



Insight[®] Lawn Mower

Model No. 10666 - 280000001 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.

Contents

Description	Page	Description	Page
Front End and Tunnel Assembly	..... 3	Air Cleaner Assembly Briggs and Stratton 126T05-0182-B1	..... 15
Housing Assembly No. 114-2804	..... 4	Governor Assembly Briggs and Stratton 126T05-0182-B1	..... 16
Rear Axle and Transmission Assembly	..... 5	Muffler and Fuel Tank Assembly Briggs and Stratton 126T05-0182-B1	..... 17
Upper Handle Assembly	..... 6	Blower Housing Assembly Briggs and Stratton 126T05-0182-B1	..... 18
Lower Handle Assembly	..... 7	Starter Assembly Briggs and Stratton 126T05- 0182-B1	..... 19
Blade and Engine Assembly	..... 8	Electric Starter Assembly Briggs and Stratton 126T05-0182-B1	..... 20
Electrical Assembly	..... 9	Engine Gasket Set Briggs and Stratton 126T05-0182-B1	..... 21
Rear Bag Assembly	..... 10	Carburetor Overhaul Kit Briggs and Stratton 126T05-0182-B1	..... 22
Cylinder Assembly Briggs and Stratton 126T05-0182-B1	..... 11	Attachments and Accessories List	..... 23
Crankshaft Assembly Briggs and Stratton 126T05-0182-B1	..... 12		
Crankcase Assembly Briggs and Stratton 126T05-0182-B1	..... 13		
Carburetor Assembly Briggs and Stratton 126T05-0182-B1	..... 14		

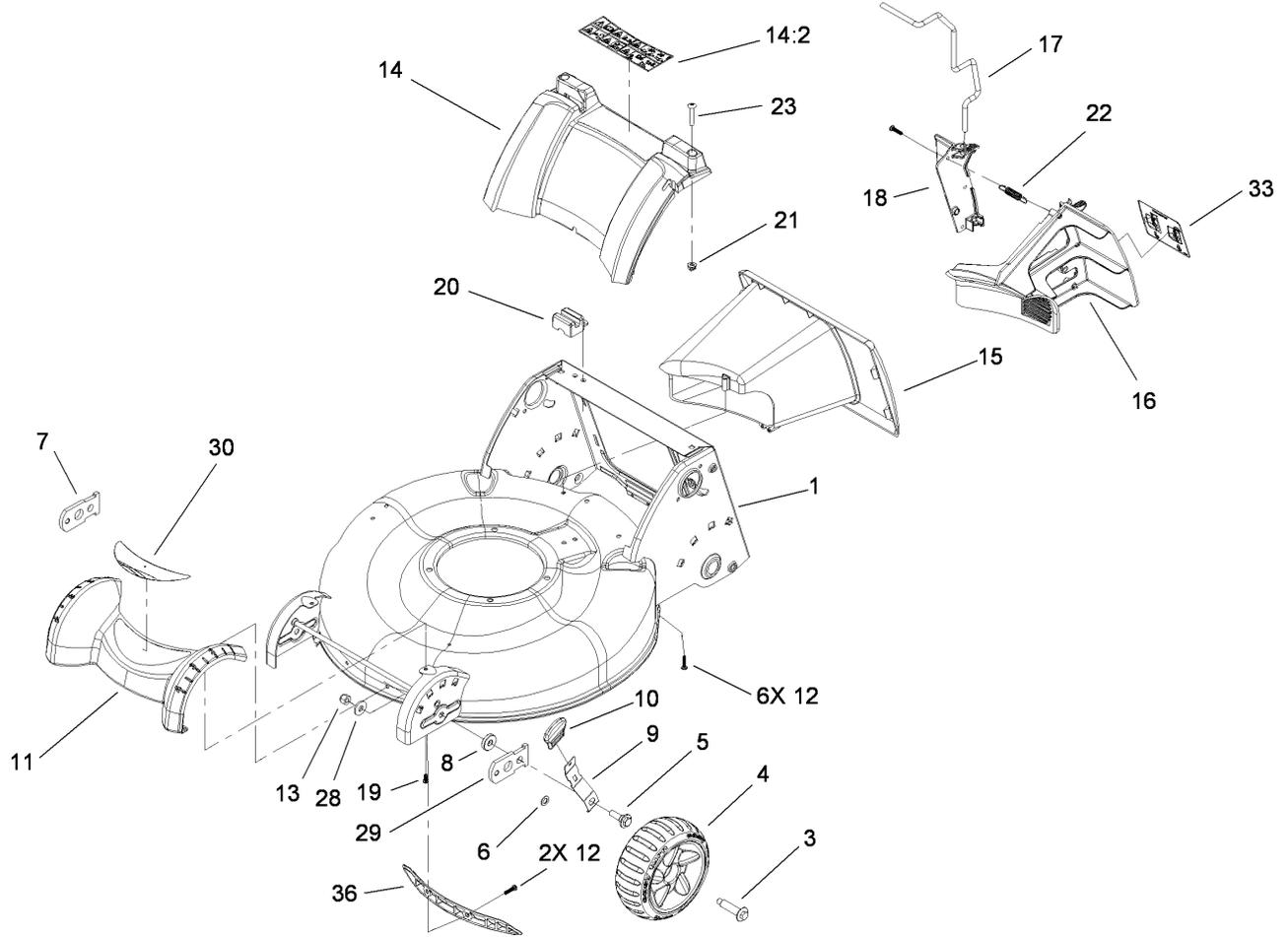
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

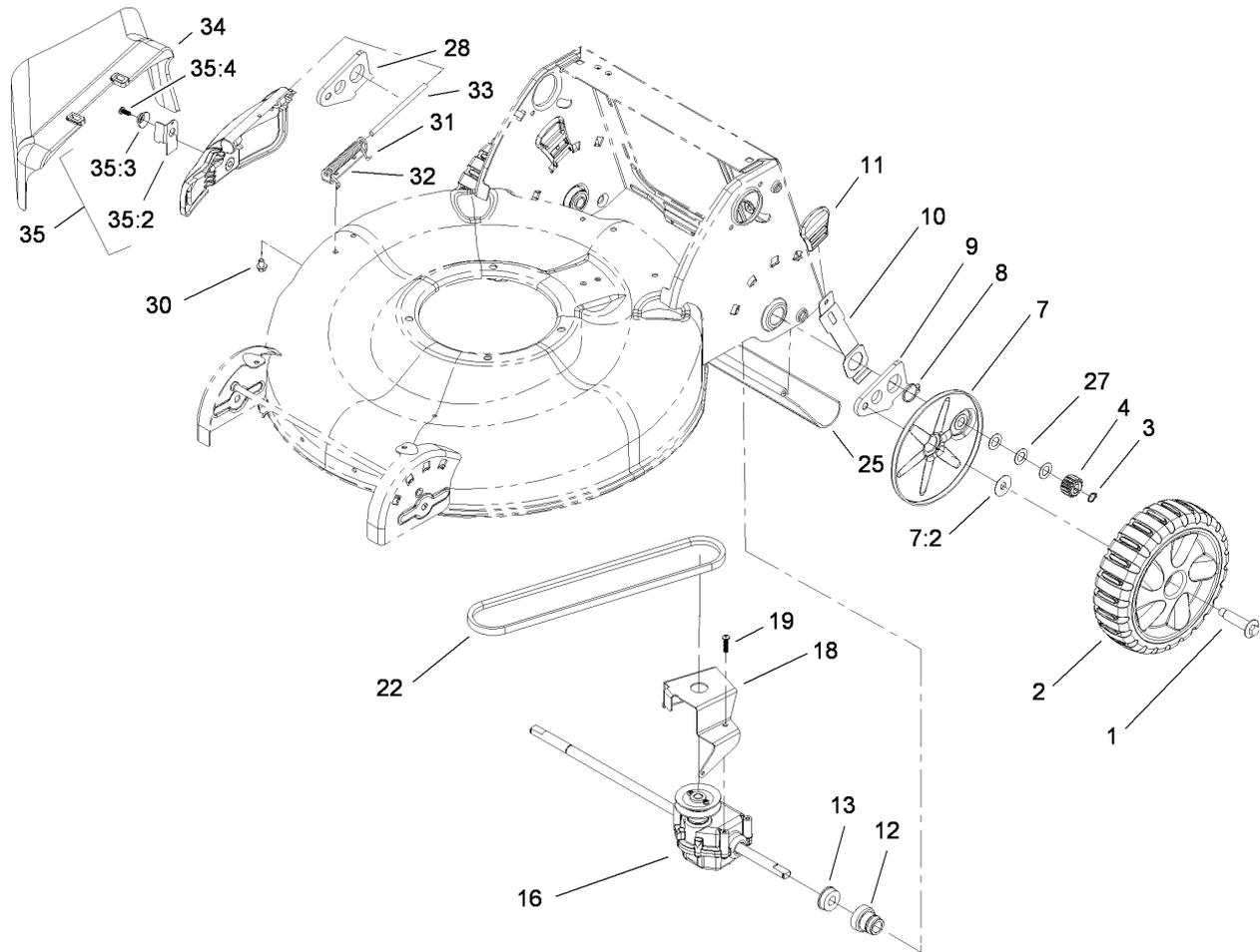
- | | |
|---|--|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain from your local Briggs & Stratton dealer | ❹ Included in Carburetor Overhaul Kit (Ref. No. 121) |
| ❺ Included in Engine Gasket Set (Ref. No. 358) | ❻ Included in Carburetor Gasket Set (Ref. No. 977) |



Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description
1	114-2804	1	Housing ASM
3	614650	2	Bolt-Shoulder
4	112-1548	2	7 Inch Front Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	110-0549	2	Knob-HOC
11	107-3926	1	Cover-Front
12	108-7476	8	Screw-Plastite
13	3296-39	2	Nut-Lock, NI
14	115-3177	1	Cover-Rear
14:2	114-2820	1	Decal-Warning
15	110-9456	1	Tunnel
16	110-9446	1	Plug-Mulch, LH
17	110-9448	1	Latch-Mulch Plug
18	110-9447	1	Plug-Mulch, RH
19	108-7475	2	Screw-Plastite
20	110-1787	1	Module-Switch
21	94-1610	2	Nut-Clip
22	110-9458	1	Spring-Extension
23	108-0965	2	Screw-PTH
28	80-6990	2	Washer-Hardened

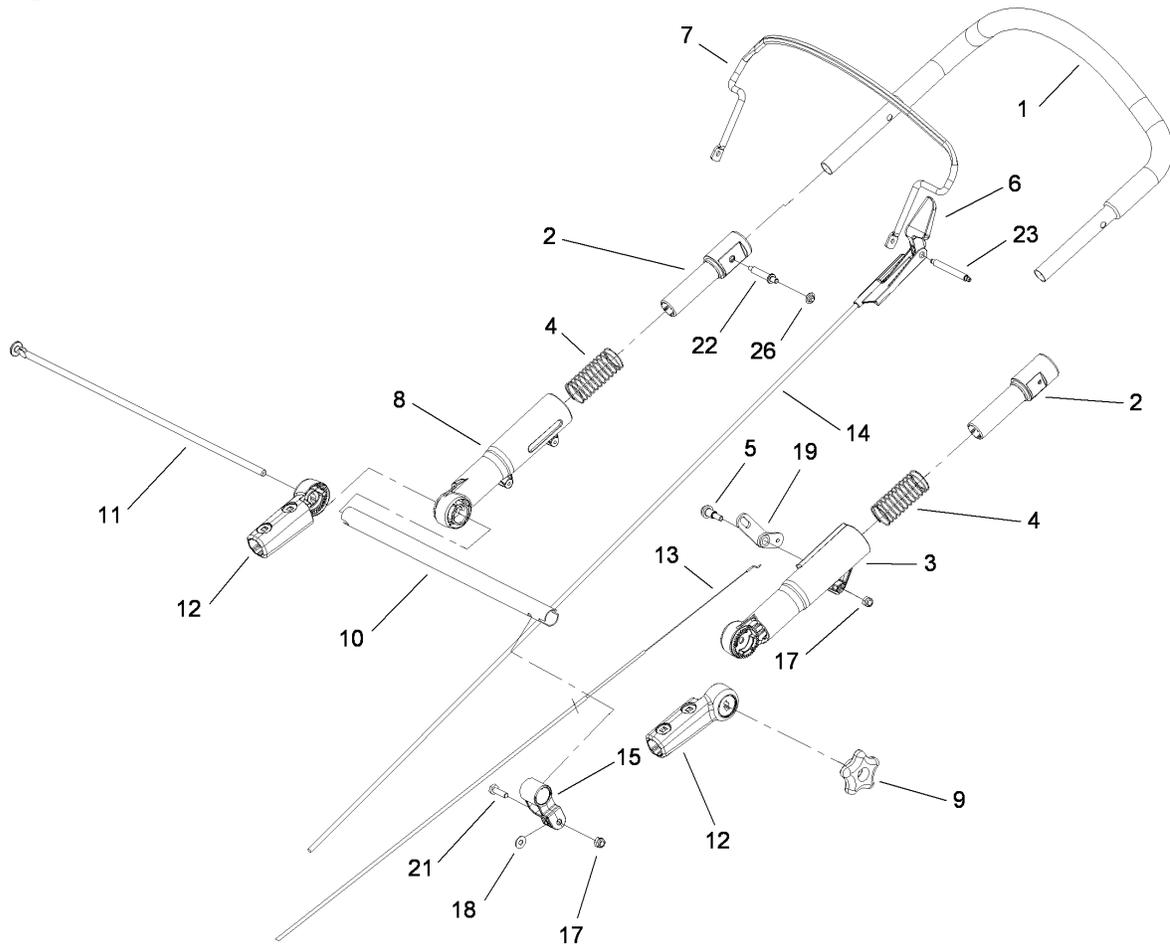
Ref	Part No.	Qty.	Description
29	108-1044	1	Arm-Pivot, LH
30	108-7453	1	Decal
33	110-9457	1	Decal-Mulch Plug
36	108-7502	1	Insert-Housing
39	110-1751	1	Mulch Plug ASM



Rear Axle and Transmission Assembly

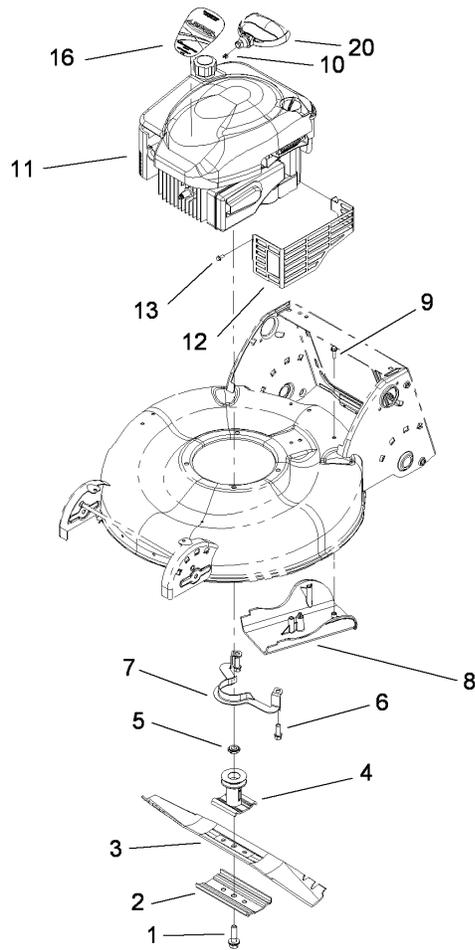
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3906	2	Rear Wheel ASM
3	32151-61	2	Ring-Retaining
4	110-9417	2	Pinion
7	110-1793	2	Wheel Cover ASM
7:2	614426	1	Washer-Stepped
8	32151-36	2	Ring-Retaining
9	108-9344	1	Arm-Rear Pivot, LH
10	110-9445	2	Arm-Spring, Rear
11	110-0549	2	Knob-HOC
12	104-8698	2	Retainer-Bearing, HOC
13	104-8699	2	Bearing-Ball
16	110-9414	1	Transmission ASM
18	114-7977-03	1	Bracket-Transmission
19	108-7476	3	Screw-Plastite
22	110-9429	1	V-Belt
25	112-8768	1	Shield-Trailing
27	36-4780	3	Washer-Plain
28	108-9343	1	Arm-Rear Pivot, RH
30	99-8445	2	Screw-HWH
31	99-5293	1	Spring-Torsion
32	112-6416	1	Bracket-Cover
33	99-5291	1	Rod-Cover
34	105-3028	1	Chute-Discharge, Side

Ref	Part No.	Qty.	Description
35	106-8376	1	Discharge Door ASM
35:2	107-0795	1	Latch-Door
35:3	107-7456	1	Cap-Door
35:4	107-7461	1	Screw-Plastite



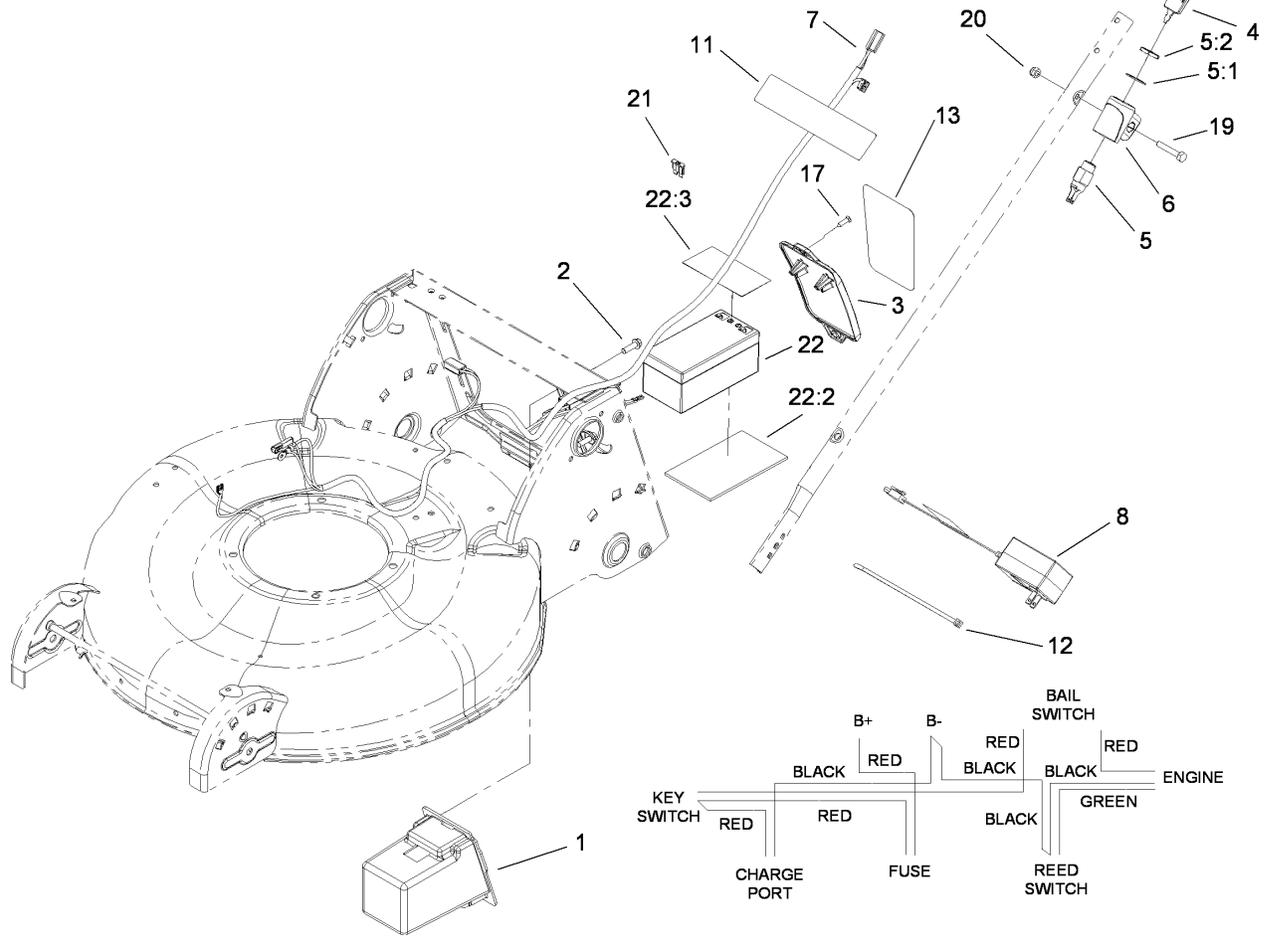
Upper Handle Assembly

Ref	Part No.	Qty.	Description
1	108-0974	1	Upper Handle ASM
2	112-8754	2	Sleeve-Inner
3	112-1544	1	Sleeve-Outer, LH
4	107-3869	2	Spring-Compression
5	104-0858	1	Bolt-Shoulder
6	112-8764	1	Stop-Pivot
7	110-1819-03	1	Bail-Brake
8	112-1545	1	Sleeve-Outer, RH
9	107-3937	1	Knob
10	107-3867-03	1	Tube-Cross
11	107-3871	1	Rod-Threaded
12	107-3865	2	Mount-Handle, Lower
13	107-3902	1	Cable-Traction
14	107-3903	1	Cable-Brake
15	112-8801	1	Clamp-Cable
17	3296-73	2	Nut-Lock, NI
18	3256-1	1	Washer-Flat
19	107-3893	1	Lever-Traction
21	321-5	1	Screw-HH
22	108-0959	1	Pin-Handle
23	108-1008	1	Pin-Bail, LH
26	108-9378	1	Retainer-Push On



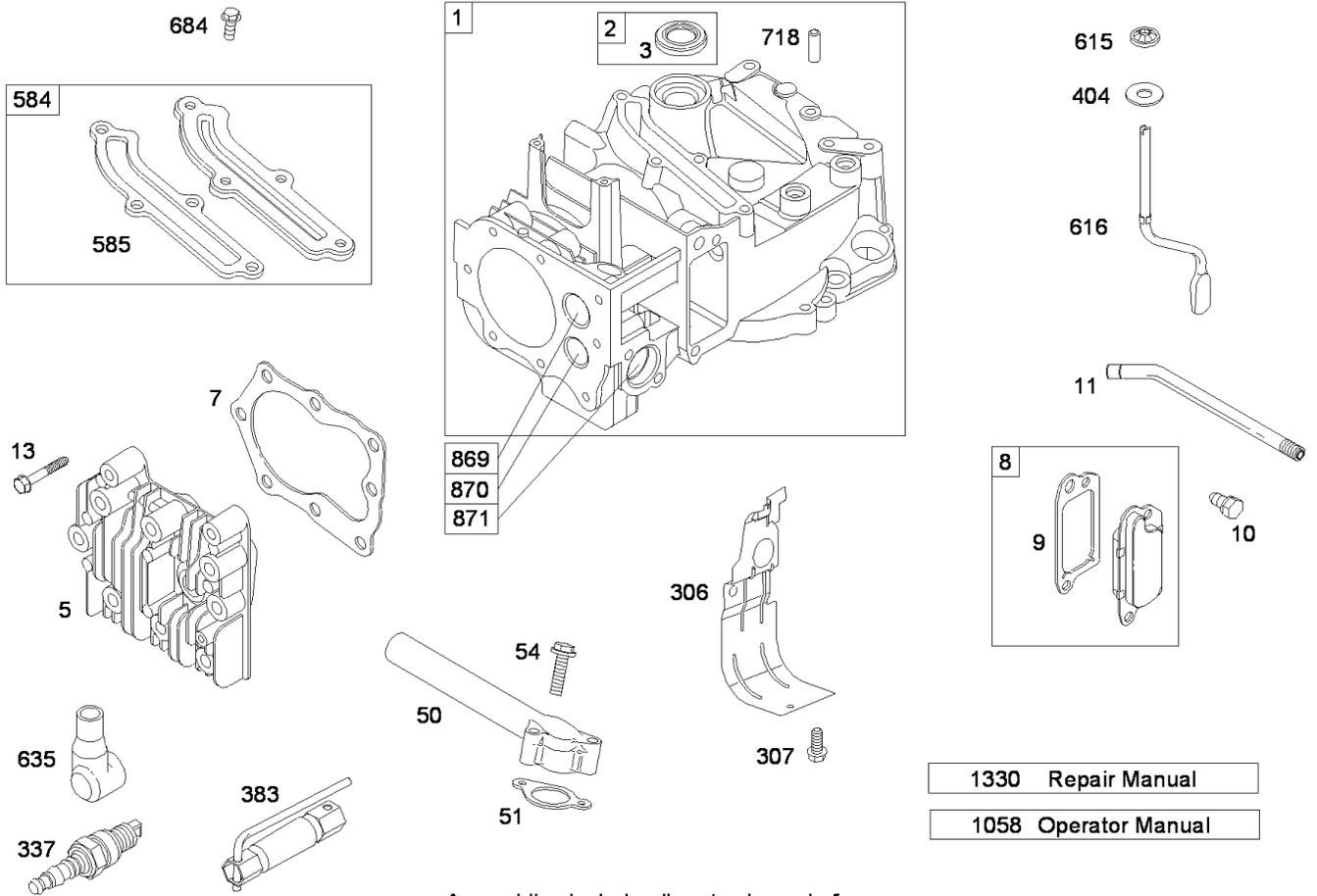
Blade and Engine Assembly

Ref	Part No.	Qty.	Description				
1	105-8579	1	Bolt-Blade				
2	108-3766-03	1	Support-Blade				
3	108-0954-03	1	Blade-21 Inch				
4	106-3987	1	Blade Driver ASM				
5	106-3999	1	Spacer-Driver				
6	92-1624	3	Screw				
7	105-3030-03	1	Guide-Belt				
8	110-1832	1	Cover-Belt				
9	46-8091	3	Screw-HWH				
10	2210-316	1	Stop-Rope				
11		1	Engine-Briggs And Stratton, 126T05-0182-B1				
12	104-7577-03	1	Shield-Muffler				
13	32144-1	3	Screw-Taptite				
16	114-2830	1	Decal-Engine				
20	110-1778	1	Handle-Recoil				



Electrical Assembly

Ref	Part No.	Qty.	Description
1	107-3932	1	Box-Battery
2	46-8091	4	Screw-HWH
3	108-0981	1	Cover-Battery
4	700918	1	Key
5	46-5780	1	Switch-Starter
5:1	3254-5	1	Washer-Tooth
5:2	218-461	1	Nut-HH
6	108-9760	1	Mount-Switch
7	114-2815	1	Harness-Wire
8	104-7401	1	Charger-12 Volt
11	104-7953	1	Decal-Harness
12	614249	2	Strap-Tie
13	108-0992	1	Decal-Instruction, Battery
17	32144-111	2	Screw-PPH
19	321-51	1	Screw-HH
20	3296-73	1	Nut-Lock, NI
21	99-6124	2	Fuse-40 Amp
22	108-9358	1	Battery
22:2	108-0987	1	Foam-Battery
22:3	112-8763	1	Decal-Battery Terminal

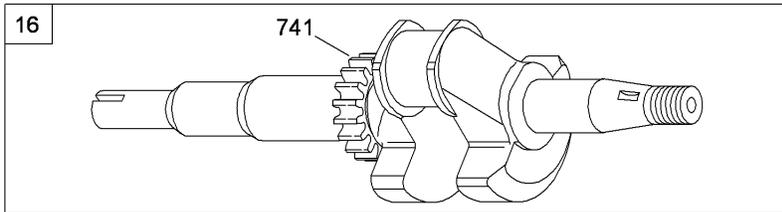
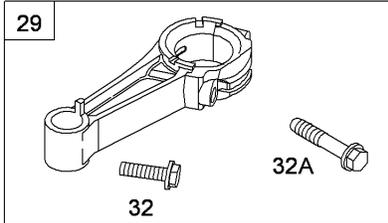
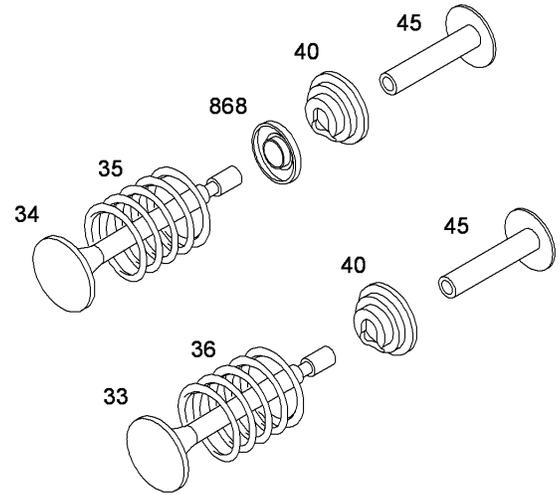
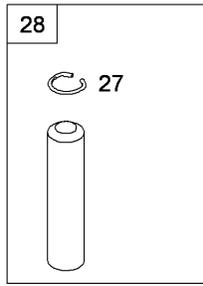
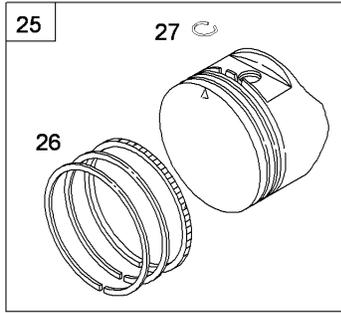


Assemblies include all parts shown in frames

Cylinder Assembly Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
1	697322	1	Cylinder ASM
2	399269	1	Bushing And Seal Kit
3	299819s	1	Seal-Oil (Magneto Side)
5	691160	1	Head-Cylinder
7	692249	1	Gasket-Head, Cylinder
8	695250	1	Breather ASM
9	696125	1	Gasket-Breather
10	691125	1	Screw (Breather ASM)
11	691781	1	Tube-Breather
13	690912	1	Screw (Cylinder Head)
50	794305	1	Manifold-Intake
51	794306	1	Gasket-Intake
54	691650	1	Screw (Intake Manifold)
306	790836	1	Shield-Cylinder
307	690345	1	Screw (Cylinder Shield)
337	802592s	1	Plug-Spark
383	89838s	1	Wrench-Spark Plug
404	690272	1	Washer (Governor Crank)
584	697734	1	Cover-Passage, Breather
585	691879	1	Gasket-Passage, Breather
615	690340	1	Retainer-Shaft, Governor
616	698801	1	Crank-Governor
635	66538s	1	Boot-Spark Plug
684	690345	1	Screw (Breather Passage Cover)

Ref	Part No.	Qty.	Description
718	690959	1	Pin-Locating
869	691155	1	Seat-Valve (Intake)
870	690380	1	Seat-Valve (Exhaust)
871	262001	1	Bushing-Guide (Exhaust)
871	63709	1	Bushing-Guide (Intake)
1058	277039TRI	1	Operator Manual
1330	270962	1	Repair Manual

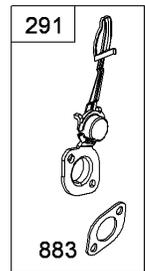
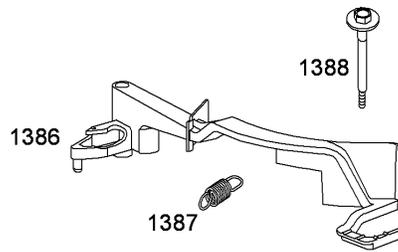
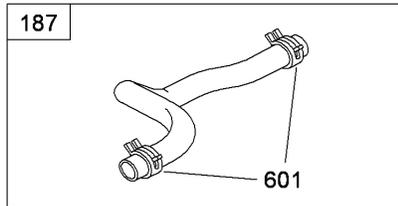
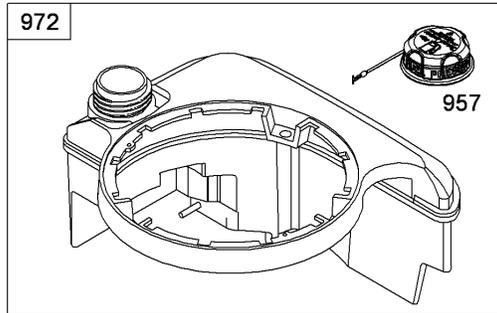
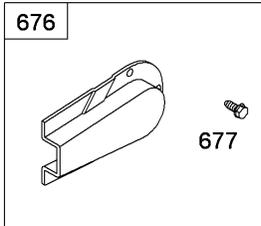
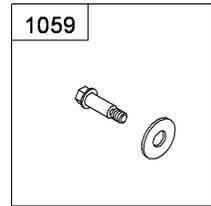
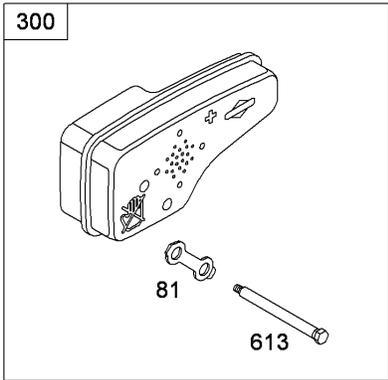


Assemblies include all parts shown in frames

Crankshaft Assembly Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
①16	795499	1	Crankshaft
①24	222698s	1	Key-Flywheel
①25	795429	1	Piston ASM (STD)
①25	795430	1	Piston ASM (.020 Oversize)
①26	795431	1	Ring Set (STD)
①26	795432	1	Ring Set (.020 Oversize)
①27	691866	1	Lock-Pin, Piston
①28	499423	1	Pin-Piston (STD)
①29	499424	1	Rod-Connecting
①32	691664	1	Screw (Connecting Rod)
①32A	695759	1	Screw (Connecting Rod)
①33	262651s	1	Valve-Exhaust
①34	262652s	1	Valve-Intake
①35	691270	1	Spring-Valve (Intake)
①36	691270	1	Spring-Valve (Exhaust)
①40	692194	1	Retainer-Valve
①45	690548	1	Tappet-Valve
①741	790345	1	Gear-Timing
①868	697338	1	Seal-Valve

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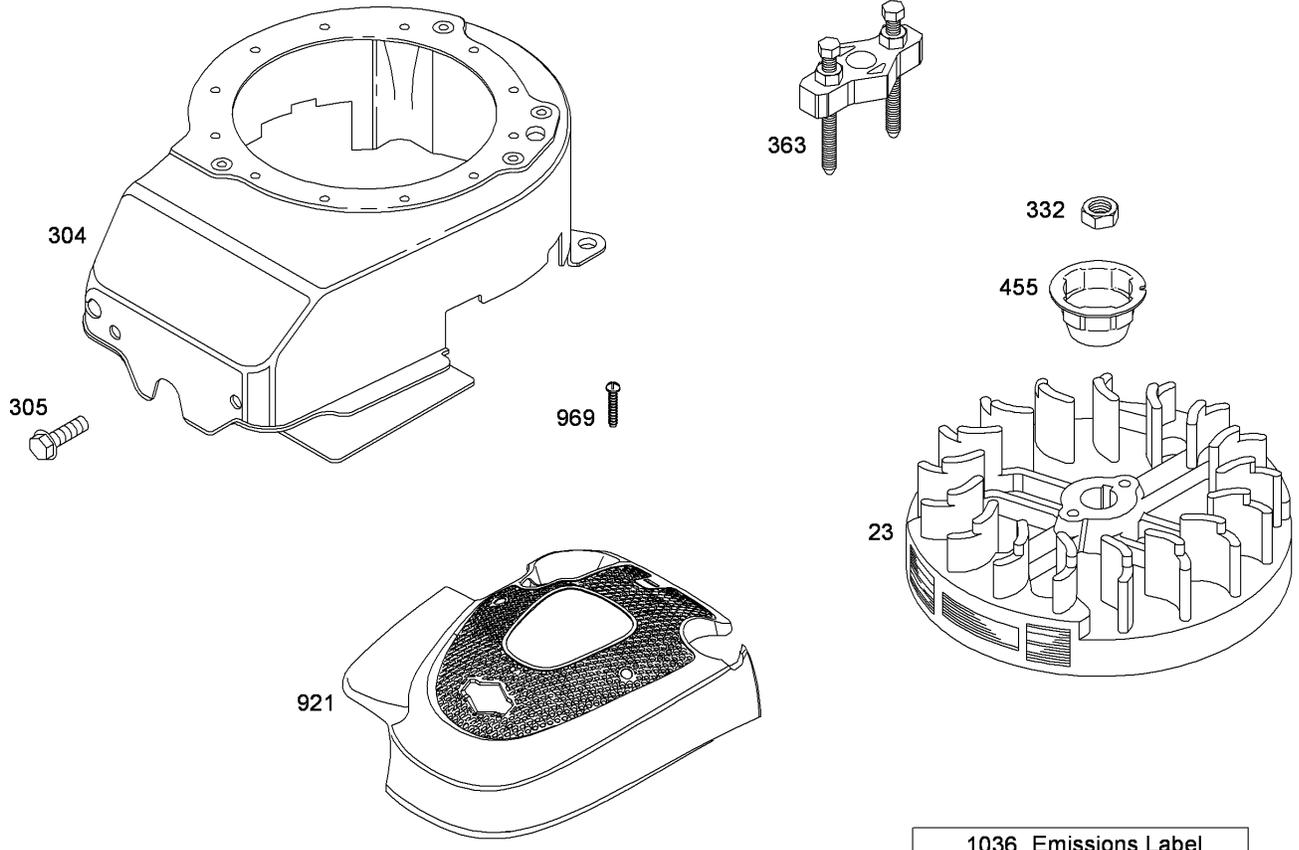


Assemblies include all parts shown in frames

Muffler and Fuel Tank Assembly Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
81	691740	1	Lock-Screw, Muffler
187	791873	1	Line-Fuel (Molded) (Cut To Required Length)
190	690940	1	Screw (Fuel Tank)
291	790830	1	Thermostat
300	692038	1	Muffler
601	791850	1	Clamp-Hose
613	691340	1	Screw (Muffler)
670	692294	1	Spacer-Tank, Fuel
676	493871	1	Deflector-Muffler
677	690661	1	Screw (Muffler Deflector)
883	691881	1	Gasket-Exhaust
957	699985	1	Cap-Tank, Fuel
972	699374	1	Tank-Fuel
1059	692311	1	Screw And Washer Kit
1386	790848	1	Vane-Air
1387	790849	1	Spring-Vane, Air
1388	790850	1	Screw (Air Vane)

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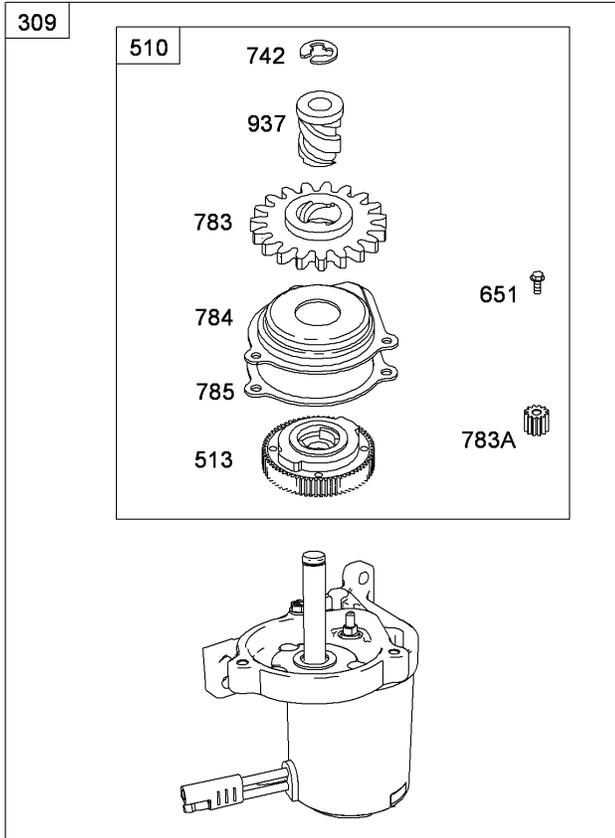
1036 Emissions Label

Assemblies include all parts shown in frames

Blower Housing Assembly Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
● 23	691987	1	Flywheel
● 304	791135	1	Housing-Blower
● 305	691108	1	Screw (Blower Housing)
● 332	690662	1	Nut (Flywheel)
● 363	19069	1	Puller-Flywheel
● 455	791760	1	Cup-Flywheel
● 921	792652	1	Cover-Housing, Blower
● 969	691138	1	Screw (Blower Housing Cover)
● 1036		1	Label-Emissions

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Electric Starter Assembly Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description				
309	795092	1	Motor-Starter				
510	795093	1	Drive-Starter				
513	692358	1	Clutch-Drive				
651	691660	1	Screw (Starter Gear Cover)				
697	691127	1	Screw (Drive Cap)				
742	93941	1	Retainer-E Ring				
783	691918	1	Gear-Pinion				
783A	691269	1	Gear-Pinion				
784	7950951	1	Cover-Gear, Starter				
785	692352	1	Gasket-Cover, Starter				
937	691325	1	Spline-Starter				

Attachments and Accessories

For 10666 - Insight Lawn Mower

Product Name	Model/Part
Replacement Air Filter	104-7944
Lawn Boy Paint	110-8800
Replacement Bag	89815
Rear Bag Kit	89913
21 Inch Blade	89914
Cruise Control Kit	89919

