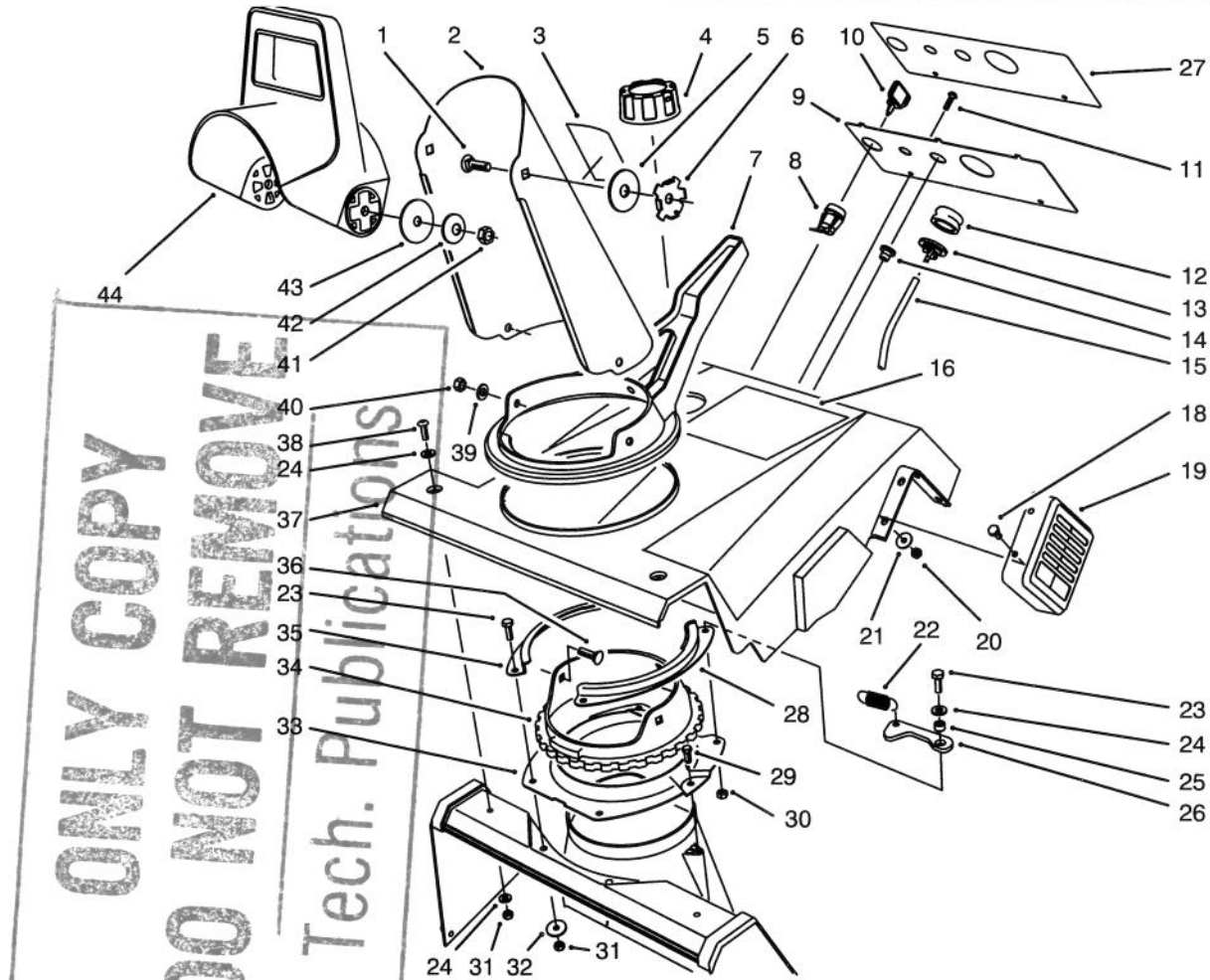




MODEL NO. 38190-490001 & UP
 MODEL NO. 38191-490001 & UP

**PARTS
 CATALOG**

**CCR 1000™
 Snowthrower**



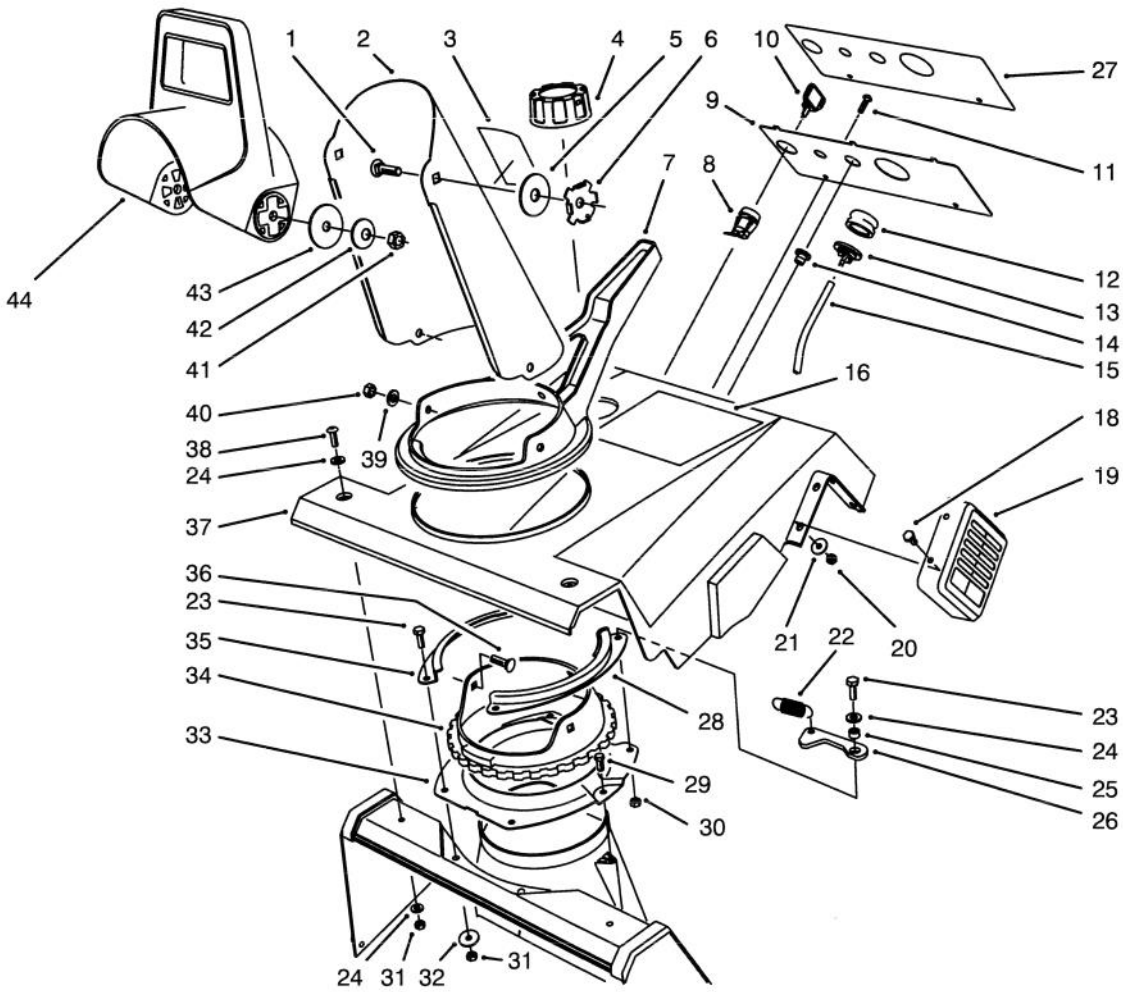
UPPER SHROUD ASSEMBLY

C-1740

Ref. No.	Part No.	Description	No. Used
1	3230-22	Bolt - Carriage	2
2	60-8690	Chute	1
3	63-3740	Decal - Danger (Model No. 38190)	1
*	53-7660	Decal - Danger (Model No. 38191)	1
4	55-3573	Gas Cap Assembly	1
5	20-4320	Washer - Rubber	2
6	55-8950	Plate - Friction	2
7	71-4940	Handle - Chute	1
8	40-5940	Switch - On-Off	1
9	71-5240	Panel - Control	1
10	63-8360	Key - Ignition	1
11	32144-53	Screw - Slotted Flange Hd.	2
12	66-7460	Bulb - Primer	1
13	44-2750	Body - Primer	1

Ref. No.	Part No.	Description	No. Used
14	23-7470	Guide - Rope	1
15	44-3173	Hose - Primer	1
16	71-5490	Decal - Shroud	1
18	3290-359	Screw - Cap Hex. Hd.	4
19	71-5340	Guard - Muffler	1
20	3296-2	Nut - Lock	4
21	3256-61	Washer - Flat	4
22	71-5590	Spring - Extension	1
23	321-4	Screw - Cap Hex. Hd.	4
24	3256-22	Washer - Flat	5
25	55-9370	Spacer - Detent Arm	1
26	80-4610	Arm - Detent	1
27	88-1020	Decal - Control Panel (Model No. 38190)	1
*	88-1040	Decal - Control Panel (Model No. 38191)	1

*Not Illustrated

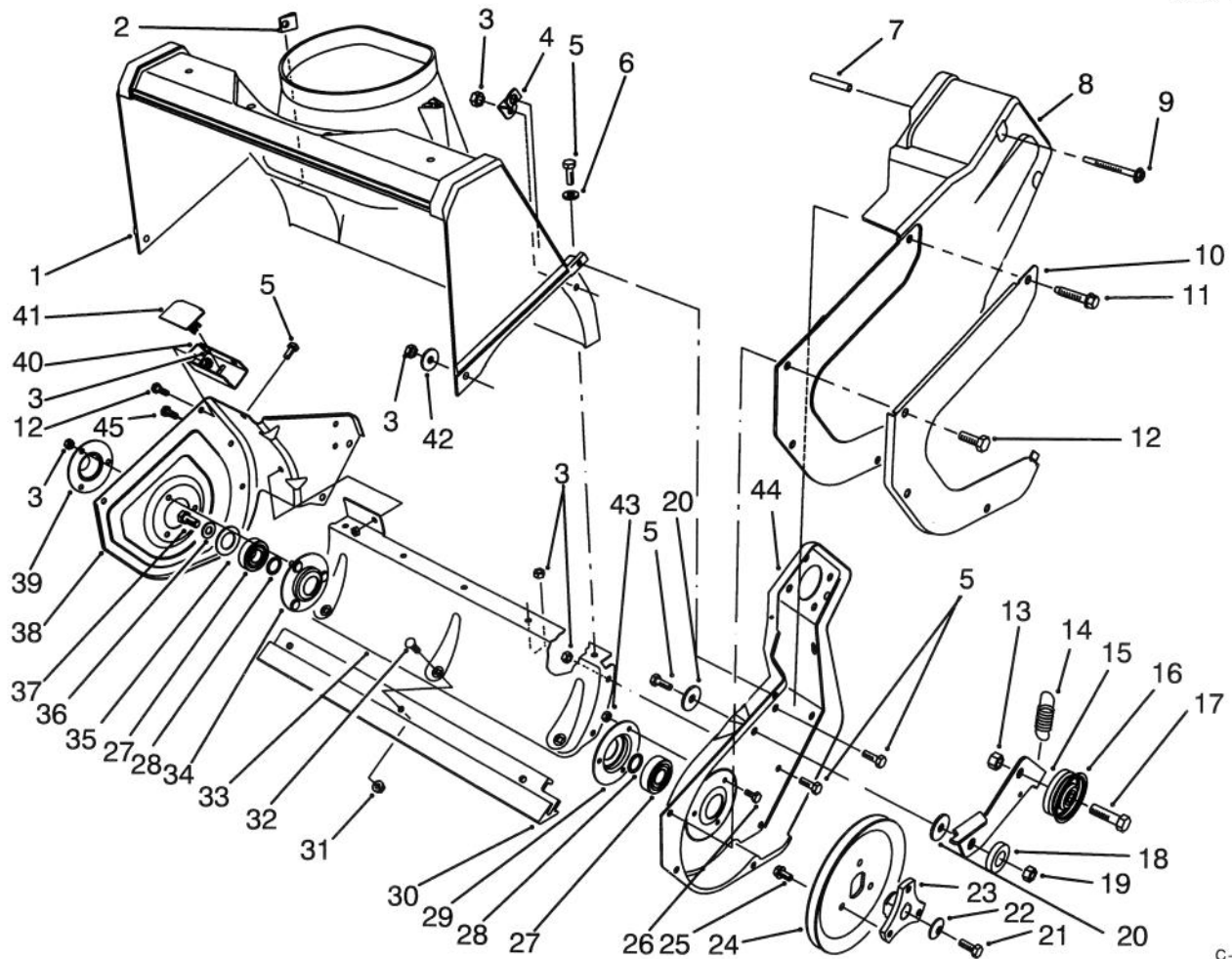


C-1740

UPPER SHROUD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	71-4980	Retainer - Chute Ring L.H.	1
29	46-8092	Screw - Hex. Flange Hd.	2
30	3296-56	Nut - Lock	1
31	3296-42	Nut - Lock	4
32	3256-22	Washer - Flat	2
33	55-8921	Support - Chute Ring	1
34	71-4950	Ring - Chute	1
35	71-4990	Retainer - Chute Ring R.H.	1
36	3230-16	Bolt - Carriage	3

Ref. No.	Part No.	Description	No. Used
37	80-4810	Shroud - Upper	1
38	3250-32	Screw - Pan Hd.	2
39	3256-70	Washer - Flat	3
40	32149-1	Nut - Keps	3
41	3296-29	Nut - Lock	2
42	3290-456	Washer - Belleville	2
43	3256-68	Washer - Flat	2
44	56-2680	Deflector - Discharge	1

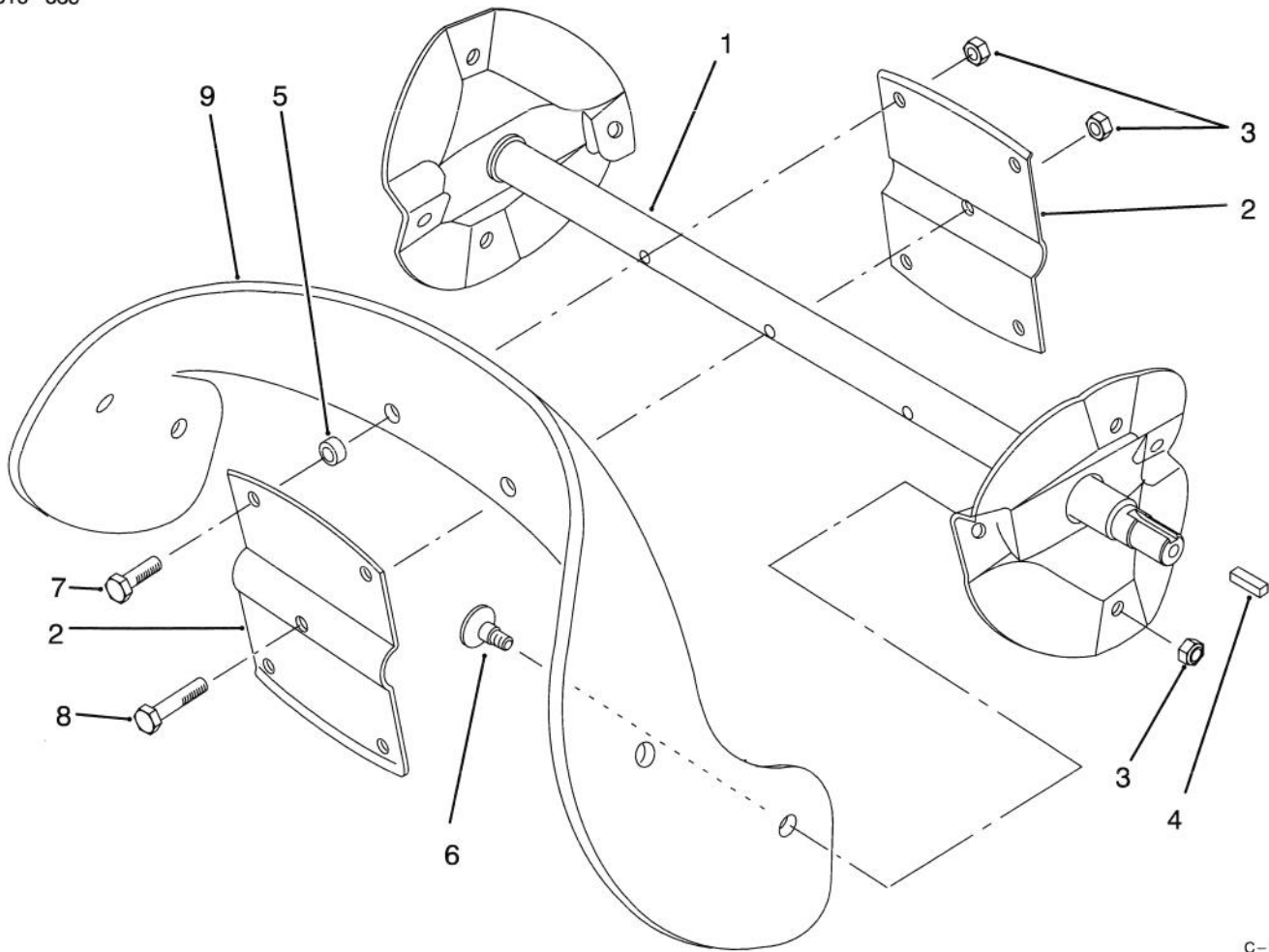


C-1741

ROTOR HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	55-8700	Housing - Rotor	1
2	32115-14	Nut - U	1
3	3296-42	Nut - Lock	20
4	55-9430	Bracket - Z	1
5	321-4	Screw - Cap Hex. Hd.	11
6	3256-22	Washer - Flat	5
7	57-3830	Tube	2
8	71-5030	Cover - Drive	1
9	71-5350	Screw - Thread Forming	2
10	71-5150	Guard - Drive Cover	1
11	36-3860	Screw - Special	1
12	32105-15	Screw - Hex. Flange Hd.	7
13	3296-39	Nut - Lock	1
14	71-5470	Spring - Brake	1
15	71-5160	Arm - Brake	1
16	71-5260	Pulley - Idler	1
17	323-44	Screw - Cap Hex. Hd.	1
18	80-4620	Washer - Spacer	1
19	3296-56	Nut - Lock	1
20	3256-55	Washer	2
21	321-30	Screw - Cap Hex. Hd.	1
22	3290-456	Washer - Belleville	1
23	71-5070	Hub - Pulley	1

Ref. No.	Part No.	Description	No. Used
24	71-5410	Pulley - Rotor	1
25	12-3270	Screw - Hex. Flange Hd.	3
26	32105-8	Screw - Hex. Hd.	3
27	38-7820	Bearing - Ball	2
28	52-7280	Washer - Thrust	2
29	38-8620	Flange - Bearing	1
30	71-5390	Scraper	1
31	32128-10	Nut - Flange Lock	3
32	3229-11	Bolt - Carriage	3
33	71-4930	Housing - Lower	1
34	52-9110	Flange - Bearing	1
35	52-7270	Washer - Rubber	1
36	3256-24	Washer - Flat	1
37	3234-25	Screw - Cap Hex. Hd.	1
38	71-4920	Sideplate - R.H.	1
39	52-7290	Retainer - Bearing	1
40	71-5310	Bracket - Support	1
41	71-5270	Cover - Bracket	1
42	3256-67	Washer - Flat	2
43	3296-2	Nut - Lock	3
44	71-4911	Sideplate - L.H.	1
45	321-39	Screw - Hex Washer Hd.	1

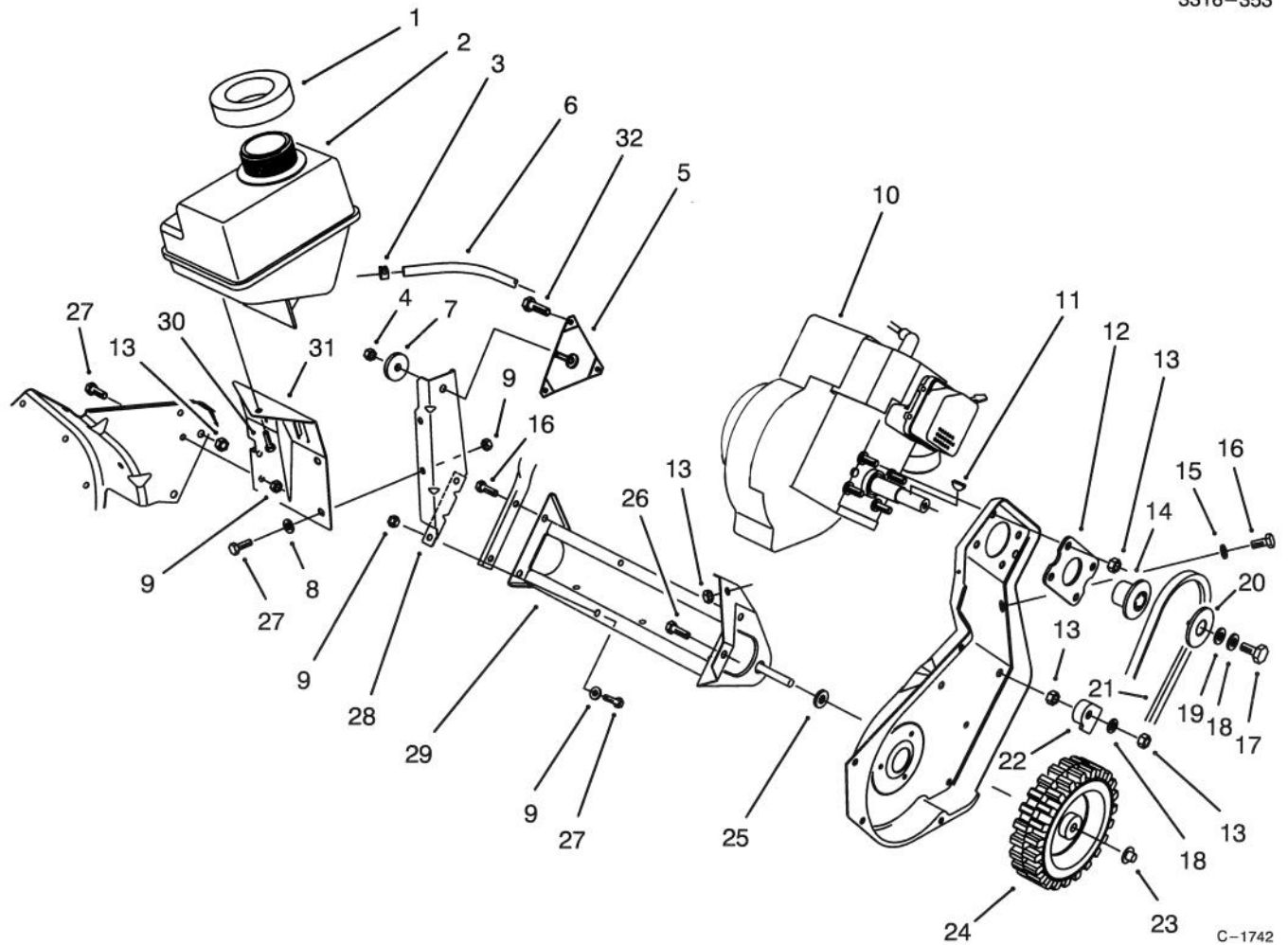


C-1273

ROTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	55-9202	Rotor Shaft Assembly	1
2	66-6600	Plate - Rotor	2
3	3296-56	Nut - Lock	13
4	10-8040	Key - Square	1
5	55-9370	Spacer	4

Ref. No.	Part No.	Description	No. Used
6	84-1971	Screw - Countersunk	8
7	321-4	Screw - Cap Hex. Hd.	4
8	321-8	Screw - Cap Hex. Hd.	1
9	88-0781	Blade - Rotor	2



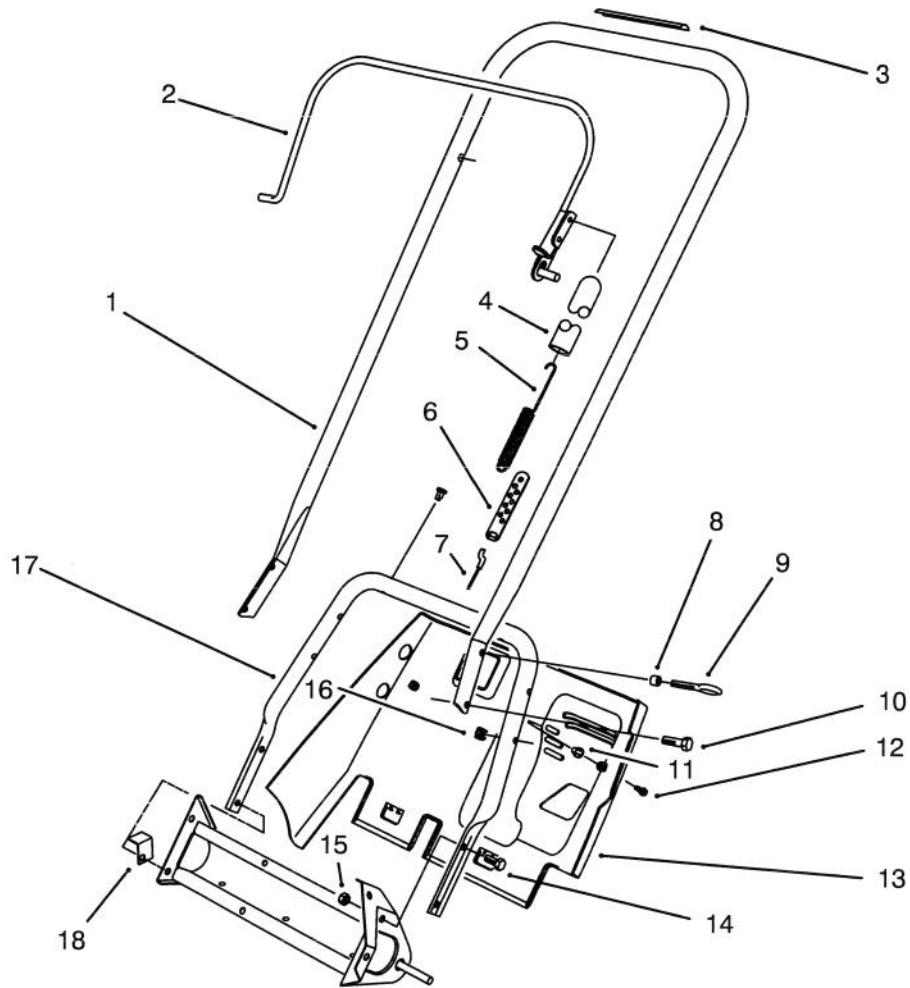
C-1742

ENGINE & FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	55-9310	Seal - Fuel Tank	1
2	71-5020	Tank - Fuel	1
3	2412-86	Clamp - Hose	2
4	3296-16	Nut - Lock	1
5	92-6012	Bracket - & Stud Assembly	1
6	49-2482	Hose - Fuel	1
7	71-5320	Washer - Engine Support	1
8	3256-22	Washer - Flat	4
9	3296-42	Nut - Lock	6
†10		Engine (Model No. 38190 - Tec. No. HSK600-1659S) (Model No. 38191 - Tec. No. HSK600-1671S)	1
11	3257-3	Key - Woodruff	1
12	71-5290	Plate - Engine	1
13	3296-29	Nut - Lock	9
14	71-5050	Hub - Sheave	1

Ref. No.	Part No.	Description	No. Used
15	3256-23	Washer - Flat	1
16	322-3	Screw - Cap Hex. Hd.	3
17	3235-6	Screw - Locking Hex. Hd.	1
18	3290-456	Washer - Belleville	1
19	3256-71	Washer - Flat	2
20	71-5060	Cap - Sheave	1
21	71-5381	Belt - Drive	1
22	84-5610	Guide - Cable	1
23	3290-320	Nut - Push	2
24	23-3250	Wheel	2
25	71-5440	Spacer - Wheel	2
26	322-5	Screw - Cap Hex. Hd.	1
27	321-4	Screw - Cap Hex. Hd.	6
28	71-5210	Support - Engine	1
29	71-5200	Frame Assembly	1
30	32144-53	Screw - Thread Forming	1
31	71-5220	Bracket - Fuel Tank	1
32	92-6019	Screw - Thr'd Form.	3

†Obtain from your local Tecumseh Dealer.

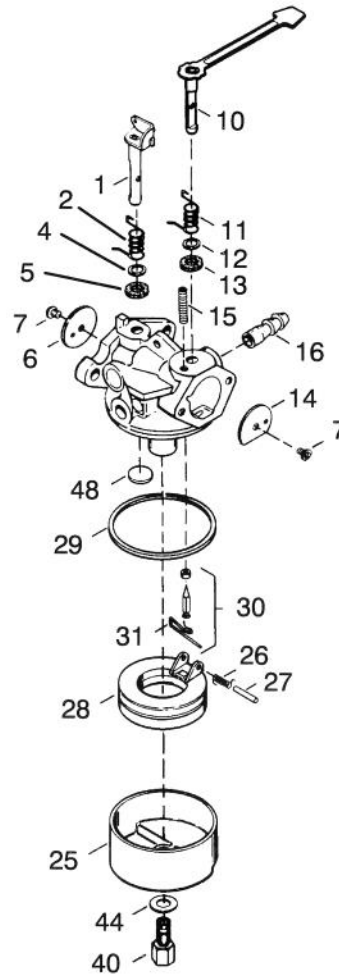


C-1743

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	71-5090	Handle - Upper	1	9	3299-1	Bolt - Eye	1
2	71-5120	Bail Assembly	1	10	32105-11	Screw - Cap Hex. Hd.	3
3	66-6870	Decal - Rotor Drive	1	11	3290-486	Nut - Push	5
*	60-9470	Decal - Rotor Drive (Model No. 38191)	1	12	32144-53	Screw - Thread Forming	3
4	71-5530	Cover - Spring	1	13	71-5041	Shroud - Lower	1
5	71-5480	Spring - Extension	1	14	322-3	Screw - Cap Hex. Hd.	2
6	71-5330	Adjuster - Cable	1	15	3296-29	Nut - Lock	2
7	55-9322	Cable - Clutch	1	16	3290-225	Nut - Speed	4
8	55-9370	Spacer	1	17	71-5370	Handle - Lower	1
				18	71-5600	Bracket - Shroud	1

*Not Illustrated

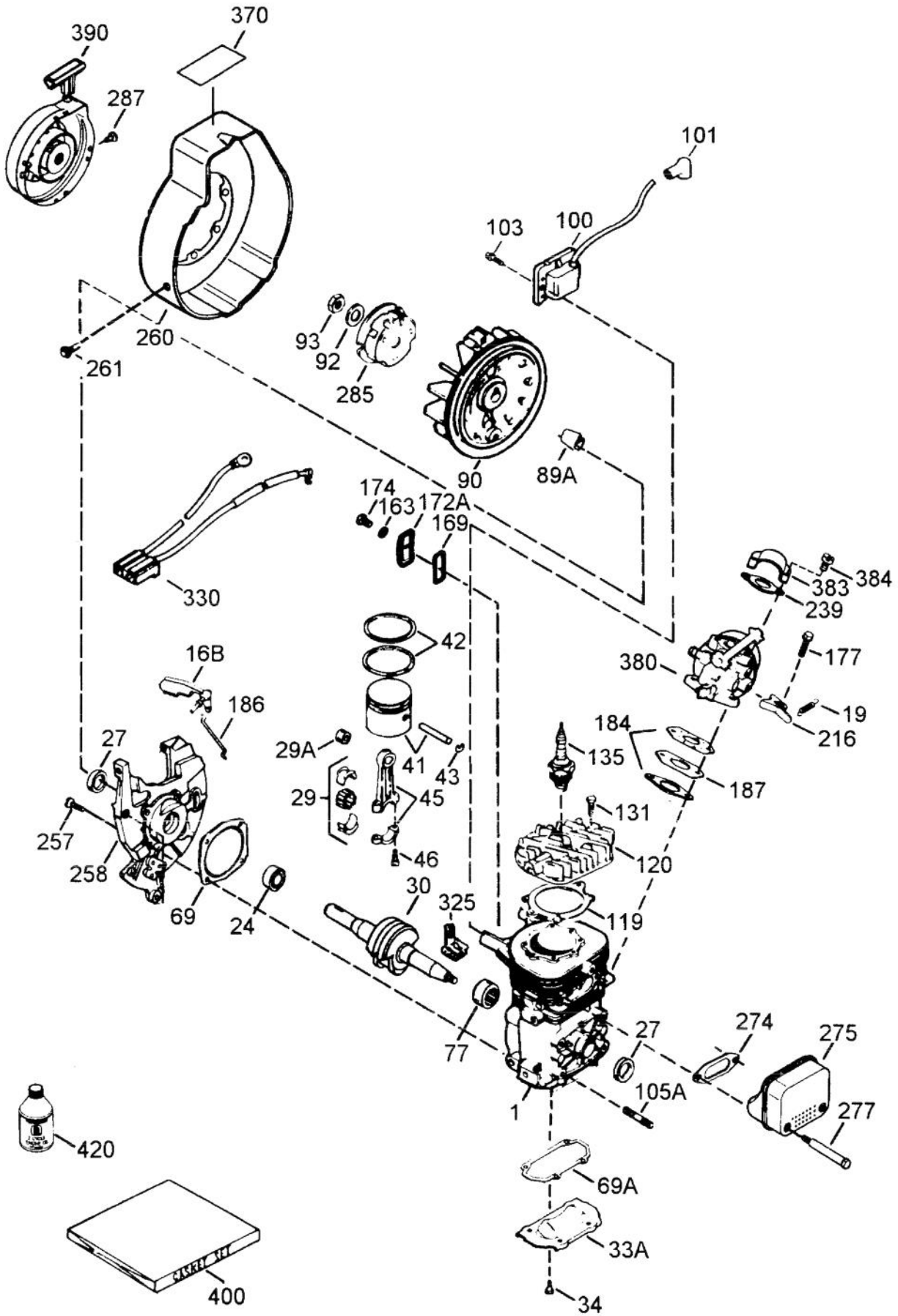


C-1748

CARBURETOR NO. 632641

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	632166	Throttle Shaft & Lever Ass'y	1	26	632386	Float Dampening Spring	1
2	632169	Throttle Return Spring	1	27	631024	Float shaft	1
4	6311844	Dust Seat Washer	1	28	632019	Float	1
5	631183	Dust Seat (Throttle)	1	29	631028	Float Bowl "O" Ring	1
6	631621	Throttle Shutter	1	30	631021	Inlet Needle, Seat & Clip (Incl. Ref. #31)	1
7	650506	Shutter Screw	2	31	631022	Spring Clip	1
10	632553	Choke shaft & Lever Ass'y	1	40	632385	High Speed Bowl Nut	1
14	631815	Choke Shutter	1	44	631334	Bowl Nut Washer	1
15	630735	Choke Positioning Spring	1	48	631027	Welch Plug	1
16	632164	Fuel Fitting	1				
25	631700	Float Bowl	1				

ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1659-S (Model No. 38190 Only)

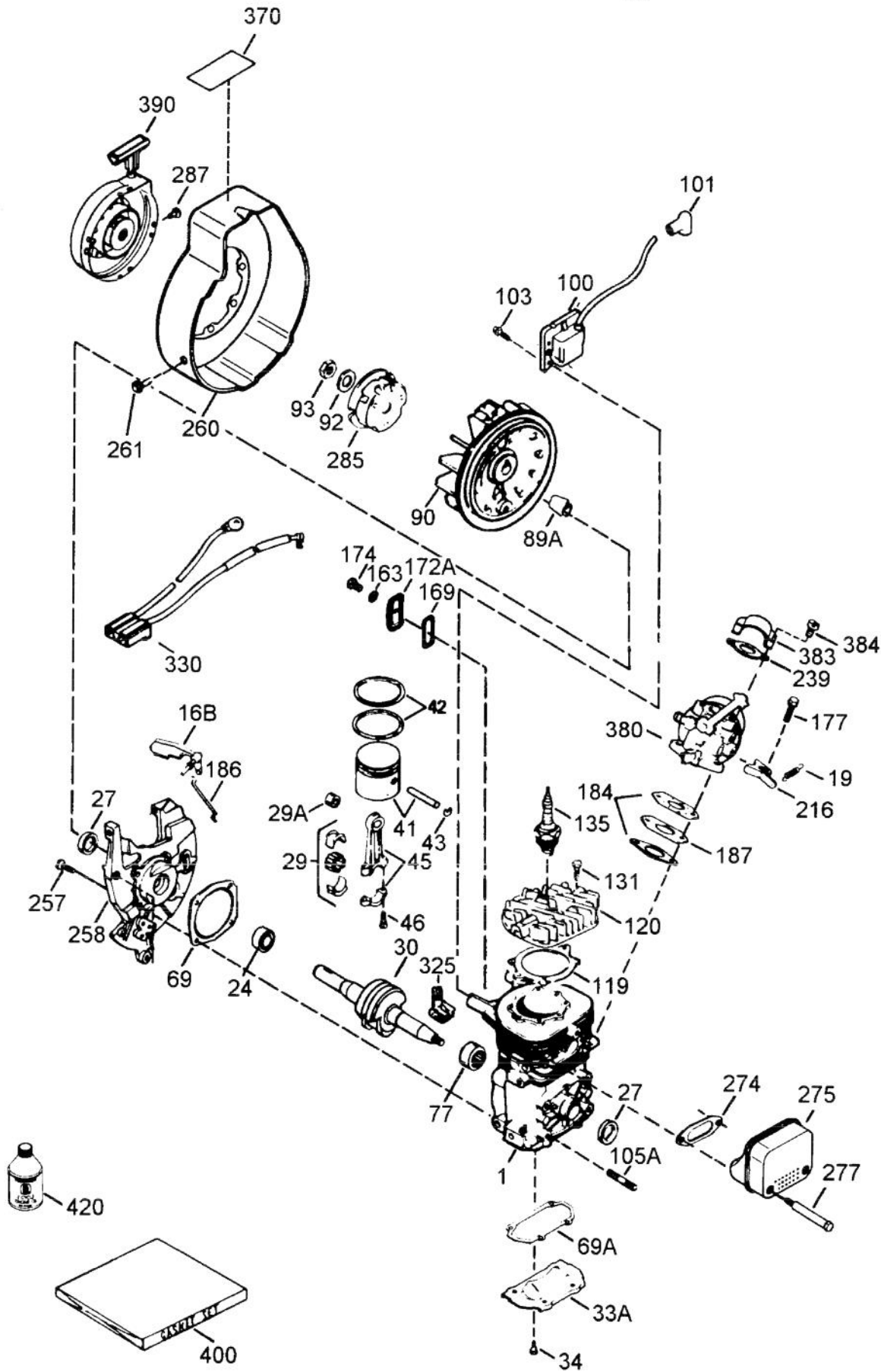


ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1659-S (Model No. 38190 Only) (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Cylinder (Order Short Block if Replacement is Needed)	1	131	650477	Screw, Torx T-30	5
16B	490291A	Air Vane	1	135	611049	Resistor Spark Plug	1
19	570707	Extension Spring	1	163	650838	Washer	1
24	530110	Ball Bearing	1	*169	510325A	Cover Plate Gasket	1
27	510319	Oil Seal	2	172A	570708	Compression Release Cover	1
29	530150	Needle Bearing & Liner Set (37 Needles)	1	174	650579	Screw, Torx T-25	1
29A	530104A	Cartridge Bearing	1	177	650959	Screw	2
30	290602	Crankshaft	1	*184	510326A	Carburetor Gasket	2
33A	570644	Cover Plate	1	186	490322	Governor Link	1
34	650579	Screw, Torx T-25	4	187	570438A	Spacer	1
41	310283A	Piston & Pin Assembly	1	216	570645	R.P.M. Adjusting Lever	1
42	310190	Ring Set	2	239	35815	Air Cleaner Gasket	1
43	310167	Piston Pin Retaining Ring	2	257	650911	Screw, Torx T-30	4
45	310235B	Connecting Rod Ass'y (Incl. Ref. #29, 29A, & 46)	1	258	350396	Blower Housing Base (Incl. Ref. #27)	1
46	650633	Connecting Rod Bolt	4	260	350445	Blower Housing	1
*69	510292A	Cylinder Cover Gasket	1	261	650737	Screw	4
*69A	510323A	Cover Plate Gasket	1	*274	510346A	Exhaust Gasket	1
77	530105	Cartridge Bearing	1	275	390330	Muffler (Incl. Ref. #274 & 277)	1
89A	611032	Adapter Sleeve	1	277	650869	Screw	2
90	611112	Flywheel	1	285	590551	Starter Cup	1
92	650815	Belleville Washer	1	287	650926	Screw	3
93	650390	Flywheel Nut	1	325	29443	Wire Clip	1
100	34443A	Solid State Ignition (Incl. Ref. #101)	1	330	611153	Wire Harness	1
101	610118	Spark Plug Cover	1	370	35977	Instruction Decal	1
103	650814	Screw, Torx T-15	2	380	632641	Carburetor (Incl. Ref. #184)	1
105A	650796	Stud	4	383	570434	Spit Cup	1
*119	510274A	Cylinder Head Gasket	1	384	650229	Screw, Torx T-25	2
120	250240B	Cylinder Head	1	390	590625	Rewind Starter	1
				400	510324B	Gasket Set	1
				420	730227A	2-Cycle Oil (8 oz.)	1

*Included in Gasket Set No. 510324B.

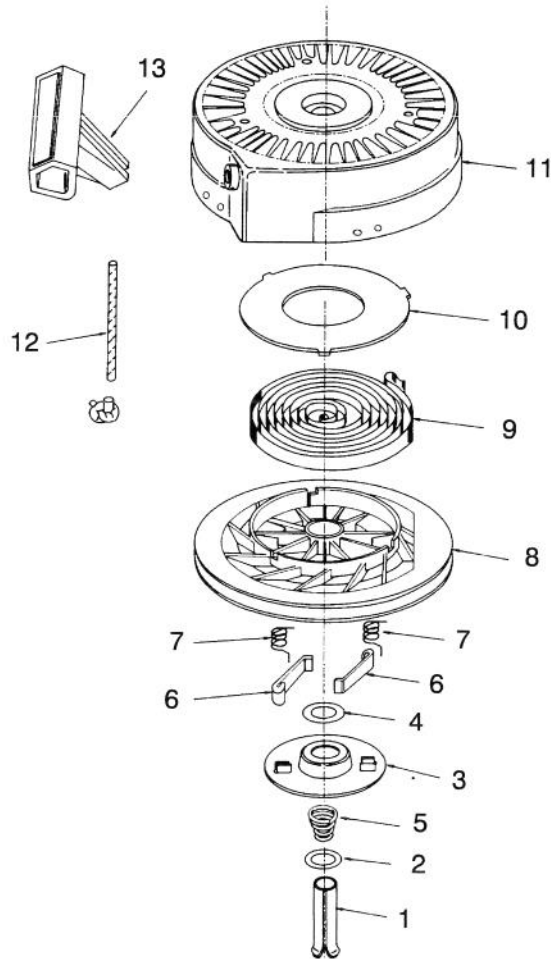
ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1671-S (Model No. 38191 Only)



ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1671-S (Model No. 38191 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Cylinder (Order Short Block if Replacement is Needed)	1	131	650477	Screw, Torx T-30	5
16B	490291A	Air Vane	1	135	611049	Resistor Spark Plug	1
19	570707	Extension Spring	1	163	650838	Washer	1
24	530110	Ball Bearing	1	*169	510325A	Cover Plate Gasket	1
27	510319	Oil Seal	2	172A	570708	Compression Release Cover	1
29	530150	Needle Bearing & Liner Set (37 Needles)	1	174	650579	Screw, Torx T-25	1
29A	530104A	Cartridge Bearing	1	177	650959	Screw	2
30	290602	Crankshaft	1	*184	510326A	Carburetor Gasket	2
33A	570644	Cover Plate	1	186	490322	Governor Link	1
34	650579	Screw, Torx T-25	4	187	570438A	Spacer	1
41	310283A	Piston & Pin Assembly	1	216	570645	R.P.M. Adjusting Lever	1
42	310190	Ring Set	2	239	35815	Air Cleaner Gasket	1
43	310167	Piston Pin Retaining Ring	2	257	650911	Screw, Torx T-30	4
45	310235B	Connecting Rod Ass'y (Incl. Ref. #29, 29A, & 46)	1	258	350396	Blower Housing Base (Incl. Ref. #27)	1
46	650633	Connecting Rod Bolt	4	260	350445	Blower Housing	1
*69	510292A	Cylinder Cover Gasket	1	261	650737	Screw	4
*69A	510323A	Cover Plate Gasket	1	*274	510346A	Exhaust Gasket	1
77	530105	Cartridge Bearing	1	275	390330	Muffler (Incl. Ref. #274 & 277)	1
89A	611032	Adapter Sleeve	1	277	650869	Screw	2
90	611112	Flywheel	1	285	590551	Starter Cup	1
92	650815	Belleville Washer	1	287	650926	Screw	3
93	650390	Flywheel Nut	1	325	29443	Wire Clip	1
100	34443A	Solid State Ignition (Incl. Ref. #101)	1	330	611153	Wire Harness	1
101	610118	Spark Plug Cover	1	370	35977	Instruction Decal	1
103	650814	Screw, Torx T-15	2	380	632641	Carburetor (Incl. Ref. #184)	1
105A	650796	Stud	4	383	570434	Spit Cup	1
*119	510274A	Cylinder Head Gasket	1	384	650229	Screw, Torx T-25	2
120	250240B	Cylinder Head	1	390	590625	Rewind Starter	1
				400	510324B	Gasket Set	1
				420	730227A	2-Cycle Oil (8 oz.)	1

*Included in Gasket Set No. 510324B.



C-1750

RECOIL STARTER NO. 590652

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	590599A	Spring Pin (Incl. Ref. #4)	1	8	590645A	Pulley Assembly (Incl. Ref. #9 & 10)	1
2	590600	Washer	1	9	590619	Rewind Spring	1
3	590615	Retainer	1	10	590620	Spring Cover	1
4	590601	Washer	1	11	590643	Starter Housing Assembly	1
5	590598	Brake Spring	1	12	590535	Starter Rope	1
6	590616	Starter Dog	2	13	590452	Starter Handle	1
7	590617	Dog Spring	2				

TORO PART NUMBER INDEX

3316-353

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
10-8040	Key - Square	4 4 1	71-5210	Support - Engine	5 28 1
12-3270	Screw - Hex. Flange Hd.	3 25 3	71-5220	Bracket - Fuel Tank	5 31 1
20-4320	Washer - Rubber	1 5 2	71-5240	Panel - Control	1 9 1
23-3250	Wheel	5 24 2	71-5260	Pulley - Idler	3 16 1
23-7470	Guide - Rope	1 14 1	71-5270	Cover - Bracket	3 41 1
36-3860	Screw - Special	3 11 1	71-5290	Plate - Engine	5 12 1
38-7820	Bearing - Ball	3 27 2	71-5310	Bracket - Support	3 40 1
38-8620	Flange - Bearing	3 29 1	71-5320	Washer - Engine Support	5 7 1
40-5940	Switch - On-Off	1 8 1	71-5330	Adjuster - Cable	6 6 1
44-2750	Body - Primer	1 13 1	71-5340	Guard - Muffler	1 19 1
44-3173	Hose - Primer	1 15 1	71-5350	Screw - Thread Forming	3 9 2
46-8092	Screw - Hex. Flange Hd.	2 29 2	71-5370	Handle - Lower	6 17 1
49-2482	Hose - Fuel	5 6 1	71-5381	Belt - Drive	5 21 1
52-7270	Washer - Rubber	3 35 1	71-5390	Scraper	3 30 1
52-7280	Washer - Thrust	3 28 2	71-5410	Pulley - Rotor	3 24 1
52-7290	Retainer - Bearing	3 39 1	71-5440	Spacer - Wheel	5 25 2
52-9110	Flange - Bearing	3 34 1	71-5470	Spring - Brake	3 14 1
53-7660	Decal - Danger	1 * 1	71-5480	Spring - Extension	6 5 1
55-3573	Gas Cap Assembly	1 4 1	71-5490	Decal - Shroud	1 16 1
55-8700	Housing - Rotor	3 1 1	71-5530	Cover - Spring	6 4 1
55-8921	Support - Chute Ring	2 33 1	71-5590	Spring - Extension	1 22 1
55-8950	Plate - Friction	1 6 2	71-5600	Bracket - Shroud	6 18 1
55-9202	Rotor Shaft Assembly	4 1 1	80-4610	Arm - Detent	1 26 1
55-9310	Seal - Fuel Tank	5 1 1	80-4620	Washer - Spacer	3 18 1
55-9322	Cable - Clutch	6 7 1	80-4810	Shroud - Upper	2 37 1
55-9370	Spacer	4 5 4	84-1971	Screw - Countersunk	4 6 8
55-9370	Spacer	6 8 1	84-5610	Guide - Cable	5 22 1
55-9370	Spacer - Detent Arm	1 25 1	88-0781	Blade - Rotor	4 9 2
55-9430	Bracket - Z	3 4 1	88-1020	Decal - Control Panel	1 27 1
56-2680	Deflector - Discharge	2 44 1	88-1040	Decal - Control Panel	1 * 1
57-3830	Tube	3 7 2	92-6012	Bracket - & Stud Assembly	5 5 1
60-8690	Chute	1 2 1	92-6019	Screw - Thr'd Form.	5 32 3
60-9470	Decal - Rotor Drive	6 * 1	2412-86	Clamp - Hose	5 3 2
63-3740	Decal - Danger	1 3 1	321-4	Screw - Cap Hex. Hd.	3 5 11
63-8360	Key - Ignition	1 10 1	321-4	Screw - Cap Hex. Hd.	4 7 4
66-6600	Plate - Rotor	4 2 2	321-4	Screw - Cap Hex. Hd.	1 23 4
66-6870	Decal - Rotor Drive	6 3 1	321-4	Screw - Cap Hex. Hd.	5 27 6
66-7460	Bulb - Primer	1 12 1	321-8	Screw - Cap Hex. Hd.	4 8 1
71-4911	Sideplate - L.H.	3 44 1	321-30	Screw - Cap Hex. Hd.	3 21 1
71-4920	Sideplate - R.H.	3 38 1	321-39	Screw - Hex Washer Hd.	3 45 1
71-4930	Housing - Lower	3 33 1	322-3	Screw - Cap Hex. Hd.	6 14 2
71-4940	Handle - Chute	1 7 1	322-3	Screw - Cap Hex. Hd.	5 16 3
71-4950	Ring - Chute	2 34 1	322-5	Screw - Cap Hex. Hd.	5 26 1
71-4980	Retainer - Chute Ring L.H.	2 28 1	323-44	Screw - Cap Hex. Hd.	3 17 1
71-4990	Retainer - Chute Ring R.H.	2 35 1	3229-11	Bolt - Carriage	3 32 3
71-5020	Tank - Fuel	5 2 1	3230-16	Bolt - Carriage	2 36 3
71-5030	Cover - Drive	3 8 1	3230-22	Bolt - Carriage	1 1 2
71-5041	Shroud - Lower	6 13 1	3234-25	Screw - Cap Hex. Hd.	3 37 1
71-5050	Hub - Sheave	5 14 1	3235-6	Screw - Locking Hex. Hd.	5 17 1
71-5060	Cap - Sheave	5 20 1	3250-32	Screw - Pan Hd.	2 38 2
71-5070	Hub - Pulley	3 23 1	3256-22	Washer - Flat	3 6 5
71-5090	Handle - Upper	6 1 1	3256-22	Washer - Flat	5 8 4
71-5120	Bail Assembly	6 2 1	3256-22	Washer - Flat	1 24 5
71-5150	Guard - Drive Cover	3 10 1	3256-22	Washer - Flat	2 32 2
71-5160	Arm - Brake	3 15 1	3256-23	Washer - Flat	5 15 1
71-5200	Frame Assembly	5 29 1	3256-24	Washer - Flat	3 36 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
3256-55	Washer	3	20	2	3296-39	Nut - Lock	3	13	1
3256-61	Washer - Flat	1	21	4	3296-42	Nut - Lock	3	3	20
3256-67	Washer - Flat	3	42	2	3296-42	Nut - Lock	5	9	6
3256-68	Washer - Flat	2	43	2	3296-42	Nut - Lock	2	31	4
3256-70	Washer - Flat	2	39	3	3296-56	Nut - Lock	4	3	13
3256-71	Washer - Flat	5	19	2	3296-56	Nut - Lock	3	19	1
3257-3	Key - Woodruff	5	11	1	3296-56	Nut - Lock	2	30	1
3290-225	Nut - Speed	6	16	4	3299-1	Bolt - Eye	6	9	1
3290-320	Nut - Push	5	23	2	32105-8	Screw - Hex. Hd.	3	26	3
3290-359	Screw - Cap Hex. Hd.	1	18	4	32105-11	Screw - Cap Hex. Hd.	6	10	3
3290-456	Washer - Belleville	5	18	1	32105-15	Screw - Hex. Flange Hd.	3	12	7
3290-456	Washer - Belleville	3	22	1	32115-14	Nut - U	3	2	1
3290-456	Washer - Belleville	2	42	2	32128-10	Nut - Flange Lock	3	31	3
3290-486	Nut - Push	6	11	5	32144-53	Screw - Slotted Flange Hd.	1	11	2
3296-2	Nut - Lock	1	20	4	32144-53	Screw - Thread Forming	6	12	3
3296-2	Nut - Lock	3	43	3	32144-53	Screw - Thread Forming	5	30	1
3296-16	Nut - Lock	5	4	1	32149-1	Nut - Keps	2	40	3
3296-29	Nut - Lock	5	13	9					
3296-29	Nut - Lock	6	15	2					
3296-29	Nut - Lock	2	41	2					

OPTIONAL EQUIPMENT

Snow Cab Kit Part No. 88-0600

