Form No. 3396-621 Rev C

TORO®

Count on it.

Parts Catalog

Power Max® 724 OE

Snowthrower

Model No. 37779—Serial No. 316000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3396-621 C

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.

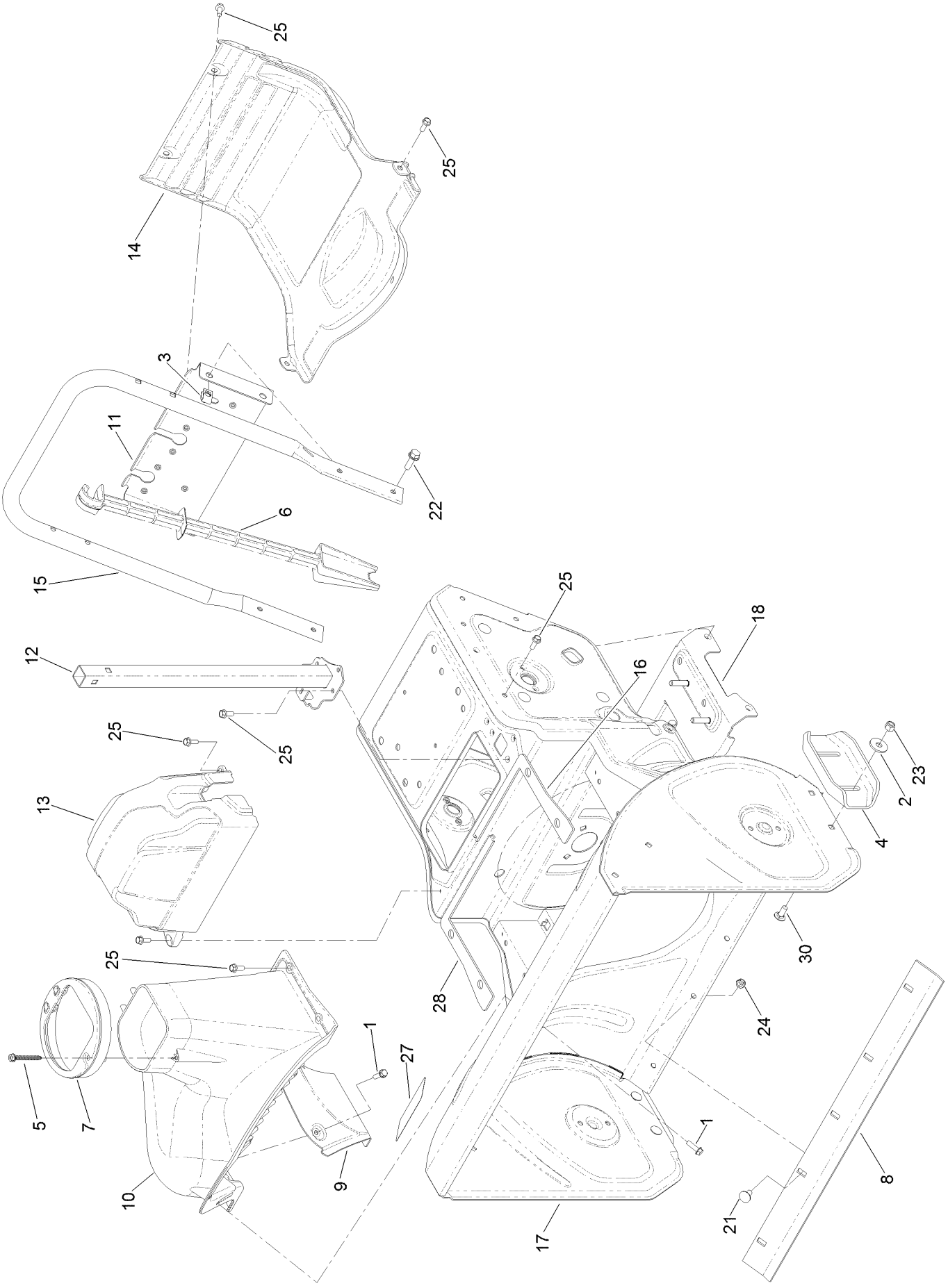
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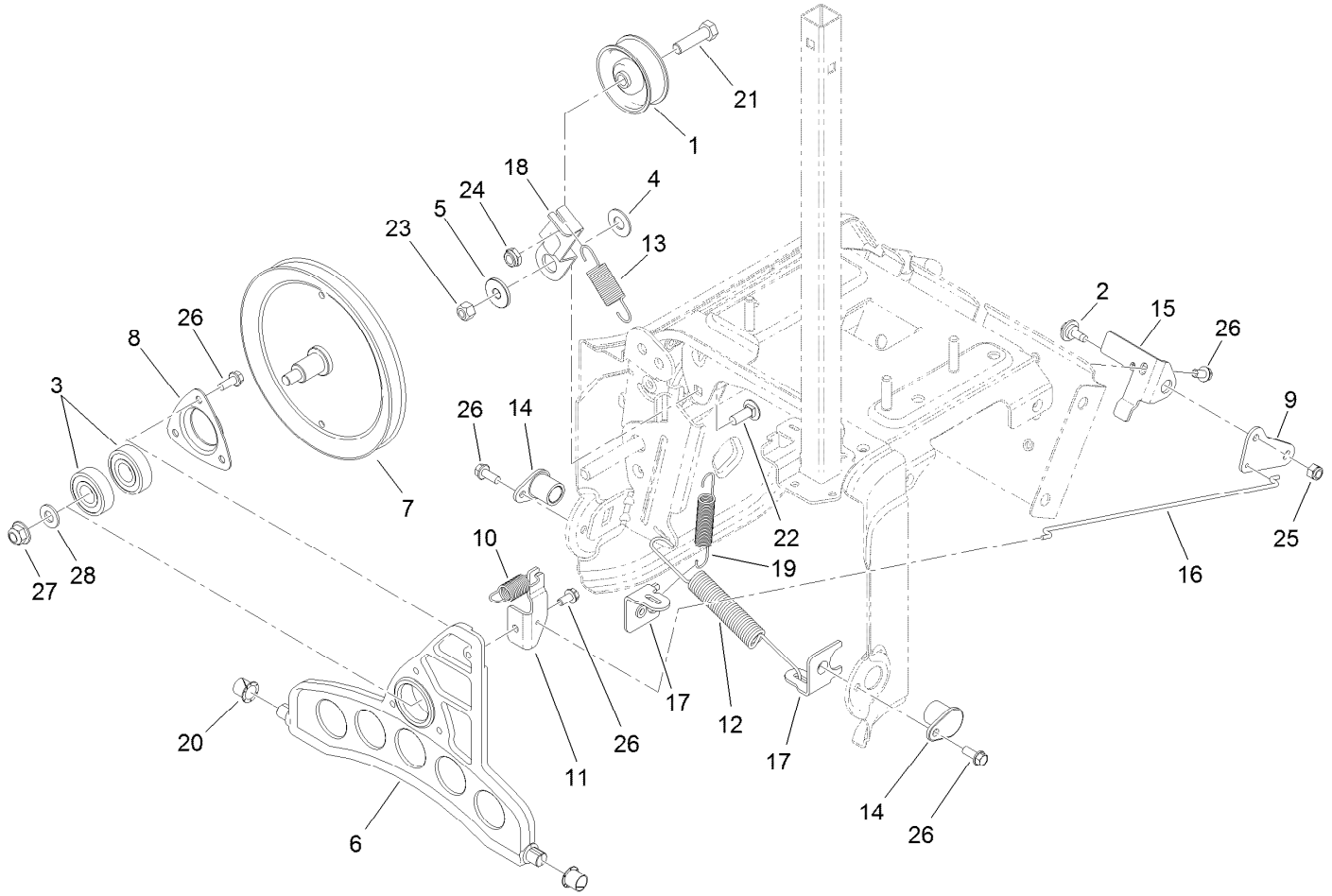
Main Frame and Auger Housing Assembly



Main Frame and Auger Housing Assembly (continued)

Ref.	Part Number	Qty.	Description
1	46-8091	6	Screw-HWH
2	52-2861	4	Washer
3	94-2413	4	Nut-U
4	106-4588-01	2	Skid
5	114-3751	1	Screw-HWH, Plastite
6	121-6833	1	Stick-Cleanout
7	119-7626	1	Guide-Chute
8	119-7601-01	1	Scraper-24 Inch
9	120-7158-01	1	Cover-Liner
10	120-7159	1	Cover
11	120-7161-01	1	Brace-Frame
12	120-7170-03	1	Support-Chute
13	120-7177	1	Cover-Belt
14	120-7178	1	Cover-Lower
15	120-7179-03	1	Handle-Lower
16	120-7181	1	Seal-Housing, LH
17	131-6468	1	Frame
18	121-1218	1	Plate-Stud Engine
21	3230-18	5	Screw-CARR
22	3234-29	4	Screw-HHF
23	3296-29	4	Nut-Lock, NI
24	3296-47	5	Nut-Lock, NI
25	32144-85	17	Screw-HWH
27	121-6817	1	Decal-Danger, Auger
28	121-6841	1	Seal-Housing, RH
30	3230-23	4	Screw-CARR

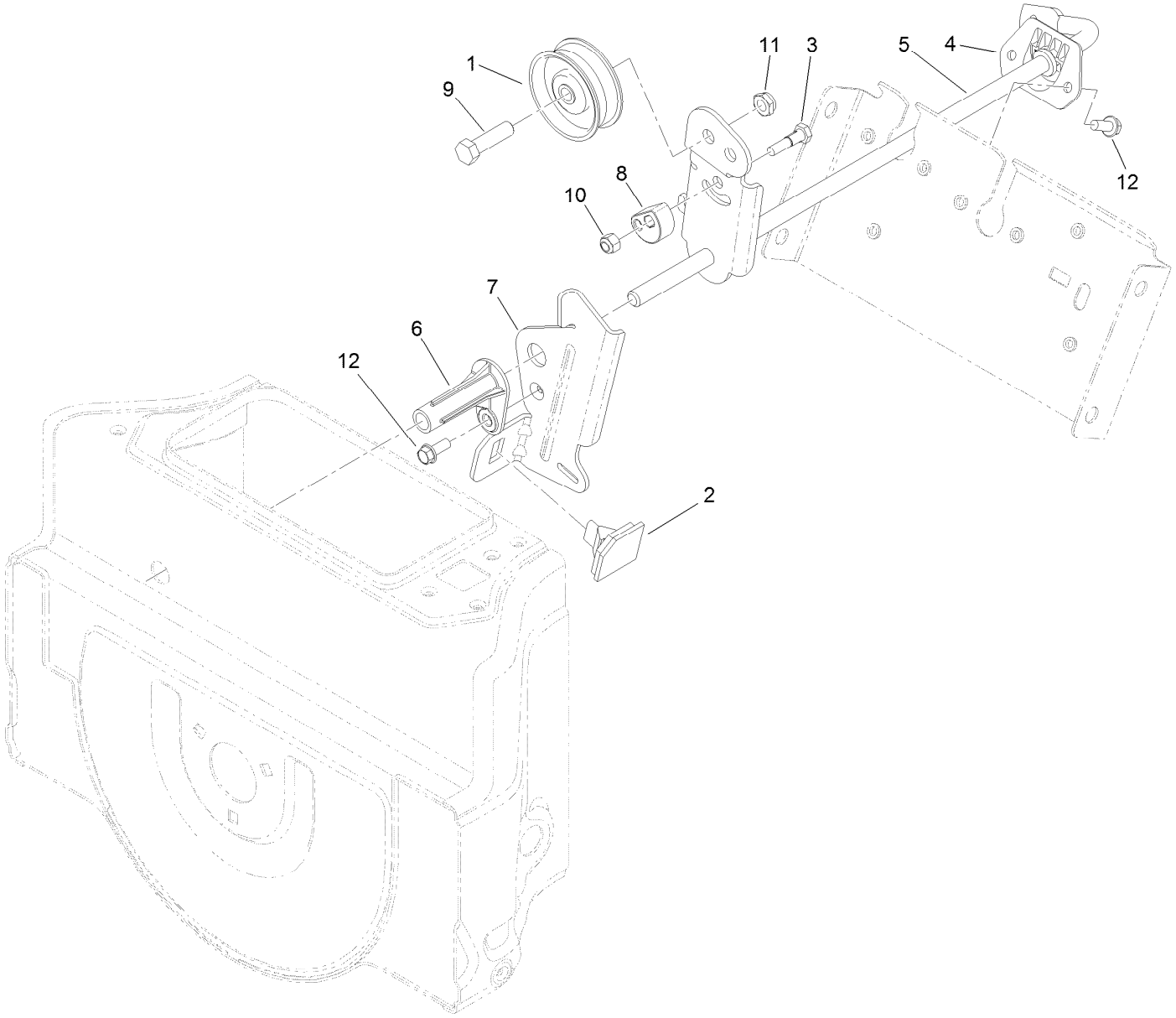
Pulleys and Bellcrank Assembly



Pulleys and Bellcrank Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3-4244	1	Pulley-Idler
2	92-9698	1	Screw-Shoulder
3	100-1048	2	Bearing-Ball
4	25-5640	1	Washer
5	117-7711	1	Bushing-Idler
6	119-7645	1	Plate-Wheel, Friction
7	119-7648	1	Pulley-Traction
8	119-7649	1	Retainer-Bearing
9	119-7670-03	1	Bellcrank-Drive
10	119-7676	1	Spring-Extension
11	119-7679	1	Bracket-Plate, Traction
12	120-3883	1	Spring-Extension
13	120-3888	1	Spring-Extension
14	120-7156	2	Bushing-Plate, Traction
15	120-7165-03	1	Bracket-Bellcrank
16	120-7166	1	Link-Drive
17	120-9271	2	Bracket-Anchor, Spring
18	120-9273	1	Arm-Idler, Traction
19	120-9275	1	Spring-Extension
20	256-257	2	Bushing-Nyliner
21	323-29	1	Screw-HH
22	3230-10	1	Bolt-CARR
23	3296-29	1	Nut-Lock, NI
24	3296-59	1	Nut-Lock, NI
25	3296-73	1	Nut-Lock, NI
26	32144-85	7	Screw-HWH
27	104-8301	1	Nut-HF, NI
28	3256-24	1	Washer-Flat

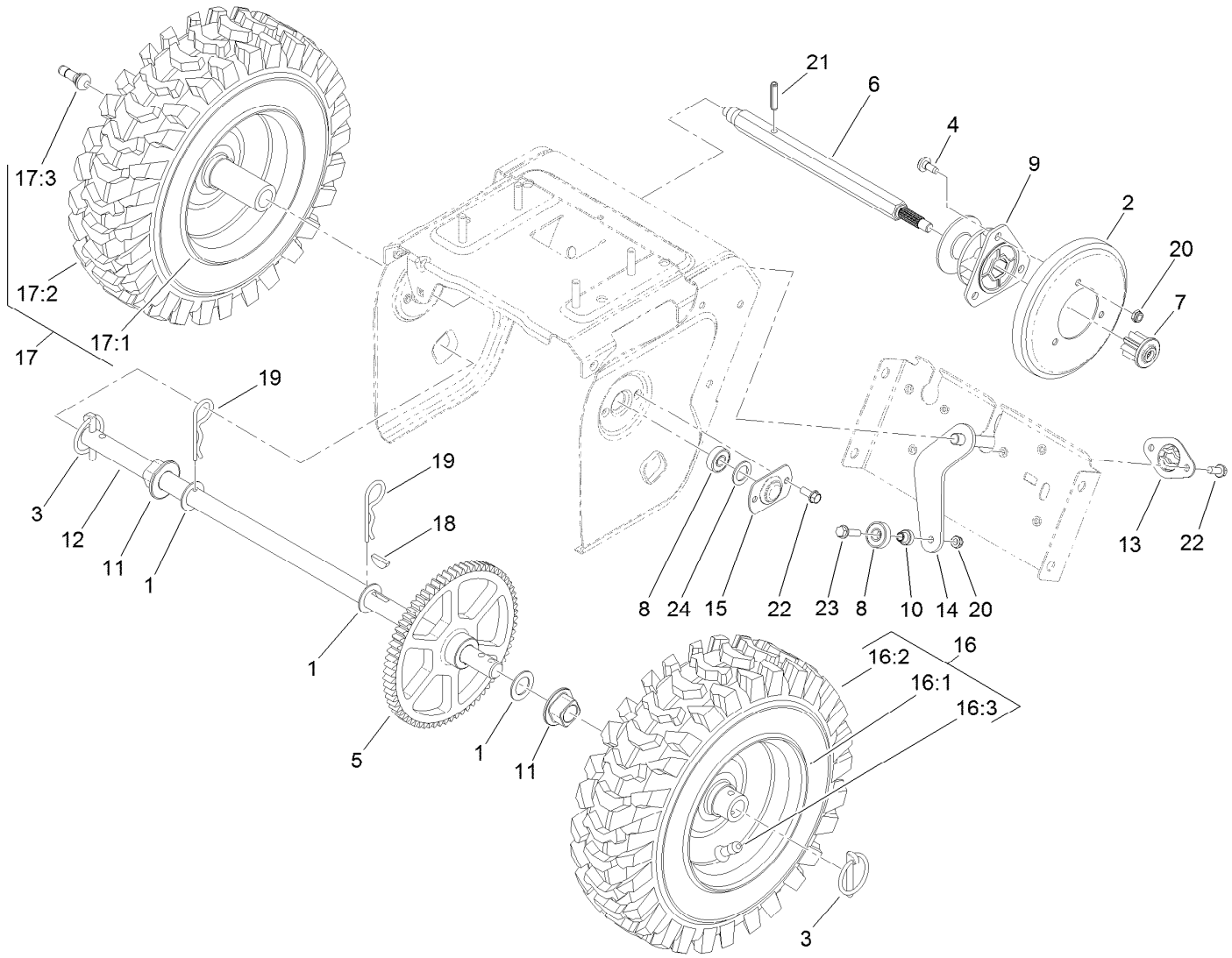
Impeller Drive Assembly



Impeller Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3-4244	1	Pulley-Idler
2	66-8060	1	Pad-Brake
3	119-3301	1	Bolt-Pivot, Eccentric
4	120-7167	1	Bushing-Rod, Clutch
5	120-9254-03	1	Impeller Clutch ASM
6	120-9256	1	Pivot-Brake, Impeller
7	120-9257-03	1	Arm-Brake, Impeller
8	120-9276	1	Eccentric-Brake, Impeller
9	323-29	1	Screw-HH
10	3296-42	1	Nut-Lock, NI
11	3296-59	1	Nut-Lock, NI
12	32144-85	3	Screw-HWH

Drive Assembly

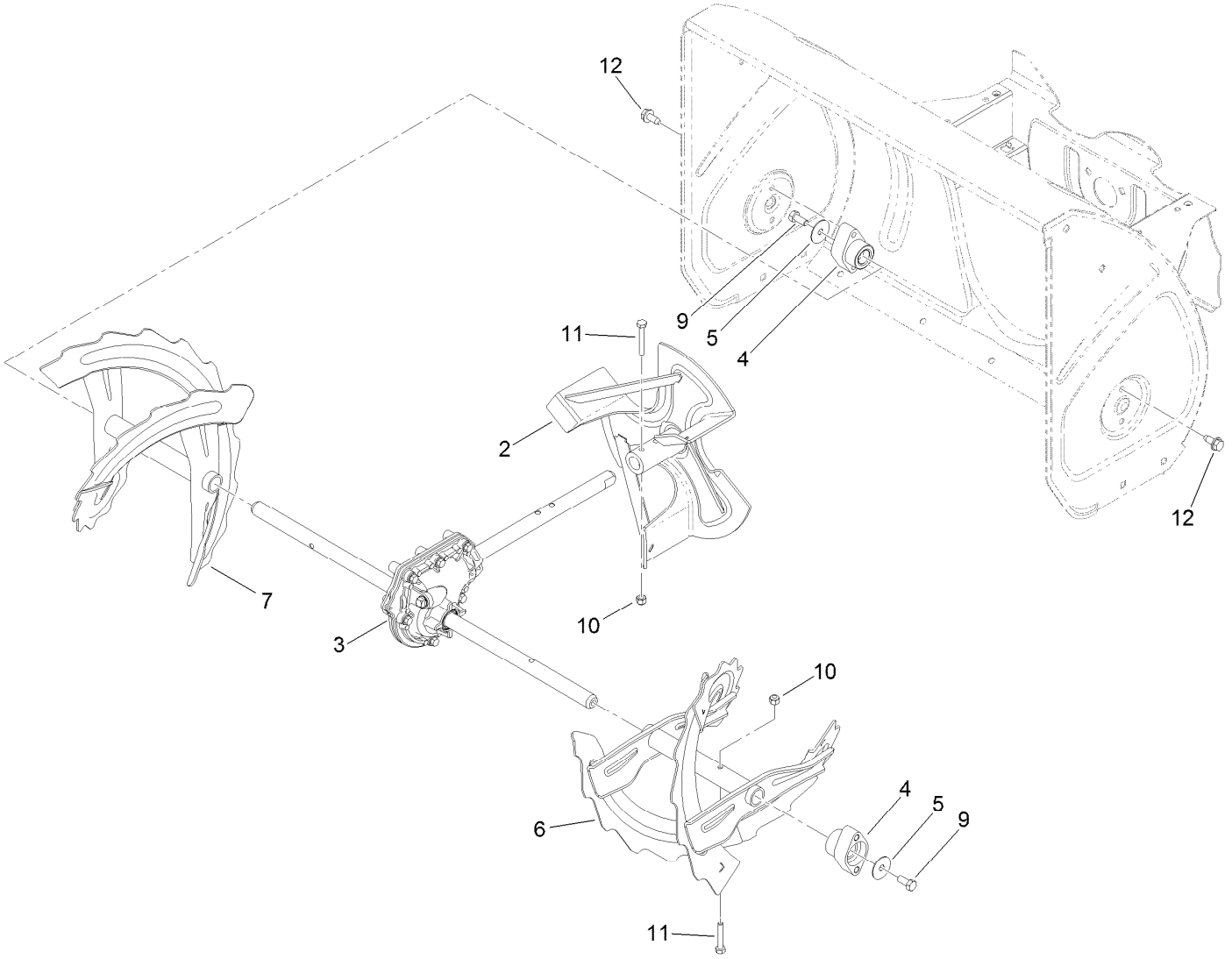


Drive Assembly (continued)

Ref.	Part Number	Qty.	Description
1	3-8664	3	Washer-Thrust
2	119-1567	1	Wheel-Friction
3	107-3039	2	Klik Pin ASM
4	120-7950	3	Screw-Shoulder
5	119-7613	1	Gear-Axle
6	119-7615	1	Shaft-Hex
7	119-7616	1	Gear-Pinion, 8 Tooth
8	121-6835	3	Bearing-Ball
9	119-7630	1	Trunnion
10	119-7684	1	Spacer-Plate, Shift
11	120-7162	2	Bushing-Axle
12	120-7180	1	Axle
13	120-7191	1	Retainer-Plate, Shift
14	120-7193-03	1	Shift Plate ASM
15	120-9266	2	Retainer-Bearing
16		1	LH Wheel And Tire ASM ●
16:1	121-1212	1	Wheel
16:2	121-6820	1	Tire
16:3	232-27	1	Stem-Valve
17		1	RH Wheel And Tire ASM ●
17:1	121-1212	1	Wheel
17:2	121-6820	1	Tire
17:3	232-27	1	Stem-Valve
18	3257-7	1	Key-Woodruff
19	3290-343	2	Pin-Hair
20	3296-56	4	Nut-Lock, NI
21	32121-9	1	Pin-Roll, Slotted
22	32144-85	6	Screw-HWH
23	32144-86	1	Screw-HWHTF
24	121-6840	2	Washer-Rubber

● Not serviced separately

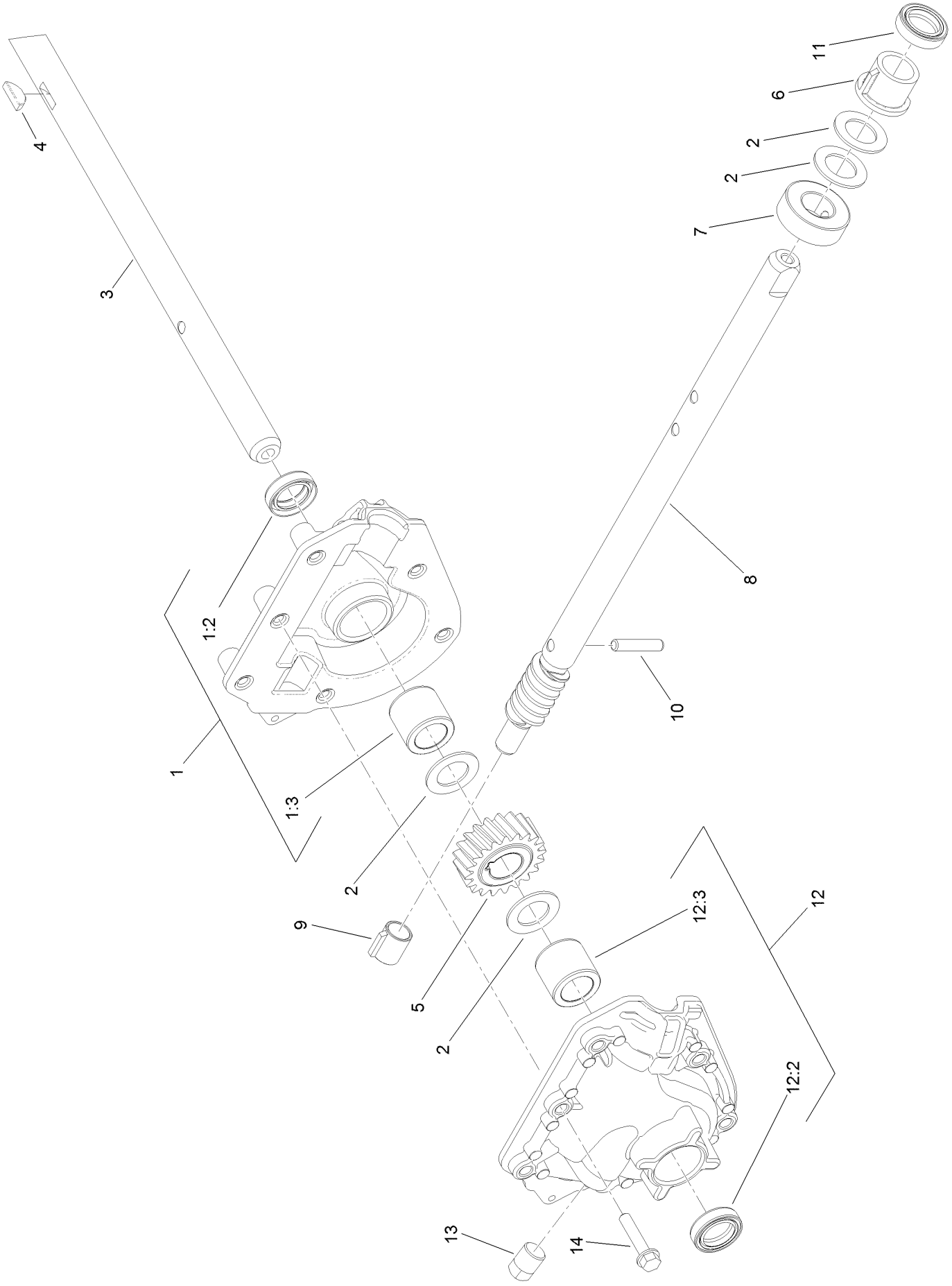
Gearbox, Auger and Impeller Assembly



Gearbox, Auger and Impeller Assembly (continued)

Ref.	Part Number	Qty.	Description
2	119-7612-03	1	Impeller ASM
3	120-3859	1	Gearcase ASM
4	120-3860	2	Bearing-Auger
5	120-3862	2	Washer-Thrust
6	120-9287-03	1	LH Auger ASM
7	120-9290-03	1	RH Auger ASM
9	322-3	2	Screw-HH
10	3296-42	4	Nut-Lock, NI
11	321-10	4	Screw-HH
12	32144-70	4	Screw-HWHTF

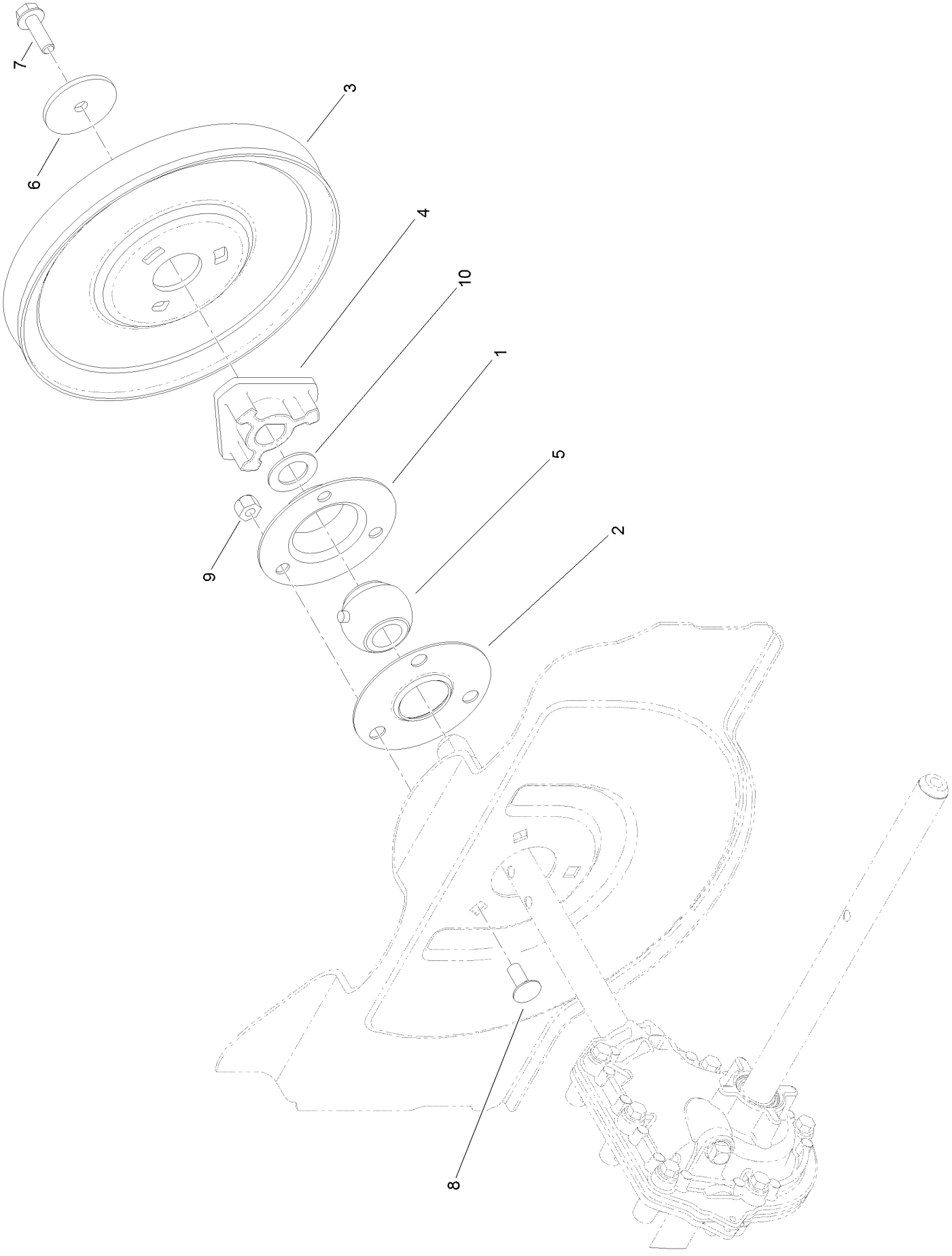
24 Inch Auger Gearcase Assembly No. 120-3859



24 Inch Auger Gearcase Assembly No. 120-3859 (continued)

Ref.	Part Number	Qty.	Description
1	121-1209	1	RH Auger Gearcase ASM
1:2	121-6634	1	Seal-Shaft
1:3	120-9269	1	Bushing-Sleeve
2	119-7640	4	Washer-Thrust
3	120-3858	1	Shaft-Output, Auger
4	3257-5	1	Key-Woodruff
5	119-1576	1	Gear-Helical, 20 Tooth
6	119-7635	1	Bushing-Input
7	119-7636	1	Collar-Thrust
8	121-1234	1	Shaft-Impeller, Rolled
9	62-1150	1	Bushing-Worm
10	107-8899	1	Pin-Dowel
11	121-6634	1	Seal-Shaft
12	121-1210	1	LH Auger Gearcase ASM
12:2	121-6634	1	Seal-Shaft
12:3	120-9269	1	Bushing-Sleeve
13	121-6832	1	Plug-Pipe, SQH
14	108-4862	6	Screw-HWHTF

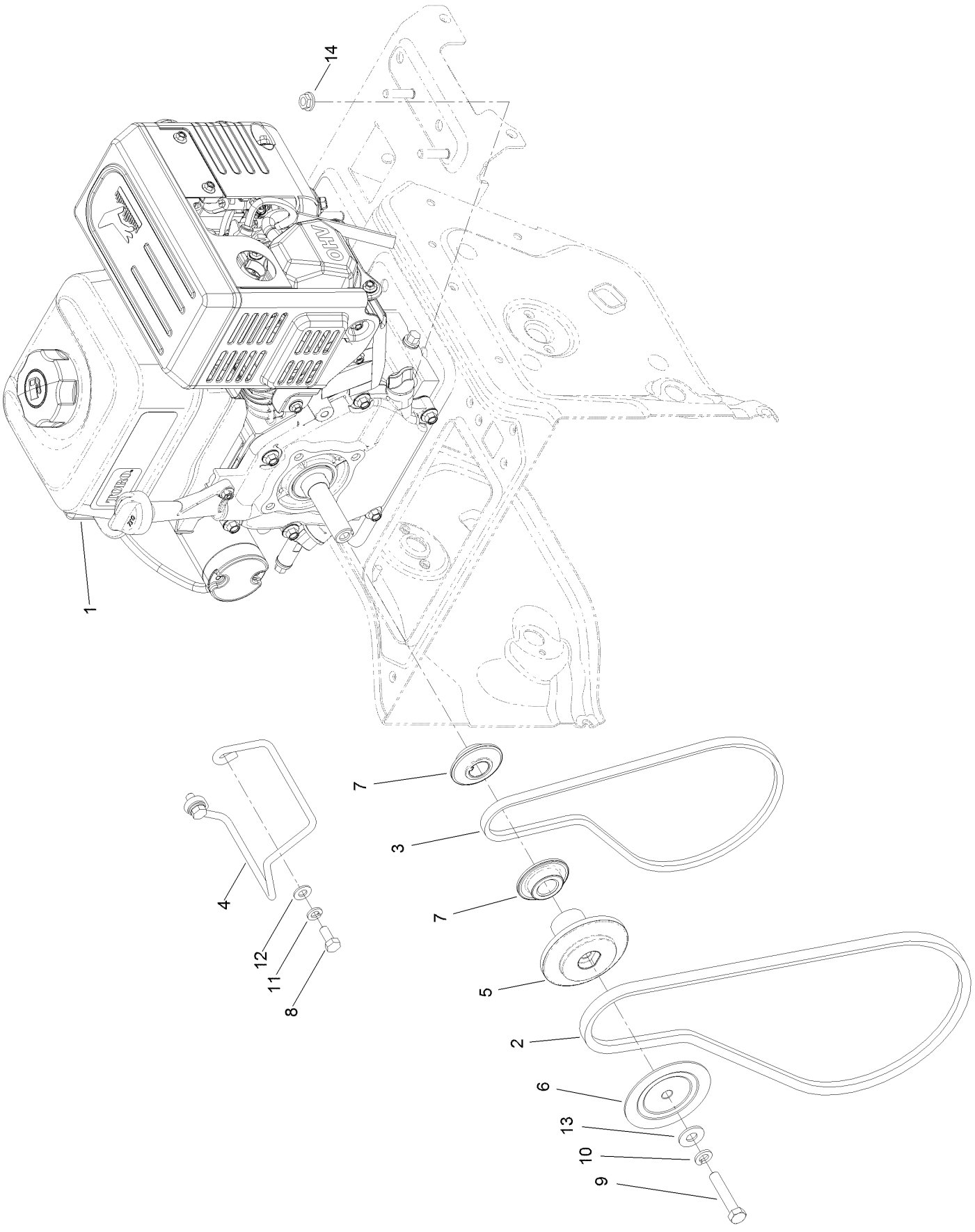
Impeller Assembly



Impeller Assembly (continued)

Ref.	Part Number	Qty.	Description
1	26-6110	1	Flange-Cup, Bearing
2	26-6120	1	Flange-Cup, Bearing
3	120-9263	1	Pulley-Impeller
4	120-9264	1	Hub-Impeller, Pulley
5	120-9272	1	Bearing
6	121-1230	1	Washer-Plain
7	115-5142	1	Screw-HHF
8	3230-23	3	Screw-CARR
9	3296-29	3	Nut-Lock, NI
10	119-7640	1	Washer-Thrust

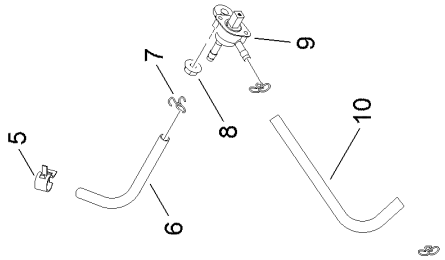
Engine Pulley and Belt Assembly

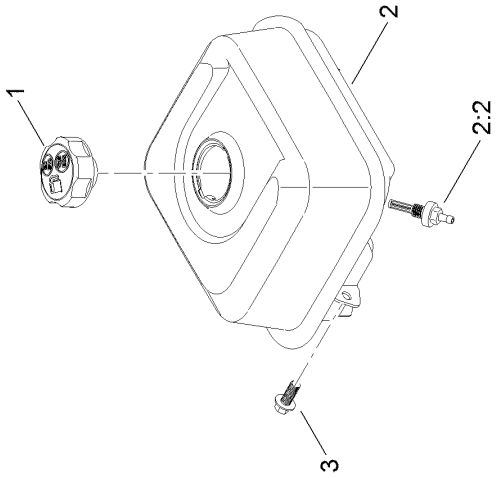


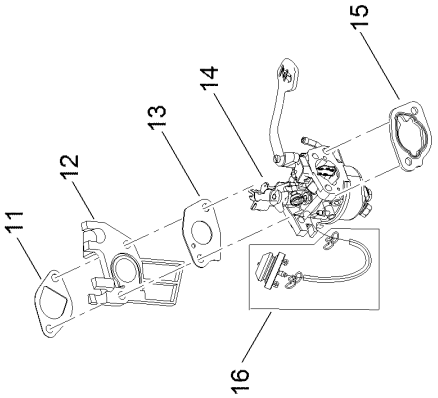
Engine Pulley and Belt Assembly (continued)

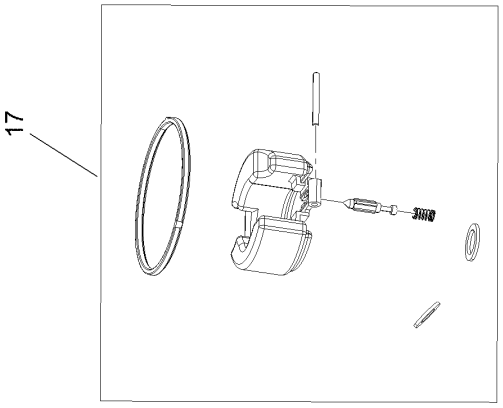
Ref.	Part Number	Qty.	Description
1	127-9034	1	Engine-G210Fds-1
2	120-3892	1	Belt-V
3	120-3893	1	Belt-V
4	120-7196	1	Guide-Belt
5	120-9283	1	Pulley-Auger, Rear
6	120-9284	1	Pulley-Auger, Front
7	121-6804	2	Pulley-Traction
8	33114-020	2	Screw-HH
9	120-2302	1	Screw-HH
10	3253-21	1	Washer-Lock
11	3253-4	2	Washer-Lock
12	3256-23	2	Washer-Plain
13	3256-4	1	Washer-Flat
14	32128-20	4	Nut-HF

Fuel System and Carburetor Assembly







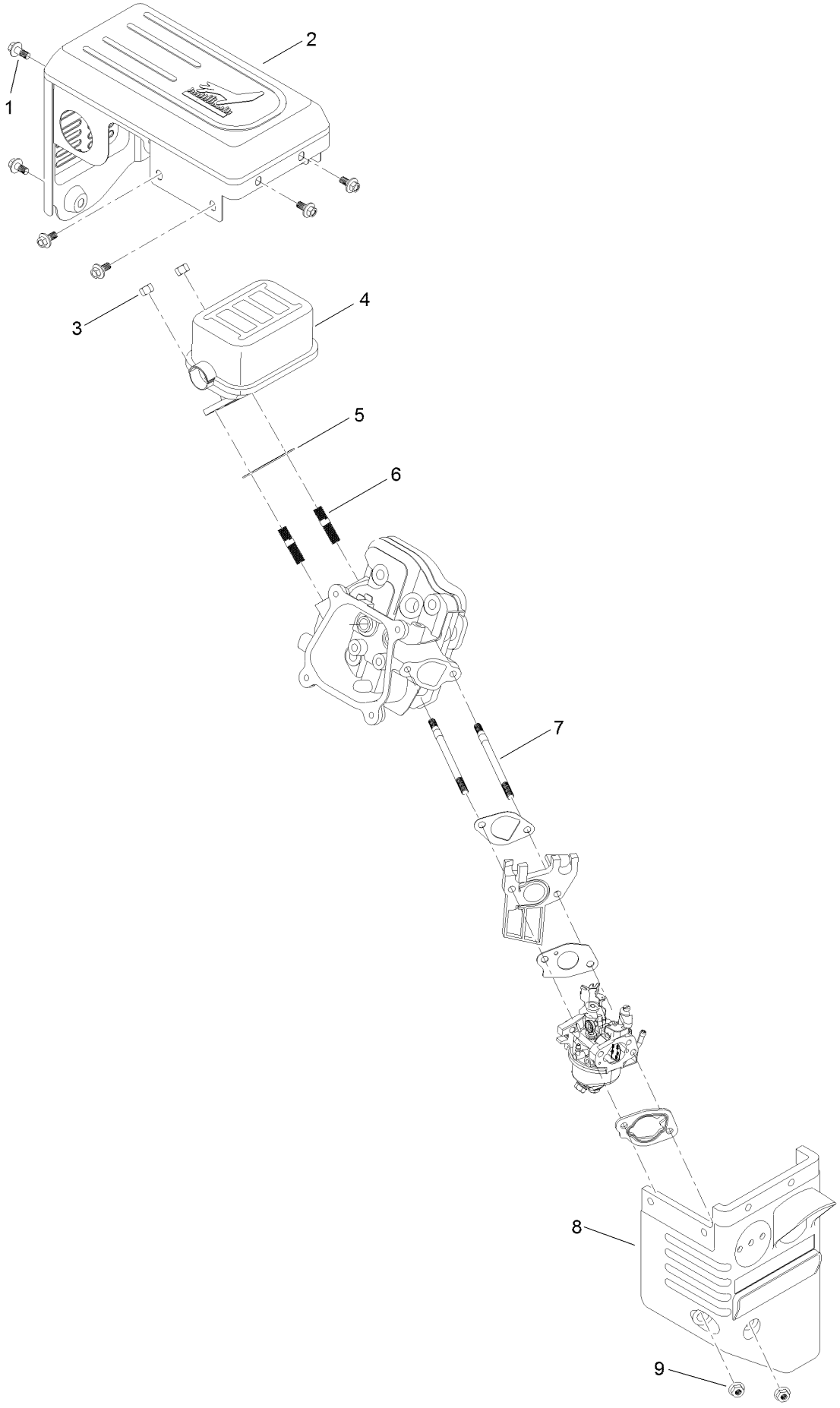


Fuel System and Carburetor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9365	1	Cap-Fuel (Phase 3)
2	127-9497	1	Fuel Tank And Filter ASM
2:2	127-9065	1	Filter-Fuel
3	121-0294	1	Screw-HHF
5	127-9120	1	Clamp-Hose
6	127-9118	1	Hose-Fuel, Formed
7	121-0087	3	Clamp-Hose
8	120-4236	1	Nut-Flange
9	127-9117	1	Valve-Fuel
10	127-9384	1	Hose-Fuel, Formed
11	121-0076	1	Gasket-Carburetor
12	121-0077	1	Insulator-Carburetor
13	121-0078	1	Gasket-Carburetor
14	127-9111	1	Carburetor ASM
15	121-0080	1	Gasket-Carburetor
16	127-9079	1	Primer Kit
17	127-9394	1	Internal Carb Service Kit
99	127-9301	1	High Altitude Kit - G210 ●

● Not illustrated

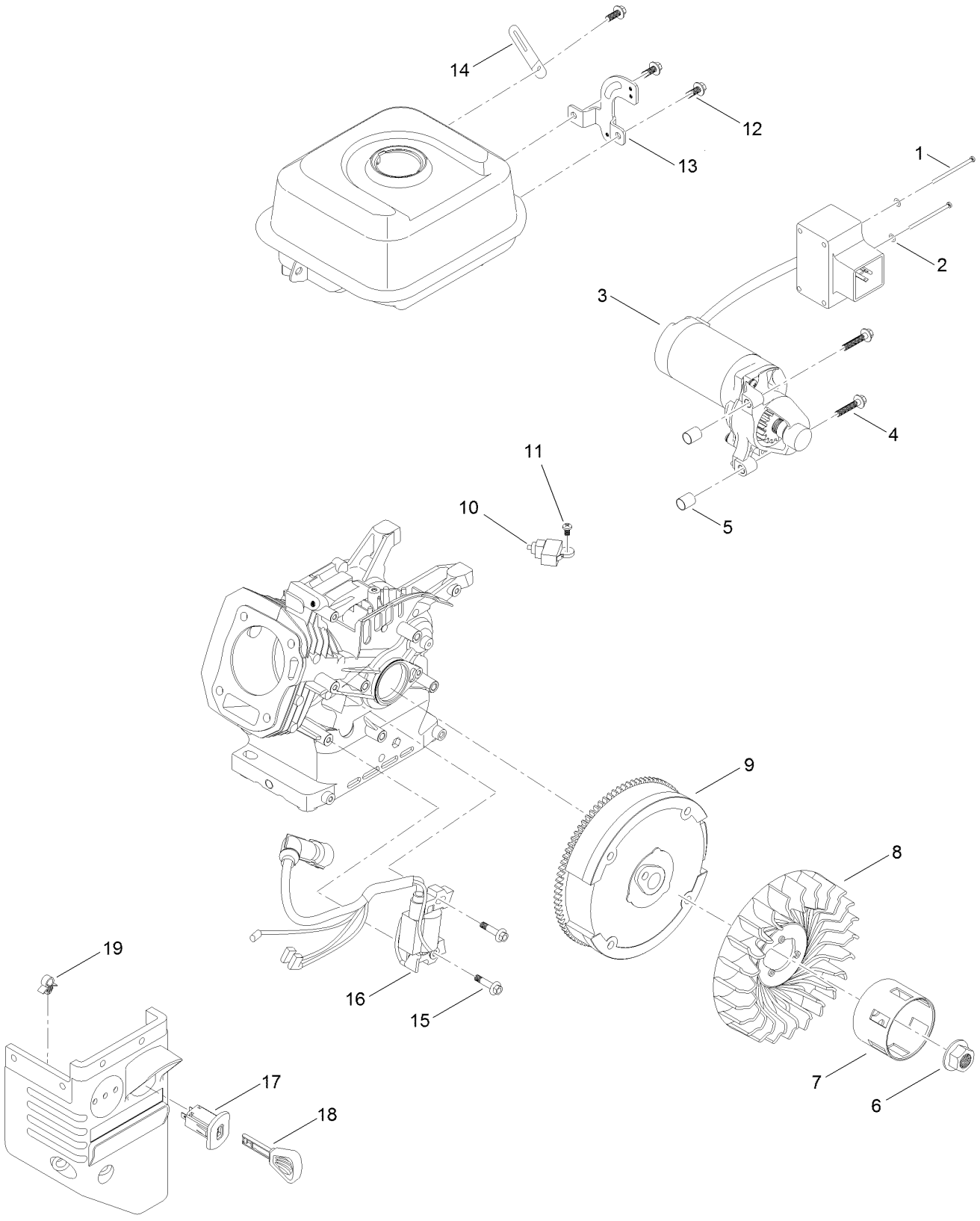
Intake and Exhaust Assembly



Intake and Exhaust Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0294	6	Screw-HHF
2	127-9127	1	Guard-Muffler
3	121-0199	2	Nut-HH
4	127-9128	1	Muffler ASM
5	121-0167	1	Gasket-Exhaust
6	121-0464	2	Stud-Exhaust
7	121-4112	2	Stud-Intake
8	127-9112	1	Box-Heater
9	121-0308	2	Nut-Flange

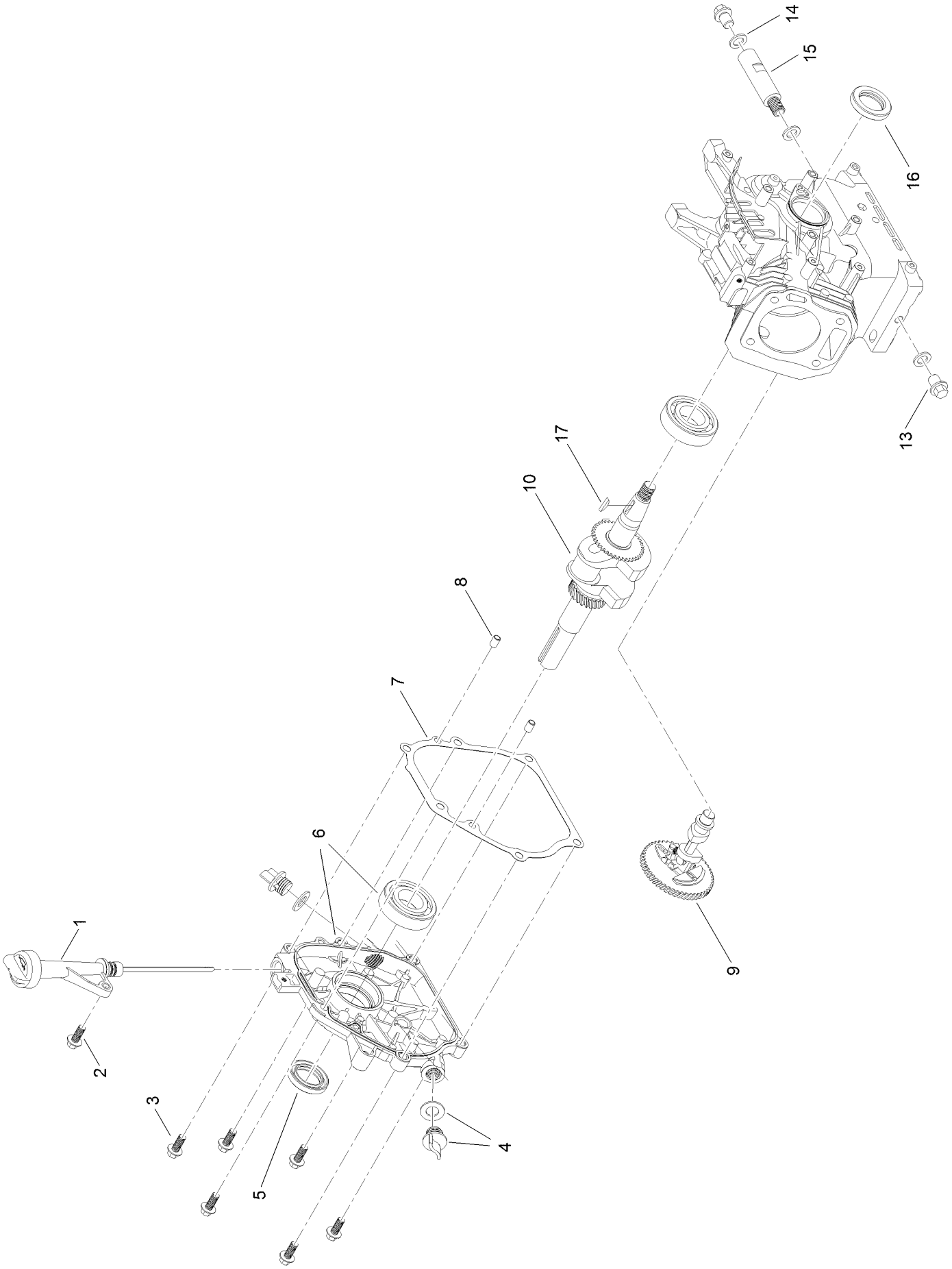
Ignition and Electrical Assembly



Ignition and Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0306	2	Screw-Bhp
2	121-0312	2	Washer-Plain
3	127-9122	1	Motor-Starter
4	127-9382	2	Screw-HHF
5	121-0055	2	Pin-Dowel
6	121-0047	1	Nut-Flange
7	127-9106	1	Cup-Starter
8	127-9002	1	Fan
9	127-9005	1	Flywheel
10	121-0284	1	Switch-Kill, Engine
11	120-4461	1	Screw-PPH
12	127-9123	3	Screw-HHF
13	127-9124	1	Bracket
14	121-0017	1	Clip-Harness, Wire
15	121-0097	2	Screw-HHF
16	127-9105	1	Ignition Coil ASM
17	121-0283	1	Switch-Key
18	117-7728	1	Key
19	121-0326	1	Clip

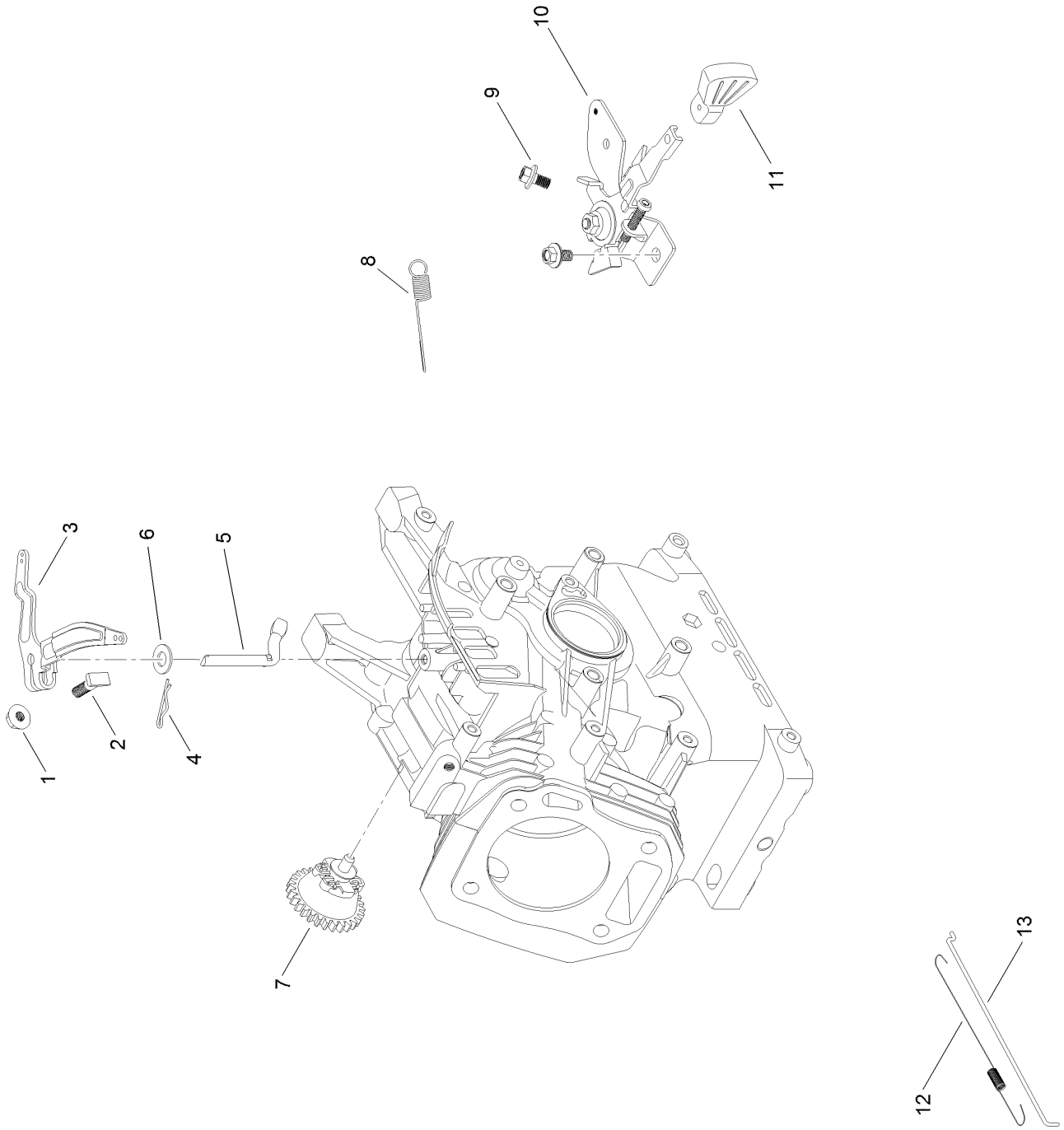
Crankcase Assembly



Crankcase Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-9126	1	Oil Fill ASM
2	127-9123	1	Screw-HHF
3	121-4114	6	Screw-HHF
4	127-9099	2	Oil Cap ASM
5	121-0209	1	Seal-Oil
6	127-9385	1	Crankcase Cover ASM
7	121-0105	1	Gasket-Cover, Crankcase
8	121-0054	2	Pin-Dowel
9	127-9377	1	Camshaft
10	127-9496	1	Crankshaft
13	121-0030	2	Screw-HHF
14	121-0048	3	Washer-Plain
15	127-9104	1	Tube-Drain, Oil
16	121-0208	1	Seal-Oil
17	120-4320	1	Key-Woodruff

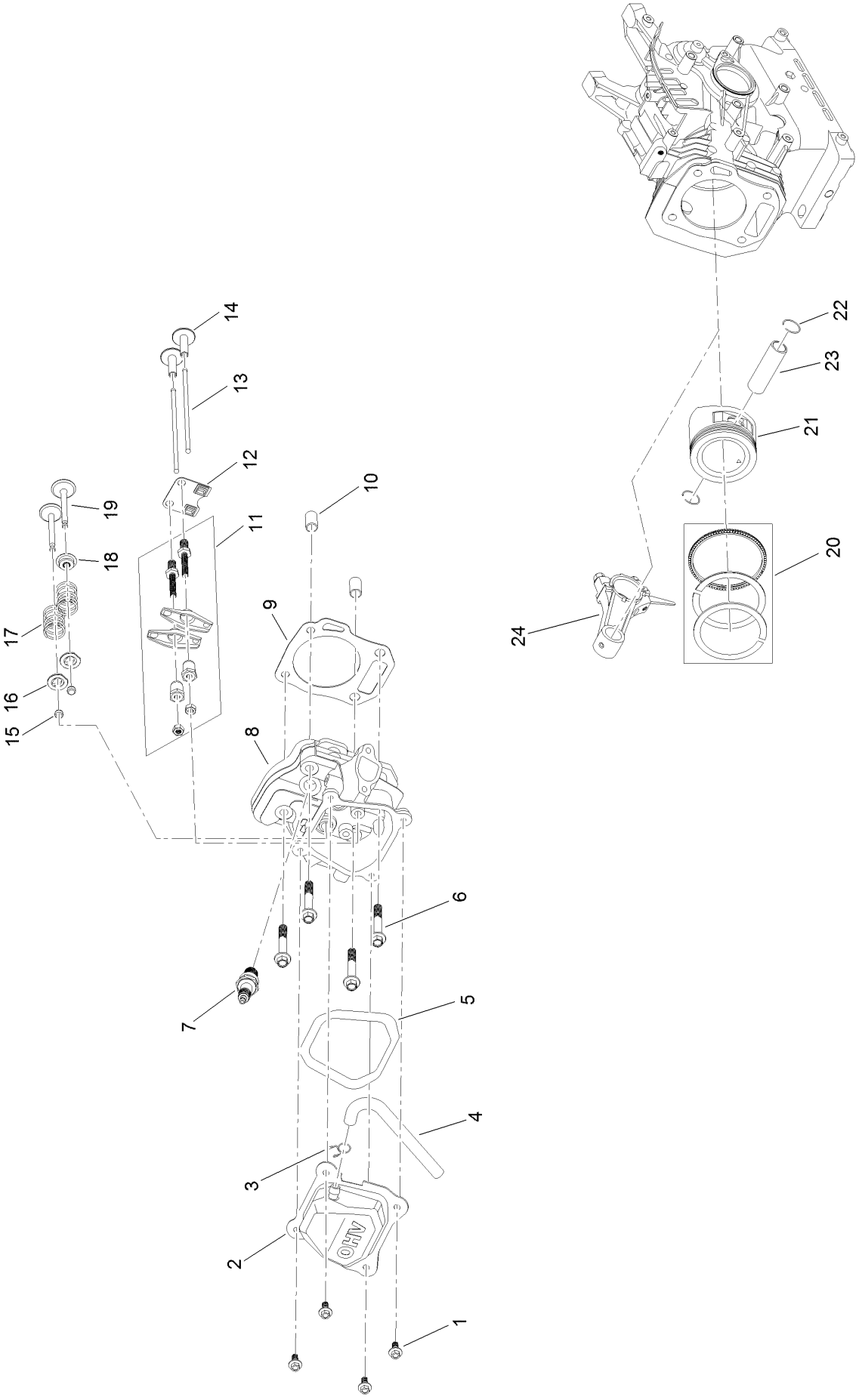
Governor Assembly



Governor Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4236	1	Nut-Flange
2	120-4238	1	Bolt-Arm, Governor
3	127-9102	1	Arm-Governor
4	120-4256	1	Pin-Hair
5	121-4131	1	Shaft-Governor
6	121-0498	1	Washer-Plain
7	127-9101	1	Governor Gear ASM
8	127-9114	1	Spring-Governor
9	121-0118	2	Screw-HHF
10	127-9113	1	Speed Control ASM
11	121-0269	1	Knob-Control, Throttle
12	121-0153	1	Spring-Return, Throttle
13	121-0148	1	Rod-Governor

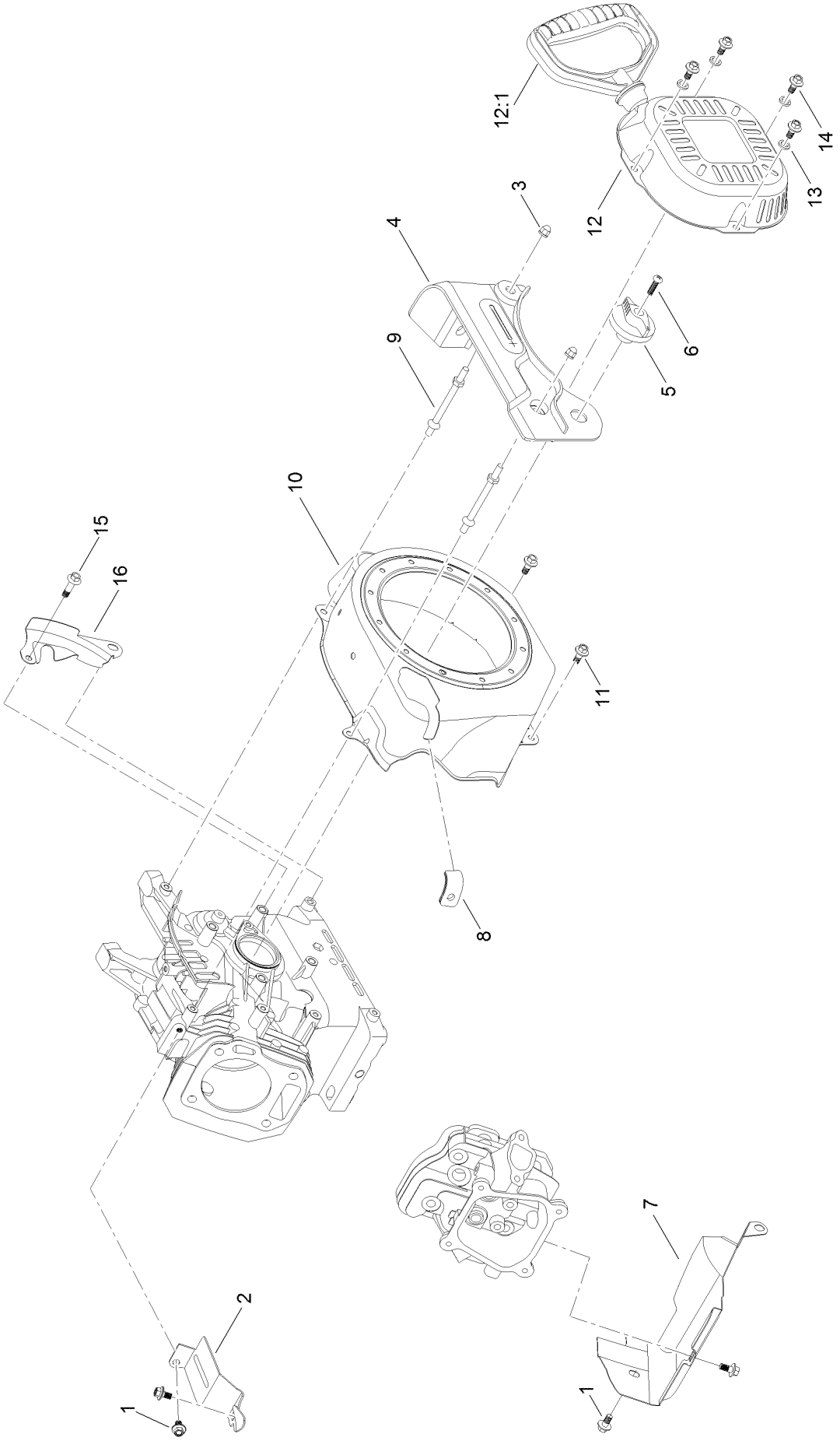
Piston and Head Assembly



Piston and Head Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4454	4	Screw-HHF
2	127-9094	1	Cover-Valve
3	127-9408	1	Clamp-Hose
4	127-9095	1	Tube-Breather
5	121-0109	1	Gasket-Cover, Valve
6	121-4110	4	Screw-HHF
7	81-3250	1	Spark Plug
8	127-9013	1	Head-Cylinder
9	127-9000	1	Gasket-Head, Cylinder
10	121-0053	2	Pin-Dowel
11	120-4475	1	Rocker Arm ASM
12	121-4120	1	Plate-Guide, Push Rod
13	121-4121	2	Rod-Push
14	127-9015	2	Tappet-Valve
15	121-4116	2	Rotator-Valve
16	121-4117	2	Retainer-Spring, Valve
17	127-9014	2	Spring-Valve
18	121-4202	1	Seal-Stem, Valve
19	127-9016	1	Valve Set
20	121-4295	1	Ring Set, Piston
21	121-4293	1	Piston
22	121-0313	2	Clip-Pin, Piston
23	121-4128	1	Pin-Piston
24	127-9017	1	Connecting Rod ASM

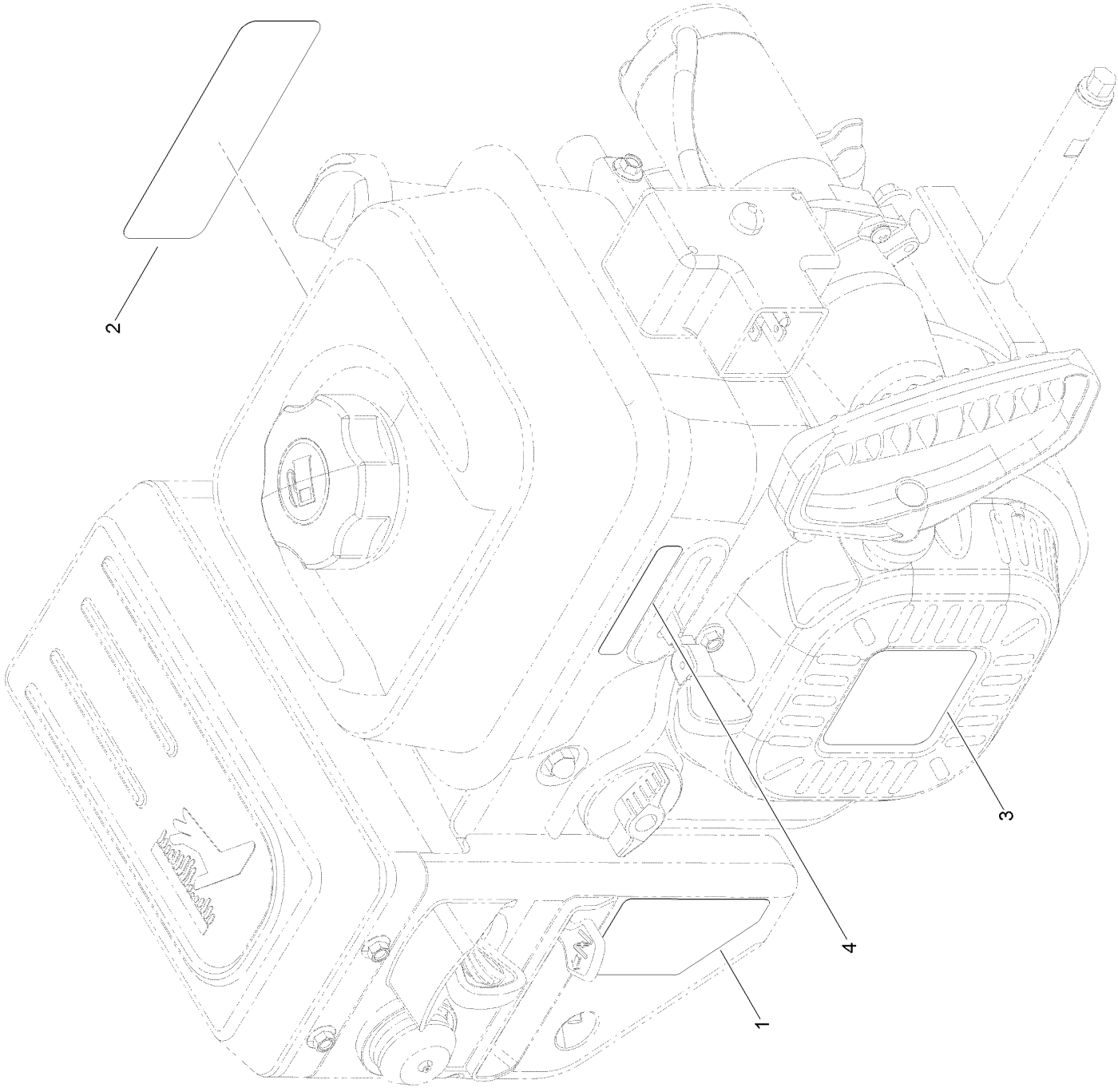
Blower Housing and Shrouds Assembly



Blower Housing and Shrouds Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-0118	4	Screw-HHF
2	127-9097	1	Baffle
3	127-9383	2	Nut-Acorn
4	127-9116	1	Panel-Control
5	121-0268	1	Knob-Valve, Fuel
6	121-0305	1	Screw-Bhp
7	127-9096	1	Shroud-Lower
8	127-9107	1	Block-Rubber
9	127-9110	2	Stud-Mount
10	127-9108	1	Shroud-Blower
11	121-0294	2	Screw-HHF
12	127-9109	1	Recoil Starter ASM
12:1	121-0287	1	Handle-Recoil
13	127-9380	4	Washer-Plain
14	127-9031	4	Screw-HHF
15	120-4454	1	Screw-HHF
16	127-9121	1	Shield-Flywheel

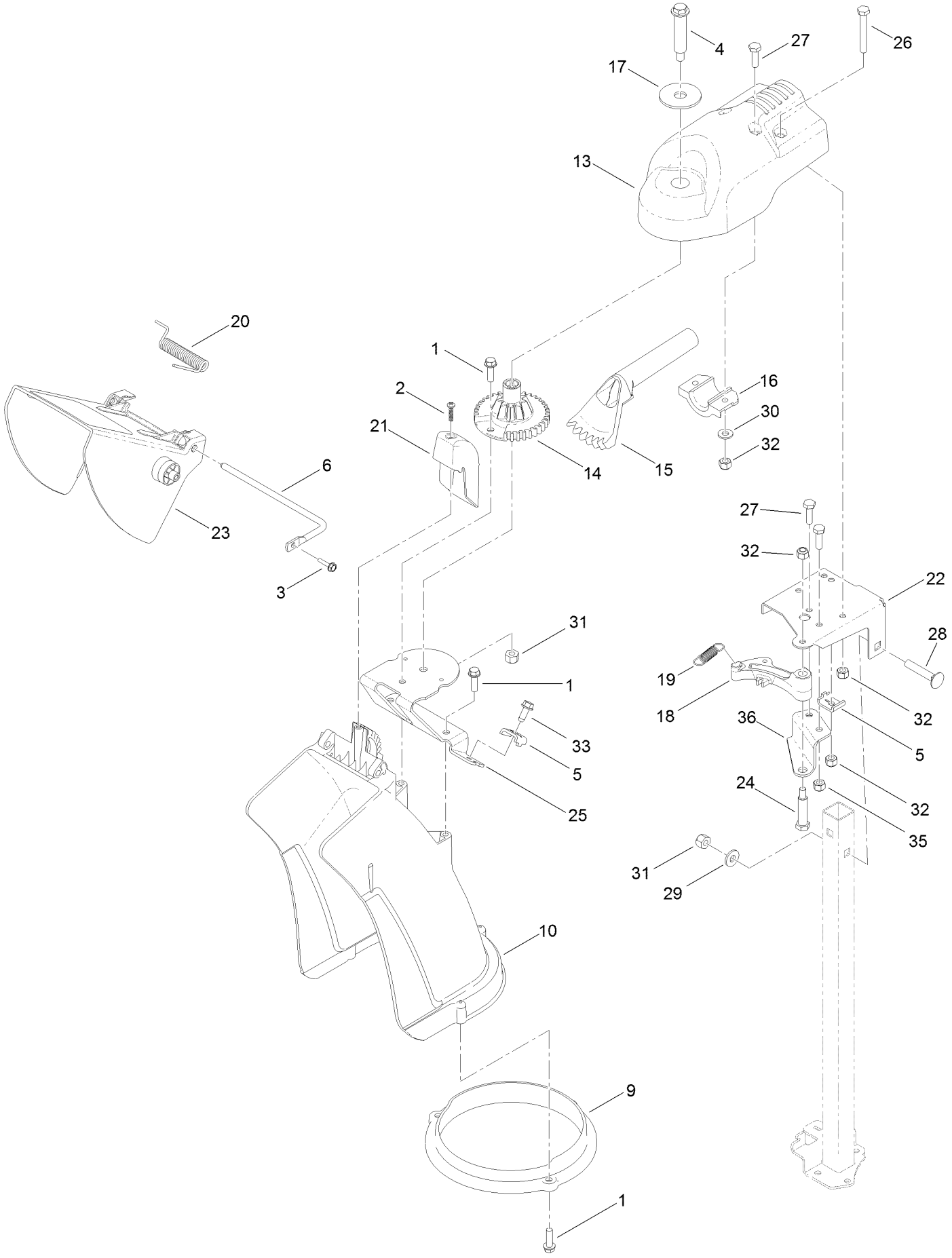
Engine Decal Assembly



Engine Decal Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-9805	1	Decal-Control, Engine
2	120-9806	1	Decal-Engine, Series G210
3	120-9809	1	Decal-Recoil, G210
4	131-6487	1	Decal-Throttle

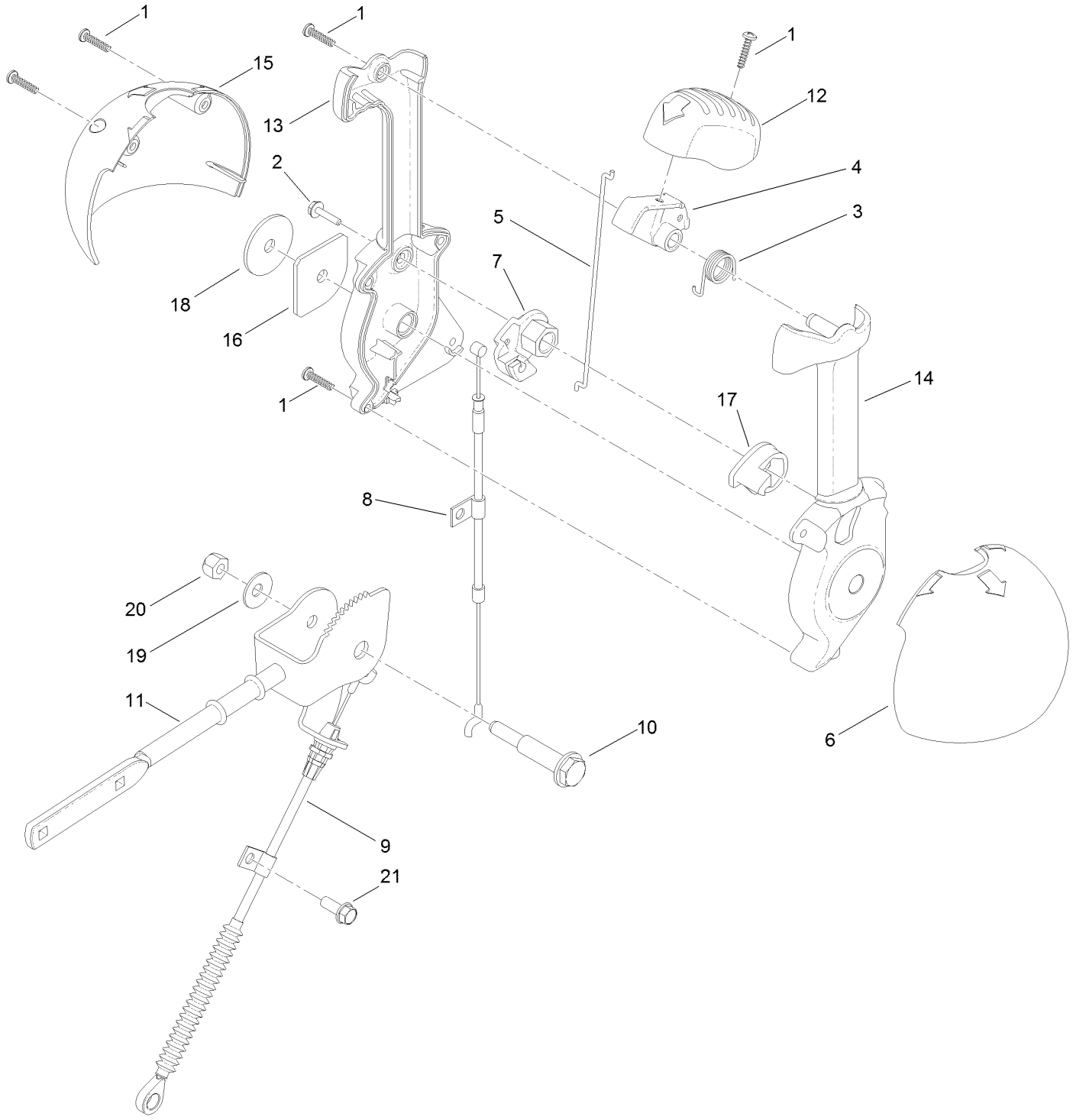
Chute Assembly



Chute Assembly (continued)

Ref.	Part Number	Qty.	Description
1	46-8091	6	Screw-HWH
2	94-4496	1	Screw-PPH
3	98-1375	1	Screw-HWH
4	100-9880	1	Bolt-Shoulder
5	106-7297	2	Clamp-Cable
6	121-6826	1	Rod-Deflector
9	119-7627	1	Ring-Chute
10	119-7628	1	Chute-Discharge
13	120-3852	1	Mount-Chute, Discharge
14	120-3853	1	Gear-Chute
15	120-3854	1	Gear-Bevel
16	120-3855	1	Mount-Gear, Bevel
17	120-3856	1	Washer-Flat
18	120-3869	1	Latch-Chute
19	120-7150	1	Spring-Latch, Chute
20	120-9298	1	Spring-Torsion
21	120-9299	1	Chute-Cover
22	121-1207-03	1	Bracket-Support, Chute
23	121-1215	1	Deflector-Chute
24	121-1229	1	Bolt-Shoulder
25	121-1237-03	1	Bracket-Mount, Chute
26	321-11	3	Screw-HH
27	321-5	4	Screw-HH
28	3230-5	2	Screw-CARR
29	3256-2	2	Washer-Flat
30	3256-22	2	Washer-Flat
31	3296-29	3	Nut-Lock, NI
32	3296-42	5	Nut-Lock, NI
33	32144-10	1	Screw-HWH
35	3296-42	2	Nut-Lock, NI
36	121-6843	1	Bracket-Support, Latch

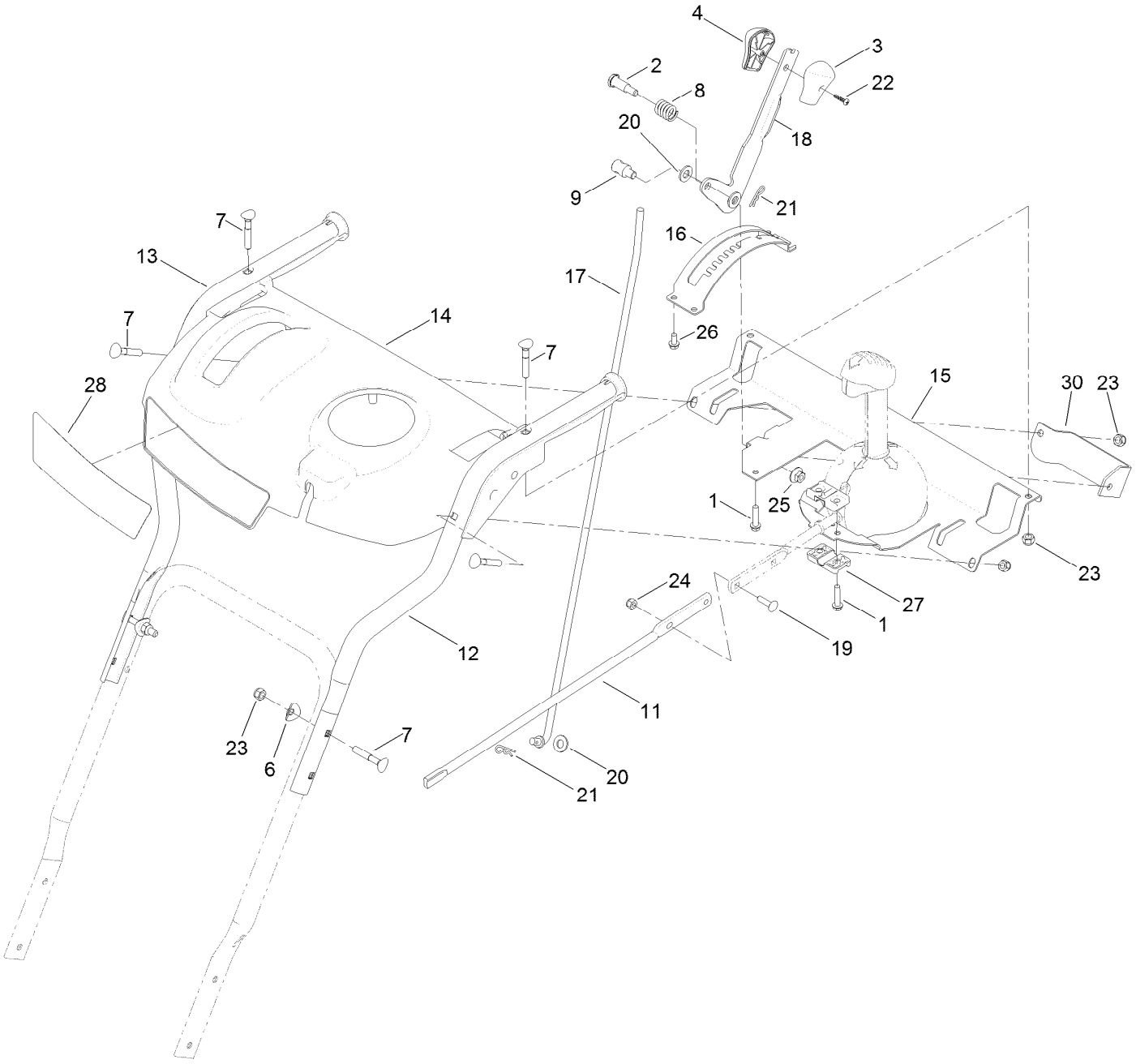
Quick Stick Assembly



Quick Stick Assembly (continued)

Ref.	Part Number	Qty.	Description
1	94-4496	5	Screw-PPH
2	98-1375	1	Screw-HWH
3	105-9982	1	Spring-Torsion
4	105-9984	1	Trigger-Latch
5	105-9985	1	Link-Latch
6	105-9986	1	Cover-Lever, Chute (LH)
7	105-9988	1	Lever-Cable, Deflector
8	121-6815	1	Cable-Release, Chute
9	121-6839	1	Cable-Deflector, Control
10	105-9995	1	Screw-Shoulder
11	106-4479	1	Rod-Control, Chute
12	106-7280	1	Cap-Lever
13	106-7281	1	Lever-Control, Chute (RH)
14	106-7282	1	Lever-Control, Chute (LH)
15	106-7292	1	Cover-Lever, Chute (RH)
16	106-7295	1	Plate-Friction
17	106-7310	1	Pawl-Latch
18	107-3002	1	Washer-Nylon
19	3290-456	1	Washer-Belleville
20	3296-29	1	Nut-Lock, NI
21	32144-85	1	Screw-HWH

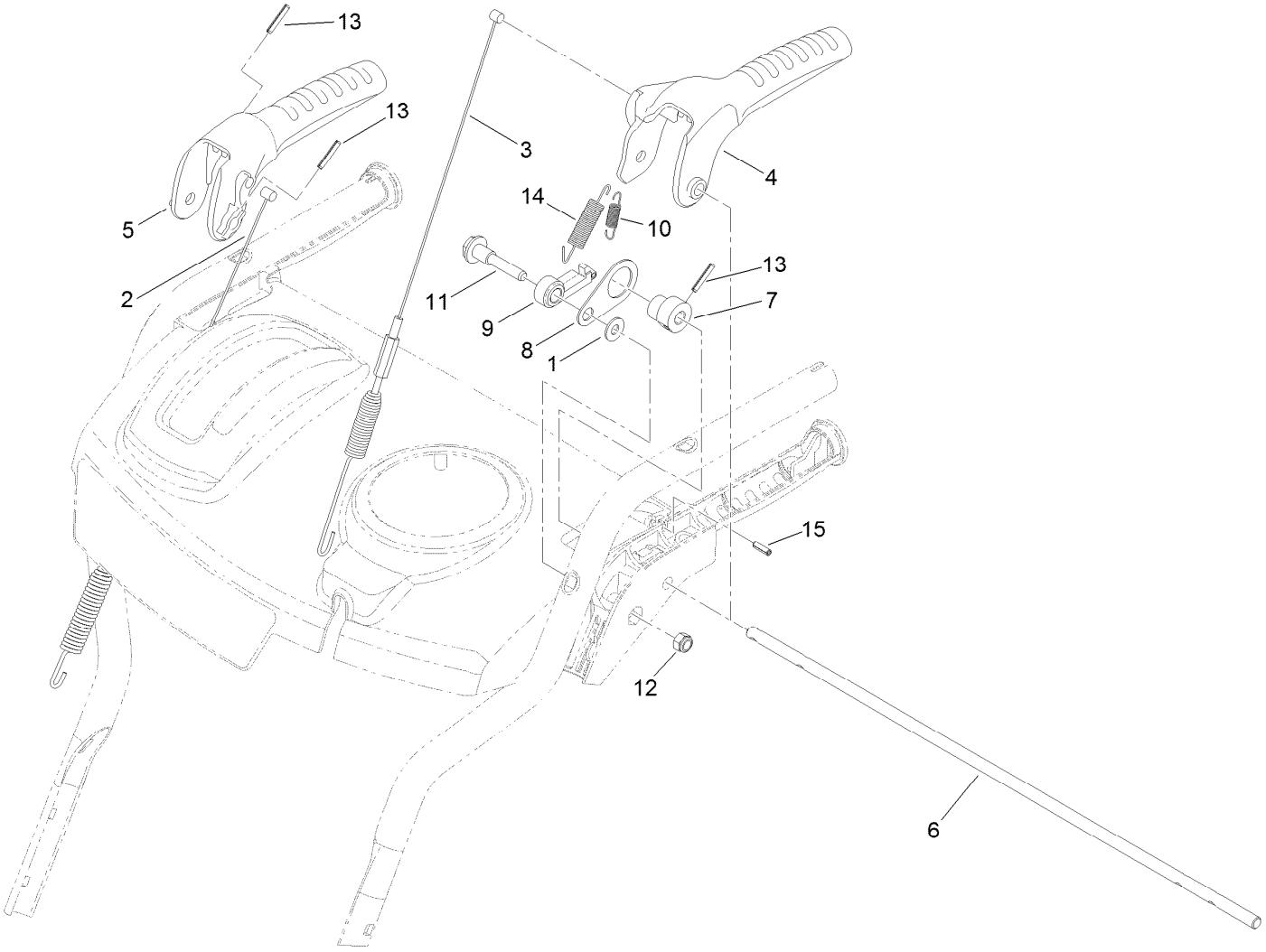
Handle Assembly



Handle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	46-8092	3	Screw-Plastite
2	63-2650	1	Screw-Shoulder
3	105-9999	1	Knob-Shift, LH
4	106-4423	1	Knob-Shift, RH
6	107-3844	4	Washer
7	92-2260	8	Screw-Handle
8	108-7313	1	Spring-Compression
9	110-3446	1	Trunnion-Rod
11	120-3881	1	Rod-Chute, Front
12	120-7173-03	1	Handle-Upper, LH
13	120-7174-03	1	Handle-Upper, RH
14	120-7194	1	Panel-Control, Master
15	120-9251-03	1	Support-Panel, Control
16	120-9258-03	1	Mount-Selector, Speed
17	121-6829	1	Rod-Selector, Gear
18	121-1242-03	1	Selector-Speed
19	3229-30	2	Screw-CARR
20	3256-24	3	Washer-Flat
21	3290-307	2	Pin-Cotter
22	94-4496	1	Screw-PPH
23	3296-72	8	Nut-Lock, NI
24	3296-73	2	Nut-Lock, NI
25	32128-13	1	Nut-HF
26	46-8093	4	Screw-Plastite
27	105-9987	2	Support-Rod
28	121-6821	1	Decal-Model
30	120-2301	1	Plate-Support, Shift

Control Assembly



Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	98-3499	1	Washer-Flat
2	121-6812	1	Cable-Auger
3	121-6813	1	Cable-Traction
4	121-1200	1	Handle-Control, Traction
5	121-1201	1	Handle-Control, Auger
6	121-1202	1	Rod-Lockout
7	121-1203	1	Cam-Lockout
8	121-1204	1	Link-Lockout
9	121-1205	1	Latch-Lockout
10	121-1206	1	Spring-Lockout
11	121-1216	1	Screw-Shoulder
12	3296-72	1	Nut-Lock, NI
13	32121-125	3	Pin-Spring
14	121-1238	1	Spring-Return, Traction Lever
15	32121-2	1	Pin-Roll, Slotted

Attachments and Accessories

For 37779 Power Max 724 OE Snowthrower

Product Name	Model/Part
Weight Kit	107-3815
Snow Cab Kit	127-5960
Engine Maintenance Kit	138-0702
Non-Marking Skid Kit	38211
Heavy-Duty Skid Kit	38212
Drift Breaker Kit	38213
Tire Chain Kit, Snowthrowers with 13in Tires	38214
Toro Snow Oil 0W30 Synthetic 20-Ounce Bottle	38913
Toro 2-Stage Cover	490-7466
Plain 2-Stage Cover	490-7467

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Count on it.