



Count on it.

Parts Catalog

Power Clear® 821 R-C Commercial Snowthrower

Model No. 38755—Serial No. 414400000 and Up



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 illustration and in parts 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.

Contents

Chute and Wheel Assembly 4

Rotor Drive Assembly 6

Rotor Assembly 8

Engine Assembly 10

Fuel System and Carburetor Assembly 12

Intake and Exhaust Assembly 14

Ignition and Electrical Assembly 16

Crankcase Assembly 18

Governor Assembly 20

Piston and Head Assembly 22

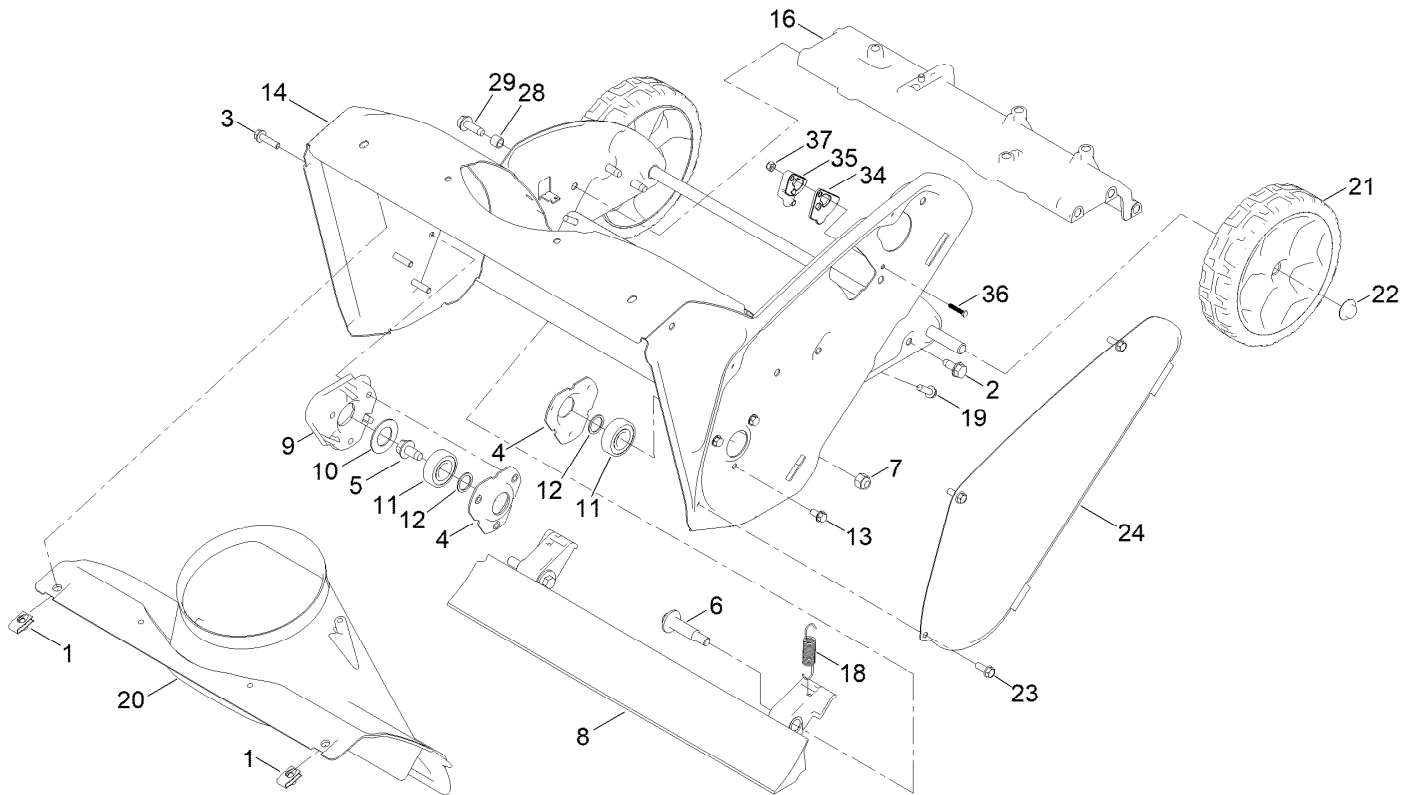
Blower Housing and Shrouds Assembly 24

Shroud and Chute Assembly 26

Handle Assembly 28

Attachments and Accessories 30

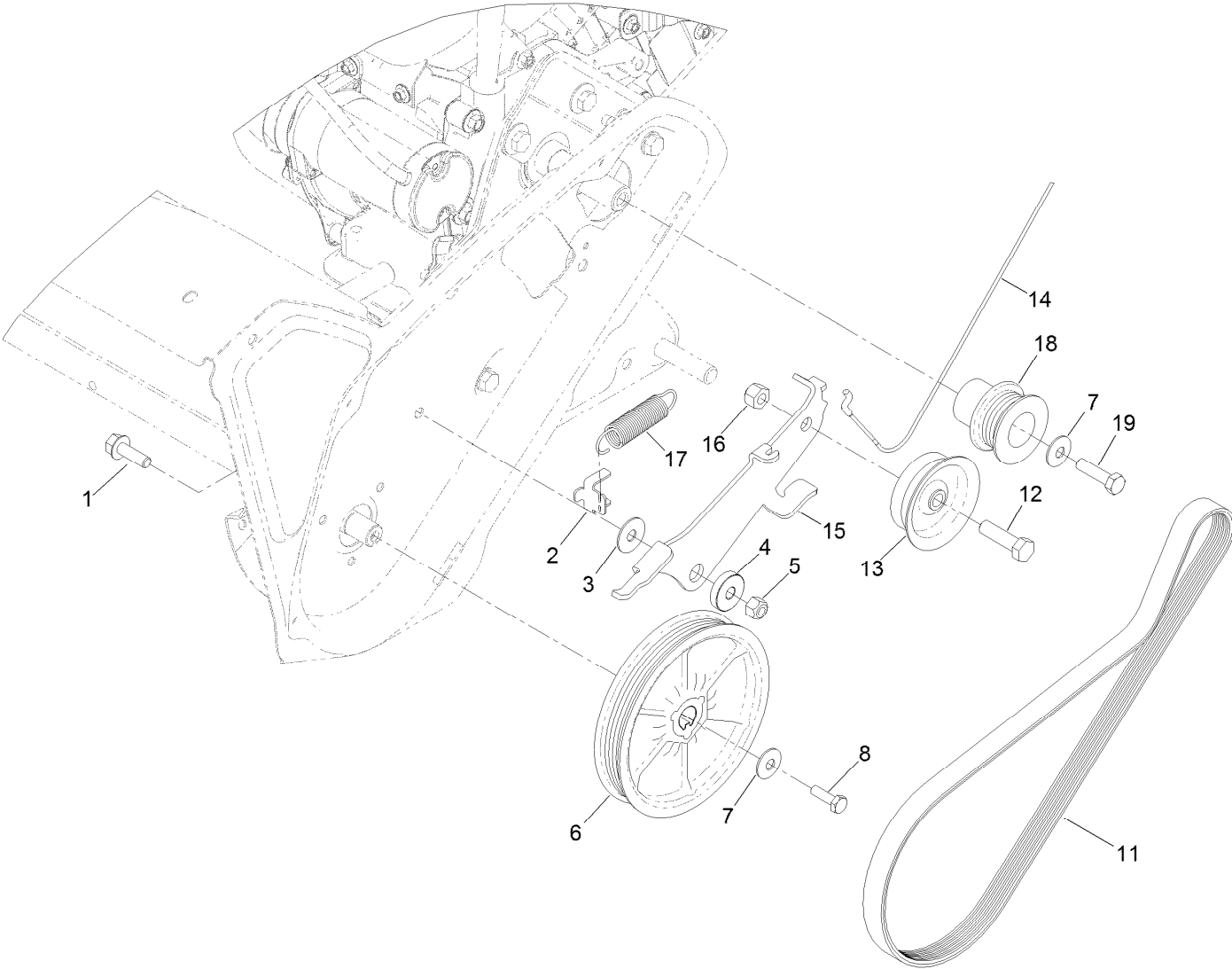
Chute and Wheel Assembly



Chute and Wheel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107069	2	Clip	16	130-9765	1	Brace-Frame
2	32144-11	4	Screw-HWH	18	108-4906	2	Spring-Extension
3	32144-86	3	Screw-HWHTF	19	46-8091	3	Screw-HWH
4	136-7134	2	Flange-Bearing	20	108-4871	1	Chute-Lower
5	110-9380	1	Screw-HWH	21	138-8783	2	Wheel ASM, 7 Inch
6	136-7198	2	Bolt-Shoulder	22	32112-14	2	Nut-Push
7	3296-39	2	Nut-Lock, NI	23	32144-85	3	Screw-HWH Thd Form
8	133-5585	1	Blade-Scraper	24	108-4893-03	1	Cover-Belt
9	114-3781	1	Spacer-Bearing, RH	28	136-7148	2	Spacer-Grommet
10	110-9353	1	Washer-Rubber	29	130-9795	2	Screw-HWHTF
11	38-7820	2	Bearing-Ball	34	139-3564	1	Cap-Guide, Cable
12	52-7280	2	Washer-Thrust	35	139-3565	1	Guide-Cable
13	32144-4	3	Screw-HWH	36	360-0272	1	Screw
14	108-4868-03	1	Housing-Auger	37	3296-1	1	Nut-Lock

Rotor Drive Assembly



Rotor Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3234-29	1	Screw-HHF	12	323-29	1	Screw-HH
2	136-7133	1	Clip-Spring	13	139-3513	1	Pulley-Idler, Flat
3	108-4925	1	Washer	14	140-1000	1	Cable-Clutch
4	108-4916	1	Bushing-Pivot	15	136-7138	1	Arm-Idler
5	3296-29	1	Nut-Lock, NI	16	32152-2	1	Nut-Lock, Cone
6	138-8720	1	Pulley-Rotor	17	121-6630	1	Spring-Extension
7	3290-456	2	Washer-Belleville	18	138-8722	1	Pulley-Engine
8	140-1002	1	Screw-HH	19	121-6646	1	Screw-HH
11	138-8723	1	Belt-Poly V K				

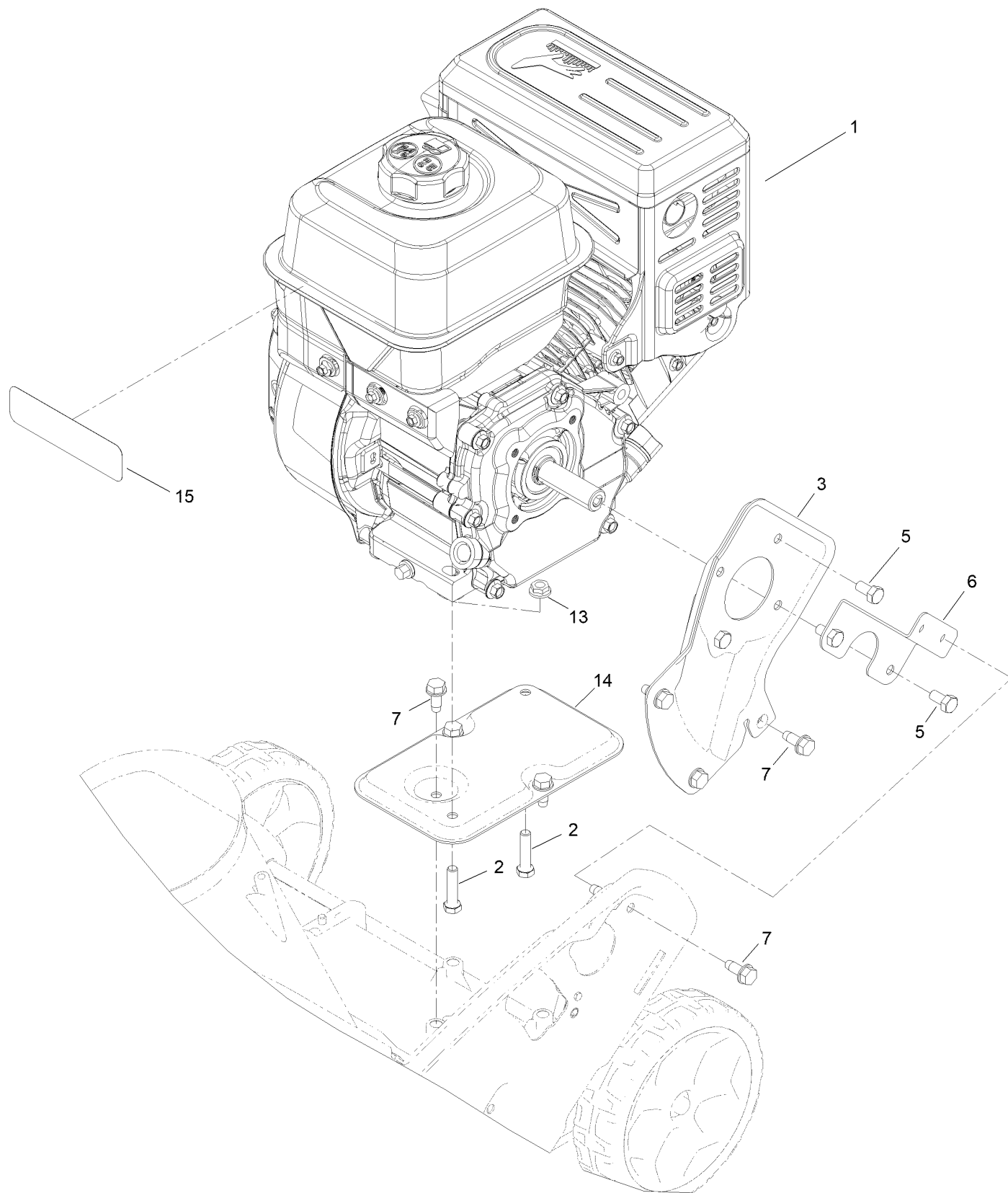
Rotor Assembly



Rotor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-7167	4	Spacer-Blade, Rotor	5	321-8	1	Screw-HH
2	66-6600-03	2	Half-Rotor	6	125-1128	2	Blade-Rotor
3	321-5	4	Screw-HH	7	125-1122	8	Screw
4	3296-56	13	Nut-Lock, NI	8	131-6488-03	1	Rotor

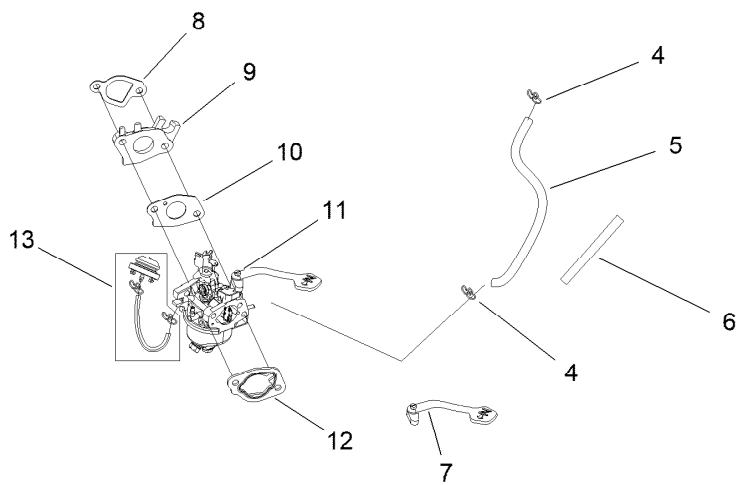
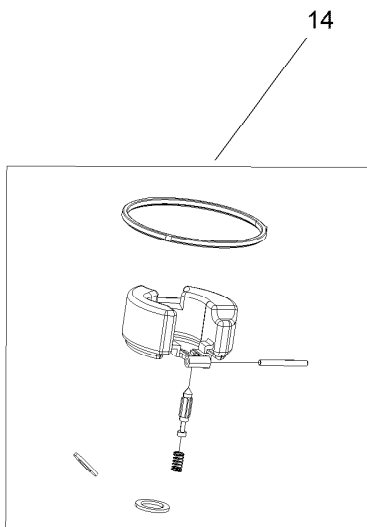
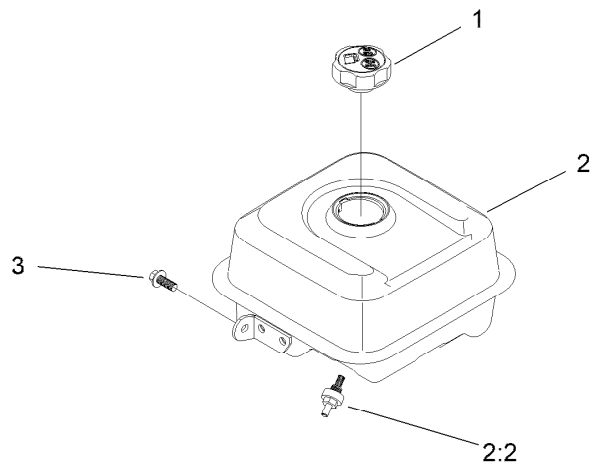
Engine Assembly



Engine Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	144-1039	1	Engine - G250Fs-4	7	32144-11	7	Screw-HWH
2	322-17	2	Screw-HH	13	32128-20	2	Nut-HF
3	108-4892-03	1	Plate-Engine, PTO	14	117-6037-03	1	Support-Engine
5	99-5132	4	Bolt	15	139-3521	1	Decal-Engine Commercial
6	110-9354-03	1	Support-Engine, Side				

Fuel System and Carburetor Assembly

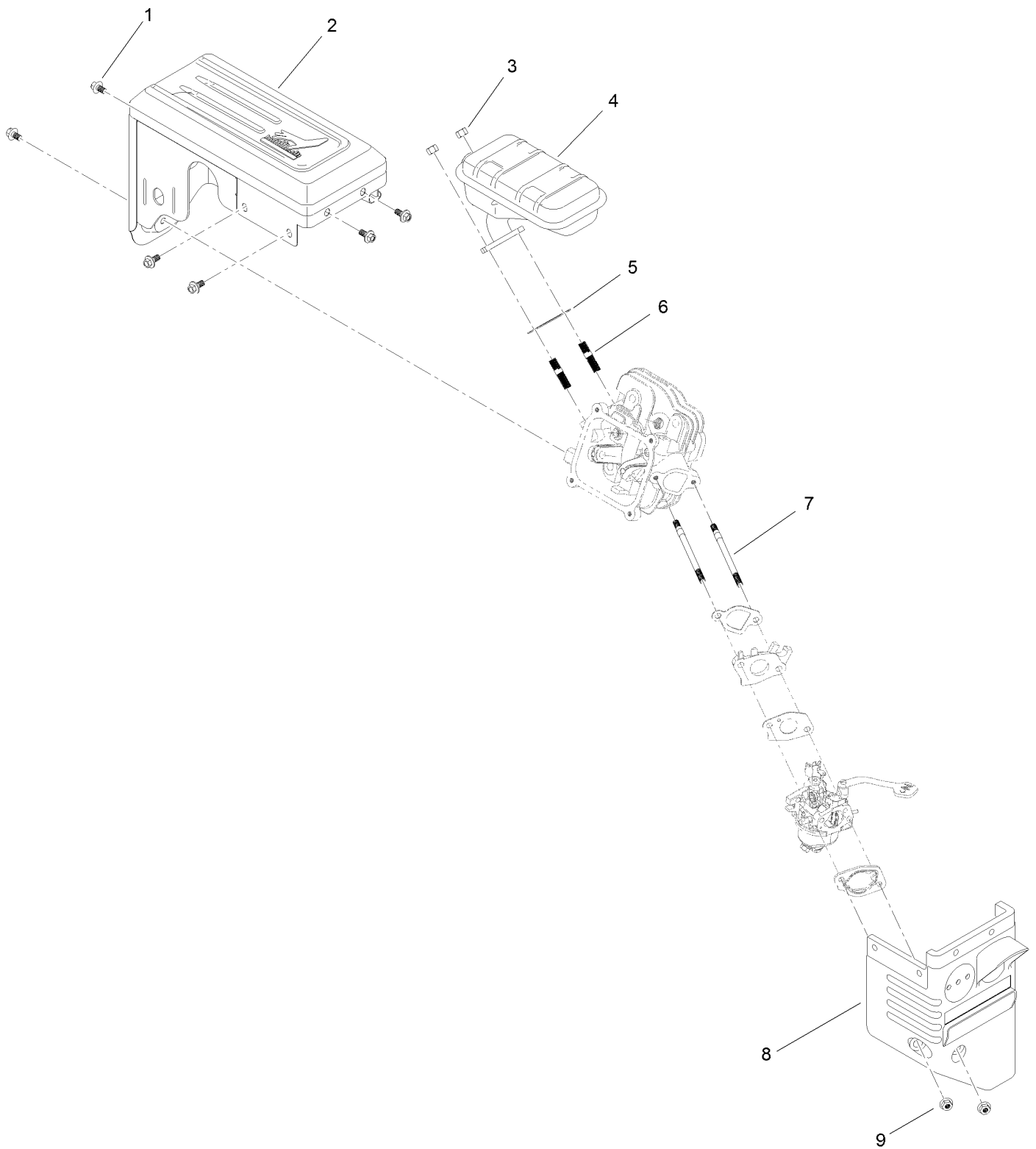


Fuel System and Carburetor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	133-9823	1	Cap-Fuel	8	133-1531	1	Gasket-Carburetor
2	133-1553	1	Fuel Tank And Filter ASM	9	133-1532	1	Insulator-Carburetor
2:2	127-9065	1	Filter-Fuel	10	133-1533	1	Gasket-Carburetor
3	121-0294	1	Screw-HHF	11	139-0700	1	Carburetor ASM
4	147-7077	2	Clip-Hose	12	121-0080	1	Gasket-Carburetor
5	147-7089	1	Hose-Fuel	13	127-9079	1	Primer Kit
6	147-7088	1	Sleeve-Abrasion	14	127-9395	1	Internal Carb Service Kit
7	147-7096	1	Lever-Choke	99	139-0711	1	High Altitude Kit ●

● Not illustrated

Intake and Exhaust Assembly

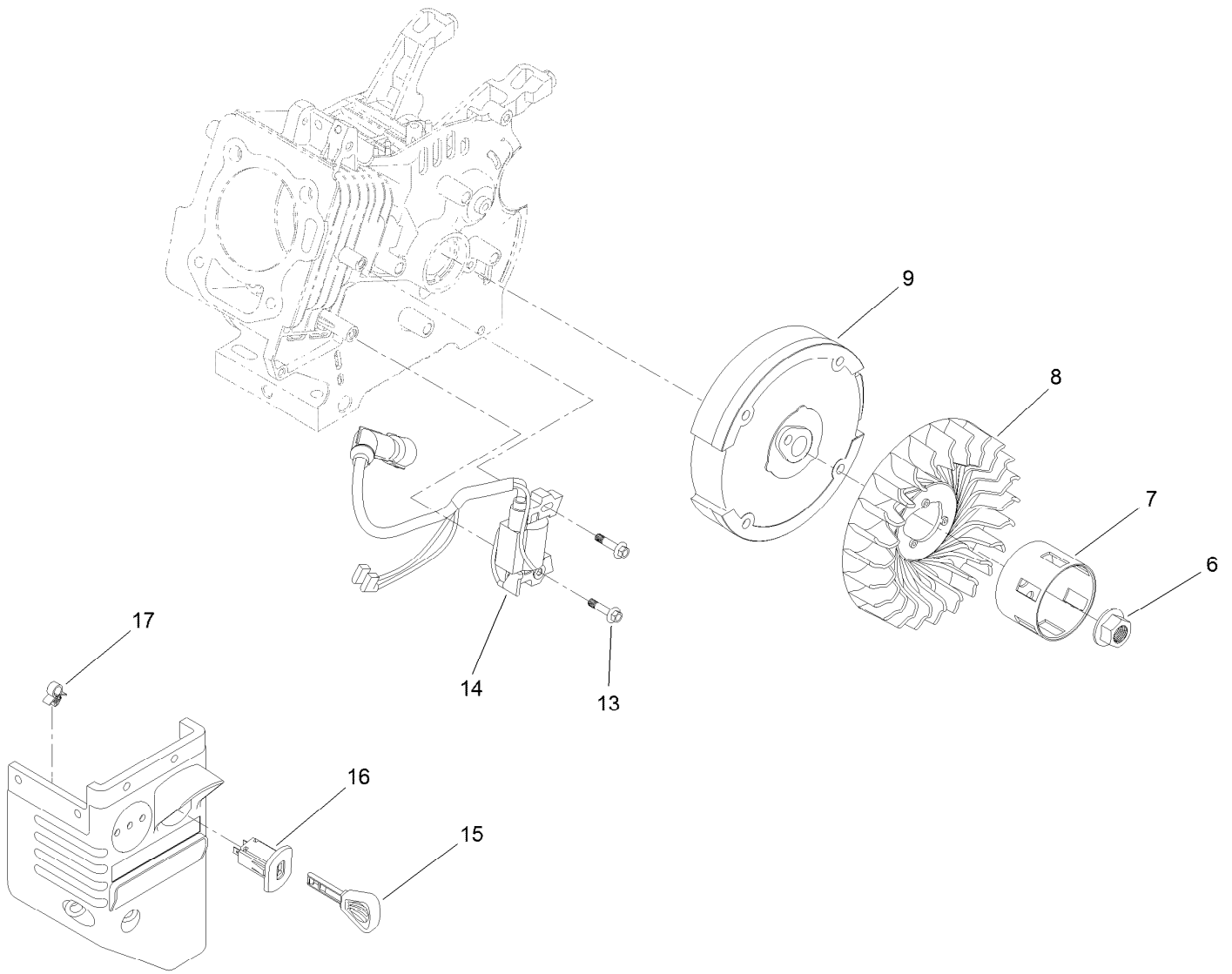


Intake and Exhaust Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-0294	6	Screw-HHF
2	133-1541	1	Muffler Shroud ASM
3	121-0199	2	Nut-HH
4	133-1540	1	Muffler ASM
5	133-1539	1	Gasket-Exhaust

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	121-0464	2	Stud-Exhaust
7	121-4112	2	Stud-Intake
8	127-9112	1	Box-Heater
9	121-0308	2	Nut-Flange

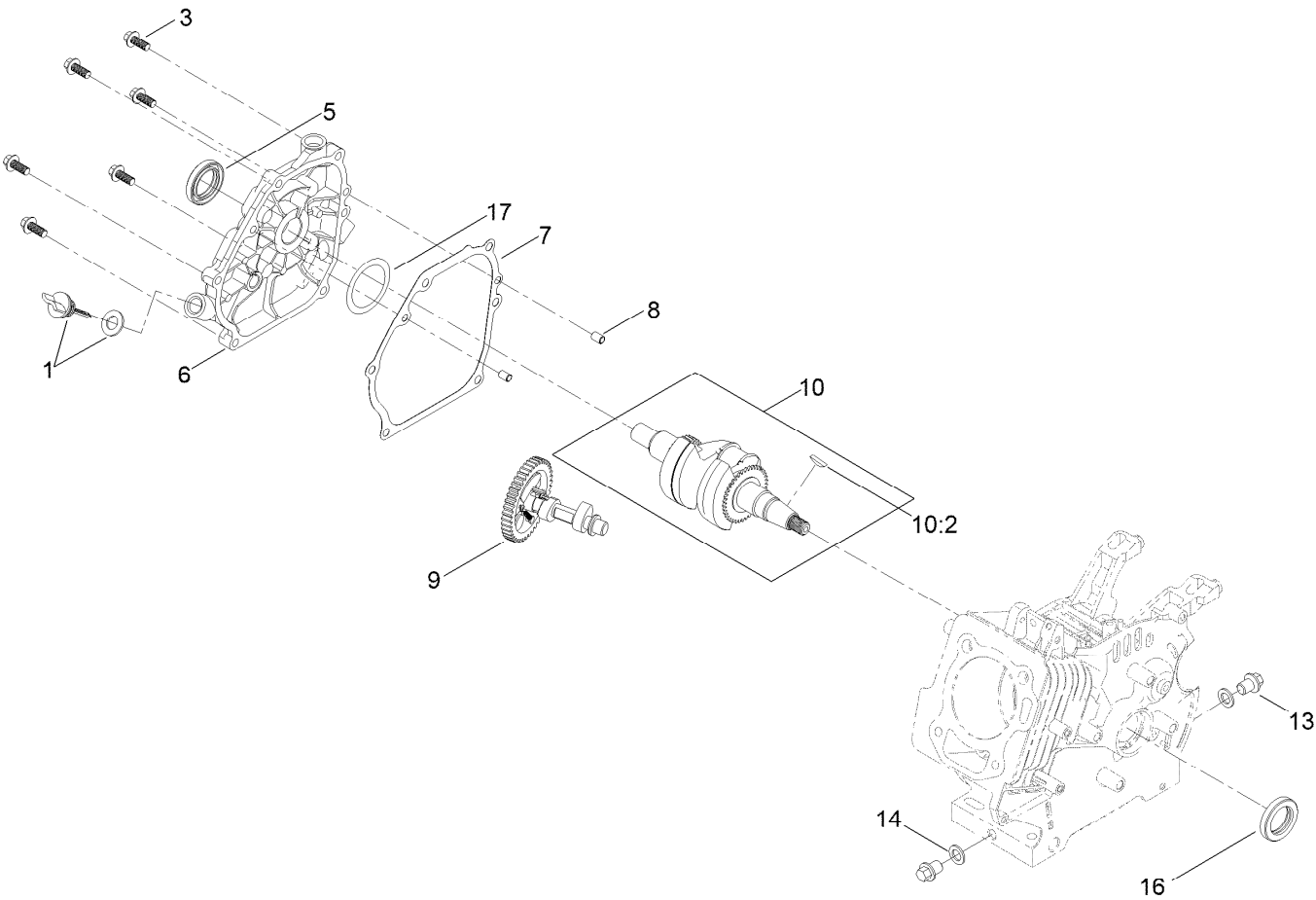
Ignition and Electrical Assembly



Ignition and Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	121-0047	1	Nut-Flange	14	136-7769	1	Ignition Coil ASM
7	133-1527	1	Cup-Starter	15	117-7728	1	Key
8	133-1526	1	Fan-Cooling	16	121-0283	1	Switch-Key
9	139-0705	1	Flywheel	17	121-0326	1	Clip
13	121-0097	2	Screw-HHF				

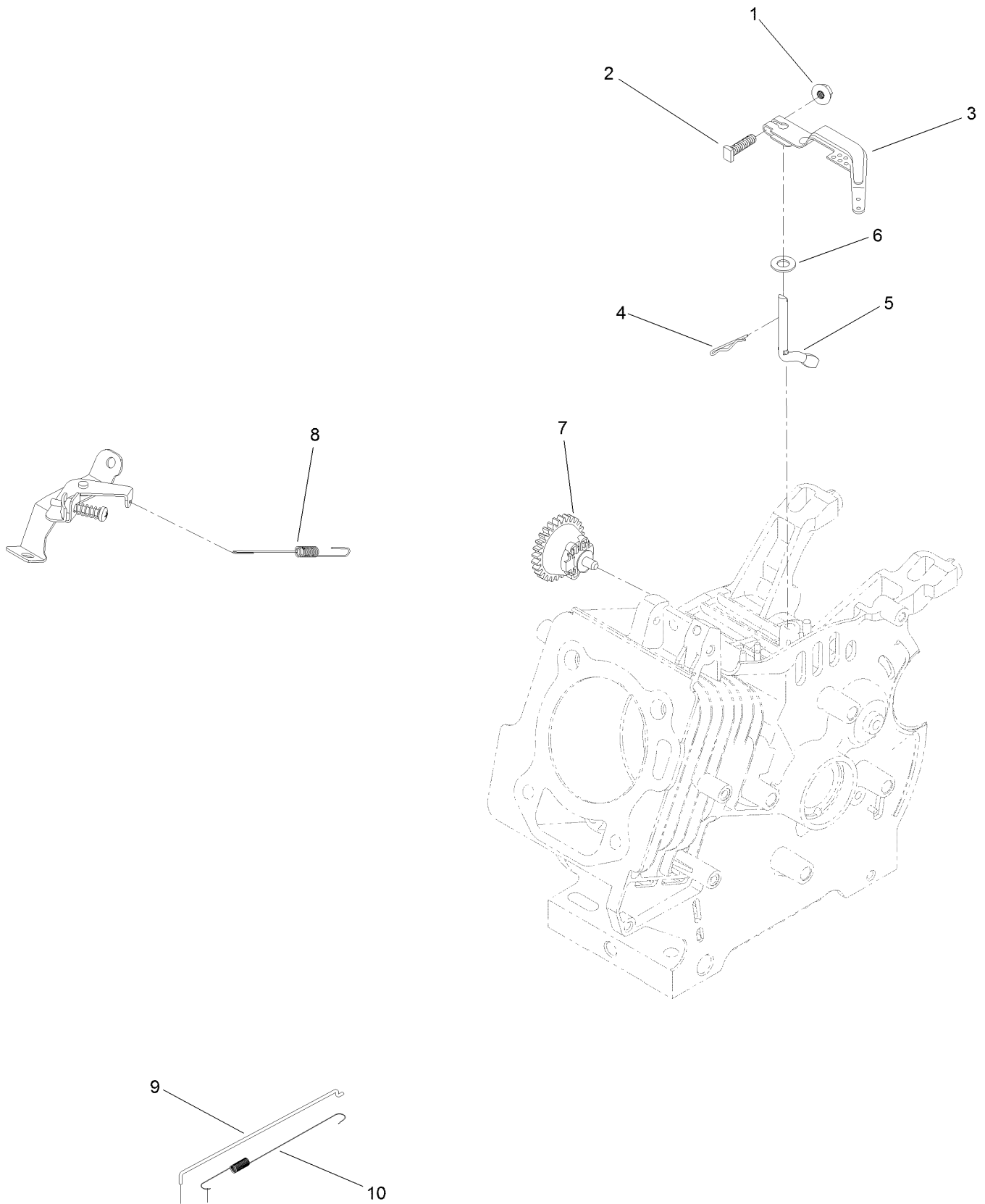
Crankcase Assembly



Crankcase Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9374	1	Dipstick And O-Ring Kit	10	139-0704	1	Crankshaft ASM
3	121-4114	6	Screw-HHF	10:2	120-4320	1	Key-Woodruff
5	133-1516	1	Seal-Oil	13	121-0030	2	Screw-HHF
6	139-0702	1	Cover-Crankcase	14	121-0048	2	Washer-Plain
7	127-9493	1	Gasket-Cover, Crankcase	16	133-9864	1	Seal-Oil
8	121-0054	2	Pin-Dowel	17	133-9863	1	Washer-Thrust
9	133-9991	1	Camshaft ASM				

Governor Assembly

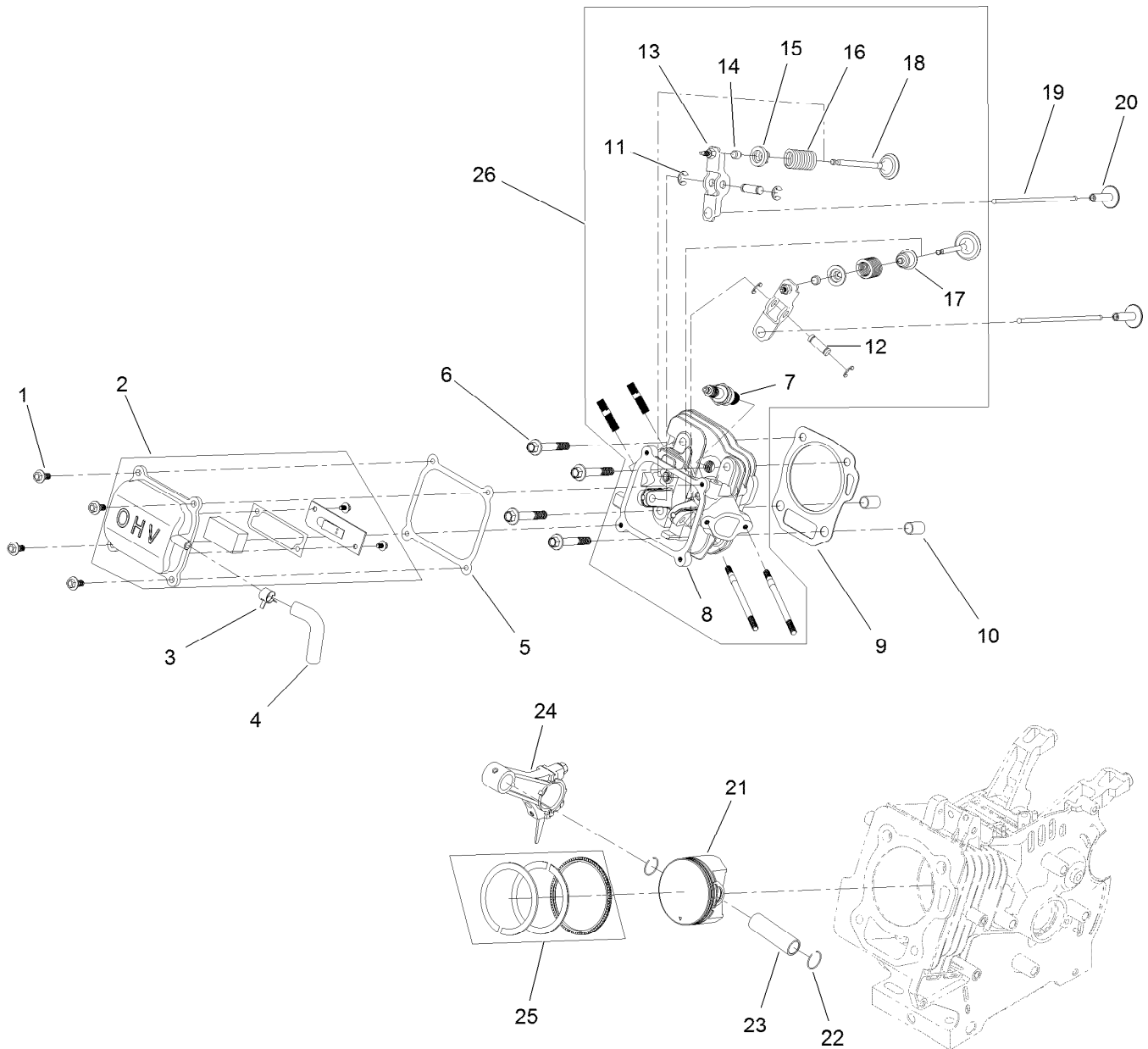


Governor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-4236	1	Nut-Flange
2	120-4238	1	Bolt-Arm, Governor
3	121-0155	1	Arm-Governor
4	120-4256	1	Pin-Hair
5	133-9995	1	Shaft-Governor

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	121-0498	1	Washer-Plain
7	136-7762	1	Governor Gear ASM
8	139-0699	1	Spring-Governor
9	133-1535	1	Rod-Governor
10	133-1536	1	Spring-Return, Throttle

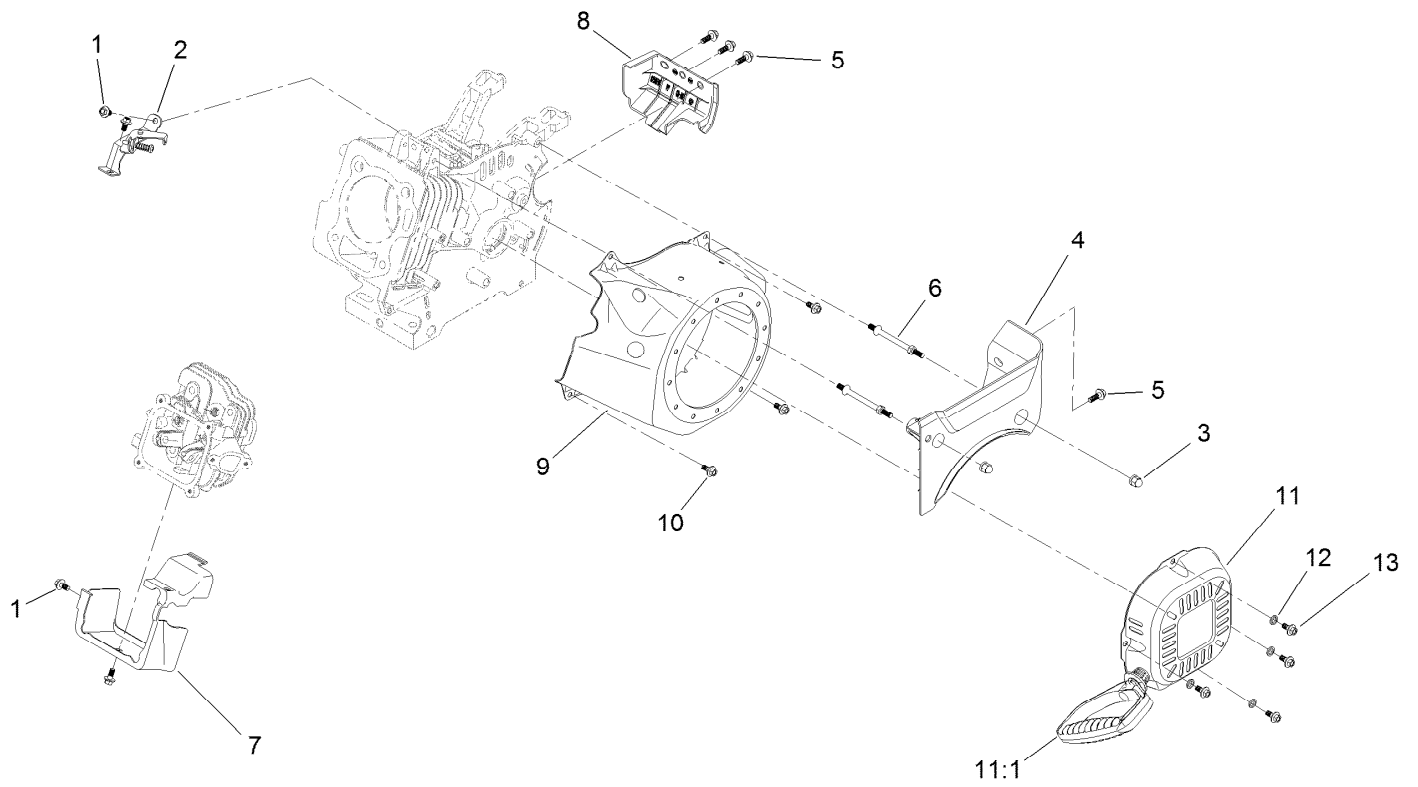
Piston and Head Assembly



Piston and Head Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-4454	4	Screw-HHF	14	121-4116	2	Rotator-Valve
2	133-1500	1	Valve Cover ASM	15	121-4117	2	Retainer-Spring, Valve
3	133-1558	1	Clamp-Hose	16	127-9014	2	Spring-Valve
4	133-9990	1	Tube-Breather	17	121-4202	1	Seal-Stem, Valve
5	133-1507	1	Gasket-Cover, Valve	18	133-1515	1	Set-Valve
6	133-1508	4	Screw-Flange	19	133-1514	2	Rod-Push
7	81-3250	1	Spark Plug	20	127-9015	2	Tappet-Valve
8	133-1509	1	Head-Cylinder	21	133-1522	1	Piston
9	133-1510	1	Gasket-Head	22	121-0313	2	Clip-Pin, Piston
10	120-4200	2	Pin-Dowel	23	121-4128	1	Pin-Piston
11	133-1511	4	E-Clip	24	121-4123	1	Connecting Rod ASM
12	133-1512	2	Pin-Arm, Rocker	25	133-1521	1	Set-Ring, Piston
13	133-1513	2	Rocker Arm ASM	26	133-9867	1	Complete Head ASM

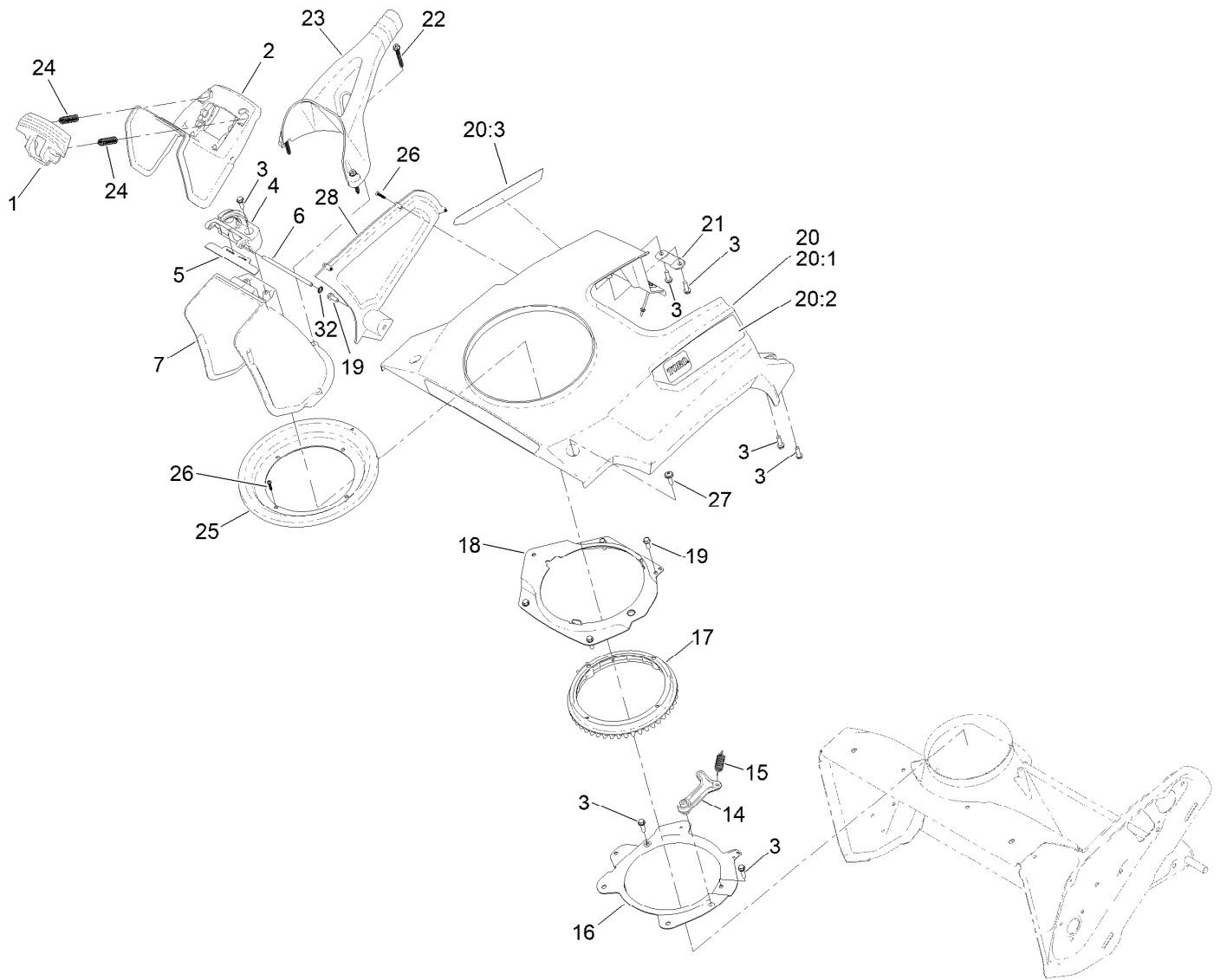
Blower Housing and Shrouds Assembly



Blower Housing and Shrouds Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-0116	4	Screw-HHF	8	133-1543	1	Panel-Side, Engine
2	147-7102	1	Speed Control ASM	9	139-0706	1	Shroud-Flywheel
3	127-9383	2	Nut-Acorn	10	121-0294	3	Screw-HHF
4	133-1544	1	Panel-Front	11	133-1529	1	Recoil ASM
5	127-9123	4	Screw-HHF	11:1	121-0287	1	Handle-Recoil
6	127-9110	2	Stud-Mount	12	127-9380	4	Washer-Plain
7	133-1530	1	Shroud-Head	13	127-9031	4	Screw-HHF

Shroud and Chute Assembly

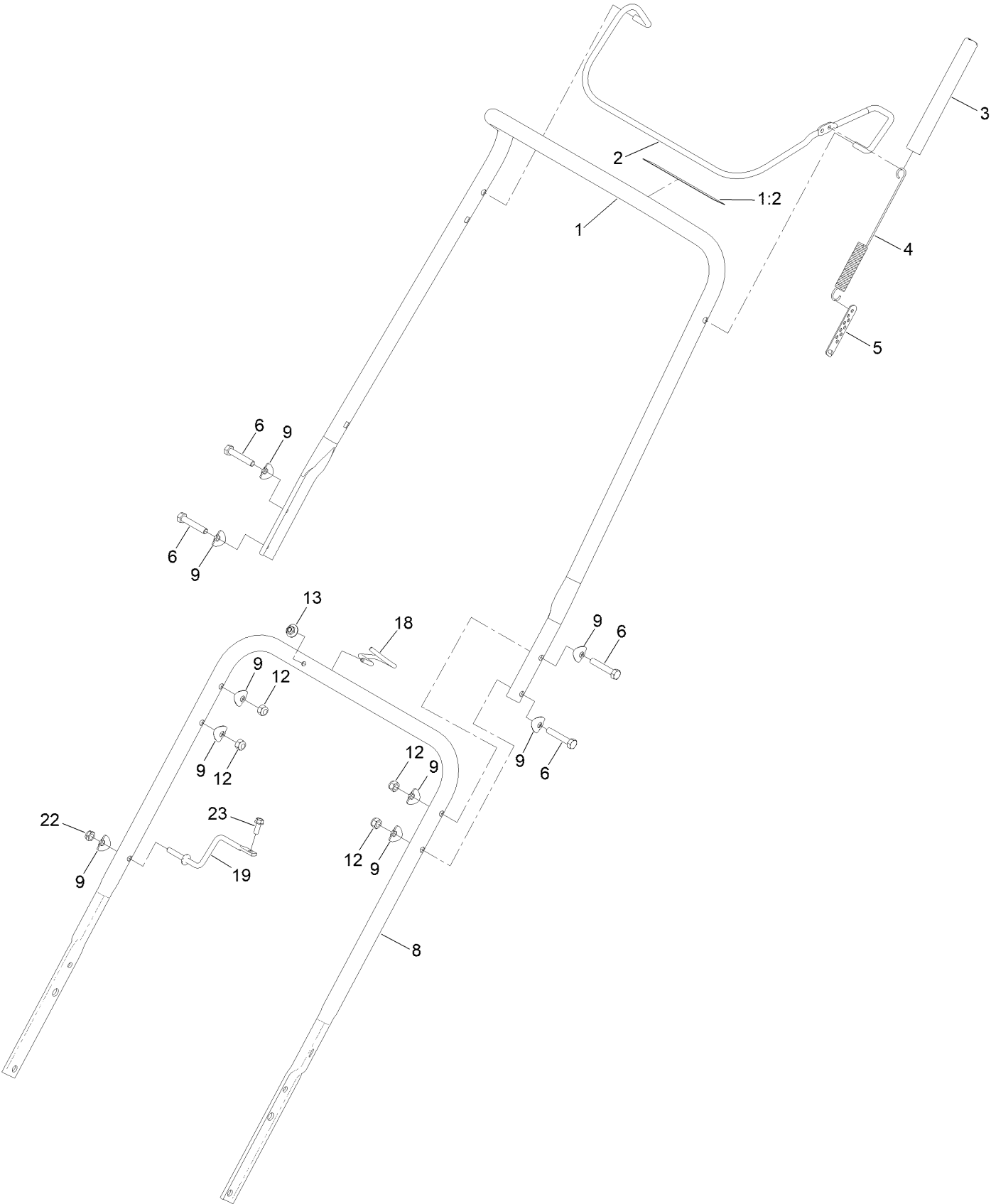


Shroud and Chute Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-4941	1	Trigger-Deflector	20		1	Shroud ASM, W/Decals ●
2	117-9121	1	Deflector-Chute, CE	20:1	138-8791	1	Shroud ASM, W/Artwork
3	46-8091	10	Screw-HWH	20:2	139-3531	1	Decal-Shroud LH
4	108-4942	1	Hinge-Ratchet, Deflector	20:3	139-3532	1	Decal-Shroud RH
5	114-3790	1	Seal-Deflector	21	138-8757	2	Retainer-Shroud
6	136-8672	1	Pin-Hinge, Deflector	22	114-3751	3	Screw-HWH, Plastite
7	108-4939	1	Chute	23	110-9366	1	Handle-Chute
14	108-4926	1	Pawl-Detent	24	136-7136	2	Spring-Compression
15	80-4600	1	Spring-Extension	25	114-3772	1	Seal-Ring, Chute
16	108-4883-03	1	Ring-Support, Chute	26	94-4496	4	Screw-PPH
17	108-4922	1	Ring-Chute, Detent	27	110-9361	2	Screw-PPH
18	108-4874-03	1	Retainer-Ring, Chute	28	138-8754	1	Cover-Side
19	32144-85	3	Screw-HWH Thd Form	32	104-8310	1	Ring-Retaining

● Not serviced separately

Handle Assembly



Handle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-3744	1	Upper Handle ASM (W/ Decal)	8	138-8760-03	1	Handle-Lower
1:2	94-2577	1	Decal-Drive, Rotor	9	107-3844	9	Washer
2	114-3780-03	1	Bail-Control	12	3296-72	4	Nut-Lock, NI
3	114-3796	1	Cover-Spring	13	114-3778	1	Nut-HF
4	136-7146	1	Spring-Extension, Clutch	18	139-3543	1	Guide-Rope
5	136-7126	1	Adjuster-Cable, Clutch	19	139-3504	1	Support-Switch Box
6	125-7944	4	Screw-HH	22	3296-47	1	Nut-Lock,NI
				23	32144-85	1	Screw-HWH Thd Form

Attachments and Accessories

For 38755 Power Clear 821 R-C Commercial Snowthrower

Product Name	Model/Part
Engine Maintenance Kit.....	138-0699
Long Life Rotor Blade Kit	38205
Paddle Replacement Kit	38261
Case of 24 20-Ounce Bottles 5W30 Winter Oil	38908
Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle	38913
Toro Single Stage Cover	490-7464
Plain Single Stage Cover	490-7465

Notes:



Count on it.