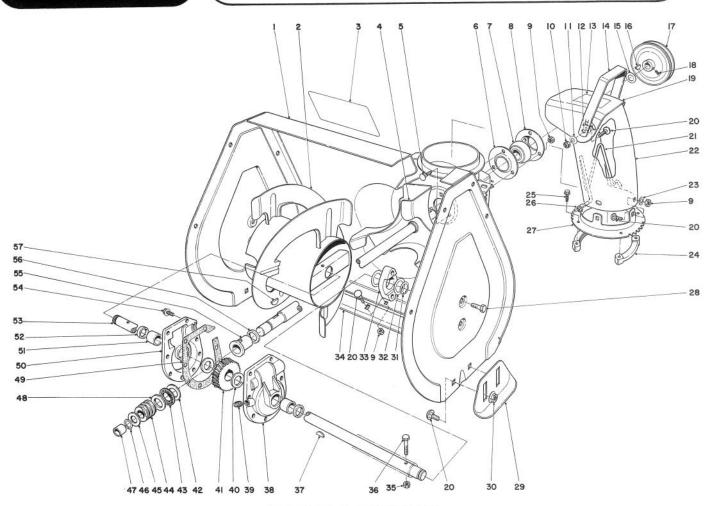


MODEL NO. 38052-5000001 & UP

PARTS CATALOG

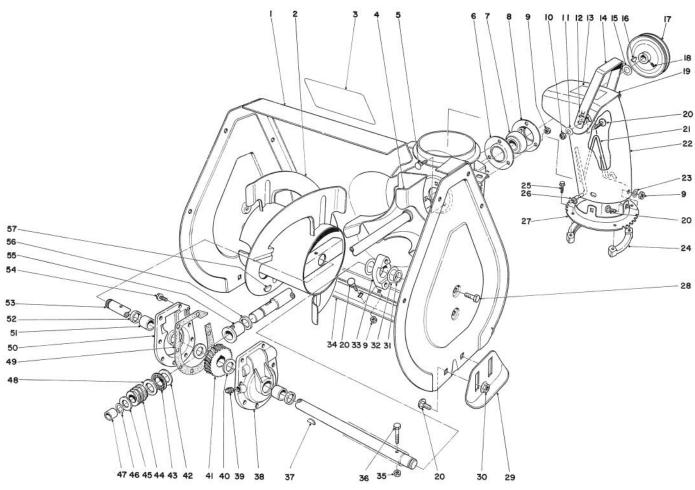
521 SNOWTHROWER



AUGER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43-7320	Auger Housing	1
2	39-1180	Auger R.H.	1
*	39-1190	Auger L.H.	1
3	29-6350	Decal - Auger Warning	1
4	37-6990	Shaft & Impeller	1
5	3230-10	Carriage Bolt	3
6	26-6110	Bearing Flange Front	1
7	26-6100	Ball Bearing	1
7 8	26-6120	Bearing Flange Rear	1
9	3296-29	Locknut	11
10	32152-1	Locknut	2
11	3290-340	Washer Belleville	2
12	20-4320	Washer Rubber	2
13	53-7660	Decal - Discharge	1
14	37-8930	Handle Deflector	1
15	3-0737	Washer	1

Ref. No.	Part No.	Description	No. Used
16	3257-5	Key	1
17	37-6890	Pulley	1
18	3242-4	Set Screw	2
19	11-9359	Deflector (Incl. Ref. #13)	1
20	3230-1	Carriage Bolt	14
21	53-7590	Wire - Chute	1
22	53-7600	Chute - Discharge	1
23	3256-23	Washer	3
24	37-6490	Retainer - Chute Ring	3
25	27-0220	Self Tapping Screw	6
26	3290-326	Push Nut	1
27	37-8940	Chute Ring	1
28	32144-11	Self Tapping Screw	4
29	40-8160	Skid	2
30	32128-20	Flange Nut	4
31	32151-36	Snap Ring	2

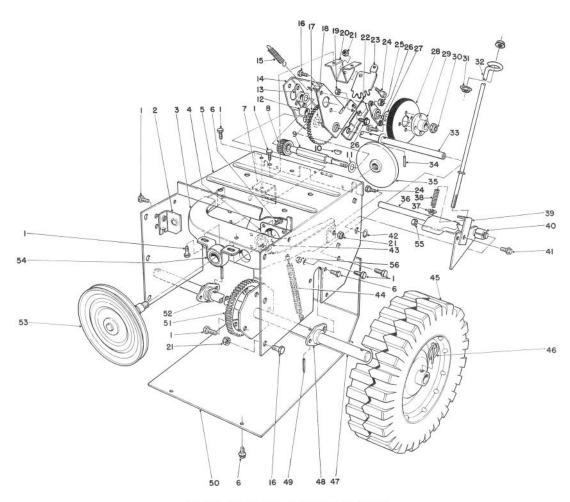


AUGER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	5-1550	Thrust Washer	4
33	37-6550	Auger Bearing	2
34	39-1550	Scraper Blade	1
35	32152-4	Locknut	2
36	321-10	Capscrew	2
37	3257-33	Woodruff Key	1
38	37-8860	Gear Case L.H.	
		(Incl. Ref. #51 & 52)	1
39	281-1	Pipe Plug	1
40	252-71	Thrust Bearing	2
41	23-9050	Gear	1
42	257-3	Thrust Washer	1
43	252-76	Needle Thrust Bearing	1
44	5-7170	Worm	1
45	3-8664	Washer	1
		90	

Ref. No.	Part No.	Description	No. Used
46	32120-72	Retaining Ring	1
47	256-32	Bushing	1
48	252-80	Thrust Washer	1
49	51-0460	Gasket	1
50	37-8850	Gear Case R.H. (Incl. Ref. #51 & 52)	1
51	256-237	Bushing	2
52	7-0045	Oil Seal	2
53	37-6800	Shaft — Auger	1
54	32144-41	Self Tapping Screw	8
55	37-6560	Bushing — Input	1
56	237-87	Seal	1
57	3257-23	Key — Woodruff	1
*	37-6960	Gear Case Assy. Complete	1

^{*}Not Illustrated

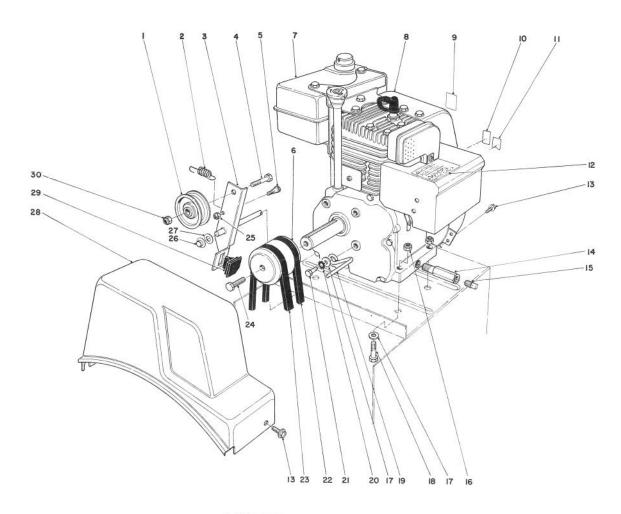


TRACTION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144-11	Hex Self Tapping Screw	12
2	37-9060	Mount — Clutch Rod Front	1
3	37-6740	Friction Plate Frame	1
4	37-6730	Cup — Bearing	1
1 2 3 4 5 6 7 8	37-8900	Traction Frame	1
6	12-3270	Hex Tapping Screw	12
7	37-9070	Mount - Clutch Rod Rear	1
8	37-6500	Sliding Gear	1
9	37-6780	Hex Shaft	1
10	3257-24	Key	
11	5-7570	Thrust Washer	2 1 2 1
12	256-86	Bushing	1
13	20-1620	Bearing — Friction Wheel	2
14	39-1230	Bracket — Sliding	1
15	37-8880	Spring — Traction Disengage	
16	322-2	Capscrew	10
17	37-9160	Intermediate Gear & Bushing	
		(Incl. Ref. #12)	1
18	10-9280	Thrust Washer	2
19	3296-16	Locknut	1
20	37-8790	Mount — Quadrant Gear	1
21	3296-29	Locknut	9
22	39-1250	Cam Receiver	1
23	37-8800	Quadrant Gear	1
24	37-8770	Shoulder Bolt	3
25	32152-1	Locknut	2 1 1 9 1 1 3 4 5 2
26	11-9760	Self Tapping Screw	5
27	36-4790	Thrust Washer	2
28	37-6570	Friction Wheel	1

Ref. No.	Part No.	Description	No. Used
29	39-1520	Hub — Friction Wheel Mount	1
30	3296-48	Locknut	1
31	32128-33	Flange Locknut	2
32	39-3060	Lower Traction Rod	1
33	37-6760	Shaft — Pivot	1
34	32121-45	Roll Pin	2
35	38-0800	Friction Plate	1
36	43-7310	Traction Engagement Assy.	1
37	32128-10		1
38	38-4520	Spring — Compression	1 1 1 1 1 1 1
39	38-4490	Bracket — Traction	1
40	40-9680	Spacer	1
41	40-8350	Shoulder Screw	1
42	32151-61	Retaining Ring	1
43	38-7820	Bearing	1
44	37-8870	Spring — Friction Plate Frame	1
45	38-1400	Wheel Assembly	2
46	3290-243	Pin — Klik	2
47	37-6970	Axle Shaft	1
48	37-6850	Axle Bearing	2
49	32121-31	Roll Pin	2
50	37-6830	Bottom Cover	1
51	37-6520	Axle Gear	1
52	3-8664	Thrust Washer	2
53	40-8190	Pulley & Shaft	1
54	38-4470	Bushing Assembly	1
55	3296-42	Nut — Lock	1
56	32111-8	Nut — Cap	1 2 2 1 2 2 1 1 2 1 1 1 1 1
*	37-7010	Tire Chain Kit (Optional)	
*	11-5529	Loose Parts	1

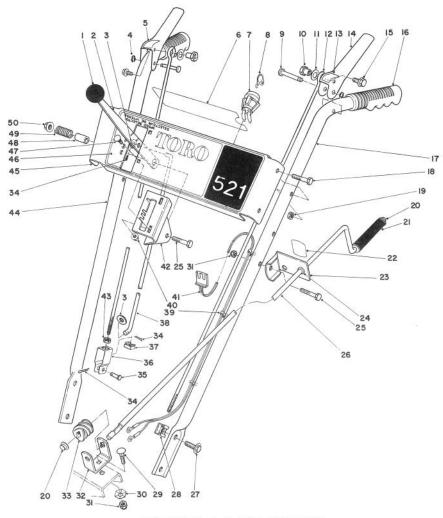
^{*}Not Illustrated



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3-4244	Idler Pulley	1
2	53-7570	Spring — Auger Disengage	1
3	8-8649	Auger Clutch (Incl. Ref. #29)	1
4	323-29	Capscrew	1
5	42-3560	Bolt — Shoulder	1
6	43-7370	Engine Pulley	1
7	52-2680	Gas Tank w/Cap	1
8	221-780	Engine	1
9	39-3860	Decal — Primer	1
10	37-8890	Decal — Throttle	1
11	39-3850	Decal — Choke	1
12	29-6390	Decal — Hot Surface Warning	1
13	12-3270	Self Tapping Screw	3
14	49-3040	Drain Tube	1
15	281-7	Pipe Plug	1

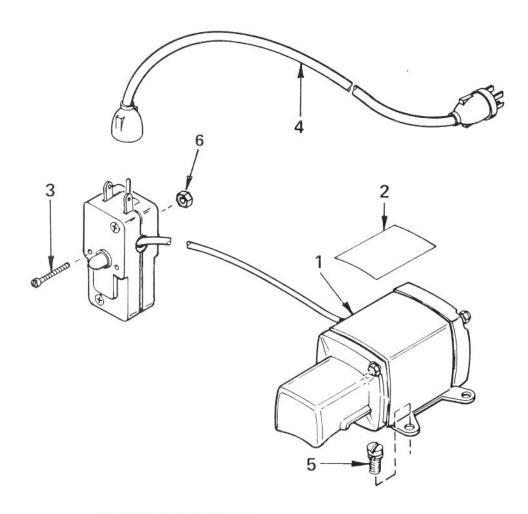
Ref. No.	Part No.	Description	No. Used
16	3296-29	Locknut	4
17	3256-23	Flat Washer	5
18	322-7	Capscrew	4
19	37-8990	Belt Retainer	1
20	3255-8	Lockwasher — External Tooth	1
21	3210-3	Capscrew	1
22	37-9090	V-Belt — Traction	1
23	37-9080	V-Belt — Auger	1
24	43-7290	Screw - Special	1
25	3296-42	Locknut	1
26	3290-320	Nut — Push On	1
27	3256-24	Flat Washer	1
28	37-6900	Belt Cover	1
29	40-8140	Molded Brake Assy.	1
30	32152-2	Locknut	1



HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-21	Knob	1
2	37-8820	Selector - Speed	1
3	3256-23	Washer	2 2
4	32151-73	Ring — Clip	2
5	52-5650	Decal — Auger Drive	1
6	37-9140	Decal — Escutcheon Back	1
7	40-5940	Switch - On-Off	1 1 1
8	33-2010	Key — Ignition	1
9	52-5600	Pin — Control Lever	2
10	47-4990	Post — Linkage Mounting	2 2 2
11	3256-24	Washer	2
12	52-5590	Link — Upper	2
13	52-5630	Decal — Wheel Drive	
14	52-5580	Handle - Control	2
15	3234-13	Screw — Hex Flange Hd.	2
16	37-9110	Grip — Handle	2
17	52-5570	Handle — Left	1
18	321-37	Screw — Hex Hd.	4
19	32152-4	Nut — Lock	4 2
20	3290-320	Nut — Push	2
21	40-8230	Grip — Rod	1
22	29-6370	Decal — Chute Direction	1
23	6-3069	Bracket — Chute Control (Incl. Ref. #22 & 24)	1
24	256-249	Nyliner	1
25	322-7	Screw — Hex Hd.	2

Ref. No.	Part No.	Description	No. Used
26	40-8270	Rod — Chute Control	1
27	3234-14	Screw - Hex Flange Hd.	4
28	3290-196	Nut - Retainer	4
29	3230-2	Bolt — Carriage	1
30	3290-238	Washer - Pyramidal	1
31	3296-29	Nut - Lock	2
32	40-8280	Bracket - Chute Worm	1
33	40-8250	Gear - Worm	1
34	3272-4	Pin — Cotter	3
35	283-3	Pin — Clevis	1
36	39-3080	Clevis	1
37	32115-5	Nut — Retainer	1
38	39-7570	Rod — Speed Selector	1
39	17-9120	Mount — Wire	3
40	32128-32	Nut - Flange Lock	2
41	43-7390	Wire Harness Assembly	
	IIAI essentia	(Incl. Ref. #39)	1
42	39-1280	Mount — Speed Selector	1
43	3218-1	Nut — Jam	1
44	52-5560	Handle — Right	1 1 1
45	43-7360	Panel — Escutcheon	1
46	53-7640	Decal — 521	
47	3229-22	Bolt — Carriage	2
48	40-8130	Spacer — Speed Selector	1
49	37-9150	Spring	2 1 1
50	32128-13	Nut - Flange Lock	1

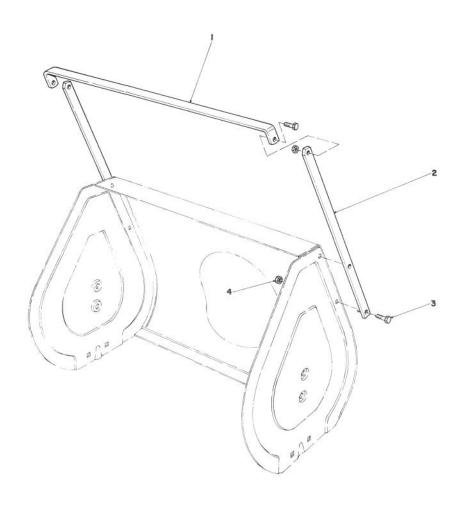


STARTER MOTOR KIT MODEL 23-3790

Ref. No.	Part No.	Description	No. Used
1†	33517A	Motor — Cranking (CSA	
		Approved (Incl. Ref. #2 thru 6)	1
2†	34161	Decal	1 2
3†	650741	Screw — Hex Hd. Self Tap	2
- 1			
- 1			

Ref. No.	Part No.	Description	No. Used
4†	32450A	Cord — Extension	1
5†	650759	Screw — Hex Washer Hd.	3
6†	650742	Nut & Lockwasher	2

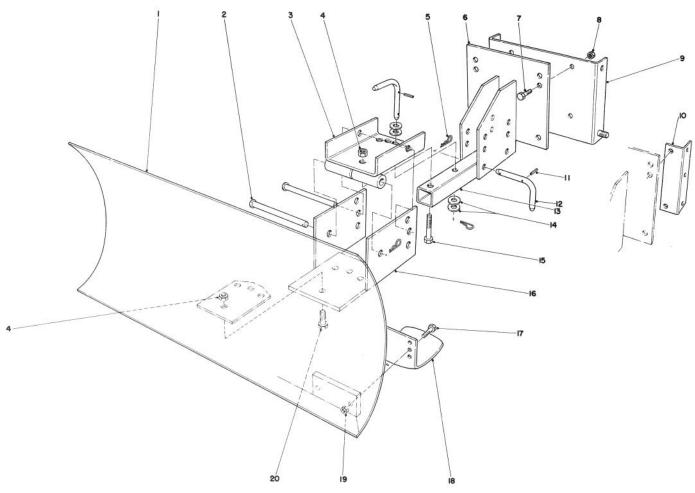
[†] Note: Obtain individual replacement parts from your local Tecumseh Dealer.



DRIFT BREAKER KIT NO. 37-7020 (Optional)

Part No.	Description	Used
38-0760 38-0750	Drift Breaker — Top Drift Breaker — Side	1 2

Ref. No. Part No.	Description	No. Used
3 322-4 4 3296-29	Capscrew Locknut	6 6

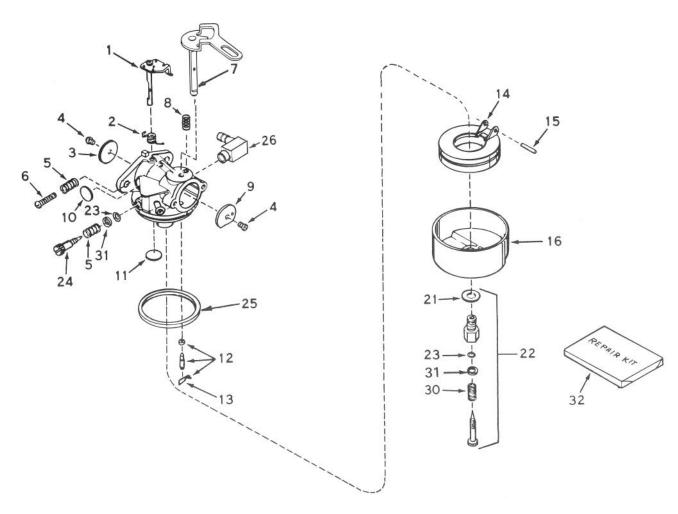


GRADER BLADE ASSEMBLY MODEL 59099 (Optional)

Part No.	Description	No. Used
7-4374	Blade	1
283-38	Clevis Pin	2
20-5090	Swivel Bracket	1
32152-3	Locknut	5
3290-322	Hairpin Cotter	5
20-5170	Mounting Plate	1
323-6	Capscrew	4
32152-2	Locknut	4
22-4920 39-7850	Mounting Plate Bracket (Used with 826 and 1132 only) Mounting Rail (Used with	1
	3521, 421 & 521 Units only)	2
	7-4374 283-38 20-5090 32152-3 3290-322 20-5170 323-6 32152-2	7-4374 Blade 283-38 Clevis Pin 20-5090 Swivel Bracket 32152-3 Locknut 3290-322 Hairpin Cotter 20-5170 Mounting Plate 323-6 Capscrew 32152-2 Locknut Mounting Plate Bracket (Used with 826 and 1132 only) 39-7850 Mounting Rail (Used with

Ref. No.	Part No.	Description	No. Used
11	32121-45	Roll Pin	3
12	20-5210	Pivot Pin (Incl. Ref. #11)	3
13	20-5140	Tongue Blade	1
14	3256-5	Flat Washer	1 4
15	325-11	Capscrew	1
16	20-5130	Blade Adjustment	1
17	322-6	Capscrew	4
18	7-1023	Skid	2
19	32152-1	Locknut	4
20	325-5	Capscrew	4
*	20-9950	Air Cleaner Kit (Tecumseh)	1

^{*}Not Illustrated



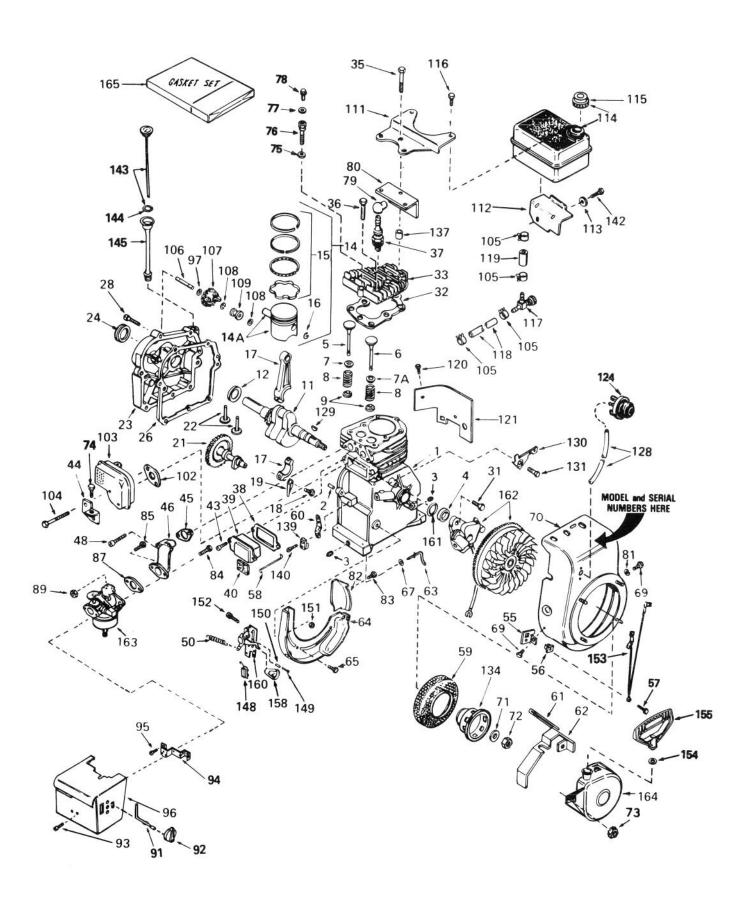
CARBURETOR NO. 632107

Part No.	Description	No. Used
631615	Shaft & Lever Assy. — Throttle	1
632016	Spring — Throttle Return	1
631036	Shutter — Throttle	1
650506	Screw	2
630766	Spring — Idle Regulating Screw	2
650417	Screw — Idle Regulating	1
632108	Shaft & Lever Assy. — Choke	1
630735	Spring — Choke Stop	1
631815	Shutter — Choke	1
*630748	Plug — Welch	1
*631027	Plug — Welch	1
*631021	Inlet Needle, Seat & Clip Assy.	
0.032.01-01-01	(Incl. Ref. #13)	1
631022	Clip — Inlet Needle	1
632019	Float — Carburetor	1
	631615 632016 631036 650506 630766 650417 632108 630735 631815 *630748 *631027 *631021	631615 Shaft & Lever Assy. — Throttle 632016 Spring — Throttle Return 631036 Shutter — Throttle 650506 Screw 630766 Spring — Idle Regulating Screw 650417 Screw — Idle Regulating 632108 Shaft & Lever Assy. — Choke 630735 Spring — Choke Stop 631815 Shutter — Choke *630748 Plug — Welch *631027 Plug — Welch *631021 Inlet Needle, Seat & Clip Assy. (Incl. Ref. #13) 631022 Clip — Inlet Needle

Part No.	Description	No. Used
*631024	Shaft — Float	1
631867	Bowl — Float	1
27110	Gasket — Bowl-to-Body	1
*31839	Adjustment Screw Assy. — Main	
	(Incl. Ref. #21, 23, 30 & 31)	1
*630740	"O" Ring — Adjustment Screw	2
*631078	Screw — Idle Adjustment	1
*631028	Gasket - Bowl-to-Body	1
631807	Fitting — Fuel Inlet	1
630738	Spring — Main Adjustment	
	Screw	1
630739	Washer — Flat	2
31840	Repair Kit	1
	*631024 631867 27110 *31839 *630740 *631078 *631028 631807 630738	*631024 Shaft — Float 631867 Bowl — Float 27110 Gasket — Bowl-to-Body *31839 Adjustment Screw Assy. — Main (Incl. Ref. #21, 23, 30 & 31) *630740 "O" Ring — Adjustment Screw 631078 Screw — Idle Adjustment *631028 Gasket — Bowl-to-Body 631807 Fitting — Fuel Inlet 630738 Spring — Main Adjustment Screw 630739 Washer — Flat

^{*}Items Included in Repair Kit Ref. #32.

ENGINE TECUMSEH MODEL HS50-67246E



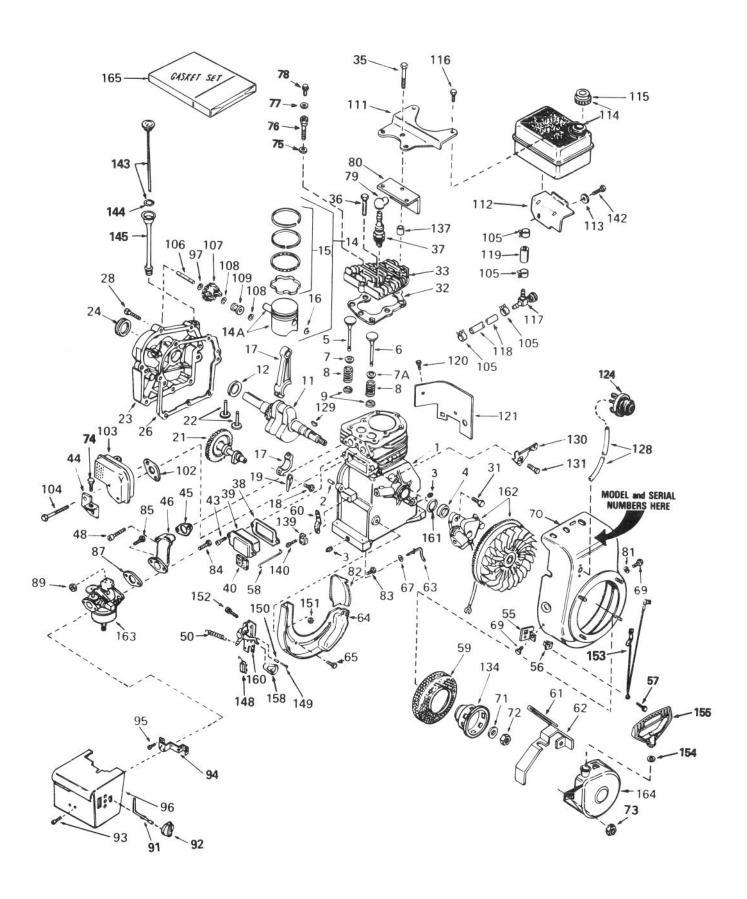
ENGINE TECUMSEH MODEL HS50-67246E

Ref. No.	Part No.	Description	No. Used	Re No		Part No.	Description	Us
1	33674	Cylinder Assy.		33	;	33016	Head — Cylinder	1
.		(Incl. Ref. #2, 3 & 4)	1	35	i (650694A	Screw — Hex Flange Hd.	5
2	26727	Pin — Dowel	2	36	6 (6021A	Screw — Hex Flange Hd.	1
3	27642	Plug - Sq. Hd. (Oil Drain)	2	37	' ;	33636	Plug — Spark (Champion J-8 or	
4	32600	Seal — Oil	1				Equivalent) Except for Canada	
5	32644A	Valve — Intake (Std.)		37		34251	Resistor Spark Plug (Canadian	
٠	9-9,1,1,1	(Incl. Ref. #9)	1				Regulations Require RJ-17LM	
5	32645A	Valve — Intake (1/32" oversize)					Resistor Spark Plug)	
~	5_0.07.	(Incl. Ref. #9)	1	38	3 9	*31619	Gasket - Breather	
6	29313C	Valve — Exhaust (Std.)		39)	31337	Breather Assy.	
		(Incl. Ref. #9)	1				(Incl. Ref. #38 & 40)	
6	29315C	Valve - Exhaust (1/32"		40)	31410	Element — Breather	
0	200.00	oversize) (Incl. Ref. #9)	1	43	3	650128	Screw — Fil. Hd.	
7	31671	Cap — Upper Valve Spring		44	1	33333	Bracket — Carburetor Cover	
,	01071	(Intake)	1	45	5	*33673	Gasket - Intake	
7A	33678	Cap — Upper Valve Spring		46	3	33691	Pipe — Intake	
17	33070	(Exhaust)	1	48	3	650664	Screw — Fil. Hd.	
0	31672	Spring — Valve	2	50		31426	Spring — Extension	
8	31673	Cap — Lower Valve Spring	2	55	5	34126	Bracket — Grommet Mounting	
\$18.c	34740	Crankshaft Assy.	1	56	200	28545	Grommet - Plastic	
11	32323	Washer — Thrust	1	57	200	650643	Screw — Pan Hd. Self-Tap	
12		Piston — Pin & Ring Assy. (Std.)		58		32698	Link — Governor-to-Throttle	
14	34535	(Incl. Ref. #14A, 15 & 16)	1	59		33668	Screen — Starter Cup	
4.4	04506	Piston — Pin & Ring Assy.	'	60		31510	Lever — Governor	
14	34536			6		32576	Seal — Snow Guard	
		(.010 oversize)	1	6		34127	Guard — Starter	
	0.4507	(Incl. Ref. #14A, 15 & 16)	'	6:	5.02	31334	Rod — Governor	
14	34537	Piston — Pin & Ring Assy.		6	70	†33342	Baffle — Blower Housing	
		(.020 oversize)	1	6:		650561	Screw — Hex Washer Hd.	
10000120		(Incl. Ref. #14A, 15 & 16)	'	6	200	28277	Washer — Flat	
14A	33562B	Piston & Pin Assy. (Std.)		6:	Sec. 11	29212	Screw — Hex Hd.	
		(Incl. Ref. #16)	1	7		34813	Housing — Blower	
14A	33563B	Piston & Pin Assy.				650815	Washer — Belleville	
		(.010 oversize) (Incl. Ref. #16)	1	7	30	650816	Nut — Flywheel	
14A	33564B	Piston & Pin Assy.		1 933	333		Nut & Lockwasher	
		(.020 oversize) (Incl. Ref. #16)	1	7	200	29752	Screw — Hex Hd.	
15	33567	Ring Set — Piston (Std.)	1	7	100	650735		
15	33568	Ring Set — Piston		7	100	650691	Washer — Flat	
		(.010 oversize)	1	7	100	650818	Screw — Special Hex Hd.	
15	33569	Ring Set — Piston		7	22 H	8345	Washer — Flat	
		(.020 oversize)	1	7	333	30688	Screw — Hex Hd.	
16	20381	Ring — Piston Pin Retaining	2	7		610118	Cover — Spark Plug	
17	33661	Rod Assy. — Connecting		1 22	0	33344	Baffle — Heat	
		(Incl. Ref. #18 & 19)	1	8	203	650168	Washer — Flat	
18	32610A	Screw — Connecting Rod	2	1 68	2	33341	Extension — Baffle	
19	32654	Dipper — Oil	1	8	3	650701	Screw — Hex Washer Hd.	
21	33158	Camshaft					Self-Tapping	
		(Compression Release)	1	1 1 2	4	6201	Screw — Hex Hd.	
22	27241	Lifter — Valve	2	1	35	650601	Screw — Fil. Hd.	
23	34674	Cover — Cylinder			37	*26756	Gasket — Carburetor	
	ouncare-de 15	(Incl. Ref. # 24 & 106)	1	1 1 2	19	29752	Nut & Lockwasher	
24	27897	Seal — Oil	1	9	1	34582	Rod — Choke	
26	*27677	Gasket - Cylinder Cover	1	9	2	34585	Knob — Control	
28	650488	Screw — Hex Hd.	7	9	93	650257	Screw — Pan Hd.	
31	650489	Screw — Hex Hd.	2	9	94	34583	Bracket — Choke	
32	*33554	Gasket - Cylinder Head	1		95	28820	Screw — Fil. Hd.	- 1

^{*}Indicates parts included in Gasket Set, Ref. #165.

[†]In original production, the speed control assembly is riveted to the blower housing baffle. Replacement speed control assembly includes screws and nuts for mounting. Replacement baffle has threaded holes.

ENGINE TECUMSEH MODEL HS50-67246E (Continued)

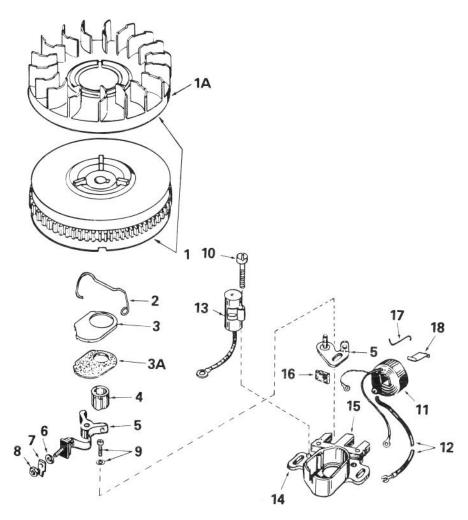


ENGINE TECUMSEH MODEL HS50-67246E (Continued)

Ref. No.	Part No.	Description	No. Used		Ref. No.	Part No.	Description	No. Used
96	35072	Cover — Carburetor	1		134	34694	Cup — Starter	1
97	30590A	Washer — Flat	1		137	28212	Spacer - Tank Bracket	2
102	*33670	Gasket — Muffler	1		139	31335	Clamp — Governor Lever	1
	33697A	Muffler	1		140	650548	Screw - Hex Washer Hd.	1
03	650327	Screw — Fil. Hd.	2		142	650805	Screw - Hex Hd. w/Belleville	
04	26460	Clamp — Fuel Line	4				Washer	1
	30574	Shaft, Mechanical Governor	1		143	34676	Dipstick - Oil (Incl. Ref. #144)	1
06		Gear Assy. — Governor			144	33590	O-Ring	1
107	30591	(Incl. Ref. #97)	1		145	33893A	Tube — Oil Fill	1
	00100	Ring — Retaining	2		148	610973	Terminal Assy.	1
80	29193	Spool — Governor	1		149	650549	Screw — Fil. Hd.	1
109	30588A	Bracket — Fuel Tank Mounting	1		150	31342	Spring — Compression	1
11	28371B	Bracket — Fuel Tank Mounting	1		151	†30322	Locknut — Hex "Keps"	2
12	34182		1		152	†650139	Screw — Fil. Hd.	2
113	650675	Washer — Flat	'		153	34241	Wire — Ground	1
14	34711	Tank Assy. — Fuel	1		154	27261	Washer	1
		(Incl. Ref. #115)	1		155	590574	Handle — Mitten Grip Starter	1
115	34210	Cap — Fuel Tank	1 '		158	32410	Knob — Speed Control	1
116	650665	Screw — Hex Washer Hd.			160	†33858A	Bracket Assy. — Control	1
		Self Tap	2		100	33636A	(Incl. Ref. #148 thru 152)	1
117	32961	Valve — Fuel Shut-Off			161	33876	Gasket — Stator	1
118	30705	Line — Fuel	1		161	611030	Magneto (The complete	
119	29774	Line — Fuel	1		162	611030	magneto in not available as an	
120	650128	Screw — Fil. Hd.	1					
121	29745	Extension — Blower Housing	1				assembly. The magneto number is shown for reference	
124	34814	Primer Assy.	1					
128	32180C	Line — Primer	1				purposes only. Order	1
129	610961	Key — Flywheel	1		1		component parts individually,	1 4
130	34212	Bracket — Hold Down	1				as shown in parts list.)	1
131	30200	Screw — Hex Washer Hd.			163	632107	Carburetor (Incl. Ref. #87)	1
		Self Tap	1		164	590576	Starter Assy. — Rewind	1
				1	165	33683	Gasket Set	1
				1				
		_						
	1							
						1		
								1
	1	1	1		1	1	1	

^{*}Indicates parts included in Gasket Set, Ref. #165.

[†] In original production, the speed control assembly is riveted to the blower housing baffle. Replacement speed control assembly includes screws and nuts for mounting. Replacement baffle has threaded holes.



MAGNETO NO. 611030

No.

Used

1

1

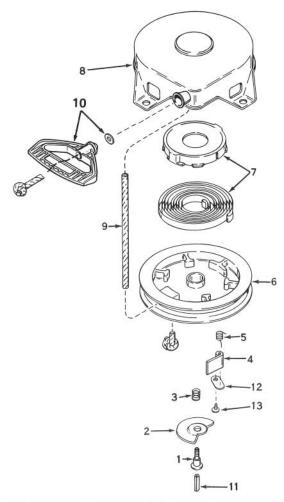
1

1

1

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description
	Part No. 611029 610933 30551 610947 610955 30992 30547A 610385 33356 610408	Plywheel (Incl. Ref. #1A) Fan — Blower Spring — Breaker Box Dust Cover Cover — Dust Gasket — Dust Cover Cam — Breaker Contact Assembly — Breaker Washer — Terminal Tab — Ground Terminal Nut — Terminal	000000000000000000000000000000000000000	20000000	Part No. 29181 610593 30560A 30554 30548B 30545 30561B 30549 31311	Description Screw & Washer — Breaker Screw — Condenser Coil Assy. (Incl. Ref. #12) Wire — Lead Condenser Core & Plate Stator Assy. (Incl. Ref. #2, 3, 3A, 5 thru 14, 16 & 17) Felt — Cam Wiper Clip — Coil Locking

^{*}The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually as shown in part list.



REWIND STARTER NO. 590576

Ref. No. Part No.						
1	590409A	Screw	1			
2	590474	Cam — Dog	1			
3	590411	Spring — Brake	1			
4	590148	Dog - Starter	1			
5	590475	Spring — Dog	1			
6	590478	Pulley	1 1			
7	590414	Spring & Keeper Assy.	1			

Ref. No.	Part No.	Description	No. Used
8	590577	Housing Assy. Starter	
		(Incl. Ref. #1)	1
9	590451A	Rope — Starter	1
10	590574	Handle - Mitten Grip	
		(Not Included With Starter)	1
11	590459	Pin — Centering	1
12	590476	Retainer - Dog	1
13	590477	Screw	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 Snowthrower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on back of engine mounting plate. In any correspondence concerning the Snowthrower, 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 numbers of the Snowthrower.
- 2. 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 Promise

A TWO YEAR LIMITED WARRANTY

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

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).
- He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
- Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
- 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
 charge to you.
- 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 attemped 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 CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION 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.