engine	1
3	7-0036	Key — Square	1
4	11-0581	Screw — Thread Forming	3
5	42-1000	Blade — 21"	1
6	3253-22	Lockwasher	1
7	26-0670	Screw — Blade	1

Ref. No.	Part No.	Description	No. Used
8	46-3490	Retainer — Blade (Used on Units With Serial No. 7000001-7004102)	1
8	46-7810	Retainer — Blade (Used on Units With Serial No. 7004103 & Up)	1

† Obtain Locally

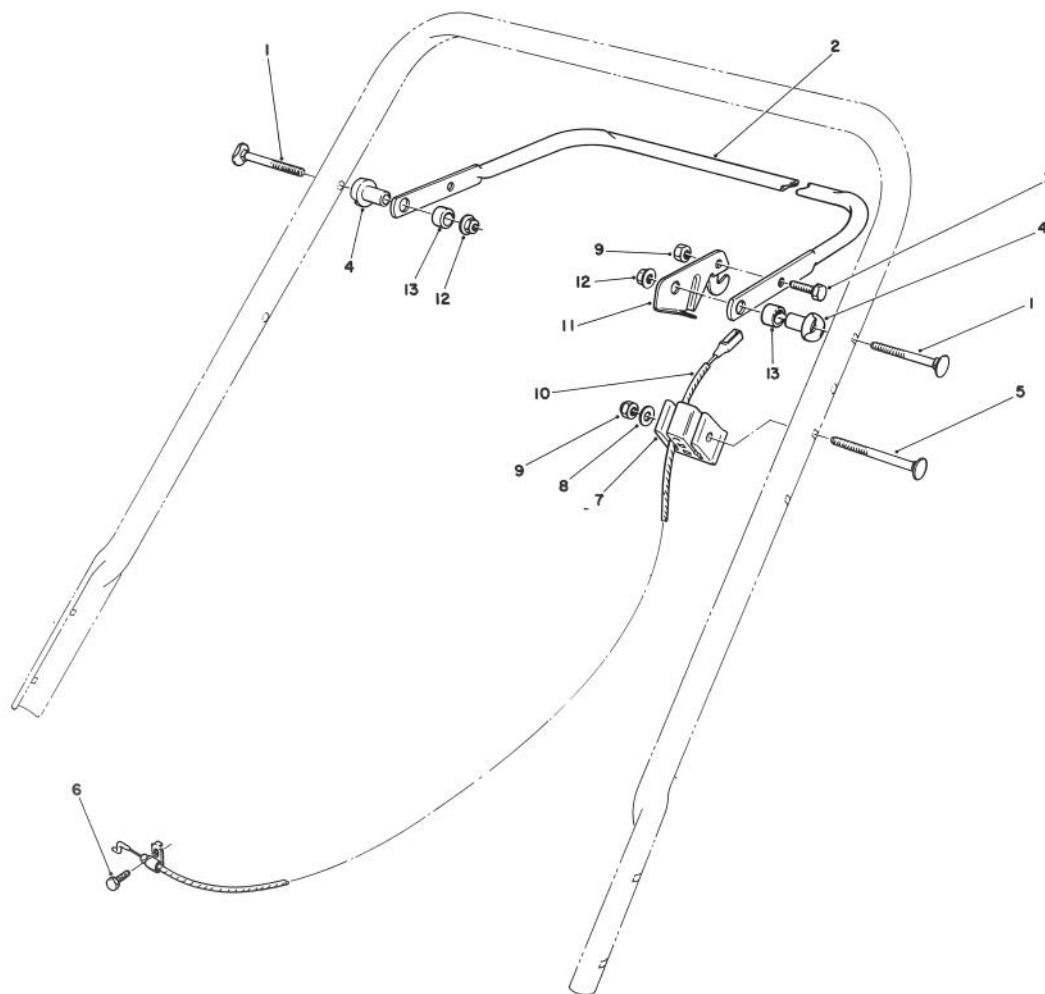


HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	52-7510	Decal — Instructions	1
2	12-4419	Handle — Upper (Incl. Ref. #1) (Used on Units With Serial No. 7000001-7004102)	1
2	49-4234	Handle — Upper (Incl. Ref. #1) (Used on Units With Serial No. 7004103 & Up)	1
3	3296-42	Locknut	2
4	46-6000	Control — Throttle Bend Type #1 Sheath Lg. 49 inch Wire Lg. 2-1/8 inch (Used on Units With Serial No. 7000001-7004102)	1
4	46-6000	Control — Throttle Bend Type #1 Sheath Lg. 40 inch Wire Lg. 2-1/8 inch (Used on Units With Serial No. 7004103 & Up)	1

Ref. No.	Part No.	Description	No. Used
5	321-10	Capscrew	1
6	218-465	Clip — Cable	2
7	43-1361	Handle — Lower	1
8	43-1370	Latch — Handle	2
9	27-7211	Screw — Shoulder	2
10	27-7210	Screw — Shoulder	2
11	3-3287	Spacer — Handle Latch	2
12	55-8060	Spacer	2
13	3296-29	Locknut	4
14†	3296-47	Locknut	2
15†	49-2750	Pin — Handle	2
16	19-4050	Knob — Handle Release	2
17	46-6433	Screw — Handle	1
18	17-9421	Screw — Handle	2
19	46-8080	Guide — Rope	1

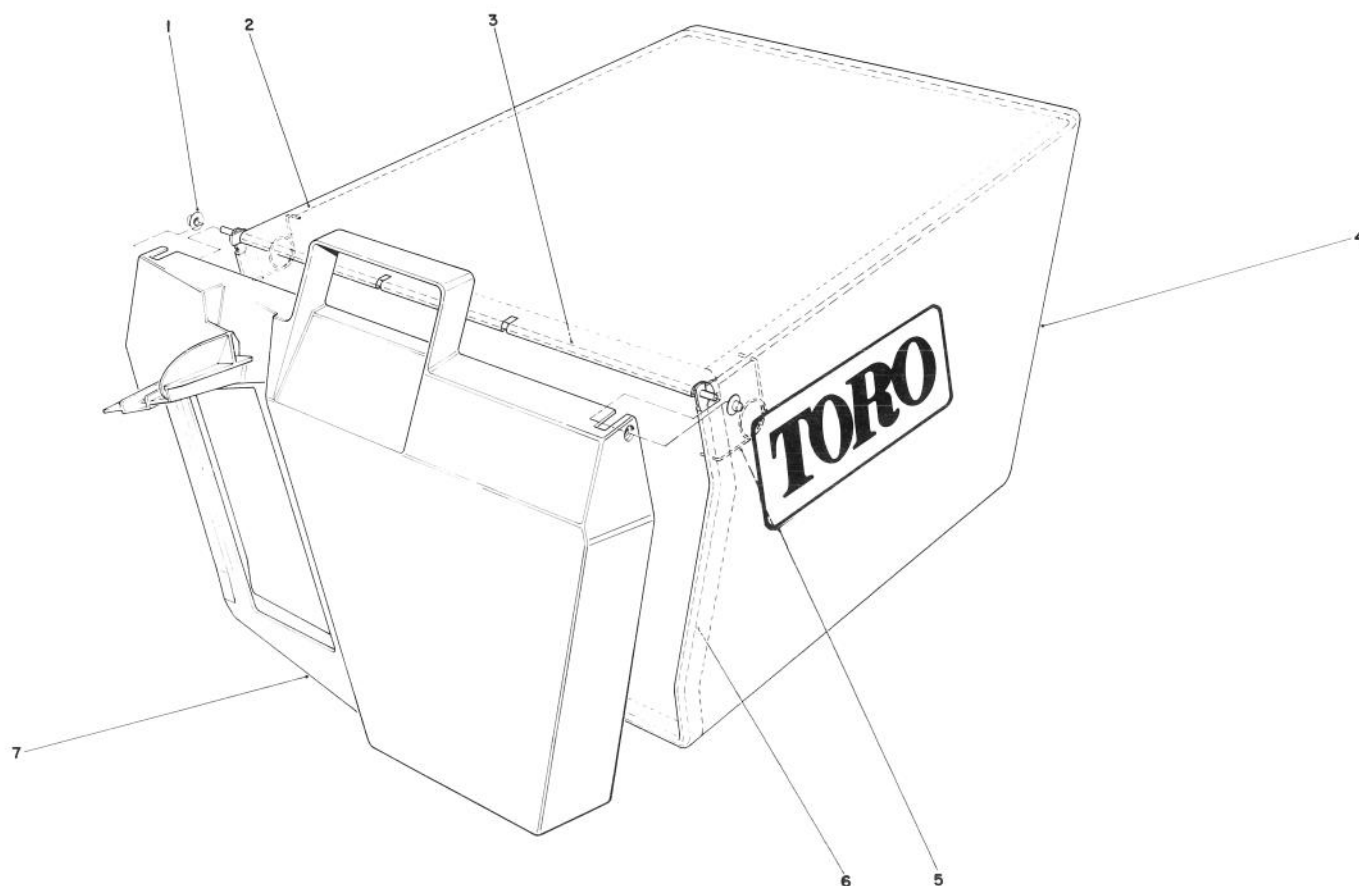
† Service Replacement Part



CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	17-9421	Screw — Handle	2
2	49-4220	Bar — Control (Used on Units With Serial No. 7000001-7004102)	1
2	62-3810	Bar — Control (Used on Units With Serial No. 7004103 & Up)	1
3	321-3	Capscrew	1
4	49-1630	Support — Spacer	2

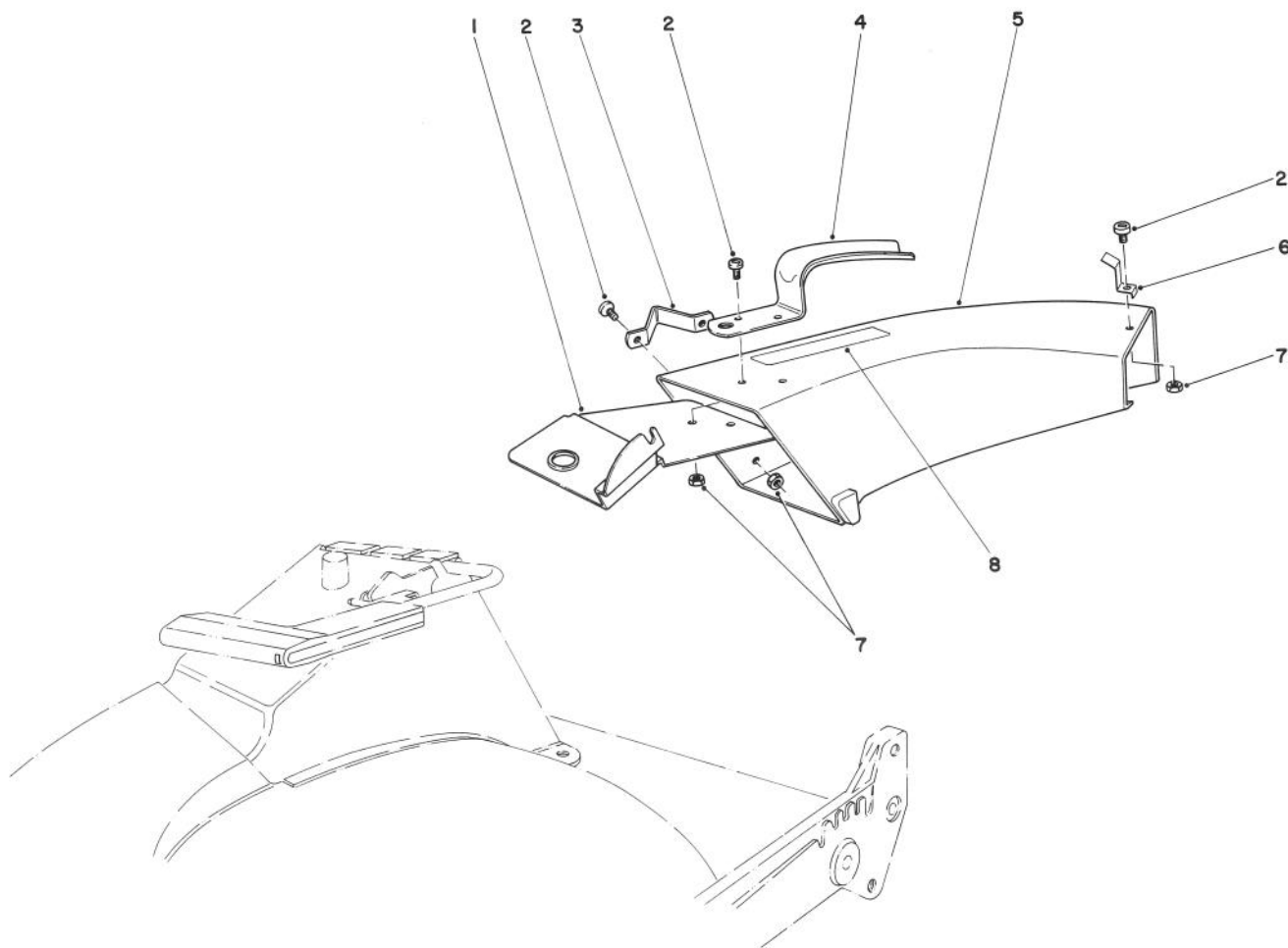
Ref. No.	Part No.	Description	No. Used
5	46-6434	Screw — Handle	1
6	2210-250	Capscrew	1
7	46-6980	Support — Cable	1
8	3256-22	Washer — Flat	1
9	3296-42	Locknut	2
10	46-8011	Cable — Brake	1
11	46-7950	Lever — Control	1
12	3296-58	Locknut	2
13	256-276	Spacer — Nylon	2



GRASS BAG ASSEMBLY NO. 11-0159

Ref. No.	Part No.	Description	No. Used
1	3290-422	Push Nut	2
2	42-4030	Bag Frame Upper	1
3	33-4820	Hinge Bag Door	1
4	8-2759	Grass Bag	1

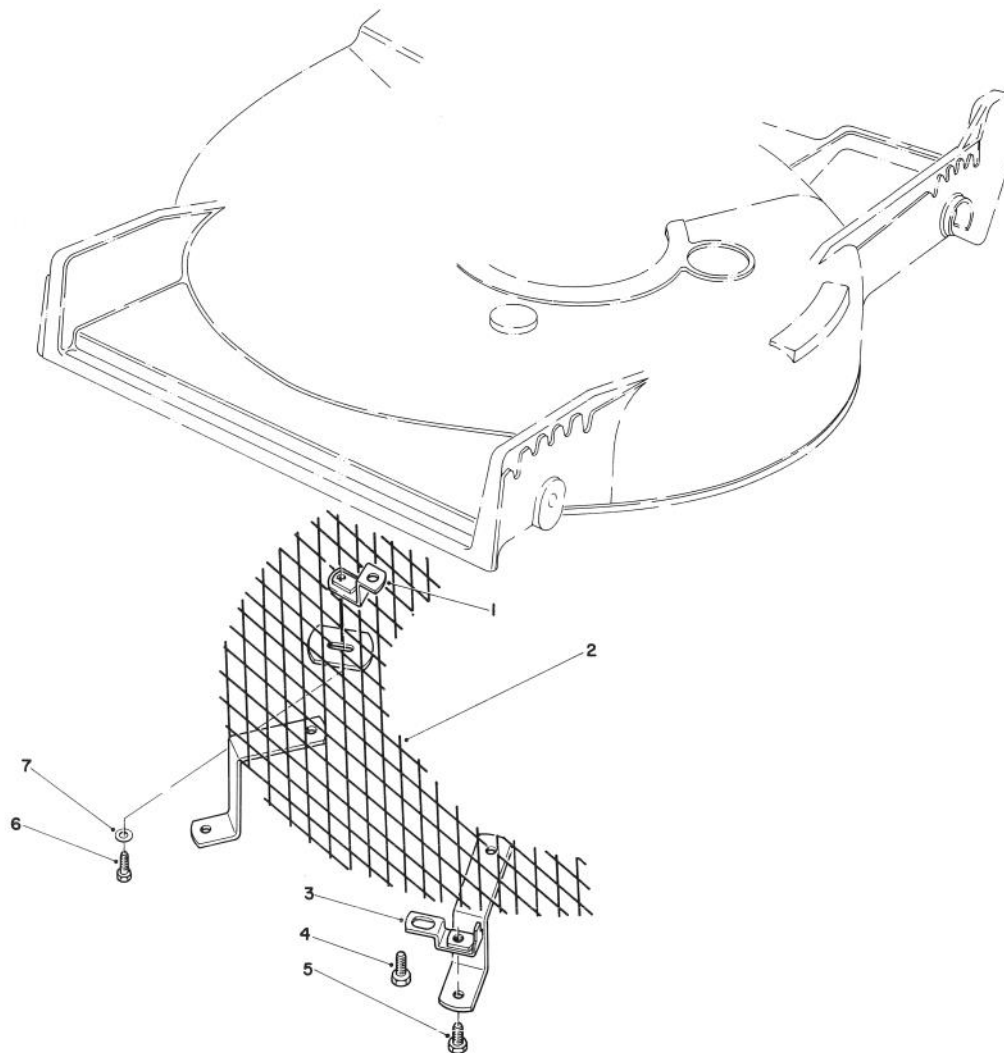
Ref. No.	Part No.	Description	No. Used
5	36-6910	Spring	2
6	43-0030	Frame Bag	1
7	36-1331	Door Grass Bag	1



SIDE DISCHARGE CHUTE MODEL NO. 59108 (Optional)

Ref. No.	Part No.	Description	No. Used
1	44-2330	Plate — Discharge Chute	1
2	3251-3	Screw	5
3	46-6580	Bracket — Side	1
4	42-1340	Handle — Grass Chute	1

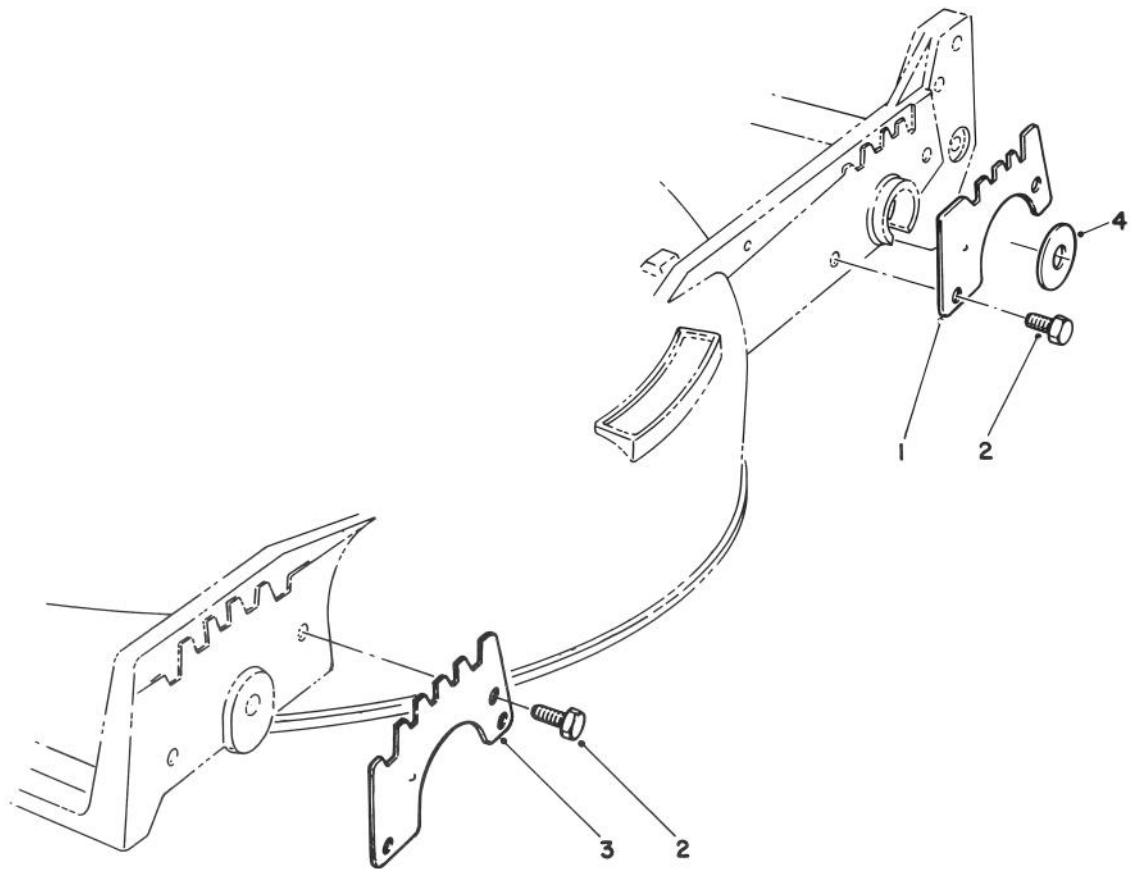
Ref. No.	Part No.	Description	No. Used
5	11-7149	Chute — Discharge (Incl. Ref. #8)	1
6	49-2630	Clip — Cable Stop	1
7	3296-12	Locknut	5
8	39-9120	Decal — Caution	1



LEAF SHREDDER KIT MODEL NO. 59157 (Optional)

Ref. No.	Part No.	Description	No. Used
1	47-6260	Bracket	1
2	47-6230	Screen	1
3	46-4880	Mounting Bracket	2
4	32144-11	Screw — Self Tapping	3

Ref. No.	Part No.	Description	No. Used
5	321-3	Capscrew — Hex Hd.	2
6	321-5	Capscrew — Hex Hd.	1
7	3256-1	Washer	1



WEAR PLATE KIT MODEL NO. 49-4080 (Optional)

Ref. No.	Part No.	Description	No. Used
1	49-4070	Plate — Wear, Rear	2
2	32104-17	Screw — Thread Forming	8

Ref. No.	Part No.	Description	No. Used
3	43-5050	Plate — Wear, Front	2
4	33-0390	Washer	2

(used on units with serial no. 7000001-7004102)



ENGINE TECUMSEH MODEL NO. TVS100-44001

(used on units with serial no. 7000001-7004102)

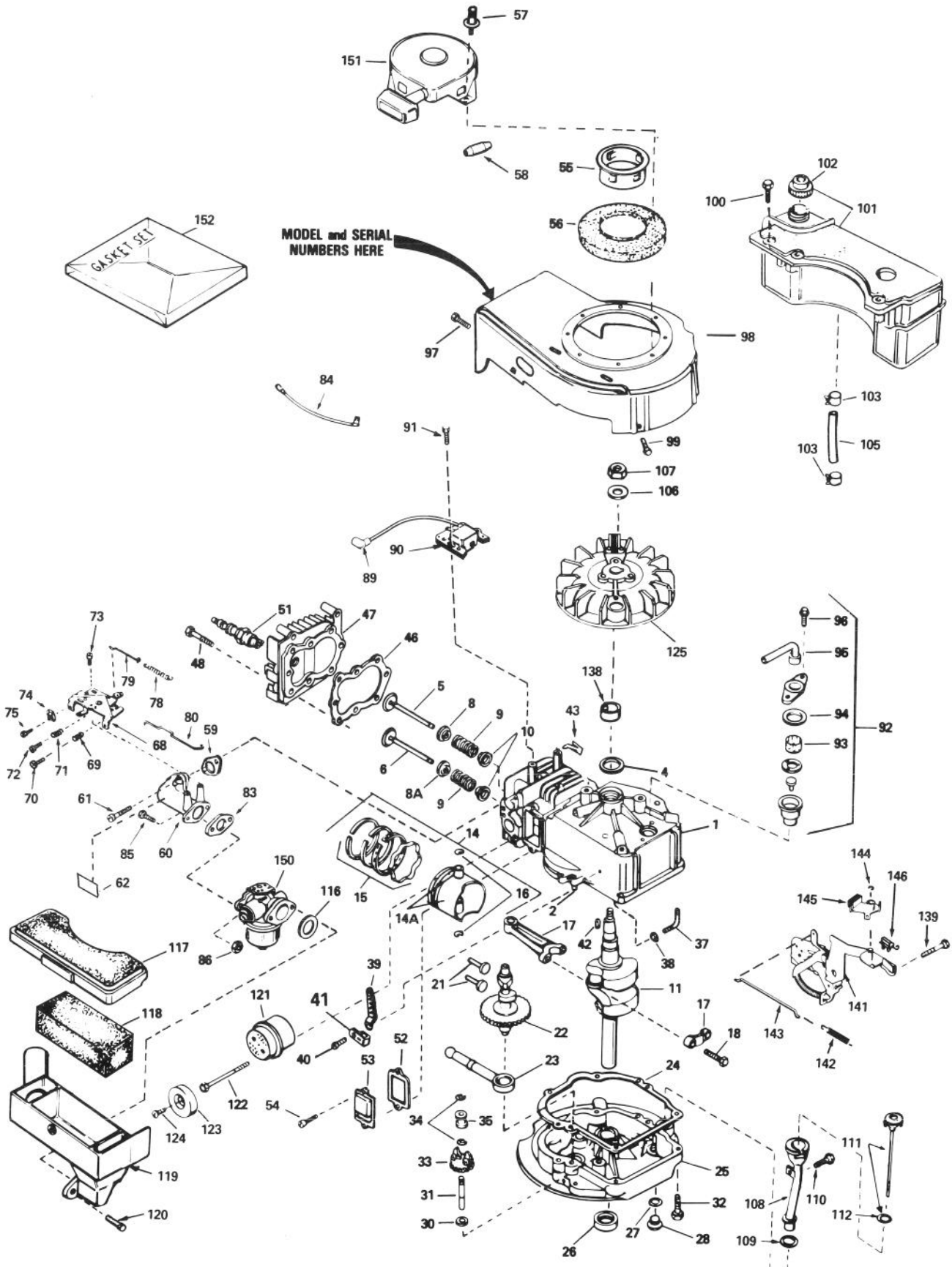
Ref. No.	Part No.	Description	No. Used
1	35010	Cylinder Assembly (Incl. Ref. #2 & 4)	1
2	26727	Pin — Dowel	2
4	32600	Seal — Oil	1
5	29314B	Valve — Intake (Std.) (Incl. Ref. #10)	1
5	29315C	Valve — Intake (1/32" oversize) (Incl. Ref. #10)	1
6	29313C	Valve — Exhaust (Std.) (Incl. Ref. #10)	1
6	29315C	Valve — Exhaust (1/32" oversize) (Incl. Ref. #10)	1
8	35390	Seal Assembly — Intake Valve	1
8A	31671	Cap — Upper Valve Spring (Exhaust)	1
9	31672	Spring — Valve	2
10	31673	Cap — Lower Valve Spring	2
11	34440	Crankshaft	1
14	34851	Piston — Pin & Ring Assy. (Std.) (Incl. Ref. #14A, 15 & 16)	1
14	34852	Piston — Pin & Ring Assembly (.010 oversize) (Incl. Ref. #14A, 15 & 16)	1
14	34853	Piston — Pin & Ring Assembly (.020 oversize) (Incl. Ref. #14A, 15 & 16)	1
14A	32603B	Piston & Pin Assembly (Std.) (Incl. Ref. #16)	1
14A	32604B	Piston & Pin Assembly (.010 oversize) (Incl. Ref. #16)	1
14A	32605B	Piston & Pin Assembly (.020 oversize) (Incl. Ref. #16)	1
15	34854	Ring Set — Piston (Std.)	1
15	34855	Ring Set — Piston (.010 oversize)	1
15	34856	Ring Set — Piston (.020 oversize)	1
16	20381	Ring — Piston Pin Retaining	2
17	30963B	Rod Assembly — Connecting (Incl. Ref. #18)	1
18	32610A	Screw — Connecting Rod	2
21	27241	Lifter — Valve	2
22	33553	Camshaft (Mechanical Compression Release)	1
23	29914	Pump Assembly — Oil	1
24	*35261	Gasket — Mounting Flange	1
25	34831	Flange Assembly — Mounting (Incl. Ref. #26, 27, 28 & 31)	1
26	26208	Seal — Oil	1
27	*28833	Gasket — Oil Drain Plug	1
28	27244	Plug — Oil Drain	1
30	30590A	Washer — Flat	1
31	30574	Shaft — Mechanical Governor	1
32	650488	Screw — Hex Hd.	6

Ref. No.	Part No.	Description	No. Used
33	30591	Gear Assembly — Governor (Incl. Ref. #30)	1
34	29193	Ring — Retaining	2
35	30588A	Spool — Governor	1
37	30589	Rod — Governor (Incl. Ref. #38)	1
38	28277	Washer — Flat	1
39	31383A	Lever — Governor	1
40	650548	Screw — Hex Washer Hd.	1
41	31335	Clamp — Governor Lever	1
42	611004	Key — Flywheel (Solid State)	1
43	29443	Clip — Spring	1
46	*33015	Gasket — Cylinder Head	1
47	34342	Head — Cylinder	1
48	6021A	Screw — Hex Flange Hd.	8
51	35078	Plug — Spark (Autolite 458, Champion J-19LM or equivalent)	1
52	*27234	Gasket — Breather	1
53	32755	Cover — Valve Spring	1
54	650128	Screw — Fil. Hd.	2
55	34449	Hub — Starter	1
56	35009	Screen — Starter	1
57		Pop Rivet (Can be purchased locally)	1
58	34985	Rope Stop & Staple Assembly	1
59	*34690	Gasket — Intake Pipe	1
60	31384A	Pipe — Intake (Incl. Ref. #59)	1
61	650451	Screw — Hex Hd.	2
62	34144	Decal — Primer	1
68	33131A	Control Assy. — Remote Speed (Incl. Ref. #69 thru 72)	1
69	33802	Spring — Compression	1
70	650777	Screw — Fil. Hd.	1
71	31342	Spring — Compression	1
72	650549	Screw — Fil. Hd.	1
73	30200	Screw — Hex Washer Hd. Self-Tap.	2
74	27793	Clip — Conduit	1
75	28942	Screw — Hex Washer Hd.	1
78	31361	Spring — Governor	1
79	34337	Link — Governor Spring	1
80	34336	Link — Governor-to-Throttle	1
83	*26756	Gasket — Carburetor	1
84	34961	Wire — Ground	1
85	6201	Screw — Hex Hd.	2
86	29752	Nut & Lockwasher	2
89	610118	Cover — Spark Plug	1
90	34443A	Solid State Assembly	1
91	650814	Screw — Hex Hd.	2
92	34214A	Breather Assembly (Incl. Ref. #93 thru 96)	1
93	33734	Element — Breather	1
94	*33735	Gasket — Breather	1
95	33886	Tube — Breather	1

*Indicates parts included in Gasket Set, Ref. #152.

ENGINE TECUMSEH MODEL NO. TVS100-44001 (Continued)

(used on units with serial no. 7000001-7004102)



ENGINE TECUMSEH MODEL NO. TVS100-44001 (Continued)
(used on units with serial no. 7000001-7004102)

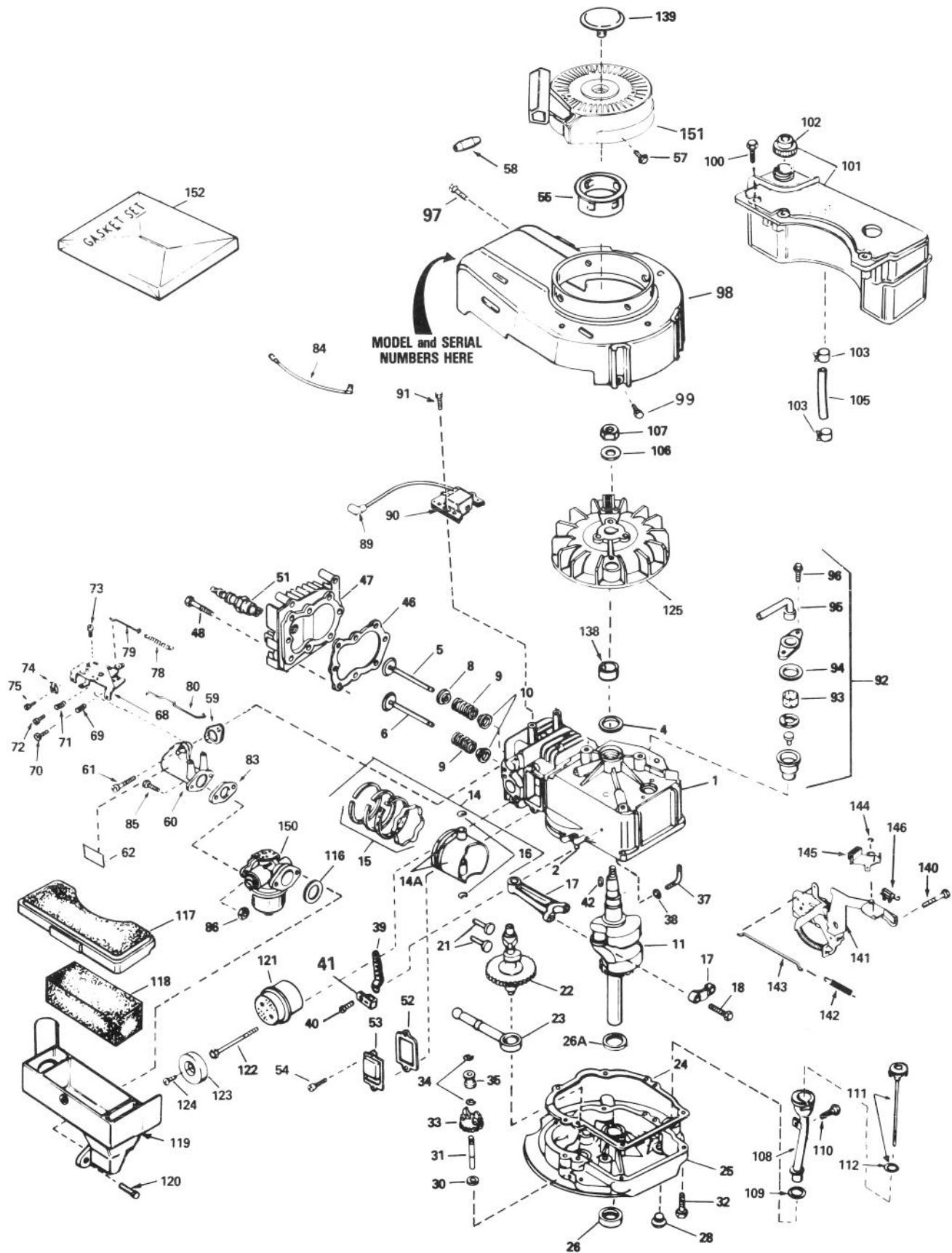
Ref. No.	Part No.	Description	No. Used
96	30200	Screw — Hex Washer Hd. Self-Tap.	2
97	30200	Screw — Hex Washer Hd. Self-Tap.	2
98	34936	Housing — Blower	1
99	650831	Screw — Hex Washer Hd. Power Lok Thread	2
100	28763	Screw — Hex Washer Hd.	3
101	34476	Tank Assembly — Fuel (Incl. Ref. #102)	1
102	33032	Cap — Fuel Tank	1
103	26460	Clamp — Fuel Line	2
105	30705	Line — Fuel	1
106	650815	Washer — Belleville	1
107	650816	Nut — Flywheel	1
108	34264	Tube — Oil Fill	1
109	34265	Gasket — Oil Fill Tube	1
110	650562	Screw — Hex Washer Hd.	1
111	34281	Dipstick — Oil (Incl. Ref. #112)	1
112	33590	"O" Ring	1
116	*34338	Gasket — Air Cleaner	1
117	34341	Cover — Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
118	34340	Element — Air Cleaner	1
119	34858	Body — Air Cleaner	1
120	650806	Screw — Hex Washer Hd. Shoulder	2
121	27181B	Muffler (Incl. Ref. #122)	1
122	650795	Screw — Hex Hd.	2
123	32431	Cover — Muffler	1
124	650643	Screw — Pan Hd. Self-Tap.	1
125	611046A	Flywheel	1
138	34080	Spacer — Flywheel Key	1
139	650839	Screw — Hex Hd. Self-Tap.	2
141	35015	Bracket Assembly — Brake	1
142	34965	Spring — Extension	1
143	34966	Link — Control	1
144	32309	Ring — Retaining	1
145	34968	Lever — Brake	1
146	610973	Terminal Assembly	1
150	632098	Carburetor (Inc. Ref. #83)	1
151	590420A	Starter — Rewind	1
152	33238C	Gasket Set (Incl. Items Marked *)	1

*Indicates parts included in Gasket Set, Ref. #152.

ENGINE TECUMSEH MODEL NO. TVS100-44011A

(used on units with serial no. 7004103 & up)



ENGINE TECUMSEH MODEL NO. TVS100-44011A

(used on units with serial no. 7004103 & up)

Ref. No.	Part No.	Description	No. Used
1	35010	Cylinder Assembly (Incl. Ref. #2 & 4)	1
2	26727	Pin — Dowel	2
4	32600	Seal — Oil	1
5	29314B	Valve — Intake (Std.) (Incl. Ref. #10)	1
5	29315C	Valve — Intake (1/32" oversize) (Incl. Ref. #10)	1
6	29313C	Valve — Exhaust (Std.) (Incl. Ref. #10)	1
6	29315C	Valve — Exhaust (1/32" oversize) (Incl. Ref. #10)	1
8	35390	Seal Assembly — Intake Valve	1
9	31672	Spring — Valve	2
10	31673	Cap — Lower Valve Spring	2
11	35482	Crankshaft	1
14	34851	Piston — Pin & Ring Assy. (Std.) (Incl. Ref. #14A, 15 & 16)	1
14	34852	Piston — Pin & Ring Assembly (.010 oversize) (Incl. Ref. #14A, 15 & 16)	1
14	34853	Piston — Pin & Ring Assembly (.020 oversize) (Incl. Ref. #14A, 15 & 16)	1
14A	32603B	Piston & Pin Assembly (Std.) (Incl. Ref. #16)	1
14A	32604B	Piston & Pin Assembly (.010 oversize) (Incl. Ref. #16)	1
14A	32605B	Piston & Pin Assembly (.020 oversize) (Incl. Ref. #16)	1
15	34854	Ring Set — Piston (Std.)	1
15	34855	Ring Set — Piston (.010 oversize)	1
15	34856	Ring Set — Piston (.020 oversize)	1
16	20381	Ring — Piston Pin Retaining	2
17	30963B	Rod Assembly — Connecting (Incl. Ref. #18)	1
18	32610A	Screw — Connecting Rod	2
21	27241	Lifter — Valve	2
22	33553	Camshaft (Mechanical Compression Release)	1
23	29914	Pump Assembly — Oil	1
24	*35261	Gasket — Mounting Flange	1
25	34311B	Flange Assembly — Mounting (Incl. Ref. #26, 28 & 31)	1
26	27897	Seal — Oil	1
26A	32323	Washer — Thrust	1
28	27244	Plug — Oil Drain	1
30	30590A	Washer — Flat	1
31	30574	Shaft — Mechanical Governor	1
32	650488	Screw — Hex Hd. Sems	6
33	30591	Gear Assembly — Governor (Incl. Ref. #30)	1

Ref. No.	Part No.	Description	No. Used
34	29193	Ring — Retaining	2
35	30588A	Spool — Governor	1
37	30589	Rod — Governor (Incl. Ref. #38)	1
38	28277	Washer — Flat	1
39	31383A	Lever — Governor	1
40	650548	Screw — Hex Washer Hd.	1
41	31335	Clamp — Governor Lever	1
42	611004	Key — Flywheel (Solid State)	1
46	*33015	Gasket — Cylinder Head	1
47	34342	Head — Cylinder	1
48	6021A	Screw — Hex Flange Hd.	8
51	35078	Plug — Spark (Autolite 458, Champion J-19LM or equivalent)	1
52	*27234	Gasket — Breather	1
53	32755	Cover — Valve Spring	1
54	650128	Screw — Fil. Hd. Sems	2
55	35000	Hub — Starter	1
57	650884	Screw — Hex Washer Hd.	4
58	34985	Rope Stop & Staple Assembly	1
59	*34690	Gasket — Intake Pipe	1
60	31384A	Pipe — Intake (Incl. Ref. #59)	1
61	650451	Screw — Hex Hd. Sems	2
62	34144	Decal — Primer	1
68	33131A	Control Assy. — Remote Speed (Incl. Ref. #69 thru 72)	1
69	33802	Spring — Compression	1
70	650777	Screw — Fil. Hd.	1
71	31342	Spring — Compression	1
72	650549	Screw — Fil. Hd.	1
73	30200	Screw — Hex Washer Hd. Self-Tap Sems	2
74	27793	Clip — Conduit	1
75	28942	Screw — Hex Washer Hd. Sems	1
78	31361	Spring — Governor	1
79	34337	Link — Governor Spring	1
80	34336	Link — Governor-to-Throttle	1
83	*26756	Gasket — Carburetor	1
84	34961	Wire — Ground	1
85	6201	Screw — Hex Hd.	2
86	29752	Nut & Lockwasher	2
89	610118	Cover — Spark Plug	1
90	34443A	Solid State Assembly	1
91	650814	Screw — Hex Hd. Sems	2
92	34214A	Breather Assembly (Incl. Ref. #93 thru 96)	1
93	33734	Element — Breather	1
94	*33735	Gasket — Breather	1
95	33886	Tube — Breather	1
96	30200	Screw — Hex Washer Hd. Self-Tap Sems	2
97	30200	Screw — Hex Washer Hd. Self-Tap Sems	2
98	35485	Housing — Blower	1

*Indicates parts included in Gasket Set, Ref. #152.

(used on units with serial no. 7004103 & up)



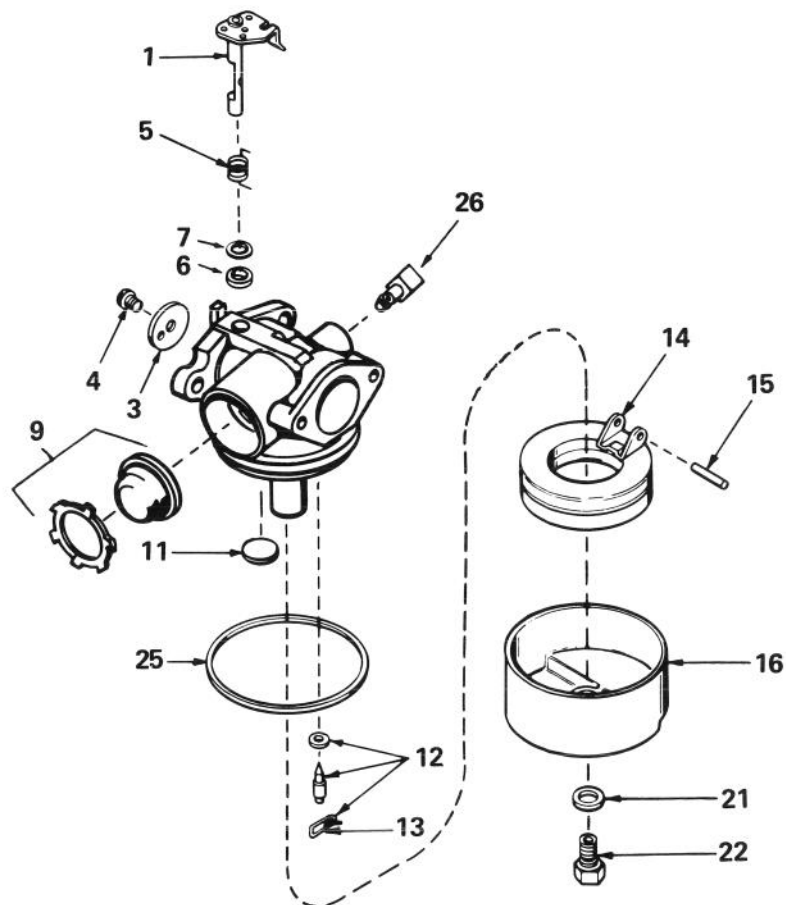
ENGINE TECUMSEH MODEL NO. TVS100-44011A (Continued)

(used on units with serial no. 7004103 & up)

Ref. No.	Part No.	Description	No. Used
99	650831	Screw — Hex Washer Hd. Power Lok Thread	2
100	28763	Screw — Hex Washer Hd. Shakeproof	3
101	34476	Tank Assembly — Fuel (Incl. Ref. #102)	1
102	33032	Cap — Fuel Tank	1
103	26460	Clamp — Fuel Line	2
105	30705	Line — Fuel	1
106	650815	Washer — Belleville	1
107	650816	Nut — Flywheel	1
108	34264	Tube — Oil Fill	1
109	34265	Gasket — Oil Fill Tube	1
110	650562	Screw — Hex Washer Hd. Shakeproof	1
111	34267	Dipstick — Oil (Incl. Ref. #112)	1
112	33590	"O" Ring	1
116	*34338	Gasket — Air Cleaner	1
117	34341A	Cover — Air Cleaner	1
118	34340	Element — Air Cleaner	1
119	34858	Body — Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
120	650806	Screw — Hex Washer Hd. Shoulder	2
121	27181B	Muffler (Incl. Ref. #122)	1
122	650795	Screw — Hex Hd.	2
123	32431	Cover — Muffler	1
124	650760	Screw — Pan Hd. Taptite	1
125	611046A	Flywheel	1
138	34080	Spacer — Flywheel Key	1
139	35392	Plug — Starter	1
140	650839	Screw — Hex Hd. Self-Tap. Sems	2
141	35015A	Bracket Assembly — Brake	1
142	34965	Spring — Extension	1
143	34966	Link — Control	1
144	32309	Ring — Retaining	1
145	34968	Lever — Brake	1
146	610973	Terminal Assembly	1
150	632098	Carburetor (Inc. Ref. #83)	1
151	590621	Starter — Rewind	1
152	33238C	Gasket Set (Incl. Items Marked *)	1

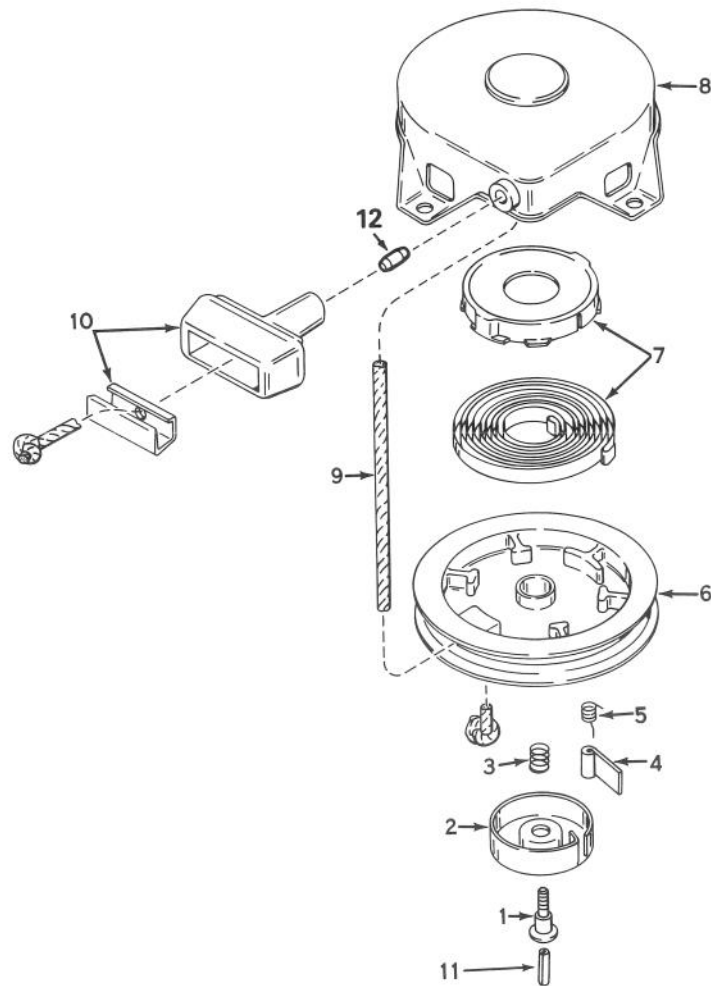
*Indicates parts included in Gasket Set, Ref. #152.



CARBURETOR NO. 632098

Ref. No.	Part No.	Description	No. Used
1	631615	Shaft & Lever Assy., Throttle	1
3	631616	Shutter — Throttle	1
4	650506	Screw — Throttle Shutter	1
5	631767	Spring — Throttle Return	1
6	631971	Seal — Dust	1
7	631184	Washer — Flat	1
9	632047	Primer Assembly	1
11	631027	Plug — Welch	1
12	631021	Inlet Needle — Seat & Clip Assy. (Incl. Ref. #13)	1

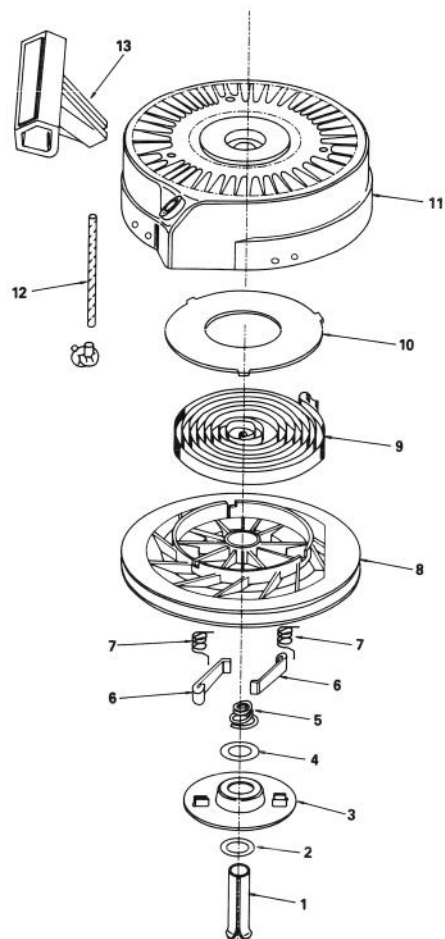
Ref. No.	Part No.	Description	No. Used
13	631022	Clip — Inlet Needle	1
14	632019	Float — Carburetor	1
15	631024	Shaft — Float	1
16	631700	Bowl — Float	1
21	631334	Gasket — Bowl-To-Body	1
22	631937	Nut — Float Bowl	1
25	631028	Gasket — Bowl-To-Body	1
26	631807	Fitting — Fuel Inlet	1



REWIND STARTER NO. 590420A
 (used on units with serial no. 7000001-7004102)

Ref. No.	Part No.	Description	No. Used
1	590409A	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
6	590413A	Pulley	1
7	590414	Spring & Keeper Assy.	1

Ref. No.	Part No.	Description	No. Used
8	590536	Housing Assy. — Starter (Incl. #1)	1
9	590535	Rope — Starter	1
10	590387	Handle Assy. — Starter	1
11	590459	Pin — Centering	1
12	34985	Stop & Staple — Rope (Not used on all models)	1



REWIND STARTER NO. 590621
(used on units with serial no. 7004103 & up)

Ref. No.	Part No.	Description	No. Used
1	590599	Pin — Spring	1
2	590600	Washer	1
3	590615	Retainer	1
4	590601	Washer	1
5	590598	Spring — Brake	1
6	590616	Dog — Starter	2
7	590617	Spring — Dog	2

Ref. No.	Part No.	Description	No. Used
8	590618	Pulley	1
9	590619	Spring — Rewind	1
10	590620	Cover — Spring	1
11	590622	Housing Assembly — Starter	1
12	590535	Rope — Starter (Length 98" & 9/64" dia.)	1
13	590452	Handle — Starter	1