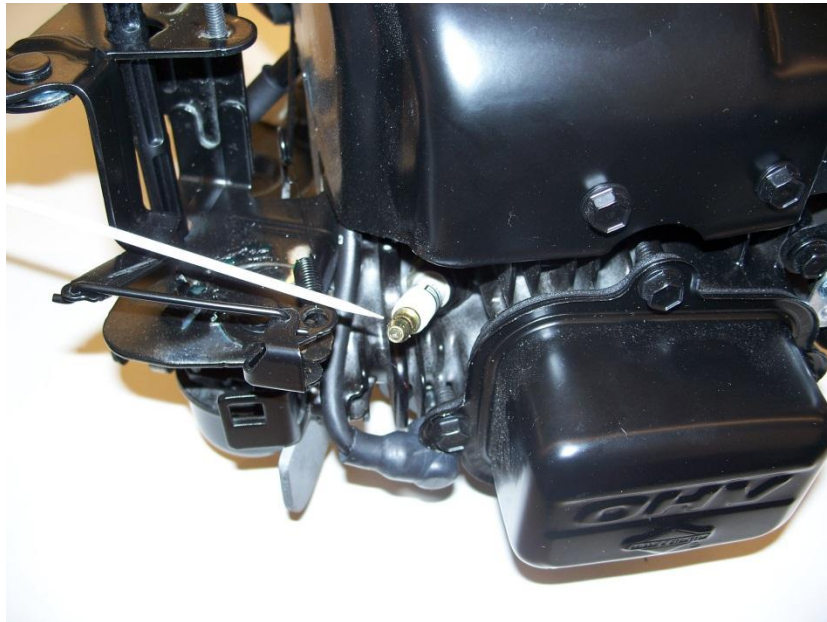


Air Cleaner Removal

Tools needed: 5/16 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove Spark Plug Boot from Spark Plug .		635 337	66538S 692051	Boot-Spark Plug Plug-Spark	3 3
Remove the Air Cleaner Cover Screw	5/16 Socket	425	690670	Screw (Air Cleaner Cover)	6
Remove the Air Cleaner Cover being careful of the tabs located on the bottom.		968	692298	Cover-Air Cleaner	6
Remove the Air Cleaner Filter Cartridge .		445	491588S	Filter-Air Cleaner Cartridge	6
Remove the <i>three</i> Air Cleaner Primer Base Screws .	5/16 Socket	443 443A	691637 692523	Screw (Air Cleaner Primer Base)	6
Remove the Air Cleaner Primer Base from the Grommet keeping the Air Cleaner Gasket attached.		966A 529A 163A	693863 691923 692667	Base-Air Cleaner Primer Grommet Gasket Air-Cleaner	6 6 6



Fuel Tank Removal

Tools needed: Flat Blade Screwdriver

5/16 Socket

3/8 Socket

Needle-Nosed Pliers

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove Rewind Guard with a flat blade screwdriver and gently feed the Starter Rope Grip through the Rewind Guard .	Flat Blade Screwdriver	930A 60A	692675 393152	Guard-Rewind Grip-Starter Rope	7 7
Remove the <u>three</u> Fuel Tank Screws .	5/16 Socket Needle - Nosed Pliers	190	690940	Screw (Fuel Tank)	4
Remove the Screw/Washer Kit from bottom of fuel tank being careful to watch for the Fuel Tank Spacer as it will fall off.	3/8 Socket	1059 670	692311 692294	Kit-Screw/Washer Spacer-Fuel Tank	4 4
Remove the Fuel Tank		972B	699387	Tank-Fuel (Plastic)	4
Remove the Fuel Line by sliding <u>two</u> Hose Clamps towards middle of Fuel Line .	Needle - Nosed Pliers	187 601	791766 791850	Line-Fuel Clamp-Hose	4 4

Oil Dipstick Tube Assembly Removal

Tools needed: 3/8 Socket Extension

5/16 Socket

Masking Tape

Service Bulletin 736

Motor Oil Guide

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove the <u>two</u> Oil Drain Plugs.	3/8 Socket Extension	15	691680	Plug-Oil Drain (Square Socket)	2
Remove Dipstick Tube Screw.	5/16 Socket	287	690940	Screw (Dipstick Tube)	2
Remove Dipstick Tube Assembly by pulling straight up.		847	692047	Diptstick/Tube Assembly	2
Cover oil fill hole with masking tape	Masking Tape				
Discuss oil	Service Bulletin Motor Oil Guide		736	Oil and Gasoline Recommendations	

Blower Housing Assembly Removal

Tools needed: 5/8 Spark Plug Socket

5/16 Socket

3/8 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove Spark Plug	5/8 Spark Plug Socket	337	692051	Plug-Spark	3
Remove the <u>two</u> Control Cover Screws .	5/16 Socket	564A	693808	Screw (Control Cover)	5
Remove the Control Cover		604A	693807	Cover-Control	5
Remove the Choke Shaft Knob by gently pulling straight up.		472	693809	Knob-Choke Shaft	5
Remove <u>four</u> Blower Housing Screws	3/8 Socket	305	691108	Screw (Blower Housing)	7
Remove the Muffler Guard Screw	5/16 Socket	836A	691147	Screw (Muffler Guard)	6
Remove the Blower Housing with attached Rewind Starter		304 608	499676 497680	Housing-Blower Starter-Rewind	7

Governor Assembly Removal

Tools needed: 3/8 Socket

Needle-Nosed Pliers

¼ Socket

5/16 Socket

3/8 Open End Wrench

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove Flywheel Guard Screw	3/8 Socket	78	691108	Screw (Flywheel Guard)	7
Remove Flywheel Guard		37	694086	Guard-Flywheel	7
Take picture of Governor Spring location		209	691290	Spring-Governor	5
Remove Governor Spring from Control Lever Bracket using a needle nose pliers but leave attached to Governor Linkage	Needle-Nosed Pliers	209	691290	Spring-Governor	5
		222B	693378	Bracket-Control	5
		202	691303	Link-Mechanical Governor	5
Remove the <u>two</u> Carburetor Screws from Carburetor	3/8 Socket	365	691136	Screw (Carburetor)	4
		125C	694505	Carburetor	4
Gently remove Carburetor tilting slightly to remove Governor Linkage from Carburetor Throttle Shaft		125C	694505	Carburetor	4
		202	691303	Link-Mechanical Governor	5
		97	499682	Shaft –Throttle (Metal)	4
Gently remove the Carburetor Spacer.		122	692799	Spacer-Carburetor	4
Remove the Mechanical Governor Link from the Governor Control Lever		202	691303	Link-Mechanical Governor	5
		227	691467	Lever-Governor Control	5
Loosen but do not remove the Governor Control Lever Nut	3/8 Open End Wrench	505	691251	Nut (Governor Control Lever)	5
Remove the Governor Control Lever		227	691467	Lever-Governor Control	5
Remove the Control Bracket Screw	5/16 socket	188	691147	Screw (Control Bracket)	5
Disconnect the Stop Wire from the Control Lever Bracket.		356	692390	Wire-Stop	5
		222B	693378	Bracket-Control	5
Remove the Cylinder Shield Screw	¼ Socket	307	690345	Screw-Cylinder Shield	2
Remove the Cylinder Shield		306	691232	Cylinder Shield	2

Magneto Armature Removal

Tools needed: ¼ Socket

Needle-Nosed Pliers

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Rotate the Flywheel so the magnets are opposite of the armature.		23	692693	Flywheel	7
Remove the <u>two</u> Magneto Armature Screws.	¼ Socket	334	691061	Screw (Magneto Armature)	5
Remove the Magneto Armature.		333	802574	Armature-Magneto	5
Remove the Stop Wire from the Magneto Armature.	Needle-Nosed Pliers	356	692390	Wire-Stop	5
Discuss Alternator option		474	691991	Alternator	5

Exhaust System Removal

Tools needed: 3/8 Socket

5/16 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove the Muffler Guard Screw	5/16 Socket	836	692198	Screw (Muffler Guard)	6
Remove the Muffler Screw	3/8 Socket	613A	691140	Screw (Muffler)	6
Remove the Muffler Guard		832	691466	Guard-Muffler	6
Remove the <u>two</u> Muffler Screws	3/8 Socket	613	691108	Screw (Muffler)	6
Remove Exhaust Screws	3/8 Socket				
Remove Muffler		300	699769	Muffler-Exhaust	6
Remove Valve Gasket		883	691893	Gasket-Valve	6

Flywheel Removal

Tools needed: 15/16 Socket

Flywheel Strap Wrench

Sharpie

Flywheel Puller

Masking Tape

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove Flywheel Nut	15/16 Socket Flywheel Strap Wrench	332	690662	Nut (Flywheel)	7
Remove Flywheel Cup		455	791960	Cup-Flywheel	7
Mark location of Flywheel Fan and Flywheel with a Sharpie	Sharpie	1005 23	691346 692693	Fan-Flywheel Flywheel	7
Remove Flywheel Fan		1005	691346	Fan-Flywheel	7
Replace Flywheel Nut		332	690662	Nut (Flywheel)	7
Remove Flywheel using Flywheel Puller	Flywheel Puller	23 363	692693 19069	Flywheel Puller-Flywheel	7 7
Remove Flywheel Key and tape to inside of Flywheel	Masking Tape	24 23	222698S 692693	Key-Flywheel Flywheel	2 7

Cylinder Head Removal

Tools needed: 3/8 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove the <u>four</u> Rocker Arm Cover Screws	3/8 Socket	914	691108	Screw (Rocker Arm Cover)	3
Remove Rocker Arm Cover and Gasket		1023 1022	499624 691890	Cover-Rocker Arm Gasket-Rocker Arm	3 3
Release spring tension on <u>two</u> Rocker Arms by sliding each to the side		1029	691230	Arm-Rocker	3
Remove the <u>two</u> Push Rods		1026	692045	Rod-Push	3
Remove the <u>two</u> Valve Caps		238	691300	Cap-Valve	3
Loosen the <u>four</u> Cylinder Head Screws but do not	3/8 Socket	13	691137	Screw (Cylinder Head)	3
Remove the Cylinder Head		5	695276	Head-Cylinder	3
Remove the Cylinder Head Gasket		7	697230	Gasket-Cylinder Head	3

Sump Cover Removal

Tools needed: 3/8 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove the <u>seven</u> Crankcase/Sump Cover Screws	3/8 Socket	22	691092	Screw (Crankcase Cover/Sump)	2
Remove the Engine Sump		4	498983	Sump-Engine	2
Inspect the Crankcase Gasket		12	692232	Gasket-Crankcase	2
Remove the Oil Slinger		43	691997	Slinger-Governor-Oil	2
Remove the Camshaft noting the timing marks		46	694039	Camshaft	2
Remove the <u>two</u> Tappets		45	690977	Tappet-Valve	3

Piston Removal

Tools needed: 5/16 Socket

Task	Tool	Ref. No.	Briggs Part No.	Description	IPL Page No.
Remove the <u>two</u> Connecting Rod Screws	5/16 Socket	32 32A	691664 695759	Screw (Connecting Rod)	2
Remove Connecting Rod Cap		29	499424	Cap (Connecting Rod)	2
Note markings on Piston					
Push Connecting Rod so Piston Assembly leaves Cylinder Assembly		29 25 1	499424 792004 692670	Rod-Connecting Piston Assembly Cylinder Assembly	2 2 2
Carefully remove Crankshaft so as not to cut the Seal		16 3	691457 299819S	Crankshaft Seal-Oil	2 2
Remove Timing Gear from Crankshaft		741	794338	Gear-Timing	2
Remove Timing Key from Crankshaft		146	690979	Key-Timing	2