Form Number 3353-976 Rev B

Snow Commander®
Snowthrower

Model No. 38602 - 260000001 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.

© The Toro Company - 2006
All Rights Reserved

Register your product at www.Toro.com

Contents

Description	Page
Upper Housing and Side Plate Assembly	3
Lower Housing Assembly	4
Belt Drive Assembly	5
Chute Assembly	6
Impeller Assembly	7
Engine, Fuel Tank and Support Assembly	8
Upper Shroud Assembly	9
Upper Handle Assembly	10
Lower Handle Assembly	11
Crankcase, Crankshaft, Cylinder Head, and Connecting Rod Assemblies Briggs and Stratton 084333-0199-E1	12
Intake Manifold, Carburetor, and Muffler Assemblies Briggs and Stratton 084333-0199-E1	13
Flywheel, Blower Housing, and Starter Assemblies Briggs and Stratton 084333-0199-E1	14

Part Description Abbreviations

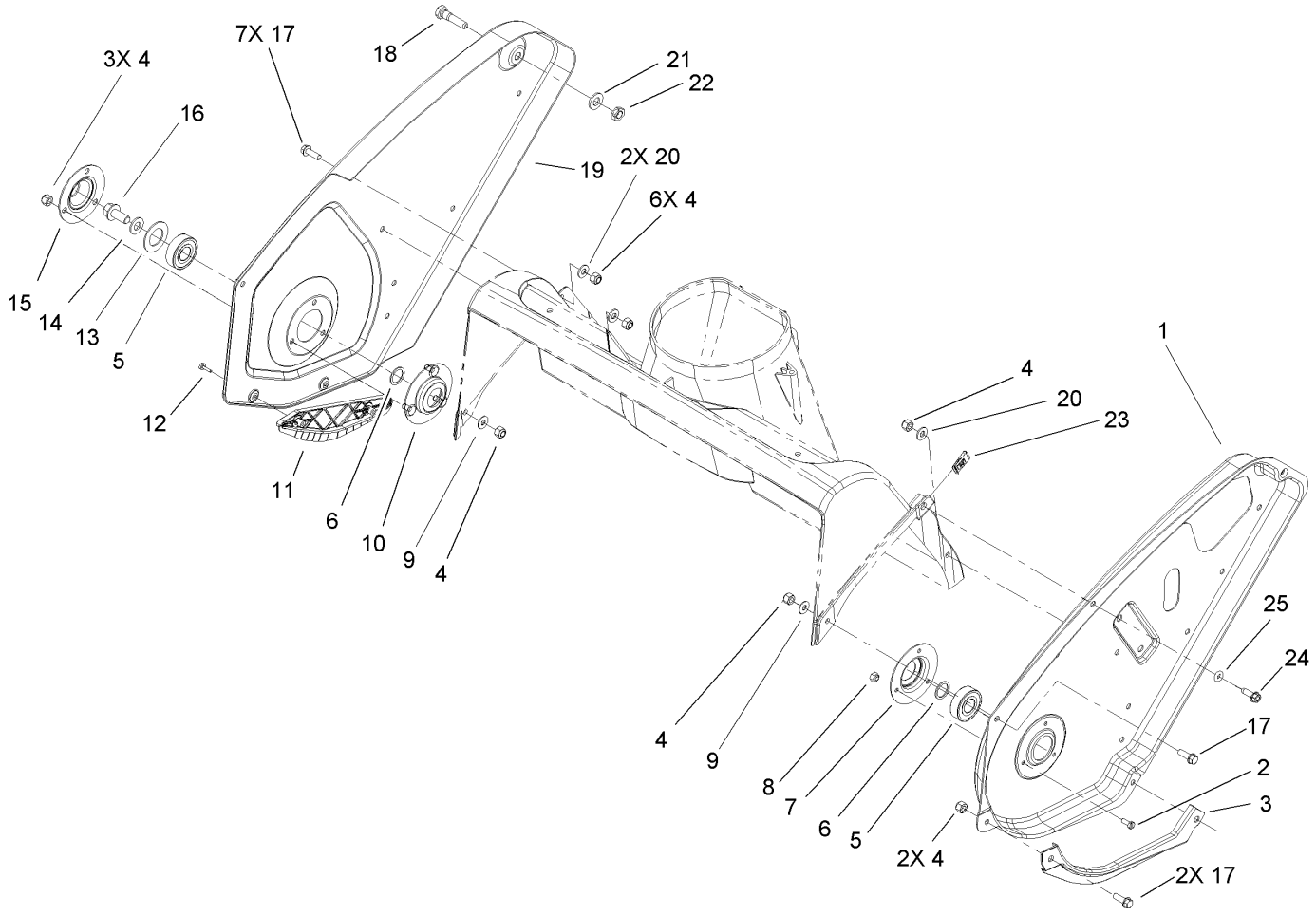
Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PFH. . . . . phillips flat head
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power-take-off
RH. . . . . right hand
ROPS. . . . . roll-over-protection-system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head

Footnotes

❶ Not serviced separately

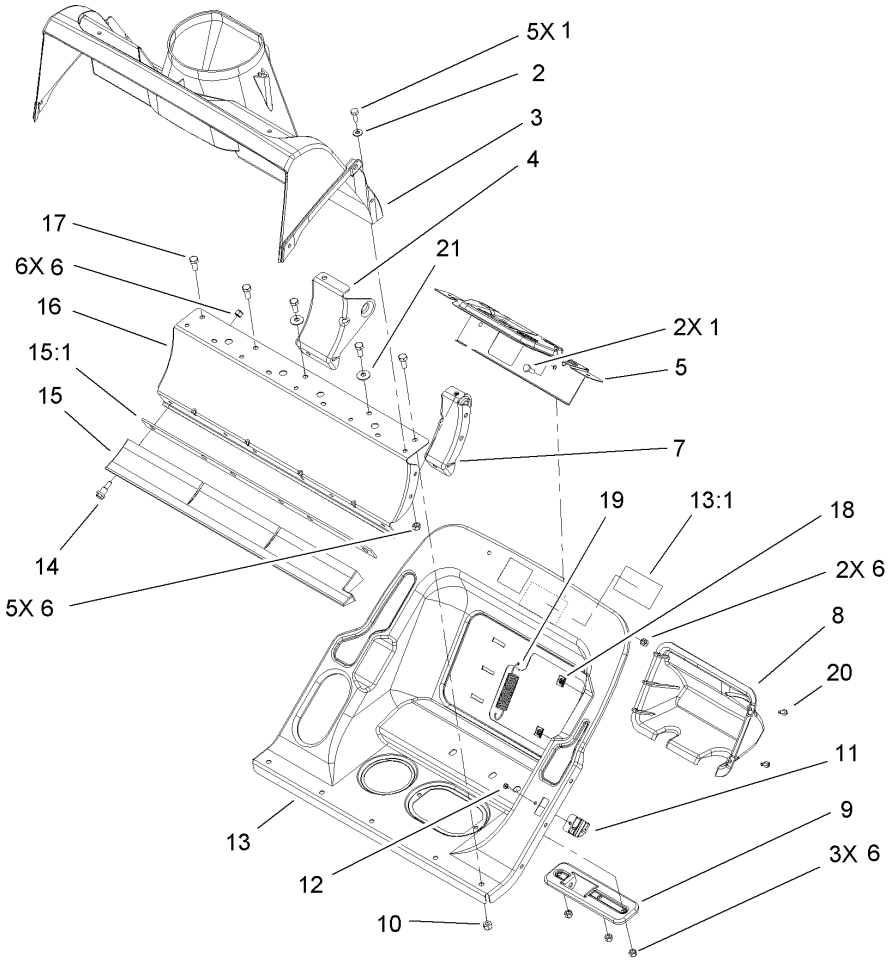
❷ Obtain from your local Briggs & Stratton dealer



Upper Housing and Side Plate Assembly

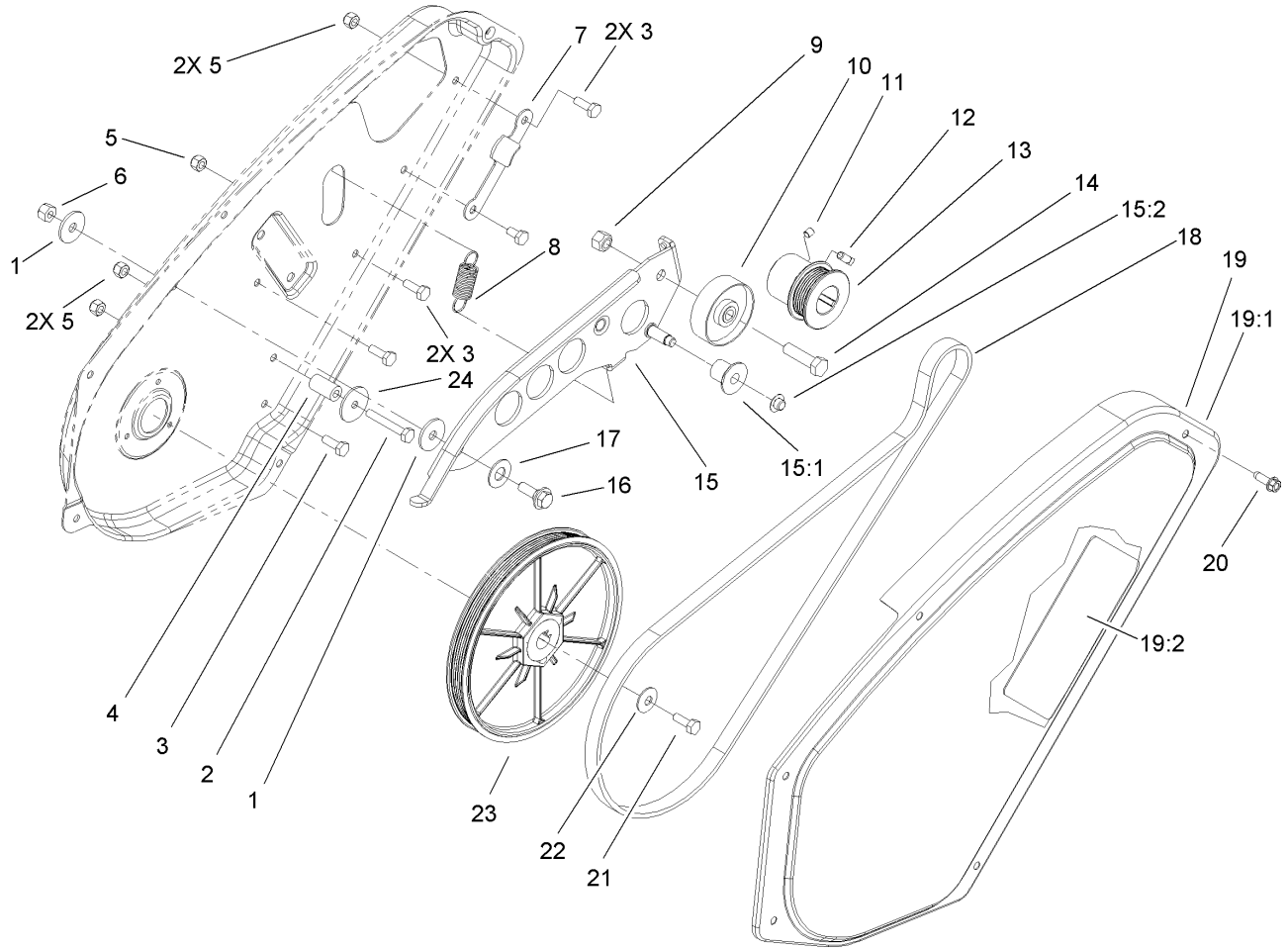
Ref	Part No.	Qty.	Description
1	100-9865-03	1	Sideplate-LH
2	32105-8	3	Screw-SHH
3	104-0871	1	Guard-Rotor, LH
4	3296-42	14	Nut-Lock, NI
5	100-1048	2	Bearing-Ball
6	52-7280	2	Washer-Thrust
7	38-8620	1	Flange-Bearing
8	3296-2	3	Nut-Lock
9	3256-1	2	Washer-Flat
10	52-9110	1	Flange-Bearing
11	104-0872	1	Guard-Rotor, RH
12	95-4234	2	Screw-PPH
13	52-7270	1	Washer-Rubber
14	3256-24	1	Washer-Flat
15	52-7290-03	1	Retainer-Bearing
16	3234-25	1	Screw-HHF
17	32105-15	10	Screw
18	38-8211	1	Pin-Rotor
19	100-9870-03	1	Sideplate-RH
20	3256-22	3	Washer-Flat
21	3256-24	1	Washer-Flat
22	32152-8	1	Nut-Lock, Cone
23	702552	1	Nut-Speed
24	49-2040	1	Screw-HWHTF

Ref	Part No.	Qty.	Description
25	104-8657	1	O-Ring



Lower Housing Assembly

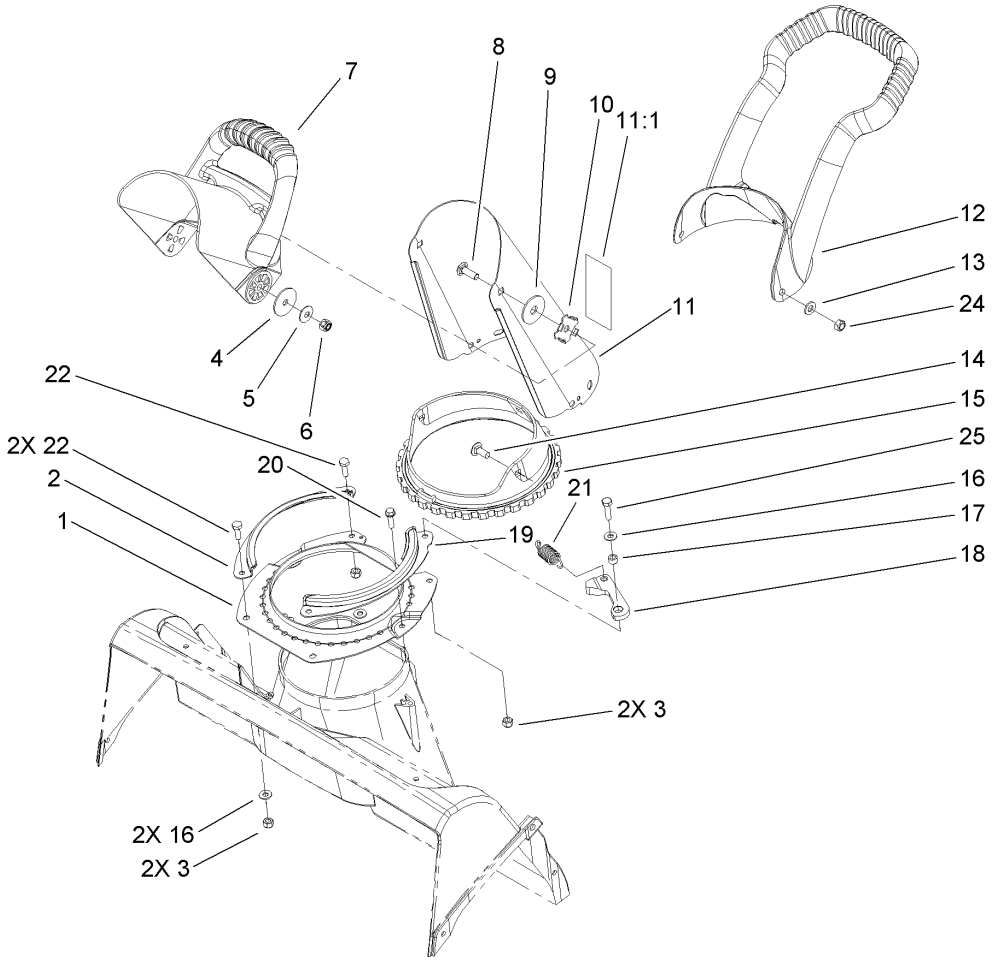
Ref	Part No.	Qty.	Description
1	321-4	7	Screw-HH
2	3256-22	5	Washer-Flat
3	100-9894	1	Housing-Rotor, Upper
4	104-0865	1	Bracket-Pivot, RH
5	104-0887-03	1	Control Panel Support ASM
6	3296-42	16	Nut-Lock, NI
7	104-0864	1	Bracket-Pivot, LH
8	104-0874	1	Cover-Carb
9	100-9897	1	Bracket-Pivot, Center
10	3296-29	5	Nut-Lock, NI
11	104-0880	1	Guide-Cable, Clutch
12	95-4234	1	Screw-PPH
13	105-3516	1	Lower Housing ASM
13:1	61-4790	1	Decal
14	104-0858	6	Bolt-Shoulder
15	104-4138	1	Scraper ASM
15:1	104-0879	1	Foam-Scraper
16	100-9893-03	1	Housing-Rotor, Lower
17	322-3	5	Screw-HH
18	100-9889	2	Nut-Speed
19	104-4130	1	Spring-Extension, Pivot
20	32144-112	2	Screw-HWH
21	3290-456	2	Washer-Belleville



Belt Drive Assembly

Ref	Part No.	Qty.	Description
1	5-4460	2	Washer-Pivot
2	321-10	1	Screw-HH
3	321-4	5	Screw-HH
4	55-9530	1	Sleeve-Guide, Belt
5	3296-42	5	Nut-Lock, NI
6	3296-29	1	Nut-Lock, NI
7	104-0868	1	Belt-Guide
8	104-0869	1	Spring-Brake
9	32152-2	1	Nut-Lock, Cone
10	55-9290	1	Pulley-Idler
11	3245-32	1	Screw-HSH
12	3241-7	1	Screw-SQH
13	104-4108	1	Pulley
14	323-29	1	Screw-HH
15	104-4113	1	Brake-Arm
15:1	104-4114	1	Roller-Brake
15:2	32112-11	1	Nut-Push
16	27-0410	1	Screw-Shoulder
17	25-5640	1	Washer
18	104-0851	1	Belt-Drive
19	104-4140	1	Drive Cover ASM
19:1	104-2767	1	Decal-Warning
19:2	104-4125	1	Decal-Belt Routing
20	49-2040	1	Screw-HWHTF

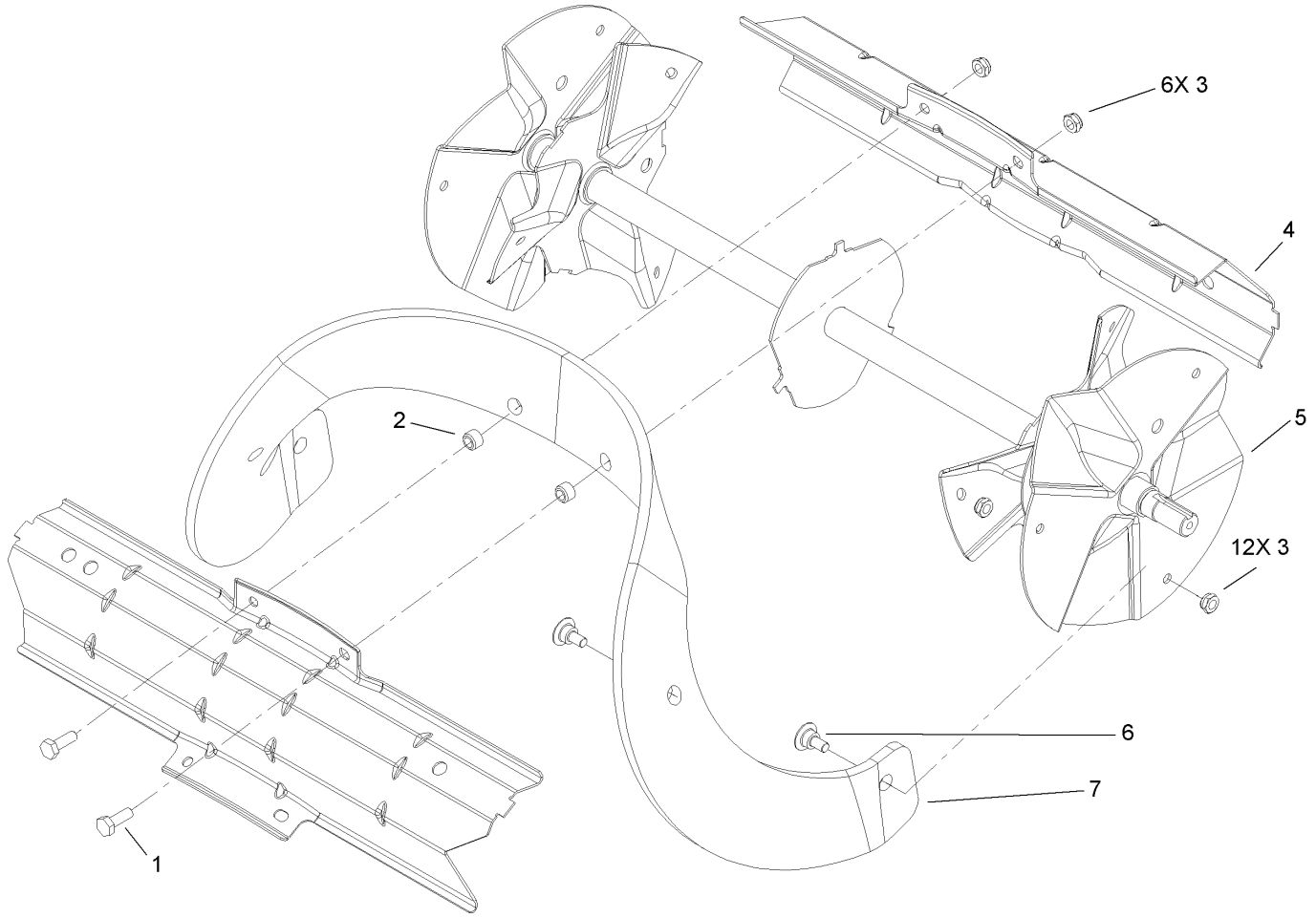
Ref	Part No.	Qty.	Description
21	321-30	1	Screw-HH
22	3290-456	1	Washer-Belleville
23	100-9871	1	Pulley-Rotor
24	3256-55	1	Washer-Flat



Chute Assembly

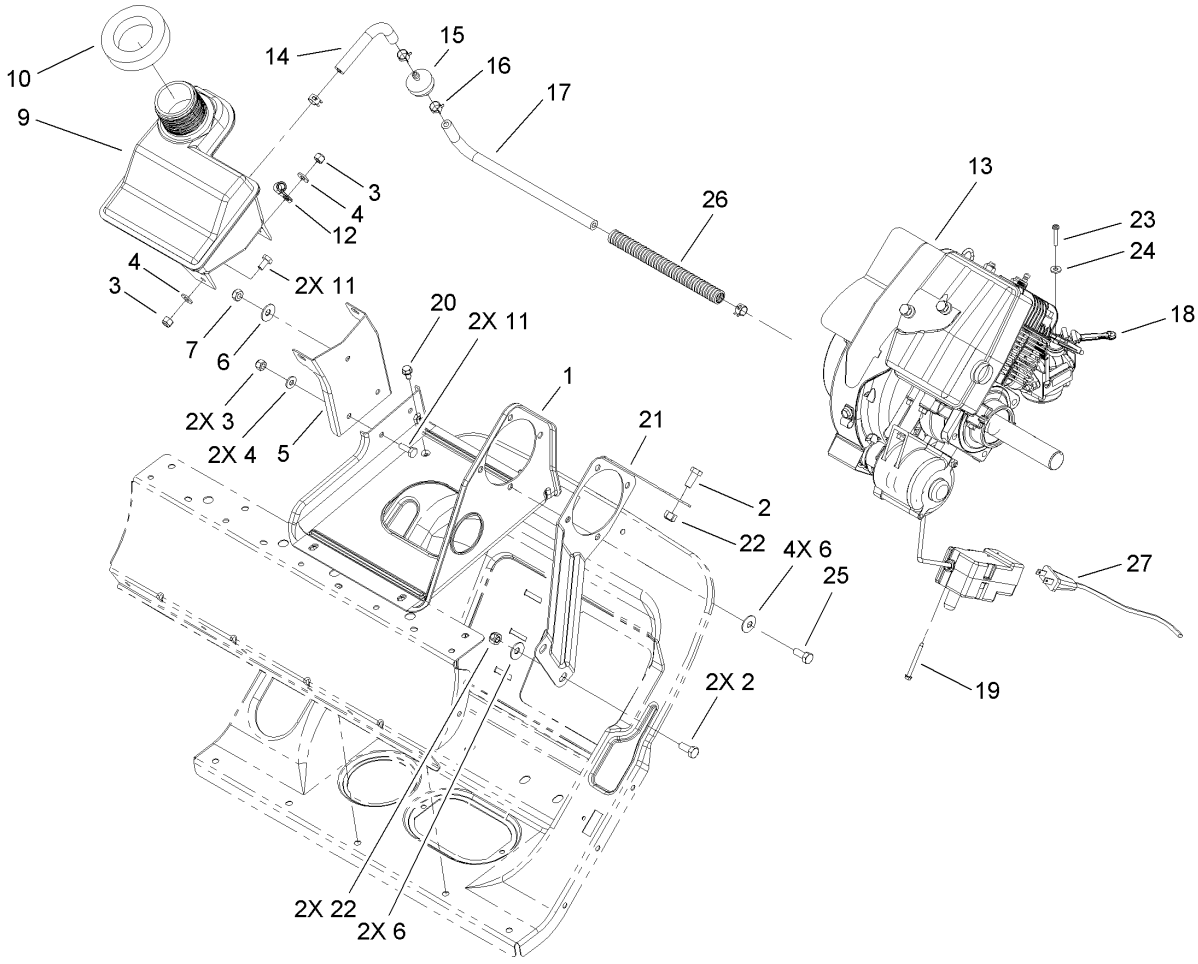
Ref	Part No.	Qty.	Description
1	55-8921-03	1	Ring-Support, Chute
2	71-4990-03	1	Retainer-Chute, RH
3	3296-42	4	Nut-Lock, NI
4	3256-68	2	Washer-Flat
5	3290-456	2	Washer-Belleville
6	3296-29	2	Nut-Lock, NI
7	104-0882	1	Chute-Deflector
8	3230-22	2	Screw-CARR
9	20-4320	2	Washer-Rubber
10	55-8950	2	Plate-Friction
11	104-4115	1	Chute ASM
11:1	104-4135	1	Decal-Danger
12	104-0884	1	Handle-Control, Chute
13	3256-70	3	Washer-Flat
14	100-5487	3	Screw-PTH
15	104-2763	1	Ring-Chute
16	3256-22	3	Washer-Flat
17	55-9370	1	Spacer-Blade, Rotor
18	80-4610	1	Detent
19	71-4980-03	1	Retainer-Chute, LH
20	46-8091	2	Screw-HWH
21	80-4600	1	Spring-Extension
22	321-4	3	Screw-HH
24	3296-47	3	Nut-Lock, NI

Ref	Part No.	Qty.	Description
25	321-6	1	Screw-HH



Impeller Assembly

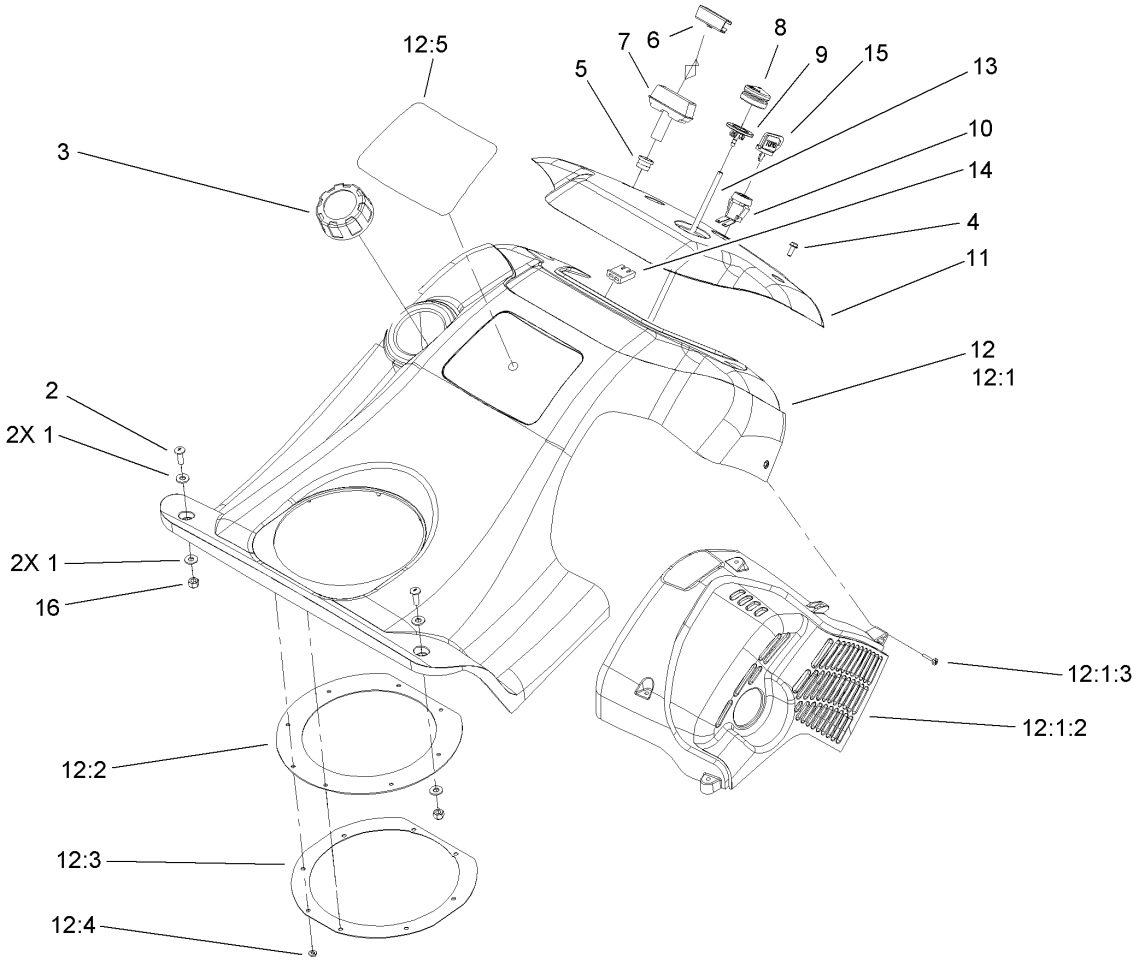
Ref	Part No.	Qty.	Description
1	321-4	6	Screw-HH
2	55-9370	6	Spacer-Blade, Rotor
3	3296-56	18	Nut-Lock, NI
4	100-9856-03	3	Drum-Rotor
5	100-9877-03	1	Rotor ASM
6	84-1971	12	Screw
7	100-9872	3	Blade-Rotor



Engine, Fuel Tank and Support Assembly

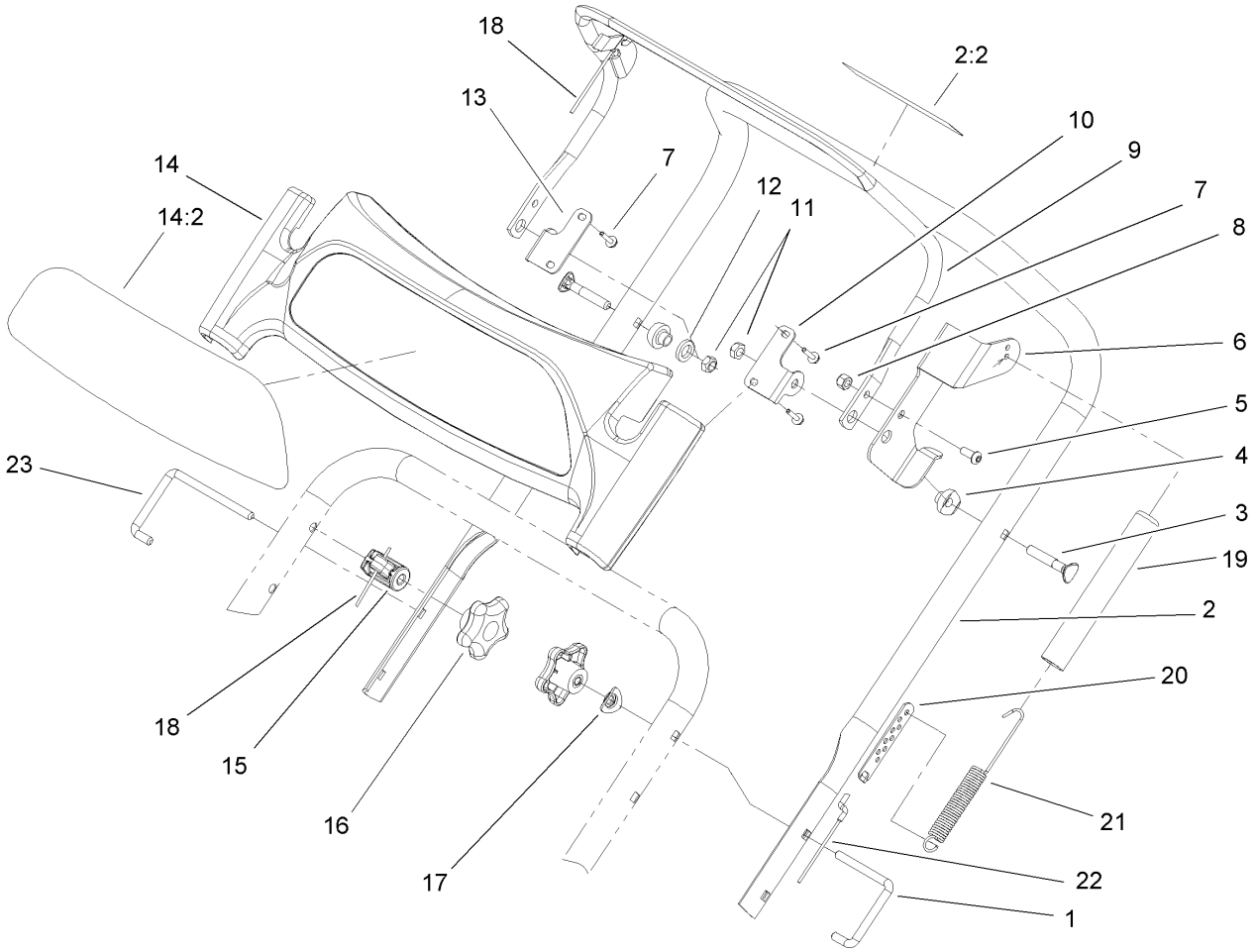
Ref	Part No.	Qty.	Description
1	105-3515-03	1	Support-Engine
2	322-3	3	Screw-HH
3	3296-42	4	Nut-Lock, NI
4	3256-22	4	Washer-Flat
5	100-9899-03	1	Support-Recoil
6	3290-456	7	Washer-Belleville
7	3296-42	1	Nut-Lock, NI
9	105-8953	1	Tank-Gas
10	55-9310	1	Seal-Foam
11	321-4	4	Screw-HH
12	2412-91	1	Clamp
❶❷13		1	Engine-Briggs And Stratton, 084333-0199-E1
14	94-9932	1	Hose-Fuel
15	56-6360	1	Filter-Fuel
16	2412-98	4	Clamp
17	49-2482	1	Line-Fuel
18	104-0878	1	Lever-Choke
19	32144-27	3	Screw
20	32144-44	3	Screw-HWH
21	104-0875-03	1	Brace-Engine
22	3296-29	3	Nut-Lock, NI
23	32144-97	1	Screw-PPH, Plastite
24	3256-14	1	Washer-Flat

Ref	Part No.	Qty.	Description
25	322-4	4	Screw-HH
26	104-4149	1	Conduit
27	106-4741	1	Cord-Electric



Upper Shroud Assembly

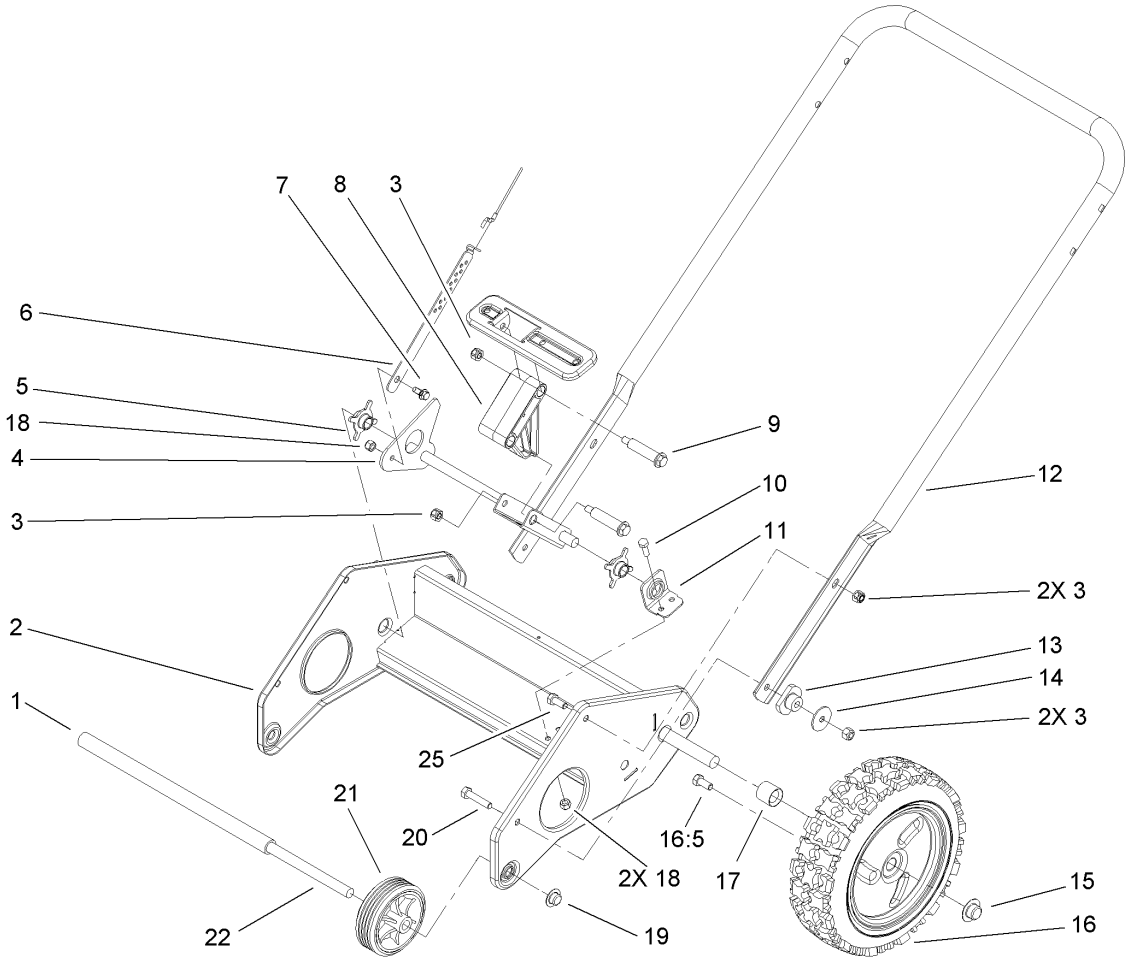
Ref	Part No.	Qty.	Description
1	3256-22	4	Washer-Flat
2	3250-32	2	Screw-PPH
3	104-4133	1	Gas Cap ASM
4	32144-112	2	Screw-HWH
5	55-9410	1	Guide-Rope, Starter
6	612824	1	Clip-Starter
7	612825	1	Handle-Start
8	66-7460	1	Bulb-Primer
9	44-2750	1	Body-Primer
10	40-5940	1	Switch
11	104-0863	1	Panel-Control
12	108-7300	1	Upper Shroud ASM
❶12:1		1	Shroud-Upper
12:1:2	104-0860	1	Shield-Heat
12:1:3	94-4496	5	Screw-PPH
12:2	105-3543	1	Seal-Chute
12:3	55-9540-03	1	Retainer-Seal, Chute
12:4	3290-474	8	Palnut
12:5	108-5084	1	Decal-Upper Shroud
13	95-1861	1	Hose-Primer
14	218-532	1	Connector-Body
15	63-8360	1	Key-Ignition
16	3296-42	2	Nut-Lock, NI



Upper Handle Assembly

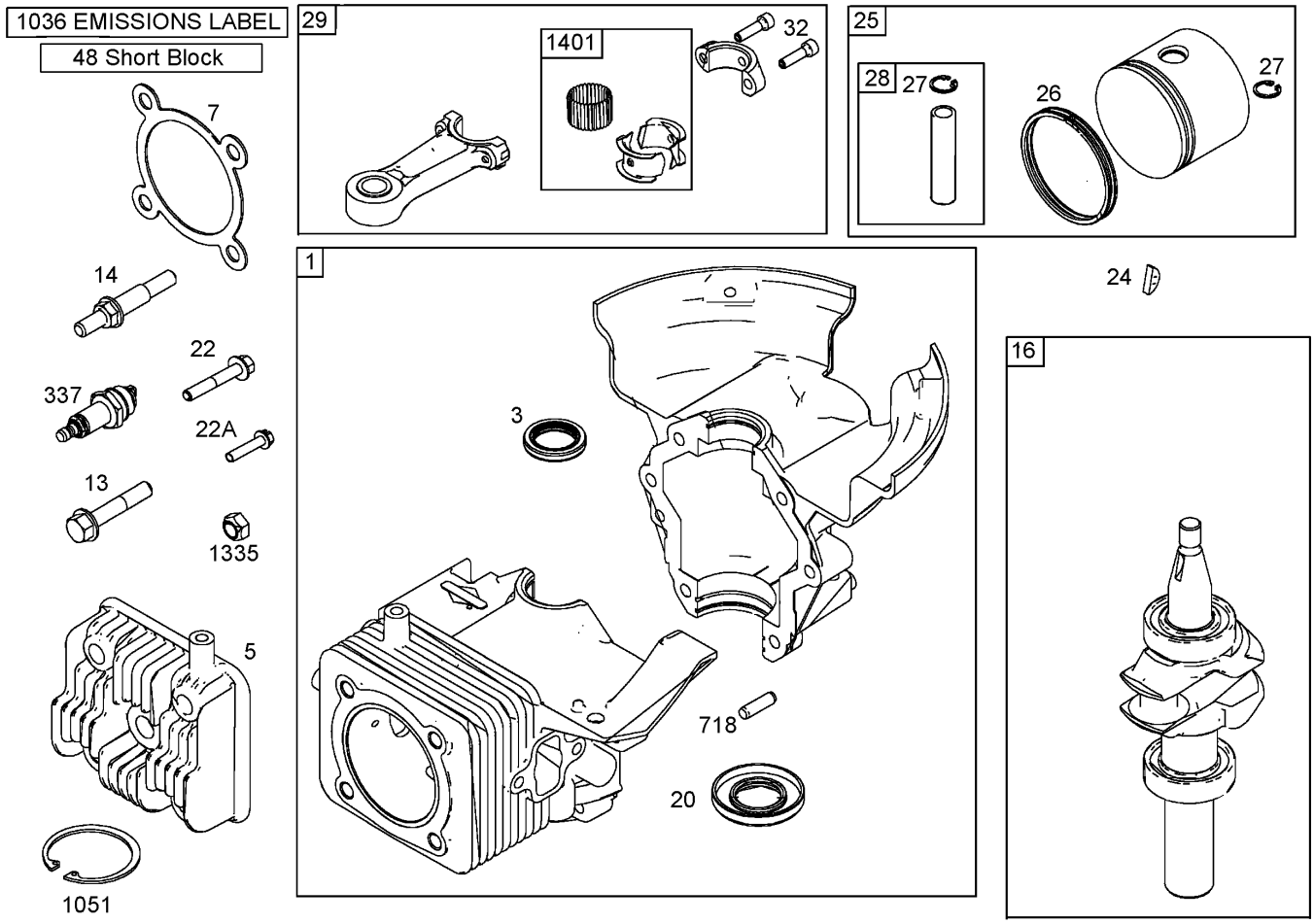
Ref	Part No.	Qty.	Description
1	98-2266	1	Lock-Handle
2	104-4137	1	Upper Handle ASM
2:2	104-2775	1	Decal-Drive, Rotor
3	92-2260	2	Screw-Handle
4	55-9340	2	Spacer-Bar, Control
5	3274-31	1	Screw-HSBH
6	100-9882-03	1	Arm-Clutch, Handle
7	98-1375	4	Screw-HWH
8	3296-42	1	Nut-Lock, NI
9	104-4104-03	1	Bar-Control
10	104-4100	1	Bracket-Panel, LH
11	3296-47	2	Nut-Lock, NI
12	55-9670	1	Washer
13	104-4101	1	Bracket-Panel, RH
14	106-4737	1	Display Handle Panel ASM
14:2	106-4716	1	Decal-Handle Display
15	100-9868	1	Guide-Pivot Cable
16	106-4161	2	Knob-Handle
17	107-3844	1	Washer
18	104-0895	1	Cable-Pivot
19	104-4145	1	Cover-Spring
20	71-5330	1	Adjuster-Cable, Clutch
21	104-0894	1	Spring-Cable
22	104-0896	1	Cable-Clutch

Ref	Part No.	Qty.	Description
23	104-4126	1	Lock-Handle, RH



Lower Handle Assembly

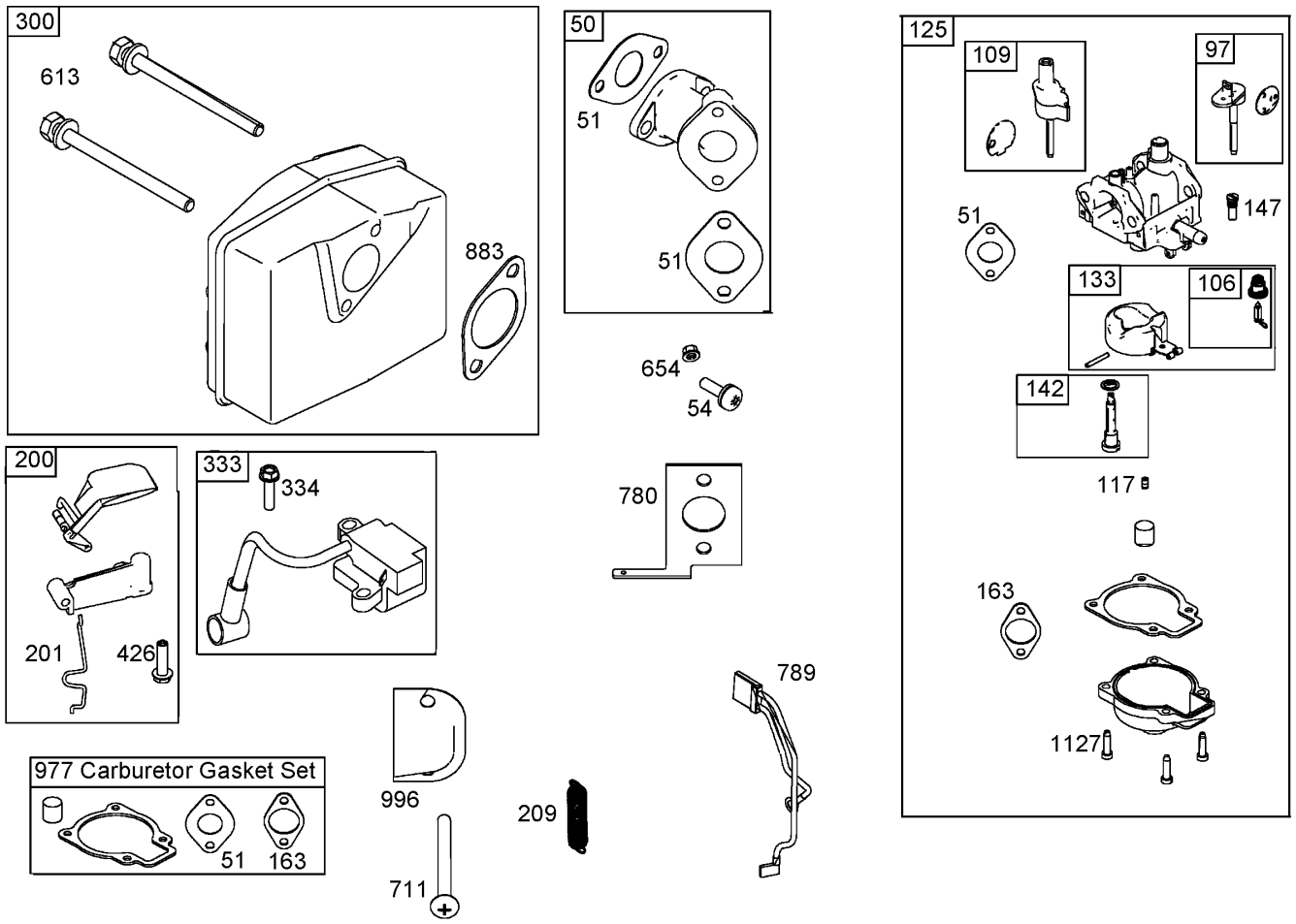
Ref	Part No.	Qty.	Description
1	100-9878	1	Spacer-Plastic
2	100-9887-03	1	Wheelframe ASM
3	3296-29	6	Nut-Lock, NI
4	104-0853	1	Pivot ASM
5	104-0855	2	Bushing-Rod, Pivot
6	104-0899	1	Adjuster-Cable, Pivot
7	104-4102	1	Screw-Shoulder
8	100-9896	1	Block-Pivot
9	100-9880	2	Bolt-Shoulder
10	321-4	2	Screw-HH
11	100-9879	1	Support-Rod, Pivot
12	100-9890-03	1	Handle-Lower
13	100-9883	2	Bushing-Pivot
14	3256-57	2	Washer-Flat
15	104-4111	2	Nut-Push
16	105-3549	2	Wheel ASM
16:5	46-8091	3	Screw-HWH
17	104-0892	2	Spacer-Axle, Rear
18	3296-42	3	Nut-Lock, NI
19	32112-14	2	Nut-Push
20	322-7	2	Screw-HH
21	100-9864	2	Tire And Wheel ASM
22	100-9875	1	Axle-Front
25	322-3	2	Screw-HH



Crankcase, Crankshaft, Cylinder Head, and Connecting Rod Assemblies Briggs and Stratton 084333-0199-E1

Ref	Part No.	Qty.	Description
❷1	801321	1	Cylinder ASM
❷3	801262	1	Seal-Oil
❷5	801283	1	Head-Cylinder
❷7	801263	1	Gasket-Head, Cylinder
❷13	801264	1	Screw (Cylinder Head)
❷14	801265	1	Stud (Cylinder Head)
❷16	801221	1	Crankshaft
❷20	801261	1	Seal-Oil
❷22	801266	1	Screw (Crankcase Cover And Sump)
❷22A	801271	1	Screw (Crankcase Cover And Sump)
❷24	801234	1	Key-Flywheel
❷25	801281	1	Piston ASM
❷26	801282	1	Ring Set
❷27	801275	1	Lock-Pin, Piston
❷28	801276	1	Pin-Piston
❷29	801277	1	Rod-Connecting
❷32	801278	1	Screw
❷48	801287	1	Short Block
❷337	801254	1	Plug-Spark
❷718	690959	1	Pin-Locating
❷1036	801295	1	Label-Emissions
❷1051	801274	1	Ring-Retaining

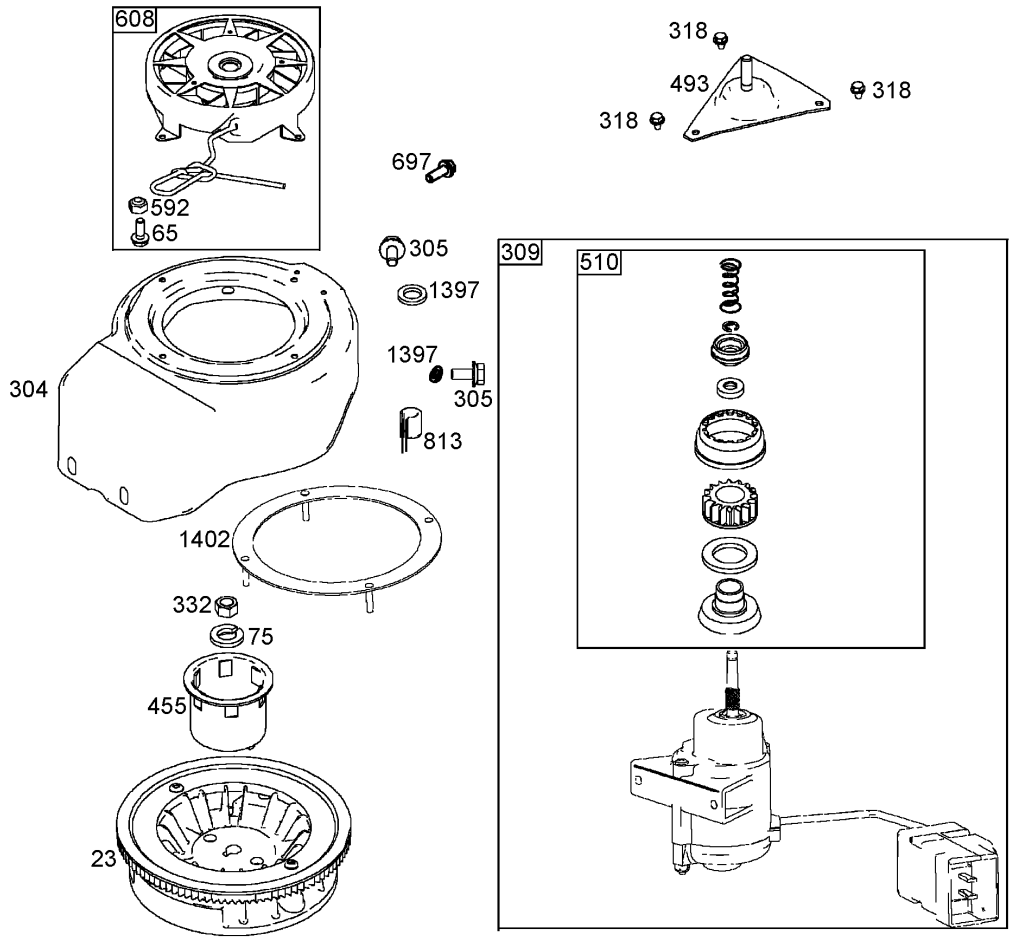
Ref	Part No.	Qty.	Description
❷1335	801269	1	Nut (Blower Housing)
❷1401	801290	1	Roller-Strip



Intake Manifold, Carburetor, and Muffler Assemblies
Briggs and Stratton 084333-0199-E1

Ref	Part No.	Qty.	Description
❷50	801232	1	Manifold-Intake
❷51	801224	1	Gasket-Intake
❷54	801230	1	Screw (Intake Manifold)
❷97	801306	1	Shaft-Throttle
❷106	801317	1	Seat-Inlet
❷109	801307	1	Shaft-Choke
❷117	801311	1	Jet-Main
❷125	801255	1	Carburetor
❷133	801316	1	Float-Carburetor
❷142	801313	1	Nozzle-Carburetor
❷147	801309	1	Jet-Pilot
❷163	801227	1	Gasket-Cleaner, Air
❷200	801289	1	Blade-Governor
❷201	801225	1	Link-Vane, Air
❷209	801223	1	Spring-Governor
❷300	801250	1	Muffler
❷333	801268	1	Armature-Magneto
❷334	801267	1	Screw
❷426	801231	1	Screw
❷613	801251	1	Screw
❷654	801324	1	Nut (Intake Manifold) (Used Before Engine Code Date 05042600)
❷711	801229	1	Screw

Ref	Part No.	Qty.	Description
❷780	801228	1	Anchor-Spring
❷789	801253	1	Wire ASM
❷883	801252	1	Gasket-Exhaust
❷977	801312	1	Gasket Set-Carburetor
❷996	801226	1	Shield-Carburetor
❷1127	801318	1	Screw



Flywheel, Blower Housing, and Starter Assemblies
Briggs and Stratton 084333-0199-E1

Ref	Part No.	Qty.	Description
❷23	801246	1	Flywheel
❷65	801243	1	Screw
❷75	801237	1	Washer
❷304	801236	1	Housing-Blower
❷305	801239	1	Screw (Blower Housing)
❷309	801247	1	Motor-Starter
❷318	801241	1	Screw
❷332	801238	1	Nut
❷455	801235	1	Cup-Flywheel
❷493	801240	1	Bracket-Mounting
❷510	801293	1	Drive-Starter
❷592	801244	1	Nut
❷608	801242	1	Starter-Rewind
❷697	801248	1	Screw (Starter Motor)
❷813	801249	1	Clamp
❷1397	801270	1	Washer (Blower Housing)
❷1402	801272	1	Ring-Support

NOTES


TORO®