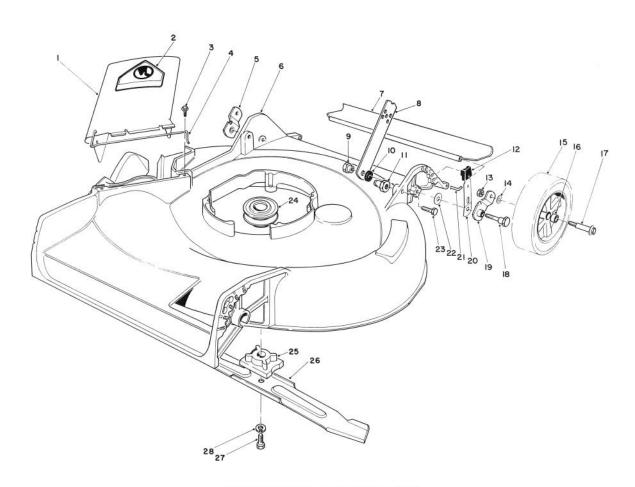


MODEL NO. 16775 — 7000001 & UP

PARTS CATALOG

21" S.P. SIDE DISCHARGE

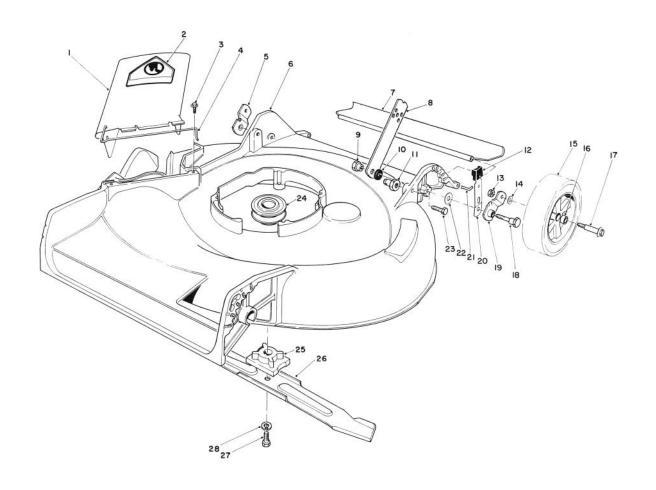


HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7817	Deflector (Incl. Ref. #2 & 4)	1
2	39-5770	Decal — Danger	1
3	46-6811	Screw & Washer Assembly	2
4	20-2640	Hinge — Spring	1
5	20-2130	Pivot Arm Assembly "B"	1
6	11-4639	Housing	1
7	22-4950	Shield — Rear	1
8	27-7080	Latch — Handle	2
9	27-6520	Nut — Shoulder	2
10	3-3287	Spacer — Handle Latch	2 2
11	12-2080	Nut — Shoulder	
12	25-7740	Knob — Spring Arm	2
13	52-3620	Nut — Lock	2
14	40-1940	Washer — Wheel Bolt	2

Ref. No.	Part No.	Description	No. Used
15	27-6200	Wheel & Tire Assembly (used on units with serial no. 7001848 & up) (Incl. Ref. #16)	2
*	11-9509	Wheel & Tire Assembly (used on units with serial no. 7000001-7001847)	
200.020	77200077007007007007	(Incl. Ref. #16)	2
16	27-6250	Bushing	4
17	27-6230	Bolt — Wheel	2
18	28-8880	Screw — Pivot	2
19	20-2140	Pivot Arm Assembly "A"	1
20	25-8000	Spring Arm	2
21	33-3201	Rod — Rear Shield	1
	1		1

^{*} Not Illustrated

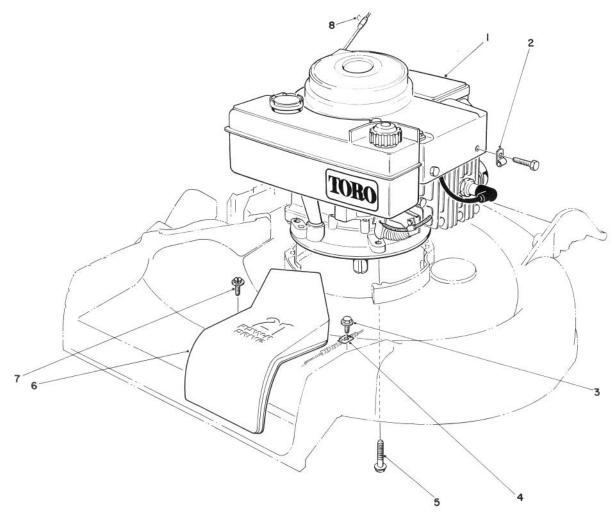


HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
22	5-4460	Washer — Pivot	2
23	322-6	Screw — Cap Hex Hd.	2
24	46-7910	Pulley — Driver (used on units with serial	
*	23-0130	no. 7001848 & up) Pulley — Driver (used	1
		on units with serial	
		no. 7000001-7001847)	1

Ref. No.	Part No.	Description	No. Used
25	49-7900	Retainer — Blade (used on units with serial no. 7001848 & up)	1
*	49-7890	Retainer — Blade (used on units with serial	'
26	20-2720	no. 7000001-7001847)	1
27	26-2720	Blade 21"	1 1 1
		Screw — Blade Hex Hd.	1
28	3253-22 12-1739	Washer — Lock Loose Parts	1 1

^{*} Not Illustrated

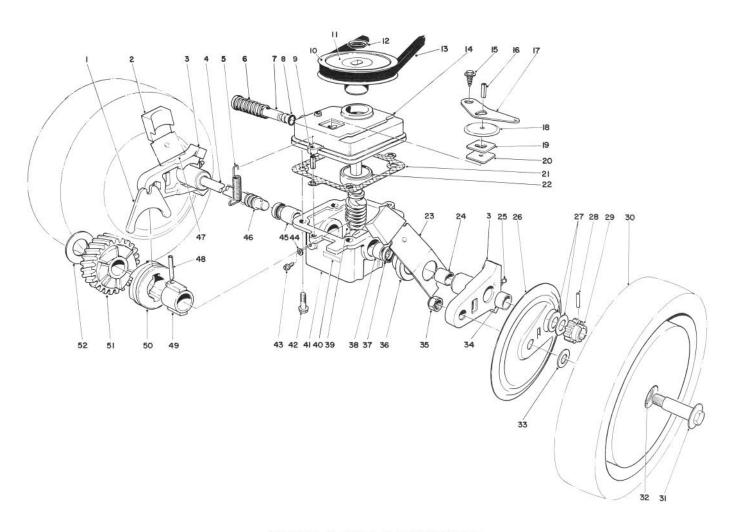


ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Engine	1
1 2 3	2412-63	Clamp — Casing	1
3	32144-11	Screw — Hex Flange Hd.	
		Thread Forming	1 1
4	46-5610	Clamp — Cable	1

Ref. No.	Part No.	Description	No. Used
5	11-0580	Screw — Engine	3
6	46-4780	Cover — Belt	
7	12-5450	Screw — Thread Forming	1 2 1
8†		Stable	1

[†] Obtain locally

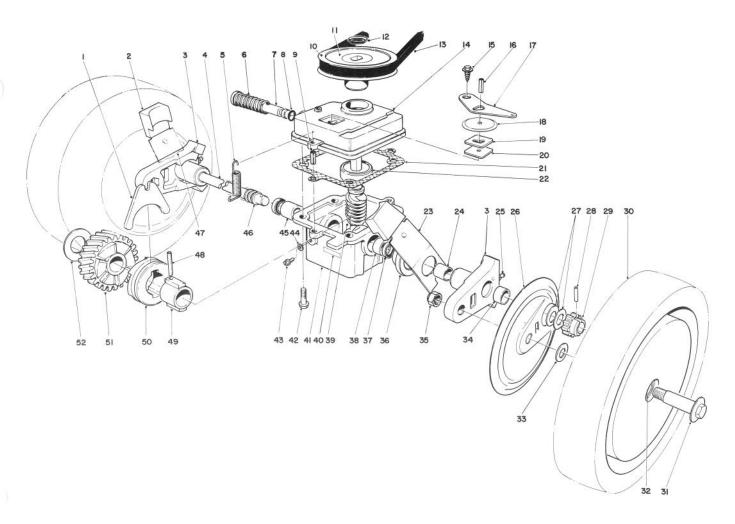


GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-3247	Shifter Fork	1
2	25-7740	Knob Arm	2
3	38-2220	Pivot Arm (Incl. Ref. #24, 25 & 34)	2
4	37-9440	Drive Shaft	1
5	17-4490	Spring — Belt Tension	1
6	3-0731	Spring	1
7	46-8240	Shifter Rod	1
8	237-137	"O" — Ring	1
9	32121-1	Roll Pin	2
10	18-9760	Pulley	1
11	33-2450	Decal — Caution	1
12	3290-346	Push On Retainer	1
13	5-4505	V-Belt	1
14	39-1101	Gear Case Cover	1
15	32140-64	Screw — Self Tapping	1
16	32121-114	Roll Pin	1
17	5-3252	Shifter Arm	1
18	52-7380	Dust Cover	1
19	3-0681	Latch Plate	1
20	52-7370	Filter — Dust	1
21	36-1000	Gasket — Gear Case	1

Ref. No.	Part No.	Description	No. Used
22	47-7250	Ball Bearing	1
23	25-7930	Spring Arm Assembly L.H.	1
24	256-206	Bushing	2
25	302-56	Grease Fitting	2
26	18-9820	Wheel Cover (used on units with serial no.	
*	52-7500	7001848 & up) Wheel Cover (used on units with serial	2
27	46 6540	no. 7000001-7001847)	2
	46-6510	Thrust Washer	4
28	32121-98	Pin — Coil	2
29	46-5930	Pinion Gear	2
30	11-1419	Wheel & Tire Assembly (Incl. Ref. #32) (used on units with serial no. 7001848 & up)	2
*	11-9519	Wheel & Tire Assembly (Incl. Ref. #32) (used on units with serial no. 7000001-7001847)	2
31	27-6231	Wheel Bolt	2

^{*} Not Illustrated



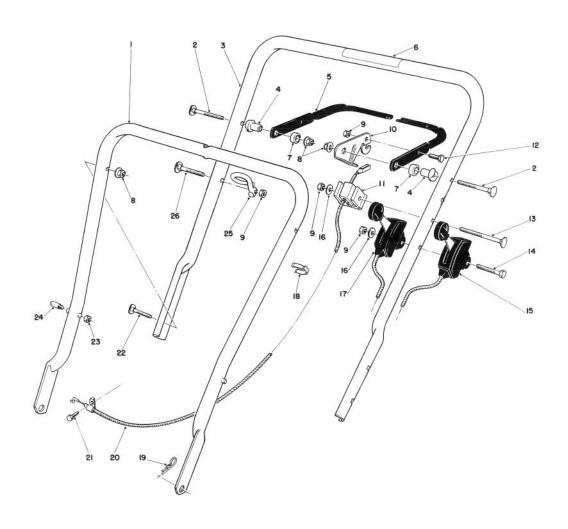
GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	27-6250	Bushing — Wheel	4
33	40-1940	Washer — Wheel Bolt	2
34	256-1	Bushing	2
35	52-3620	Nut	2
36	42-3520	End Cap	2
37	47-6730	Oil Seal	2
38	47-2890	Bushing	1
39	8-5679	Worm Shaft & Gear (Incl. Ref. #51)	1
40	40-4755	Decal	1
41	8-0479	Gear Case (Incl. Ref. #37, 38 & 45)	1
42	11-9760	Screw	4
43	28-1550	Screw Nylon	1

Ref. No.	Part No.	Description	No. Used
44	46-9640	Gasket	1
45	47-2900	Bushing	1
46	24-7920	Cover Drive Shaft	1
47	25-7920	Spring Arm Assembly R.H.	1
48	32121-88	Coil Pin	1
49	3-0721	Sleeve	1
50	19-5660	Clutch Jaw	1
51		Helical Gear	1
52	3-0724	Thrust Washer	1
*	12-2399	Gear Case Assy. Complete	1
*	27-0490	Bearing & Shaft Tool	1
†*	39-9640	Metric Bearing Tool	1 1
†*	27-0460	Tool — Rotary S.P. Bushing	1

^{*} Not Illustrated

[†] Use With Part No. 27-0490, Bearing & Shaft Tool.

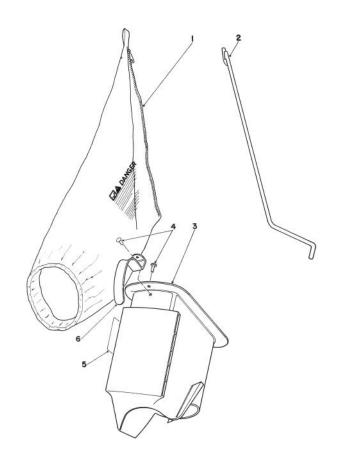


HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-1690	Lower Handle Assembly	1
2	17-9421	Screw — Handle	2
3	12-4419	Handle — Upper	
		(Incl. Ref. #6)	1
4	49-1630	Support — Spacer	1 2
5	62-3810	Bar — Control (used on	
		units with serial no.	
		7001848 & up)	1
*	49-4220	Bar Control (used on	
		units with serial no.	
		7000001-7001847)	1
6	52-7510	Decal — Warning	1 2 4
7	256-276	Spacer — Nylon	2
8	3296-58	Nut — Flange Lock	4
9	3296-42	Nut — Lock	4
10	46-7950	Lever — Control	1
11	46-6980	Support — Cable	1
12	321-3	Capscrew	1
13	46-6434	Screw — Handle	1

21-15 3-2526 256-22 6-6000	Capscrew Control — Traction (Bend Type #3) (Sheath Lg. 46") (Wire Lg. 1-1/4") Washer — Flat Control — Throttle (Bend Type #1) (Sheath Lg. 30")	1 2
256-22	(Bend Type #3) (Sheath Lg. 46") (Wire Lg. 1-1/4") Washer — Flat Control — Throttle (Bend Type #1)	1 .
	(Sheath Lg. 46") (Wire Lg. 1-1/4") Washer — Flat Control — Throttle (Bend Type #1)	1 .
	(Wire Lg. 1-1/4") Washer — Flat Control — Throttle (Bend Type #1)	1 .
	Washer — Flat Control — Throttle (Bend Type #1)	1 .
	Control — Throttle (Bend Type #1)	2
6-6000	(Bend Type #1)	
	4 10 200	
	(Sheath Lg. 30")	
- 1		
- 1	(Wire Lg. 2-1/8")	1
18-465	Clip — Cable (Double)	1
290-255	Pin — Cotter Hair	2
6-8010	Cable — Brake	1
210-250	Capscrew	1
7-9424	Screw — Handle	2
296-47	Nut — Lock	2
9-2750	Pin — Handle	2
6-8080	Guide — Rope	1
6-6433	Screw — Handle	1
	290-255 6-8010 210-250 7-9424 296-47 9-2750 6-8080	290-255

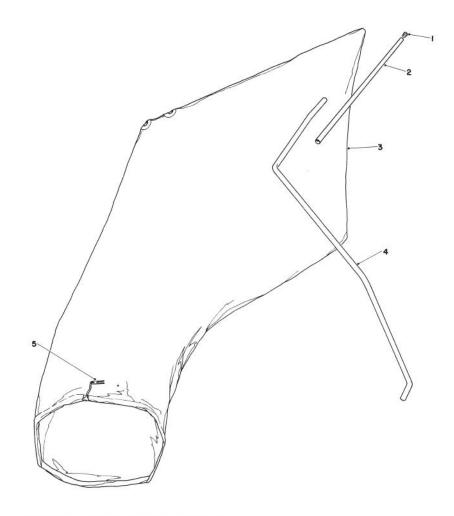
^{*} Not Illustrated † Service Replacement Part 6



BAGGING KIT NO. 47-6510 (Optional)

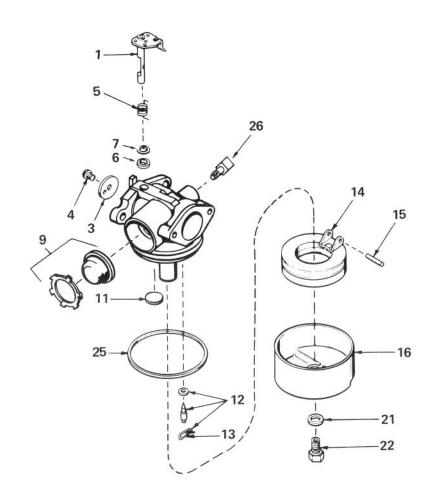
Ref. No.	Part No.	Description	No. Used
1	6-0929	Grass Bag	1
1 2 3	47-5830	Bag Rod	1
3	6-1089	Grass Chute (Incl. Ref. #4 & 6)	1

Ref. No.	Part No.	Description	No. Used
4	3295-26	Rivet	2
5	36-5230	Decal — Bag Chute	1
6	20-4650	Handle Chute	1



GIANT BAGGING KIT NO. 29-9750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	2410-29	Сар	1
2	29-7000	Tube 25"	1
3	8-4719	Bag (Incl. Ref. #5)	1

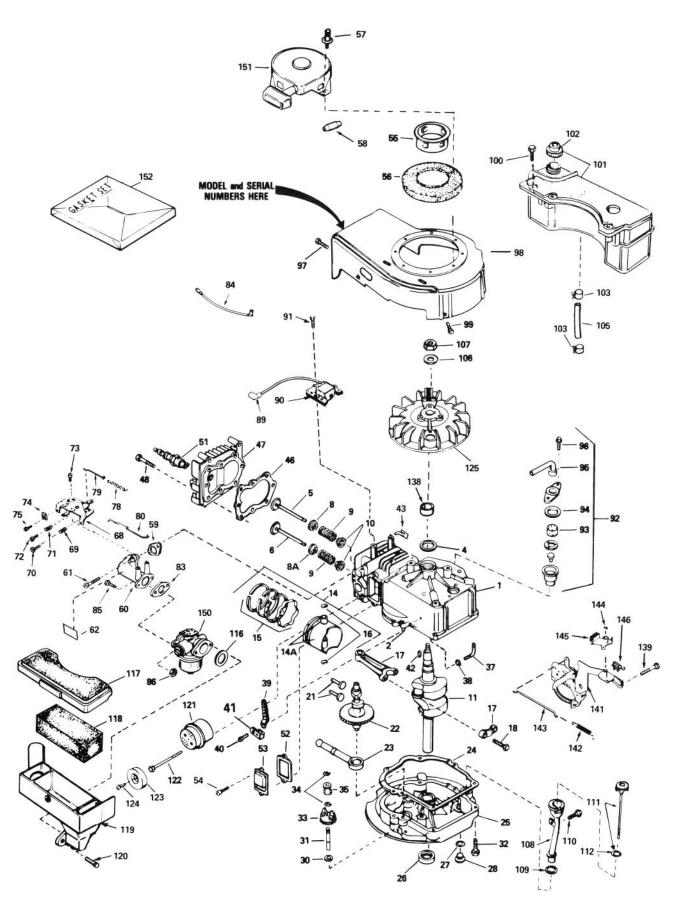


CARBURETOR NO. 632098

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

Part No.	Description	No. Used
631022	Clip — Inlet Needle	1
632019	Float — Carburetor	1
631024	Shaft — Float	1
631700	Bowl — Float	1
631334	Gasket — Bowl-To-Body	1
631937	Nut — Float Bowl	1
631028	Gasket — Bowl-To-Body	1
631807	Fitting — Fuel Inlet	1
	631022 632019 631024 631700 631334 631937 631028	631022 Clip — Inlet Needle 632019 Float — Carburetor 631024 Shaft — Float 631700 Bowl — Float 631334 Gasket — Bowl-To-Body 631937 Nut — Float Bowl 631028 Gasket — Bowl-To-Body

ENGINE TECUMSEH MODEL NO. TVS100-44001 (used on units with serial no. 7000001-7001847)

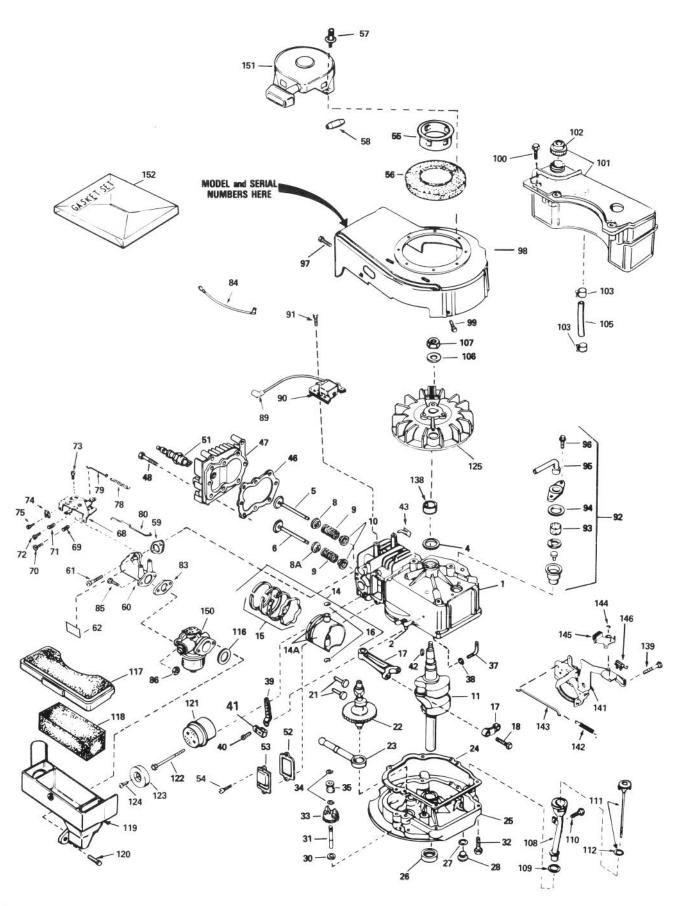


ENGINE TECUMSEH MODEL NO. TVS100-44001 (used on units with serial no. 7000001-7001847)

Ref. No.	Part No.	Description	No. Used
1	35010	Cylinder Assembly	
		(Incl. Ref. #2 & 4)	1
2	26727	Pin — Dowel	1
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. No. 10)	1
8	35390	Seal Assembly — Intake Valve	1
8A	31671	Cap — Upper Valve Spring	
OA	31071	(Exhaust)	1
0	21672	Spring — Valve	2
9	31672 31673	Cap — Lower Valve Spring	2
10			1
11	34440	Crankshaft	118
14	34851	Piston — Pin & Ring Assy. (Std.)	4
	0000000 00000 FF 85	(Incl. Ref. #14A, 15 & 16)	1
14	34852	Piston — Pin & Ring Assembly	
	9	(.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.)	
. IN ARREST		(Incl. Ref. #16)	1
14A	32604B	Piston & Pin Assembly (.010	
		oversize) (Incl. Ref. #16)	1
14A	32605B	Piston & Pin Assembly (.020	
147	320005	oversize) (Incl. Ref. #16)	1
15	34854	Ring Set — Piston (Std.)	1
15	34855	Ring Set — Piston	
15	34655	(.010 oversize)	1
4.5	04050	Ring Set — Piston	
15	34856	V 1777	1
more		(.020 oversize)	2
16	20381	Ring — Piston Pin Retaining	2
17	30963B	Rod Assembly — Connecting	
		(Incl. Ref. #18)	1
18	32610A	Screw — Connecting Rod	2 2
21	27241	Lifter — Valve	2
22	33553	Camshaft (Mechanical	253
		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	30590A 30574	Shaft — Mechanical Governor	1
32	650488	Screw — Hex Hd.	6
32	050400	JOI GW TION TIO.	1

Ref. No.	Part No.	Description	No. Used
33	30591	Gear Assembly — Governor	
(3.5%)	100.00000000000000000000000000000000000	(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			1
	31335	Clamp — Governor Lever	
42	611.004	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	33003	Pop Rivet	
57		(Can be purchased locally)	1
EO	24005		1
58	34985	Rope Stop & Staple Assembly	223
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	is.
		(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.	
	1	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
	500 MM 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Screw — Hex Hd.	
85	6201		2 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
			1 89
94	*33735	Gasket — Breather	1

ENGINE TECUMSEH MODEL NO. TVS100-44001 (Continued) (used on units with serial no. 7000001-7001847)

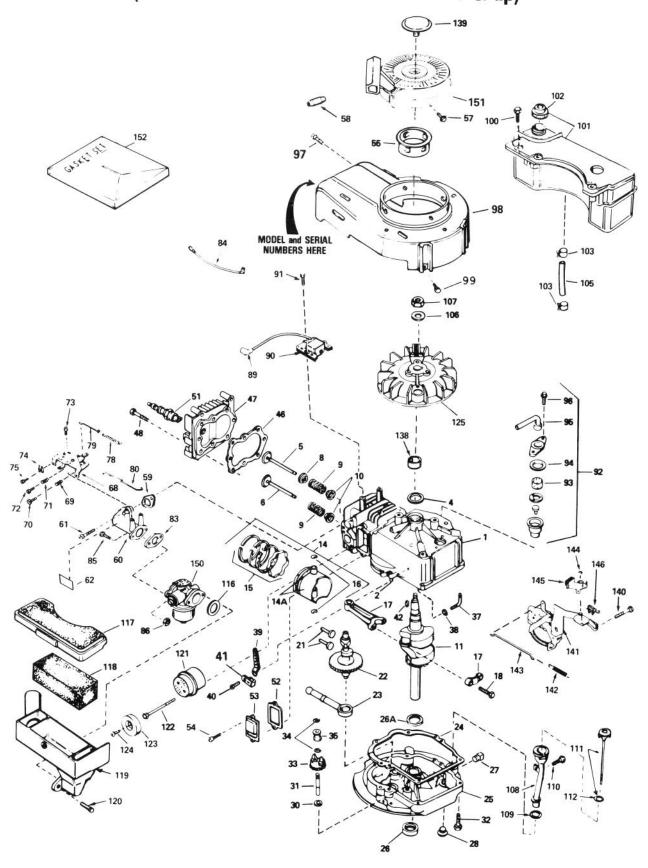


ENGINE TECUMSEH MODEL NO. TVS100-44001 (Continued) (used on units with serial no. 7000001-7001847)

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	8
tensuson		(Incl. Ref. #102)	1
102	33032	Cap — Fuel Tank Clamp — Fuel Line	1 2
103 105	26460 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. Dipstick — Oil (Incl. Ref. #112)	1
111 112	34281 33590	"O" Ring	1
116	*34338	Gasket — Air Cleaner	1
117	34341	Cover — Air Cleaner	1

118	119 120 121 122 123 124 125 138 139 141	34858 650806 27181B 650795 32431 650643 611046A 34080 650839 35015 34965	Body — Air Cleaner Screw — Hex Washer Hd. Shoulder Muffler (Incl. Ref. #122) Screw — Hex Hd. Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 2 1 2 1 1 1
119 34858 Body — Air Cleaner 1 120 650806 Screw — Hex Washer Hd. 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	119 120 121 122 123 124 125 138 139 141	650806 27181B 650795 32431 650643 611046A 34080 650839 35015 34965	Screw — Hex Washer Hd. Shoulder Muffler (Incl. Ref. #122) Screw — Hex Hd. Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	2 1 2 1 1 1
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	121 122 123 124 125 138 139 141	27181B 650795 32431 650643 611046A 34080 650839 35015 34965	Shoulder Muffler (Incl. Ref. #122) Screw — Hex Hd. Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 2 1 1 1
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	122 123 124 125 138 139 141	650795 32431 650643 611046A 34080 650839 35015 34965	Muffler (Incl. Ref. #122) Screw — Hex Hd. Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 2 1 1 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	122 123 124 125 138 139 141	650795 32431 650643 611046A 34080 650839 35015 34965	Screw — Hex Hd. Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	2 1 1 1 1
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	123 124 125 138 139 141	32431 650643 611046A 34080 650839 35015 34965	Cover — Muffler Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 1 1 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	124 125 138 139 141	650643 611046A 34080 650839 35015 34965	Screw — Pan Hd. Self-Tap. Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 1 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	125 138 139 141	611046A 34080 650839 35015 34965	Flywheel Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	1 1 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	138 139 141	34080 650839 35015 34965	Spacer — Flywheel Key Screw — Hex Hd. Self-Tap.	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	139 141	650839 35015 34965	Screw — Hex Hd. Self-Tap.	
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	141	35015 34965		2
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		34965	Bracket Assembly — Brake	
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	142			
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				
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	143	34966		
146 610973 Terminal Assembly 1 150 632098 Carburetor (Inc. Ref. #83) 1 151 590420A Starter — Rewind 1 152 33238C Gasket Set	144	32309		
150 632098 Carburetor (Inc. Ref. #83) 1 151 590420A Starter — Rewind 1 152 33238C Gasket Set	145	34968	Lever — Brake	
151	146	610973	Terminal Assembly	
152 33238C Gasket Set	150	632098		
	151	590420A	Starter — Rewind	1
(Incl. Items Marked *) 1	152	33238C		1
			(Incl. Items Marked *)	1

ENGINE TECUMSEH MODEL NO. TVS100-44012A (used on units with serial no. 7001848 & up)

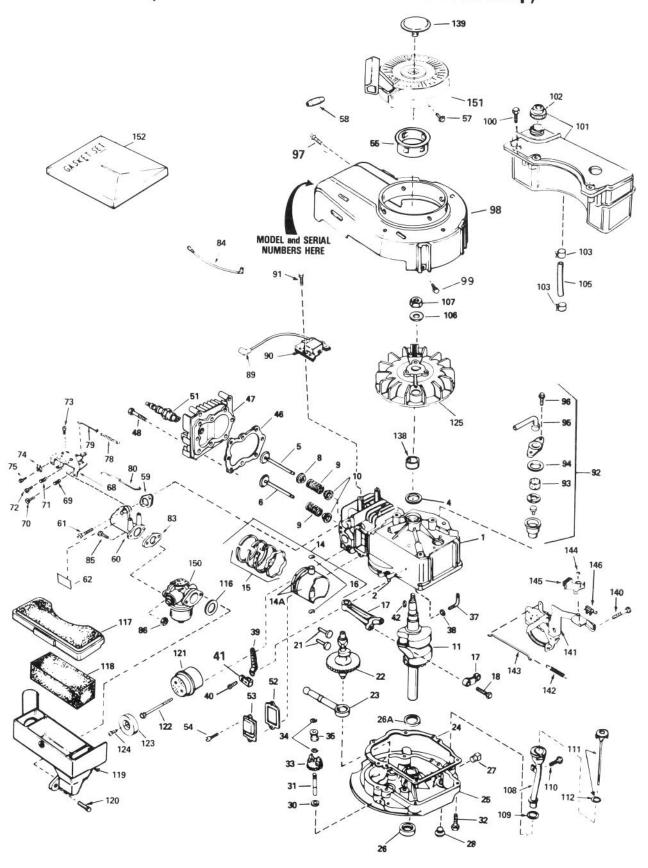


ENGINE TECUMSEH MODEL NO. TVS100-44012A (used on units with serial no. 7001848 & up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No Use
	35010	Cylinder Assembly		34	29193	Ring — Retaining	2
	555.5	(Incl. Ref. #2 & 4)	1	35	30588A	Spool — Governor	1
	26727	Pin — Dowel	2	37	30589	Rod — Governor (Incl. Ref. #38)	1
	32600	Seal — Oil	1	38	28277	Washer — Flat	1
100	29314B	Valve — Intake (Std.)		39	31383A	Lever — Governor	1
	233140	(Incl. Ref. #10)	1	40	650548	Screw — Hex Washer Hd.	- 11
.	29315C	Valve — Intake (1/32" oversize)		41	31335	Clamp — Governor Lever	1
5	293150	(Incl. Ref. #10)	1	42	611004	Key — Flywheel (Solid State)	1
	000100	Valve — Exhaust (Std.)	•	46	*33015	Gasket — Cylinder Head	1
3	29313C	(Incl. Ref. #10)	1	47	34342	Head — Cylinder	
		Valve — Exhaust (1/32"	. 1	48	6021A	Screw — Hex Flange Hd.	
5	29315C		1	51	35078	Plug — Spark (Autolite 458,	
		oversize) (Incl. Ref. #10)	- 83 H	31	33070	Champion J-19LM or	
3	35390	Seal Assembly — Intake Valve	1			equivalent)	
9	31672	Spring — Valve	2		*07004	Gasket — Breather	
10	31673	Cap — Lower Valve Spring	2	52	*27234		
11	35482	Crankshaft	1	53	32755	Cover — Valve Spring	
14	34851	Piston — Pin & Ring Assy. (Std.)		54	650128	Screw — Fil. Hd.	1
		(Incl. Ref. #14A, 15 & 16)	1	55	35000	Hub — Starter	
14	34852	Piston — Pin & Ring Assembly		57	650884	Screw — Hex Washer Hd.	
		(.010 oversize)		58	34985	Rope Stop & Staple Assembly	
		(Incl. Ref. #14A, 15 & 16)	1	59	*34690	Gasket — Intake Pipe	
14	34853	Piston — Pin & Ring Assembly		60	31384A	Pipe — Intake (Incl. Ref. #59)	
1.00	0.000	(.020 oversize)		61	650451	Screw — Hex Hd.	
		(Incl. Ref. #14A, 15 & 16)	1	62	34144	Decal — Primer	
14A	32603B	Piston & Pin Assembly (Std.)		68	33131A	Control Assy. — Remote Speed	
144	320030	(Incl. Ref. #16)	1			(Incl. Ref. #69 thru 72)	
4.4.4	22604B	Piston & Pin Assembly (.010		69	33802	Spring — Compression	
14A	32604B	oversize) (Incl. Ref. #16)	1	70	650777	Screw — Fil. Hd.	
	000050	Piston & Pin Assembly (.020		71	31342	Spring — Compression	
14A	32605B	oversize) (Incl. Ref. #16)	1	72	650549	Screw — Fil. Hd.	
			1	73	30200	Screw — Hex Washer Hd.	
15	34854	Ring Set — Piston (Std.)	1 "	/3	00200	Self-Tap.	
15	34855	Ring Set — Piston	1	74	27793	Clip — Conduit	
		(.010 oversize)	1	1 1 2 2 2 2 2 2	28942	Screw — Hex Washer Hd.	
15	34856	Ring Set — Piston		75		Spring — Governor	
		(.020 oversize)	1	78	31361		
16	20381	Ring — Piston Pin Retaining	2	79	34337	Link — Governor Spring	
17	30963B	Rod Assembly — Connecting		80	34336	Link — Governor-to-Throttle	
		(Incl. Ref. #18)	1	83	*26756	Gasket — Carburetor	
18	32610A	Screw — Connecting Rod	2	84	34961	Wire — Ground	
21	27241	Lifter — Valve	2	85	6201	Screw — Hex Hd.	
22	33553	Camshaft (Mechanical		86	29752	Nut & Lockwasher	
	(#.#.#.a.a.a.a	Compression Release)	1	89	610118	Cover — Spark Plug	
23	29914	Pump Assembly — Oil	1	90	34443A	Solid State Assembly	
24	*35261	Gasket — Mounting Flange	1	91	650814	Screw — Hex Hd.	
25	34311B	Flange Assembly — Mounting		92	34214A	Breather Assembly	
25	343118	(Incl. Ref. #26, 27, 28 & 31)	1			(Incl. Ref. #93 thru 96)	
26	27897	Seal — Oil	1	93	33734	Element — Breather	
26		Washer — Thrust	1	94	*33735	Gasket — Breather	
26A		Plug — Oil Drain	1	95	33886	Tube — Breather	
28	27244		1	96	30200	Screw — Hex Washer Hd.	
30	30590A		1		30200	Self-Tap.	
31	30574	Shaft — Mechanical Governor	6	97	30200	Screw — Hex Washer Hd.	
32	650488		0	37	30200	Self-Tap.	
33	30591	Gear Assembly — Governor	4	00	35484	Housing — Blower	
		(Incl. Ref. #30)	1	98	33404	Tiousing — Diowel	- [

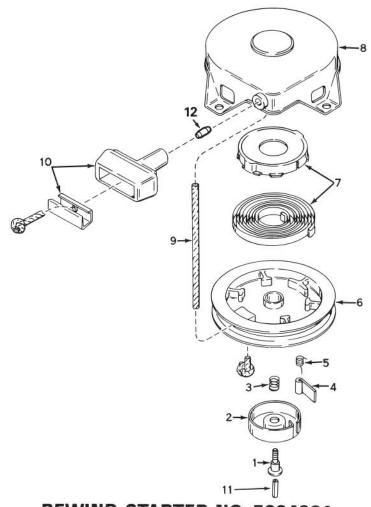
^{*}Indicates parts included in Gasket Set, Ref. #152.

ENGINE TECUMSEH MODEL NO. TVS100-44012A (used on units with serial no. 7001848 & up)



ENGINE TECUMSEH MODEL NO. TVS100-44012A (Continued) (used on units with serial no. 7001848 & up)

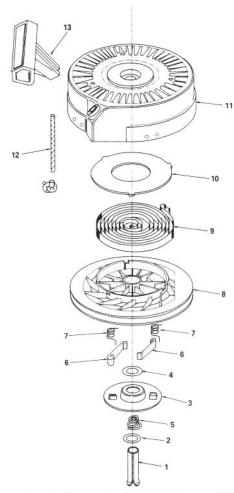
Ref. No.	Part No.	Description	No. Used	Ref. No.		Description	No. Use
9	650831	Screw — Hex Washer Hd.		121	27181B	Muffler (Incl. Ref. #122)	1
, ,	030001	Power Lok Thread	2	122		Screw — Hex Hd.	2
00	28763	Screw — Hex Washer Hd.	3	123		Cover — Muffler	1
	34476	Tank Assembly — Fuel		124		Screw — Pan Hd. Taptite	1
01	34476	(Incl. Ref. #102)	1	125		Flywheel	1
	00000	Cap — Fuel Tank	1	138		Spacer — Flywheel Key	1
02	33032		2	139		Plug — Starter	1
03	26460	Clamp — Fuel Line		140		Screw — Hex Hd. Self-Tap.	2
05	30705	Line — Fuel	1			100	
06	650815	Washer — Belleville	1	141		Bracket Assembly — Brake	1
07	650816	Nut — Flywheel	1	142		Spring — Extension	1
80	34264	Tube — Oil Fill	1	143		Link — Control	1
09	34265	Gasket — Oil Fill Tube	1	144		Ring — Retaining	1
10	650562	Screw — Hex Washer Hd.	1	145		Lever — Brake	1
11	34267	Dipstick — Oil (Incl. Ref. #112)	1	146		Terminal Assembly	1
12	33590	"O" Ring	1	150	632098	Carburetor (Inc. Ref. #83)	1
16	*34338	Gasket — Air Cleaner	1	151	590621	Starter — Rewind	1
17	34341A	Cover — Air Cleaner	1	152		Gasket Set	
18	34340	Element — Air Cleaner	1			(Incl. Items Marked *)	1
19	34858	Body — Air Cleaner	1			10	
		Screw — Hex Washer Hd.	'				
20	650806	Shoulder	2				
			1				
				1			
	1						
	1						
	1						
			49				
					1		
			1				
			1				
	1						
			1				
				1 1			



REWIND STARTER NO. 590420A (used on units with serial no. 7000001-7001847)

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	1
		(Not used on all models)	1
	70		



REWIND STARTER NO. 590621 (used on units with serial no. 7001848 & up)

590599 590600 590615	Pin — Spring Washer	1
	Washer	
590615	***************************************	1
	Retainer	1 1 1 2
590601	Washer	1
590598	Spring — Brake	1
590616	Dog — Starter	2
590617	Spring — Dog	2

Ref. No.	Part No.	Description	No. Used
8	590618	Pulley	1
9	590619	Spring — Rewind	1 1 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

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Mower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on the mower housing between the rear wheels. In any correspondence concerning the mower, 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:

- Model and serial numbers of the mower.
- Part number, description, and quantity of part(s) desired.

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

The Toro Fromise A Two Year Limited Warranty

Gasoline Powered Consumer Products

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

> Residential Product 2 Years Residential Products Used Commercially 45 Days

The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

- Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
- 2. He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
- 3. Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
- 4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department 8111 Lyndale Avenue South Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Service Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT. INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CON-NECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MAL-**FUNCTION OR NON-USE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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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