Form No. 3378-842 Rev B

TORO®

Count on it.

Parts Catalog

Power Max® 724 OE Snowthrower

Model No. 37770—Serial No. 314000001 and Up

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

3378-842 B

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.

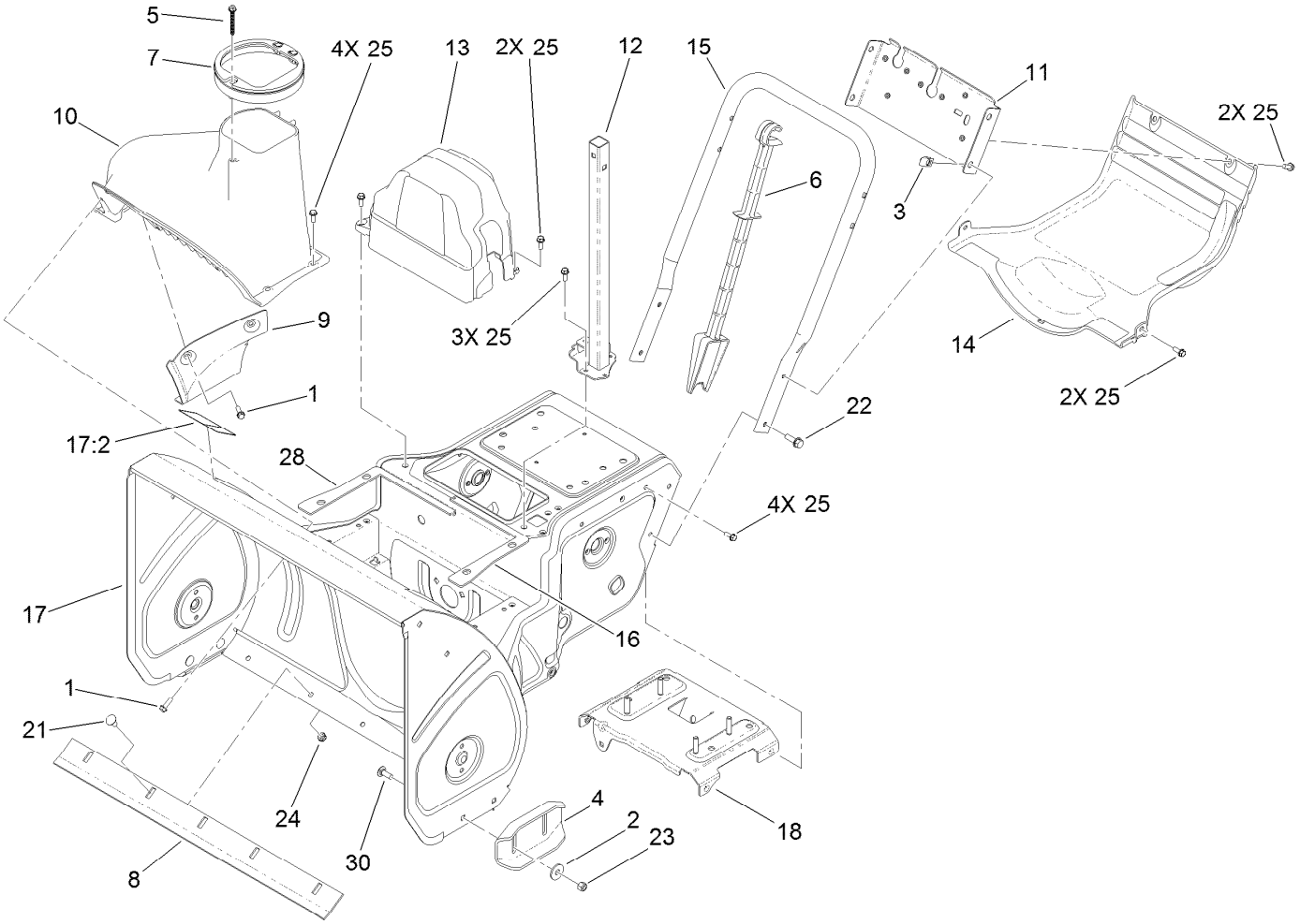
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Frame, Housing and Bypass Assembly 4
Pulleys and Bellcrank Assembly 5
Impeller Drive Assembly 6
Drive Assembly 7
Gearbox, Auger and Impeller Assembly 8
24 Inch Auger Gearcase Assembly No. 120-3859 9
Impeller Assembly 10
Engine Assembly 11
Chute Assembly 12
Handle Assembly 13
Control Assembly 14
Quick Lever Assembly 15
Attachments and Accessories 16

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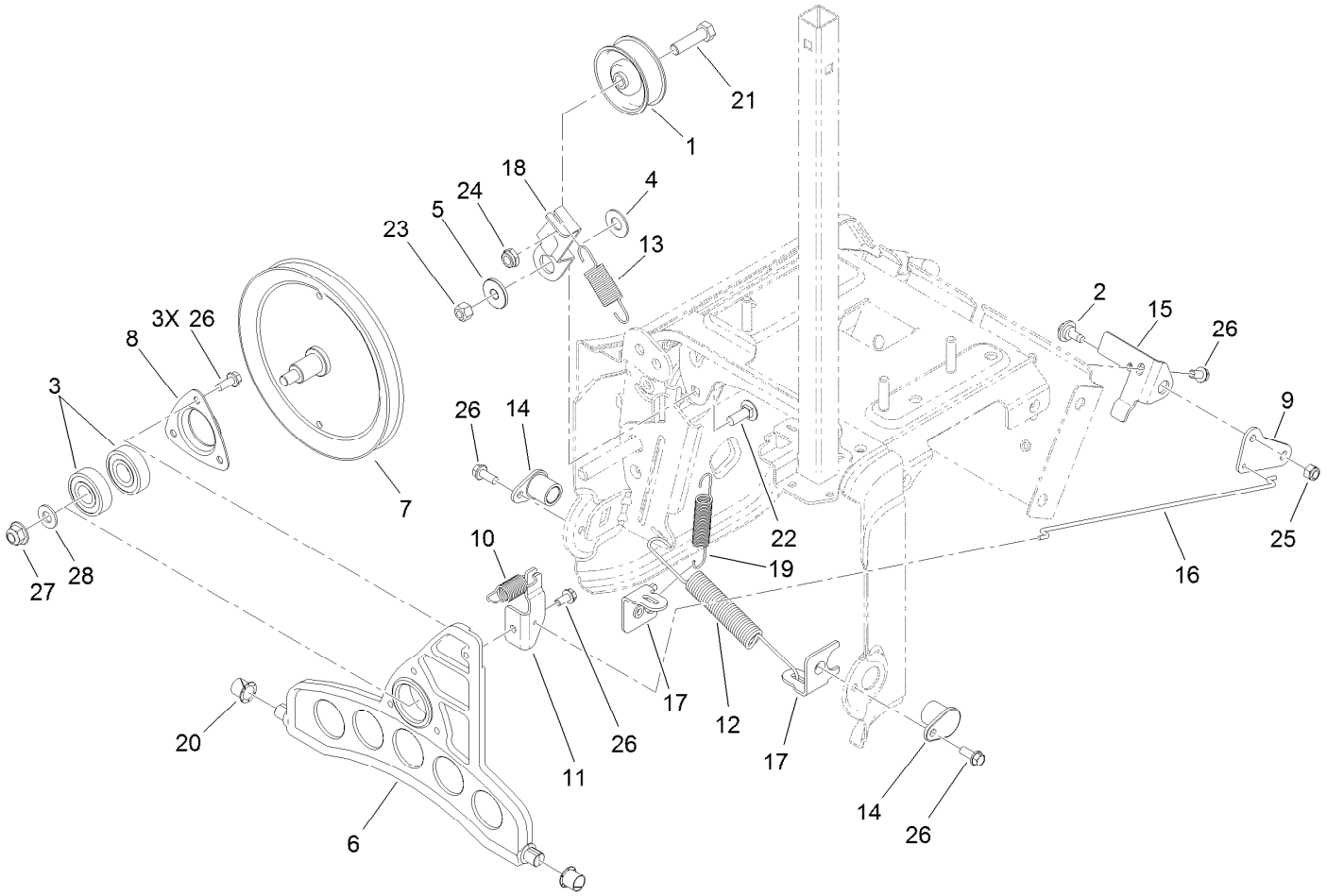
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Frame, Housing and Bypass Assembly

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

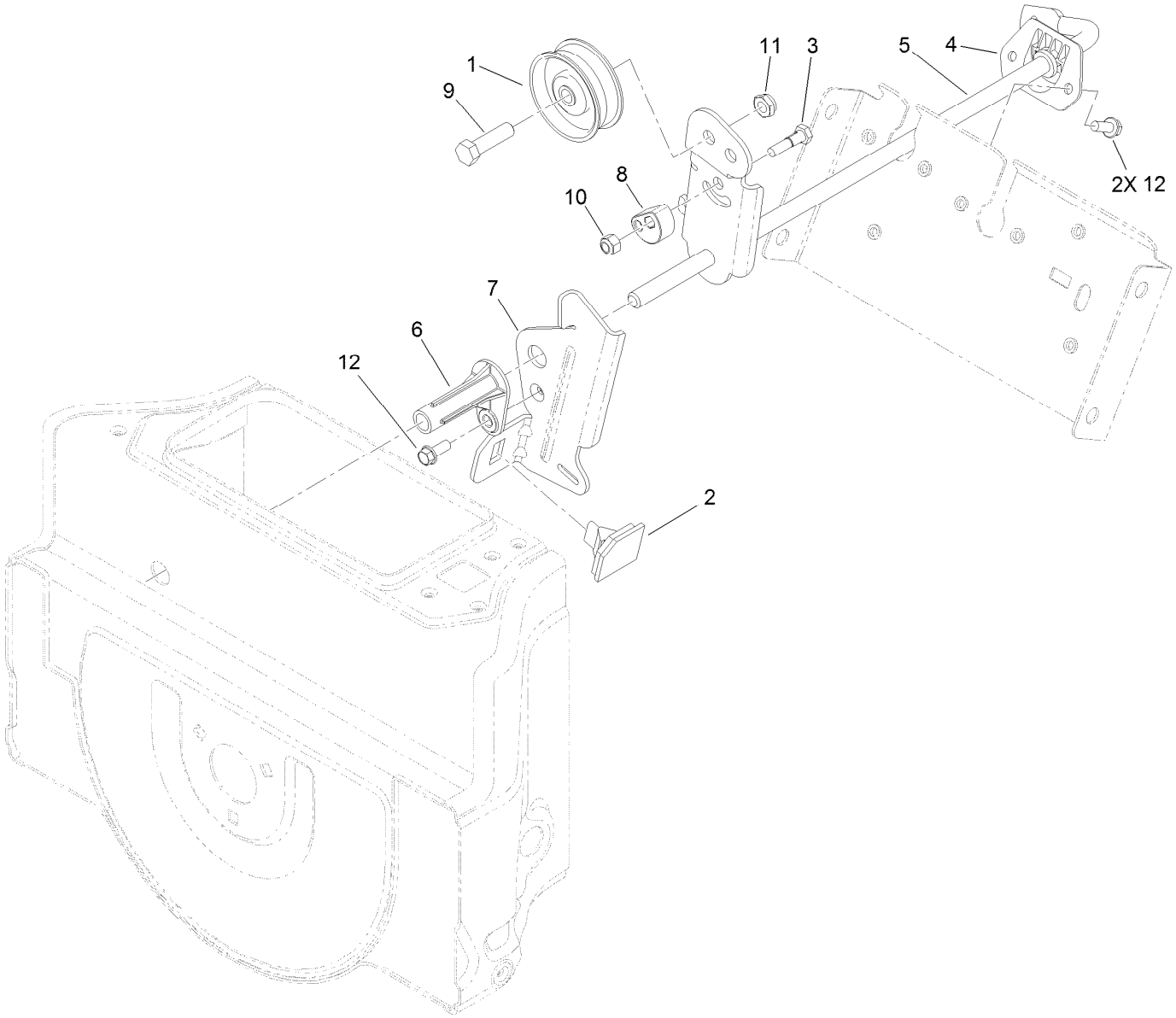
Ref.	Part Number	Qty.	Description
14	120-7178	1	Cover-Lower
15	120-7179-03	1	Handle-Lower
16	120-7181	1	Seal-Housing, LH
17	121-6810	1	Frame ASM
17:2	121-6817	1	Decal-Danger, Auger
18	121-1218	1	Plate-Stud Engine
21	3230-18	5	Screw-CARR
22	3234-29	4	Screw-HHF
23	3296-29	4	Nut-Lock, NI
24	3296-47	5	Nut-Lock, NI
25	32144-85	17	Screw-HWH
28	121-6841	1	Seal-Housing, RH
30	3230-23	4	Screw-CARR



Pulleys and Bellcrank Assembly

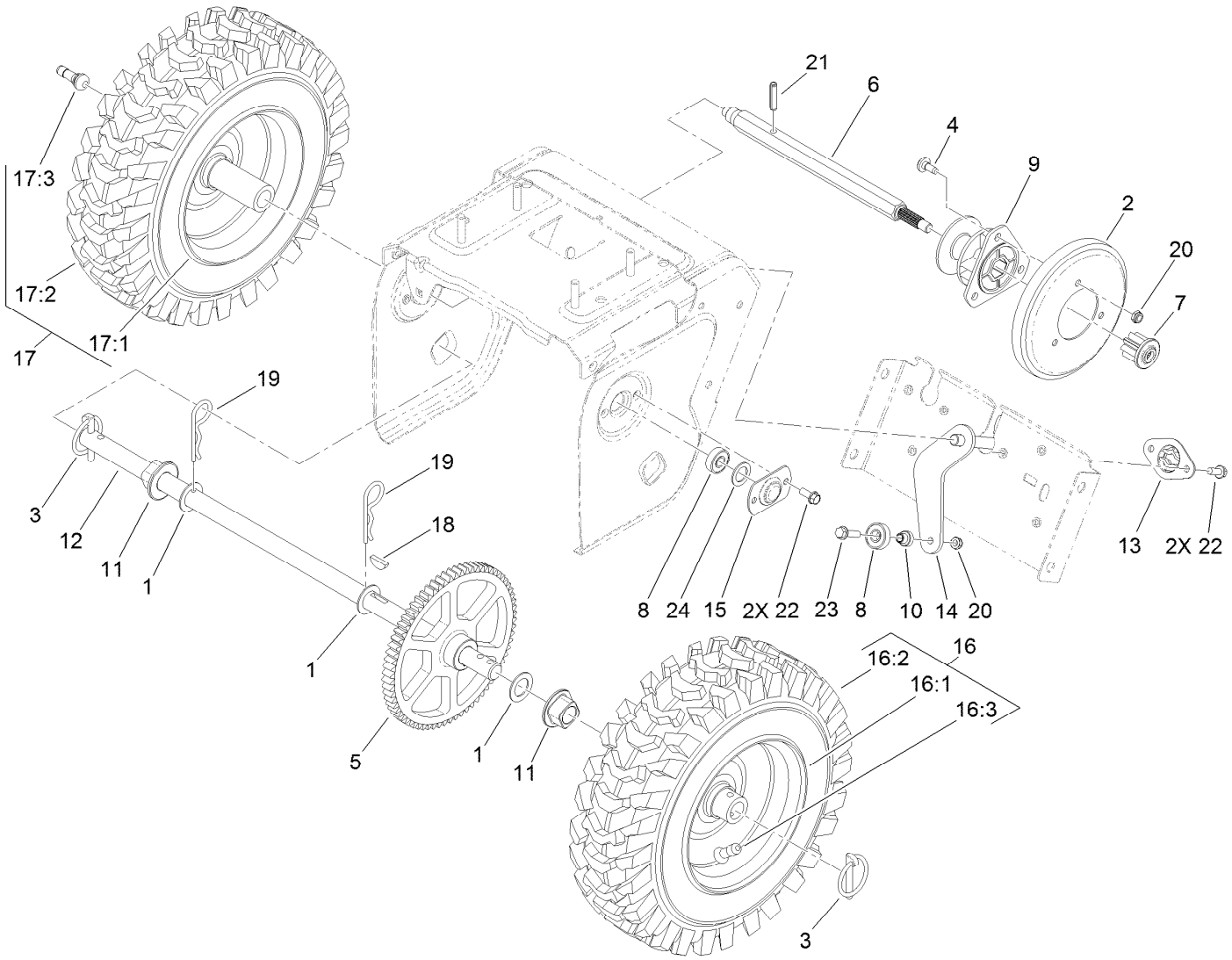
Ref.	Part Number	Qty.	Description
1	3-4244	1	Pulley-Idler
2	92-9698	1	Screw-Shoulder
3	100-1048	2	Bearing-Ball
4	25-5640	1	Washer
5	117-7711	1	Bushing-Idler
6	119-7645	1	Plate-Wheel, Friction
7	119-7648	1	Pulley-Traction
8	119-7649	1	Retainer-Bearing
9	119-7670-03	1	Bellcrank-Drive
10	119-7676	1	Spring-Extension
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

Ref.	Part Number	Qty.	Description
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

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

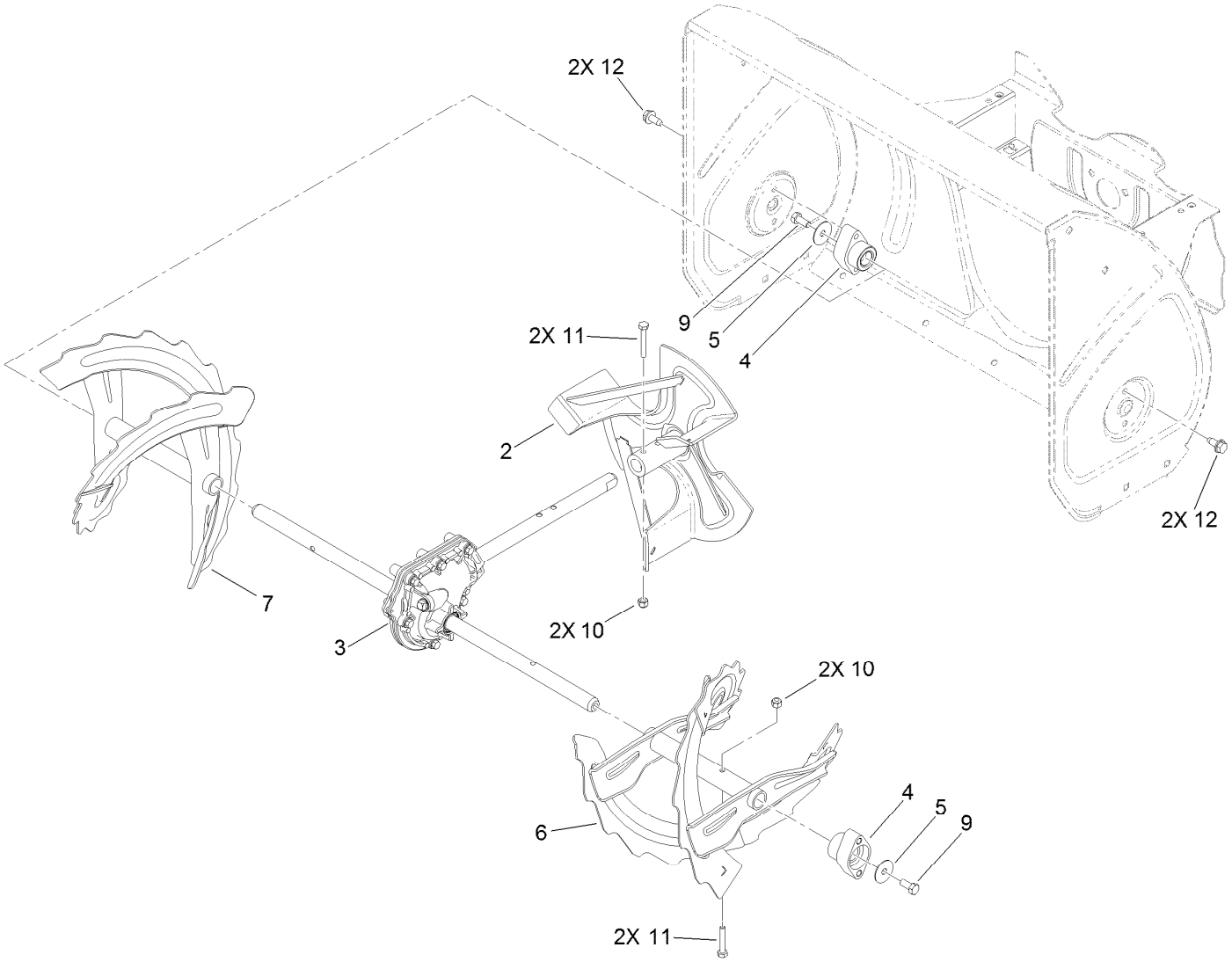


Drive Assembly

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

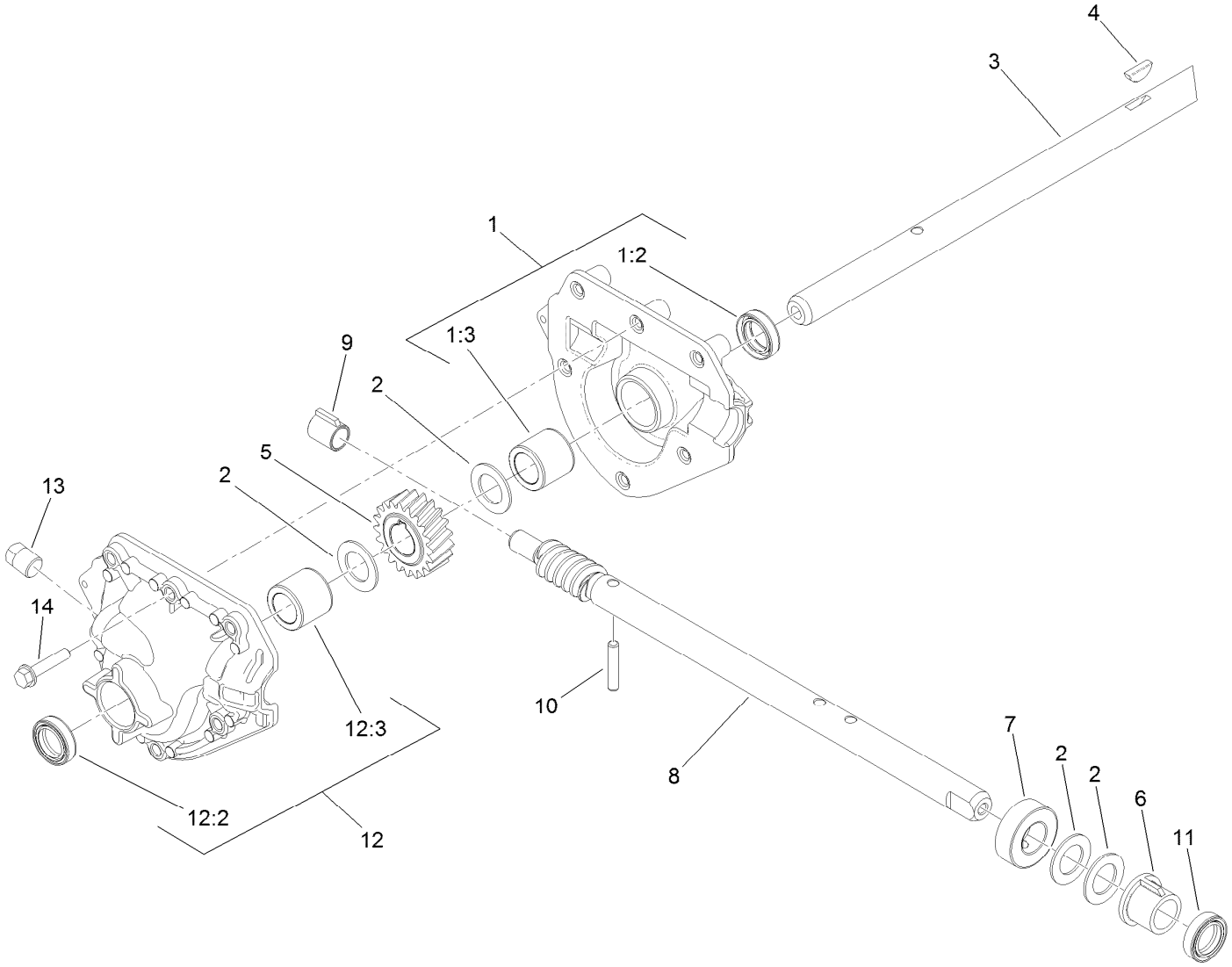
Ref.	Part Number	Qty.	Description
16		1	LH Wheel And Tire ASM ●
16:1	121-1212	1	Wheel
16:2	121-6820	1	Tire
16:3	232-27	1	Stem-Valve
17		1	RH Wheel And Tire ASM ●
17:1	121-1212	1	Wheel
17:2	121-6820	1	Tire
17:3	232-27	1	Stem-Valve
18	3257-7	1	Key-Woodruff
19	3290-343	2	Pin-Hair
20	3296-56	4	Nut-Lock, 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

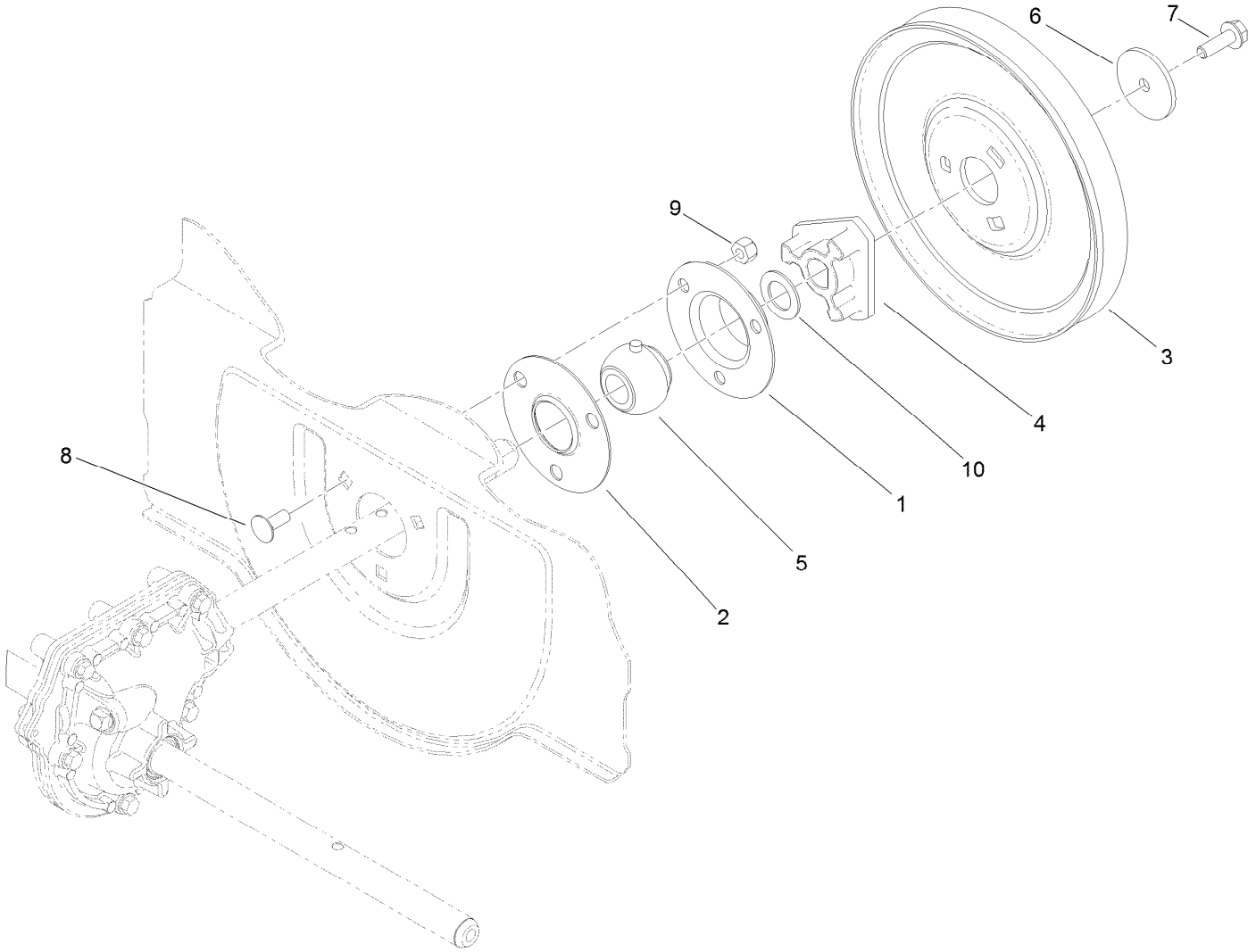
Ref.	*Part Number*	*Qty.*	*Description*
2	119-7612-03	1	Impeller ASM
3	120-3859	1	Gearcase ASM
4	120-3860	2	Bearing-Auger
5	120-3862	2	Washer-Thrust
6	120-9287-03	1	LH Auger ASM
7	120-9290-03	1	RH Auger ASM
9	322-3	2	Screw-HH
10	3296-42	4	Nut-Lock, NI
11	321-10	4	Screw-HH
12	32144-70	4	Screw-Thd Roll,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



24 Inch Auger Gearcase Assembly No. 120-3859

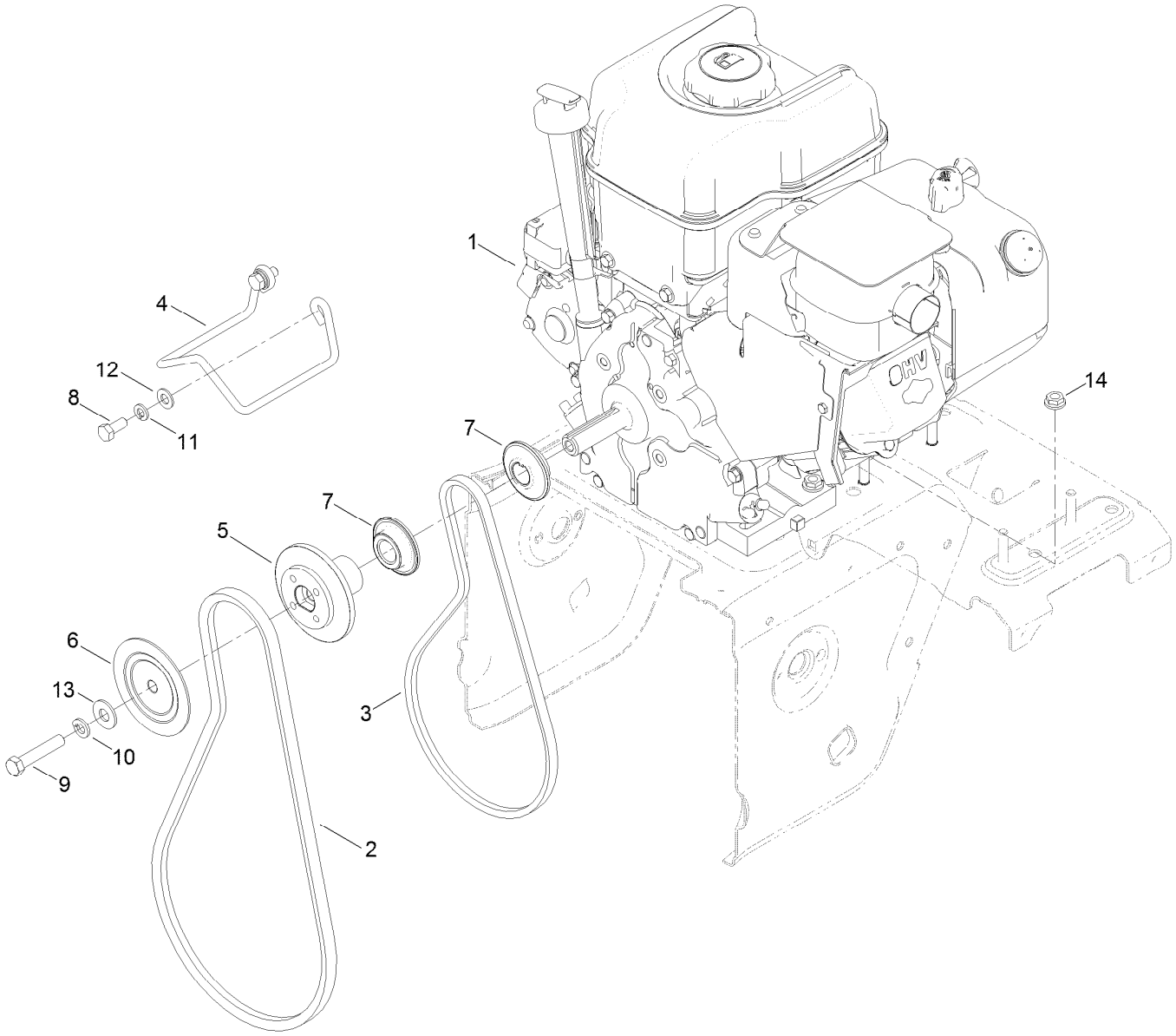
Ref.	*Part Number*	*Qty.*	*Description*
1	121-1209	1	RH Auger Gearcase ASM
1:2	121-6634	1	Seal-Shaft
1:3	120-9269	1	Bushing-Sleeve
2	119-7640	4	Washer-Thrust
3	120-3858	1	Shaft-Output, Auger
4	3257-5	1	Key-Woodruff
5	119-1576	1	Gear-Helical, 20 Tooth
6	119-7635	1	Bushing-Input
7	119-7636	1	Collar-Thrust

Ref.	*Part Number*	*Qty.*	*Description*
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

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

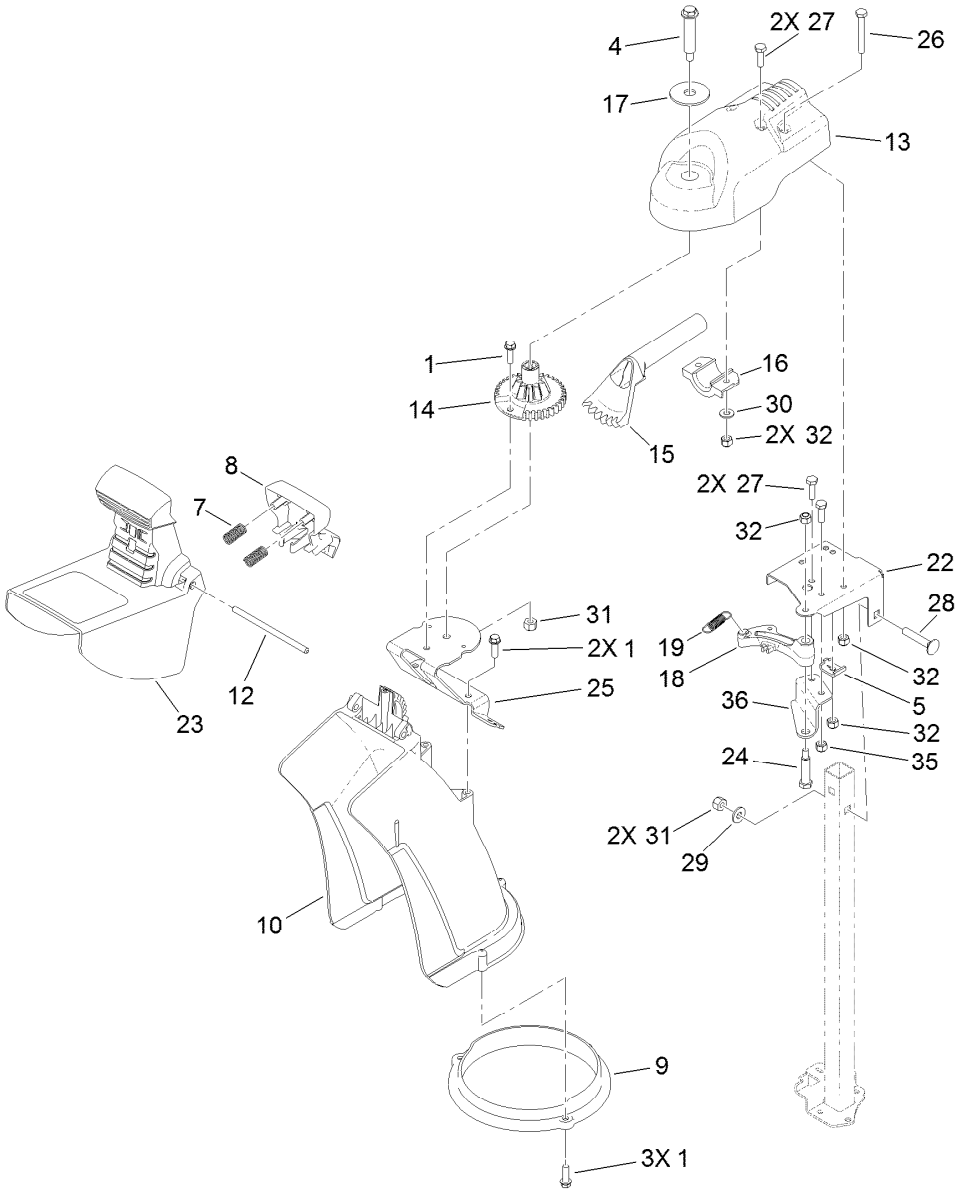


Engine Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Engine-Briggs, 12D1050172F8 ●■
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	3210-3	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

● Not serviced separately

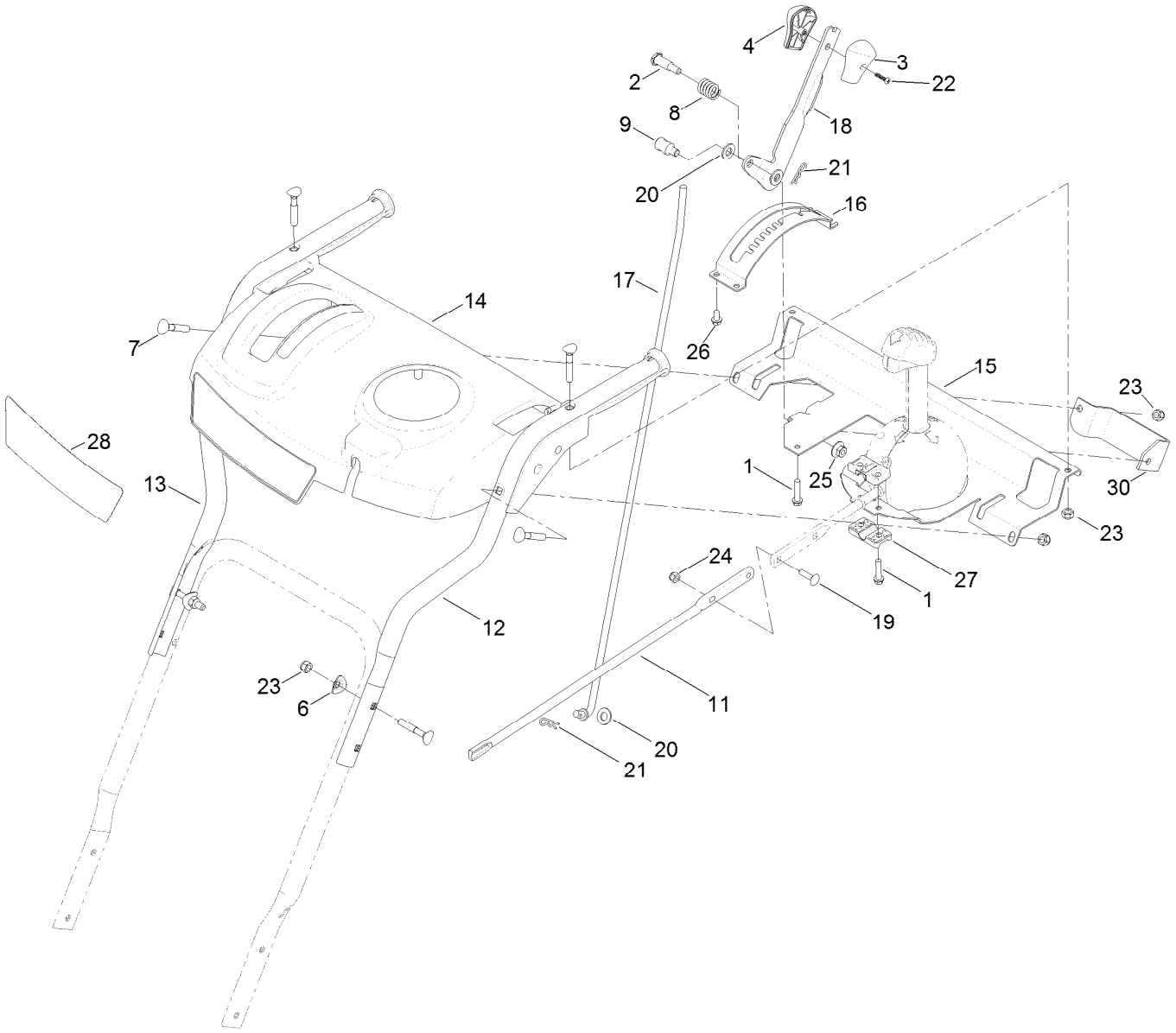
■ Obtain parts from www.briggsandstratton.com



Chute Assembly

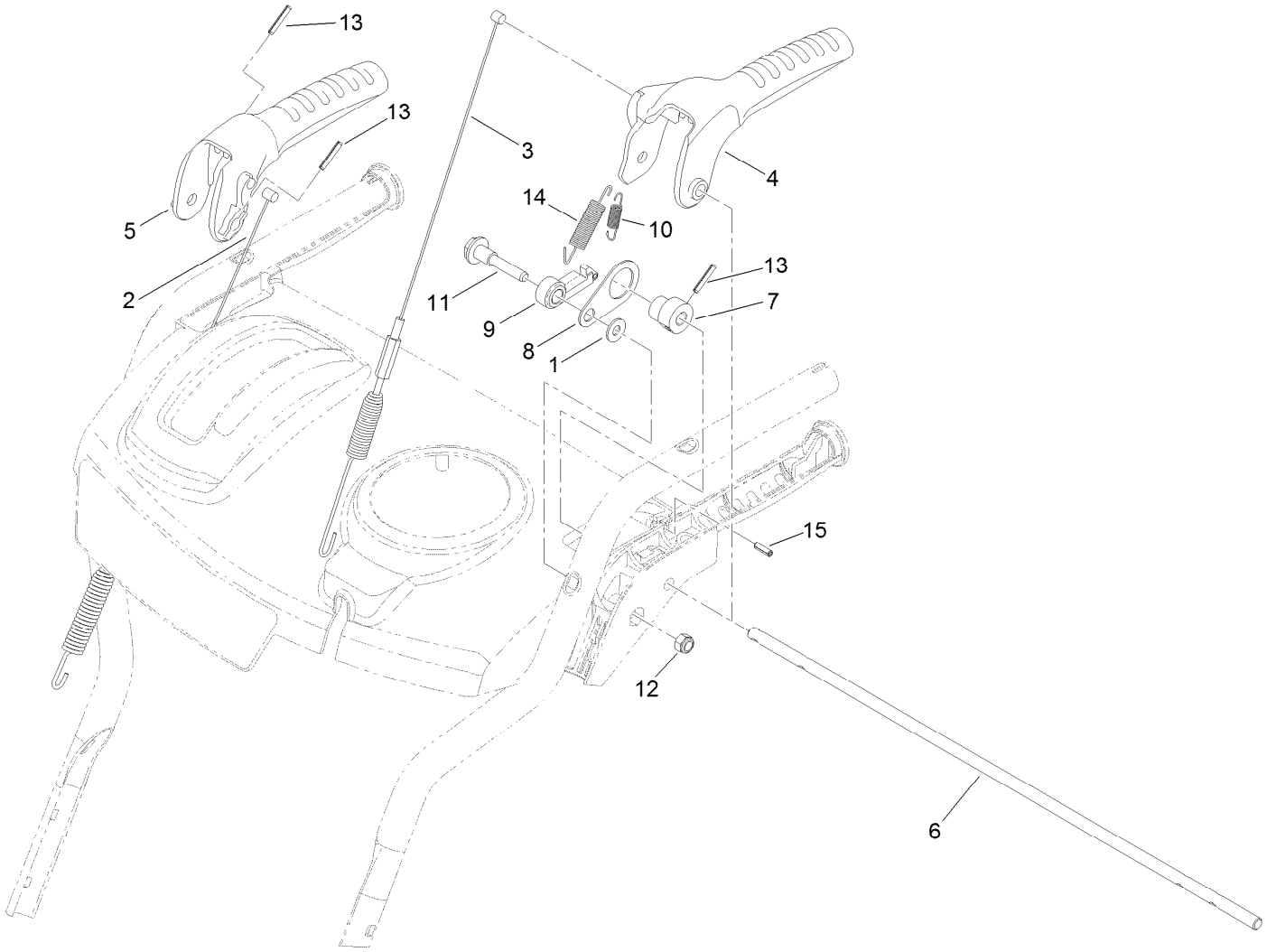
Ref.	Part Number	Qty.	Description
1	46-8091	6	Screw-HWH
4	100-9880	1	Bolt-Shoulder
5	106-7297	1	Clamp-Cable
7	110-9360	2	Spring-Compression
8	117-2314	1	Trigger-Deflector
9	119-7627	1	Ring-Chute
10	119-7628	1	Chute-Discharge
12	99-5291	1	Rod-Cover
13	120-3852	1	Mount-Chute, Discharge
14	120-3853	1	Gear-Chute
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

Ref.	Part Number	Qty.	Description
19	120-7150	1	Spring-Latch, Chute
22	121-1207-03	1	Bracket-Support, Chute
23	119-7629	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
35	3296-42	2	Nut-Lock, NI
36	121-6843	1	Bracket-Support, Latch



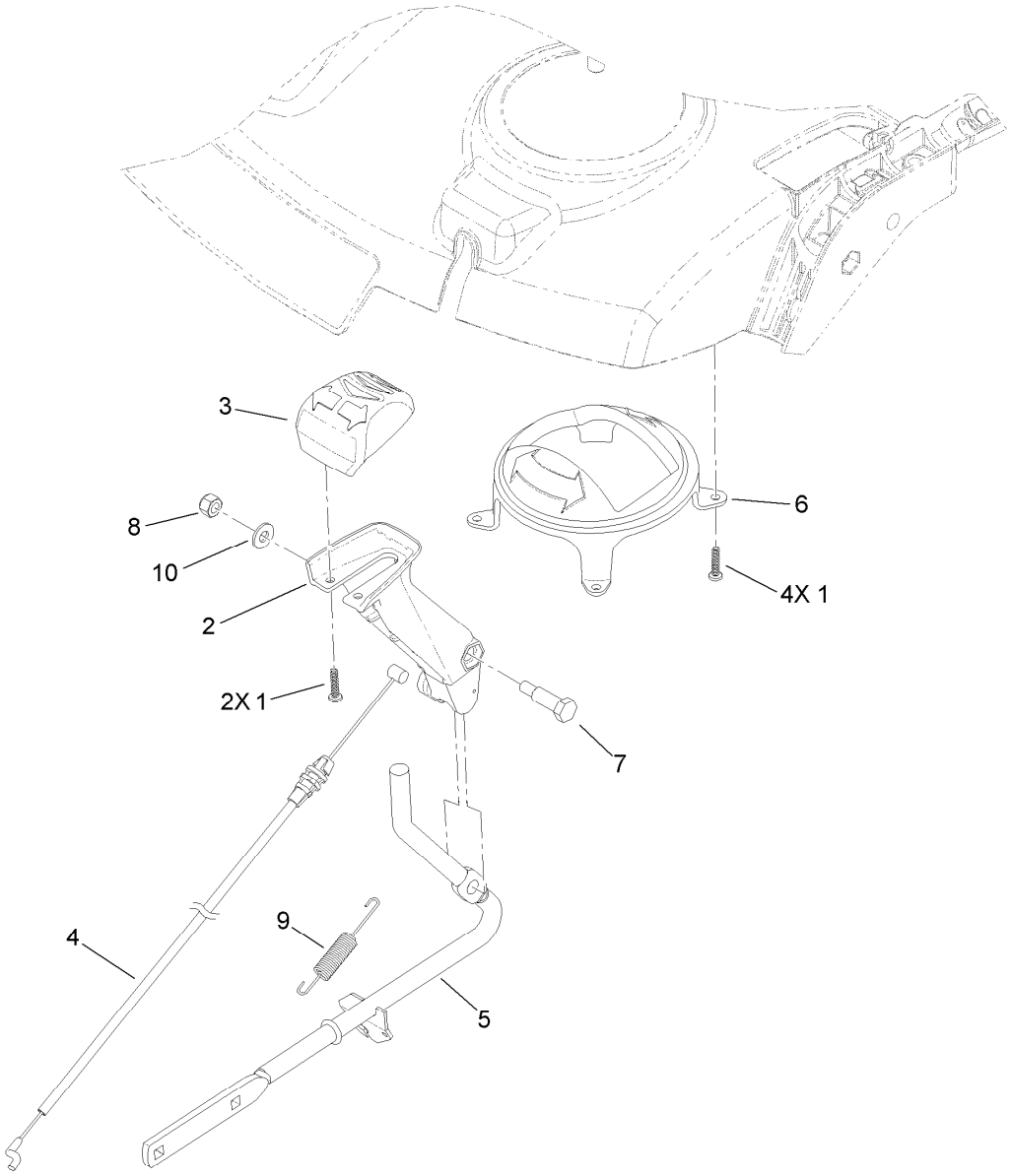
Handle Assembly

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

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



Quick Lever Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	94-4496	6	Screw-PPH
2	120-3868	1	Lever-Control, Chute
3	120-3887	1	Cap-Lever, Chute Control
4	120-7163	1	Cable-Release, Chute
5	121-1244	1	Chute Rod ASM
6	121-1246	1	Insert-Lever, Quick
7	121-1247	1	Screw-Shoulder
8	3296-42	1	Nut-Lock, NI
9	121-6824	1	Spring-Return, Lever
10	3256-22	1	Washer-Flat

Attachments and Accessories

For 37770 Power Max 724 OE Snowthrower

Product Name	Model/Part
Engine Maintenance Kit	138-0708
Non-Marking Skid Kit	38211
Heavy-Duty Skid Kit	38212
Drift Breaker Kit	38213
Tire Chain Kit, Snowthrowers with 13in Tires	38214
Toro 2-Stage Cover	490-7466
Plain 2-Stage Cover	490-7467

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