



CCR[™] 1000E Snowthrower

Model No. 38405—210000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

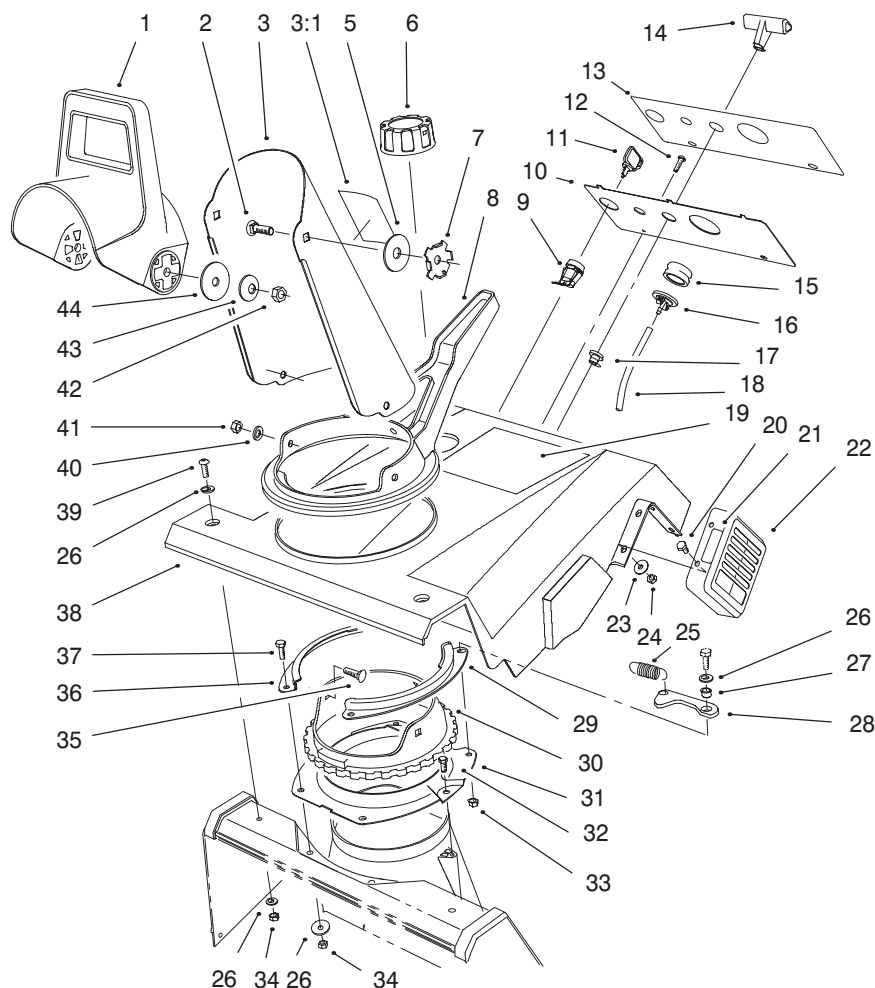
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

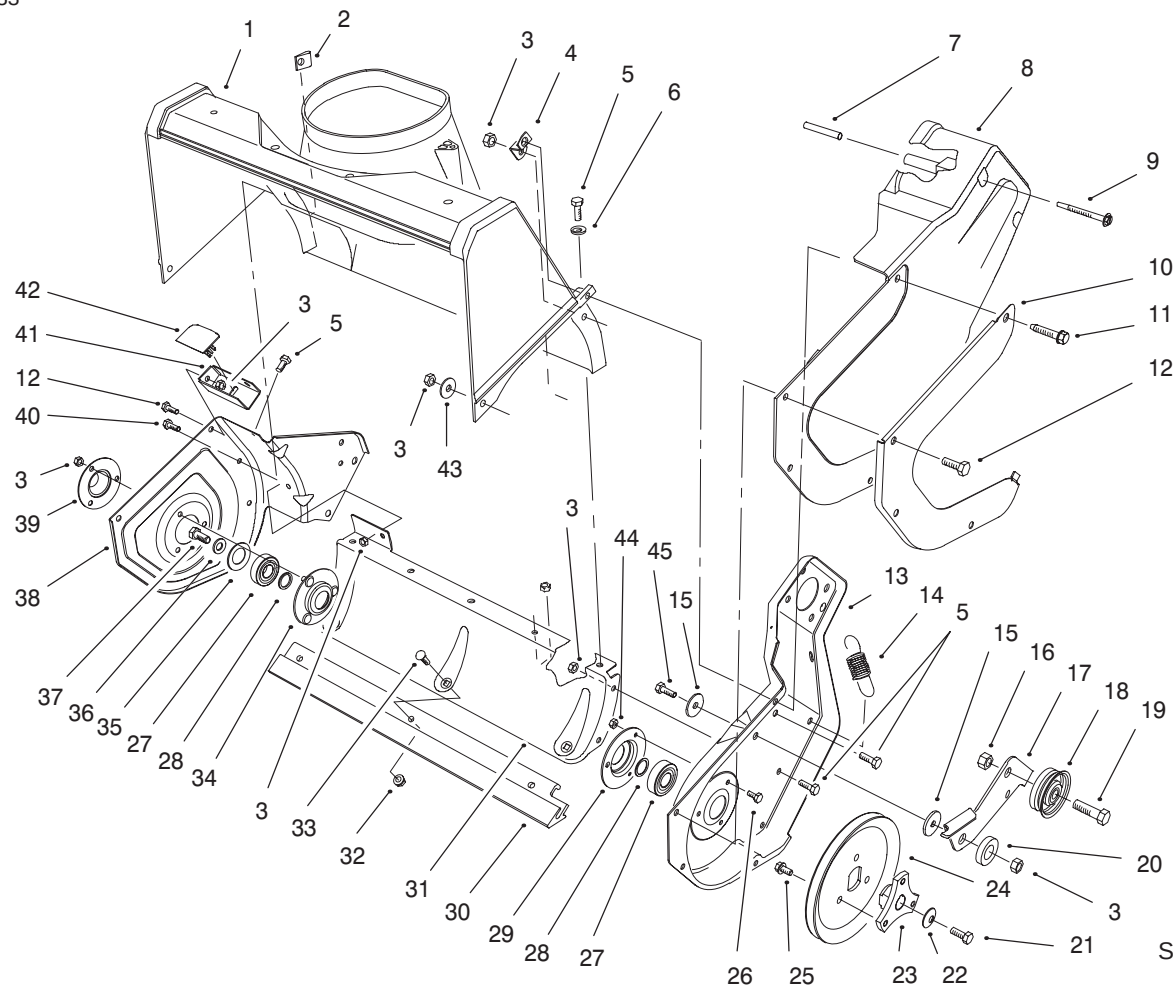
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	INC	incorporated
ASM	assembly	LH	left hand
CARR	carriage	NI	nylon insert
DEG	degrees	PPH	Phillips pan head
FH	flat head	PTH	Phillips truss head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HH	hex head	SFH	slotted fillister head
HHF	hex head flange	SHH	slotted hex head
HLH	hex lag head	SQH	square head
HJ	hex jam	SHWH	slotted hex washer head
HOC	height-of-cut	SPH	slotted pan head
HS	hex socket	SRH	slotted round head
HSBH	hex socket button head	STD	standard
HSFH	hex socket flat head	TAP	self tapping
HSH	hex socket head	TTH	Torx truss head
HWH	hex washer head	WH	wing head
HWHTF	hex washer head thread forming		



Sheet No.:2

Deflector & Control Panel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector	26	3256-22	7	Washer-Flat
2	3230-22	2	Screw-CARR	27	55-9370	1	Spacer-Blade, Rotor
3	104-4115	1	Chute-Discharge w/Decal	28	80-4610	1	Detent
3:1	104-4135	1	Decal-Danger	29	71-4980-03	1	LH Chute Ring Retr
5	20-4320	2	Washer-Rubber	30	104-2763	1	Ring-Chute
6	55-3573	1	Cap-Fuel ASM	31	55-8921-03	1	Ring-Support, Chute
7	55-8950	2	Plate-Friction	32	46-8092	2	Screw-Plastite
8	71-4940	1	Chute - Handle	33	3296-56	1	Nut-Lock, NI
9	40-5940	1	Switch-On/Off	34	3296-42	5	Nut-Lock
10	71-5241-03	1	Control Panel	35	100-5488	3	Screw-Pth
11	63-8360	1	Key-Ignition	36	71-4990-03	1	Retaining-Ring, Chute RH
12	32144-53	2	Screw TAP	37	321-4	4	Screw-HH
13	104-2786	1	Decal-Control Panel	38	80-4811	1	Shroud-Upper
14	92-4853	1	Handle-Starter	39	3250-32	2	Screw-PPH
15	66-7460	1	Bulb-Primer	40	3256-70	3	Washer-Flat
16	44-2750	1	Body-Primer	41	32149-1	3	Nut-Keps
17	23-7470	1	Guide-Starter Rope	42	3296-29	2	Nut-Lock
18	44-3173	1	Hose-Primer	43	3290-456	2	Washer-Belleville
19	100-3558	1	Decal-Ccr1000e	44	3256-68	2	Washer-Flat
20	3290-359	4	Screw-HWH				
21	104-2767	1	Decal-Hot Surface				
22	71-5340-03	1	Guard-Muffler				
23	3256-61	4	Washer-Flat				
24	3296-2	4	Nut-Lock				
25	80-4600	1	Spring - Detent				

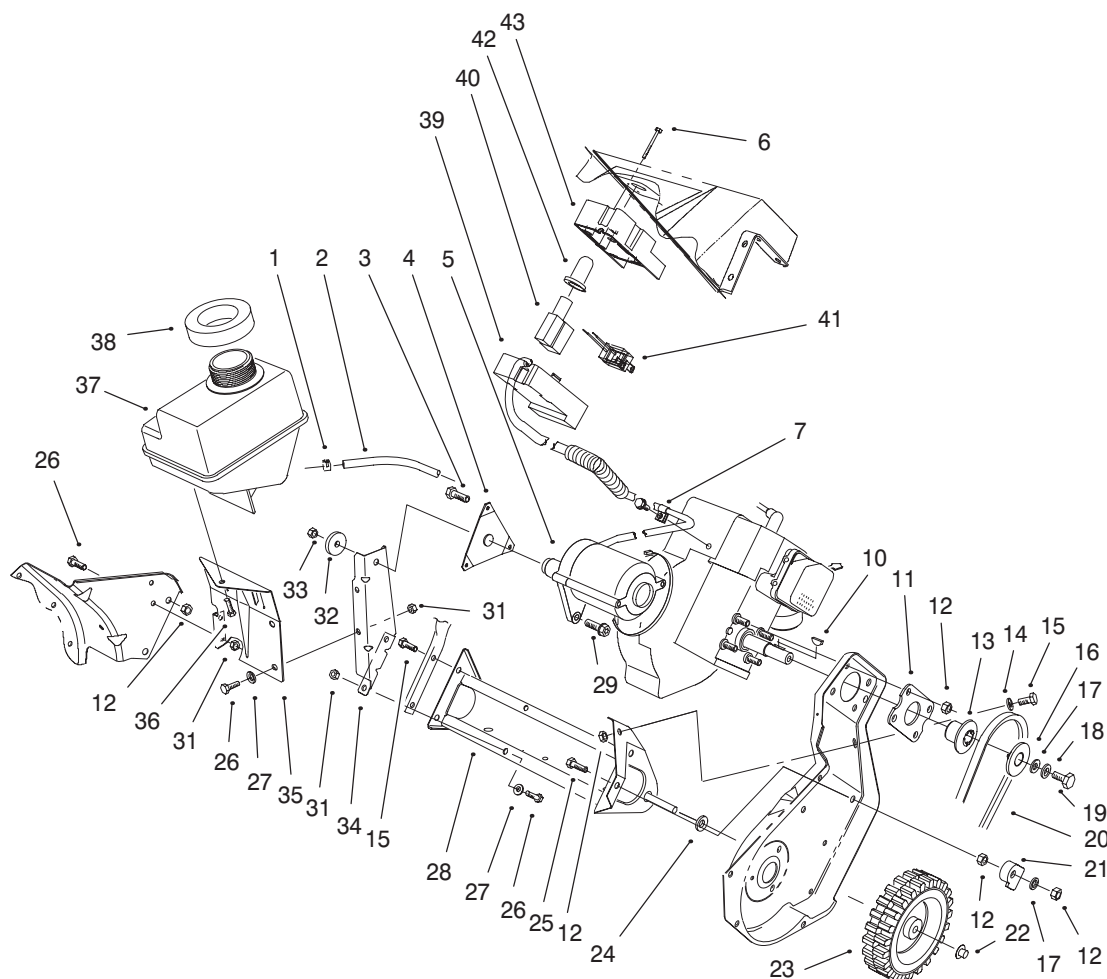


Sheet No.:3

Housing & Side Plate Assembly

Ref. No.	Part No.	Qty.	Description
1	55-8700	1	Housing
2	32115-14	1	Speed Nut
3	3296-42	21	Nut-Lock
4	55-9430	1	Bracket-Housing
5	321-4	10	Screw-HH
6	3256-22	5	Washer-Flat
7	57-3830	2	Tubular Spacer
8	71-5030	1	Drive Cover
9	71-5350	2	Screw Thread Forming
10	71-5150-03	1	Edge Guard
11	36-3860	1	Screw
12	32105-15	7	Screw
13	71-4911-03	1	Left Sideplate
14	71-5470	1	Spring-Brake
15	3256-55	2	Washer-Flat
16	3296-39	1	Nut-Lock, NI
17	71-5160	1	Brake Arm Idler
18	71-5260	1	Pulley-Idler
19	323-44	1	Screw-HH
20	80-4620	1	Spacer
21	321-30	1	Screw-HH
22	3290-456	1	Washer-Belleville
23	71-5070	1	Hub-Mounting, Pulley
24	71-5410	1	Rotor Pulley
25	12-3270	3	Screw
26	32105-8	3	Screw

Ref. No.	Part No.	Qty.	Description
27	38-7820	2	Bearing-Ball
28	52-7280	2	Washer-Thrust
29	38-8620	1	Flange-Bearing
30	71-5390	1	Scraper
31	71-4930-03	1	Lower Housing
32	32128-10	3	Locknut-Flange
33	3229-11	3	Screw-CARR
34	52-9110	1	Flange-Bearing
35	52-7270	1	Washer-Rubber
36	3256-24	1	Washer-Flat
37	3234-25	1	Bolt-Flange
38	71-4920-03	1	RH Sideplate
39	52-7290-03	1	Retainer-Bearing
40	321-39	1	Screw-HH
41	71-5310-03	1	Support-Bracket, Sideplate
42	71-5270	1	Bracket Cover
43	3256-67	2	Washer-Flat
44	3296-2	3	Nut-Lock
45	321-6	1	Screw-HH

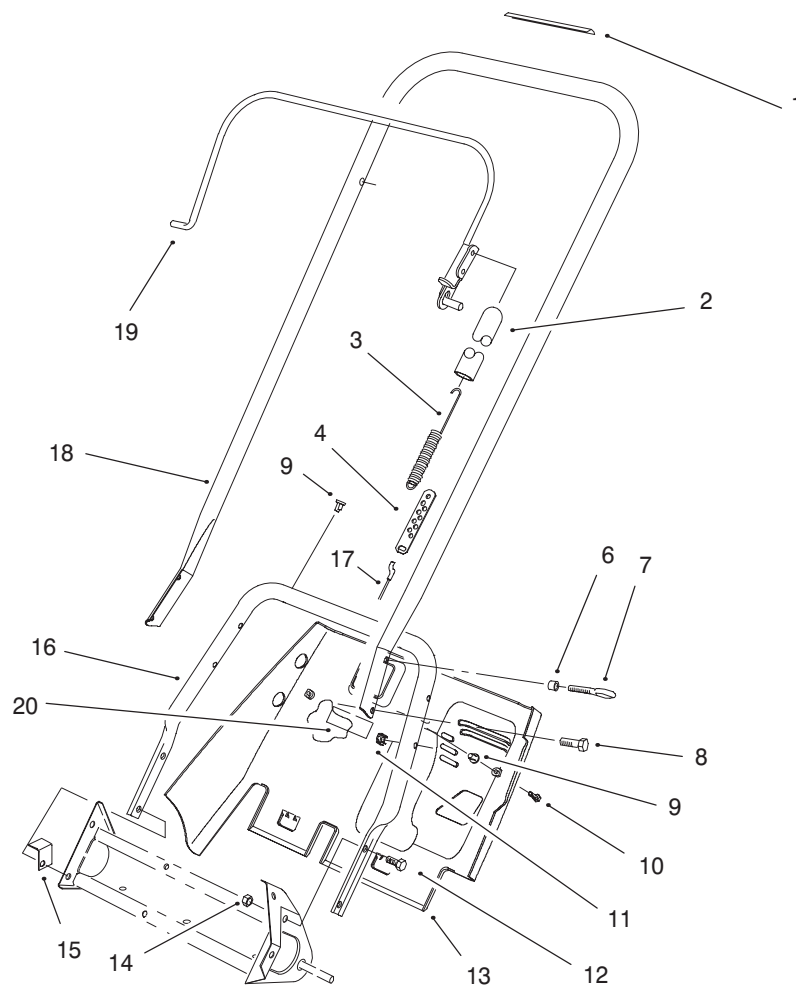


Sheet No.:4

Engine & Gas Tank Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2412-98	2	Clamp	23	23-3250	2	Wheel
2	49-2482	1	Line-Fuel	24	71-5440	2	Spacer-Wheel
3	3255-10	1	Washer-Lock/Ext	25	322-5	1	Screw-HH
3	92-6031	1	Screw	26	321-4	6	Screw-HH
3	94-2789	3	Screw	27	3256-22	4	Washer-Flat
4	92-6012	1	Bracket/Stud ASM	28	71-5200-03	1	Frame
5	77-0401	1	Motor & Switch Housing ASM	29	80-0700	2	Screw - Mtg Torx
6	32144-27	3	Screw-Plastite	31	3296-42	6	Nut-Lock
7	2412-91	1	Clamp	32	71-5320	1	Washer-Support, Engine
9		1	Engine-Tecumseh Hsk635-17214	33	3296-16	1	Nut-Lock, NI
9:3	92-4853	1	Handle-Starter	34	71-5210-03	1	Support-Engine
10	3257-3	1	Key-Woodruff	35	71-5220-03	1	Bracket-Tank
11	71-5290-03	1	Plate-Engine	36	32144-53	1	Screw TAP
12	3296-29	8	Nut-Lock	37	71-5020	1	Fuel Tank
13	71-5050	1	Hub - Half Sheave	38	55-9310	1	Seal-Foam
14	3256-23	1	Washer-Flat	39	100-3441	1	Switch-Base Housing
15	322-3	3	Screw-HH	40	61-4820	1	Switch, Starter
16	71-5060	1	Cap - Half Sheave	41	94-9933	1	Plug-Power
17	3256-71	2	Washer-Flat	42	61-4810	1	Boot, Switch
18	3290-456	1	Washer-Belleville	43	100-3442	1	Switch-Cap Housing
19	3235-6	1	Screw-Hex Hd	*99	28-9170	1	Cord
20	71-5381	1	V-Belt				
21	84-5610	1	Guide-Cable				
22	3290-320	2	Retainer-Push On				

* Not illustrated



Sheet No.:5

Handle Assembly

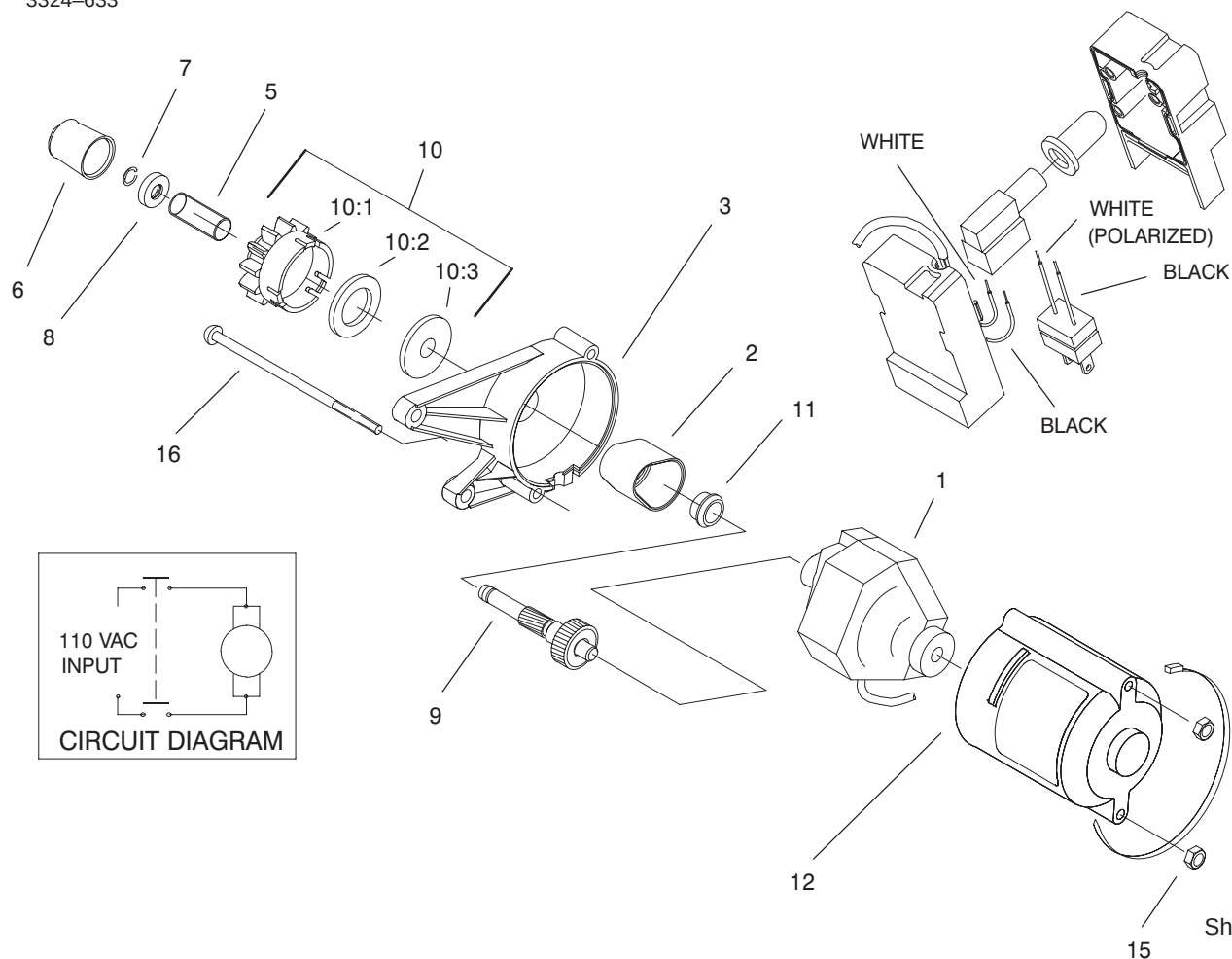
Ref. No.	Part No.	Qty.	Description
1	104-2775	1	Decal-Rotor Drive
2	71-5530	1	Spring Cover
3	71-5480	1	Clutch Spring
4	71-5330	1	Clutch Cable Adjuster
6	55-9370	1	Spacer-Blade, Rotor
7	3299-1	1	Eyebolt
8	32105-11	3	Screw-Hex Hd Slot
9	3290-486	5	Expansion Type Fastener
10	32144-53	3	Screw TAP
11	3290-225	4	Tinnerman Nut
12	322-3	2	Screw-HH
13	71-5040	1	Lower Shroud
14	3296-29	2	Nut-Lock
15	71-5600	1	Shroud Bracket
16	71-5370-03	1	Tube-Handle, Lower
17	55-9322	1	Cable-Clutch
18	100-3599	1	Upper Handle ASM
18:1	66-6870	1	Decal - Rotor Drive
19	71-5120-03	1	Bail
20	61-4790	1	Decal

Ref. No.	Part No.	Qty.	Description

Rotor Assembly

Ref. No.	Part No.	Qty.	Description
1	104-2753	2	Blade-Rotor
2	55-9370	4	Spacer-Blade, Rotor
3	100-5478-03	1	Rotor
4	3296-56	13	Nut-Lock, NI
5	66-6600-03	2	Rotor Half
6	10-8040	1	Key-Square
7	84-1971	8	Screw
8	321-8	1	Screw-HH
9	321-4	4	Screw-HH

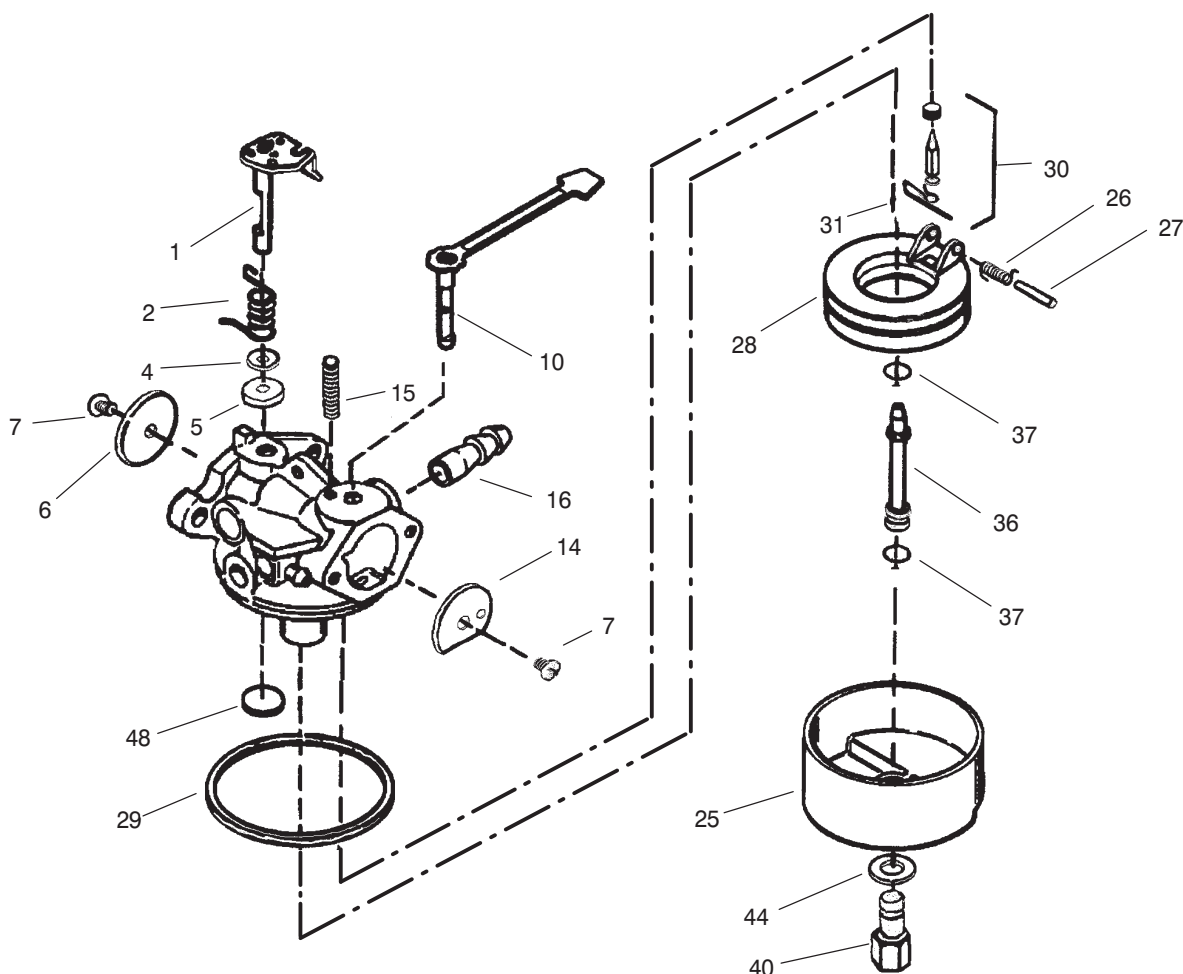
Ref. No.	Part No.	Qty.	Description



Motor & Switch Housing Assembly (120 Volt)

Ref. No.	Part No.	Qty.	Description
1	70-7802	1	Starter Motor ASM
2	70-7850	1	Cover-Gear
3	100-3443	1	Housing-Upper Starter
5	61-4690	1	Spring
6	70-7890	1	Pinion-Cap
7	61-4680	1	Ring-Lock
8	100-2902	1	Stop-Pinion
9	95-1797	1	Shaft/Gear ASM
10	84-5240	1	Pinion ASM
10:1	70-7790	1	Nut
10:2	84-5230	1	Pinion
10:3	84-5440	1	Ring - Rubber
11	70-7900	1	Bushing
12	100-3444	1	Housing-Lower Starter
15	3296-2	2	Nut-Lock
16	32144-101	2	Screw

Ref. No.	Part No.	Qty.	Description

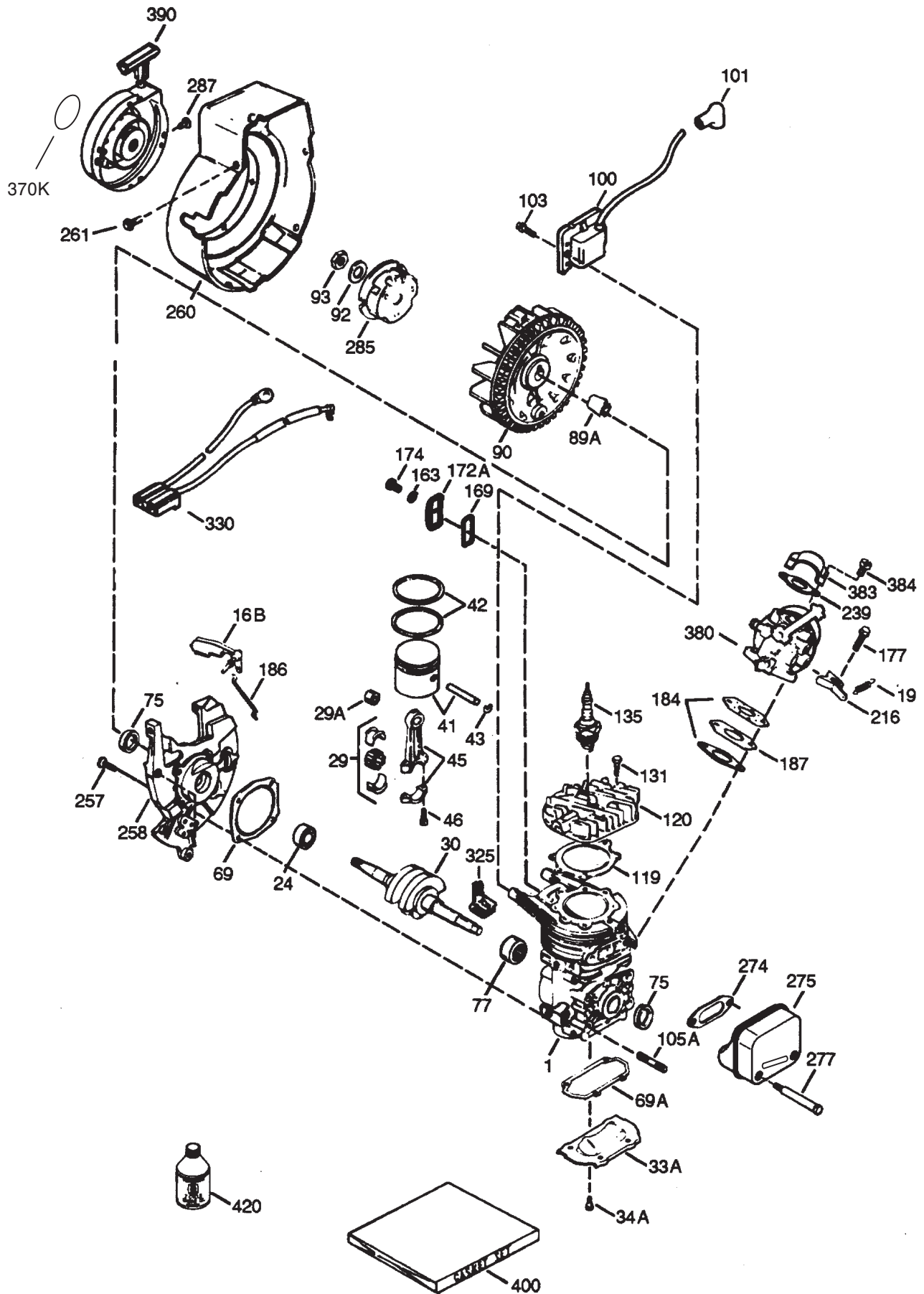


Carburetor No. 640086

Ref. No.	Part No.	Qty.	Description
1	632166A	1	Throttle Shaft & Lever ASM
2	632169	1	Throttle Return Spring
4	631184	1	Dust Seat Washer
5	631183	1	Dust Seat (Throttle)
6	631621	1	Throttle Shutter
7	650506	2	Shutter Screw
10	632553		Choke Shaft & Lever ASM
14	631815	1	Choke Shutter
15	630735	1	Choke Positioning Spring
16	632164	1	Fuel Fitting
25	631867	1	Float Bowl
26	632386	1	Float Dampening Spring
27	631024	1	Float shaft
28	632019	1	Float
29	631028	1	Float Bowl "O" Ring
30	631021	1	Inlet Needle, Seat & Clip (Incl. Ref. #31)
31	631022	1	Spring Clip
36	640080	1	Main Nozzle Tube
37	632547	1	"O" Ring, Main Nozzle Tube
40	640087	1	High Speed Bowl Nut

Ref. No.	Part No.	Qty.	Description
44	27110	1	Bowl Nut Washer
48	631027	1	Welch Plug

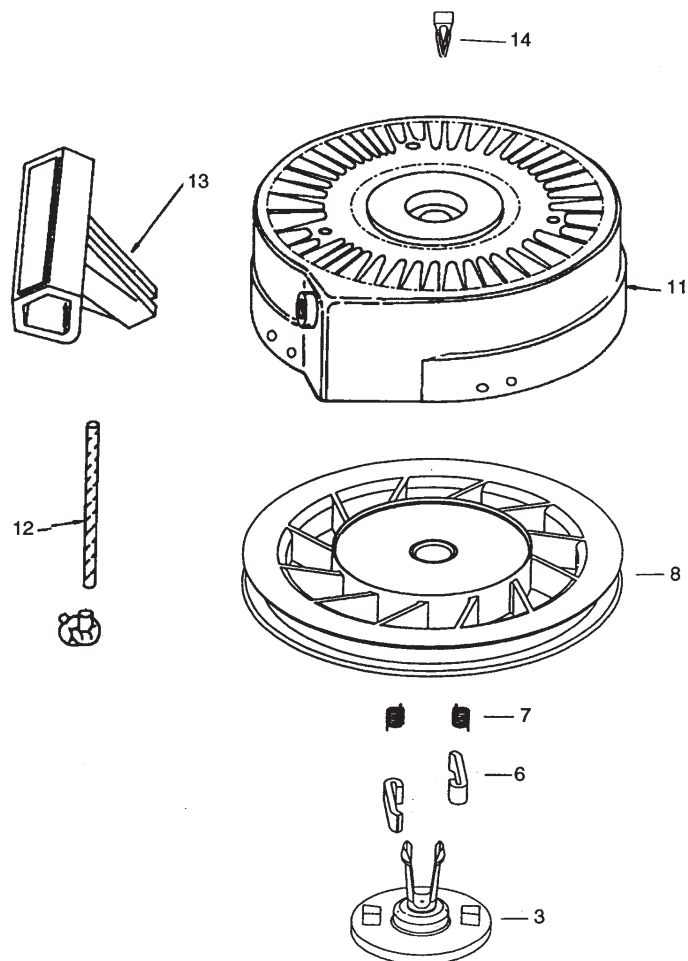
Engine Tecumseh Model No. HSK635-1721A



Engine Tecumseh Model No. HSK635-1721A

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	Cylinder	1	(Order Short Block if Replacement is needed)	330	611153	1	Wire Harness
16B	490291A	1	Air Vane	370K	36695	1	Starter Decal
19	570707	1	Extension Spring	380	640086	1	Carburetor (Incl. Ref. #184)
24	530110	1	Ball Bearing	383	570434	1	Spit Cup
29	530150	1	Needle Bearing & Liner Set (37 Needles)	384	650431	2	Screw, Torx T-25
29A	530104A	1	Cartridge Bearing	390	590743	1	Rewind Starter
30	290602	1	Crankshaft	400	510324B	1	Gasket Set
33A	570644	1	Cover Plate	420	730227A	1	2-Cycle Oil (8 oz.)
34A	650579	4	Screw, Torx T-25				
41	310283A	1	Piston & Pin ASM				
42	310190	2	Ring Set				
43	310167	2	Piston Pin Retaining Ring				
45	310235B	1	Connecting Rod ASM (Incl. Ref. #29, 29A, & 46)				
46	650633	4	Connecting Rod Bolt				
*69	510292A	1	Cylinder Cover Gasket				
*69A	510323A	1	Cover Plate Gasket				
75	510319	2	Oil Seal				
77	530105	1	Cartridge Bearing				
89A	611032	1	Adapter Sleeve				
90	611066	1	Flywheel				
92	650815	1	Belleville Washer				
93	650390	1	Flywheel Nutt				
100	34443B	1	Solid State Ignition (Incl. Ref. #101)				
101	610118	1	Spark Plug Cover				
103	651007	2	Screw, Torx T-15				
105A	650796	4	Stud				
*119	510274A	1	Cylinder Head Gasket				
120	250240B	1	Cylinder Head				
131	650477	5	Screw, Torx T-30				
135	611049	1	Resistor Spark Plug				
163	650838	1	Washer				
*169	510325A	1	Cover Plate Gasket				
172A	570708	1	Compression Release Cover				
174	650579	1	Screw, Torx T-25				
177	650959	2	Screw				
*184	510326A	2	Carburetor Gasket				
186	490322	1	Governor Link				
187	570438A	1	Spacer				
216	570645	1	R.P.M. Adjusting Lever				
239	35815	1	Air Cleaner Gasket				
257	650911	4	Screw, Torx T-30				
258	350422	1	Blower Housing Base (Incl. Ref. #27)				
260	350437	1	Blower Housing				
261	650737	4	Screw				
*274	513067A	1	Exhaust Gasket				
275	390330	1	Muffler (Incl. Ref. #274 & 277)				
277	650869	2	Screw				
285	590551A	1	Starter Cup				
287	650926	3	Screw				
325	29443	1	Wire Clip				

*Included in Gasket Set No. 510324B



Recoil Starter No. 590743

Ref. No.	Part No.	Qty.	Description
0	590743	1	Rewind Starter
3	590740	1	Retainer
6	590616	2	Starter Dog
7	590617	2	Dog Spring
8	590645A		Pulley & Rewind Spring
		1	ASM
11	590643	1	Starter Housing ASM
12	590535		Starter Rope
		1	(Length 98" x 9/64" Dia.)
13	590701	1	Starter Handle
14	590741	1	Locking Tab

Ref. No.	Part No.	Qty.	Description

Maintenance Record

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Maintenance Record

[illegible]

