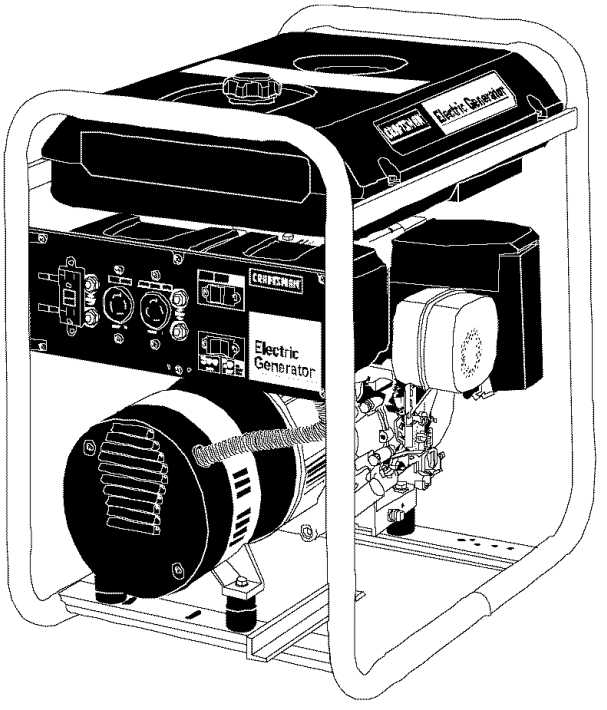
SEARS

OWNER'S MANUAL

Model No.

919.679580



CRAFTSMAN

120/240 VOLT • 5800 WATT GENERATOR

IMPORTANT:
Read the Safety Guidelines and All Instructions Carefully Before Operating

- **SAFETY GUIDELINES**
- **ASSEMBLY**
- **OPERATION**
- **MAINTENANCE**
- **TROUBLESHOOTING**
- **REPAIR PARTS**

Sold by Sears Canada, Inc., Toronto, Ont. M5B2B8

MGP-679580 4/29/99

TABLE OF CONTENTS

DATE PURCHASED:_____

MODEL NO:_____

SERIAL NO: _____

STORE WHERE PURCHASED:_____

ADDRESS_____

CITY_____

TELEPHONE:_____

Record the above information about your unit so that you will be able to provide it in case of loss or theft.

HORSE POWER	11 HP
GASOLINE CAPACITY	7 GALLON
OIL CAPACITY	48 OZ.

MAINTENANCE AGREEMENT

The Craftsman Warranty, plus a Maintenance Agreement, provide maximum value for your Sears products. Contact your nearest Sears store for details.

CUSTOMER RESPONSIBILITIES

Read and observe the safety rules.

Follow a regular schedule in maintaining, caring for and using your generator.

Follow the instructions under "Customer Responsibilities" and "Storage" sections of this owner's manual.

FULL ONE YEAR WARRANTY ON CRAFTSMAN GENERATORS

For one year from the date of purchase, when this Craftsman generator is maintained and operated according to the instructions in this owner's manual, Sears will repair, free of charge, any defect in material and workmanship.

If your Craftsman Generator is used for commercial or rental purposes, this warranty applies for only 90 days from the original date of purchase.

FULL ONE YEAR WARRANTY ON CRAFTSMAN ENGINE

For one year from the date of purchase, when this Craftsman engine is maintained and operated according to the instructions in this owner's manual, Sears will repair, free of charge, any defect in material and workmanship.

If your Craftsman engine is used for commercial or rental purposes, this warranty applies only for 90 days from the date of purchase. This warranty does not cover: Expendable items such as spark plugs and air filters, which become worn during normal use.

Repairs necessary because of operator abuse or negligence, including damage resulting from no oil being supplied to the engine or failure to maintain the equipment according to the instructions contained in this owner's manual, are not covered under warranty.

WARRANTY SERVICE IS AVAILABLE BY RETURNING THE GENERATOR TO THE NEAREST SEARS SERVICE CENTER. This warranty gives you specific legal rights and you may also have other rights, which vary from PROVINCE TO PROVINCE.

Sold by Sears Canada, Inc., Toronto, Ont.

SAFETY GUIDELINES - DEFINITIONS

This manual contains information that is important for you to know and understand. This information relates to protecting **YOUR SAFETY** and **PREVENTING EQUIPMENT PROBLEMS**. To help you recognize this information, we use the symbols to the right. Please read the manual and pay attention to these sections.

⚠ DANGER
URGENT SAFETY INFORMATION - A HAZARD THAT WILL CAUSE SERIOUS INJURY OR LOSS OF LIFE.

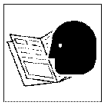
⚠CAUTION
Information for preventing damage to equipment.

⚠WARNING
IMPORTANT SAFETY INFORMATION - A HAZARD THAT *MIGHT* CAUSE SERIOUS INJURY OR LOSS OF LIFE.

NOTE
Information that you should pay special attention to.

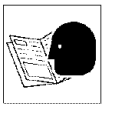
IMPORTANT SAFETY INSTRUCTIONS

• SAVE THESE INSTRUCTIONS •



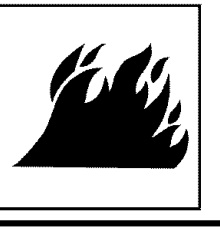
⚠WARNING

When using this product basic precautions should always be followed including the following:



⚠DANGER

RISK OF ELECTROCUTION AND FIRE



HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Attempting to connect generator directly to the electrical system of any building structure.	Back feeding electricity through a building's electrical system to the outside utility feed lines could endanger repair persons attempting to restore service. Attempting to connect to the incoming utility service could result in electrocution. Restoration of electrical service while the generator is connected to the incoming utility could result in a fire or serious damage if a isolator switch is not installed.	Never back feed electricity through a structure's electrical system. To connect to a structure's electrical system in a safe manner and always have a Double-Throw Transfer Switch installed by a qualified electrician, in compliance with local ordinances. **(When installing a Double-Throw Transfer Switch, a minimum of 10 gauge wiring must be used.)**
Inadequate electrical grounding of generator.	The failure of one of the generator's electrical devices, a broken wire, wet surfaces, etc. could result in the entire unit becoming electrically charged. Contact with electrically charged surfaces could result in electrocution.	Make sure that the unit is connected to an appropriate electrical ground, in accordance with the requirement of the National Electric Code. See page 8 for grounding instructions.

READ AND UNDERSTAND ALL WARNINGS BEFORE ATTEMPTING TO OPERATE GENERATOR.

⚠ DANGER

RISK OF ELECTROCUTION AND FIRE (cont'd)

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Operation of generator in rain, wet, icy, or flooded conditions.	Water is an excellent conductor of electricity! Water which comes in contact with electricity charged components can transmit electricity to the frame and other surfaces, resulting in electrical shock to anyone contacting them.	Operate generator in a clean, dry, well ventilated area. Make sure hands are dry before touching unit.
Use of worn damaged, undersized or ungrounded extension cords.	Contact with worn or damaged extension cords could result in electrocution.	Inspect extension cords before use and replace with new if required.
	Use of undersize extension cords could result in overheating of the wires or attached items, resulting in fire.	Use proper size (wire gauge) cordset for application.
	Use of ungrounded cordsets could prevent operation of circuit breakers and result in electrical shock.	Always use electrically grounded cordset.
Placing generator on or against highly conductive surface, such as a steel walkway or metal roof.	Accidental leakage of electrical current could charge conductive surfaces in contact with the generator.	Place generator on low conductivity surface such as a concrete slab.
Improper connection of items to generator.	Exceeding the load capacity of the generator by attaching too many items, or items with very high load ratings to it could result in overheating of some items or their attachment wiring resulting in fire or electrical shock.	Read the load rating chart and instructions on page 9, 10 and 11. Make sure that the summation of electrical loads for all attachments does not exceed the load rating of the generator.
Operation of unit when damaged, or with guards or panels removed.	Attempting to use the unit when it has been damaged, or when it is not functioning normally could result in fire or electrocution.	Do not operate generator with mechanical or electrical problem. Have unit repaired by an Authorized Service Center.
	Removal of guarding could expose electrically charged components and result in electrocution.	Do not operate generator with protective guarding removed.

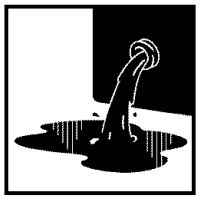
READ AND UNDERSTAND ALL WARNINGS BEFORE ATTEMPTING TO OPERATE GENERATOR.

⚠WARNING

RISK OF FIRE

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Attempting to fill the fuel tank while the engine is running.	Gasoline and gasoline vapors can become ignited by coming in contact with hot components such as the muffler, engine exhaust gases, or from an electrical spark.	Turn engine off and allow it to cool before adding fuel to the tank. Equip area of operation with a fire extinguisher certified to handle gasoline or fuel fires.
Sparks, fire, hot objects	Cigarettes, sparks, fires, or other hot objects can cause gasoline or gasoline vapors to ignite.	Add fuel to tank in well ventilated area. Make sure there are no sources of ignition near the generator.
Improper storage of fuel	Improperly stored fuel could lead to accidental ignition. Fuel improperly secured could get into the hands of children or other unqualified persons.	Store fuel in a container designed to hold gasoline. Store container in secure location to prevent use by others.
Inadequate ventilation for generator	Materials placed against or near the generator or operating the generator in areas where the temperature exceeds 104° F. ambient can interfere with its proper ventilation features causing overheating and possible ignition of the materials.	Operate generator in a clean, dry, well ventilated area a minimum of four feet from any objects or wall. **DO NOT OPERATE UNIT INDOORS OR IN ANY CONFINED AREA.**
Tampering with factory set engine speed settings.	Engine speed has been factory set to provide safe operation. Tampering with the engine speed adjustment could result in overheating of attachments and could cause a fire.	Never attempt to "**speedup**" the engine to obtain more performance. Both the output voltage and frequency will be thrown out of standard by this practice, endangering attachments and the user.
Overfilling the fuel tank – fuel spillage.	Spilled fuel and its vapors can become ignited from hot surfaces or sparks.	Use care in filling the tank to avoid spilling fuel. Make sure fuel cap is secured tightly and check engine for fuel leaks before starting engine. Move generator away from refueling area or any spillage before starting engine. Allow for fuel expansion. Keep maximum fuel level ¼ inch below the tip of the fuel tank. Never refuel with the engine running.

READ AND UNDERSTAND ALL WARNINGS BEFORE ATTEMPTING TO OPERATE GENERATOR.



⚠ DANGER

Risk of Injury and Property Damage When Transporting Generator

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Fire, Inhalation, Damage to Vehicle Surfaces	Fuel or oil can leak or spill and could result in fire or breathing hazard, serious injury or death can result. Fuel or oil leaks will damage carpet, paint or other surfaces in vehicles or trailers.	If generator is equipped with a fuel shut-off valve, turn the valve to the off position before transporting to avoid fuel leaks. If generator is not equipped with a fuel shut-off valve, drain the fuel from tank before transporting. Only transport fuel in an CSA approved container. Always place generator on a protective mat when transporting to protect against damage to vehicle from leaks. Remove generator from vehicle immediately upon arrival at your destination

⚠ DANGER

RISK OF BREATHING - INHALATION HAZARD

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Gasoline engines produce toxic carbon monoxide exhaust fumes.	Breathing exhaust fumes will cause serious injury or death.	Operate generator in clean, dry, well ventilated area. Avoid enclosed areas like garages, basements, storage sheds, etc., which lack a steady exchange of air. Never operate unit in a location occupied by humans or animals. Keep children, pets and others away from area of operating unit.

READ AND UNDERSTAND ALL WARNINGS BEFORE ATTEMPTING TO OPERATE GENERATOR.

⚠WARNING

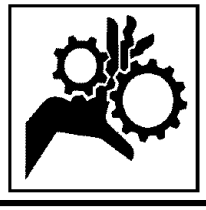
RISK OF UNSAFE OPERATION

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Operation of generator in careless manner.	All sources of energy include the potential for injury. Unsafe operation or maintenance of your generator could lead to serious injury or death to you or others.	• Review and understand all of the operating instructions and warnings in this manual. • Become familiar with the operation and controls of the generator. Know how to shut it off quickly. • Equip area of operation with a fire extinguisher certified to handle gasoline or fuel fires. • Keep children or others away from the generator at all times.
Operation of voltage sensitive appliances without a voltage surge protector.	Any gasoline operated household generator will incur voltage variations causing damage to voltage sensitive appliances or result in fire.	Always use U.L. listed voltage protector to connect voltage sensitive appliances (TV, computer, stereo, etc.). Failure to use a U.L. listed voltage surge protector will void the warranty on your generator. **Notice:** A multiple outlet strip is not a surge protector make sure you use a U.L. listed voltage surge protector.

⚠WARNING

RISK OF HOT SURFACES

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Contact with hot engine and generator components.	Contact with hot surfaces, such as engines exhaust components, could result in serious burns.	During operation, touch only the control surfaces of the generator. Keep children away from the generator at all times. They may not be able to recognize the hazards of this product.



⚠WARNING

RISK OF MOVING PARTS

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Contact with moving parts can result in serious injury.	The generator contains parts which rotate at high speed during operation. These parts are covered by guarding to prevent injury.	Never operate generator with guarding or cover plates removed. Avoid wearing loose fitting clothing or jewelry which could be caught by moving parts.

READ AND UNDERSTAND ALL WARNINGS BEFORE ATTEMPTING TO OPERATE GENERATOR.

⚠WARNING

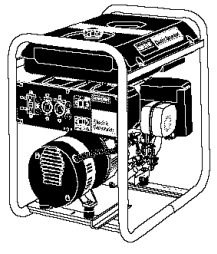
RISK FROM LIFTING

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
Lifting a very heavy object.	Serious injury can result from attempting to lift too heavy an object.	The generator is too heavy to be lifted by one person. Obtain assistance from others before you try to move it.

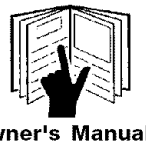
ASSEMBLY

CARTON CONTENTS

- Main Unit
- Owner's Manual
- Battery Connector Cables



Main Unit



Owner's Manual

Battery Bracket

Battery Connector Cables

CAUTION: Read owner's manual. Do not attempt to operate equipment until you have read Owner's Manual for Safety, Operation, and Maintenance Instructions.

REMOVE GENERATOR FROM CARTON

•Open carton from top.

•Cut carton along dotted lines.

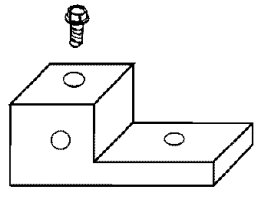
•Remove all carton inserts.

•Remove generator through opening in carton.

IMPORTANT: Before any attempt to start your generator be sure to check engine oil (See OPERATION under Adding Engine Oil on page 11)

GROUNDING THE GENERATOR

This generator should be grounded to help prevent accidental electrical shock. Shown below is a picture of the grounding lug supplied on your generator. First, drive a 3/4" or 1" diameter copper pipe or rod into the ground close to the generator set. The pipe must penetrate moist earth. Using #10 gauge wire, connect one end of the wire into the grounding lug. Next, connect the other end of the wire to the copper pipe or rod using an approved ground clamp.



Grounding Lug

KNOW YOUR GENERATOR

Read this Owner's Manual and Safety Rules before operation of your Generator. Compare this illustration with your generator to familiarize yourself with the location of various controls and adjustments. Save the manual for future references.

FUEL TANK- Capacity of 7 US gallons.

CHOKE SWITCH- Lever used to start cold engine.

ENGINE RUN/STOP SWITCH- Sets engine in starting mode for recoil starter - Stops running engine.

ENGINE OIL FILL- Place where engine oil is poured.

120 VOLT RECEPTACLES – Used to supply 1800 watts of electrical power per receptacle. Protected by a 15 amp circuit breaker.

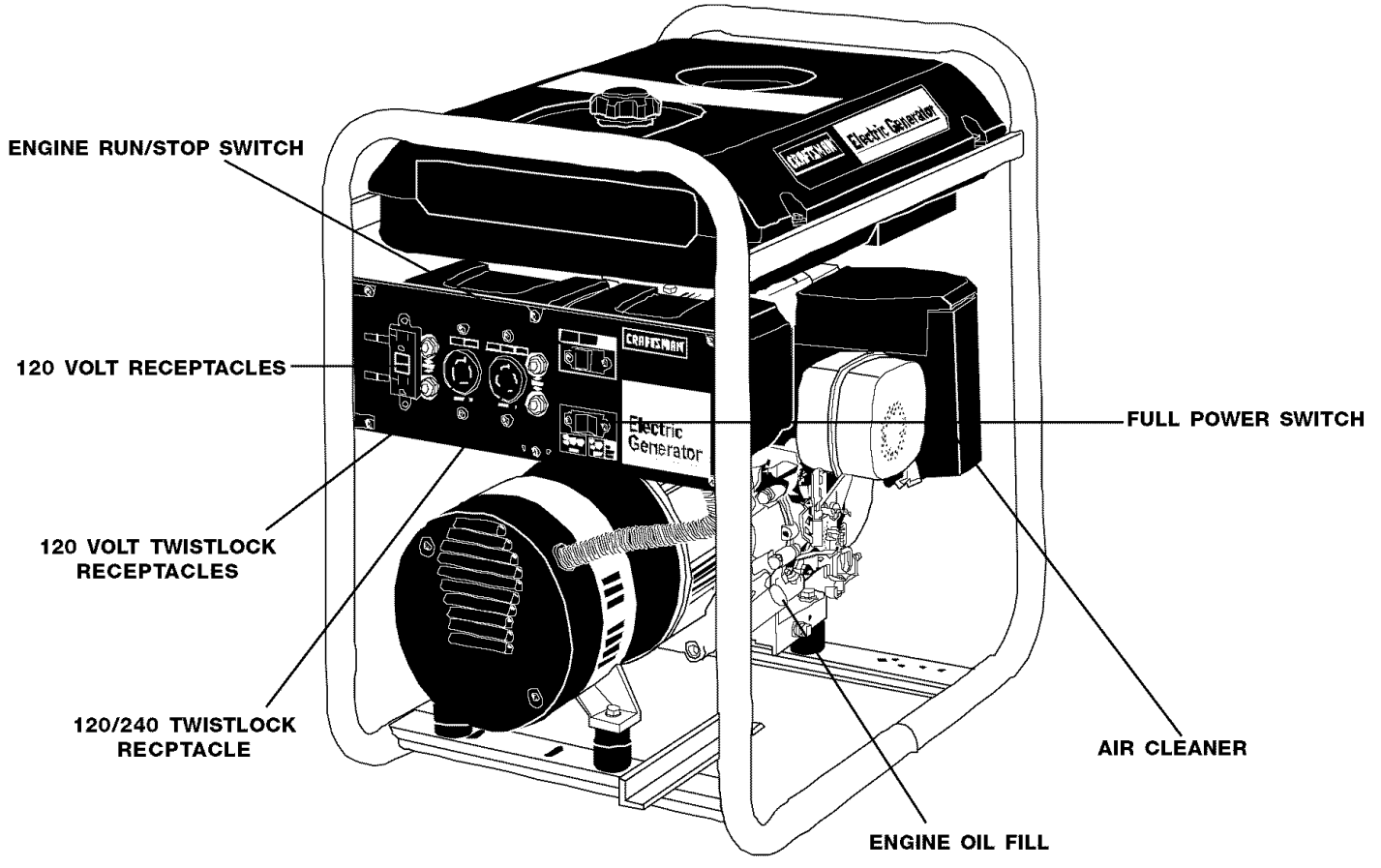
120 VOLT TWISTLOCK RECEPTACLE – Used to supply 2900 watts of electrical power per receptacle. Protected by a 25 amp circuit breaker.

120/240 TWISTLOCK RECPTACLE – Used to supply the full 5800 watts of electrical power per receptacle when a 240 volt plug is being used and 2900 watts when using a 120 volt plug . Protected by a 25 amp circuit breaker.

FULL POWER SWITCH – Switch used to convert every receptacle on the panel, when placed in the 120 position, to a 120 volt receptacle. This will allow you to receive the full capacity of the generator by using all 120 volt receptacles. When in the 120/240 position, you will only be able to use half of the 5800 watts when using the 120 volt receptacles. But in this position, the full 5800 watts can be received in the 240 twistlock receptacle.

AIR CLEANER- Includes filter element and foam pre-cleaner that limits the amount of dirt that enters the engine.

NOTE: When in the 120 position, each receptacle has the ability to reach the maximum 7500 surge wattage for inductive motors that require 7500 watts or below to start. In the 120/240 position, the 120 volt receptacles will only reach 3750 surge watts.



RECEPTACLES

Your generator is equipped with 120-volt duplex receptacles, a 120-volt twistlock receptacle and a 120/240-volt twistlock receptacle.

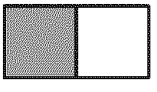
The unit is equipped with a 15-amp circuit breaker for the 120-volt duplex receptacles and two 25-amp circuit breakers for the 120-volt twistlock and for the 120/240-volt twistlock receptacle. These circuit breakers are provided to protect the generator against electrical overload. If the circuit breaker trips, unplug all electrical loads from the generator. Let the circuit breaker cool down. Push circuit breaker button to reset.

FULL POWER SWITCH

Your Craftsman generator has a full power switch on the control panel. This switch has two positions: 120 VOLT ONLY, and 120/240 VOLT.

120 Position

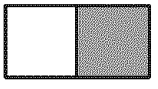
When placed in the 120 position, (shown below) every receptacle on the panel will be converted to a 120 volt receptacle. 240-volt power is not available. This position allows full capacity of the generator to be received by using all 120-volt receptacles. While in the 120 position, each receptacle has the ability to reach the maximum 7500 surge wattage for inductive motors that require 7500 watts or below to start.



120V 120/240V

120/240 Position

When in the 120/240 position, (shown below) only half of the 5800 watts can be received when using the 120-volt receptacles and the 120/240-volt twistlock receptacle will be converted to allow the full 5800 watts to be received from this one receptacle. Also in this position, the 120-volt receptacles will only reach a maximum of 3750 surge watts.



120V 120/240V

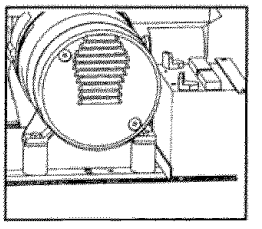
IMPORTANT: Do not move the full power switch while powering electrical equipment. Unplug all items before moving the switch. Failure to do so can damage the switch.

Battery Installation

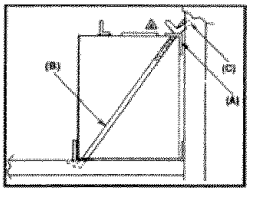
To obtain electric start capability, you must install a (12 volt – 45 A.H.) battery. The battery should be properly serviced and fully charged prior to installation.

Install the battery as follows:

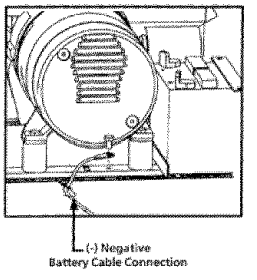
- Place battery in rack with terminals facing towards generator head.



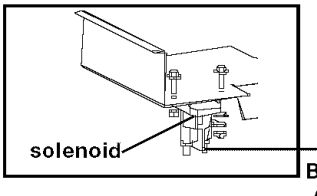
- Place battery bracket over battery as shown (opposite battery terminals).



- Connect black battery cable from battery post indicated with NEGATIVE (-) to frame with bolt as shown below.



- Connect red battery cable from battery post indicated with POSITIVE, (+) to right post on starter solenoid.



GENERATOR CAPACITY

Exceeding the rated capacity of your generator can result in serious damage to your generator and connected electrical devices. You should observe the following to prevent overloading the unit:

- Starting and running wattage requirements must be calculated to match your generator wattage capacity.

- Resistive load appliances such as light bulbs, TV's and microwaves, have the same starting and running wattage. The wattage used for calculating the capacity can usually be found on each of these appliances.

Some inductive appliances and tools will list on the motor name plate, the starting and running voltage and amperage requirements. Use the following formula to convert voltage and amperage to wattage:

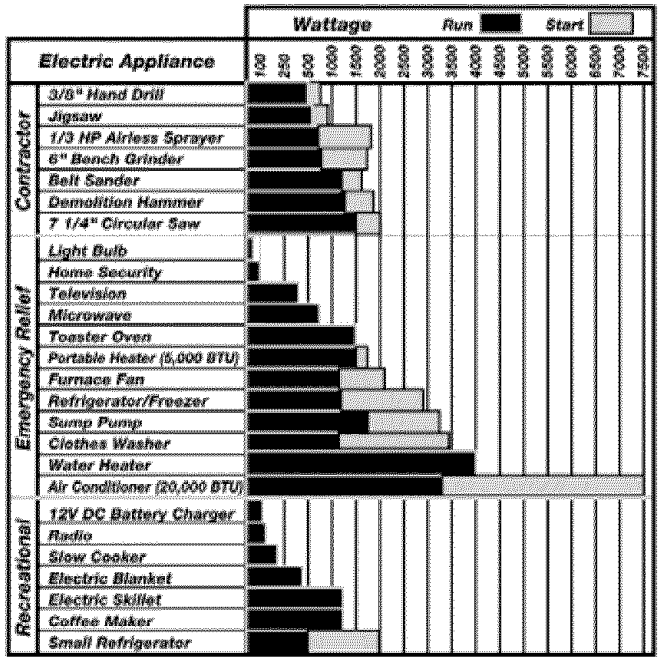
(Volts X Amp = Watts)

Inductive load appliances and tools such as refrigerators, air compressors and washers require approximately 2 to 4 times the listed running wattage for starting the equipment. This initial load only lasts for a few seconds on start-up but is very important when figuring your total wattage to be used.

NOTE: Always start your largest electric motor first, and then plug in other items, one at a time.

The guide below is provided to assist you in determining the appliances and tools that can be run with the wattage capacity of your generator.

To select the right generator for your needs, total the wattage of the items to be run at the same time.



The wattage ratings shown are averages. Wattage requirements may vary with different brands of appliances.

OBTAINING ELECTRICITY FROM GENERATOR

There are basically two ways to obtain electricity form a generator:

- Use of extension cords directly form the generator to the appliance, lights, tools, etc.
- Use of a double-throw transfer switch installed directly to the main electrical supply outside of the house.

Extension Cord

When using an appliance or tool at a considerable distance from the generator, a 3-wire extension cord that has a 3-blade grounding plug and 3-slot receptacle that accepts the tool's plug should be used. A cord of adequate size must be used. A minimum of 12 gauge wire size with at least a 20 amp draw can be used. When amperage exceeds 20 amps a10 gauge wire size should be used.

Connecting Generator To Main Electrical Supply

Potential hazards exist when a electrical generator is connected to the main electrical supply coming into the house. It is at that point that the generator could feed back into the utility company's system causing possible electrocution of workers who are repairing electrical lines. To avoid back feeding of electricity into utility systems, a **double-throw transfer switch** should be installed between the generator and utility power. This device should be installed by a licensed electrician and in compliance with all local electrical codes.

NOTE: When installing a Double-Throw Transfer Switch, a minimum of 10 gauge wiring must be used.

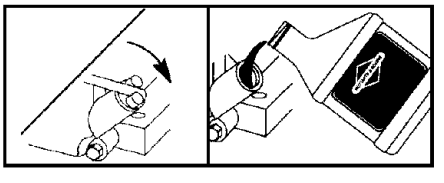
BEFORE STARTING ENGINE

CAUTION: Always check engine oil level before every start. Running engine low of oil or out of oil could result in serious damage to the engine.

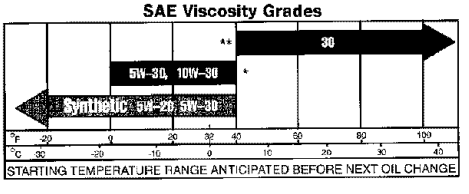
Adding Engine Oil

Your generator has been shipped **without** oil in the engine. Begin by removing the oil dipstick and plug. Start pouring the oil in slowly.

The engine will hold approximately 48 ounces of oil. Before filling engine with oil, make sure the generator is on level ground. Next, pour the oil in slowly until the oil level reaches the second to last thread. Once the oil level reaches this point, the engine will be full of oil.



NOTE: When adding oil to the engine crankcase, use a high quality detergent oil classified "For Service SF,SG,SH" rated SAE 30 weight. Use no special additives. Select the oil's viscosity grade according to your expected operating temperatures.



Low Oil Shutdown

Your Craftsman generator engine is equipped with Low Oil Shutdown. Low Oil Shutdown is a safety device designed to protect your engine from damage in the event the oil level in the crankcase is low.

If while the engine is running, the oil gets low, it will automatically shut itself down and will not restart until the oil is added. If the oil is low before start-up, the generator will not start until oil is added.

NOTE: The Low Oil Shutdown mechanism is very sensitive. You must fill the engine to the full mark on the dipstick to inactivate this safety device.

Gasoline

Your generator engine is 4 cycle. Use unleaded fuel only. Never mix oil with gasoline.

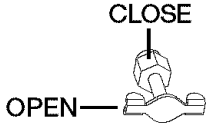
CAUTION: Never fill fuel tank completely. Fill tank to 1/2" below the bottom of the filler neck to provide space for fuel expansion. Wipe any fuel spillage from engine and equipment before starting engine.

WARNING: Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.

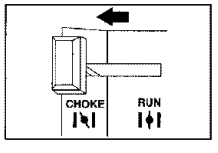
Use clean, fresh, regular unleaded gasoline with a minimum of 85 octane. Do not mix oil with gasoline. If unleaded fuel is not available, leaded fuel may be used.

To Start Your Generator

Make sure fuel shutoff valve is turned to the open position.

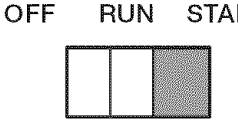


- Remove gas cap.
- Add unleaded gasoline, slowly to fuel tank.
- Do not overfill.
- On the engine there is a choke/run lever. Place this lever to the choke position.



- Crank engine.

Electric Starting: Press starter switch to the start position. When the engine is started the switch will remain in the run position until the switch is turned off.



Manual Starting: Grasp rope handle and pull slowly until resistance is felt. Then pull cord rapidly to overcome compression, prevent kickback and start engine.

- When engine starts, gradually move choke lever to "Full Run Position."
- If the engine fails to start after (3) pulls, move the choke position and pull starter rope again.
- For hot engine starts make sure choke lever is in the "Full Run Position."

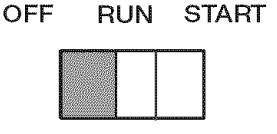
Connecting Electrical Loads

- Let engine run and warm up for about five minutes after starting.
- Plug in the desired 120 or 240 volts tools.
- DO NOT connect 240 volt equipment to the 120 volt duplex receptacles.
- DO NOT connect 3-phase loads to the panel receptacles.

IMPORTANT: You should always add up the rated watts of all lights, tools and appliances you are powering at one time. This total should not exceed the rated capacity of you generator or circuit breaker rating of the receptacle supplying power.

Stopping The Engine

- Disconnect all electrical loads.
- Switch the start/off switch to the off position.



IMPORTANT: Never store engine with fuel in tank, indoors, or in enclosed, poorly ventilated areas or where fuel fumes may reach an open flame.

GENERAL RECOMMENDATIONS

The warranty of the generator does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, operator must maintain the generator as instructed in this manual.

Some adjustments will need to be made periodically to maintain your generator.

MAINTENANCE

CUSTOMER RESPONSIBILITIES TABLE

MAINTNENANCE TASK	Before each use	Every 25 Hours of Every Season	Every 50 Hours of Every Season	Every 100 Hours of Every Season
Check oil level	X	See Note 2		
Change oil			See Note 1	
Clean Air Filter Assembly		X		
Check Spark Plug		X		X
Prepare Unit for Storage	**Prepare unit for storage if it is to remain idle for more than 30 days.**			

Note 1: Change oil after first two (2) operating hours and every 50 operating hours thereafter, more often if operated in extreme dusty or dirty conditions.

Note 2: Check oil after 5 hours of operation (See below - Engine Maintenance - Oil.)

GENERATOR MAINTENANCE

Your generator should be kept clean and dry at all times. The generator should not be stored or operated in enviroments that includes excessive moisture, dust or any corrosive vapors. If these substances are on the generator, clean with a cloth or soft bristle brush. Do not use a garden hose or anything with water pressure to clean the generator. Water may enter the cooling air slots and could possibly damage the rotor, stator and the internal windings of the gen head.

All adjustments in the Maintenance section of this manual should be made at least once each season.

ENGINE MAINTENANCE

Oil

- Oil level should be checked prior to each use and at least every 5 hours of operation. To check oil see **Adding Engine Oil** on page 11.

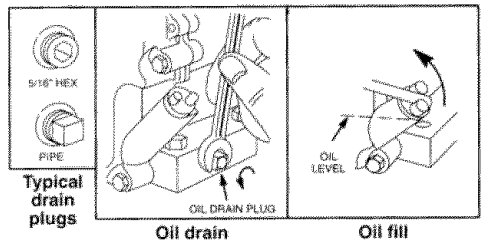
Changing Engine Oil

For a new engine, change oil after the first **5 operating hours.** Thereafter, change oil after every **50 hours** of operation.

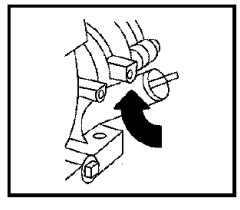
Change the oil while the engine is still warm. The oil will flow freely and carry away more impurities. Make sure the engine is level when filling, checking or changing oil.

Change the oil as follows:

- To keep dirt, grass clippings, etc. out of the engine, clean the area around the drain plug and plug before removing it.
- Remove the oil drain plug and dipstick. Tilt the engine slightly towards the oil drain to obtain better drainage. Be sure to allow ample time for complete drainage.



- Reinstall the drain plug. Make sure it is tightened securely.
- Fill the crankcase with new oil of the proper type (See Adding Oil Section), to the Full mark on the dipstick. Always check the level with the dipstick before adding more oil.
- Reinstall the oil fill cap or plug and tighten securely.



Service Air Cleaner

NOTE: Do not use petroleum solvents, e.g., kerosene, which will cause the cartridge to deteriorate. Do not use pressurized air to clean cartridge. Pressurized air can damage the cartridge.

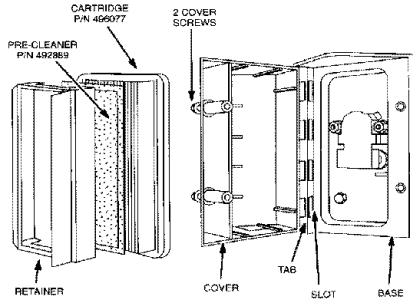
To service air cleaner follow these steps:

- Loosen cover screws. Remove cover and air cleaner assembly from base.
- Remove air cleaner assembly from inside of cover and disassemble.

To service pre-cleaner, wash in liquid detergent and water. Squeeze dry in a clean cloth. Saturate in engine oil. Squeeze in clean, absorbent cloth to remove ALL EXCESS oil. If very dirty or damaged, replace it.

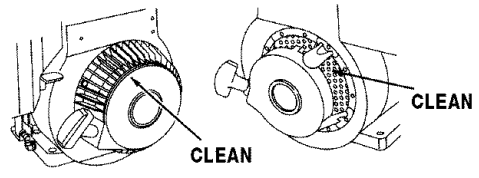
To service cartridge, clean by tapping gently on a flat surface. If very dirty or damaged, replace it. Do not oil cartridge

- Reassemble retainer on pre-cleaner and cartridge (screen side of pre-cleaner toward cartridge pleats.) Install this assembly in cover.
- Insert tabs on cover into slots in base. Tighten cover screws securely.

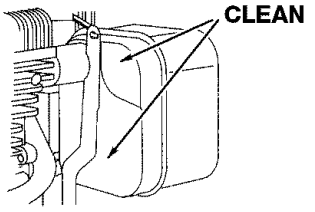


Clean Guard/Muffler

Do not clean with a forceful spray of water because water could contaminate fuel system. With a brush or cloth clean finger guard after every use to prevent engine damage caused by overheating.

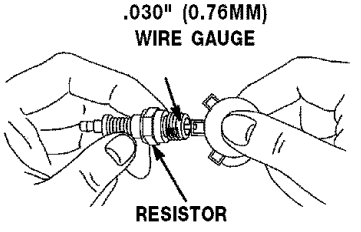


Before running engine, clean muffler area to remove all combustible debris.



Clean and Replace Spark Plug

Change the spark plug every 100 hours of operation or once each year, whichever comes first. This will help your engine to start easier and run better.



SERVICE ADJUSTMENTS

Carburetor

The carburetor of your generator is pre-set at the factory. The carburetor should not be tampered with. If your generator is used at an altitude in excess of 4000 feet, performance may be affected. If so consult with your nearest Sears Service Center regarding high altitude set changes.

Governor

Your engine governor maintains the constant operating speed of your generator. **DO NOT** tamper with the engine governor which is factory set for proper engine speed.

Over-speeding your engine above factory high speed setting can be dangerous and could possibly cause personal injury or property damage. If you believe the engine is running too fast or slow, take your generator to a Authorized Sears Service Center for repair and adjustment.

CAUTION: Low engine speeds impose a heavy load on the engine and when sufficient power is not available the engine life could be shortened.

If you are going to store your generator for more than 30 days, use the following information as a guide to prepare the generator for storage.

STORAGE INSTRUCTIONS

CAUTION: Never store generator with fuel in the tank indoors or in enclosed, poorly ventilated areas, where fumes can reach an open flame, spark or pilot light as on a furnace, water heater, clothes dryer or other gas appliances.

Engine Preparation

- Add fuel stabilizer to fuel tank to minimize the formation of fuel gum deposits during storage.
- Run engine at least 10 minutes after adding stabilizer to allow it to enter the fuel system.
- Next shut off engine.
- Disconnect the spark plug wire and remove the spark plug.
- Add one teaspoon of oil through the spark plug hole.
- Place rag over spark plug hole and pull the recoil a few times to lubricate the combustion chamber.
- Replace the spark plug, but do not connect the spark plug wire.

NOTE: If a fuel stabilizer is not used, all gasoline must be drained from the tank and carburetor to prevent gum deposits from forming on these parts and causing possible malfunction of the engine.

Generator

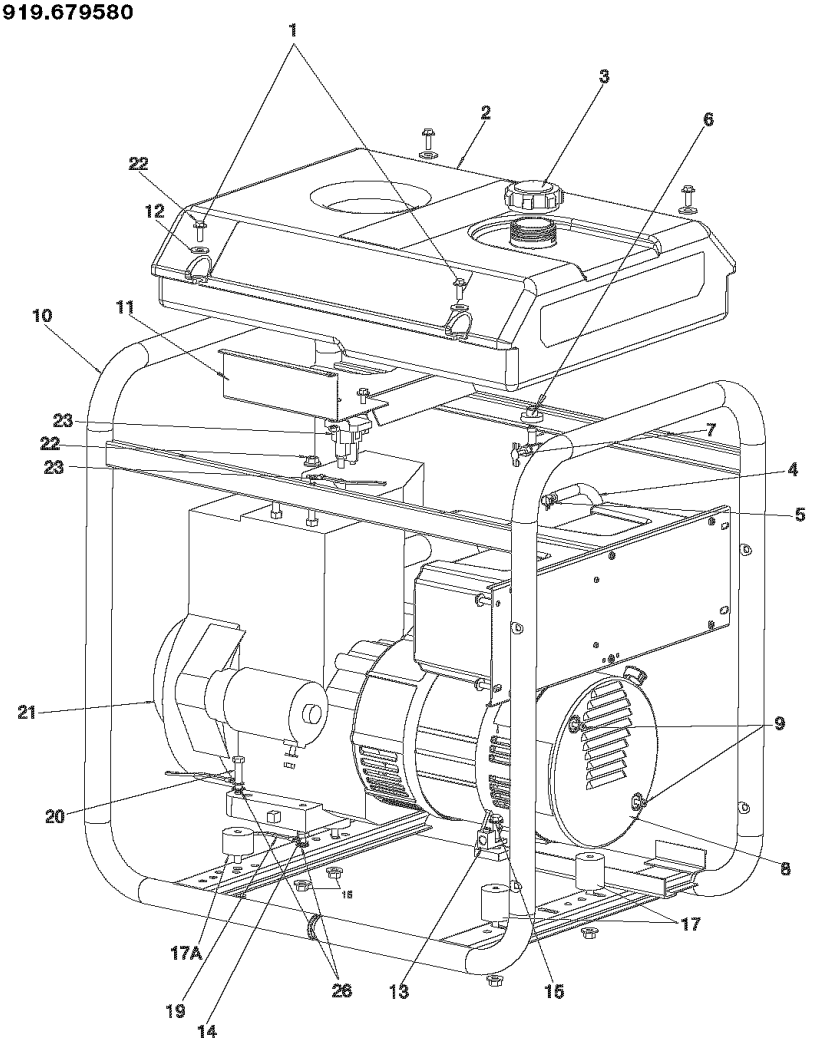
- Clean the generator as outlined on Page 13 (Generator Maintenance)
- Check that cooling air slots and openings on generator are open and unobstructed.

TROUBLESHOOTING GUIDE

PROBLEM	*CAUSE*	*CORRECTION*
Engine will not start	1. Low on fuel or oil. 2. Ignition switch in "Off" position. 3. Faulty spark plug. 4. Choke in wrong position. 5. Fuel shut-off valve in closed position. 6. Unit loaded during start-up. 7. Spark plug wire loose.	1. Add fuel or oil. 2. Turn to "ON" position 3. Replace spark plug. 4. Adjust choke accordingly. 5. Open fuel shut-off valve. 6. Remove load from unit. 7. Attach wire to spark plug.
No electrical output	1. Faulty receptacle. 2. Circuit breaker kicked out. 3. Defective capacitor. 4. Faulty power cord. 5. GFCI switch breaker kicked out (if equipped)	1. Have Service Center replace. 2. Depress and reset. 3. Have Service Center replace capacitor. 4. Repair or replace cord. 5. Depress and reset.
Repeated circuit breaker tripping	1. Overload 2. Faulty cords or equipment.	1. Reduce load. 2. Check for damaged, bare, or frayed wires on equipment. Replace.
Generator overheating	1. Generator overloaded. 2. Insufficient ventilation.	1. Reduce load. 2. Move to adequate supply of fresh air.
DC does not have power with the circuit breaker depressed	1. Faulty rectifier 2. Faulty windings in stator 3. Faulty wire harness	1. Have Service Center replace. 2. Have Service Center replace. 3. Have Service Center replace.

GENERATOR PARTS

CRAFTSMAN 5800 GENERATOR 919.679580

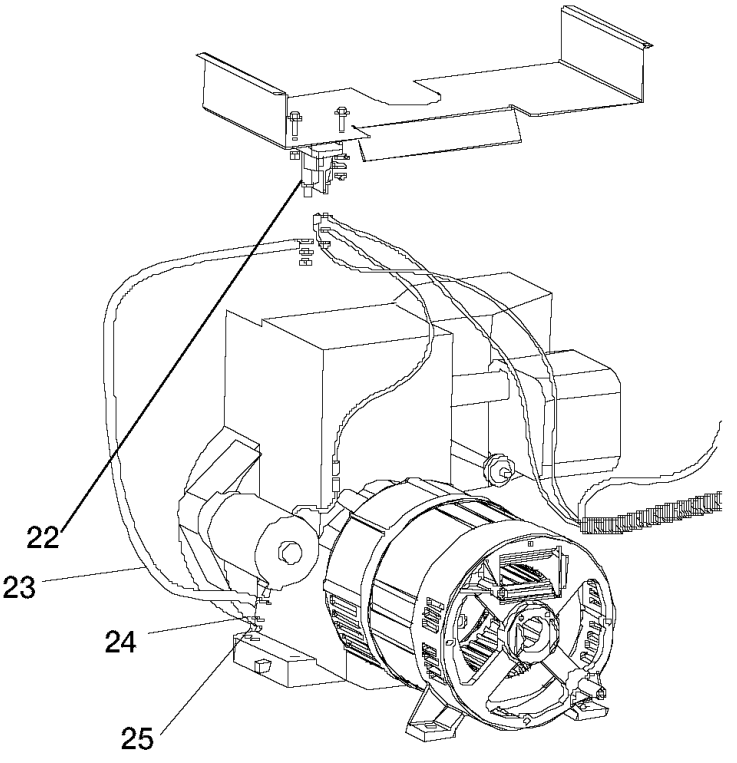


KEY

NO.	DESCRIPTION	PART NUMBER
1	FUEL TANK SCREWS	91895680
2	FUEL TANK	GS-0444
3	FUEL CAP	GS-0443
4	FUEL HOSE	GS-0225
5	FUEL LINE CLAMP	GS-0227
6	DRAINCOCK GROMMET	GS-0446
7	TANK DRAINCOCK	GS-0437
8	ENDCOVER	GS-0077
9	SCREW #10-24 x 9/16	SSF-553-1
10	FRAME ASSEMBLY	GS-0631
11	HEAT SHIELD	GS-0432-1
12	WASHER	SSN-632
13	GROUND LUG	GS-0117
14	SCREW, CAP 5/16-18 X 3/4	SS-12-CD
15	SCREW HEXWASHER, UNSLOTTED	SSF-928
16	LOCK NUT 5/16-18	SSF-8150
17	ISOLATOR (FRONT)	GS-0033
17A	ISOLATOR (REAR)	GS-0433
18	LOCK WASHER	SSN-1619-ZN
19	GROUND STRAP	GS-0118
20	HEX CAP SCREW 5/16-18	95829230
21	ENGINE	GS-0634

GENERATOR PARTS

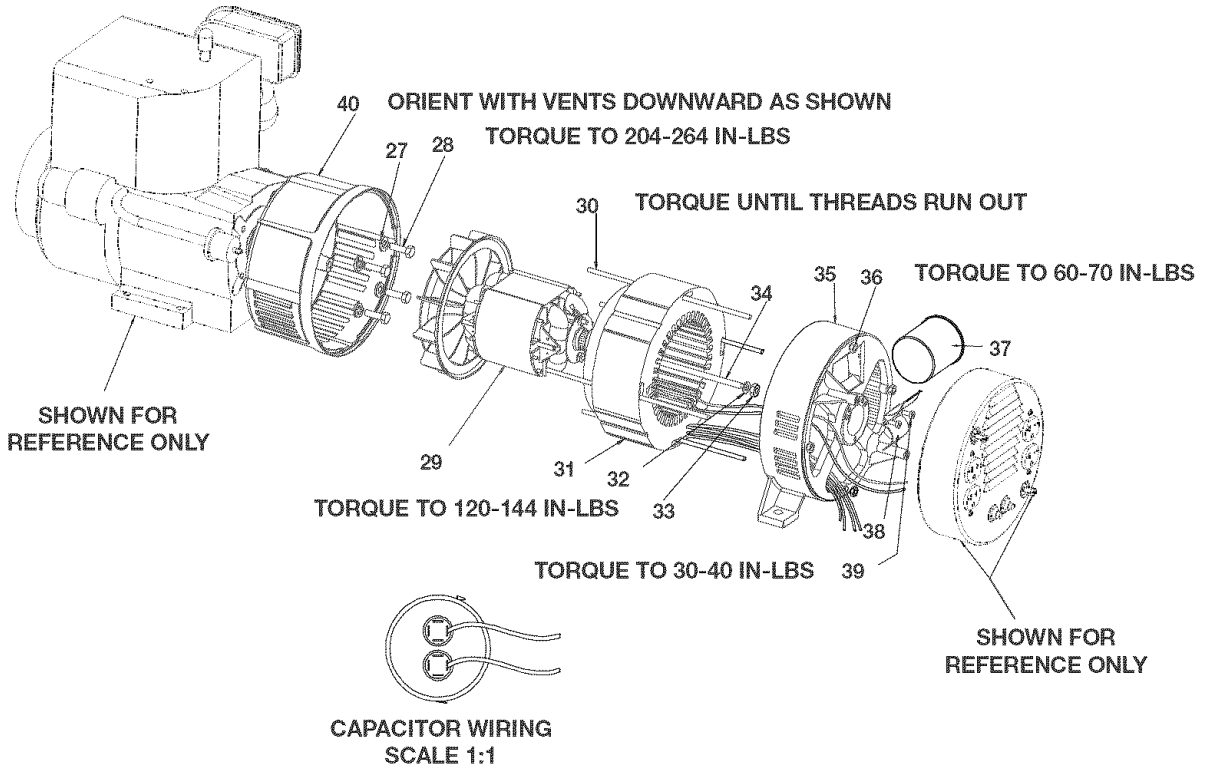
CRAFTSMAN 5800 GENERATOR 919.679580



KEY NO.	DESCRIPTION	PART NUMBER
22	SOLENIOD	GS-0545
23	SOLENIOD CABLE	GS-0647
24	FLAT WASHER	SS-6506-CD
25	NUT 1/4-20 HEXKEPS	SSF-575
26	LOCKWASHER	SSN-16-19-ZN

GENERATOR PARTS

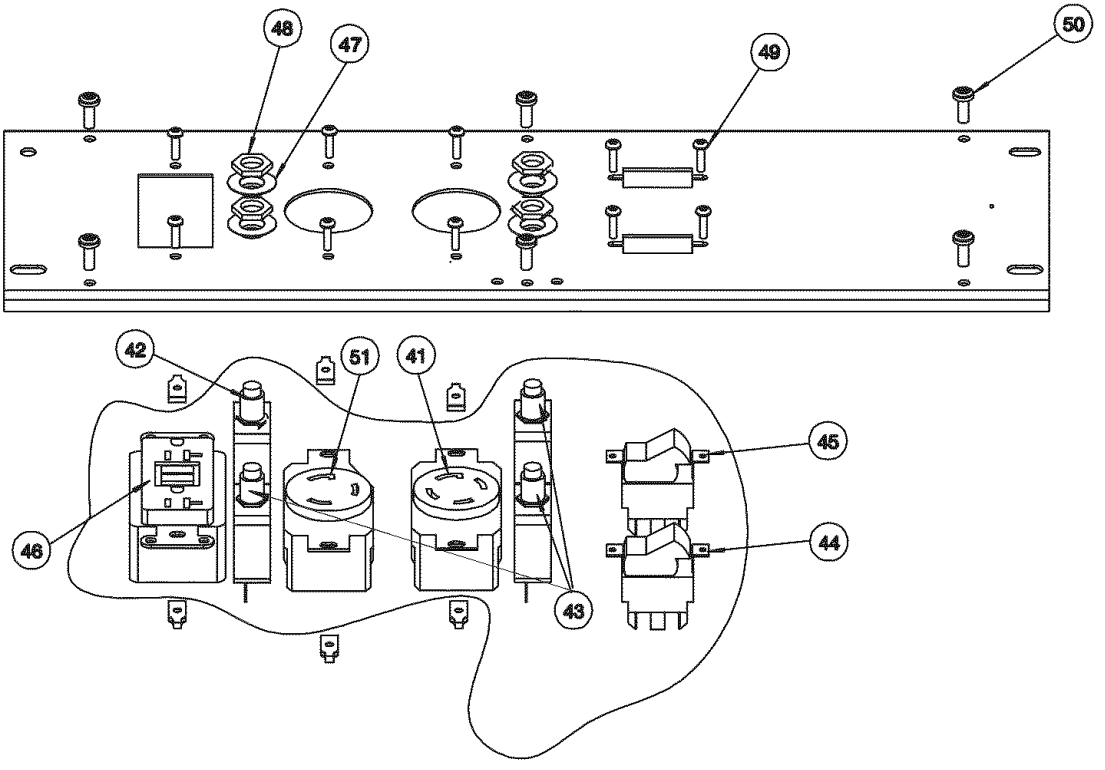
CRAFTSMAN 5800 GENERATOR 919.679580



KEY NO.	DESCRIPTION	PART NUMBER
27	LOCK WASHER 3/8	SSN-619
28	CAP SCREW 3/8-16 x 1	SSF-577
29	ROTOR ASSEMBLY	GS-0637
30	STATOR THRU BOLT	GS-0640
31	STATOR ASSEMBLY	GS-0639
32	WASHER 11/16OD x 11/32	SS-6506-CD
33	NUT 5/16-24	SSF-576
34	ROTOR THRU BOLT	GS-0638
35	BEARING SUPPORT	GS-0521
36	HEX NUT 1/4-20	SSF-575
37	CAPACITOR	GS-0592
38	CAPACITOR BRACKET	GS-0595
39	SCREW 10-32	SSF-553
40	DRIVE END ADAPTER	GS-0076
	ITEM NOT SHOWN	
	*DIODES	GS-0082

GENERATOR PARTS

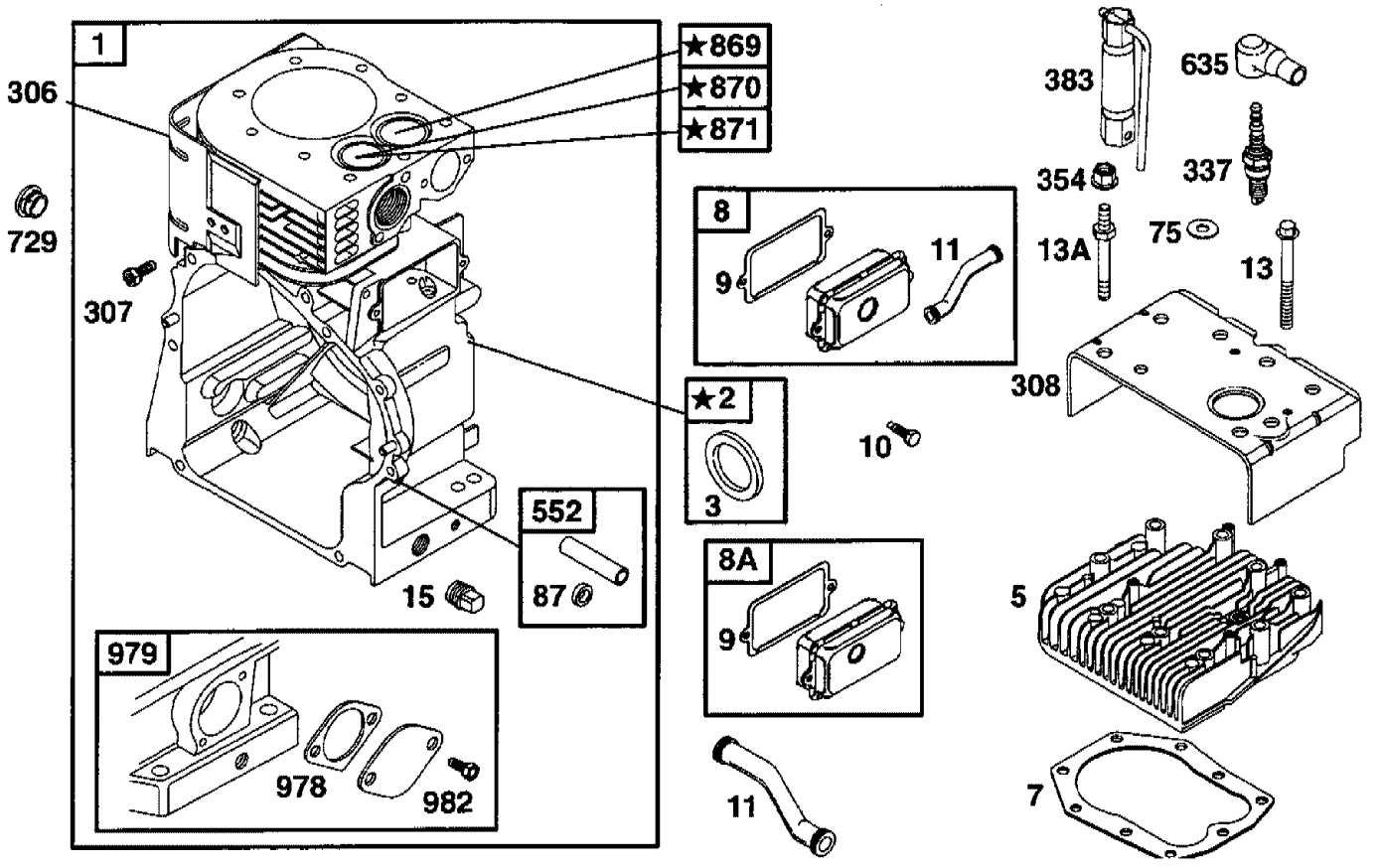
CRAFTSMAN 5800 GENERATOR 919.679580



KEY NO.	DESCRIPTION	PART NUMBER
41	4 PRONG TWISTLOCK 240V	GS-0455
42	CIRCUIT BREAKER 15 AMP	GS-0024
43	CIRCUIT BREAKER 25 AMP	GS-0645
44	FULL POWER SWITCH	GS-0045
45	ON/OFF(ON/OFF/START)	GS-0046
46	GFCI 120 V/15AMP RECEPTACLE	GS-0806
47	SWITCH FACE PLATE RESET	GS-0207
48	NUT, HEX JAM	SSF-595
49	SCREW #6-32 x 5 TORX	SSF-583
50	SCREW 10-9 x .50 PLASTITE	SSF-3156
51	3 PRONG TWISTLOCK 120V	GS-0021

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS 4 CYCLE ENGINE MODEL**



REF. NO.	PART NO.	DESCRIPTION
1	497411	Cylinder Assembly
2	399265	Bushing/Seal Kit
3	★391086	Seal–Oil
5	212914	Head–Cylinder
7	Ø★271866	Gasket–Cylinder Head
8	498038	Breather Assembly
8A	495736	Breather Assembly
9	Ø★27803	Gasket–Breather
10	94621	Screw–Hex.
11	280819	Tube–Breather
11A	280225	Tube–Breather
13	94622	Screw–Hex.
13A	94776	Stud–Hex. Drive
15	94239	Plug–Oil Drain
		——— Note ———
		92738 Plug–Oil Drain (Magnetic)
75	225137	Washer–Flat
		Used on Type No(s). 0140, 1140.

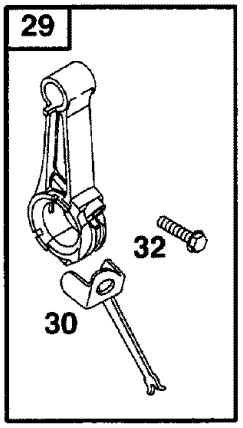
REF. NO.	PART NO.	DESCRIPTION
87	★491323	Seal–Governor Shaft
306	224882	Shield–Cylinder
307	94930	Screw–Hex.
308	224897	Cover–Cylinder
337	802592	Plug–Spark
354	94726	Nut–Hex.
383	89838	Wrench–Spark Plug
552	491893	Bushing–Gov. Crank
635	66538	Boot–Spark Plug
729	281396	Clip–Wire
869	261463	Seat–Valve (Intake)
870	262924	Seat–Valve (Exhaust)
871	261961	Bushing–Guide (Exhaust)
978	★271736	Gasket
979	494807	Cover–OIL GARD®
982	94139	Screw–Hex.

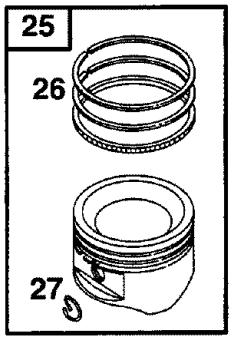
REF. NO.	PART NO.	DESCRIPTION
1019	497156	Label Kit
1058	273682	Owner's Manual Emission Engines (Used After Code Date 97063000).
		——— Note ———
		273130 Owner's Manual Emission Engines (Used Before Code Date 97070100).
		272848 Owner's Manual Non Emission Engines

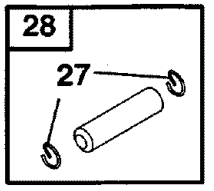
★ Included in Gasket Set–Part No. 497511.
• Included in Carburetor Kit–Part No. 497450.
♦ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

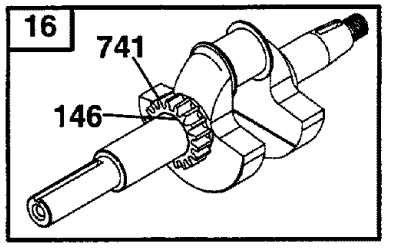
ENGINE PARTS

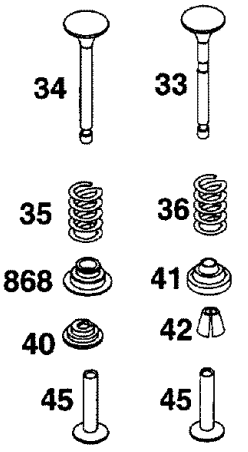
CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**











REF. NO.	PART NO.	DESCRIPTION
16	491645	Crankshaft
		Note
		399723 Crankshaft Used on Type No(s). 0101, 0130, 0601, 0660, 0661, 0695, 1101, 1130, 1161, 1195.
		491635 Crankshaft Used on Type No(s). 0143, 1196.
		491642 Crankshaft Used on Type No(s). 0135, 0635, 1135.
		491644 Crankshaft Used on Type No(s). 0012, 0015, 0020, 0025, 0027, 0028, 0115, 0139, 0140, 0156, 0173, 0512, 0515, 0525, 0527, 0528, 0696, 1012, 1015, 1020, 1025, 1027, 1028, 1029, 1140, 1156.
		497428 Crankshaft Used on Type No(s). 1174.
		497130 Crankshaft Used on Type No(s). 0121.
25	499285	Piston Assembly (Standard)
26	495854	Ring Set (Standard)
27	263129	Lock–Piston Pin (Used After Code Date 95101500).
		Note
		260924 Lock–Piston Pin (Used Before Code Date 95101600).
28	498319	Pin–Piston (Standard) (Used After Code Date 95101500).
		Note
		299691 Pin–Piston (Standard) (Used Before Code Date 95101600).
		498320 Pin–Piston (.005" O.S.) (Used After Code Date 95101500).
		391286 Pin–Piston (.005" O.S.) (Used Before Code Date 95101600).
29	490348	Rod–Connecting (Standard)
		Note
		490469 Rod–Conn. (.020" Undersize)
30	222329	Dipper–Conn. Rod
32	92909	Screw–Conn. Rod
33	261185	Valve–Exhaust
34	261462	Valve–Intake
35	65906	Spring–Valve (Intake)
36	26828	Spring–Valve (Exhaust)
40	221596	Retainer–Valve
41	292260	Retainer–Valve
42	494553	Keeper–Valve
45	262248	Tappet–Valve
146	94196	Key–Timing
741	262932	Gear–Timing (Used After Code Date 93040200).
		Note
		262135 Gear–Timing (Used Before Code Date 93040300).
868	497212	Seal–Valve

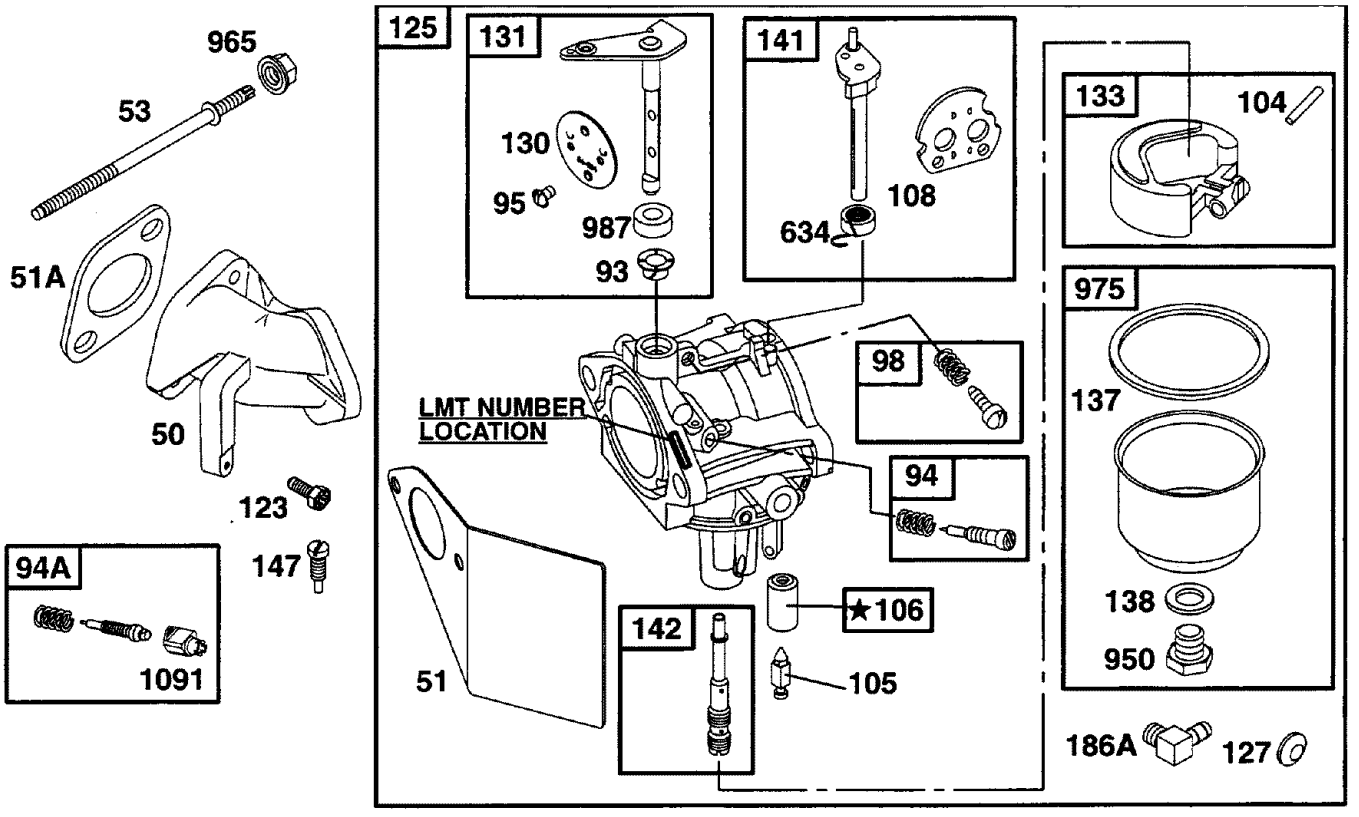
★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**



REF. NO.	PART NO.	DESCRIPTION
50	214170	Manifold– Intake
51	•◆272708	Gasket–Intake
51A	∅★272707	Gasket–Intake
53	94778	Stud–Carburetor Mounting
93	•281346	Bushing–Throttle Shaft
94	496589	Valve–Idle Adjustment (Used on LMT 175)
		Note
		494383 Valve–Idle Adjustment (Used on LMT 101)
94A	498030	Valve–Idle Adjustment
95	•94098	Screw–Slotted
98	495800	Screw–Idle Speed
104	•231789	Pin–Float Hinge
105	•231935	Valve–Needle
106	•231856	Seat–Inlet
108	224666	Valve–Choke
123	94616	Screw–Torx® Hex.
125	497451	Carburetor (LMT 101 and 175)
		Note
		690144 Carburetor (LMT 176)
127	•	Plug–Welch (Sold in Kit Only)

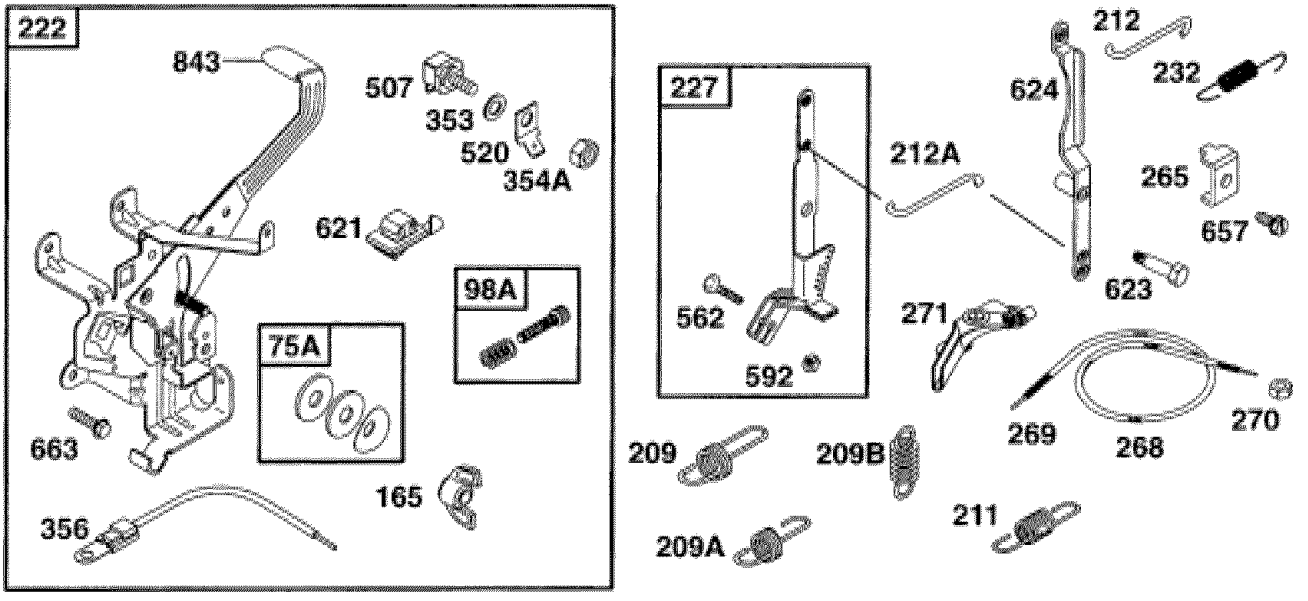
REF. NO.	PART NO.	DESCRIPTION
130	224539	Throttle Valve Kit
131	497846	Throttle Valve Kit
133	494381	Float–Carburetor
137	•◆281165	Gasket–Float Bowl
138	•◆281164	Washer
141	497160	Choke Shaft Kit
142	499744	Nozzle–Carburetor (Standard) (Used on LMT 175)
		Note
		•**497448** Nozzle–Carb. (Standard) (Used on LMT 101) **690145** Nozzle–Carb. (Standard) (Used on LMT 176)
		499826 Nozzle–Carb. (High Altitude) (Used on LMT 175) **497449** Nozzle–Carb. (High Altitude) (Used on LMT 101) **499744** Nozzle–Carb. (High Altitude) (Used on LMT 176)

REF. NO.	PART NO.	DESCRIPTION
147	•497472	Jet–Pilot (Used on LMT 101)
186A	493496	Connector–Hose
634	•494455	Seal–Spring Assembly
950	94642	Screw–Bowl Mounting
965	94010	Nut–Hex.
975	495933	Bowl–Float
987	•281166	Seal–Throttle Shaft
1091	281364	Cap–Limiter

★ Included in Gasket Set–Part No. 497511.
• Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
∅ Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

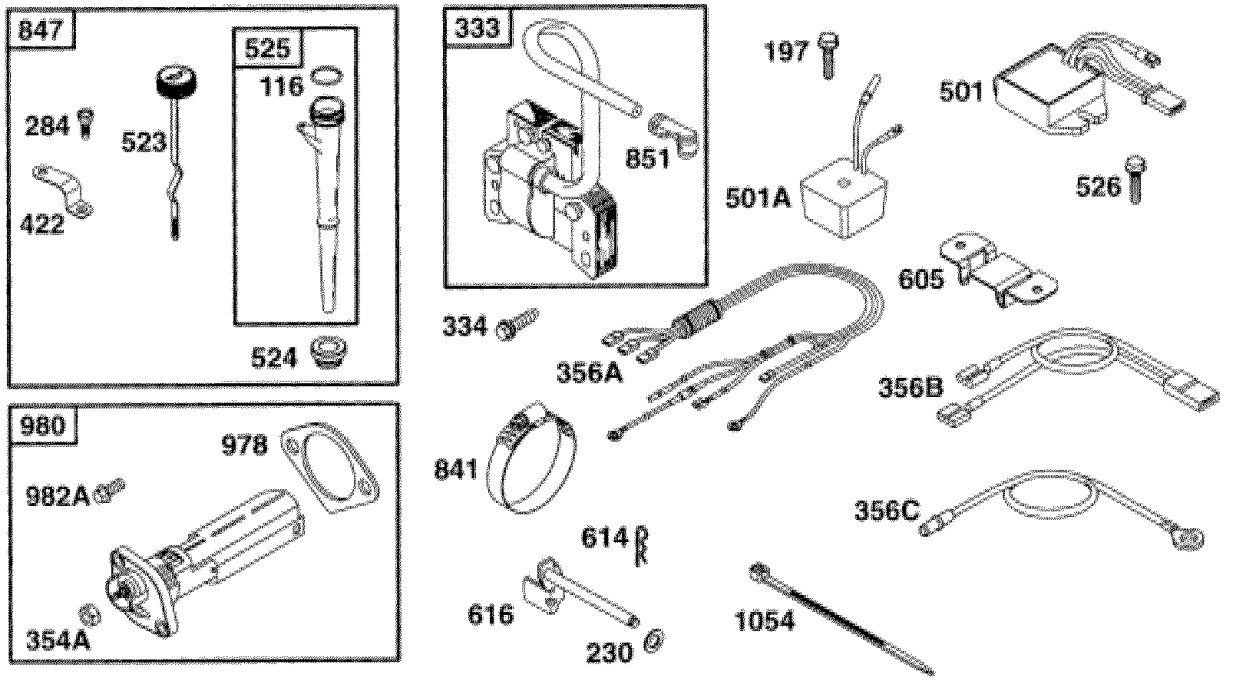


REF. NO.	PART NO.	DESCRIPTION
75A	495659	Washer Set
98A	493280	Screw–Idle Speed
165	94692	Nut–Wing
209	263214	Spring–Governor (Used After Code Date 97042700). —— Note —— 263237 Spring–Gov. (Used After Code Date 97042700). Used on Type No(s). 0012, 0015, 0020, 0025, 0027, 0028, 0101, 0115, 0130, 0139, 0140, 0143, 0156, 0173, 0512, 0515, 0525, 0527, 0528, 0601, 0660, 0661, 0695, 0696, 1012, 1015, 1020, 1025, 1027, 1028, 1029, 1101, 1130, 1140, 1156, 1161, 1174, 1195, 1196.
209A	263055	Spring–Governor (Used Before Code Date 97042800).
209B	260723	Spring–Governor Used on Type No(s). 0121.
211	263238	Spring–Governor Idler (Used After Code Date 97042700).
212	263049	Link–Throttle
212A	263050	Link–Throttle
222	499104	Bracket–Control (Used After Code Date 97042700). —— Note —— 499107 Bracket–Control (Used After Code Date 97042700). Used on Type No(s). 0004, 0006, 0007, 0008, 0026, 0070, 0111, 0113, 0116, 0120, 0121, 0124, 0128, 0129, 0132, 0133, 0134, 0135, 0136, 0137, 0153, 0506, 0570, 0634, 0635, 0653, 1004, 1006, 1007, 1008, 1070, 1132, 1133, 1134, 1135, 1136, 1153, 1177. 496313 Bracket–Control (Used Before Code Date 97042800). Used on Type No(s). 0101, 0130, 0143, 0601.
227	499096	Lever–Governor —— Note —— 496254 Lever–Governor (Used Before Code Date 97042800).
232	263020	Spring–Link
265	221535	Clamp–Casing
268	65616	Casing–Wire (Cut to Required Length)
269	26633	Wire–Control (Cut to Required Length)
270	63426	Locknut–Casing
271	290568	Lever–Control
353	92791	Washer–Lock
354A	90576	Nut–Hex.
356	496868	Wire–Stop
507	398525	Insulator
520	93722	Terminal
562	92613	Bolt–Governor Lever
592	231082	Nut–Hex.
621	396847	Switch–Stop
623	231520	Screw–Shoulder (Throttle Return)
624	497207	Lever–Linkage
657	93496	Screw–Slotted Hex.
663	94929	Screw–Hex.
843	280643	Sleeve–Lever

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
∅ Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

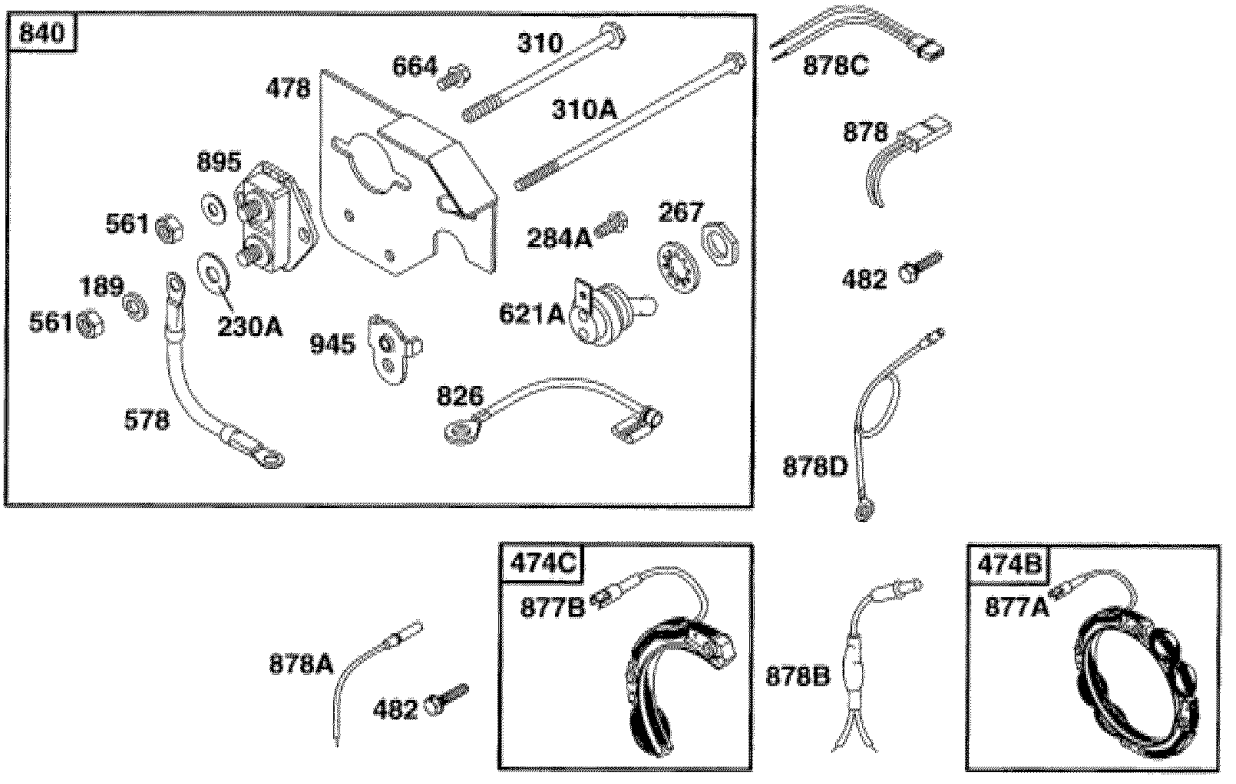


REF. NO.	PART NO.	DESCRIPTION
116	⋆270920	Seal–O-Ring
197	94137	Screw–Hex.
230	94927	Washer–Flat
284	93886	Screw–Shoulder
333	398811	Armature–Magneto
334	94731	Screw–Hex.
354A	90576	Nut–Hex.
356A	496614	Wire–Stop
		Note
		496612 Wire–Stop Used on Type No(s). 0012, 0015, 0020, 0025, 0026, 0027, 0028, 0111, 0113, 0115, 0121, 0135, 0139, 0140, 0156, 0173, 0512, 0515, 0525, 0527, 0528, 0635, 0660, 0661, 0695, 0696, 1012, 1015, 1020, 1025, 1027, 1028, 1029, 1135, 1140, 1156, 1161, 1195.
356B	491391	Wire–Stop
356C	499649	Wire–Stop
422	225110	Bracket–Oil Fill
501	394890	Regulator
501A	491546	Regulator
523	497213	Dipstick
524	⋆281370	Seal–Fill Tube
525	495347	Tube–Oil Fill
526	93343	Screw–Hex.
605	222934	Bracket–Mounting
614	93306	Pin–Cotter
616	496845	Crank–Governor
841	393514	Clamp
847	497459	Dipstick/Tube Assembly
851	493880	Terminal–Cable
978	⋆271736	Gasket
980	398182	OIL GARD® Kit
982A	94657	Screw–Hex.
1054	280275	Tie–Cable

⋆ Included in Gasket Set–Part No. 497511.
• Included in Carburetor Kit–Part No. 497450.
• Included in Carburetor Gasket Set–Part No. 497069.
∅ Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

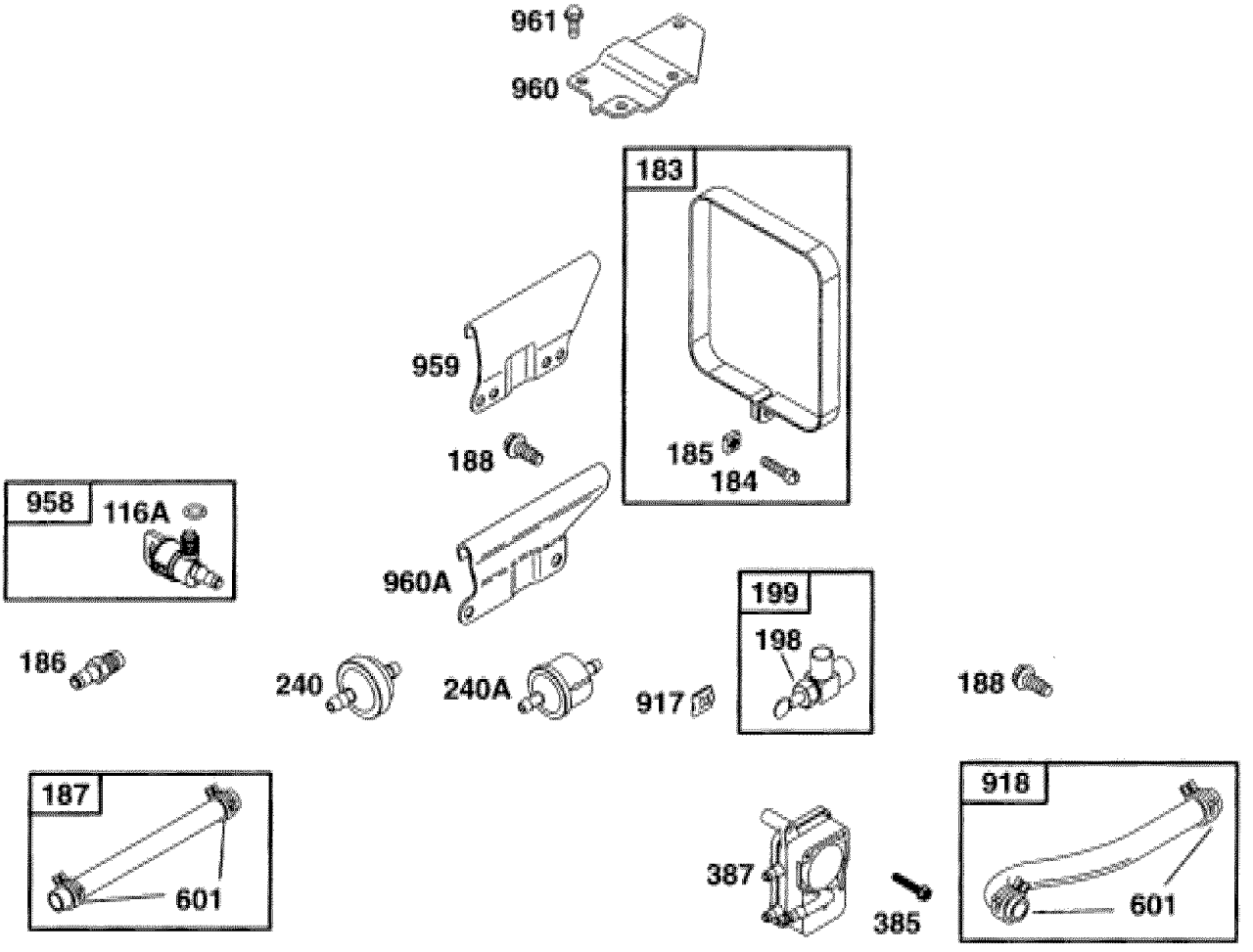


REF. NO.	PART NO.	DESCRIPTION
189	90366	Washer–Lock
230A	91325	Washer–Flat
267	93888	Nut–Hex.
284A	94602	Screw–Hex.
310	94169	Screw–Hex.
310A	94003	Screw–Hex.
474B	392595	Alternator
474C	391529	Alternator
478	395410	Panel
482	93621	Screw–Hex.
561	92278	Nut–Hex.
578	392683	Wire Assembly
621A	496590	Switch–Toggle
664	93415	Screw–Hex.
826	397674	Harness–Wiring (Starter Switch to Ground Wire Terminal)
840	395408	Kit–Panel
877	393456	Wire–Alternator
877A	393537	Wire–Alternator
877B	393814	Wire–Alternator
878	393362	Harness–Alternator
878A	393422	Harness–Alternator
878B	392606	Harness–Alternator
878C	399916	Harness–Alternator
878D	499649	Harness–Alternator Used on Type No(s). 1133, 1134.
895	299139	Switch–Starting
945	223159	Bracket–Motor

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
∅ Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

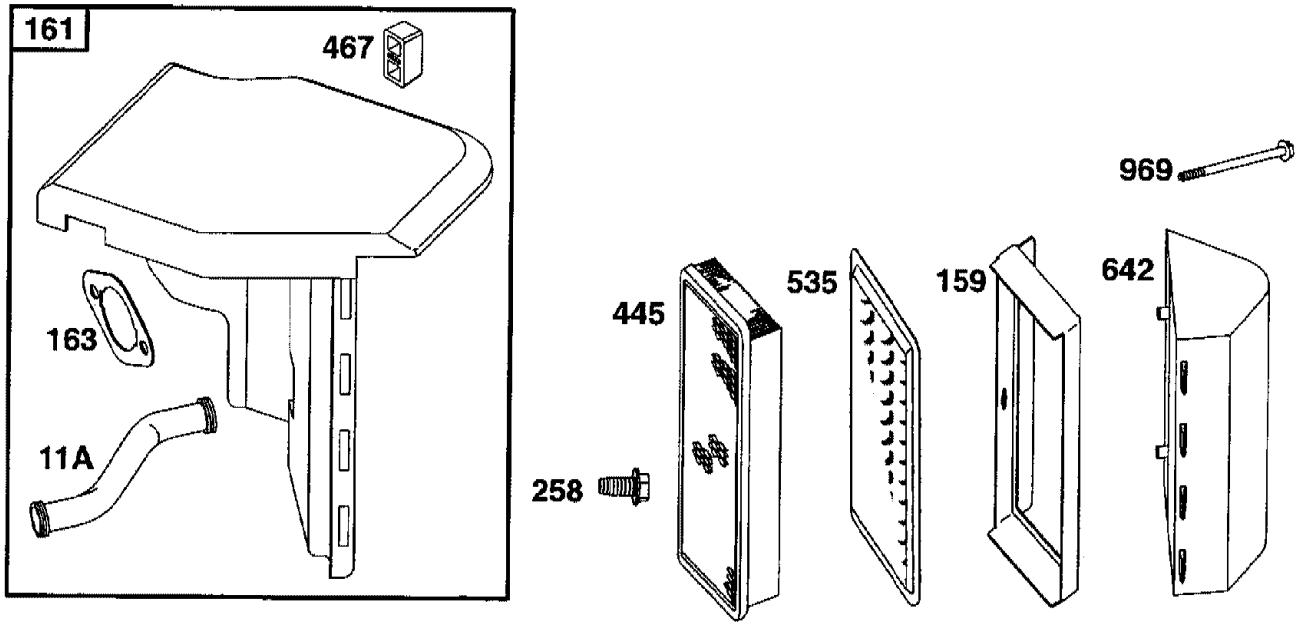


REF. NO.	PART NO.	DESCRIPTION
116A	280203	Seal–O-Ring
183	291490	Strap–Fuel Tank
184	91257	Screw–Slotted
185	90970	Nut
186	230318	Connector–Hose
187	296004	Line–Fuel (Cut to Required Length)
187A	497029	Line–Fuel (Molded)
188	94627	Screw–Hex
198	293934	Screw–Shut-Off
199	297563	Valve–Shut–Off
240	394358	Filter–Fuel (Used With Fuel Pump)
240A	493629	Filter–Fuel
385	94789	Screw–Hex.
387	496257	Pump–Fuel
601	93053	Clamp–Hose
917	223271	Handle–Shut-Off Valve
918	398367	Line–Vacuum (Cut to Required Length)
957	493988	Cap–Fuel Tank
958	399517	Valve–Shut-Off
959	224856	Bracket–Fuel Tank
960	224854	Bracket–Fuel Tank
960A	492990	Bracket–Fuel Tank Used on Type No(s). 0140, 1140.
961	94095	Screw–Hex.

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

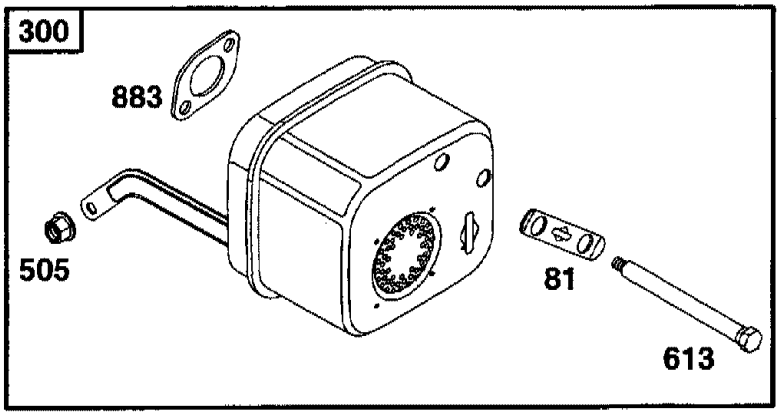


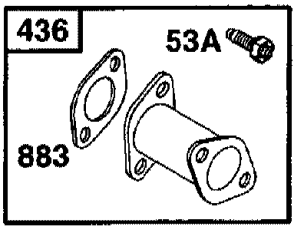
REF. NO.	PART NO.	DESCRIPTION
11A	**280819**	Tube–Breather (Used After Code Date 95010100).
		Note
		281426 Tube–Breather (Used Before Code Date 95010200).
159	**281358**	Support–Air Cleaner
161	**497669**	Base–Air Cleaner (Used After Code Date 95010100).
		Note
		498544 Base–Air Cleaner (Used Before Code Date 95010200).
163	Ø★**273101**	Gasket–Air Cleaner (Used After Code Date 95010100).
		Note
		Ø★**272706** Gasket– Air Cleaner (Used Before Code Date 95010200).
258	**94930**	Screw–Hex.
445	**496077**	Filter–Air
467	**280715**	Knob–Control
535	**492889**	Filter–Air
642	**281357**	Cover–Air Cleaner
969	**94777**	Screw–Slotted Hex.

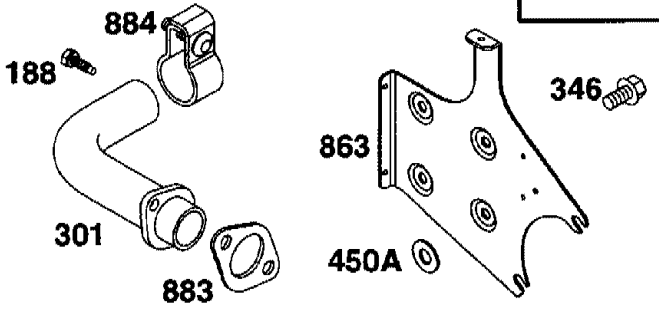
★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**







REF. NO.	PART NO.	DESCRIPTION
53A	**94755**	Screw–Torx®
81	**223016**	Lock–Muffler Screw
188	**94627**	Screw–Hex.
300	**497470**	Muffler–Exhaust
300A	**498984**	Muffler–Exhaust (Used After Code Date 97012300).
		——— **Note** ———
		493963 Muffler–Exhaust (Used Before Code Date 97012400).

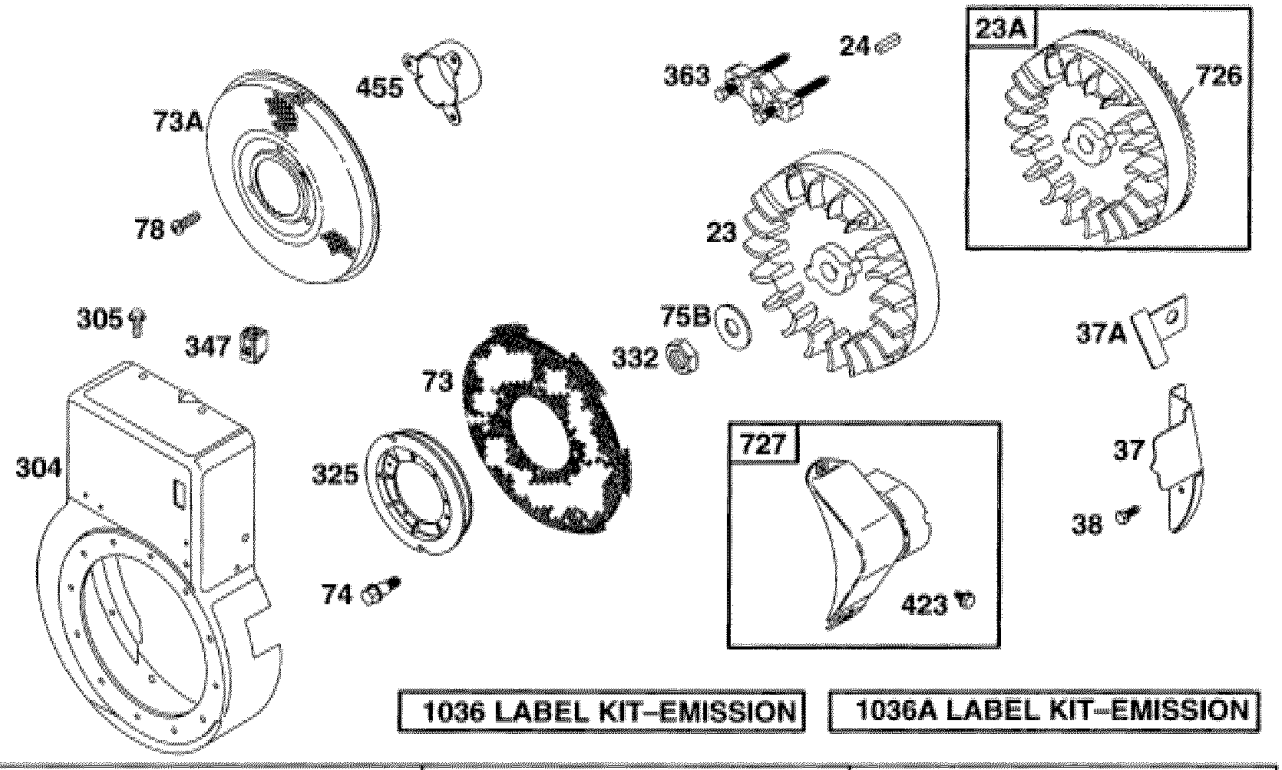
REF. NO.	PART NO.	DESCRIPTION
301	**494447**	Pipe–Exhaust
346	**94786**	Screw–Hex.
346A	**93705**	Screw–Hex.
436	**497469**	Manifold–Exhaust
450A	**93852**	Washer–Flat
505	**94726**	Nut–Hex.
613	**93927**	Screw–Shoulder
663	**93343**	Screw–Hex.

REF. NO.	PART NO.	DESCRIPTION
836	**94186**	Screw–Hex.
863	**224560**	Bracket–Muffler
883	Ø★**272293**	Gasket–Exhaust
884	**392649**	Clamp–Muffler

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**



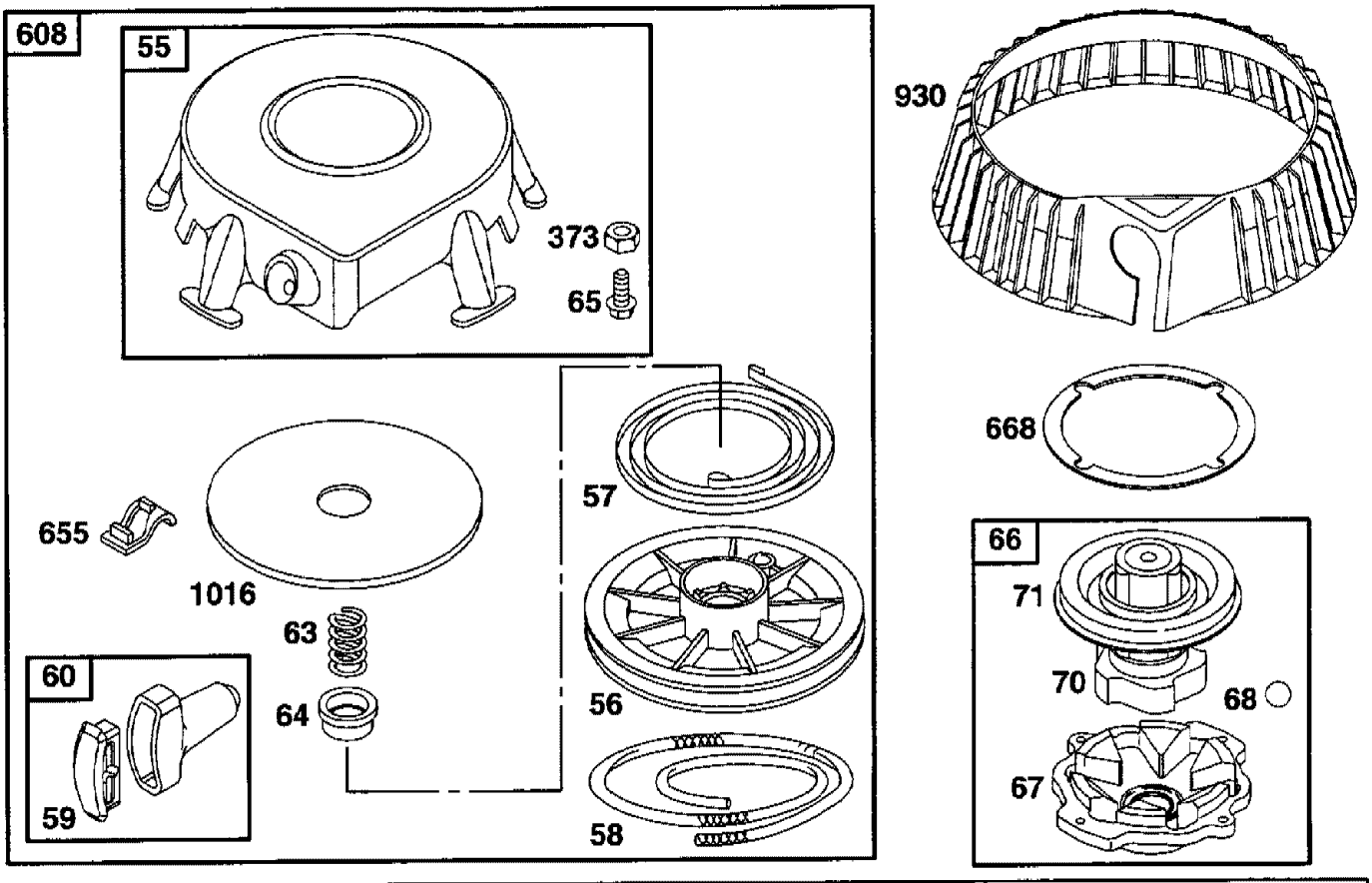
1036 LABEL KIT–EMISSION **1036A LABEL KIT–EMISSION**

REF. NO.	PART NO.	DESCRIPTION
23	498896	Flywheel (Used After Code Date 96062300).
		Note
		392157 Flywheel (Used Before Code Date 96062400).
23A	498911	Flywheel (Used After Code Date 96062300).
		Note
		391988 Flywheel (Used Before Code Date 96062400). 392366 Flywheel Used on Type No(s). 0008, 0020, 1008, 1020.
24	222698	Key–Flywheel
37	224886	Guard–Flywheel
37A	224871	Guard–Flywheel
38	94811	Screw–Hex.
73	224874	Screen–Rotating
73A	224517	Screen–Rotating
74	94928	Screw–Shoulder
75B	224061	Washer–Flywheel
78	94626	Screw–Phillips
304	497474	Housing–Blower (Red)
		Note
		497591 Housing–Blower (Black)
305	94786	Screw–Hex.
325	280457	Pulley–Starter
332	92284	Nut–Flywheel
347	495098	Switch–Rocker
363	19203	Flywheel Puller
423	94625	Screw–Shoulder
455	222561	Cup–Flywheel
726	392134	Gear–Ring
		Note
		399676 Gear–Ring Used on Type No(s). 0008, 0020.
727	395405	Cover–Starter Drive
1036	499360	Label Kit–Emission Used on Type No(s). 1004, 1006, 1007, 1008, 1012, 1015, 1020, 1025, 1027, 1028, 1029, 1070, 1101, 1130, 1132, 1133, 1134, 1135, 1136, 1140, 1153, 1154, 1156, 1161, 1174, 1195, 1196, 1198.
1036A	499359	Label Kit–Emission Used on Type No(s). 0506, 0512, 0525, 0527, 0528, 0570, 0601, 0634, 0635, 0653, 0660, 0661, 0695, 0696.

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
♦ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

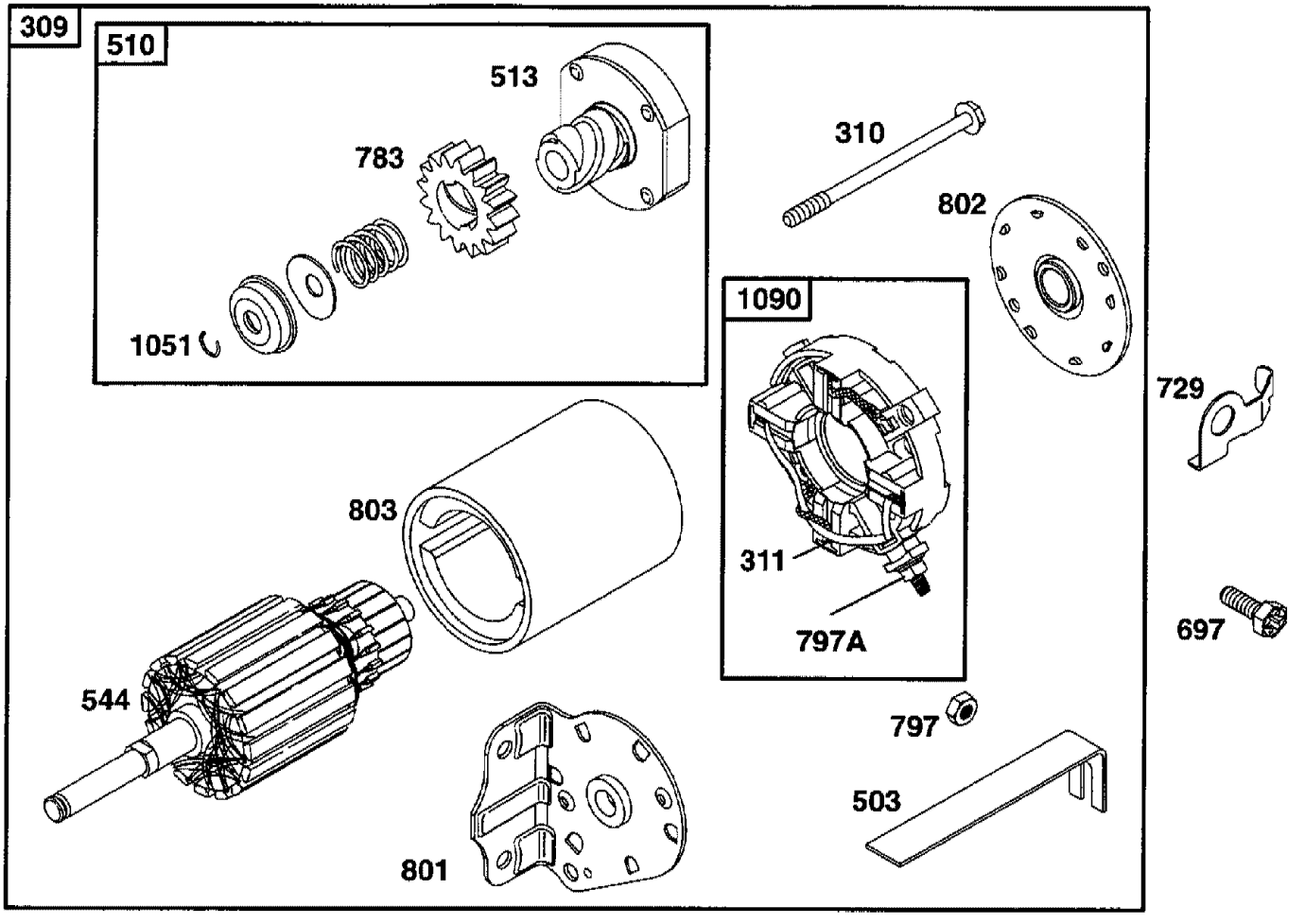


REF. NO.	PART NO.	DESCRIPTION
55	393576	Housing–Rewind Starter
56	295871	Pulley–Starter
57	490179	Spring–Rewind Starter
58	66894	Rope–Starter (75" Long)
59	490653	Insert–Grip
60	490652	Grip–Starter Rope
63	260414	Spring–Ratchet
64	281204	Adapter–Spring
65	94128	Screw–Hex.
66	399671	Clutch–Starter
67	394897	Housing–Clutch
68	63770	Ball–Clutch
70	298799	Ratchet–Clutch
71	394506	Cover–Ratchet
373	92987	Nut–Hex.
608	390391	Starter–Rewind
655	222598	Anchor–Rewind Spring
668	225124	Spacer
930	280685	Guard–Rewind
1016	490817	Spacer–Rewind
110	225137	Washer–Flat
309	497595	Motor–Starter
310A	94003	Screw–Hex.
311	497608	Brush Set
503	806000	Strap–Starter
510	497606	Drive–Starter

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
∅ Included in Valve Overhaul Gasket Set–Part No. 498538.

ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**



REF. NO.	PART NO.	DESCRIPTION
309	693054	Motor–Starter (3 5/8" Housing Lgth.)
		——— Note ———
		499521 Motor–Starter (4 3/8" Housing Lgth.)
310	94003	Bolt (Starter Motor) (For 3 5/8" Housing Length)
		——— Note ———
		95035 Bolt (Starter Motor) (For 4 3/8" Housing Length)

REF. NO.	PART NO.	DESCRIPTION
311	497608	Brush Set
503	806000	Strap–Starter
510	497606	Drive–Starter
513	398003	Clutch–Drive
544	497603	Armature–Starter (3 5/8" Housing Length)
697	94773	Screw (Starter Motor Mounting)
729	225170	Clip–Wire
783	693059	Gear–Starter
797	92278	Nut (Starter Terminal)

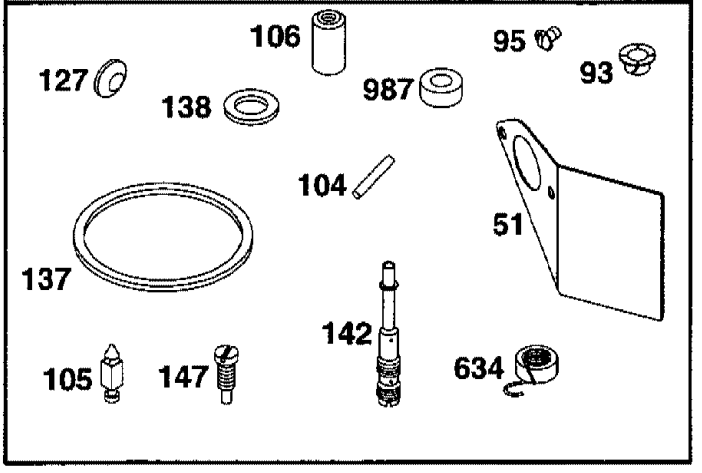
REF. NO.	PART NO.	DESCRIPTION
797A	693167	Nut (Starter Terminal)
801	497626	Cap–Drive
802	497607	Cap–End
803	497604	Housing–Starter (3 5/8" Housing Length)
1051	263080	Ring–Retaining
1090	497605	Retainer–Brush

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

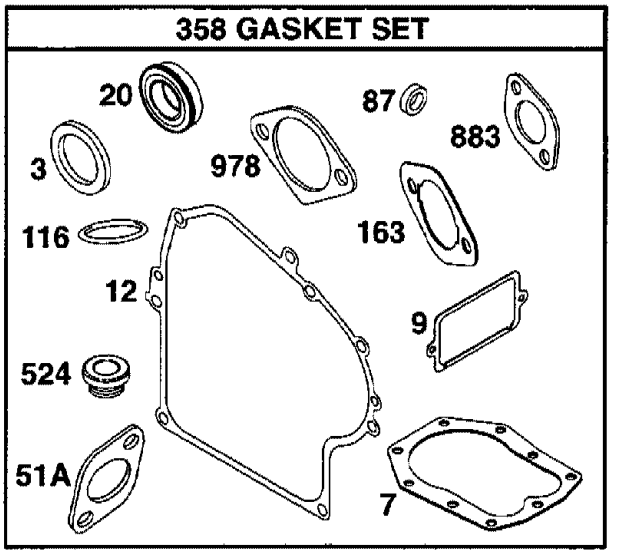
ENGINE PARTS

CRAFTSMAN 5800 GENERATOR 919.679580 **BRIGGS MODEL# 256427-1162-E1**

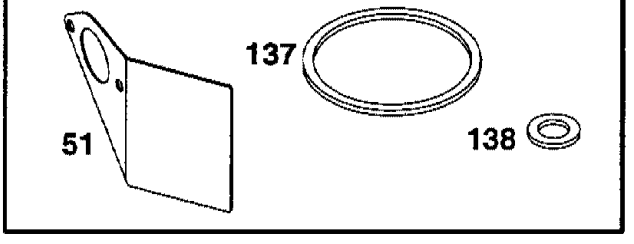
121 CARBURETOR KIT



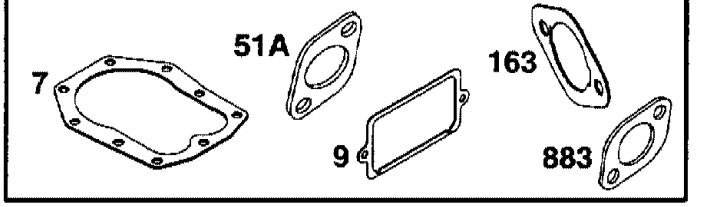
358 GASKET SET



977 CARBURETOR GASKET SET



1095 VALVE OVERHAUL GASKET SET



REF. NO.	PART NO.	DESCRIPTION
3	★391086	Seal–Oil
7	Ø★271866	Gasket–Cylinder Head
9	Ø★27803	Gasket–Breather
12	★272125	Gasket–Crankcase (.015" Thick, Std.)
		Note
		★272219 Gasket–Crankcase (.005" Thick)
		★272220 Gasket–Crankcase (.009" Thick)
20	★291675	Seal–Oil
51	●◆272708	Gasket–Intake
51A	Ø★272707	Gasket–Intake
87	★491323	Seal–Governor Shaft
93	●281346	Bushing–Throttle Shaft
95	●94098	Screw–Slotted
104	●231789	Pin–Float Hinge
105	●231935	Valve–Needle
106	●231856	Seat–Inlet

REF. NO.	PART NO.	DESCRIPTION
116	★270920	Seal–O-Ring
121	497450	Carburetor Kit
127	●	Plug–Welch (Sold in Kit Only)
137	●◆281165	Gasket–Float Bowl
138	●◆281164	Washer
142	●497448	Nozzle–Carburetor (Standard) (Used on LMT 101)
147	●497472	Jet–Pilot (Used on LMT 101)
163	Ø★273101	Gasket–Air Cleaner (Included in Gasket Sets Packaged After Code Date 95010700)
		Note
		Ø★272706 Gasket–Air Cleaner (Included in Gasket Sets Packaged Before Code Date 95010200)

REF. NO.	PART NO.	DESCRIPTION
358	497511	Gasket Set
524	★281370	Seal–Fill Tube
634	●494455	Seal–Spring Assembly
883	Ø★272293	Gasket–Exhaust
977	497069	Gasket Set–Carburetor
978	★271736	Gasket
987	●281166	Seal–Throttle Shaft
1095	498538	Gasket Set–Valve Overhaul

★ Included in Gasket Set–Part No. 497511.
● Included in Carburetor Kit–Part No. 497450.
◆ Included in Carburetor Gasket Set–Part No. 497069.
Ø Included in Valve Overhaul Gasket Set–Part No. 498538.

Briggs & Stratton Corporation (B&S), the California Air Resources Board (CARB) and the United States Environmental Protection Agency (U.S. EPA) Emission Control System Warranty Statement (Owner's Defect Warranty Rights and Obligations)

In the interest of the environment, B&S engines that meet strict emission requirements are labeled, "This engine conforms to 1995 - 1998 California emission regulations for ULGE engines and U.S. EPA Phase I regulations for small non-road engines."

EMISSION CONTROL WARRANTY COVERAGE IS APPLICABLE TO CERTIFIED ENGINES PURCHASED IN CALIFORNIA IN 1995 AND THEREAFTER, WHICH ARE USED IN CALIFORNIA, AND TO CERTIFIED MODEL YEAR 1997 AND LATER ENGINES WHICH ARE PURCHASED AND USED ELSEWHERE IN THE UNITED STATES.

California and United States Emission Control Defects Warranty Statement

CARB, U.S. EPA and B&S are pleased to explain the Emission Control System Warranty on your 1996 and later utility or lawn and garden equipment (ULGE) engine. In California, new ULGE engines produced on or after August 1, 1995 must be designed, built and equipped to meet the State's stringent anti-smog standards. Elsewhere in the United States, new non-road, spark-ignition engines certified for model year 1997 and later, must meet similar standards set forth by the U.S. EPA. B&S must warrant the emission control system on your engine for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your ULGE engine.

Your emission control system includes parts such as the carburetor, air cleaner, ignition system, muffler and catalytic converter. Also included may be connectors and other emission related assemblies.

Where a warrantable condition exists, B&S will repair your ULGE engine at no cost to you including diagnosis, parts and labor.

Briggs & Stratton Emission Control Defects Warranty Coverage

ULGE engines are warranted relative to emission control parts defects for a period of two years, subject to provisions set forth below. If any covered part on your engine is defective, the part will be repaired or replaced by B&S.

Owner's Warranty Responsibilities

As the ULGE engine owner, you are responsible for the performance of the required maintenance listed in your Operator/Owner Manual. B&S recommends that you retain all your receipts covering maintenance on your ULGE engine, but B&S cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

As the ULGE engine owner, you should however be aware that B&S may deny you warranty coverage if your ULGE engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your ULGE engine to an Authorized B&S Service Dealer as soon as a problem exists. The undisputed warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact a B&S Service Representative at 1-414-259-5262.

The emission warranty is a defects warranty. Defects are judged on normal engine performance. The warranty is not related to an in-use emission test.

Briggs & Stratton Emission Control Defects Warranty Provisions

The following are specific provisions relative to your Emission Control Defects Warranty Coverage. It is in addition to the B&S engine warranty for non-regulated engines found in the Operator/Owner Manual.

1. Warranted Parts

   Coverage under this warranty extends only to the parts listed below (the emission control systems parts) to the extent these parts were present on the engine purchased.

   a. Fuel Metering System
      - Cold start enrichment system (soft choke)
      - Carburetor and internal parts
      - Fuel Pump

   b. Air Induction System
      - Air cleaner
      - Intake manifold

   c. Ignition System
      - Spark plug(s)
      - Magneto ignition system

   d. Catalyst System
      - Catalytic converter
      - Exhaust manifold
      - Air injection system or pulse valve

   e. Miscellaneous Items Used in Above Systems
      - Vacuum, temperature, position, time sensitive valves and switches
      - Connectors and assemblies

2. Length of Coverage

   B&S warrants to the initial owner and each subsequent purchaser that the Warranted Parts shall be free from defects in materials and workmanship which caused the failure of the Warranted Parts for a period of two years from the date the engine is delivered to a retail purchaser.

3. No Charge

   Repair or replacement of any Warranted Part will be performed at no charge to the owner, including diagnostic labor which leads to the determination that a Warranted Part is defective, if the diagnostic work is performed at an Authorized B&S Service Dealer. For emissions warranty service contact your nearest Authorized B&S Service Dealer as listed in the "Yellow Pages" under "Engines, Gasoline," "Gasoline Engines," "Lawn Mowers," or similar category.

4. Claims and Coverage Exclusions

   Warranty claims shall be filed in accordance with the provisions of the B&S Engine Warranty Policy. Warranty coverage shall be excluded for failures of Warranted Parts which are not original B&S parts or because of abuse, neglect or improper maintenance as set forth in the B&S Engine Warranty Policy. B&S is not liable to cover failures of Warranted Parts caused by the use of add-on, non-original, or modified parts.

5. Maintenance

   Any Warranted Part which is not scheduled for replacement as required maintenance or which is scheduled only for regular inspection to the effect of "repair or replace as necessary" shall be warranted as to defects for the warranty period. Any Warranted Part which is scheduled for replacement as required maintenance shall be warranted as to defects only for the period of time up to the first scheduled replacement for that part. Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. The owner is responsible for the performance of all required maintenance, as defined in the B&S Operator/Owner Manual.

6. Consequential Coverage

   Coverage hereunder shall extend to the failure of any engine components caused by the failure of any Warranted Part still under warranty.

Briggs & Stratton welcomes warranty repair and apologizes to you for being inconvenienced. Any Authorized Service Dealer may perform warranty repairs. Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. For example, warranty would not apply if engine damage occurred because of misuse, lack of routine maintenance, shipping, handling, warehousing or improper installation. Similarly, warranty is void if the serial number of the engine has been removed or the engine has been altered or modified.

If a customer differs with the decision of the Service-Dealer, an investigation will be made to determine whether the warranty applies. Ask the Service Dealer to submit all supporting facts to his Distributor or the Factory for review. If the Distributor or the Factory decides that the claim is justified, the customer will be fully reimbursed for those items that are defective. To avoid misunderstanding which might occur between the customer and the Dealer, listed below are some of the causes of engine failure that the warranty does not cover.

Improper maintenance:

The life of an engine depends upon the conditions under which it operates, and the care it receives. Some applications, such as tillers, pumps and rotary mowers, are very often used in dusty or dirty conditions, which can cause what appears to be premature wear. Such wear, when caused by dirt, dust, spark plug cleaning grit, or other abrasive material that has entered the engine because of improper maintenance, is not covered by warranty.

This warranty covers engine related defective material and/or workmanship only, and not replacement or refund of the equipment to which the engine may be mounted. Nor does the warranty extend to repairs required because of:

1. PROBLEMS CAUSED BY PARTS THAT ARE NOT ORIGINAL BRIGGS & STRATTON PARTS.
2. Equipment controls or installations that prevent starting, cause unsatisfactory engine performance, or shorten engine life. (Contact equipment manufacturer.)
3. Leaking carburetors, clogged fuel pipes, sticking valves, or other damage, caused by using contaminated or stale fuel. (Use clean, fresh, lead-free gasoline and Briggs & Stratton gasoline stabilizer, Part No. 5041.)
4. Parts which are scored or broken because an engine was operated with insufficient or contaminated lubricating oil, or an incorrect grade of lubricating oil (check oil level daily or after every 8 hours of operation. Refill when necessary and change at recommended intervals.) Read "Owner's Manual."
5. Repair or adjustment of associated parts or assemblies such as clutches, transmissions, remote controls, etc., which are not manufactured by Briggs & Stratton.
6. Damage or wear to parts caused by dirt, which entered the engine because of improper air cleaner maintenance, re-assembly, or use of a non-original air cleaner element or cartridge. (At recommended intervals, clean and re-oil the Oil-Foam® element or the foam pre-cleaner, and replace the cartridge.) Read "Owner's Manual."
7. Parts damaged by overspeeding, or overheating caused by grass, debris, or dirt, which plugs or clogs the cooling fins, or flywheel area, or damage caused by operating the engine in a confined area without sufficient ventilation. (Clean fins on the cylinder, cylinder head and flywheel at recommended intervals.) Read "Owner's Manual."
8. Engine or equipment parts broken by excessive vibration caused by a loose engine mounting, loose cutter blades, unbalanced blades or loose or unbalanced impellers, improper attachment of equipment to engine crankshaft, overspeeding or other abuse in operation.
9. A bent or broken crankshaft, caused by striking a solid object with the cutter blade of a rotary lawn mower, or excessive v-belt tightness.
10. Routine tune-up or adjustment of the engine.
11. Engine or engine component failure, i.e., combustion chamber, valves, valve seats, valve guides, or burned starter motor windings, caused by the use of alternate fuels such as, liquified petroleum, natural gas, altered gasolines, etc.

For in-home major brand repair service:

Call 24 hours a day, 7 days a week

1-800-4-MY-HOME ™ (1-800-469-4663)

Para pedir servicio de reparación a domicillo — 1-800-676-5811

In Canada for all your service and parts needs call
Au Canada pour tout le service ou les pièces **— 1-800-665-4455**

For the repair or replacement parts you need:

Call 6 am - 11 pm CST, 7 days a week

PartsDirect™

1-800-366-PART (1-800-366-7278)

Para ordenar piezas con entrega a domicillo — 1-800-1659-7084

For the location of a Sears Parts and Repair Center in your area:

Call 24 hours a day, 7 days a week

1-800-488-1222

For information on purchasing a Sears Maintenance Agreement or to inquire about an existing Agreement:

Call 9 am — 5 pm, Monday — Saturday

1-800-827-6655

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