Form Number 3358-894 Rev B

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.

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Contents

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

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
HD	heavy-duty
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
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 illustrated

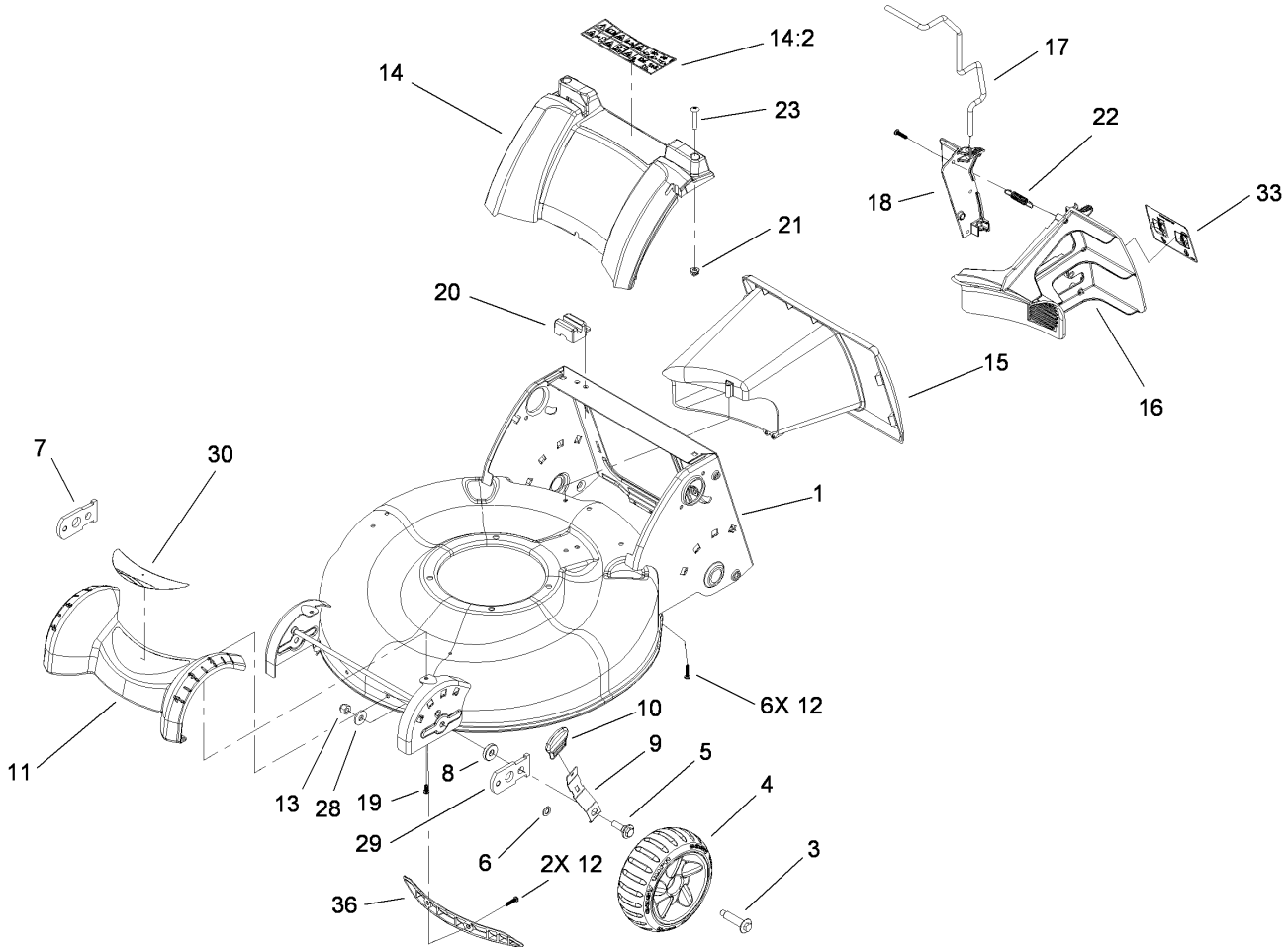
❷ Not serviced separately

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)

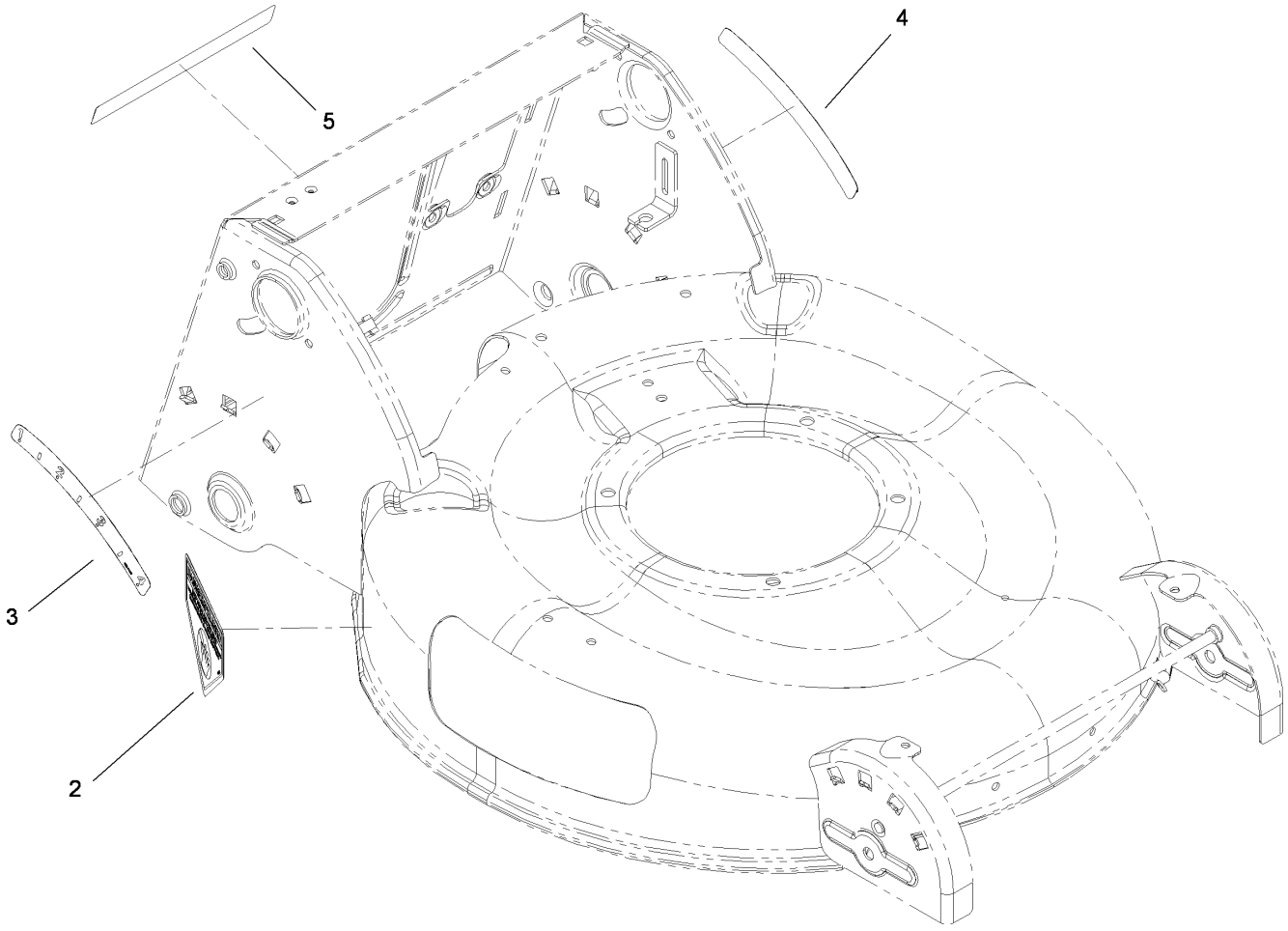
❻ Included in Carburetor Gasket Set (Ref. No. 977)



Front End and Tunnel Assembly

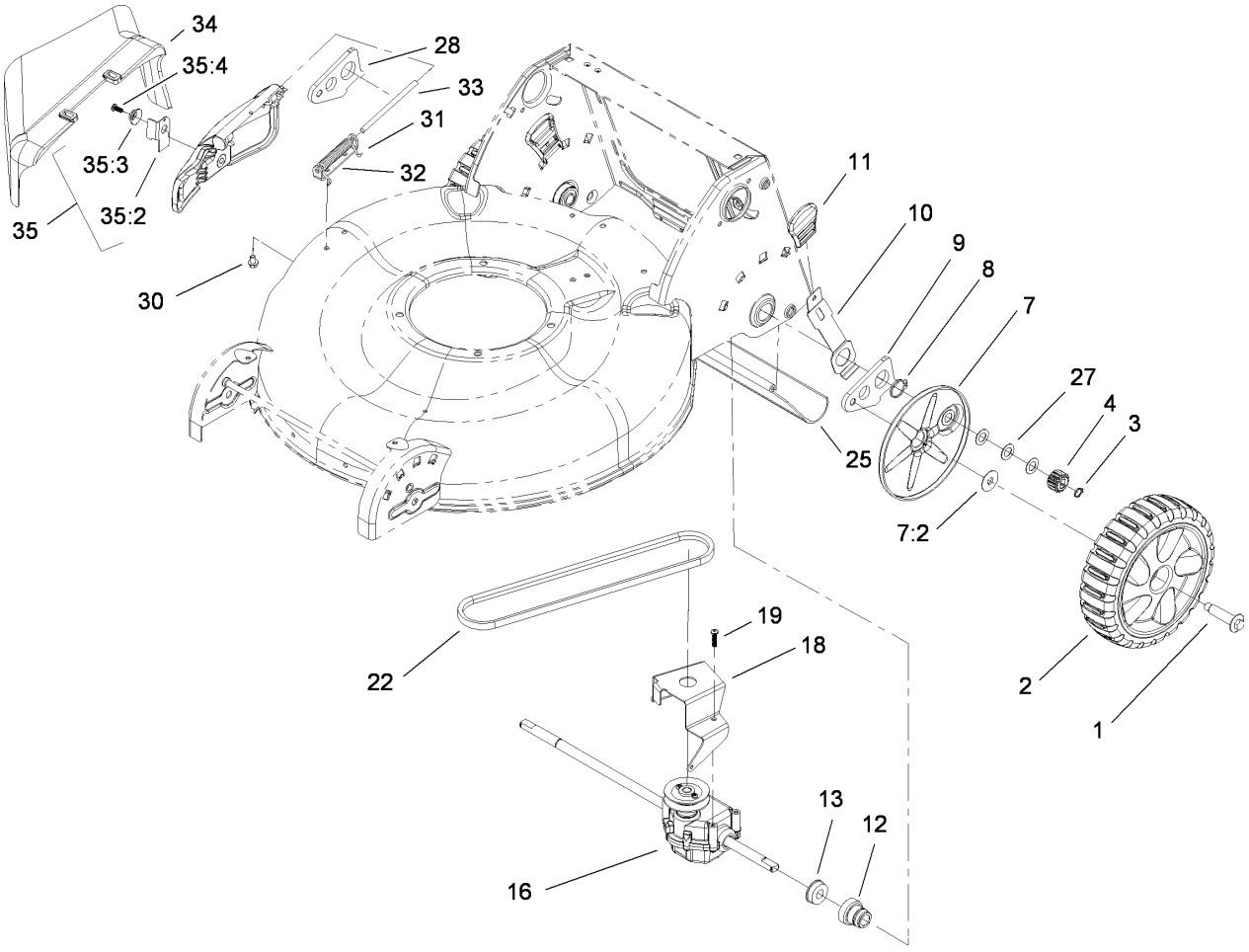
Ref	Part No.	Qty.	Description
1	114-2804	1	Housing ASM
3	614650	2	Bolt-Shoulder
4	112-1548	2	7 Inch Front Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	110-0549	2	Knob-HOC
11	107-3926	1	Cover-Front
12	108-7476	8	Screw-Plastite
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
❶39	110-1751	1	Mulch Plug ASM



Housing Assembly No. 114-2804

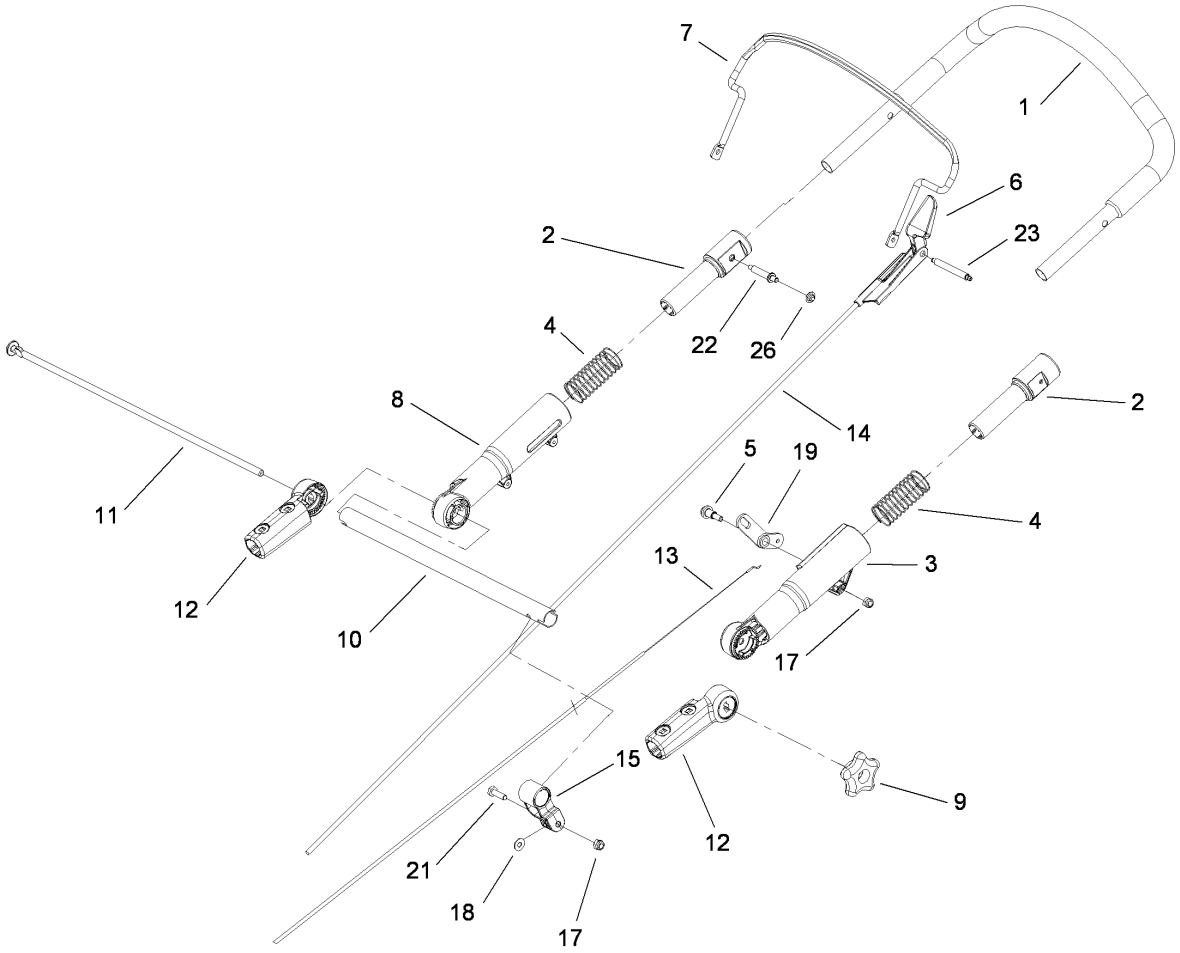
Ref	Part No.	Qty.	Description
2	94-8072	1	Decal-Danger
3	108-7450	1	Decal-HOC, RH
4	108-7451	1	Decal-HOC, LH
5	107-3889	1	Decal-Safety



Rear Axle and Transmission Assembly

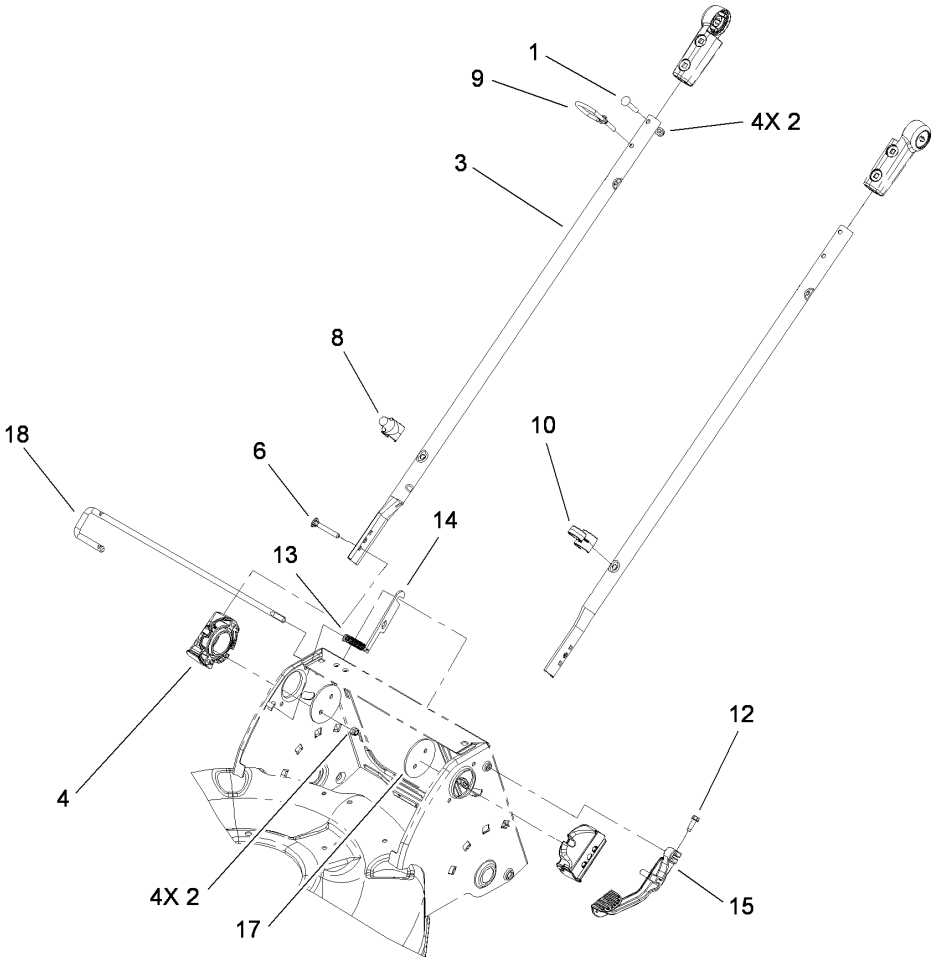
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3906	2	Rear Wheel ASM
3	32151-61	2	Ring-Retaining
4	110-9417	2	Pinion
7	110-1793	2	Wheel Cover ASM
7:2	614426	1	Washer-Stepped
8	32151-36	2	Ring-Retaining
9	108-9344	1	Arm-Rear Pivot, LH
10	110-9445	2	Arm-Spring, Rear
11	110-0549	2	Knob-HOC
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



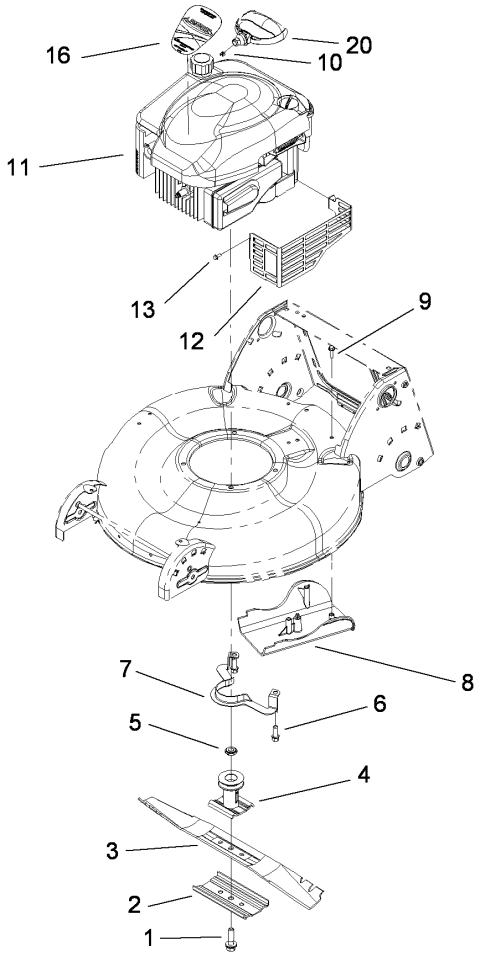
Upper Handle Assembly

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



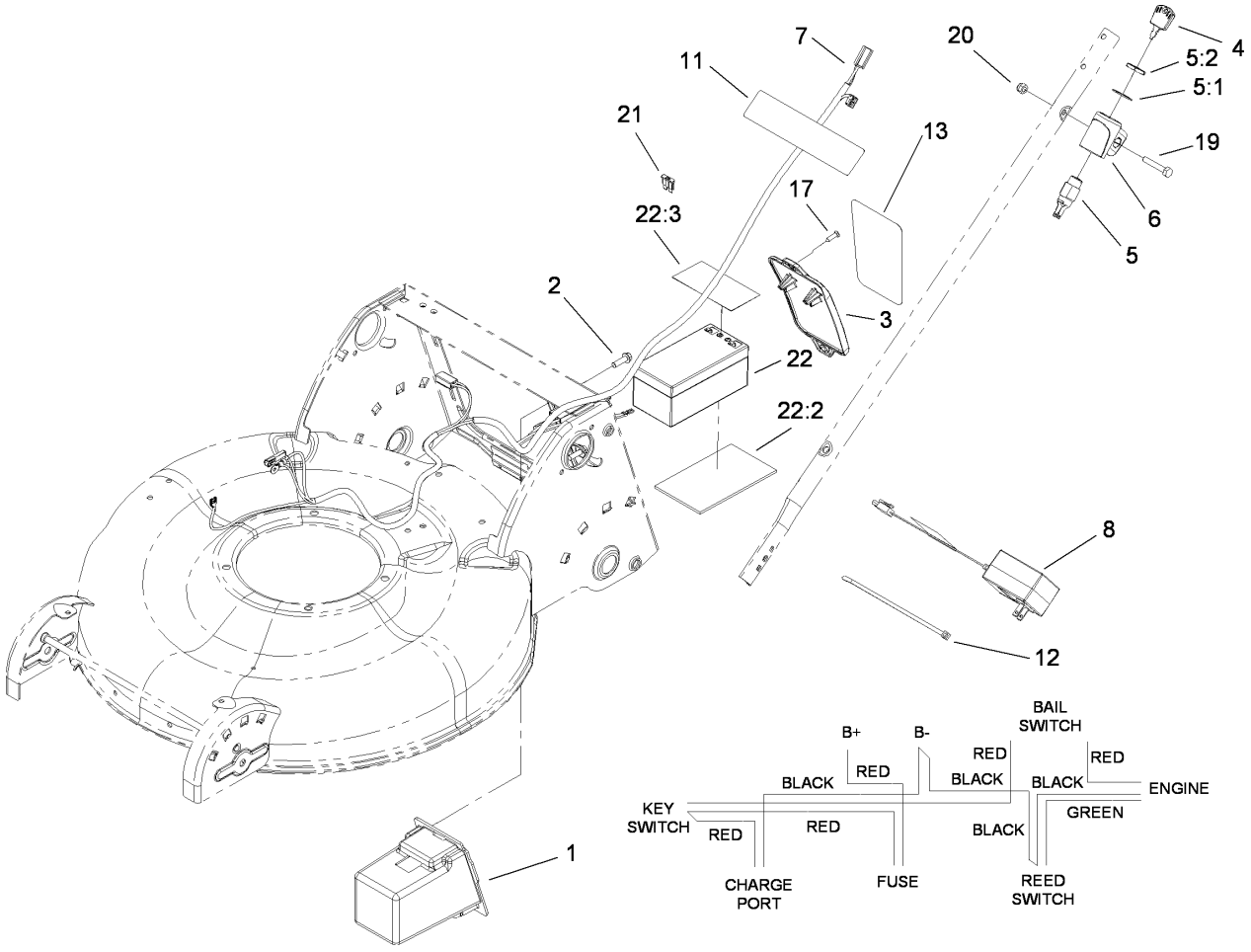
Lower Handle Assembly

Ref	Part No.	Qty.	Description
1	108-0988	3	Screw-CARR
2	3296-73	8	Nut-Lock, NI
3	107-3887-03	2	Tube-Lower
4	114-2791	2	Handle-Mount, Lower
6	95-4453	4	Screw
8	108-0994	1	Guide-Rope, Lower
9	107-3908	1	Guide-Rope, Upper
10	106-6805	1	Guide-Cable
12	49-2040	1	Screw-HWHTF
13	112-1542	1	Spring-Extension
14	112-1539	1	Plate-Release Rod
15	110-1823-03	1	Lever-Release
17	107-3944-03	2	Plate
18	112-8755	1	Rod-Handle Release



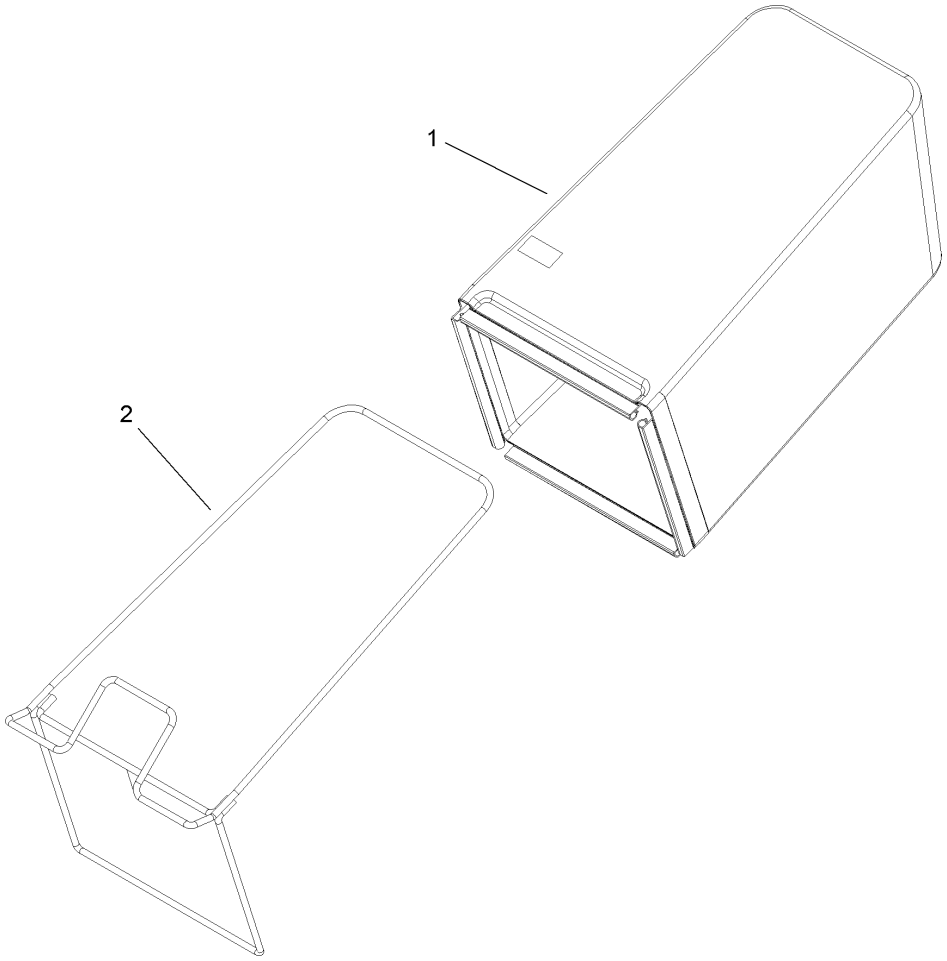
Blade and Engine Assembly

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
❷❸11		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



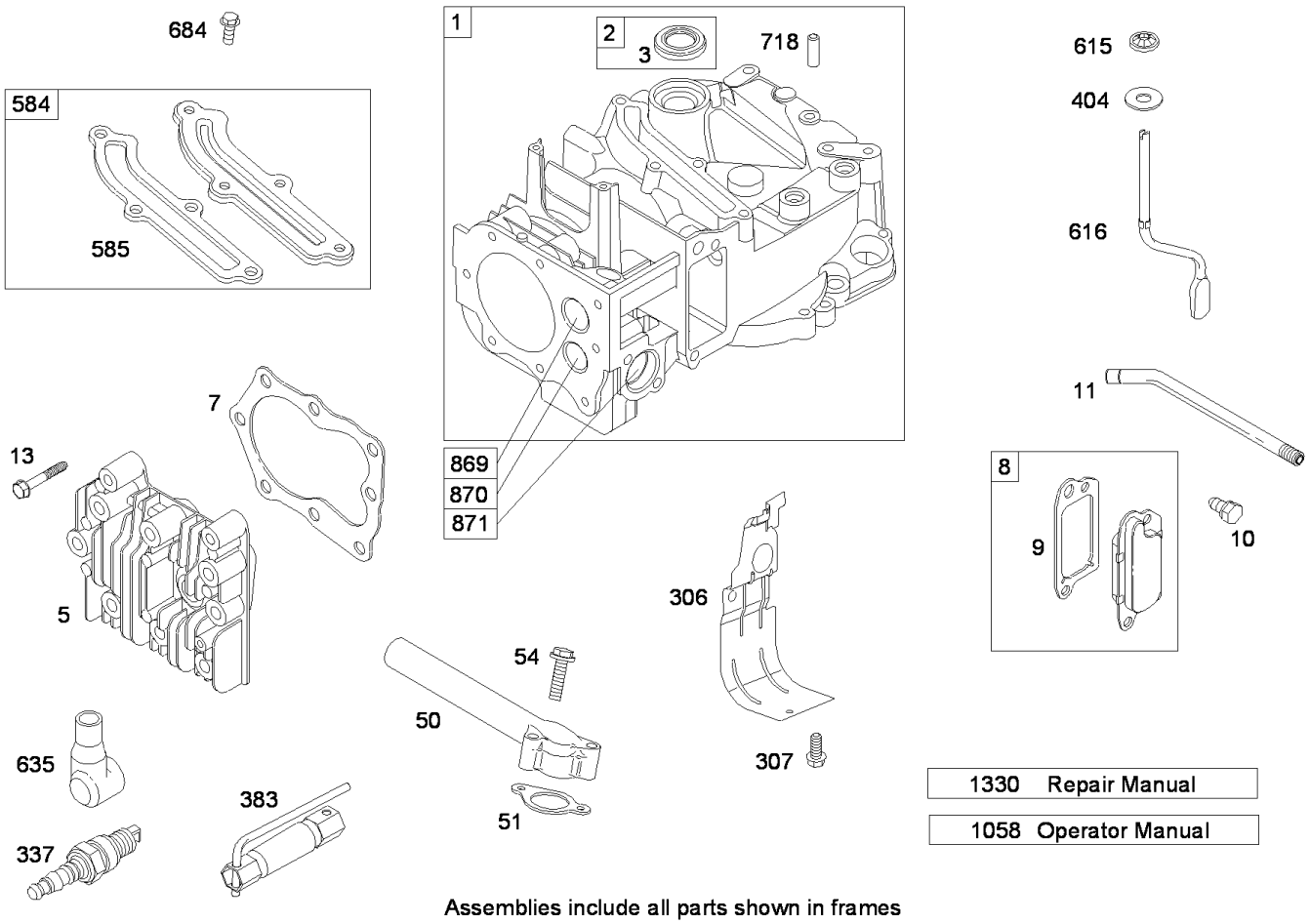
Electrical Assembly

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



Rear Bag Assembly

Ref	Part No.	Qty.	Description
1	107-3911	1	Bag-Grass
2	112-8750-03	1	Frame-Bag

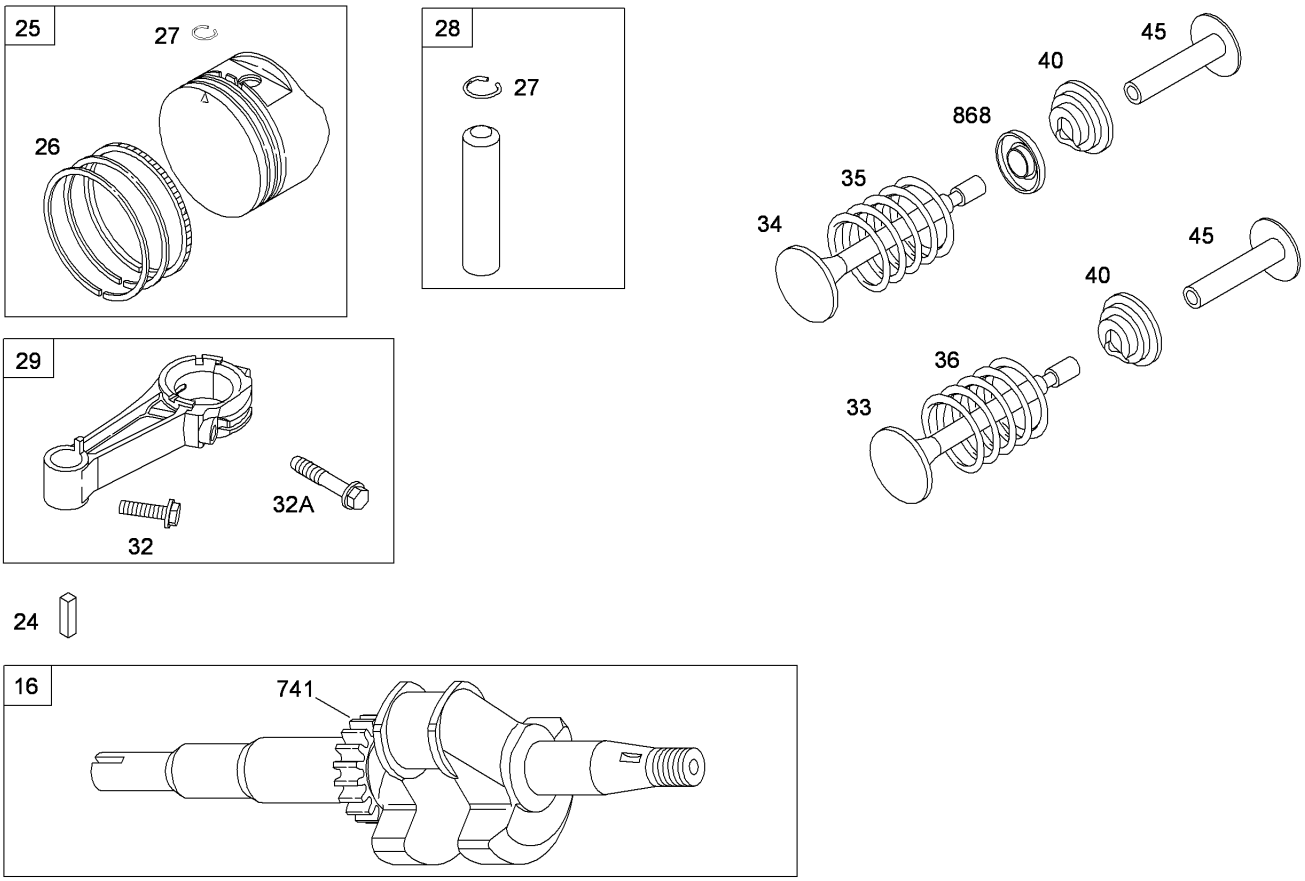


Assemblies include all parts shown in frames

Cylinder Assembly
Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
❸1	697322	1	Cylinder ASM
❸2	399269	1	Bushing And Seal Kit
❸❺3	299819s	1	Seal-Oil (Magneto Side)
❸5	691160	1	Head-Cylinder
❸❺7	692249	1	Gasket-Head, Cylinder
❸8	695250	1	Breather ASM
❸9	696125	1	Gasket-Breather
❸10	691125	1	Screw (Breather ASM)
❸11	691781	1	Tube-Breather
❸13	690912	1	Screw (Cylinder Head)
❸50	794305	1	Manifold-Intake
❸❺51	794306	1	Gasket-Intake
❸54	691650	1	Screw (Intake Manifold)
❸306	790836	1	Shield-Cylinder
❸307	690345	1	Screw (Cylinder Shield)
❸337	802592s	1	Plug-Spark
❸383	89838s	1	Wrench-Spark Plug
❸404	690272	1	Washer (Governor Crank)
❸584	697734	1	Cover-Passage, Breather
❸❺585	691879	1	Gasket-Passage, Breather
❸615	690340	1	Retainer-Shaft, Governor
❸616	698801	1	Crank-Governor
❸635	66538s	1	Boot-Spark Plug
❸684	690345	1	Screw (Breather Passage Cover)

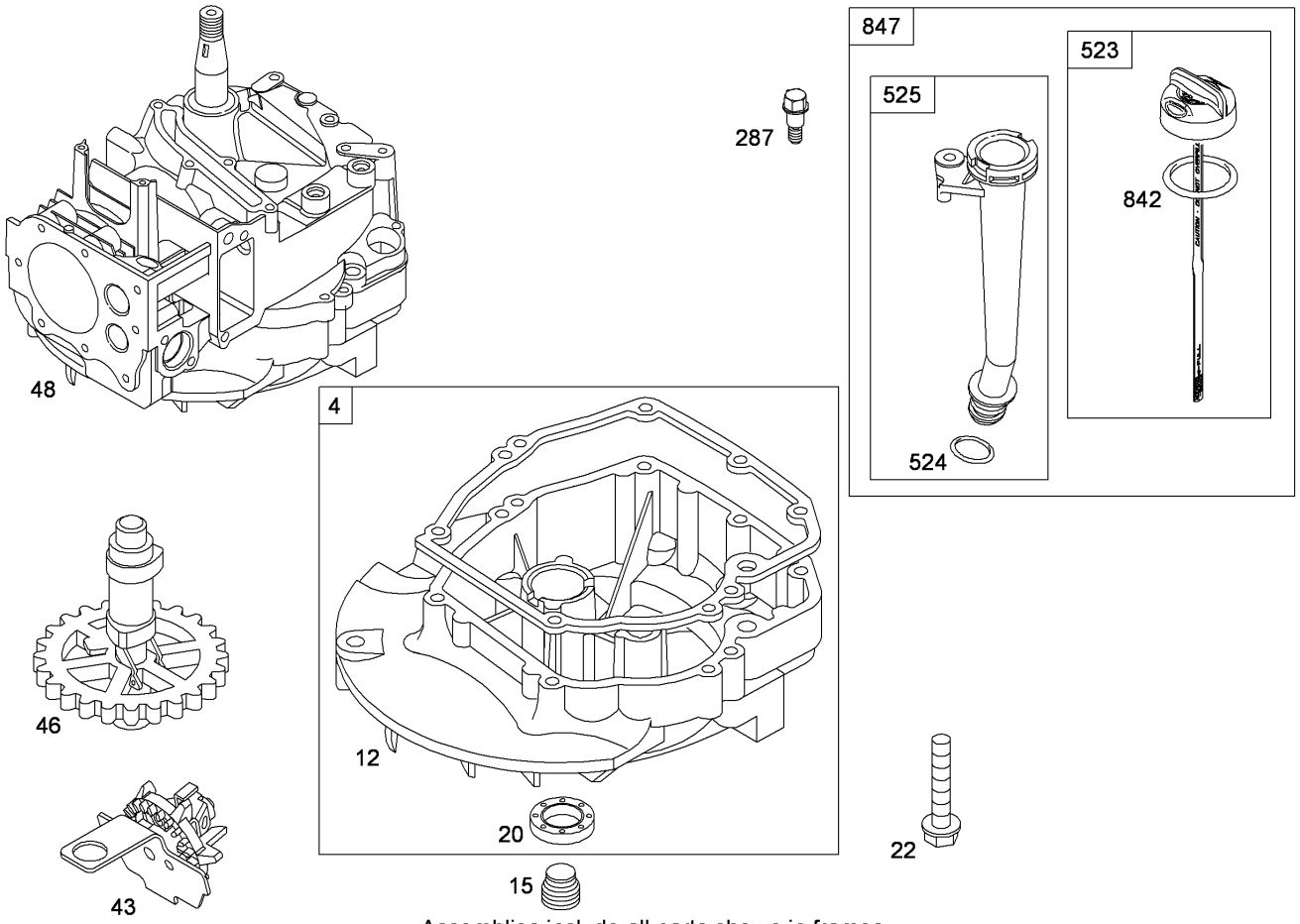
Ref	Part No.	Qty.	Description
❸718	690959	1	Pin-Locating
❸869	691155	1	Seat-Valve (Intake)
❸870	690380	1	Seat-Valve (Exhaust)
❸871	262001	1	Bushing-Guide (Exhaust)
❸871	63709	1	Bushing-Guide (Intake)
❸1058	277039TRI	1	Operator Manual
❸1330	270962	1	Repair Manual



Assemblies include all parts shown in frames

Crankshaft Assembly
Briggs and Stratton 126T05-0182-B1

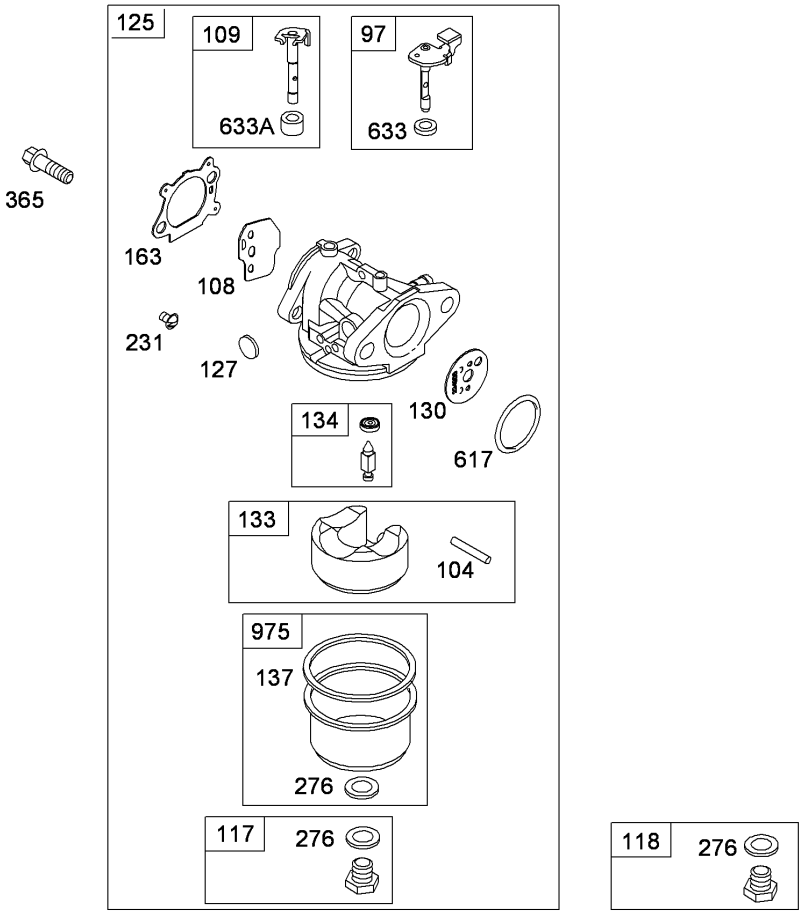
Ref	Part No.	Qty.	Description
❸16	795499	1	Crankshaft
❸24	222698s	1	Key-Flywheel
❸25	795429	1	Piston ASM (STD)
❸25	795430	1	Piston ASM (.020 Oversize)
❸26	795431	1	Ring Set (STD)
❸26	795432	1	Ring Set (.020 Oversize)
❸27	691866	1	Lock-Pin, Piston
❸28	499423	1	Pin-Piston (STD)
❸29	499424	1	Rod-Connecting
❸32	691664	1	Screw (Connecting Rod)
❸32A	695759	1	Screw (Connecting Rod)
❸33	262651s	1	Valve-Exhaust
❸34	262652s	1	Valve-Intake
❸35	691270	1	Spring-Valve (Intake)
❸36	691270	1	Spring-Valve (Exhaust)
❸40	692194	1	Retainer-Valve
❸45	690548	1	Tappet-Valve
❸741	790345	1	Gear-Timing
❸868	697338	1	Seal-Valve



Assemblies include all parts shown in frames

Crankcase Assembly
Briggs and Stratton 126T05-0182-B1

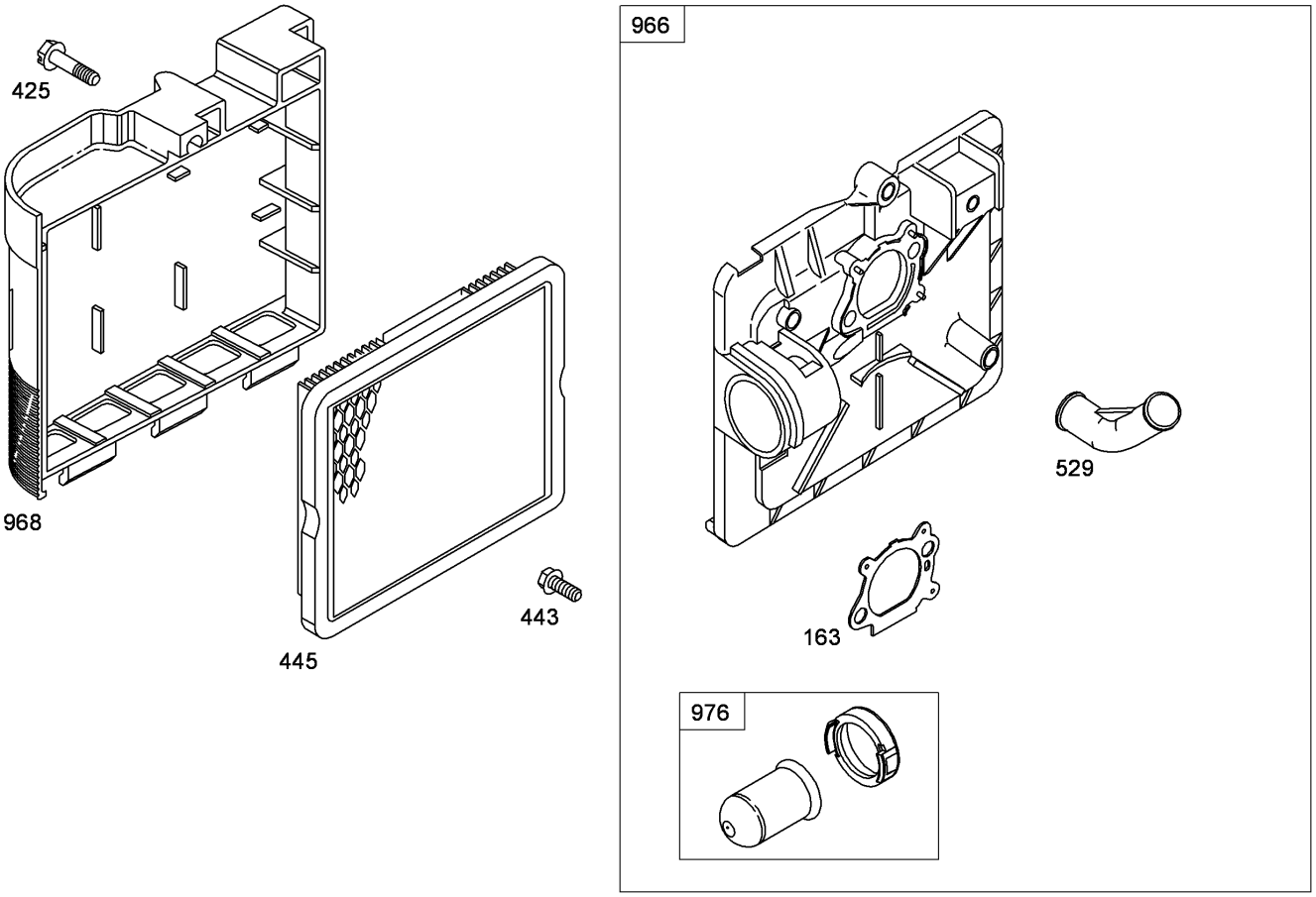
Ref	Part No.	Qty.	Description
❸4	493279	1	Sump-Engine
❸❺12	692232	1	Gasket-Crankcase (.015 STD)
❸15	691680	1	Plug-Drain, Oil
❸❺20	399781s	1	Seal-Oil (PTO Side)
❸22	691092	1	Screw (Engine Sump)
❸43	691997	1	Slinger-Oil, Governor
❸46	691449	1	Camshaft
❸48		1	Short Block (Not Available)
❸287	690940	1	Screw (Dipstick Tube)
❸523	499621	1	Dipstick
❸❺524	692296	1	Seal-O Ring
❸525	495265	1	Tube-Dipstick
❸❺842	691031	1	Seal-O Ring (Dipstick Tube)
❸847	692047	1	Dipstick Tube ASM



Assemblies include all parts shown in frames

Carburetor Assembly
Briggs and Stratton 126T05-0182-B1

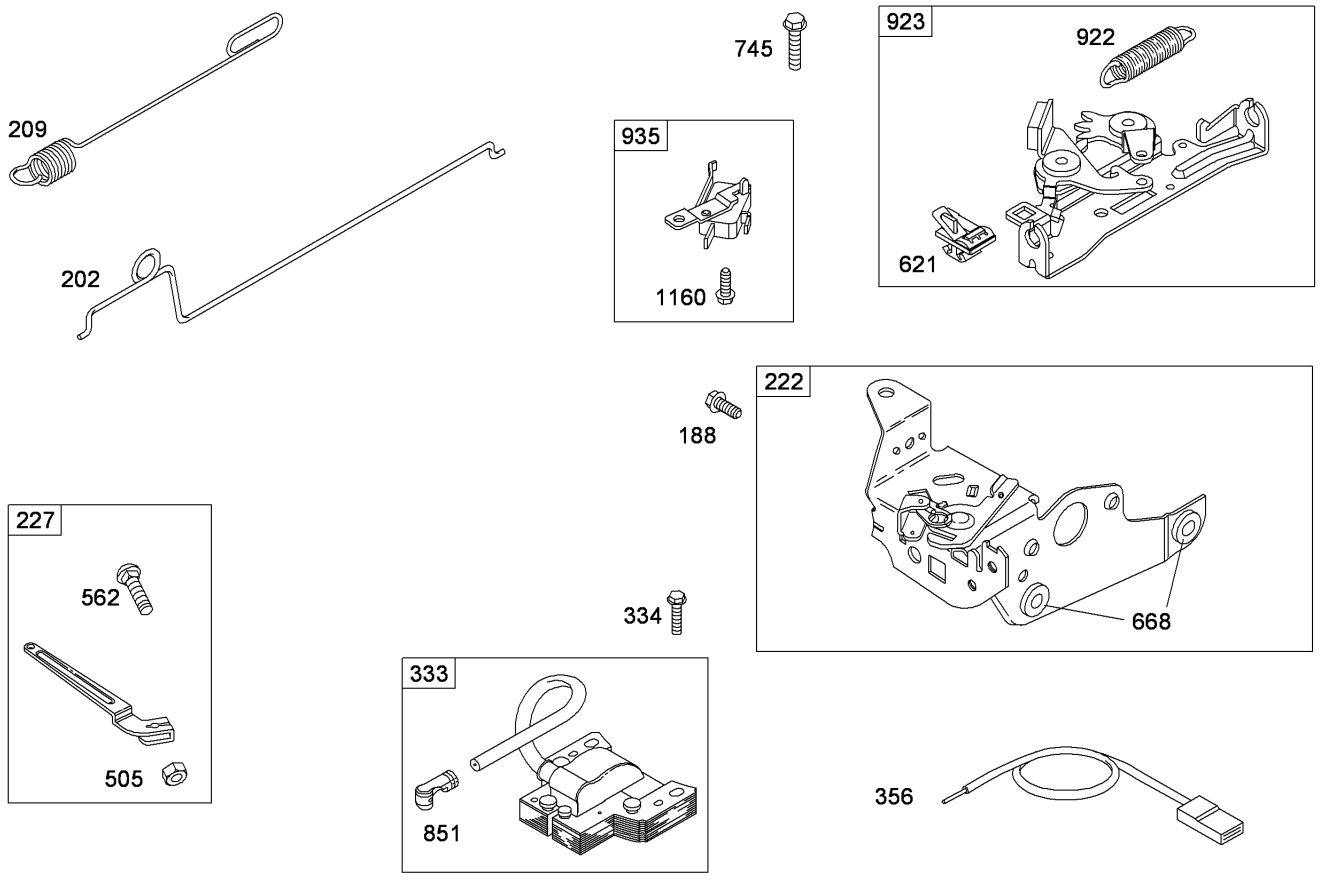
Ref	Part No.	Qty.	Description
❸97	696565	1	Shaft-Throttle
❸❹104	691242	1	Pin-Hinge, Float
❸108	790844	1	Valve-Choke
❸109	790843	1	Shaft-Choke
❸117	691428	1	Jet-Main (Standard)
❸118	498977	1	Jet-Main (High Altitude)
❸125	794304	1	Carburetor
❸❹127	694468	1	Plug-Welch
❸130	696564	1	Valve-Throttle
❸133	398187	1	Float-Carburetor
❸❹134	398188	1	Needle And Seat Kit
❸❹137 ❻	693981	1	Gasket-Bowl, Float
❸❹163 ❺❻	272653s	1	Gasket-Cleaner, Air
❸231	691636	1	Screw (Choke Valve)
❸❹276 ❻	271716	1	Washer-Sealing
❸365	692524	1	Screw (Carburetor)
❸❹617 ❻	270344s	1	Seal-O Ring (Intake Manifold)
❸❹633 ❻	691321	1	Seal-Shaft, Choke Throttle
❸❹633A ❻	693867	1	Seal-Shaft, Choke Throttle
❸975	493640	1	Bowl-Float



Assemblies include all parts shown in frames

Air Cleaner Assembly
Briggs and Stratton 126T05-0182-B1

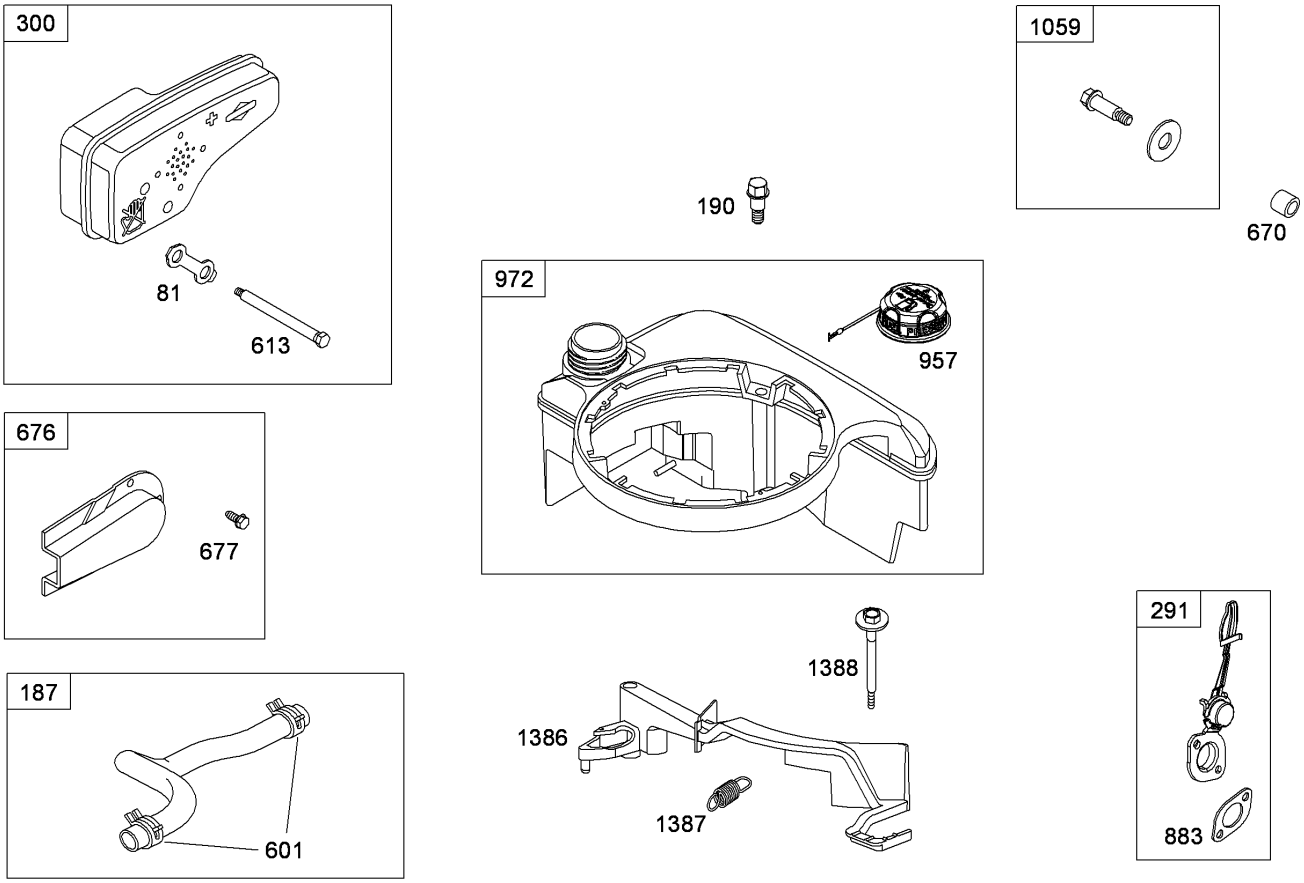
Ref	Part No.	Qty.	Description
❸❹163 ❺❻	272653s	1	Gasket-Cleaner, Air
❸425	690670	1	Screw (Air Cleaner Cover)
❸443	692523	1	Screw (Air Cleaner Primer Base)
❸445	491588s	1	Filter-Cartridge, Air Cleaner
❸529	691923	1	Grommet
❸966	792040	1	Base-Primer, Air Cleaner
❸968	692298	1	Cover-Cleaner, Air
❸976	694395	1	Primer-Carburetor



Assemblies include all parts shown in frames

Governor Assembly
Briggs and Stratton 126T05-0182-B1

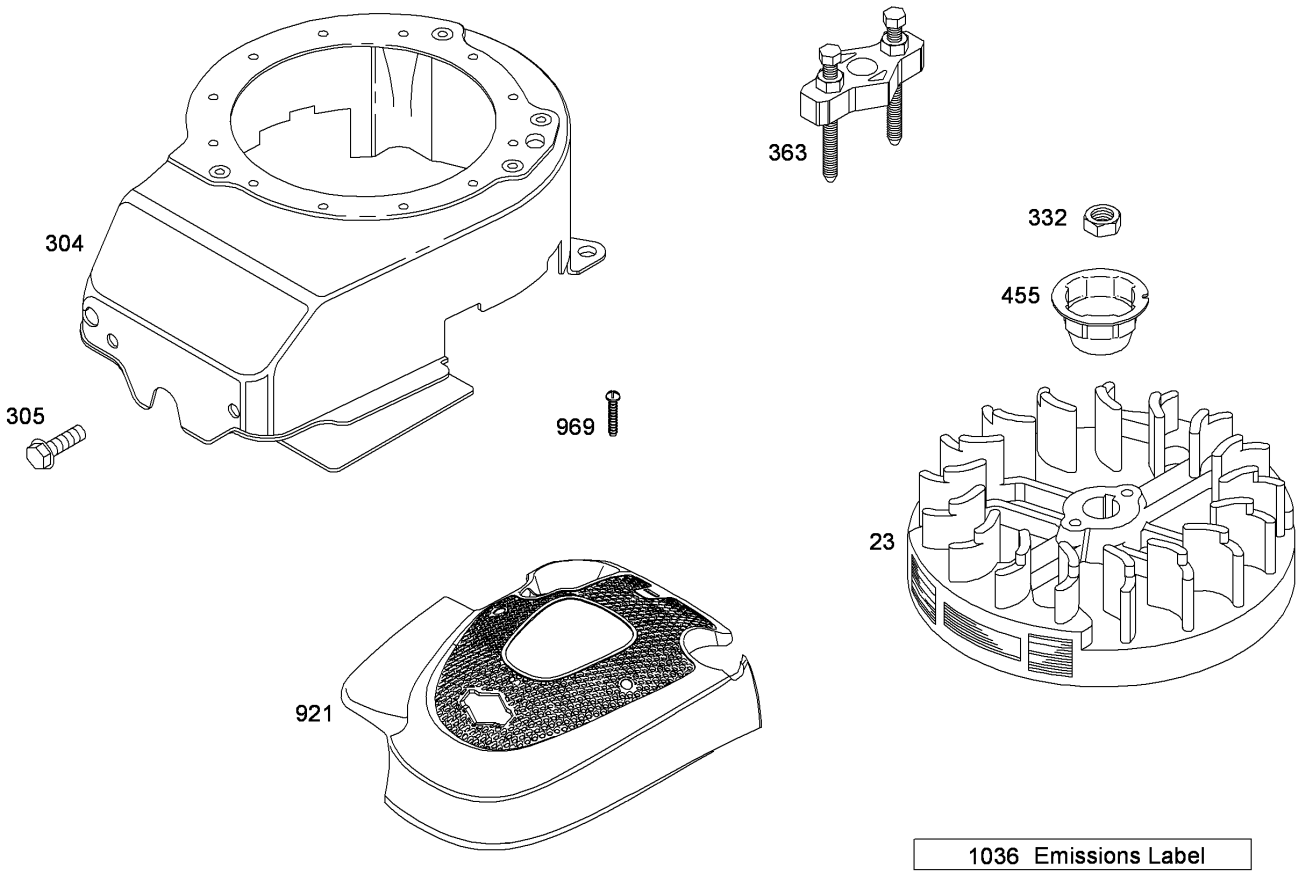
Ref	Part No.	Qty.	Description
❸188	693399	1	Screw (Control Bracket)
❸202	691829	1	Link-Governor, Mechanical
❸209	691292	1	Spring-Governor
❸222	793754	1	Bracket-Control
❸227	690783	1	Lever-Control, Governor
❸333	802574	1	Armature-Magneto
❸334	691061	1	Screw (Magneto Armature)
❸356	690791	1	Wire-Stop
❸505	691251	1	Nut (Governor Control Lever)
❸562	691119	1	Bolt (Governor Control Lever)
❸621	692310	1	Switch-Stop
❸❺668	493823	1	Spacer
❸745	691648	1	Screw (Brake)
❸851	493880s	1	Terminal-Spark Plug
❸922	691831	1	Spring-Brake
❸923	691994	1	Brake ASM
❸935	499421	1	Switch-Interlock
❸1160	691627	1	Screw (Interlock Switch)



Assemblies include all parts shown in frames

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

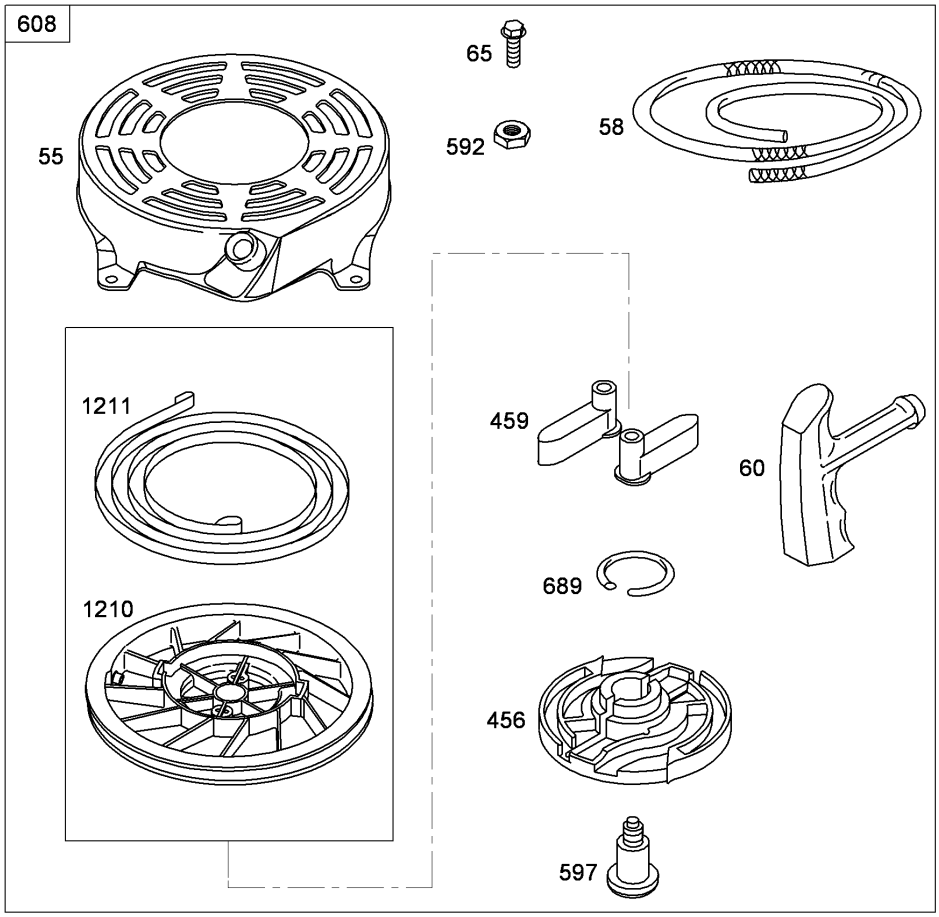
Ref	Part No.	Qty.	Description
❸81	691740	1	Lock-Screw, Muffler
❸187	791873	1	Line-Fuel (Molded) (Cut To Required Length)
❸190	690940	1	Screw (Fuel Tank)
❸291	790830	1	Thermostat
❸300	692038	1	Muffler
❸601	791850	1	Clamp-Hose
❸613	691340	1	Screw (Muffler)
❸670	692294	1	Spacer-Tank, Fuel
❸676	493871	1	Deflector-Muffler
❸677	690661	1	Screw (Muffler Deflector)
❸883	691881	1	Gasket-Exhaust
❸957	699985	1	Cap-Tank, Fuel
❸972	699374	1	Tank-Fuel
❸1059	692311	1	Screw And Washer Kit
❸1386	790848	1	Vane-Air
❸1387	790849	1	Spring-Vane, Air
❸1388	790850	1	Screw (Air Vane)



Assemblies include all parts shown in frames

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

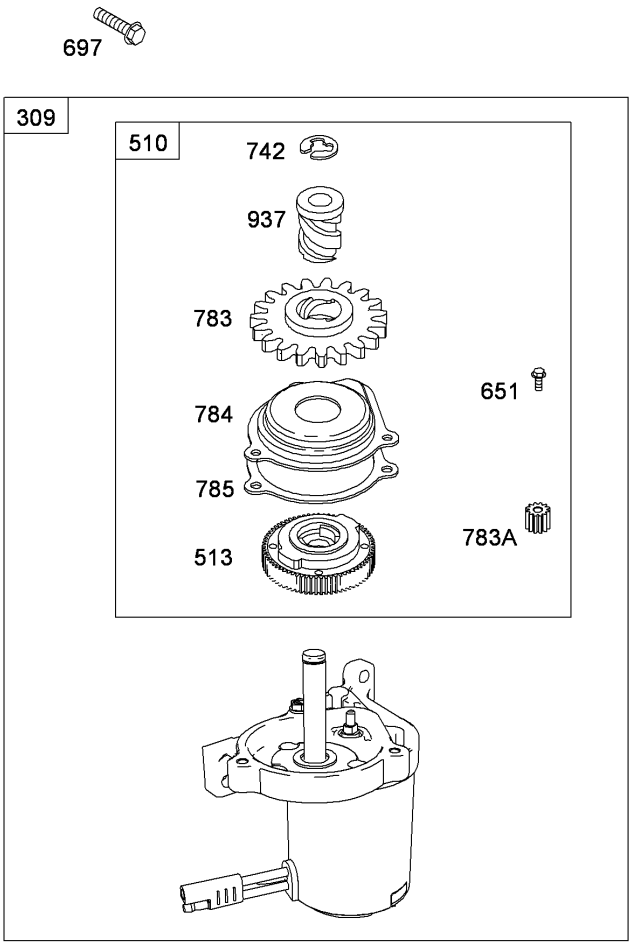
Ref	Part No.	Qty.	Description
❸23	691987	1	Flywheel
❸304	791135	1	Housing-Blower
❸305	691108	1	Screw (Blower Housing)
❸332	690662	1	Nut (Flywheel)
❸363	19069	1	Puller-Flywheel
❸455	791760	1	Cup-Flywheel
❸921	792652	1	Cover-Housing, Blower
❸969	691138	1	Screw (Blower Housing Cover)
❸1036		1	Label-Emissions



Assemblies include all parts shown in frames

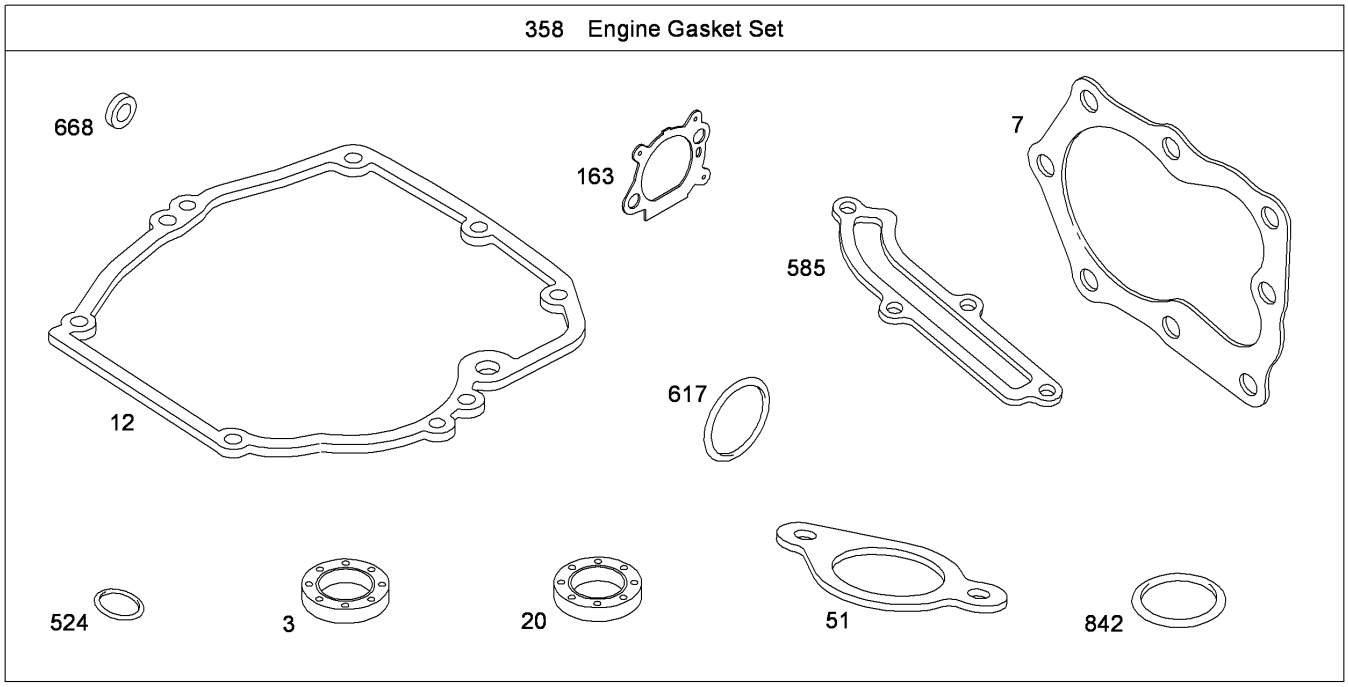
Starter Assembly
Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
❸55	691421	1	Housing-Starter, Rewind
❸58	697316	1	Rope-Starter (Cut To Required Length)
❸60		1	Grip-Starter Rope (Transfer Handle To Original Engine Or For Service Of Starter Rope Grip See Oem)
❸65	690837	1	Screw (Rewind Starter)
❸456	692299	1	Plate-Friction, Pawl
❸459	281505s	1	Ratchet-Pawl
❸592	690800	1	Nut (Rewind Starter)
❸597	691696	1	Screw (Pawl Friction Plate)
❸608	497680	1	Starter-Rewind
❸689	691855	1	Spring-Friction
❸1210	498144	1	Pulley And Spring ASM (Pulley)
❸1211	498144	1	Pulley And Spring ASM (Spring)



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

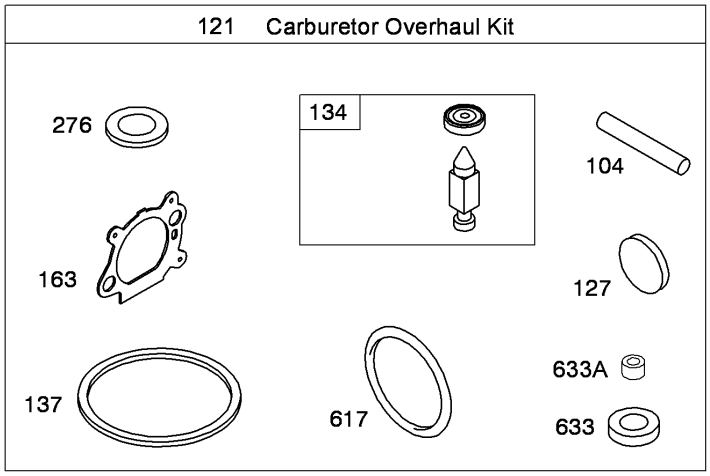
Ref	Part No.	Qty.	Description
❸309	795092	1	Motor-Starter
❸510	795093	1	Drive-Starter
❸513	692358	1	Clutch-Drive
❸651	691660	1	Screw (Starter Gear Cover)
❸697	691127	1	Screw (Drive Cap)
❸742	93941	1	Retainer-E Ring
❸783	691918	1	Gear-Pinion
❸783A	691269	1	Gear-Pinion
❸784	7950951	1	Cover-Gear, Starter
❸785	692352	1	Gasket-Cover, Starter
❸937	691325	1	Spline-Starter

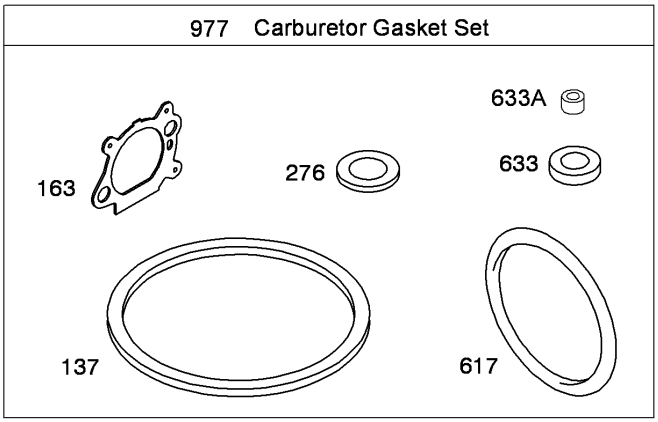


Assemblies include all parts shown in frames

Engine Gasket Set
Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
❸❺3	299819s	1	Seal-Oil (Magneto Side)
❸❺7	692249	1	Gasket-Head, Cylinder
❸❺12	692232	1	Gasket-Crankcase (.015 STD)
❸❺20	399781s	1	Seal-Oil (PTO Side)
❸❺51	794306	1	Gasket-Intake
❸❹163	272653s	1	Gasket-Cleaner, Air
❺❻			
❸358	794307	1	Engine Gasket Set
❸❺524	692296	1	Seal-O Ring (Dipstick Tube)
❸❺585	691879	1	Gasket-Passage, Breather
❸❹617	270344s	1	Seal-O Ring (Intake Manifold)
❺❻			
❸❺668	493823	1	Spacer
❸❺842	691031	1	Seal-O Ring (Dipstick)





Assemblies include all parts shown in frames

Carburetor Overhaul Kit
Briggs and Stratton 126T05-0182-B1

Ref	Part No.	Qty.	Description
❸❹104	691242	1	Pin-Hinge, Float
❸121	498260	1	Carburetor Overhaul Kit
❸❹127	694468	1	Plug-Welch
❸❹134	398188	1	Needle And Seat Kit
❸❹137 ❻	693981	1	Gasket-Bowl, Float
❸❹163 ❺❻	272653s	1	Gasket-Cleaner, Air
❸❹276 ❻	271716	1	Washer-Sealing
❸❹617 ❺❻	270344s	1	Seal-O Ring (Intake Manifold)
❸❹633 ❻	691321	1	Seal-Shaft, Choke Throttle
❸❹633A ❻	693867	1	Seal-Shaft, Choke Throttle
❸977	498261	1	Carburetor Gasket Set

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


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