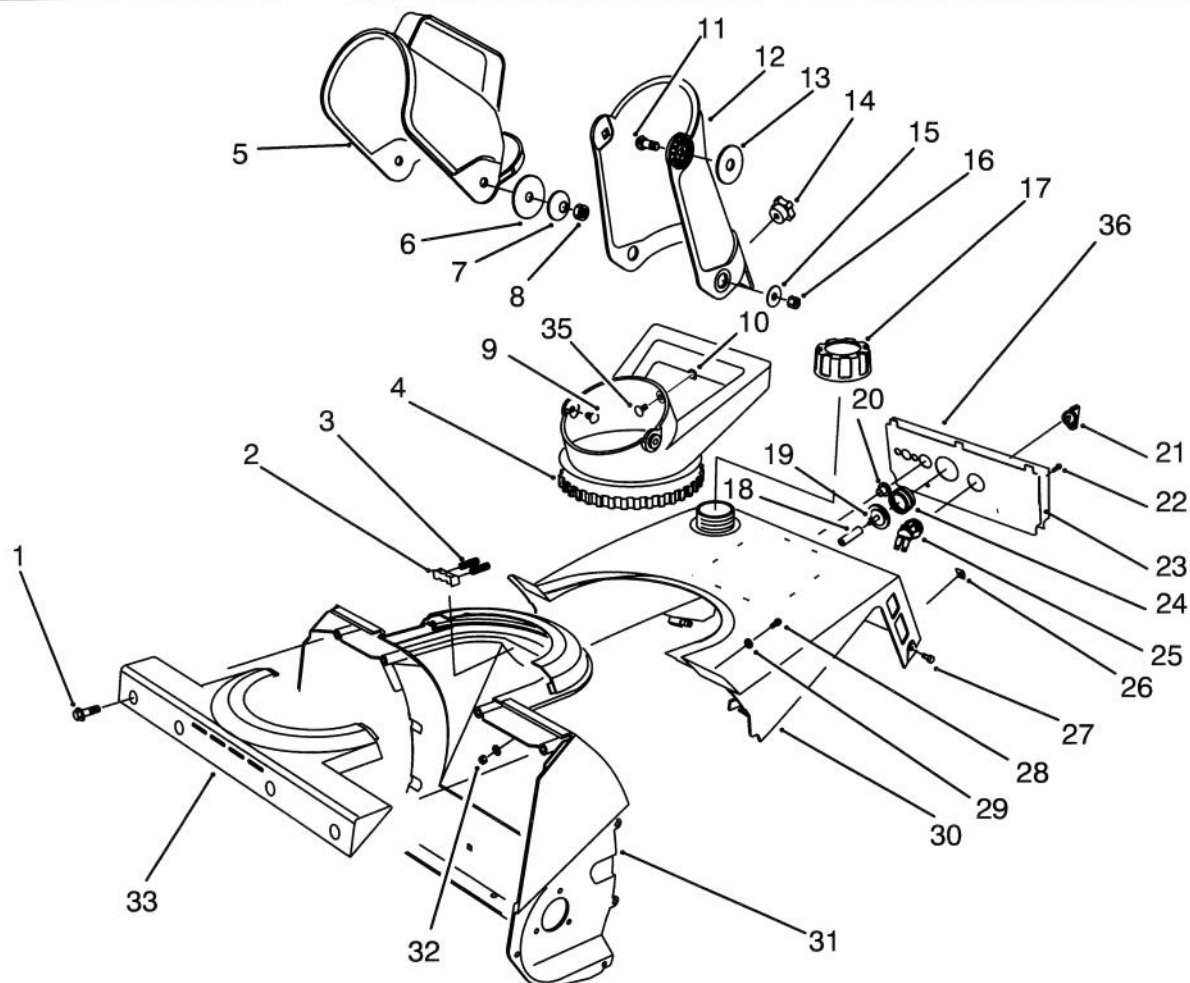


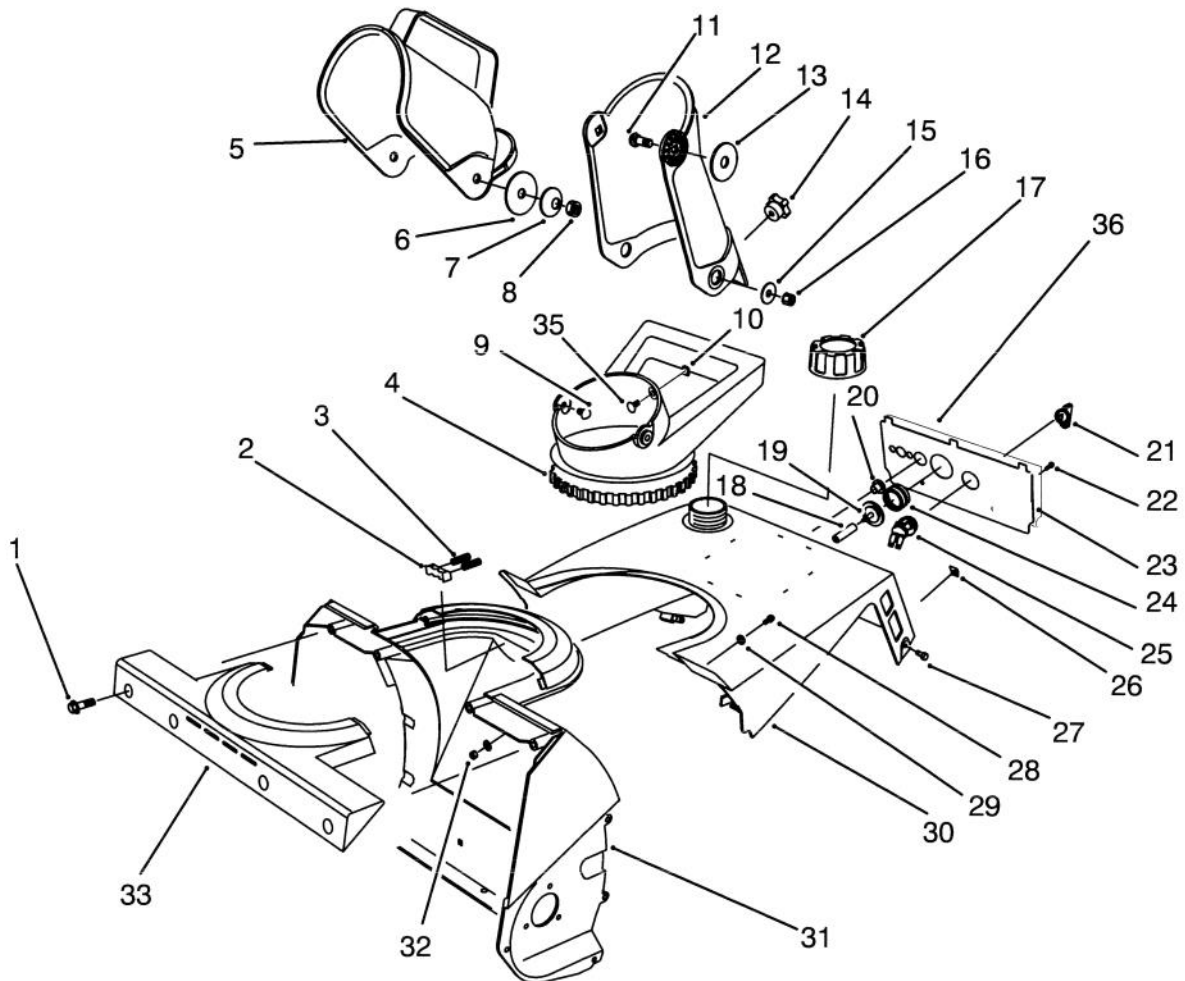
TORO
MODEL NO. 38171-4900001 & UP
MODEL NO. 38176-4900001 & UP
PARTS
CATALOG
CCR POWERLITE™ RECOIL
CCR POWERLITE™ ELECTRIC


C-0623

CHUTE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-8094	Screw - Hex. Washer Hd.	4
2	75-9160	Detent - Chute	1
3	75-9170	Spring - Compression	2
4	75-8670	Handle - Chute	1
5	75-8770	Deflector - Chute	1
6	3256-68	Washer - Flat	2
7	3290-340	Washer - Belleville	2
8	3296-29	Nut - Lock	2
9	321-3	Screw	2
10	32115-15	Retainer	3
11	3230-2	Screw - Carriage	2
12	75-8761	Chute - Discharge	1
13	80-0640	Washer - Rubber	2
14	233-67	Knob	1
15	3256-81	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
16	3296-56	Nut - Lock	2
17	55-3573	Cap Assembly - Fuel	1
18	44-3173	Hose	1
19	44-2750	Body - Primer	1
20	23-7470	Guide - Rope	1
21	63-8360	Key - Ignition	1
22	32144-53	Screw - Acorn Slotted Hd.	2
23	75-9031	Panel - Control (Model 38171 Only)	1
	75-9030	Panel - Control (Model 38176 Only)	1
24	66-7460	Bulb - Primer	1
25	40-5940	Switch - On/Off	1
26	49-1490	J-Nut	2
27	32144-89	Screw - Hex. Hd.	2

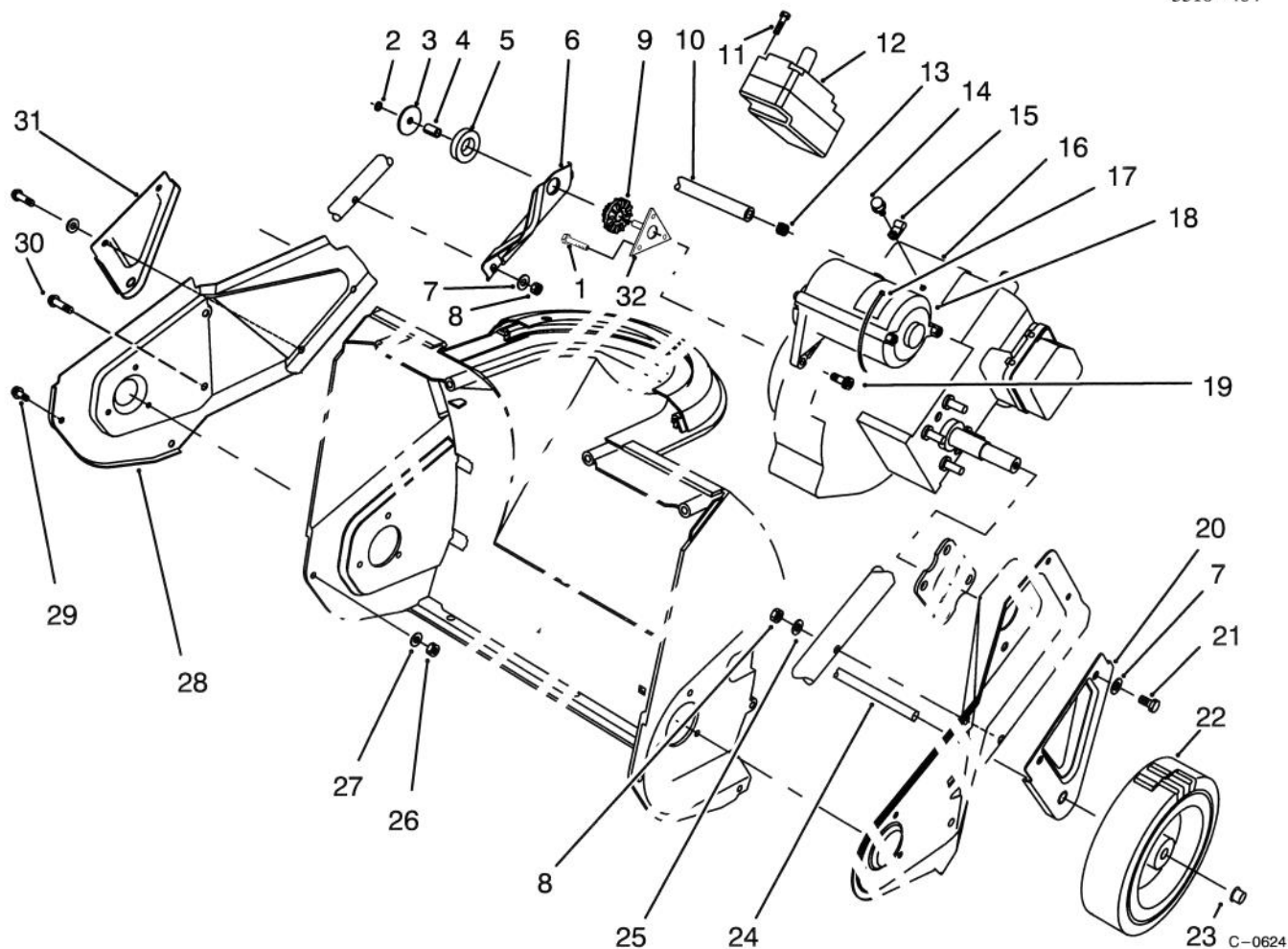


C-0623

CHUTE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
28	3250-32	Screw - Pan Hd.	2
29	3256-1	Washer - Flat	4
30	75-8800	Shroud - Upper (Model 38171)	1
	75-8801	Shroud - Upper (Model 38176)	1
31	75-8660	Housing	1
32	3296-42	Nut - Lock	2

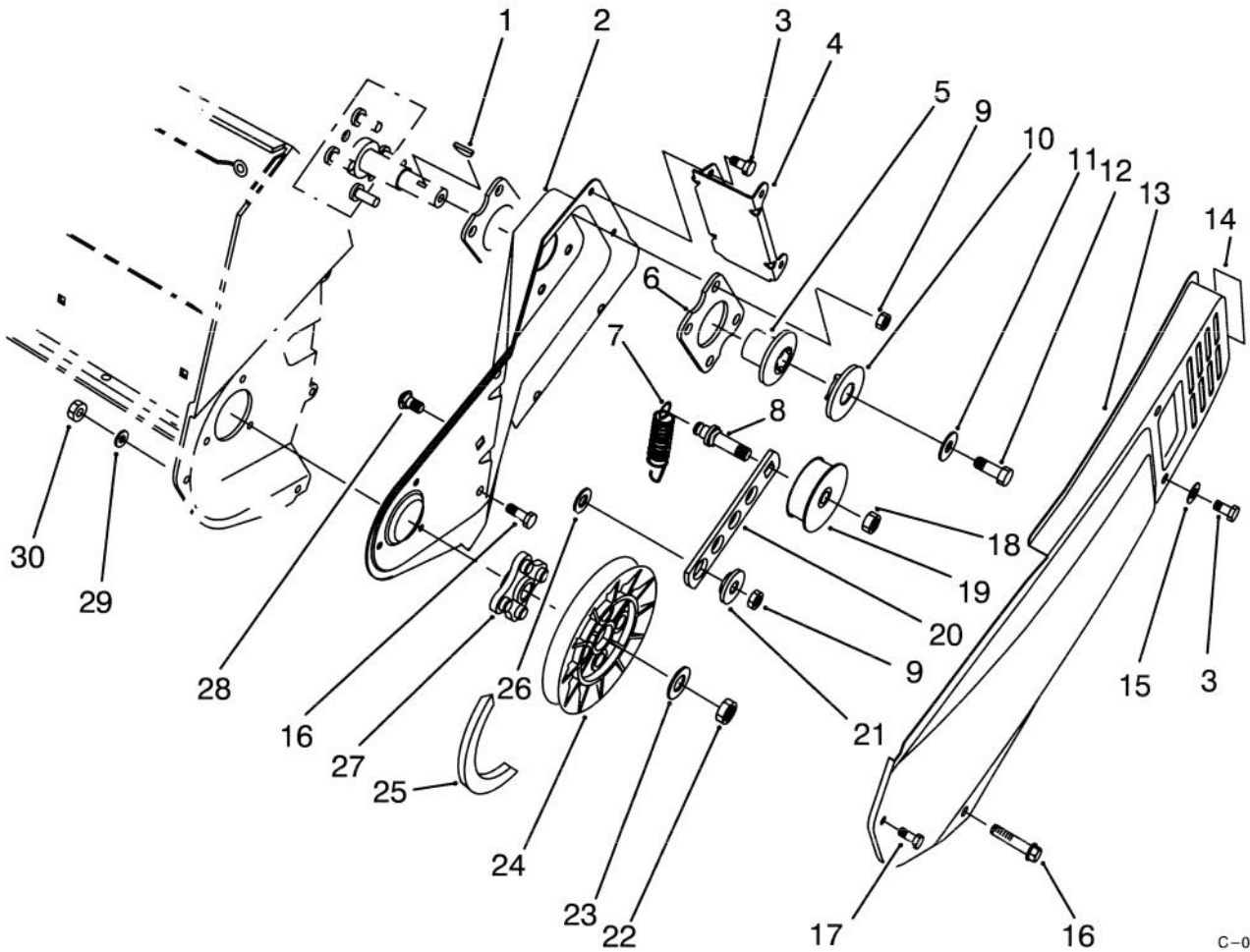
Ref. No.	Part No.	Description	No. Used
33	75-8650	Retainer - Chute	1
35	3229-11	Bolt - Carriage	1
36	88-1060	Decal - Control Panel (Model #38171 only)	1
	88-1070	Decal - Control Panel (Model #38176 only)	1



ENGINE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-6019	Screw - Thread Forming	3
2	3296-16	Nut - Lock	1
3	3256-58	Washer - Flat	1
4	80-0650	Spacer	1
5	80-0620	Ring - Isolator	1
6	75-8980	Support - Engine	1
7	3256-1	Washer - Flat	6
8	3296-42	Nut - Lock	4
9	75-9100	Bushing - Isolation	1
10	49-2483	Hose - Fuel	1
11	32144-27	Screw (Model 38176 Only)	2
12	77-0402	Motor Switch Housing Ass'y (Model 38176 Only)	1
13	2412-86	Clamp - Hose	2
14	32144-10	Screw - Hex Washer Hd. (Model 38176 Only)	1
15	2412-91	Clamp - Cable (38176 Only)	1
16		Engine (HSK 600-1679S) (Model 38171)	1
		Engine (HSK600-1680S) (Model 38176)	1

Ref. No.	Part No.	Description	No. Used
17	250-7	Strap - Motor (Model 38176 Only)	1
18	80-4700	Starter Motor Assembly (Model 38176 Only - Incl. ref. #12)	1
19	80-0700	Screw (Model 38176 Only)	2
20	75-8910	Bracket - Wheel L.H.	1
21	321-10	Screw - Hex. Hd.	4
22	23-3250	Wheel	2
23	3290-320	Nut - Push On	2
24	27-0062	Axle	1
25	3-7501	Washer - Curved	2
26	3296-2	Nut - Lock	1
27	3256-14	Washer - Flat	1
28	75-8820	Sideplate - R.H.	1
29	32105-23	Screw - Hex. Washer Hd.	1
30	46-8094	Screw - Hex. Washer Hd.	3
31	75-8900	Bracket - Wheel R.H.	1
32	92-6012	Bracket & Stud Assembly	1

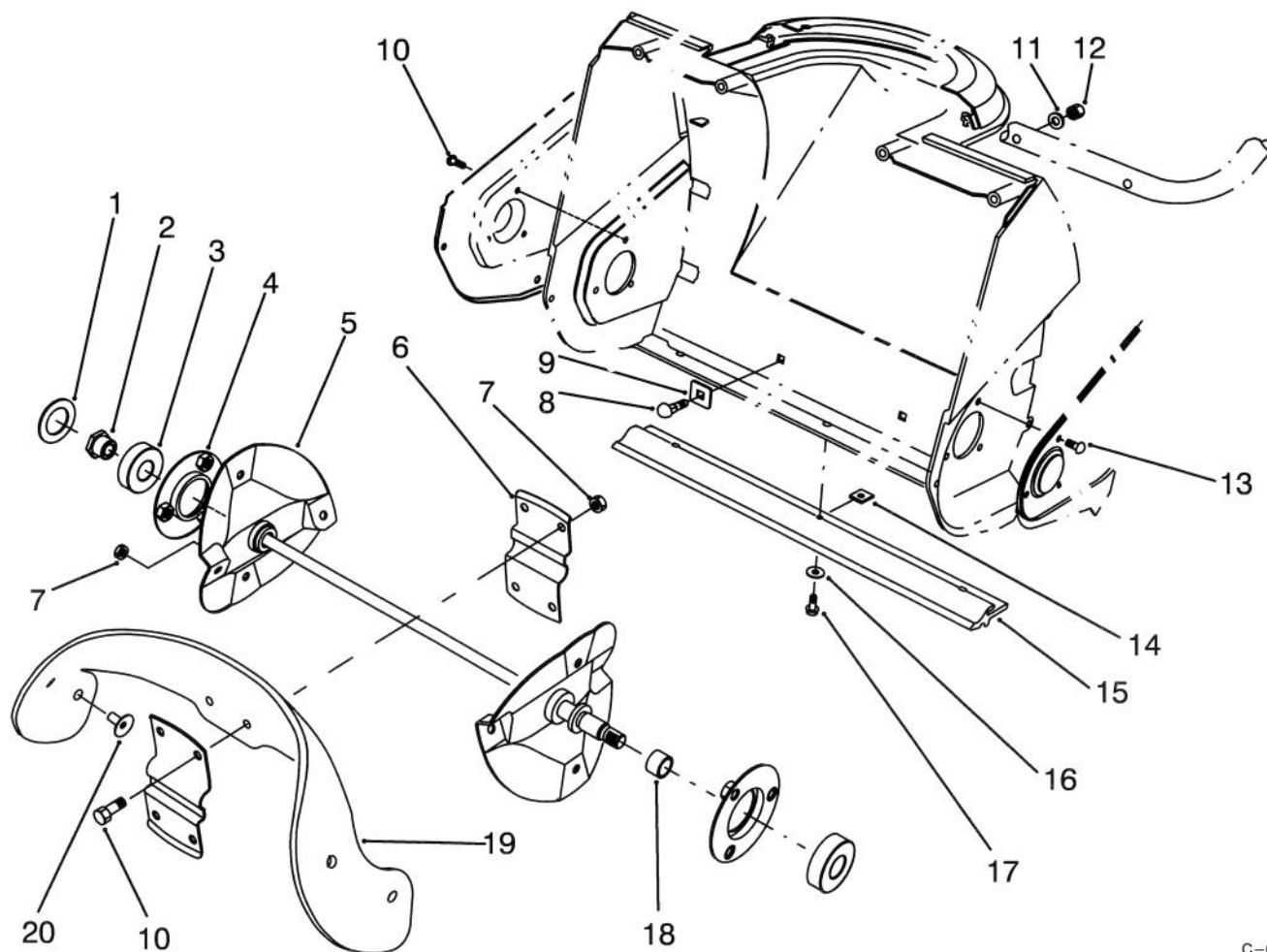


C-0625

PULLEY & BELT COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3257-3	Key - Woodruff	1
2	75-8810	Sideplate - L.H.	1
3	32144-4	Screw - Hex. Hd.	4
4	75-8870	Bracket - Belt Cover	1
5	71-5050	Hub - Half Sheave	1
6	71-5290	Plate Engine	2
7	75-9020	Spring - Idler	1
8	75-8720	Pin - Idler	1
9	3296-29	Nut - Lock	5
10	71-5060	Cap - Half Sheave	1
11	3256-71	Washer - Flat	1
12	3235-6	Screw - Hex. Hd.	1
13	75-8830	Cover - Belt	1
14	84-5250	Decal - Hot	1
15	3256-1	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
16	46-8094	Screw - Hex. Washer Hd.	3
17	32105-23	Screw - Hex. Hd.	1
18	3296-59	Nut - Lock	1
19	71-5260	Pulley - Idler	1
20	75-9050	Arm - Idler	1
21	75-8700	Bushing - Idler	1
22	3296-38	Nut - Lock	1
23	3256-25	Washer - Flat	1
24	75-8750	Pulley - Driven	1
25	75-9010	V-Belt - Drive	1
26	25-5640	Washer	1
27	75-8740	Hub - Driven Pulley	1
28	3230-23	Screw - Carriage	1
29	3256-14	Washer - Flat	1
30	3296-2	Nut - Lock	1

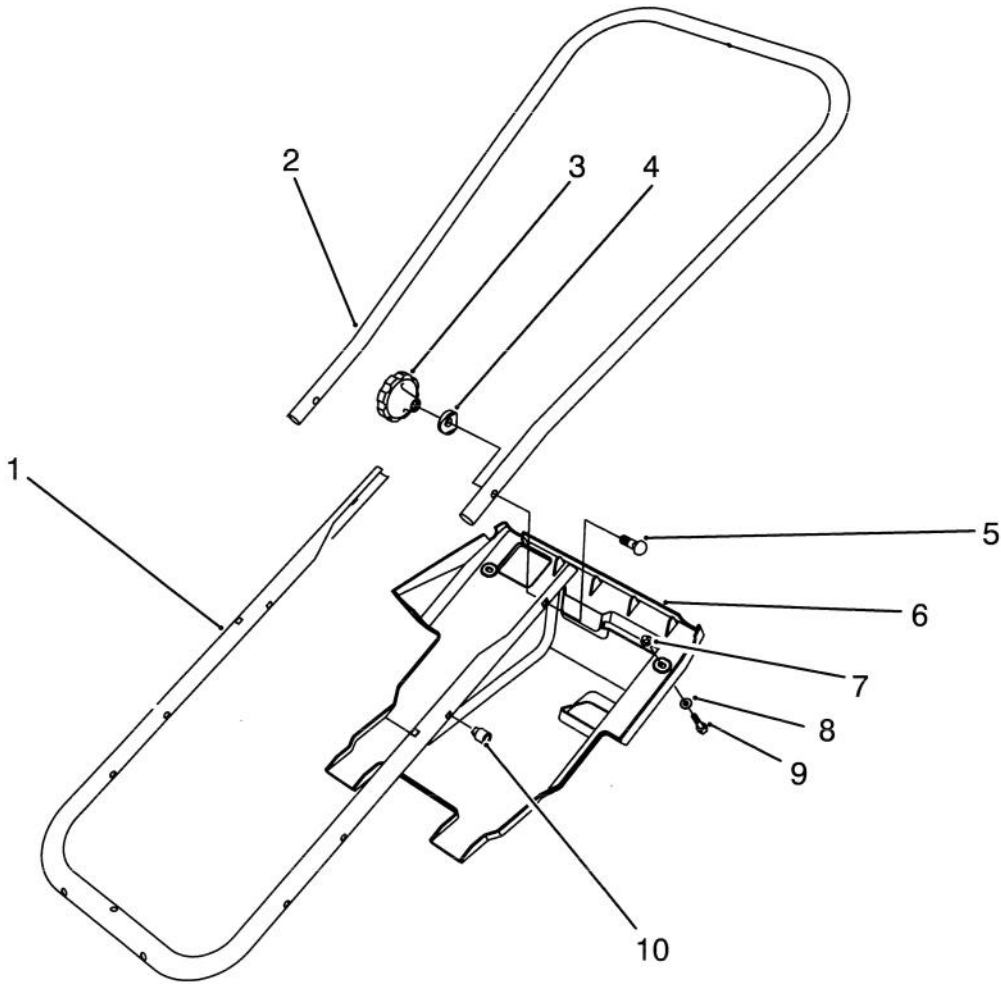


C-0626

AUGER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-9180	Washer - Rubber	1
2	75-8690	Nut - Rotor Shaft	1
3	38-7820	Bearing - Ball	2
4	75-9080	Flange - Bearing	2
5	75-8840	Rotor	1
6	75-8880	Support - Rotor	2
7	3296-56	Nut - Lock	12
8	3229-5	Screw - Carriage	2
9	75-9040	Washer - Square	2
10	3234-33	Screw - Hex. Hd.	7

Ref. No.	Part No.	Description	No. Used
11	3-7501	Washer - Curved	2
12	3296-42	Nut - Lock	2
13	321-3	Screw - Hex. Hd.	3
14	32115-19	J-Nut	3
15	75-8780	Scraper	1
16	3256-14	Washer - Flat	3
17	32144-34	Screw - Hex. Hd.	3
18	75-8710	Spacer - Auger Shaft	1
19	84-1980	Blade - Rotor	2
20	84-1970	Screw - Countersunk Oval	8



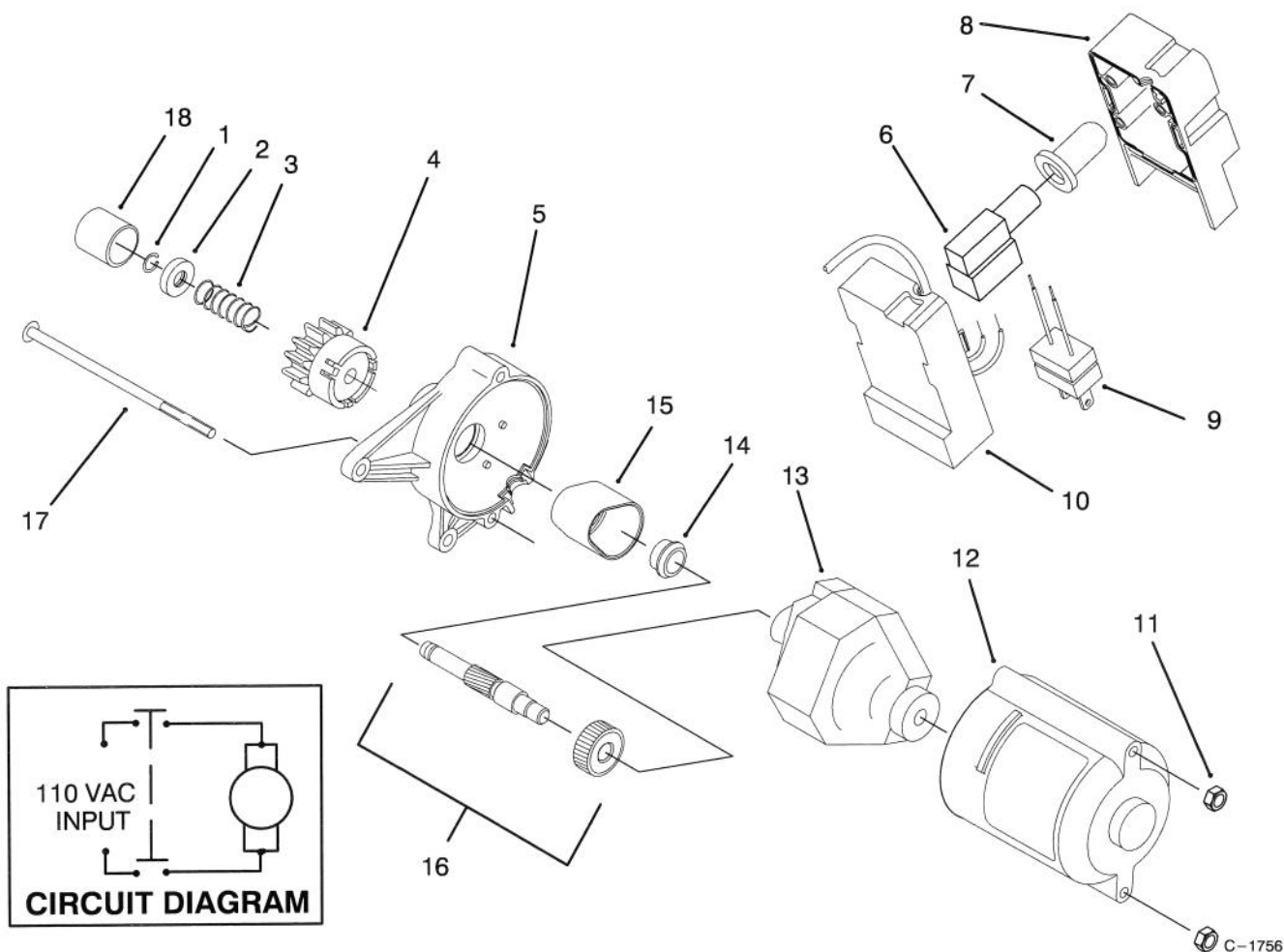
C-0627

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-9060	Tube - Frame	1
2	75-9070	Handle - Upper	1
3	19-4050	Knob - Handle Release	2
4	75-9130	Washer - PM	2
5	17-9426	Screw - Handle	2
6	75-8790	Shroud - Lower	1

Ref. No.	Part No.	Description	No. Used
7	3290-453	Nut - Push	2
8	3256-14	Washer - Flat	2
9	32144-34	Screw - Hex. Hd.	2
10	32115-17	Nut - Push	2
*	61-4790	Decal - Warning (Model 38176 Only)	1

*Not Illustrated



STARTER MOTOR ASSEMBLY (MODEL 38176 ONLY)

Ref. No.	Part No.	Description	No. Used
1	61-4680	Ring - Lock	1
2	61-4670	Stop - Pinion	1
3	61-4690	Spring - Anti - Drift	1
4	84-5240	Pinion Assembly	1
5	70-7810	Housing - Upper Starter	1
6	61-4820	Switch - Starter	1
7	61-4810	Boot - Switch	1
8	80-3740	Cap - Switch Housing	1
9	36-8370	Plug - Power	1
10	80-3730	Base - Switch Housing	1

Ref. No.	Part No.	Description	No. Used
11	3296-2	Nut - Lock	2
12	70-7820	Housing - Lower Starter	1
13	70-7830	Motor	1
14	70-7900	Bushing - Upper	1
15	70-7850	Cover - Gear	1
16	92-6003	Gear & Shaft Assembly	1
17	32144-101	Screw - Machine	2
18	70-7890	Cap - Pinion	1
*	77-0402	Starter Motor Assembly	1
*	28-9170	Cord - 7 Ft.	1

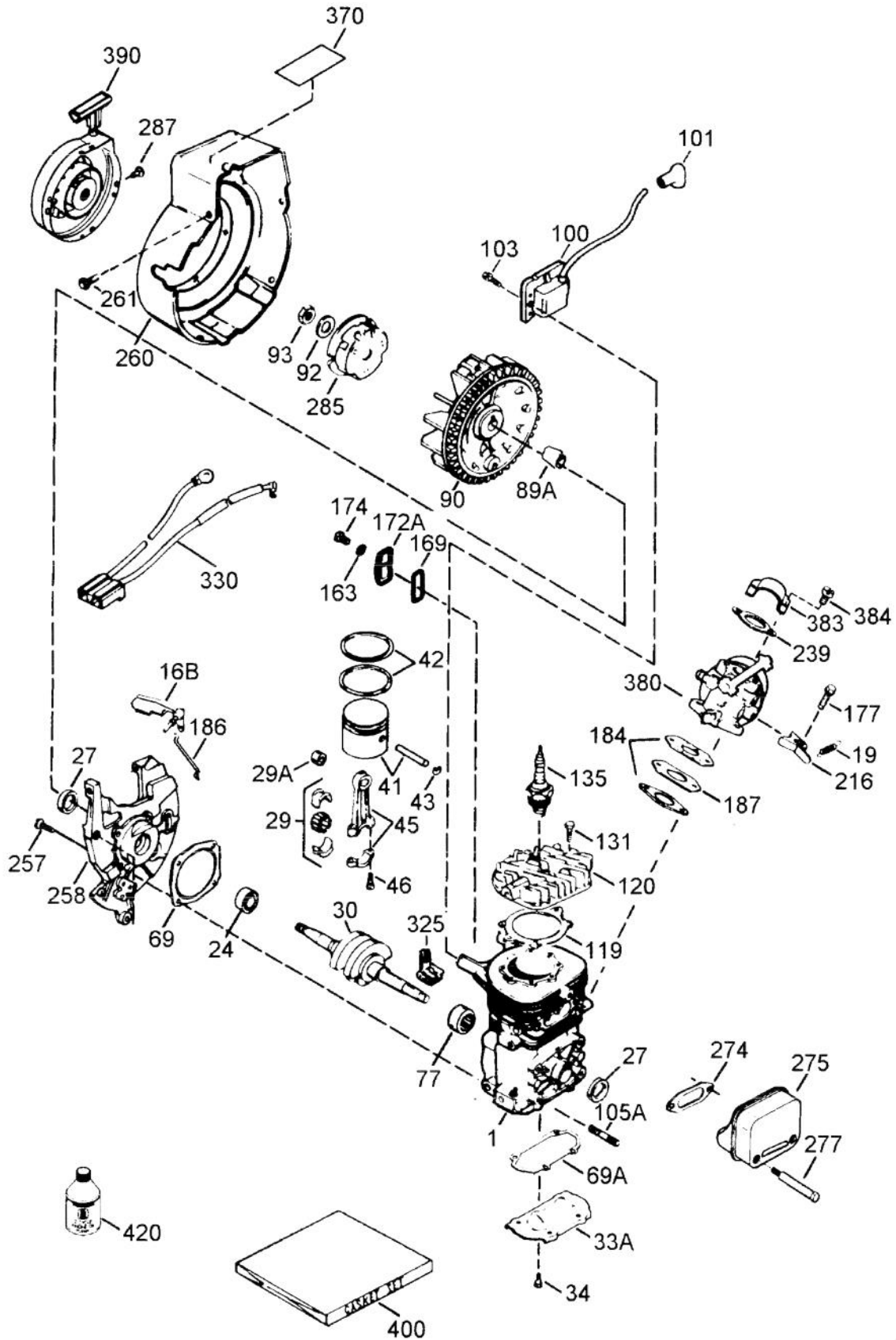
*Not Illustrated

ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1679S (Model 38171 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Block Ass'y – Cylinder (Order short block if replacement is required)	1	135	611049	Plug – Spark (RCJ-8Y or equivalent)	1
16B	490291A	Vane Ass'y – Air	1	169	*510325A	Gasket – Cover	1
19	570707	Spring – Governor	1	172A	570708	Cover Assembly – Compression Release	1
24	530110	Bearing – Ball	1	174	650579	Screw – Pan Flex Hd.	1
27	510319	Seal – Crankshaft	2	163	650838	Washer – Flat	1
29	530150	Bearing & Liner Set – Needle (37 Needles)	1	177	650959	Screw	2
29A	530104A	Bearing – Cartridge	1	184	*510326A	Gasket – Carburetor	2
30	290602	Crankshaft	1	186	490322	Link – Governor	1
33A	570644	Plate – Cover	1	187	570438A	Spacer	1
34	650579	Screw – Pan Flex Hd.	4	216	570645	Level – Adjusting	1
41	310283A	Piston & Pin Ass'y (Incl. ref. #43)	1	239	35815	Gasket – Filter Base	1
42	310190	Ring Set – Piston	1	257	650911	Screw – Torx Pan Hd.	4
43	310167	Ring – Piston Pin Retaining	2	258	350396	Base Assembly – Blower Housing (Incl ref. #27)	1
45	310235B	Rod Ass'y – Connecting (Incl. ref. #29, 29A & 46)	1	260	350445	Housing – Blower	1
46	650633	Screw – Connecting Rod	2	261	650737	Screw – Hex Washer Hd.	4
69	*510292A	Gasket – Cylinder Cover	1	274	*510207A	Gasket – Exhaust	1
69A	*510323A	Gasket – Cover Plate	1	275	390332	Muffler (Incl. ref. #274 & 277)	1
77	530105	Bearing – Needle	1	277	650869	Screw – Hex Hd.	2
89A	611032	Sleeve – Flywheel	1	285	590551	Cup – Starter	1
90	611112	Flywheel	1	287	650926	Screw	3
92	650815	Washer – Belleville	1	325A	29443	Clip – Spring	1
93	650390	Nut – Flywheel	1	330	611131A	Harness – Wire	1
100	34443A	Solid State Assembly (Incl. ref. #101)	1	370	35977	Decal – Caution	1
101	610118	Cover – Spark Plug	1	380	632641	Carburetor (Incl. ref. #184)	1
103	650814	Screw – Hex. Hd. Sems	2	383	570434	Baffle – Air	1
105A	650796	Stud – Cylinder	4	384	650229	Screw – Pan Hd. Sems	2
119	*510274A	Gasket – Cylinder Head	1	390	590652	Starter Ass'y – Rewind	1
120	250240B	Head – Cylinder	1	400	510324B	Gasket Set	1
131	650477	Screw – Pan Flex Hd.	5	420	730227A	Oil – 2 Cycle (8 oz.)	1

*Indicates parts included in Gasket Set ref. #400

ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1680S (Model 38176 Only)

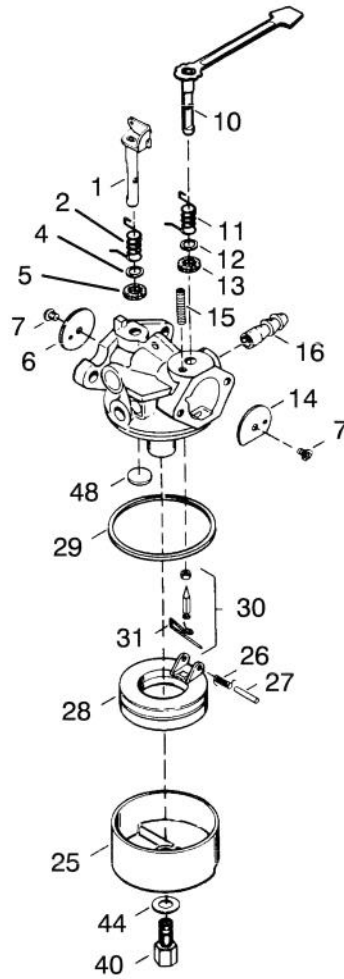


ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1680S (Model 38176 Only)

Ref. No.	Part No.	Description	No. Used
1		Block Ass'y - Cylinder (Order short block if replacement is required)	1
16B	490291A	Vane Ass'y - Air	1
19	570707	Spring - Governor	1
24	530110	Bearing - Ball	1
27	510319	Seal - Crankshaft	2
29	530150	Bearing & Liner Set - Needle (37 Needles)	1
29A	530104A	Bearing - Cartridge	1
30	290602	Crankshaft	1
33A	570644	Plate - Cover	1
34	650579	Screw - Pan Flex Hd.	4
41	310283A	Piston & Pin Ass'y (Incl. ref. #43)	1
42	310190	Ring Set - Piston	1
43	310167	Ring - Piston Pin Retaining	2
45	310235B	Rod Ass'y - Connecting (Incl. ref. #29, 29A & 46)	1
46	650633	Screw - Connecting Rod	2
69	*510292A	Gasket - Cylinder Cover	1
69A	*510323A	Gasket - Cover Plate	1
77	530105	Bearing - Needle	1
89A	611032	Sleeve - Flywheel	1
90	611066	Flywheel	1
92	650815	Washer - Belleville	1
93	650390	Nut - Flywheel	1
100	34443A	Solid State Ass'y (Incl. Ref. #101)	1
101	610118	Cover - Spark Plug	1
103	650814	Screw - Hex. Hd. Sems	2
105A	650796	Stud - Cylinder	4
119	*510274A	Gasket - Cylinder Head	1
120	250240B	Head - Cylinder	1
131	650477	Screw - Pan Flex Hd.	5

Ref. No.	Part No.	Description	No. Used
135	611049	Plug - Spark (RCJ-8Y or equivalent)	1
163	650838	Washer - Flat	1
169	*510325A	Gasket - Cover	1
172A	570708	Cover Ass'y - Compression Release	1
174	650579	Screw - Torx. Hd.	1
177	650959	Screw	2
184	*510326A	Gasket - Carburetor	2
186	490322	Link - Governor	1
187	570438A	Spacer	1
216	570645	Level - Adjusting	1
239	35815	Gasket - Filter Base	1
257	650911	Screw - Torx Pan Hd.	4
258	350422	Base Ass'y - Blower Housing (Incl ref. #27)	1
260	350437	Housing - Blower	1
261	650737	Screw - Hex. Washer Hd.	3
274	*510207A	Gasket - Exhaust	1
275	390332	Muffler (Incl. Ref. #274 & 277)	1
277	650869	Screw - Torx Pan Hd.	2
285	590551	Cup - Starter	1
287	650926	Screw	3
325A	29443	Clip - Spring	1
330	611131A	Harness - Wire	1
370	35977	Decal - Caution	1
380	632641	Carburetor (Incl. ref. #184)	1
383	570434	Baffle - Air	1
384	650229	Screw - Pan Hd. Sems	2
390	590652	Starter Ass'y - Rewind	1
400	510324B	Gasket Set	1
422	730227A	Oil - 2 Cycle (8 oz.)	1

*Indicates parts included in Gasket Set ref. #400

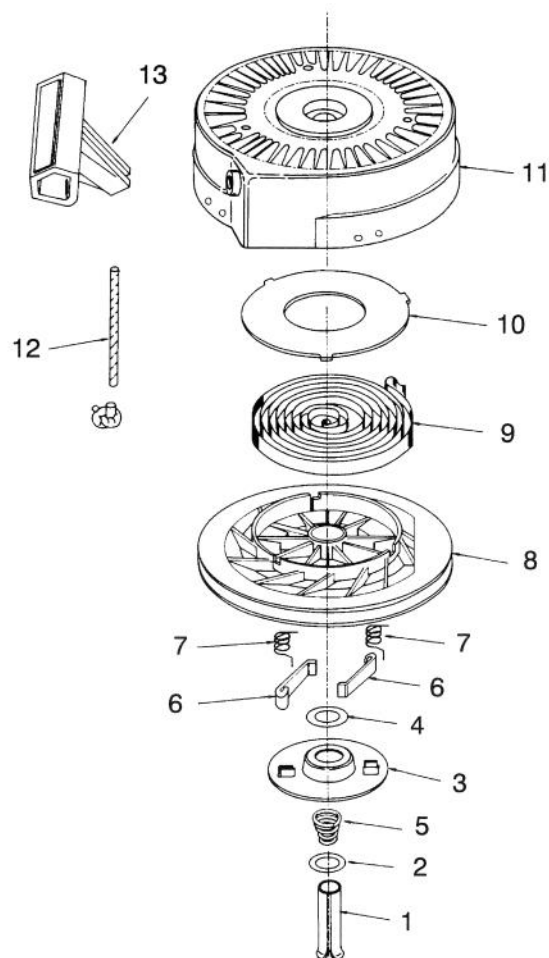


C-1748

CARBURETOR NO. 632641

Ref. No.	Part No.	Description	No. Used
1	632166	Throttle Shaft & Lever Assy.	1
2	632169	Spring - Throttle Return	1
4	631184	Washer - Steel	1
5	631183	Washer - Felt	1
6	631621	Shutter - Throttle	1
7	650506	Screw - Shutter	2
10	632553	Choke Shaft & Lever Assy.	1
14	631815	Shutter - Choke	1
15	630735	Spring - Choke Positioning	1
16	632164	Fitting - Fuel Inlet	1
25	631700	Bowl - Float	1

Ref. No.	Part No.	Description	No. Used
26	632386	Spring - Float Shaft	1
27	631024	Shaft - Float	1
28	632019	Float - Carburetor	1
29	631028	Seal - O-Ring	1
30	631021	Inlet Needle, Seat & Clip (Incl. ref. #3)	1
31	631022	Clip - Inlet Needle	1
40	632385	Nut - Float Bowl	1
44	631334	Gasket - Bowl	1
48	631027	Plug - Welch	1



C-1750

RECOIL STARTER NO. 590652

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	590599A	Pin - Spring (Incl. Ref. #4)	1	8	590413A	Pulley Assembly (Incl. Ref. #9 & 10)	1
2	590600	Washer	1	9	590619	Spring - Rewind	1
3	590615	Retainer	1	10	590620	Cover - Spring	1
4	590601	Washer	1	11	590643	Starter Housing Assembly	1
5	590598	Spring - Brake	1	12	590535	Rope - Starter	1
6	590616	Dog - Starter	2	13	590452	Handle - Starter	1
7	590617	Spring - Dog	2				

