



Count on it.

Form No. 3385-221 Rev B

Parts Catalog

Power Clear® 721 QZR Snowthrower

Model No. 38743—Serial No. 315000001 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

Main Frame, Chute and Wheel Assembly 4

Cluch Cable and Belt Drive Assembly..... 6

Rotor Assembly 8

Engine Assembly 10

Engine Assembly No. 1..... 12

Engine Assembly No. 2..... 14

Engine Assembly No. 3..... 16

Shroud and Fuel Tank Assembly 18

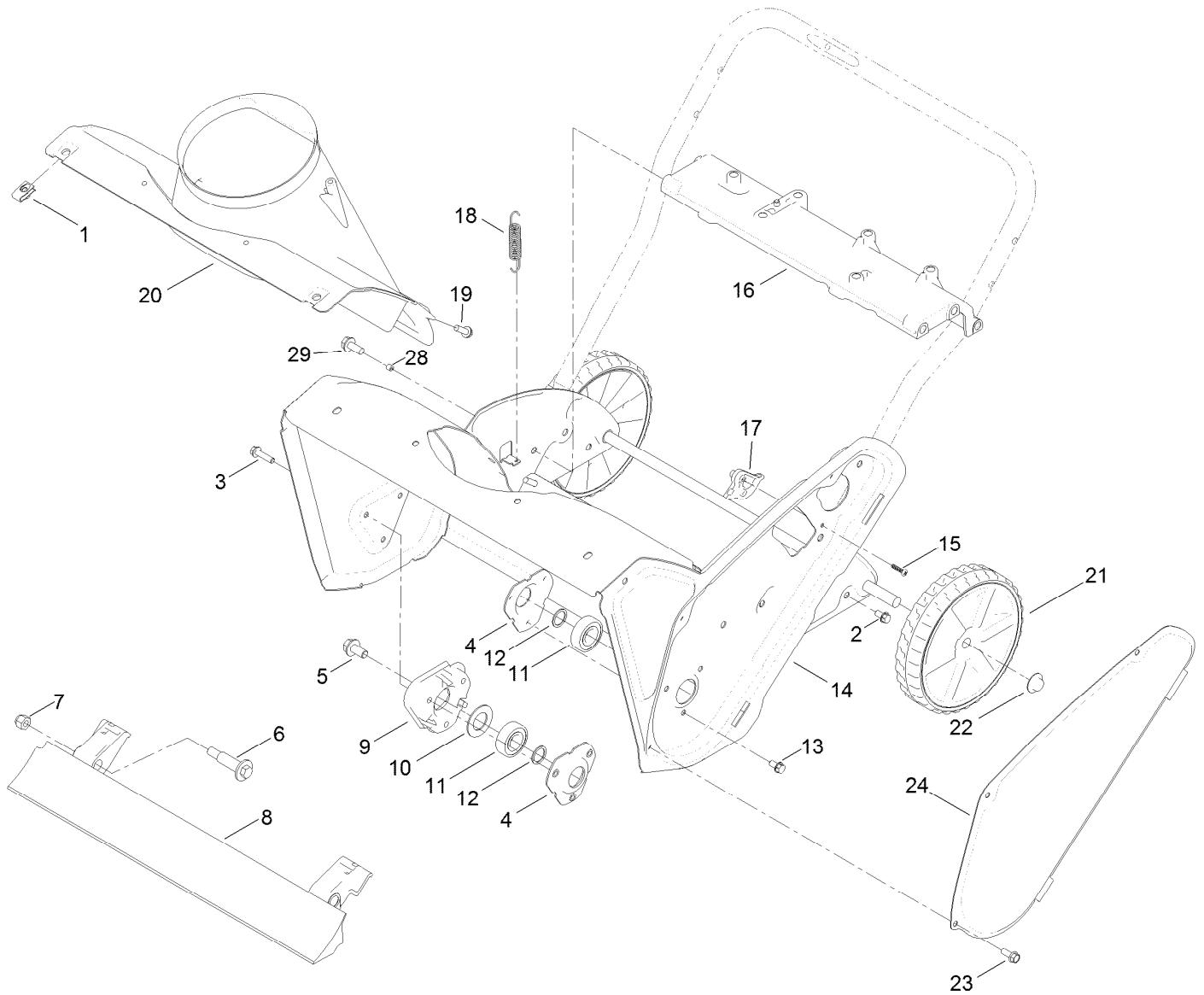
Chute Control Assembly 20

Upper Handle Control Assembly 22

Handle Chute Control Assembly 24

Attachments and Accessories 26

Main Frame, Chute and Wheel Assembly

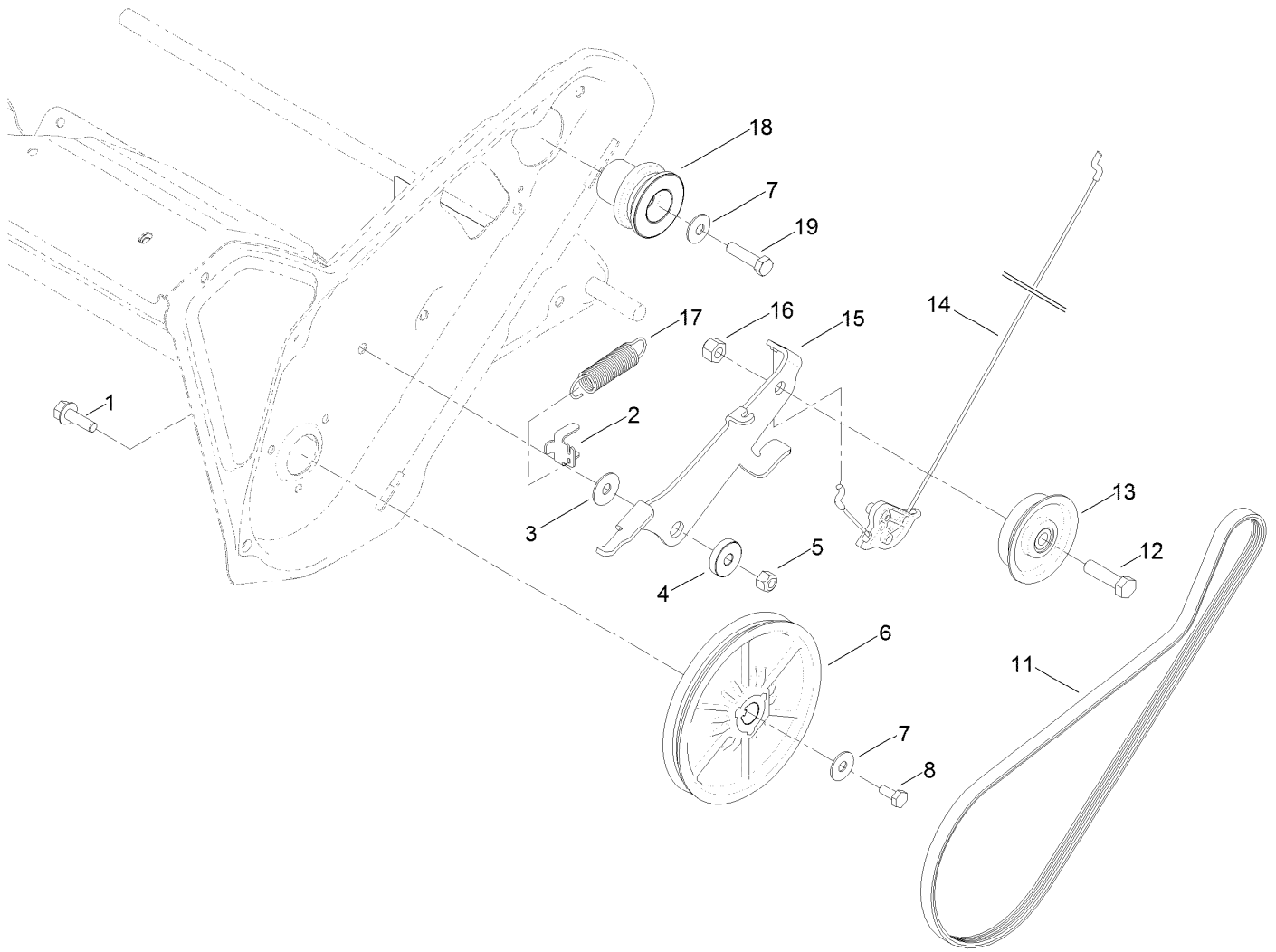


Main Frame, Chute and Wheel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107069	2	Clip
2	32144-11	4	Screw-HWHTF
3	32144-86	3	Screw-HWHTF
4	108-4943	2	Flange-Bearing
5	110-9380	1	Screw-HWH
6	56-6590	2	Bolt-Wheel
7	3296-39	2	Nut-Lock, NI
8	108-4884	1	Blade-Scraper
9	114-3781	1	Spacer-Bearing, RH
10	110-9353	1	Washer-Rubber
11	100-1048	2	Bearing-Ball
12	52-7280	2	Washer-Thrust
13	32144-4	3	Screw-HWH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	108-4868-03	1	Housing-Augur
15	94-4496	1	Screw-PPH
16	108-4905	1	Brace-Frame
17	108-4919	1	Guide-Cable, Clutch
18	108-4906	2	Spring-Extension
19	46-8091	3	Screw-HWH
20	108-4871	1	Chute-Lower
21	117-2309	2	Wheel ASM
22	32112-14	2	Nut-Push
23	32144-85	3	Screw-HWH
24	108-4893-03	1	Cover-Belt
28	1-633545	2	Spacer
29	701243	2	Screw-HWHTF

Clutch Cable and Belt Drive Assembly

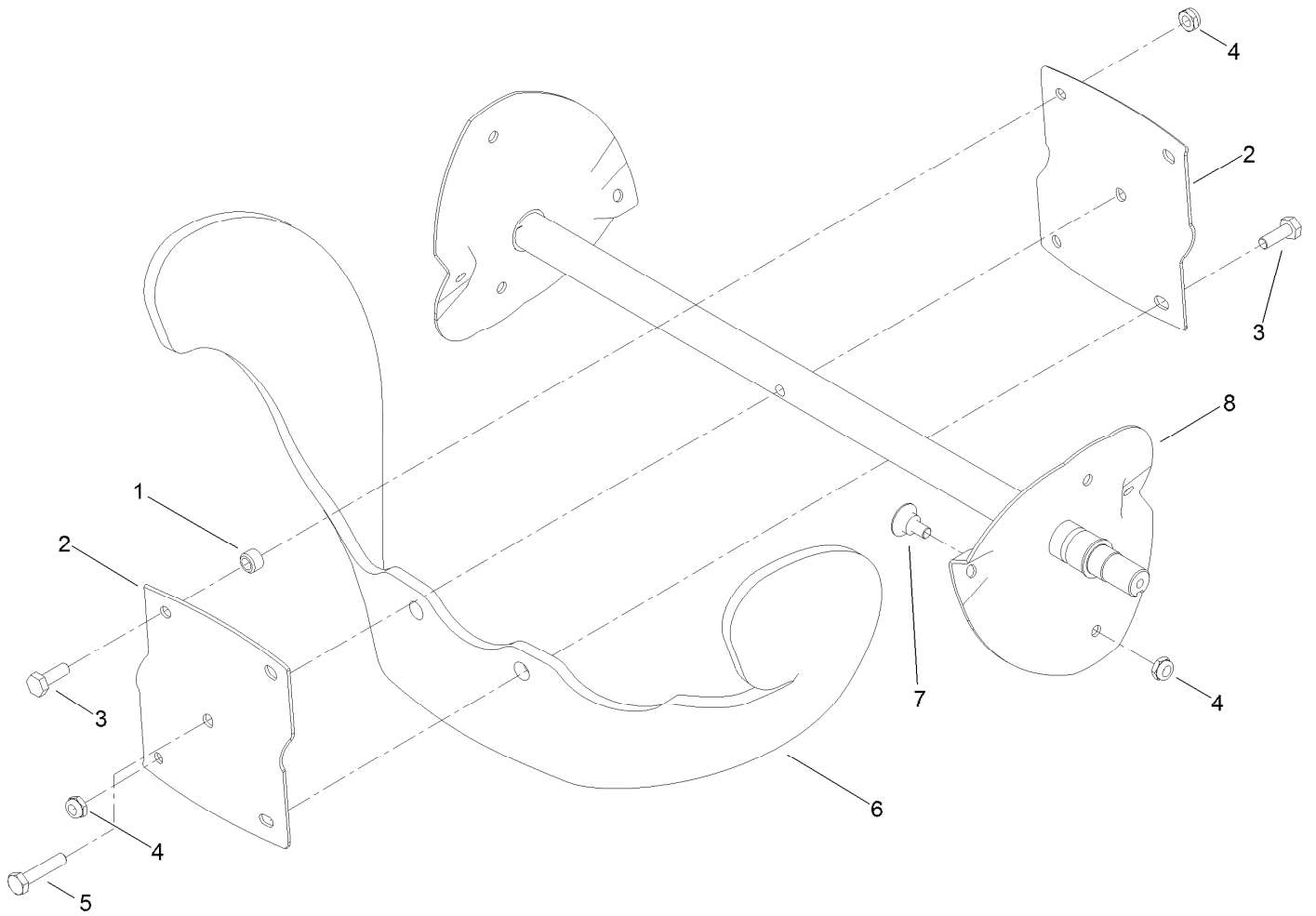


Clutch Cable and Belt Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3234-29	1	Screw-HHF
2	108-4938	1	Clip-Spring, Brake
3	108-4925	1	Washer
4	108-4916	1	Bushing-Pivot
5	3296-29	1	Nut-Lock, NI
6	121-6624	1	Pulley
7	3290-456	2	Washer-Belleville
8	110-9381	1	Screw-HH
11	121-6622	1	Belt-Drive

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
12	323-29	1	Screw-HH
13	114-3785	1	Pulley-Idler
14	115-5682	1	Cable-Clutch
15	114-3782	1	Arm-Idler
16	32152-2	1	Nut-Lock, Cone
17	121-6630	1	Spring-Extension
18	125-7927	1	Pulley-Engine
19	121-6646	1	Screw-HH

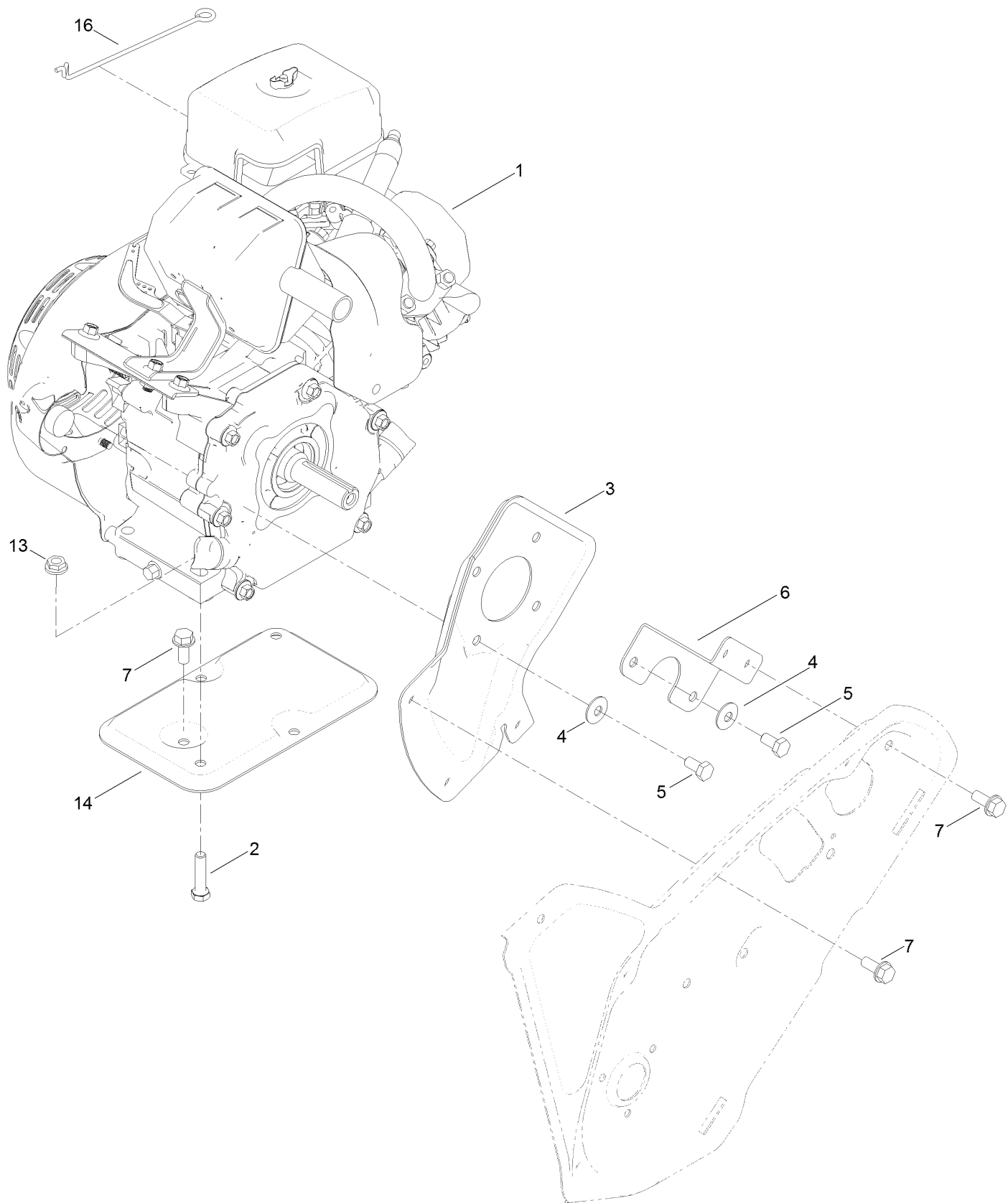
Rotor Assembly



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	55-9370	4	Spacer-Blade, Rotor	5	321-8	1	Screw-HH
2	66-6600-03	2	Half-Rotor	6	99-9313	2	Blade-Rotor
3	321-4	4	Screw-HH	7	84-1971	8	Screw
4	3296-56	13	Nut-Lock, NI	8	108-4894-03	1	Rotor

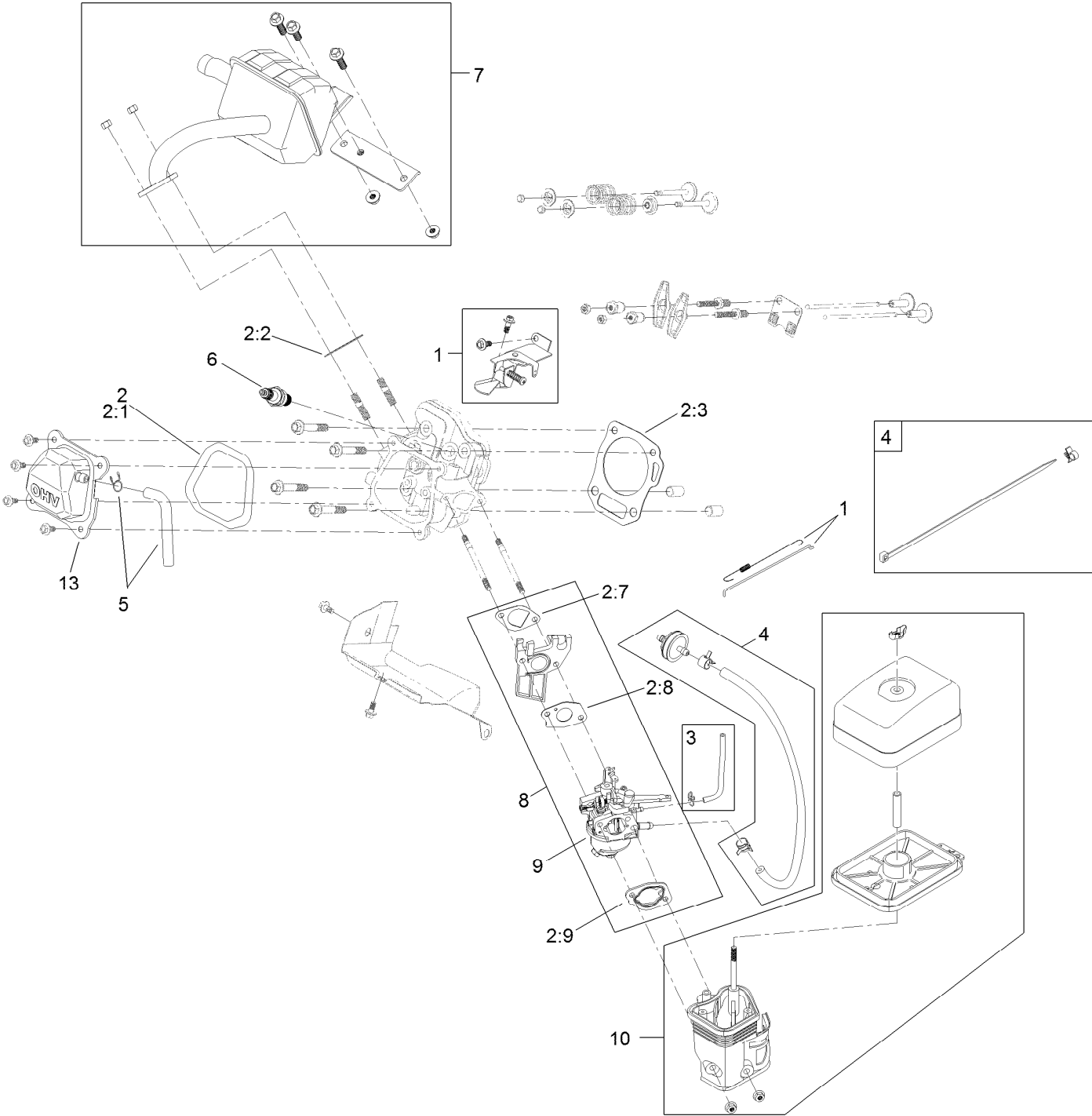
Engine Assembly



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	121-4224	1	Engine-170Fs-2	6	110-9354-03	1	Support-Engine, Side
2	322-17	2	Screw-HH	7	32144-11	7	Screw-HWHTF
3	108-4892-03	1	Plate-Engine, PTO	13	32128-20	2	Nut-HF
4	3290-456	4	Washer-Belleville	14	117-6037-03	1	Support-Engine
5	33114-016	4	Screw-HH	16	117-6040	1	Link-Knob, Choke

Engine Assembly No. 1



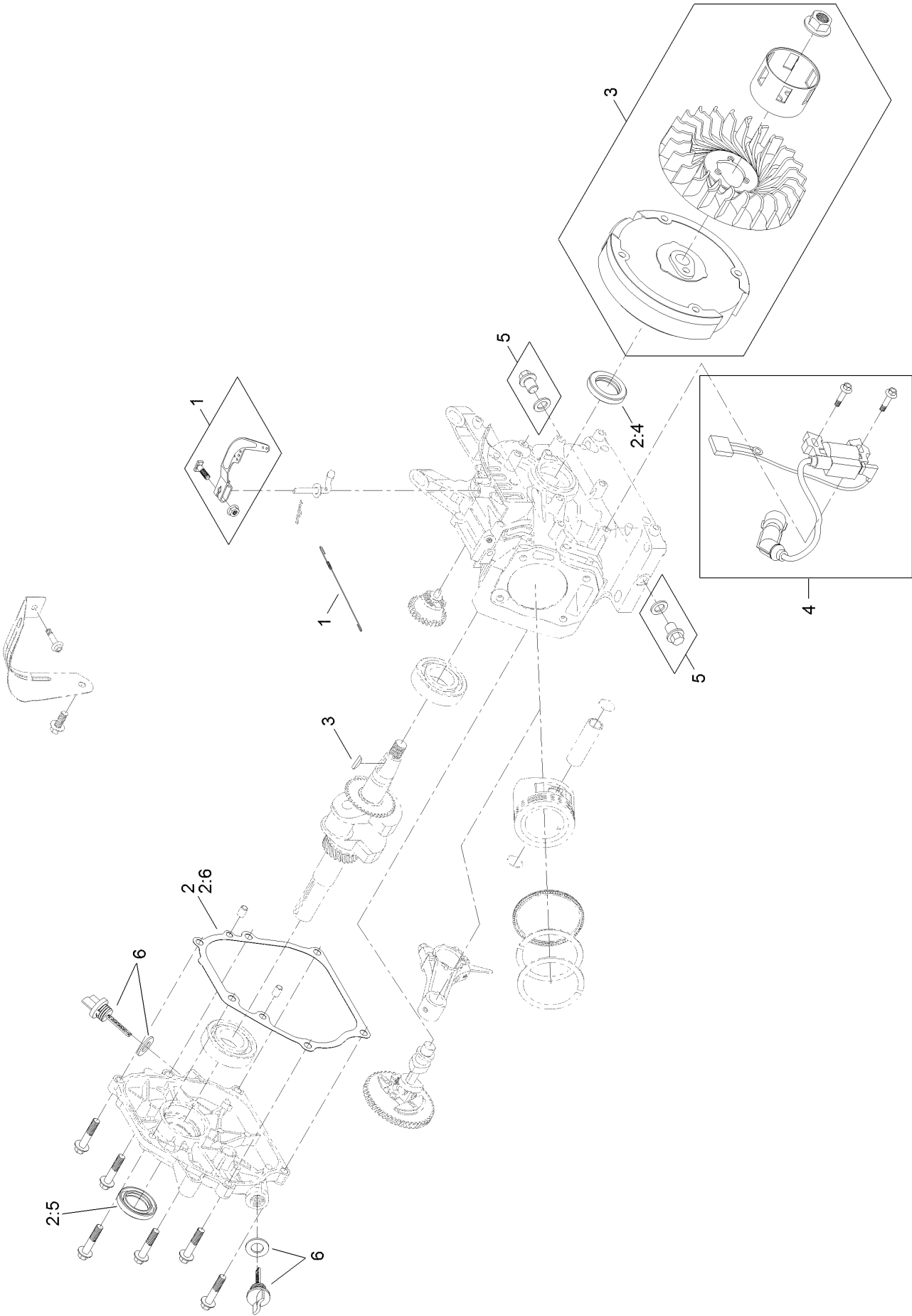
Engine Assembly No. 1 (continued)

<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	119-1957	1	Governor Kit	2:9		1	Gasket-Carburetor ■
2	127-9001	1	Gasket And Seal Kit	3	119-1949	1	Primer Line Kit
2:1	121-0109	1	Gasket-Cover, Valve	4	121-4299	1	Fuel Line Kit
2:2		1	Gasket-Exhaust ■	5	119-1921	1	Breather Tube Kit
2:3		1	Gasket-Head, Cylinder ■	6	119-1901	1	Plug-Spark
2:4		1	Seal-Oil ■ ●	7	121-4297	1	Muffler Kit
2:5		1	Seal-Oil ■	8	127-9008	1	Carburetor Kit
2:6		1	Gasket-Cover, Crankcase ■ ●	9	127-9089	1	Carb Repair Kit With Gaskets
2:7		1	Gasket-Carburetor ■	10	121-4282	1	Heater Box Kit
2:8		1	Gasket-Carburetor ■	13	121-0499	1	Valve Cover ASM

● Not illustrated

■ Not serviced separately

Engine Assembly No. 2



Engine Assembly No. 2 (continued)

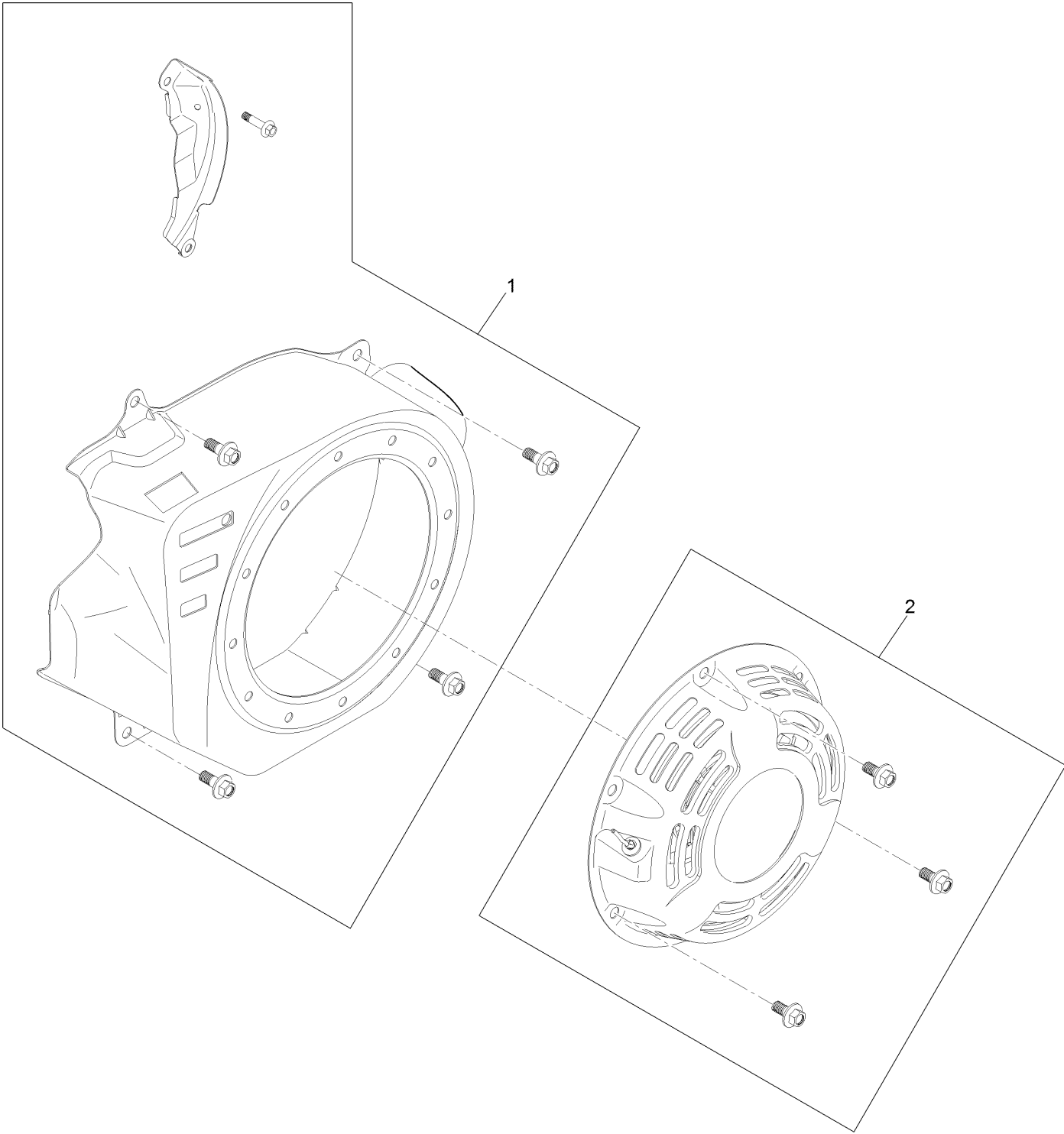
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	119-1957	1	Governor Kit
2	127-9001	1	Gasket And Seal Kit
2:1	121-0109	1	Gasket-Cover, Valve ●
2:2		1	Gasket-Exhaust ■●
2:3		1	Gasket-Head, Cylinder ■●
2:4		1	Seal-Oil ■
2:5		1	Seal-Oil ■
2:6		1	Gasket-Cover, Crankcase ■

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2:7		1	Gasket-Carburetor ■●
2:8		1	Gasket-Carburetor ■●
2:9		1	Gasket-Carburetor ■●
3	127-9004	1	Recoil Flywheel Kit
4	119-1959	1	Ignition Kit
5	119-1923	2	Drain Plug Kit
6	119-1944	2	*obs* Dipstick And O-Ring Kit

● Not illustrated

■ Not serviced separately

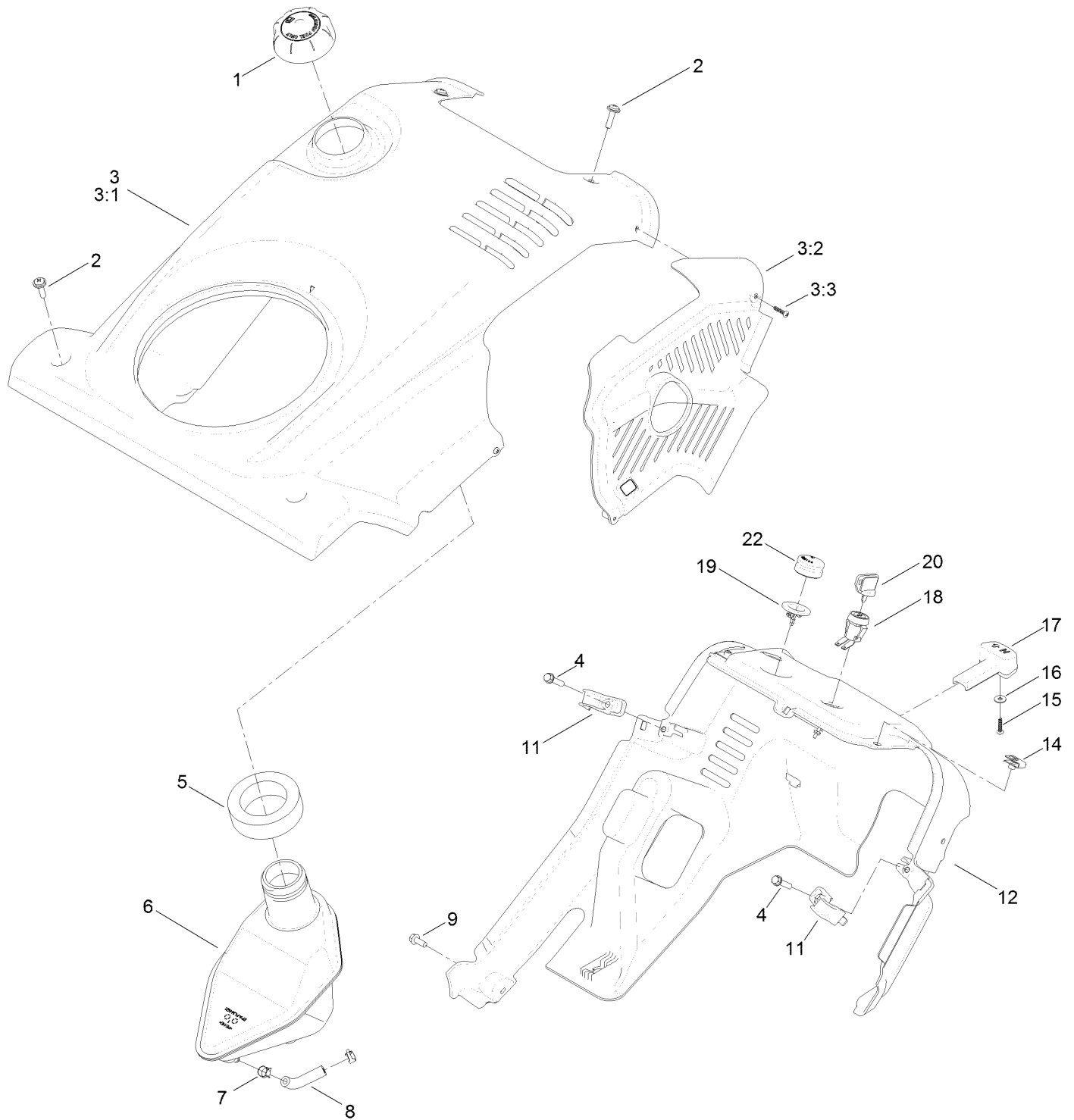
Engine Assembly No. 3



Engine Assembly No. 3 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9010	1	Blower Shroud Kit
2	121-4252	1	Recoil Kit

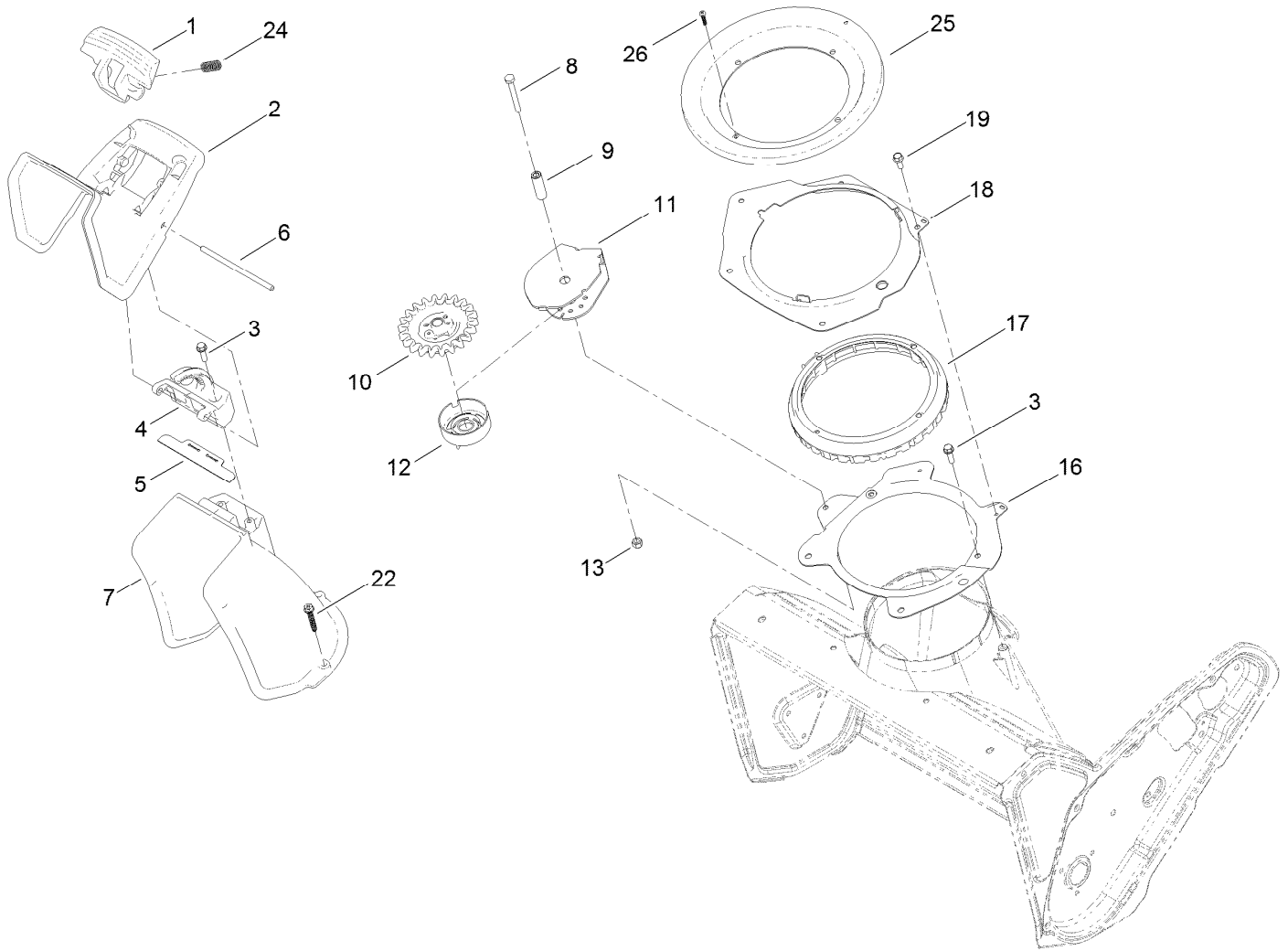
Shroud and Fuel Tank Assembly



Shroud and Fuel Tank 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	125-7928	1	Cap-Gas	9	32144-85	1	Screw-HWH
2	110-9361	4	Screw-PPH	11	108-4947	2	Clip-Shroud
3	127-5984	1	Shroud ASM	12	117-6036	1	Shroud-Lower
3:1	127-5985	1	Shroud	14	107069	2	Clip
3:2	117-6035	1	Baffle-Exhaust	15	94-4496	1	Screw-PPH
3:3	94-4496	2	Screw-PPH	16	3256-49	1	Washer-Plain
4	46-8092	2	Screw-Plastite	17	117-9100	1	Knob-Choke
5	114-3773	1	Seal-Tank	18	40-5940	1	Switch
6	120-9848	1	Tank-Fuel, Gas	19	44-2750	1	Body-Primer
7	2412-98	2	Clamp-Hose	20	63-8360	1	Key-Ignition
8	109-0660	1	Hose-Fuel	22	66-7460	1	Bulb-Primer

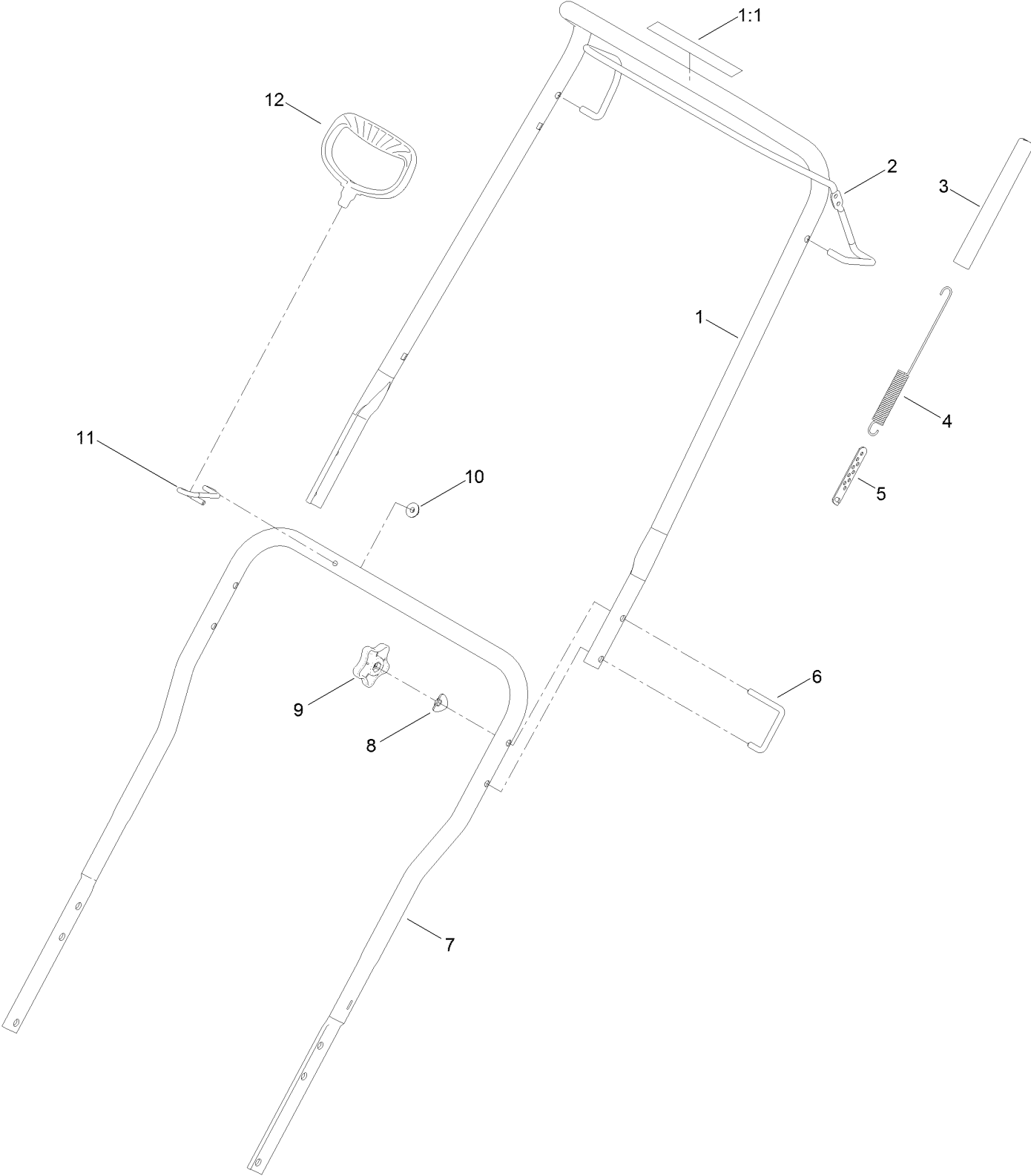
Chute Control Assembly



Chute Control 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	12	114-3792	1	Retainer-Cable
2	117-9121	1	Deflector-Chute, CE	13	3296-42	1	Nut-Lock, NI
3	46-8091	6	Screw-HWH	16	108-4883-03	1	Ring-Support, Chute
4	108-4942	1	Hinge-Ratchet, Deflector	17	108-4882	1	Ring-Chute, Gear
5	114-3790	1	Seal-Deflector	18	108-4874-03	1	Retainer-Ring, Chute
6	110-9368	1	Pin-Hinge, Deflector	19	32144-85	2	Screw-HWH
7	108-4939	1	Chute	22	108-4946	3	Screw-Plastite
8	321-18	1	Screw-HH	24	110-9360	2	Spring-Compression
9	108-4877	1	Spacer-Sleeve, Pinion	25	114-3772	1	Seal-Ring, Chute
10	108-4875	1	Pinion-Gear	26	94-4496	1	Screw-PPH
11	108-4900-03	1	Bracket-Pinion				

Upper Handle Control Assembly

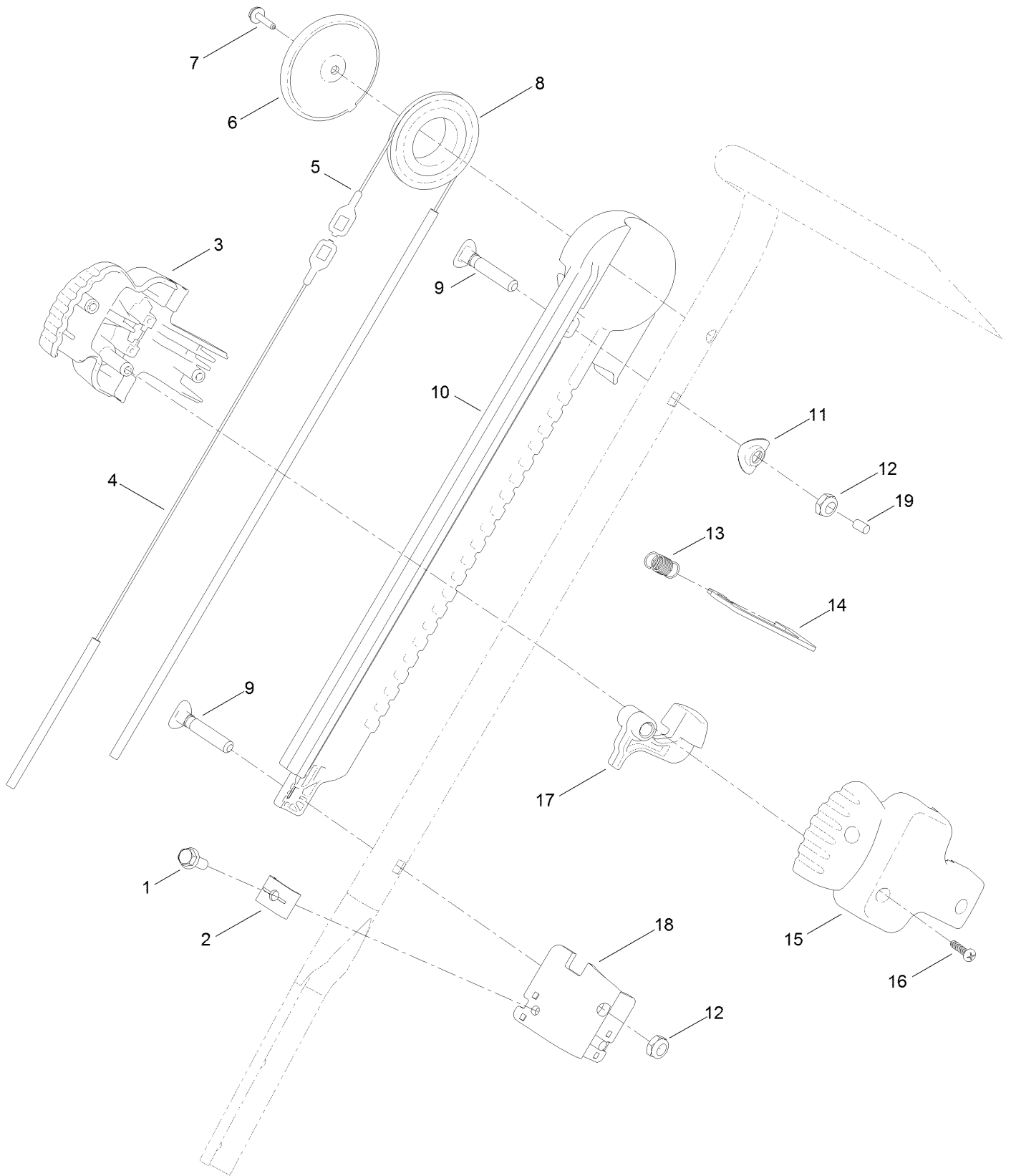


Upper Handle Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-3768	1	Upper Handle ASM
1:1	94-2577	1	Decal-Drive, Rotor
2	114-3780-03	1	Bail-Control
3	114-3796	1	Cover-Spring
4	125-1148	1	Spring-Extension, Clutch
5	71-5330	1	Adjuster-Cable, Clutch
6	108-4887	2	Lock-Handle

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	127-5956-03	1	Handle-Lower
8	107-3844	2	Washer
9	114-3779	2	Knob-Handle
10	114-3778	1	Nut-HF
11	108-4949	1	Guide-Rope
12	117-9104	1	Handle-Recoil

Handle Chute Control Assembly



Handle Chute Control Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32144-85	2	Screw-HWH
2	106-7297	2	Clamp-Cable
3	108-4912	1	Handle-Slider, RH
4	108-4897	1	Cable-Chute, Short
5	108-4898	1	Cable-Chute, Long
6	108-4931	1	Cover-Pulley
7	98-1375	1	Screw-HWH
8	108-4907	1	Pulley-Slider
9	107-3018	2	Screw-Handle
10	108-4899	1	Track-Slider

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
11	107-3844	1	Washer
12	3296-47	2	Nut-Lock, NI
13	108-4914	1	Spring-Trigger
14	108-4908	1	Plate-Lock, Chute
15	108-4911	1	Handle-Slider, LH
16	94-4496	3	Screw-PPH
17	108-4913	1	Trigger
18	108-4909	1	Bracket-Cable
19	125-7943	1	Cap-Thread, Screw

Attachments and Accessories

For 38743 Power Clear 721 QZR Snowthrower

Product Name	Model/Part
High-Altitude Kit	127-9037
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.