

# OPERATING INSTRUCTIONS



**MODEL "6B-H"**

•  
**IMPORTANT!**

**Do not start this engine before reading Section I and Section II of this manual. It takes only a few minutes.**

Guessing how to operate this engine may cause you unnecessary inconvenience, aggravation, or failure to receive the fine performance that is built into it.

Each engine is carefully tested and adjusted at the factory before shipment and, with proper maintenance, will give you many years of satisfactory service.

•  
**SAVE THIS BOOK FOR FUTURE REFERENCE**

# IMPORTANT SAFETY INFORMATION AND INSTRUCTIONS FOR ENGINE SELECTION ENGINE INSTALLATION ENGINE OPERATION

In the USA and Canada,  
our 24 hour hotline is:

18002333723

Briggs & Stratton Corporation  
Milwaukee, Wisconsin 53201

[www.briggsandstratton.com](http://www.briggsandstratton.com)

Keep these instructions for future reference.



**Before installing and operating this engine read and observe all warnings, cautions and instructions on both sides of this sheet, on the engine, and in the operating & maintenance instructions.**

**NOTE:** This sheet of instructions and safety information is not meant to cover all possible conditions and situations that may occur. Read entire Operating & Maintenance Instructions for this engine AND the instructions for the equipment this engine powers. Failure to follow instructions and safety information could result in serious injury or death.

The safety alert symbol () is used to identify safety information about hazards that can result in personal injury.

A signal word (DANGER, WARNING, or CAUTION) is used with the alert symbol to indicate the likelihood and the potential severity of injury. In addition, a hazard symbol may be used to represent the type of hazard.

 **DANGER** indicates a hazard which, if not avoided, will result in death or serious injury.

 **WARNING** indicates a hazard which, if not avoided, could result in death or serious injury.

 **CAUTION** indicates a hazard which, if not avoided, might result in minor or moderate injury.

**CAUTION**, when used **without** the alert symbol, indicates a situation that **could result in damage to the engine.**

## HAZARD SYMBOLS AND MEANINGS



Fire



Explosion



Moving Parts



Toxic Fumes



Hot Surface



Shock



Kickback

(OVER)

FORM MS-6445-01/03

# ENGINE SELECTION

 <b>WARNING</b>

<b>Failure to select the correct engine could result in fire or explosion.</b>

- Some engines are unique and designed for specific applications or types of equipment. If this engine will be used to build new equipment, contact Briggs & Stratton to ensure that the engine is appropriate for the intended use.  
**Note: For all Go-karts use only a model 136200 series engine, which offers improved safety and performance.**
- Replacement engines should be the same model as the original engine, or be the Briggs & Stratton designated replacement engine. Refer to the Operation & Maintenance Instructions for engine identification information.  
**Note: For all Go-karts use only a model 136200 series engine, which offers improved safety and performance.**
- Do not use Briggs & Stratton engines on 3-wheel All-Terrain Vehicles (ATVs), motor bikes, air craft products, or vehicles intended for use in competitive events. Briggs & Stratton does not approve of or authorize such uses.

# ENGINE INSTALLATION

- [1] Do not attempt to install this engine if you do not have the appropriate tools and knowledge of small engine installation procedures. Use only Briggs & Stratton parts. Contact your Authorized Service Dealer for assistance.
- [2] Do not modify the engine in any way without Briggs & Stratton factory approval. Any such modification is at the owner's sole risk.
- [3] If the exhaust system on the old engine was supplied by the equipment manufacturer, you must transfer the exhaust system and related components (original muffler and related pipes, brackets, clamps, and shields) to the new engine. All components must be in good condition.
- [4] 

 <b>WARNING</b>	Install muffler (and muffler deflector if used) so outlet points away from operator, fuel tank, and equipment, and so muffler heat will not damage or deform engine and components.
	
- [5] 

 <b>WARNING</b>	Ensure all fuel lines and fittings are properly assembled and do not leak. Replacement parts must be the same model as the original.
	
- [6] 

 <b>WARNING</b>	Ensure all wiring, including safety switches and engine shut-off components are completely installed and functioning properly.
	
- [7] Set engine speed to equipment manufacturer's specification. Refer to equipment manufacturer's manual. Do not tamper with governor springs, or other parts that will increase engine speed above specification.

- [8] 

 <b>WARNING</b>	All engine parts, including fuel cap, spark plug, muffler, air cleaner, and covers and guards for drive components (gears, belts, shafts, couplings, etc.) must be in place before attempting to start engine.
	
- [9] 

 <b>WARNING</b>	If engine is installed on walk behind lawn mower, all mower components, including cutting blade, must be correctly installed before attempting to start engine.
	
- [10] 

 <b>WARNING</b>	When working on the engine or equipment, remove spark plug wire from spark plug. For electric start, remove negative wire from battery.
	
- [11] 

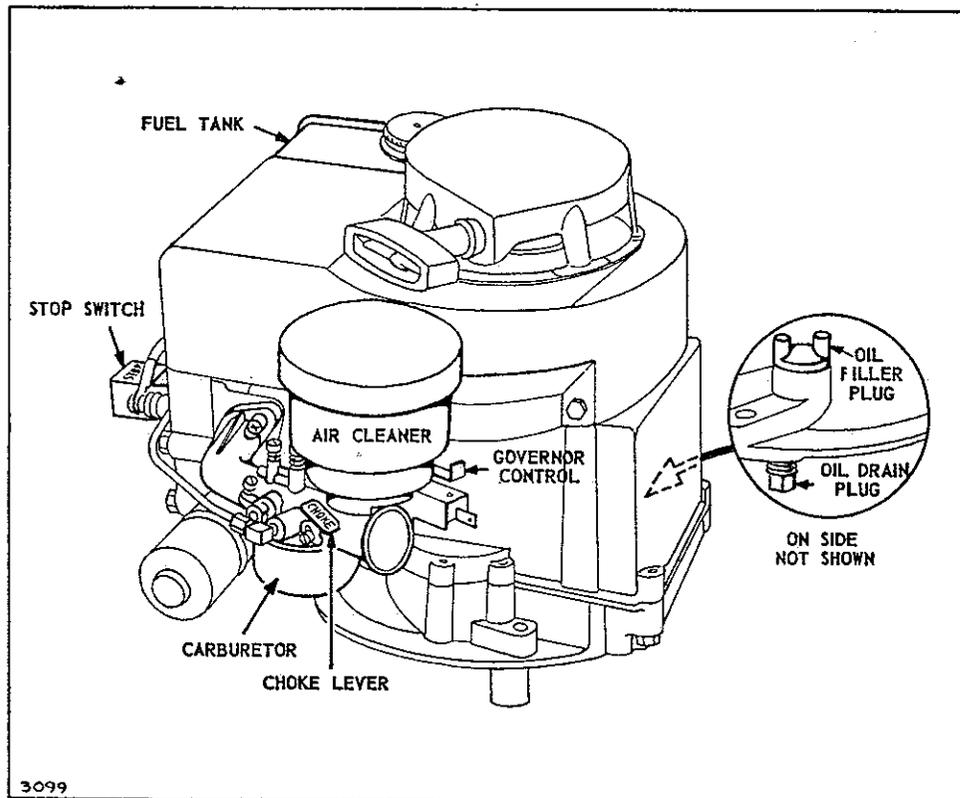
 <b>WARNING</b>	Do not check for spark with spark plug removed. Use Briggs & Stratton spark tester #19368.
	

# ENGINE OPERATION

	 <b>WARNING</b>
	<b>When adding fuel:</b>
<p>Turn engine off and let engine cool at least 2 minutes before removing gas cap.</p> <p>Fill fuel tank outdoors or in well-ventilated area. Fill tank to about 1 inch below lowest portion of neck to allow for fuel expansion.</p> <p>Keep gasoline away from sparks, open flames, pilot lights, heat, and other ignition sources.</p>	
	 <b>WARNING</b>
	<b>When starting engine:</b>
<p>Remove all external equipment/engine loads.</p> <p>Wait until spilled fuel is evaporated. Start engine outdoors.</p> <p>Pull cord slowly until resistance is felt, then pull rapidly.</p> <p>If engine floods, set choke to OPEN/RUN, place throttle in FAST and crank until engine starts.</p>	
	 <b>WARNING</b>
	<b>When operating equipment:</b>
<p>Do not tip engine or equipment at angle which causes gasoline to spill.</p> <p>Run engine outdoors. Do not run in enclosed area, even if doors or windows are open.</p> <p>Do not choke carburetor to stop engine.</p>	

## MODEL 6B-H

Be sure you are familiar with items illustrated below before operating engine. See Sections I and II of this manual for instructions.



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### CAUTION !

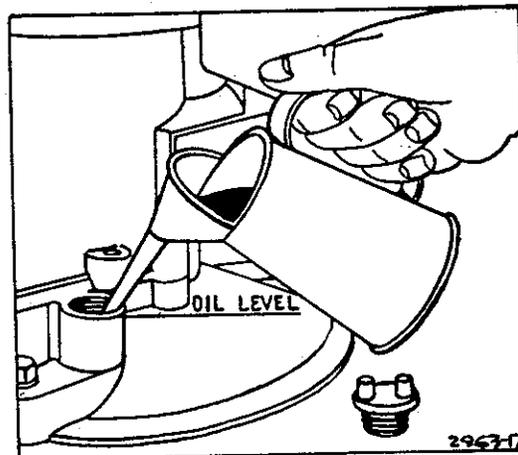
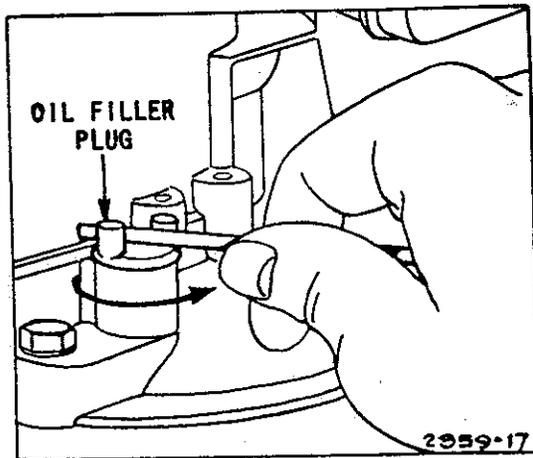
1. **PROVIDE EFFICIENT VENTILATION.** Exhaust gases contain carbon monoxide which is odorless and a deadly poison. Proper care must be taken to provide efficient ventilation.
2. **DO NOT FILL GASOLINE TANK WHILE ENGINE IS RUNNING.** Avoid spilling gasoline on a hot engine — this may cause an explosion and serious injury.
3. **KEEP ENGINE CLEAN.** This engine is air-cooled. If cooling system becomes clogged, serious damage may result. Therefore, keep the blower screen, fins on flywheel, cylinder head and cylinder free from grass or dirt.
4. When tipping engine on side for service, either carburetor or cylinder head must be in upward position to prevent loss of oil through breather tube.
5. Be sure nobody is behind you when starting engine with rope starter.
6. **ROTARY LAWN MOWERS.** Always disconnect spark plug wire from spark plug before moving mower blade when cleaning under mower deck or sharpening blade.

# SECTION 1

## BEFORE STARTING

### Fill Oil Sump With Oil

Remove the oil filler plug located on the top of the oil sump.



Place the engine level. Fill the oil sump to overflowing. Capacity  $1\frac{1}{4}$  pints. Replace the filler plug.

High quality engine oils bearing the American Petroleum Institute classification "For Service MS" should be used in your Briggs & Stratton engine.

*Above 32°F*

Mobiloil Arctic SAE 20-20W  
or equivalent

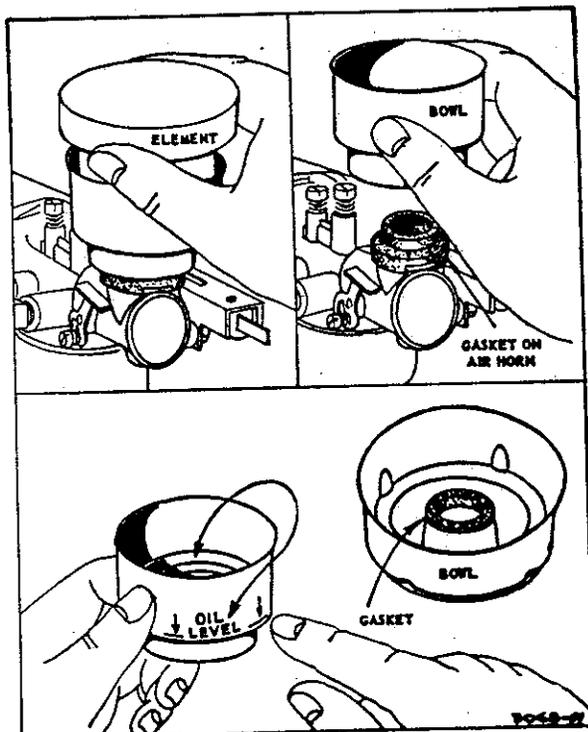
*Below 32°*

Mobiloil SAE 10W  
or equivalent

The use of special additive compounds or oils not labeled "For Service MS" is not recommended.

### Put Oil In Air Cleaner

Air cleaner protects engine by removing grit and dirt from air entering carburetor. Use same grade oil as in crankcase. Turn filter element counterclockwise to unscrew. Lift off filter element. Lift off bowl. Pour oil in small bottom part of bowl to "OIL LEVEL" mark at end of arrows. Replace bowl on carburetor. Replace filter element and turn clockwise until snug. Be sure gaskets are in place.



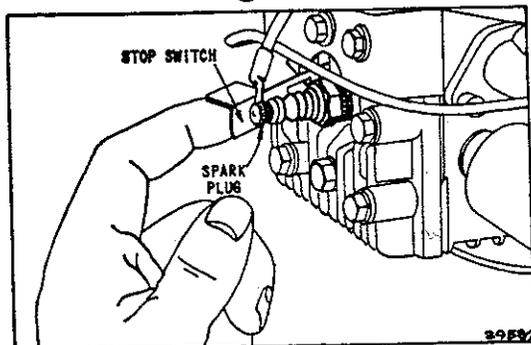
### Fill Fuel Tank

Use a good grade of regular, clean, fresh gasoline such as Mobilgas. *Never use gasoline that has been standing in a can for several months as gum may form under such conditions and clog the carburetor, fuel tank, etc.* See that vent hole in cap is open. **DO NOT MIX OIL WITH GASOLINE.**

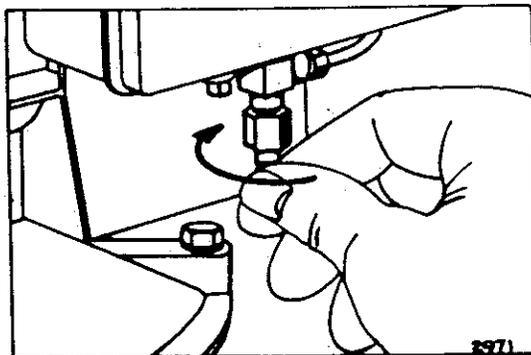
## SECTION II

# STARTING AND STOPPING

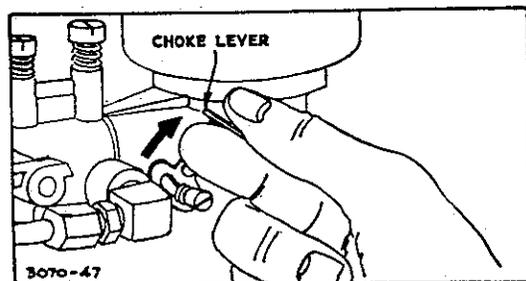
### To Start Engine



1. Be Sure the Stop Switch Is Away From Spark Plug



2. Open Fuel Valve Under Fuel Tank

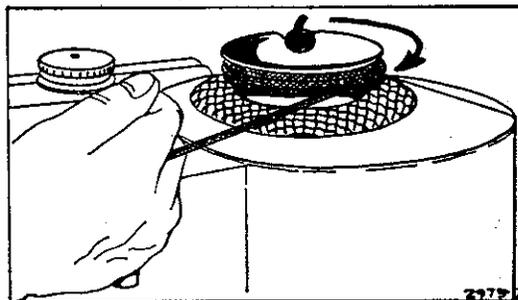


3. Choke Carburetor

Move lever in direction of arrow to fully closed choke position. Set governor control in normal operating position.

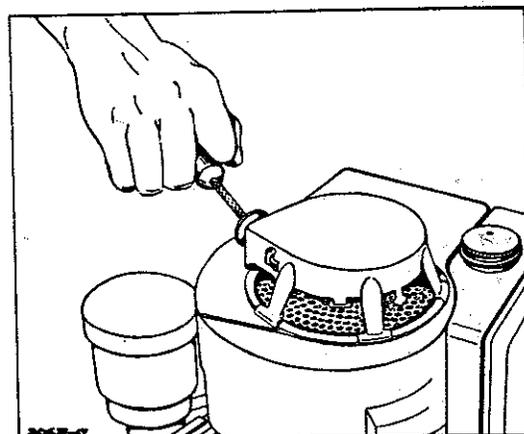
*Note:* A warm engine requires less choking than a cold engine. A warm engine will usually start without choking if governor control is in idle (slowest operating speed) position.

### Rope Starter

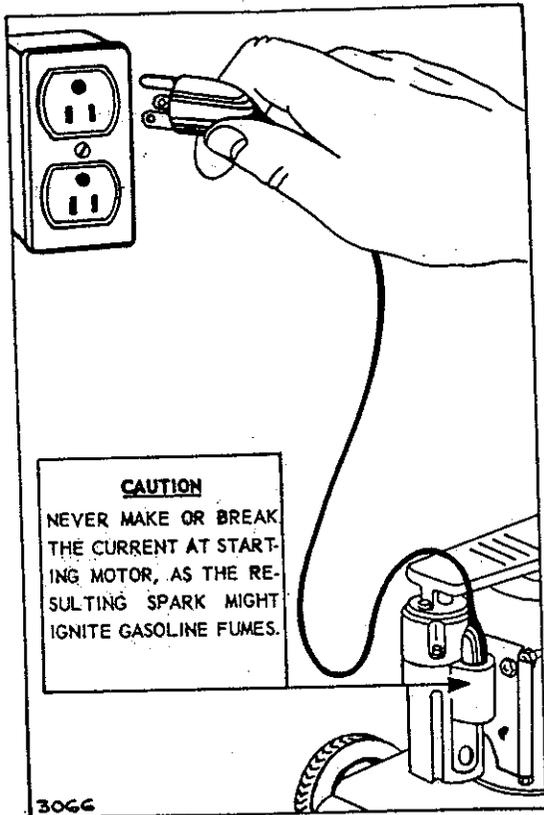


Wind the starter rope around the pulley in direction shown by arrow. Then turn the pulley in the opposite direction (counterclockwise) until compression is felt. Pull the rope with a quick full arm stroke. Repeat if necessary with choke opened slightly. When engine starts open choke gradually.

### Rewind Starter



Pull rope slowly until starter clutch engages, then pull until the resistance of compression is felt. Continue to pull slowly about 2 or 3 inches until compression ceases. Allow starter rope to recoil and again pull out slowly until starter clutch engages. Then pull with a quick full arm stroke to start engine. Hold starter grip and allow rope to recoil. Repeat if necessary with choke opened slightly. When engine starts open choke gradually.



## Electric Starter

Attach electrical cord to engine starting motor. To start engine, plug starter cord into wall receptacle. When engine starts, remove plug from wall receptacle. Open choke gradually. Detach cord at engine.

*Note:* Do not run the starter motor continuously for more than sixty seconds at a time. If the engine does not start after two or three attempts, open choke wide, wait a few seconds, then repeat.

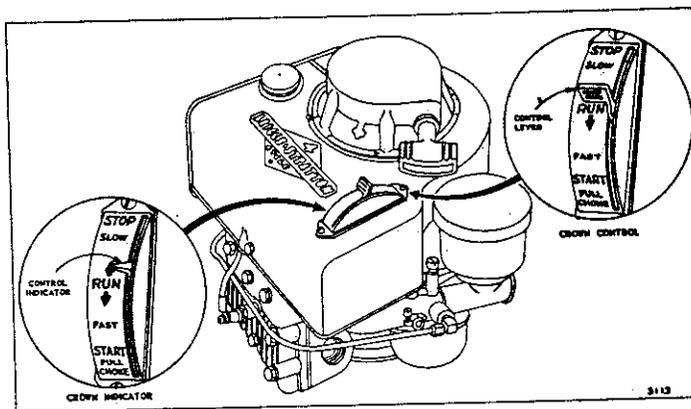
## To Stop Engine

Push the stop switch against the end of spark plug.

## CROWN SERIES INSTRUCTIONS

These instructions apply only to engine models equipped with a *Crown Control*, or with a *Crown Indicator* used with a remote control (see illustrations).

In addition, some engines are installed on equipment using a remote control on which the position indicator is on the remote control handle or lever.



### To Start Cold Engine

Move control to FULL CHOKE position.

Pull starter cord rapidly to start engine.

If engine does not start after several attempts, move control to START position and pull starter cord rapidly.

### To Start Warm Engine

Move control to START position and pull starter cord rapidly.

### Operating Engine

When engine starts, move control to desired operating speed in the RUN position.

### To Stop Engine

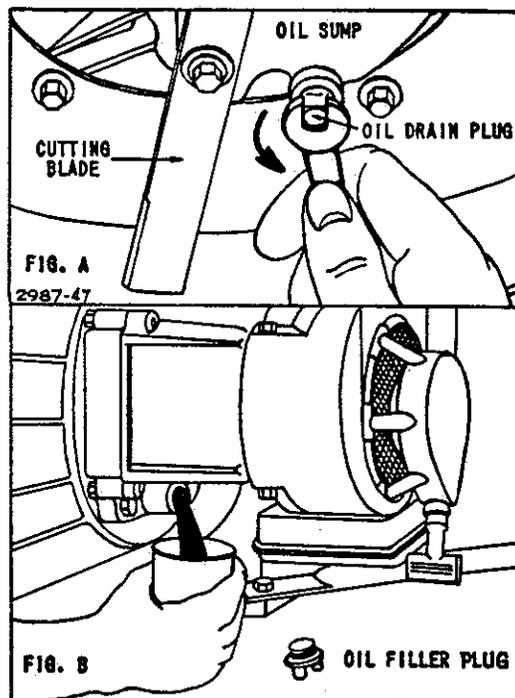
Move control to the stop position.

## SECTION III

# REGULAR MAINTENANCE

### Change Oil (Oil Sump)

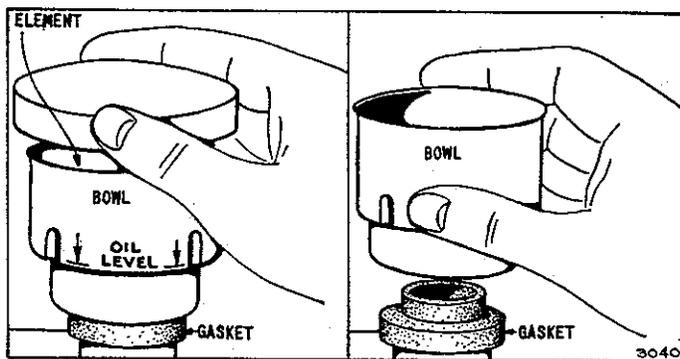
Change oil after first 5 hours of operation *while engine is warm*. The oil drain plug is on bottom of oil sump. When draining by tipping or tilting engine, first remove air cleaner. Engine may then be drained through oil drain (Fig. A) or oil filler opening shown in Fig. B. Be sure to replace drain plug, oil filler cap, and air cleaner. Add oil regularly after each 5 hours of operation. Thereafter change oil every 25 hours of operation *while engine is warm*.



### Clean the Air Cleaner

Clean and refill the air cleaner frequently (every few hours under extremely dusty conditions). Clean and refill at least every 25 hours under normal conditions.

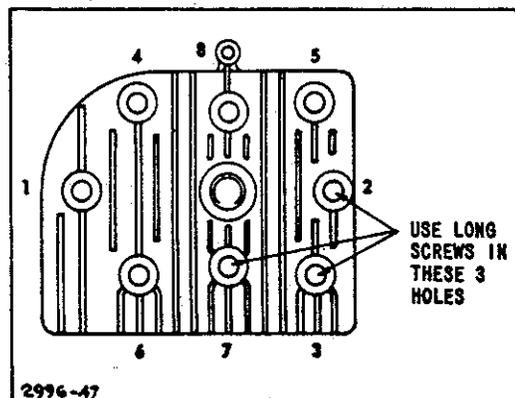
1. Turn filter element counter-clockwise to unscrew. Lift off filter element.
2. Lift off bowl. Pour out old oil.
3. Wash the filter element and bowl by swishing in gasoline and shake or wipe dry.
4. Pour oil in small bottom part of bowl to "OIL LEVEL" mark shown at end of arrows. Replace bowl on carburetor.



5. Replace filter element and turn clockwise until snug. Be sure gaskets are in place.

### Cylinder Head — Combustion Chamber Clean-Out

This industrial engine generally operates at constant speed and at relatively constant load. The use of regular automotive fuels under these conditions results in a gradual build-up of Tetra-Ethyl Lead deposits in the combustion chamber. This causes the engine to lose power and prevents the valves from seating properly. Removing the deposits is easy and will pay big dividends in reliability and increased valve life.



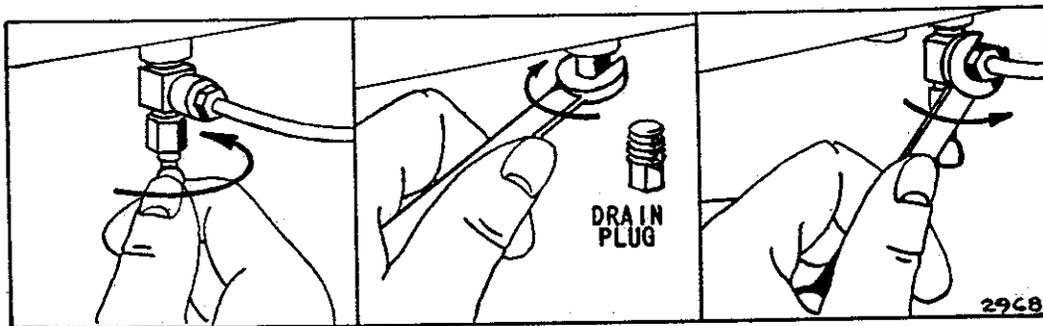
## SECTION III

# REGULAR MAINTENANCE (Cont'd)

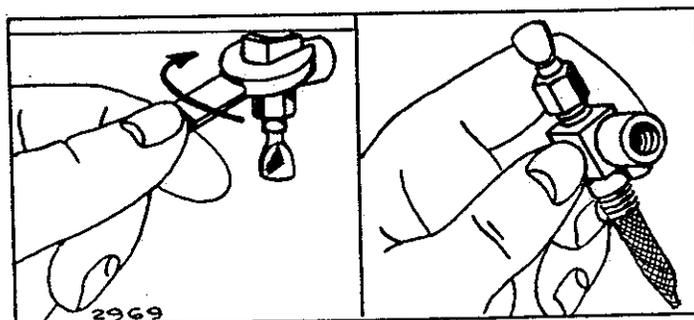
### **Clean Combustion Chamber Every 100-300 Hours of Operation**

1. Remove cylinder head screws. Be sure to note if screws are of different length and have steel washers as they must be replaced in original position.
2. Turn crankshaft until piston is at top of cylinder bore and both valves are closed. Scrape and wire brush the lead and carbon deposits from cylinder head combustion chamber, top of piston, and around both valves.  
Blow off or use soft brush to remove loose deposits.
3. Re-use cylinder head gasket only if in good condition. Replace cylinder head, gasket, head cover, washers and head screws. Turn each screw in with wrench until screw head is lightly seated.
4. Use socket wrench with 6" handle and turn all screws  $\frac{1}{4}$  turn. Tighten screws in sequence illustrated. Run engine approximately 5 minutes and retighten all screws *snugly* (approximately  $\frac{1}{4}$  turn). Always tighten evenly in sequence shown to avoid warping cylinder head.

### **Draining Fuel Tank and Cleaning Fuel Filter**



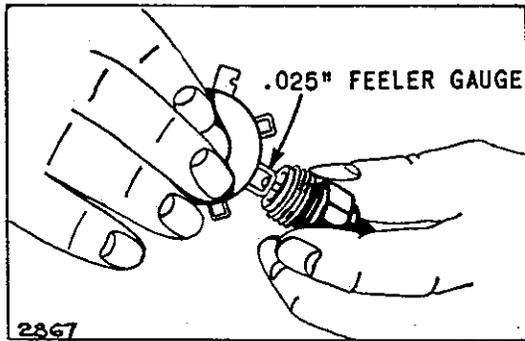
1. *Close Fuel Valve*
2. *Remove Fuel Tank Drain Plug*
3. *Detach Fuel Pipe*



4. *Remove Fuel Filter From Fuel Tank*
5. *Clean With Gasoline. Screen Not Removable. Replace Filter, Pipe Plug, and Fuel Line.*

## SECTION III

# REGULAR MAINTENANCE (Cont'd)



### To Check Spark Plug Gap

Spark plug is 14mm (USE CHAMPION J-8 OR EQUIVALENT). Keep a fresh plug on hand. Clean and reset the gap at .025" every 100 hours of operation. Use some graphite grease on threads when replacing spark plug.

## STORAGE INSTRUCTIONS

Engines stored any length of time should be completely drained of fuel to prevent gum deposits forming on essential parts such as the carburetor, fuel filter, fuel lines, and tank.

Such deposits may affect the operation of the engine when again used. Therefore, it is important that the following instructions be adhered to before storing the engine:

- Remove fuel tank drain plug. Open fuel valve. Drain tank completely.
- Operate engine until it stops from

exhaustion of fuel to clean gasoline out of carburetor.

- While the engine is still warm, drain and clean the crankcase. Refill with fresh oil.
- Replace fuel tank drain plug.
- Leave fuel valve open.
- Remove spark plug, pour one ounce of S.A.E. No. 20 oil into cylinder and crank slowly to spread oil. Replace spark plug.
- Clean dirt and chaff from cylinder and cylinder head fins, blower housing, etc.

## SECTION IV

# ADJUSTMENTS

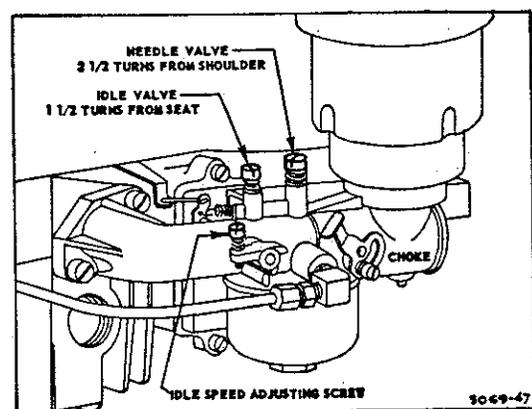
### Carburetor Adjustments

#### Initial Adjustment

Close the needle valve and then open it  $2\frac{1}{2}$  turns. Close idle valve and then open it  $1\frac{1}{2}$  turns. This initial adjustment is necessary only to enable the engine to be started and run for several minutes to warm up before making final adjustment.

#### Final Adjustment

Turn needle valve in (clockwise) until engine misses (lean mixture), then turn needle valve out (counterclockwise) until engine runs unevenly (rich mixture). Now,



## SECTION IV

# ADJUSTMENTS (Cont'd)

turn needle valve to the mid-point between lean and rich so the engine runs smoothly.

Turn idle speed adjusting screw until fast idle is obtained (1750 R.P.M.). Hold throttle in idle position and turn idle valve in (lean) and out (rich) until engine idles smoothly. Then reset idle speed adjusting screw so that engine idles at 1750 R.P.M. Release throttle — engine should accelerate without hesitation or sputtering. If engine does not accelerate properly the carburetor should be re-adjusted — usually to a slightly richer mixture.

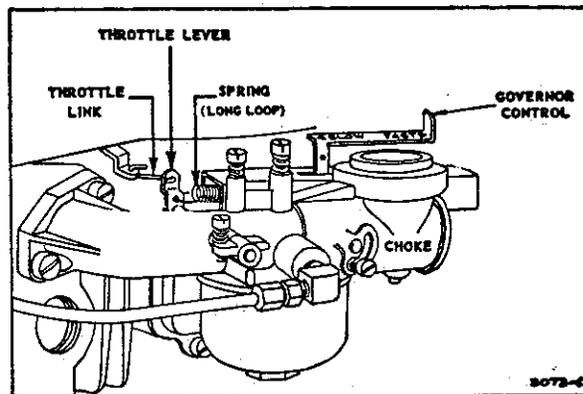
### Governor Adjustments

The correct operating speed range is 2200 to 3600 R.P.M. Idle speed is 1750 R.P.M.

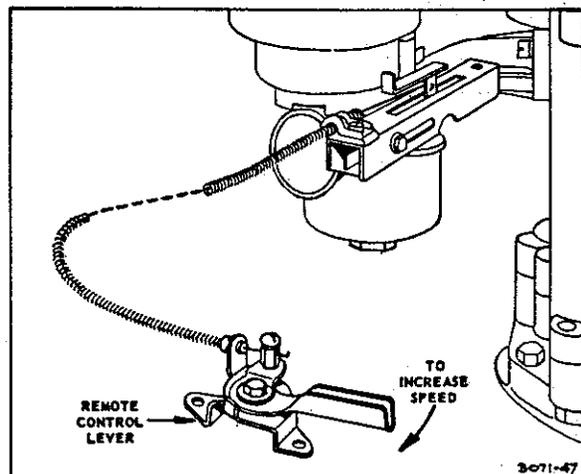
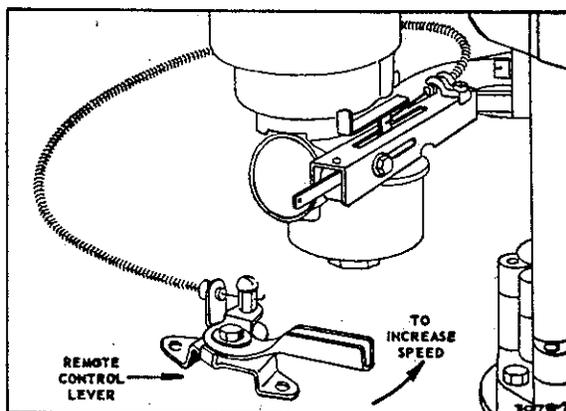
There are two different types of speed controls on these engines. Parts may be deleted or special hookups used on special models.

#### 1. Manual Friction-Type Governor Control

To change engine speed, pull governor control rod out to increase speed and push in to decrease speed. Governor link must always be in the outer hole of throttle lever on carburetor and larger loop of governor spring in the hole closest to throttle shaft.



#### 2. Remote Governor Control



Engine speed is controlled by movement of the control lever as shown. Move remote control lever to HIGH speed position. Loosen screw on swivel. Move wire through swivel until desired operating speed is obtained. Retighten swivel screw, bend loose end of wire around swivel. Cut off excess wire.

## SECTION IV

# ADJUSTMENTS (Cont'd)

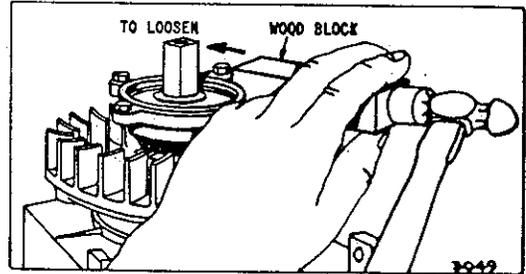
### To Adjust and Clean Contact Points

Blower housing, flywheel, and magneto point dust cover must be removed.

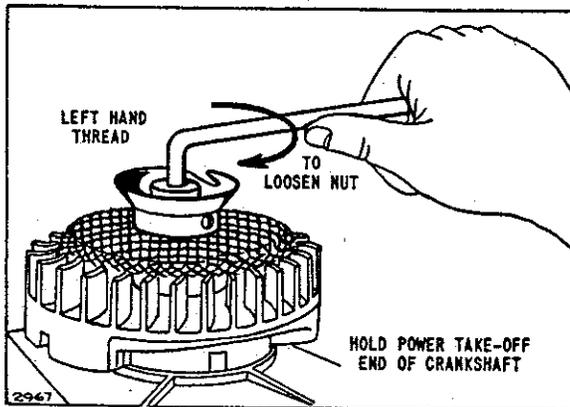
### To Remove Flywheel

#### Recoil Starter

Take off blower housing with starter attached. Remove 4 screws and screen from clutch housing. Replace screws in clutch housing. Hold the power take-off end of crankshaft to prevent rotation, or use Flywheel Holder No. 19059. Place a block of wood in close against one of the screw lugs. Use a hammer and drive clutch housing to the LEFT to loosen it or use Starter Clutch Wrench Nos. 19114 or 19161.



#### Rope Starter

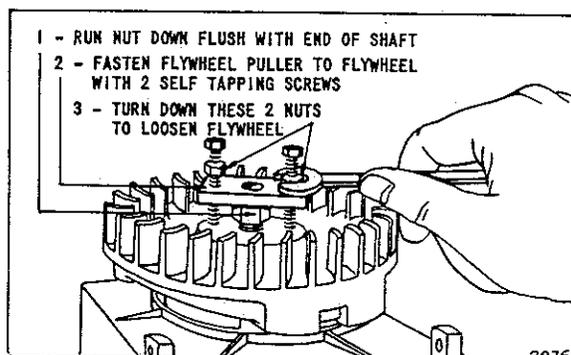


Remove blower housing. Hold the power take-off end at crankshaft to prevent rotation, or use Flywheel Holder No. 19059. Use a large wrench. Turn to RIGHT to loosen nut. Crankshaft has LEFT hand thread.

#### Never Try to Pry Off Flywheel

After removing nut, washer and pulley, loosen flywheel by using Flywheel Puller No. 19069. Pull off flywheel. Save key.

### To Remove Flywheel With Flywheel Puller

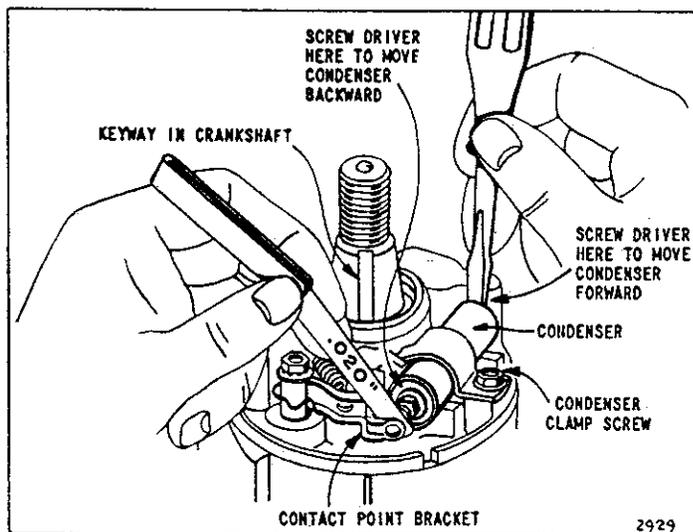


Screw the nut back on shaft until it is flush with threads. Fasten flywheel puller to flywheel by screwing two self-tapping screws into holes provided in flywheel. Turn down the two nuts gradually until flywheel is loosened. Pull off flywheel. Save key.

## SECTION IV

# ADJUSTMENTS (Cont'd)

### To Adjust and Clean Contact Points



Remove dust cover. Points must be clean and line up squarely to make good contact. Do not file points—use fine sandpaper or hone to dress the points. Turn the crankshaft until points open to widest gap, or until keyway on crankshaft lines up with the plunger. Tighten the condenser clamp screw. Move condenser forward or backward with screwdriver until gap of .020" is obtained. If either or both points become

badly pitted or burned, replace with complete new Contact Point Bracket and Condenser. Replace dust cover.

### To Reassemble Flywheel

Clean flywheel hole and tapered end of crankshaft thoroughly. Place keyway of crankshaft up. Put flywheel on shaft and align keyways. Insert the key into keyways and push it securely into place. (If key is partially sheared or damaged, replace with a new Briggs & Stratton Key No. 61760. This is a soft metal key.) **DO NOT USE A STEEL KEY.**

### Rewind Starter

Put the spring washer on the crankshaft with hollow side against flywheel. Then screw on the clutch housing (RIGHT hand thread). Hold the power take-off end of crankshaft. Place a block of wood in close against one of the screw lugs on clutch housing. Use heavy blows with the hammer to tighten clutch housing, or use Starter Clutch Wrench Nos. 19114 or 19161. Replace screen and then blower housing with starter.

### Rope Starter

Reassemble pulley and washer with hollow side next to pulley. Put on nut. Hold power take-off end of crankshaft, or use flywheel holder No. 19059. Apply pressure on wrench—seventy pounds at end of 10" handle—to tighten nut.

*Note:* Flywheel key may shear if nut or clutch housing are not properly tightened. All Briggs & Stratton Service Organizations are equipped with special tools to tighten nut and clutch housing.

## SECTION IV

# ADJUSTMENTS (Cont'd)

### GENERAL INFORMATION

This engine is a single cylinder, L-Head air-cooled type; bore  $2\frac{5}{16}$ " and stroke  $1\frac{1}{2}$ ". It is rated at:

1.30 H.P. at 2200 R.P.M.

1.86 H.P. at 2900 R.P.M.

2.25 H.P. at 3600 R.P.M.

The horsepower ratings listed above are established by standard I.C.E.I. procedures. For practical operation, the horsepower loading should not exceed 85 per cent of these ratings. Engine power will decrease  $3\frac{1}{2}$  per cent for each 1,000 feet above sea level, and 1 per cent for each 10 degrees above 60 degrees F.

### IMPORTANT NOTICE

This book includes only necessary information for running your engine. Unless you have a thorough knowledge of internal combustion engines and proper tools, we do not recommend that you attempt to make major engine repairs. This does not mean that you shouldn't make necessary adjustments and simple repairs. For parts and service we advise you to get in touch with the nearest member of our Nation-wide Service Organization.



See yellow pages of your classified telephone directory for nearby engine service under heading "Engines — Gasoline" or "Gasoline Engines."

# SECTION V

## PARTS INDEX

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. . .

### HOW TO FIND THE CORRECT NUMBER OF THE PART YOU NEED

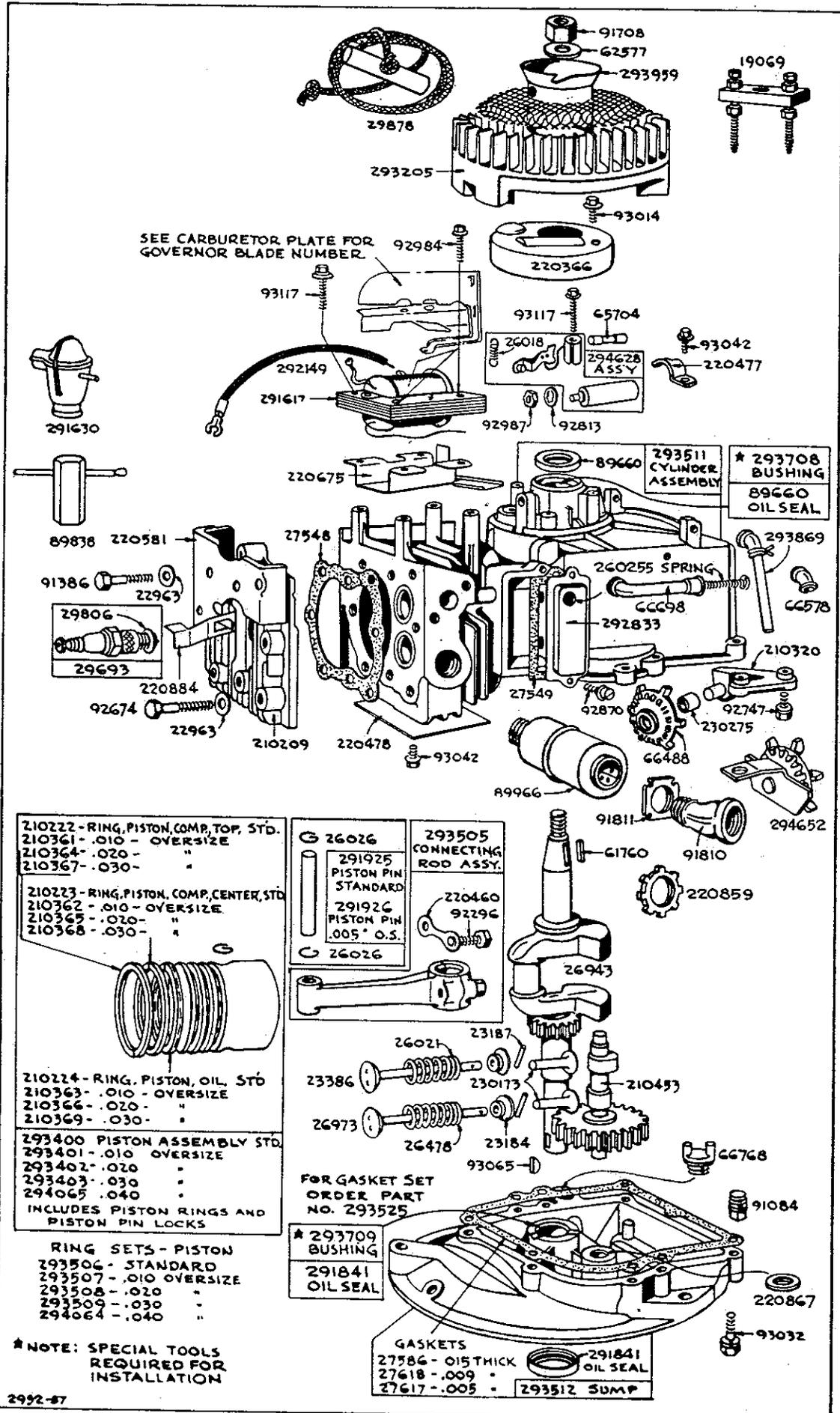
- A. Refer to Engine Model, Type, and Serial Number that is stamped on the blower housing and record below.

This engine is:

MODEL \_\_\_\_\_ TYPE NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_

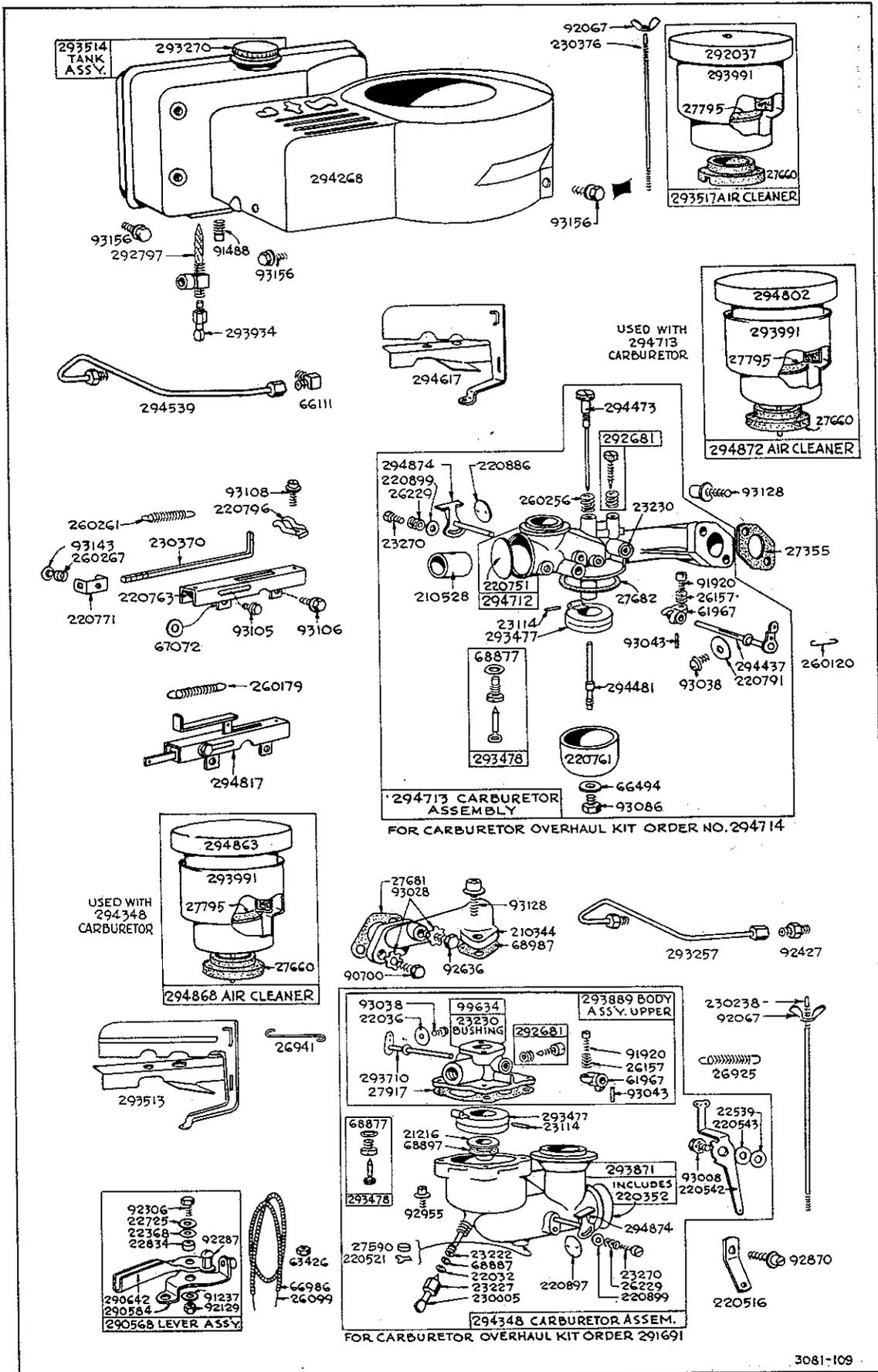
- B. Refer to Illustrated Parts section and compare your old part with illustrations. The number on the illustrations is the Master Part Number. Assemblies include all part numbers shown in frames. All parts shown in assembly frames on which part numbers are given can be purchased separately also.
- C. After the Master Part Number has been identified, refer to the Numerical Parts List, where these Master Parts Numbers are listed. **THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE."**
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If your Type Number is listed under "Note," order the part referred to.
- E. If your engine Type Number does not appear after any part number listed under "Note," order the Master Part Number.
- F. When ordering parts, or writing for service information, always specify the Model — Type Number — Serial Number of your engine.
- G. All parts should be ordered from the nearest member of our Authorized Service Organization. (See back cover.) When ordering parts by mail, selling prices will be furnished on request or parts will be shipped at prevailing prices.

PARTS SECTION



CYLINDER, PISTON, CONNECTING ROD, CRANKSHAFT, FLYWHEEL AND MAGNETO PARTS - Assemblies include all parts shown in frames.

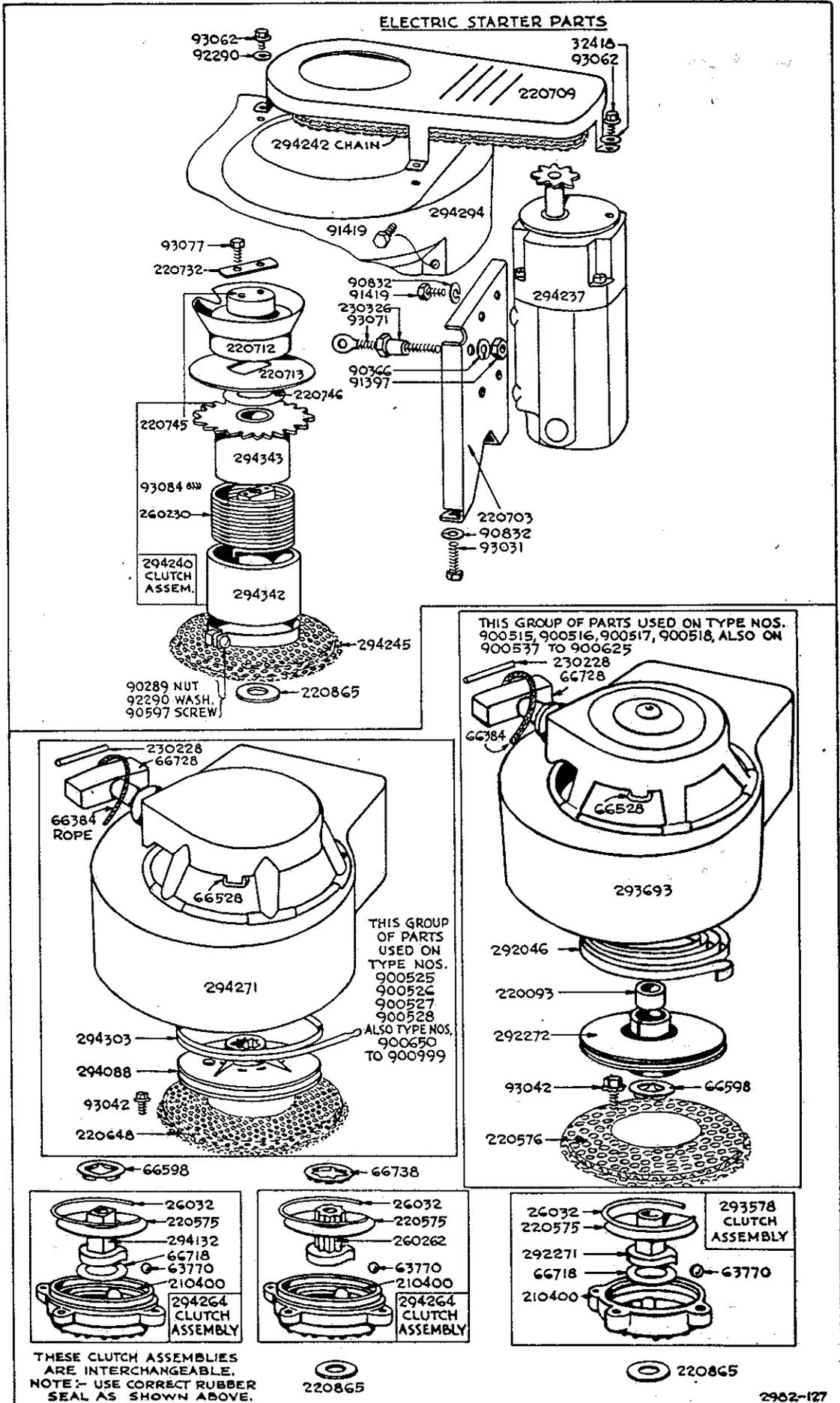
PARTS SECTION



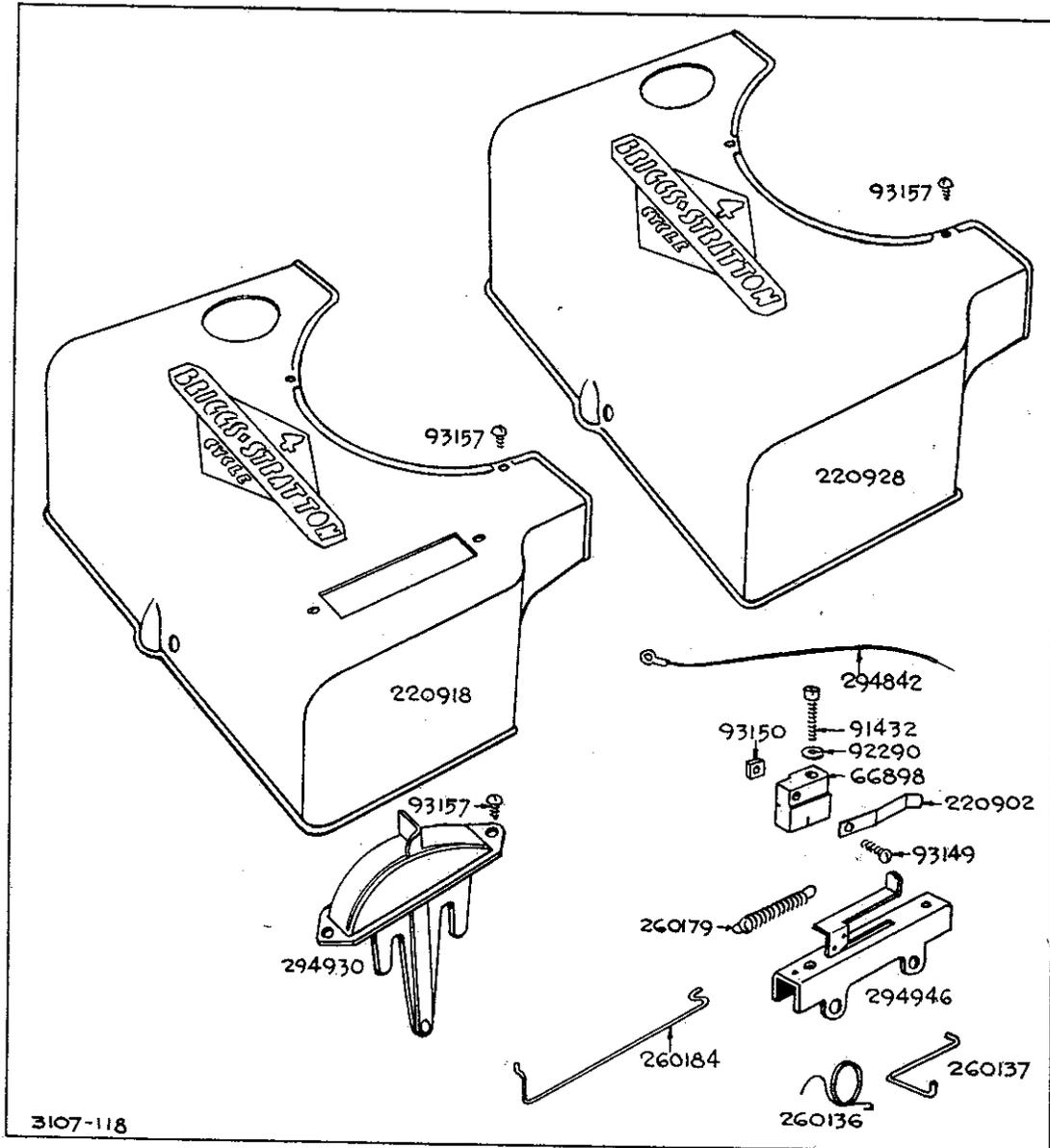
FUEL SYSTEM AND BLOWER HOUSING PARTS  
Assemblies include all parts shown in frames.

PARTS SECTION

ELECTRIC STARTER PARTS



PARTS SECTION



**CROWN AND CONTROL PARTS**  
Assemblies include all parts shown in frames.

PARTS SECTION

NUMERICAL PARTS LIST

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
19069	Puller—Flywheel (Optional Accessory) .....		8
21216	Venturi—Carburetor .....		1
†22032	Washer—Needle Valve Packing .....		1
22036	Valve—Throttle .....		1
22368	Washer—Control Lever .....		1
22539	Washer—Governor Control Lever .....		1
22725	Washer—Control Lever .....		1
22834	Washer—Spacer .....		1
22963	Washer—Cylinder Head .....		1
‡23114	Pin—Float Hinge .....		1
23184	Retainer—Valve Spring .....		1
23187	Pin—Valve Spring Retainer .....		1
†23222	Nozzle—Carburetor .....		1
†23227	Nut—Needle Valve Packing .....		1
23230	Bushing—Throttle Shaft .....		1
23270	Screw—Choke Lever .....		1
23386	Valve—Intake .....		1
26018	Spring—Breaker Arm .....		1
26021	Spring—Intake Valve .....		1
26026	Lock—Piston Pin .....		1
26032	Spring—Clutch Retainer .....		1
26099	Wire—Control, 54" Long .....		2
	<i>Note:</i> If longer wire is needed, specify length by inches; if shorter wire is needed, order No. 26099 and cut to required length.		
†26157	Spring—Throttle Adjustment .....		1
26229	Spring—Choke Lever .....		1
26478	Spring—Exhaust Valve .....		1
26925	Spring—Governor (Use only with Carburetor No. 294348).....		1
26941	Link—Governor (Use only with Carburetor No. 294348).....		1
26943	Crankshaft .....	1	
	<i>Note:</i> No. 26976 Crankshaft .....	1	
	Used on type Nos. 900511, 900535, 900542, 900547, 900549, 900556, 900564, 900578, 900579, 900607, 900611, 900811, 900904.		
	No. 26977 Crankshaft .....	1	
	Used on type Nos. 900512, 900533, 900540, 900543, 900624, 900626, 900812, 900834.		
	No. 26978 Crankshaft .....	1	
	Used on type Nos. 900513, 900545, 900563, 900598, 900602, 900618, 900813, 900907, 900947, 907058.		
	No. 26980 Crankshaft .....	1	
	Used on type Nos. 900515, 900520, 900525, 900537, 900541, 900560, 900561, 900572, 900576, 900580, 900584, 900588, 900591, 900592, 900604, 900612, 900614, 900620, 900621, 900623, 900650, 900651, 900656, 900657, 900662, 900664, 900666, 900669, 900671, 900673, 900674, 900681, 900684, 900686, 900690, 900692, 900694, 900695, 900700, 900701, 900702, 900704, 900705, 900706, 900707, 900709, 900711, 900714, 900717, 900719, 900720, 900722, 900723, 900724, 900725, 900726, 900729, 900734, 900735, 900741, 900742, 900745, 900746, 900751, 900752, 900815, 900820, 900836, 900837, 900840, 900842, 900845, 900847, 900850, 900851, 900852, 900853, 900854, 900858, 900861, 900862, 900866, 900867, 900871, 900872, 900873, 900875, 900876, 900877, 900880, 900882, 900884, 900886, 900888, 900897, 900900, 900903, 900911, 900912, 900914, 900915, 900916, 900917, 900918, 900921, 900926, 900927, 900928, 900931, 900935, 900936, 900938, 900943, 900946, 900949, 900950, 900951, 900953, 900954, 900955, 900956, 900957, 900959, 900960, 900961, 900963, 900964, 900966, 900968, 900969, 900971, 900974, 900975, 900976, 900977, 900980, 900982, 900983, 900984, 900987, 900990, 900992,		

(See following page)

† Included in Carburetor Overhaul Kit — Part No. 291691.

‡ Included in Carburetor Overhaul Kit — Part No. 294714.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT Lbs. Oz.
	900993, 900995, 900999, 907020, 907021, 907022, 907023, 907025, 907026, 907027, 907028, 907035, 907036, 907038, 907040, 907042, 907043, 907044, 907045, 907048, 907051, 907053, 907059, 907062, 907063.	
	<b>No. 26988</b> Crankshaft ..... Used on type No. 900552.	1
	<b>No. 26989</b> Crankshaft ..... Used on type Nos. 900551, 900597, 900654, 900678.	1
	<b>No. 26997</b> Crankshaft ..... Used on type Nos. 900559, 900574, 900583.	1
	<b>No. 26998</b> Crankshaft ..... Used on type Nos. 900568, 900573, 900586, 900596, 900660, 900663, 900670, 900677.	1
	<b>No. 26999</b> Crankshaft ..... Used on type Nos. 900555, 900899.	1
	<b>No. 260003</b> Crankshaft ..... Used on type Nos. 900517, 900522, 900527, 900715, 900817, 900822, 900855, 900894, 900934, 900948.	1
	<b>No. 260004</b> Crankshaft ..... Used on type Nos. 900546, 900606, 900652, 900682, 900733, 900737, 900749, 900750, 900860, 900863, 900869, 900870, 900883, 900940, 900941, 900945, 907024.	1
	<b>No. 260005</b> Crankshaft ..... Used on type Nos. 900516, 900521, 900526, 900548, 900554, 900565, 900577, 900582, 900589, 900593, 900595, 900603, 900613, 900615, 900616, 900619, 900653, 900655, 900658, 900665, 900668, 900672, 900675, 900676, 900680, 900685, 900687, 900688, 900691, 900696, 900708, 900721, 900727, 900732, 900738, 900740, 900744, 900816, 900821, 900838, 900839, 900844, 900859, 900865, 900874, 900878, 900885, 900896, 900906, 900910, 900920, 900923, 900925, 900939, 900944, 900962, 900972, 900985, 900988, 900998, 907029, 907030, 907031, 907032, 907033, 907034, 907037, 907041, 907047, 907049, 907052, 907054, 907057.	1
	<b>No. 260006</b> Crankshaft ..... Used on type Nos. 900518, 900523, 900528, 900566, 900569, 900693, 900698, 900712, 900713, 900728, 900731, 900736, 900739, 900747, 900748, 900818, 900823, 900846, 900848, 900857, 900864, 900892, 900893, 900919, 900922, 900929, 900942, 900967, 900973, 900991, 907046, 907050.	1
	<b>No. 260023</b> Crankshaft ..... Used on type Nos. 900570, 900661, 900697, 900913, 900930.	1
	<b>No. 260047</b> Crankshaft ..... Used on type Nos. 900581, 900667, 900924.	1
	<b>No. 260072</b> Crankshaft ..... Used on type No. 900609.	1
	<b>No. 260073</b> Crankshaft ..... Used on type Nos. 900608, 900617, 900633, 900689, 900743, 900841, 900843, 900887, 900932, 900937, 907039.	1
	<b>No. 260085</b> Crankshaft ..... Used on type Nos. 900933, 900996.	1
	<b>No. 260130</b> Crankshaft ..... Used on type Nos. 900881.	1
	<b>No. 260157</b> Crankshaft ..... Used on type Nos. 900902, 900979, 900997.	1
	<b>No. 260203</b> Crankshaft ..... Used on type No. 900965.	1
	<b>No. 260215</b> Crankshaft ..... Used on type Nos. 900970, 900986.	1
	<b>No. 260217</b> Crankshaft ..... Used on type No. 900978.	1

(See following page)

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Os.
	No. 260232 Crankshaft .....	1	
	Used on type Nos. 900699, 900703, 900849, 900868, 900905, 900989.		
	No. 260246 Crankshaft .....	1	
	Used on type Nos. 900710, 900716, 900856, 900891, 900901, 900958, 907060.		
	No. 260251 Crankshaft .....	1	
	Used on type Nos. 900718, 900879, 900889, 900952, 900994.		
	No. 260274 Crankshaft .....	1	
	Used on type Nos. 900679, 907055, 907056.		
26073	Valve—Exhaust .....		2
*27355	Gasket—Intake Elbow Mounting .....		1
*27548	Gasket—Cylinder Head .....		1
*27549	Gasket—Valve Cover .....		1
*27586	Gasket—Crankcase—.015" Thick (Standard) .....		1
27590	Filter—Carburetor Drain .....		1
*27617	Gasket—Crankcase—.005" Thick .....		1
*27618	Gasket—Crankcase—.009" Thick .....		1
*27660	Gasket—Air Cleaner Mounting .....		1
‡27681	Gasket—Intake Elbow .....		1
‡27682	Gasket—Float Bowl .....		1
27795	Gasket—Air Cleaner .....		1
	Note: No. 27402 Gasket—Air Cleaner (Cup Shape) Used on air cleaner without attached stud.		1
†27917	Gasket—Carburetor Body .....		1
29693	Plug—Spark (with Gasket) .....		3
29806	Gasket—Spark Plug .....		1
29878	Rope—Starter .....		6
	Note: No. 69932 Rope—Starter .....		6
	Used on type Nos. 900532, 900550.		
32418	Washer—Chain Guard Mounting .....		1
61760	Key—Flywheel .....		1
61967	Stop—Throttle Lever .....		1
62577	Washer—Flywheel .....		1
63217	Nut—Needle Valve Packing (Used before Serial No. 402605).....		1
63426	Locknut—Control Wire Casing .....		1
63770	Ball—Clutch .....		1
65704	Plunger—Breaker Point .....		1
66111	Connector—Fuel Pipe .....		1
66384	Rope—Starter .....		1
	Note: If longer rope is needed, order No. 66514 and cut to required length.		
66488	Slinger—Oil .....		1
‡66494	Washer—Float Bowl Mounting .....		1
66528	Bumper—Starter Pulley .....		1
66578	Grommet—Breather Cover .....		1
66598	Washer—Ratchet Sealing (Used after Serial No. 231355) With Square Shaft Ratchet .....		1
66698	Tube—Breather .....		1
66718	Washer—Starter Clutch, Thrust .....		1
66728	Grip—Starter Rope .....		2
66738	Washer—Ratchet Sealing (Used With 7-Tooth Shaft Ratchet).....		1
66768	Plug—Oil Filler .....		1
66898	Block—Switch .....		1
66986	Casing—Control Wire—48" Long .....		3
	Note: If a longer casing is needed, specify length in inches; if a shorter casing is needed order No. 66986 and cut to required length.		
67072	Washer—Spacer (Used on type Nos. 900872, 900873).....		1
68877	Gasket—Fuel Inlet Valve Seat .....		1

\* Included in Gasket Set — Part No. 293525.

‡ Included in Carburetor Overhaul Kit — Part No. 294714.

† Included in Carburetor Overhaul Kit — Part No. 291691.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
†68887	Packing—Needle Valve (Used on tank valve before Serial No. 402605)		1
68897	Gasket—Carburetor Venturi		1
*†68987	Gasket—Carburetor Mounting		1
89660	Seal—Oil		1
89838	Wrench—Spark Plug		6
89968	Muffler		4
	<i>Note: No. 292054 Muffler—Exhaust</i>		6
	Used on type Nos. 900531, 900536, 900540, 900547, 900551, 900559, 900563, 900566, 900568, 900571, 900572, 900574, 900618, 900624, 900654, 900659, 900660, 900696, 900710, 900715, 900716, 900738, 900855, 900856, 900920.		
	<i>No. 294441 Muffler—Exhaust</i>		6
	Used on type Nos. 900607, 900623, 900628, 900662, 900680, 900681, 900682, 900684, 900689, 900691, 900693, 900694, 900695, 900698, 900704, 900706, 900708, 900714, 900720, 900721, 900728, 900729, 900733, 900734, 900739, 900740, 900741, 900744, 900749, 900750, 900840, 900842, 900843, 900844, 900846, 900847, 900848, 900853, 900857, 900858, 900860, 900861, 900864, 900865, 900866, 900867, 900869, 900870, 900874, 900876, 900877, 900883, 900884, 900885, 900890, 900894, 900895, 900899, 900905, 900908, 900910, 900916, 900919, 900923, 900925, 900926, 900929, 900931, 900932, 900935, 900939, 900940, 900941, 900944, 900945, 900948, 900950, 900951, 900952, 900953, 900959, 900964, 900966, 900968, 900969, 900972, 900973, 900975, 900984, 900985, 900986, 900988, 900991, 900992, 900995, 907021, 907024, 907030, 907031, 907032, 907037, 907042, 907043, 907044, 907046, 907052, 907057, 907060.		
90029	Screw—Machine, Rd. Hd.—4-36x $\frac{1}{4}$ "		1
90280	Nut—Square—10-32		1
90366	Washer—Lock— $\frac{5}{8}$ x $\frac{1}{8}$ x $\frac{1}{8}$ "		1
90369	Washer—Lock—No. 4x $\frac{3}{4}$ x $\frac{1}{2}$ "		1
90597	Screw—Machine, Rd.—10-32x $\frac{1}{2}$ "		1
90700	Screw—Cap, Hex. Hd.— $\frac{1}{4}$ -20x $\frac{3}{4}$ "		1
90832	Washer—Lock— $\frac{1}{4}$ x $\frac{3}{8}$ x $\frac{5}{8}$ "		1
91084	Plug—Oil Drain		1
	<i>Note: No. 93027 Plug—Oil Drain (Socket Head)</i>		1
	Used on type Nos. 900587, 900588, 900604, 900615, 900617, 900671, 900687, 900689, 900843, 900855, 900894, 900906, 900917, 900932, 900947, 900949, 900961, 907057.		
91237	Washer—Lock— $\frac{1}{4}$ x $\frac{3}{8}$ x $\frac{5}{8}$ "		1
91386	Screw—Cylinder Head (2" Long)		1
91397	Nut—Hex.— $\frac{5}{8}$ -18		1
91419	Screw—Cap, Hex. Hd.— $\frac{1}{4}$ -20x $\frac{5}{8}$ "		1
91432	Screw—Machine, Fill. Hd.—10-32x $\frac{7}{8}$ "		1
91488	Plug—Pipe, $\frac{1}{8}$ " Standard, Sq. Hd.		1
91708	Nut—Flywheel		1
91810	Elbow—Exhaust (45° Street)		3
	<i>Note: No. 91812 Elbow—Exhaust (90° Street)</i>		3
	Used on type Nos. 900554, 900562, 900565, 900591, 900594, 900619, 900655, 900658, 900673, 900717, 900734, 900832, 900853, 900861, 907057.		
91811	Locknut—Exhaust Elbow		1
91920	Screw—Machine, Fill. Hd.—8-32x $\frac{5}{8}$ "		1
92067	Nut—Wing		1
92129	Nut—Hex.— $\frac{1}{4}$ -28		1
92287	Screw—Machine, Rd. Hd.—10-32x $\frac{1}{4}$ "		1
92290	Washer—Lock—No. 10x $\frac{1}{8}$ x $\frac{3}{4}$ "		1
92296	Screw—Connecting Rod		1
92306	Screw—Cap, Hex. Hd.— $\frac{1}{4}$ -28x $\frac{5}{8}$ "		1
92427	Connector—Tubing		1
92636	Screw—Cap, Hex. Hd.— $\frac{1}{4}$ -20x2"		1

† Included in Carburetor Overhaul Kit — Part No. 291691.

\* Included in Gasket Set — Part No. 293525.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
92674	Screw—Cylinder Head (2 3/8" Long)		1
92747	Screw—Oil Slinger Bracket Mounting Sem		1
92813	Washer—Lock—Shakeproof		1
92870	Screw—Throttle Clip and Breather Mounting Sem		1
92955	Screw—Throttle Housing Mounting Sem		1
92980	Screw—Blower Housing Mounting (Use Part No. 93158)		1
92984	Screw—Armature Mounting Sem		1
92987	Nut—Condenser Terminal		1
93008	Screw—Governor Control Lever Mounting Sem		1
93014	Screw—Dust Cover Mounting Sem		1
93028	Washer—Lock—Shakeproof		1
93031	Screw—Cap, Hex. Hd.—1/4-20x1 1/2"		1
93032	Screw—Sump Mounting Sem		1
93038	Screw—Throttle Valve Mounting Sem		1
93042	Screw—Rotating Screen, Condenser Clamp and Cylinder Shield Mounting Sem		1
93043	Pin—Throttle Stop		1
93062	Screw—Guard Mounting		1
93065	Key—Woodruff No. 505		1
93071	Stud—Starter Adjusting		1
93077	Screw—Clamp Mounting		1
93084	Screw—Set, Socket Hd., Cup Point—10-32x 1/4"		1
93086	Screw—Carburetor Bowl Mounting		1
93105	Screw—Control Rod Guide Bracket Mounting Sem		1
93106	Screw—Speed Control Mounting Sem		1
93108	Screw—Clamp Mounting Sem		1
93117	Screw—Contact Finger Post and Coil Lead Mounting		1
93128	Screw—Carburetor Mounting Sem		1
93143	Eyelet—Control Rod Spring		1
93149	Screw—Machine, Rd. Hd.—5-40x 3/8"		1
93150	Nut—Square, 5-40		1
93157	Screw—Sector and Crown Mounting		1
93158	Screw—Fuel Tank and Blower Housing Mounting Sem		1
99634	Body—Upper Carburetor		4
210209	Head—Cylinder		14
210222	Ring—Piston, Compression, Top—Standard		1
210223	Ring—Piston, Compression, Center—Standard		1
210224	Ring—Piston, Oil Standard		1
210320	Bracket—Oil Slinger		3
210344	Elbow—Intake		6
210361	Ring—Piston, Compression, Top—.010" O.S.		1
210362	Ring—Compression, Top—.010" O.S.		1
210363	Ring—Piston, Oil—.010" O.S.		1
210364	Ring—Piston, Compression, Top—.020" O.S.		1
210365	Ring—Piston, Compression, Center—.020" O.S.		1
210366	Ring—Piston, Oil—.020" O.S.		1
210367	Ring—Piston, Compression, Top—.030" O.S.		1
210368	Ring—Piston, Compression, Center—.030" O.S.		1
210369	Ring—Piston, Oil—.030" O.S.		1
210400	Housing—Starter Clutch	1	1
210453	Gear—Cam	1	4
210528	Venturi—Carburetor		2
220093	Retainer—Spring		1
220352	Plug—Welch		1
220366	Cover—Breaker Point and Condenser		1
220460	Lock—Connecting Rod Screw		1
220477	Clamp—Condenser		1
220478	Shield—Cylinder		3
220516	Clip—Throttle Spring		1
220521	Retainer—Carburetor Drain Filter		1
220542	Lever—Governor Control		2

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
220543	Washer—Governor Control Lever Mounting (Spring Type) .....		1
220575	Washer—Clutch Retainer .....		1
220576	Screen—Rewind Starter .....		2
220581	Cover—Cylinder Head .....		2
	Note: No. 220354 Cover—Cylinder Head (with stop switch).....		2
	Used on engines before Serial No. 76400.		
220648	Screen—Rewind Starter .....		2
220675	Shield—Ignition Coil .....		2
220703	Bracket—Starter Support .....	2	
220709	Guard—Electric Starter Chain .....		12
220712	Pulley—Rope Starter .....		8
220713	Washer—Pinion Guard .....		4
220732	Lock—Starter Pulley Screw .....		1
220745	Clamp—Starter Clutch .....		2
220746	Washer—Thrust .....		1
‡220751	Plug—Welch .....		1
220761	Bowl—Float .....		3
220763	Housing—Speed Control .....		3
220771	Bracket—Control Rod .....		1
220791	Valve—Throttle .....		1
220796	Clamp—Remote Control Casing .....		1
220859	Locknut—Muffler and Exhaust Elbow .....		1
220865	Washer—Spring (Used to lock starter clutch) .....		1
220867	Spacer—Cam Gear .....		1
	Note: Use only when replacing Nos. 293512 and 293597 Sumps on engines with No. 210320 Bracket.		
220884	Switch—Stop .....		1
220886	Valve—Choke .....		1
	Note: No. 220773 Valve—Choke (with hole) .....		1
	Uses: Part No. 93038 Screw—(for mounting)		
220897	Valve—Choke .....		1
	Note: No. 22050 Valve—Choke (with hole) .....		1
	Uses: Part No. 93038 Screw—(for mounting)		
220899	Washer—Choke Lever .....		1
220902	Blade—Switch .....		1
220918	Crown—Blower Housing .....	1	
220928	Crown—Blower Housing .....	1	
230005	Valve—Needle .....		1
230173	Tappet—Valve .....		1
230228	Pin—Starter Grip .....		1
230238	Stud—Air Cleaner (Used only with Carburetor No. 294348).....		1
230275	Bushing—Oil Slinger .....		1
230326	Nut—Starter Adjusting .....		1
230370	Rod—Control .....		1
230376	Stud—Air Cleaner (Used only with Carburetor Nos. 294713 and 294716)		1
260120	Link—Governor (Used only with Carburetor Nos. 294713 and 294716)..		1
260136	Spring—Choke Return (Choke-A-Matic) .....		1
260137	Link—Choke Return (Choke-A-Matic) .....		1
260179	Spring—Governor (Used only with stamped control rod) .....		1
260184	Link—Speed Control .....		1
260230	Spring—Clutch .....		5
260255	Spring—Breather Tube .....		1
260256	Spring—Needle Valve .....		1
260261	Spring—Governor (Used only with Square Control Rod No. 230370)..		1
260262	Ratchet—Rewind Starter (7-Tooth Shaft) .....		4
290568	Lever Assembly—Control .....		4
290584	Base—Control Lever .....		2

‡ Included in Carburetor Overhaul Kit — Part No. 294714.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
290642	Lever—Control .....		2
291617	Armature—Magneto .....	1	2
291630	Shield—Spark Plug (with stop switch) .....		6
291691	Carburetor Overhaul Kit .....		6
291841	Seal—Oil .....		1
291925	Pin Assembly—Piston—Standard .....		3
291926	Pin Assembly—Piston—.005" O.S. ....		3
292037	Cover and Filter Air Cleaner .....		3
292046	Spring—Starter .....		5
292149	Cable—Ignition .....		2
	<i>Note: No. 294577 Cable—Ignition</i> .....		2
	Used on type Nos. 900687, 900906, 907057.		
292271	Ratchet—Rewind Starter .....		3
292272	Pulley—Rewind Starter .....	1	
‡292681	Valve—Assembly—Carburetor Idle .....		1
292797	Outlet—Fuel Tank (includes strainer) .....		2
292833	Breather—Valve Chamber .....		2
293205	Flywheel—Magneto .....	1	12
	<i>Note: No. 29835 Flywheel—Magneto</i> .....	6	
	Used on type Nos. 900545, 900549, 900551, 900552, 900553, 900556, 900557, 900563, 900566, 900579, 900582, 900589, 900592, 900597, 900613, 900615, 900618, 900624, 900626, 900654, 900659, 900668, 900672, 900674, 900678, 900685, 900687, 900693, 900700, 900702, 900715, 900728, 900834, 900846, 900850, 900855, 900857, 900894, 900900, 900906, 900907, 900954, 900955, 900991, 907057, 907058, 907063.		
293257	Pipe—Fuel—12 $\frac{1}{8}$ " Long (Used only with Carburetor No. 294348).....		3
293270	Cap—Fuel Tank.....		2
293400	Piston Assembly—Standard .....		8
293401	Piston Assembly—.010" O.S. ....		8
293402	Piston Assembly—.020" O.S. ....		8
293403	Piston Assembly—.030" O.S. ....		8
293477	Floater—Carburetor .....		8
‡†293478	Valve and Seat—Fuel Inlet .....		1
293505	Rod Assembly—Connecting .....		10
293506	Ring Set—Standard Piston .....		3
293507	Ring Set—.010" O.S. Piston .....		3
293508	Ring Set—.020" O.S. Piston .....		3
293509	Ring Set—.030" O.S. Piston .....		3
293511	Cylinder .....	8	6
293512	Sump—Oil .....	1	10
	<i>Note: No. 293597 Sump—Oil</i> .....	1	10
	Used on type Nos. 900530, 900533, 900543, 900549, 900582, 900589, 900615, 900668, 900672, 900687, 900906, 900947, 900978, 907057.		
293513	Blade—Governor (Used only with Carburetor No. 294348) .....		3
293514	Tank Assembly—Fuel .....	1	
293517	Cleaner Assembly—Air (Used with Stud Nos. 230238 and 230376).....	1	
293525	Gasket Set .....		4
293578	Clutch Assembly—Starter .....	1	8
293693	Housing—Blower .....	2	
	<i>Note: No. 293963 Housing—Blower</i> .....	2	
	Used on type Nos. 900581, 900586, 900603, 900604, 900606, 900617, 900621.		
293708	Bushing—Cylinder .....		3
	<i>Note: Requires special tools for installation.</i>		
293709	Bushing—Oil Sump .....		3
	<i>Note: Requires special tools for installation.</i>		
293710	Shaft and Lever Assembly—Throttle .....		1

‡ Included in Carburetor Overhaul Kit — Part No. 294714.

† Included in Carburetor Overhaul Kit — Part No. 291691.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
293869	Tube—Breather .....		2
293871	Body—Lower Carburetor (with breather tube) .....		6
	Note: No. 293515 Body—Lower Carburetor (without breather tube).. Used on earlier model engines.		6
293889	Body Assembly—Upper Carburetor .....		4
293934	Valve Assembly—Fuel Shut-off .....		1
293959	Starter Pulley with Screen .....		8
	(Used on engines after Serial No. 872200) Note: No. 293432 Starter Pulley with Screen..... Used on engines before Serial No. 872201.		8
293991	Bowl—Air Cleaner .....		6
294064	Ring Set—.040" O.S. Piston .....		3
294065	Piston Assembly—.040" O.S. ....		8
294088	Pulley—Rewind Starter .....		1
294132	Ratchet—Rewind Starter (With Square Shaft). Use Part No. 260262 Ratchet with No. 66738 Sealing Washer).....	1	8
294237	Motor—Electric Starting .....	5	8
294240	Clutch—Electric Starting .....	2	8
294242	Chain—Electric Starter .....		6
294245	Screen—Electric Starter Rotating .....		3
294264	Clutch Assembly—Rewind Starter .....	1	8
294268	Housing—Blower (5" diameter intake hole) .....		14
	Note: No. 293492 Housing—Blower (4 1/4" diameter intake hole) .....		14
	Used on engines before Serial No. 872201.		
294271	Housing—Blower (5" diameter intake hole).....	2	
	Note: No. 294277 Housing—Blower (5" diameter intake hole)..... Used on type Nos. 900667, 900670, 900680, 900681, 900682, 900689, 900702, 900716, 900718, 900719, 900723, 900726, 900742, 900743, 900747, 900748, 900840, 900843, 900844, 900856, 900865, 900879, 900886, 900887, 900889, 900891, 900903, 900918, 900924, 900926, 900933, 900936, 900937, 900950, 900951, 900952, 900972, 900974, 900980, 900986, 900990, 900994. No. 294657 Housing—Blower (5" Diameter Intake Hole)..... Used on type Nos. 900745, 900746, 900872, 900873, 900931, 900932, 900958, 900960, 900963, 900966, 900971, 900975, 900976, 900987, 900992, 900995, 900996, 907021, 907026, 907028, 907036, 907056. No. 295061 Housing—Blower .....	2	
	Used on type Nos. 900902, 900979, 900997.		
	No. 295628 Blower Housing with Rewind Starter Housing and Fuel Tank.....	2	
	Used on type No. 907063.		
294294	Housing—Blower (Electric Starter) .....	1	4
294303	Spring—Starter .....		5
294342	Adapter—Shaft .....	1	8
294343	Sprocket—Electric Starter .....	1	8
294348	Carburetor Assembly (with breather tube) .....	1	
	Note: No. 293516 Carburetor Assembly (without breather tube)..... Used on earlier model engines.	1	
294437	Shaft and Lever Assembly—Throttle .....		1
‡294473	Valve—Needle .....		1
‡294481	Jet—Carburetor .....		1
294539	Pipe—Fuel (Used only with Carburetor Nos. 294713 and 294716).....		1
294617	Blade—Governor (Used only with Carburetor Nos. 294713 and 294716)		3
294628	Breaker Points and Condenser Set .....		3
	No. 293999 Wire—Condenser Ground .....		1
	No. 92791 Washer—Lock—Shakeproof (2) .....		1
	Note: No. 90576 Nut—Hex.—8-32 .....		1
	No. 90072 Screw—Machine, Rd. Hd.—8-32x 5/8" .....		1
	No. 66895 Insulator—Terminal .....		1
	Used on type Nos. 900589, 900618, 900672, 900745, 900746, 900872, 900873, 900947.		

‡ Included in Carburetor Overhaul Kit — Part No. 294714.

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT	
		Lbs.	Oz.
294652	Oil Slinger Gear and Bracket .....		6
294712	Body Assembly—Carburetor .....	1	
	<i>Note:</i> No. 294717 Body Assembly—Carburetor .....	1	
	Used on type Nos. 900872, 900873, 900925, 900926, 900929, 900930, 900931, 900932, 900935, 900936, 900937, 900938, 900939, 900940, 900941, 900942, 900944, 900945, 900946, 900948, 900949, 900950, 900951, 900952, 900953, 900959, 900960, 900961, 900962, 900963, 900966, 900967, 900968, 900969, 900972, 900973, 900975, 900976, 900977, 900979, 900980, 900982, 900984, 900985, 900987, 900989, 900990, 900991, 900992, 900993, 900995, 900996, 907022, 907023, 907024, 907026, 907028, 907030, 907031, 907032, 907034, 907036, 907037, 907043, 907044, 907046, 907047, 907048, 907051, 907052, 907054, 907055, 907056, 907057, 907059, 907062, 907063.		
294713	Carburetor Assembly .....	1	8
	<i>Note:</i> No. 294716 Carburetor Assembly .....	1	8
	Used on type Nos. 900872, 900873, 900925, 900926, 900929, 900930, 900931, 900932, 900935, 900936, 900937, 900938, 900939, 900940, 900941, 900942, 900944, 900945, 900946, 900948, 900949, 900950, 900951, 900952, 900953, 900959, 900960, 900961, 900962, 900963, 900966, 900967, 900968, 900969, 900972, 900973, 900975, 900976, 900977, 900979, 900980, 900982, 900984, 900985, 900987, 900989, 900990, 900991, 900992, 900993, 900995, 900996, 907022, 907023, 907024, 907026, 907028, 907030, 907031, 907032, 907034, 907036, 907037, 907043, 907044, 907046, 907047, 907048, 907051, 907052, 907054, 907055, 907056, 907057, 907059, 907062, 907063.		
294714	Carburetor Overhaul Kit .....		4
294802	Cover and Filter—Air Cleaner .....		10
294817	Control Assembly—Speed .....		6
294842	Wire—Ground .....		2
294863	Cover and Filter—Air Cleaner .....		10
294868	Cleaner Assembly—Air (with mounting stud) .....	1	
294872	Cleaner Assembly—Air (with mounting stud) .....	1	
294874	Shaft and Lever Assembly—Choke .....		2
	<i>Note:</i> No. 294655 Shaft and Lever Assembly—Choke .....		2
	Used on type Nos. 900872, 900873, 900925, 900926, 900929, 900930, 900931, 900932, 900935, 900936, 900937, 900938, 900939, 900940, 900941, 900942, 900944, 900945, 900946, 900948, 900949, 900950, 900951, 900952, 900953, 900959, 900960, 900961, 900962, 900963, 900966, 900967, 900968, 900969, 900972, 900973, 900975, 900976, 900977, 900979, 900980, 900982, 900984, 900985, 900987, 900989, 900990, 900991, 900992, 900993, 900995, 900996, 907022, 907023, 907024, 907026, 907028, 907030, 907031, 907032, 907034, 907036, 907037, 907043, 907044, 907046, 907047, 907048, 907051, 907052, 907054, 907055, 907056, 907057, 907059, 907062, 907063.		
	Uses: No. 260136 Spring—Choke Return .....		1
	No. 260137 Link—Choke Return .....		1
294930	Sector Assembly—Crown .....		10
	<i>Note:</i> No. 294931 Sector Assembly—Crown .....		10
	Used on type Nos. 907032, 907054.		
294946	Control Assembly—Speed (Used on engines with remote control)....		6
	Uses: No. 260183 Spring—Control Rod .....		1

## NATION-WIDE SERVICE ORGANIZATION

To provide prompt and efficient service on Briggs & Stratton engines, Central and Authorized Service Distributors are located in principal cities of the United States and Canada in addition to thousands of Registered Service Dealers located in almost every community.

Each Authorized Service Organization carries a stock of original Briggs & Stratton repair parts. Each is equipped with special factory service tools and factory-trained mechanics, assuring expert repair service on all Briggs & Stratton engines.

All Authorized Service Organizations are instructed by the factory to replace free of charge all parts found to be defective in either material or workmanship, according to the conditions of the Briggs & Stratton Warranty.

All gratis work done under the warranty is the responsibility of the Authorized Service Organization until all the material involved and supporting facts are submitted to and approved by the factory.

In a difference of opinion regarding a Service Organization's decision, their terms should be accepted and, either through them or direct, have all materials and supporting facts submitted to the factory for review.

Genuine Briggs & Stratton service will assure continuous engine satisfaction. Our long experience in engine maintenance prompts us to urge that all service work be done by an authorized Service Organization. Mechanics unfamiliar with Briggs & Stratton engines, or without proper tools, should not be permitted to make major repairs.

Parts and repair work are F.O.B. any Authorized Briggs & Stratton Service Organization. The Central Service Distributor nearest you (see back page) will be glad to give you the name of our Engine Service Organization in your locality, or refer to the yellow classified advertising pages of your telephone directory.

## BRIGGS & STRATTON ENGINE WARRANTY BE SURE TO FILL IN AND MAIL WARRANTY REGISTRATION CARD WHICH ACCOMPANIED ENGINE AT TIME OF PURCHASE

**THE WARRANTY**—For Ninety Days from purchase date, Briggs & Stratton Corporation will replace for the original purchaser, FREE OF CHARGE, any part or parts found, upon examination at any factory Authorized Service Distributor or at our factory at Milwaukee, Wisconsin, or at any Authorized Service Distributor's place of business, to be defective under normal use and service, on account of defects in material or workmanship.

All transportation charges on part or parts submitted for replacement under this warranty must be borne by purchaser.

**WHAT THIS WARRANTY DOES NOT INCLUDE**—This warranty does not cover the free replacement of parts inoperative because of wear occasioned by use. It does not cover the labor cost of replacing parts, neither is it effective if the engine has been the subject of misuse, negligence, or accident, nor if it has been repaired or altered, outside of our Milwaukee Factory or at any factory-approved Service Station, in any way which, in our judgment, affects its condition or operation.

## WARRANTY INSTRUCTIONS

When sending an engine, or engine parts, to a Briggs & Stratton Service Organization for service, at the same time always send by mail the following information:

Model Letter (or Number), Type Number, and Serial Number of the engine.

Date purchased.

Kind of equipment engine is used on.

Name or trademark of manufacturer.

Name and address of dealer from whom purchased.

Approximate number of hours engine has run since equipment was bought.

Also, give complete report of trouble experienced and special servicing instructions.

The above information is necessary to insure prompt and proper service.

## AUTHORIZED SERVICE ORGANIZATION

There is a member of the Briggs & Stratton Service Organization in your neighborhood who is fully qualified to take care of your service needs. Refer to the yellow pages of your telephone directory. If none are listed write to the nearest Central Distributor listed below, they will be glad to supply you with name and address.

STATE	CITY	NAME	LOCATION
Alabama	Birmingham 3	Birmingham Electric Battery Co.	Ave. B at 23rd St.
Arizona	Phoenix	Motor Supply Co.	402-414 N. Central Ave.
Arizona	Tucson	Motor Supply Co.	33 W. 33rd St.
California	Burlingame	Frank Edwards Co.	1541 Adrian Road
California	Los Angeles 15	Electric Equipment Co.	1611 S. Hope St.
Colorado	Denver 1	Spitzer Electric Company	43 W. 9th Ave.
Connecticut	Hartford 3	The Durham Co., Inc.	409 Ann St.
Florida	Jacksonville 1	Spencer Electric, Inc.	40 W. Beaver St.
Florida	Miami 42	Electrical Equipment Co.	1415 N.W. 21st Terrace
Florida	Tampa 1	Spencer Auto Electric, Inc.	607-11 E. Cass St.
Georgia	Atlanta 3	Auto Electric & Magneto Co.	477 Spring St., N. W.
Illinois	Chicago 16	Mid-States Auto Electric Co.	1905 S. Michigan Ave.
Indiana	Indianapolis	Gulling Auto Electric Inc.	1201 Stadium Drive
Iowa	Des Moines 9	Magneto Carburetor & Electric Co., Inc.	1308 Grand Ave.
Kentucky	Louisville 2	Central Service Sales Div.	737 S. 3rd St.
Louisiana	New Orleans 1	A. C. Suhren Co.	8300 Earhart Blvd.
Louisiana	Shreveport	Chain Battery & Automotive Supply, Inc.	Spring at Fannin St.
Massachusetts	Boston 64	W. J. Connell Co.	210 Needham St.
Michigan	Detroit 38	Auto Electric & Service Corporation	15550 Woodrow Wilson Ave.
Minnesota	Minneapolis 16	Reinhard Brothers Co., Inc.	4301 Highway No. 7
Missouri	Kansas City 8	The E. S. Cowie Electric Co.	1819 Wyandotte St.
Missouri	St. Louis 3	Medart Auto Electric Co., Inc.	3134 Washington Blvd.
Montana	Billings	Original Equipment, Inc.	905 Second Ave. No.
Nebraska	Omaha 2	Carl A. Anderson, Inc.	16th and Jones St.
New Mexico	Albuquerque	Spitzer Electrical Co. of New Mexico	3rd and Mountain Rd.
New York	Buffalo 14	The Battery & Starter Co., Inc.	2505 Main St.
New York	New York 19	The Durham Co., Inc.	606 W. 49th St.
New York	Syracuse 6	F. A. Crossman, Inc.	Tarbell Road
North Carolina	Charlotte 1	Automotive Electric Associates, Inc.	306-14 N. Graham St.
Ohio	Columbus	Gardner, Inc.	1147 Chespeak Ave.
Oklahoma	Oklahoma City 2	American Electric Ignition Co.	124 N.W. 8th St.
Oregon	Portland 9	Tracey & Co., Inc.	N. W. 10th and Glisan
Pennsylvania	Philadelphia	Auto Equipment & Service Co., Inc.	12th and Glenwood
Pennsylvania	Pittsburgh 24	Pitt Auto Electric Company	5135 Baum Blvd.
Tennessee	Knoxville 7	R. T. Clapp Company	2016 Magnolia Ave., N.E.
Tennessee	Memphis 4	Automotive Electric Service Co.	982 Linden Ave.
Texas	Amarillo	Beard & Stone Electric Company, Inc.	700 E. 10th St.
Texas	Dallas 1	Beard & Stone Electric Company, Inc.	3909 Live Oak St.
Texas	El Paso	Motor Supply Co.	308 Chihuahua St.
Texas	Houston 1	Beard & Stone Electric Company, Inc.	5815 Gulf Freeway
Texas	San Antonio 6	S. X. Callahan	425 N. Flores St.
Utah	Salt Lake City 13	Frank Edwards Co.	551 So. State St.
Virginia	Richmond 21	Richmond Battery & Ignition Co.	2912 W. Leigh St.
Washington	Seattle 4	Charles Stewart, Inc.	1741 First Ave. South
Washington	Spokane	Sunset Electric Co.	N. 703 Division St.
Wisconsin	Milwaukee 2	Wisconsin Magneto Co.	918 N. Broadway

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British Columbia	Vancouver	Auto Electric Service (Pacific) Ltd.	1025 Howe St.
Manitoba	Winnipeg	Auto Electric Service (Western) Ltd.	170 Fort St.
Ontario	Toronto 5	Auto Electric Service Company, Limited	1009 Bay St.

**BRIGGS & STRATTON CORP., Milwaukee 1, Wis., U. S. A.**