



GENERAC

The Reliable Ones

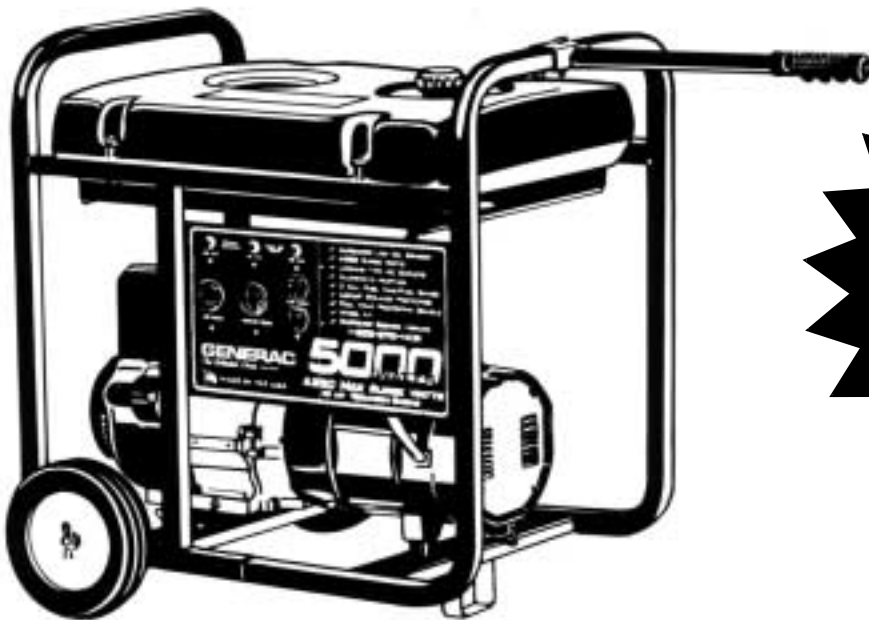
PP5000T

Portable Generator Owner's Manual

 **DANGER!** This generator is designed for outdoor use only. **Never** use this generator inside any building or enclosure including the generator compartment of a recreational vehicle (RV). **Carbon monoxide poisoning, fire and/or an explosion may result.** No user performed modifications, including venting of exhaust and/or cooling ventilation, will eliminate the danger. Always have at least two feet of clearance on all sides of the generator even while operating the unit outdoors.

 **DANGER!** You must isolate the generator from the electric utility by opening the electrical system's main circuit breaker or main switch if this unit is used for backup power. **Failure to isolate the generator from the power utility may result in injury or death to electric utility workers and damage to the generator** due to a backfeed of electrical energy.


The Emission Control System for this generator is warranted for standards set by the Environmental Protection Agency. For warranty information refer to the Engine Owner's manual.



**Problems?
Questions?**
Before taking your unit
back to the store,
call the generator
helpline at
1-800-270-1408
M-F 8-5 CT

Model No. 1140-0 (5000 Watt AC Generator) Manual No. B2267 Revision 2 (7/15/1999)

Visit our Generac website: www.generac-portables.com

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



EQUIPMENT DESCRIPTION

The generator is an engine-driven, revolving field, alternating current (AC) generator. It was designed to supply electrical power for operating compatible electrical lighting, appliance, tool and motor loads. This manual contains information for a generator that operates 120 and/or 240 Volt, single phase, 60 Hz devices that require up to 5000 watts (5.0 kW) of power that pull up to 41.7 Amps at 120 Volts or 20.8 Amps at 240 Volts



CAUTION! Do not exceed the generator's wattage/ampere capacity. See "Don't Overload the Generator" on page 9.

The generator's revolving field is driven at about 3600 rpm by a single-cylinder engine.



DANGER! Do not tamper with engine governed speed. Improper operating speeds are dangerous and increase risk of personal injury or damage to equipment.

If you have any problems with the use of your generator, please call the Generator Helpline at 1-800-270-1408.

Important: Any attempt to run the engine before it has been serviced with the recommended oil will result in an engine failure.

CONTENTS

Included with your generator are:

- The main unit.
- Wheel kit.
- Video.
- Engine Owner's Manual.
- Generator Owner's Manual.

If unit is operated in cold weather, please review "Cold Weather Operation" on page 7 before discarding carton.

SAFETY RULES



WARNING:



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

This generator set was designed and manufactured for specific applications. Do not attempt to modify the unit or use it for any application it was not designed for. If you have any questions about your generator's application, ask your dealer or consult the factory.

The manufacturer could not possibly anticipate every circumstance that might involve a hazard. For that reason, warnings in the manual and warnings on tags or decals affixed to the unit are not all-inclusive. If you intend to handle, operate or service the unit by a procedure or method not specifically recommended by the manufacturer, first make sure that such a procedure or method will not render this equipment unsafe or pose a threat to you and others.

Read this manual carefully and become familiar with your generator set. Know its applications, its limitations and any hazards involved.

- The generator produces a very powerful voltage that can cause extremely dangerous electrical shock. Avoid contact with bare wires, terminals, etc. Never permit an untrained person to operate or service the generator.
- Never handle any kind of electrical cord or device while standing in water, while barefoot, or while hands or feet are wet.
- The National Electric Code requires the frame and external electrically conductive parts of the generator be properly connected to an approved earth ground. Local electrical codes may also require proper grounding of the generator. Consult with a local electrician for grounding requirements in your area.
- Use a ground fault circuit interrupter in any damp or highly conductive area (such as metal decking or steel work).



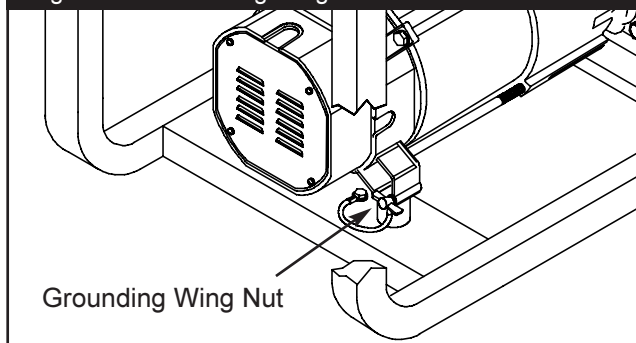
- Do not use worn, bare, frayed or otherwise damaged electrical cord sets with the generator. Using a defective cord set may result in electrical shock or damage to equipment and/or property.
- Operate unit only on level surfaces and where it will not be exposed to excessive moisture, dirt, dust or corrosive vapors.
- Gasoline is highly **FLAMMABLE** and its vapors are **EXPLOSIVE**. Do not permit smoking, open flames, sparks or heat in the vicinity while handling gasoline. Avoid spilling gasoline on a hot engine. Comply with all laws regulating storage and handling of gasoline.
- Do not overfill the fuel tank. Always allow room for fuel expansion. If tank is overfilled, fuel can overflow onto a hot engine and cause **FIRE** or **EXPLOSION**.
- Never store a generator with fuel in the tank where gasoline vapors might reach an open flame, spark or pilot light (as on a furnace, water heater, clothes dryer). **FIRE** or **EXPLOSION** may result.
- Generator exhaust gases contain **DEADLY** carbon monoxide gas. This dangerous gas, if breathed in sufficient concentrations, can cause unconsciousness or even death. Operate this equipment only in the open air where adequate ventilation is available.
- The engine-generator requires an adequate flow of cooling air for its continued proper operation. Never operate the unit inside any room or enclosure where the free flow of cooling air into and out of the unit might be obstructed. Without sufficient cooling air flow, the unit quickly overheats, damaging the generator or nearby property.
- Allow at least 2 feet of clearance on all sides of generator, even while operating unit outdoors, or you could damage the unit. However, when operating unit in cold weather, refer to the "Cold Weather Operation" section on page 7.
- **Never** start or stop the engine-generator with electrical loads connected to receptacles **AND** with the connected devices turned **ON**. Start the engine and let it stabilize before connecting any electrical loads. Disconnect all electrical loads before shutting down the generator.

- Do not insert any object through cooling slots of the engine-generator. You could damage the unit or injure yourself.
- **Never operate the generator:** in the rain; in any enclosed compartment; if connected electrical devices overheat; if electrical output is lost; if engine or generator sparks; if flame/smoke is seen while unit is running; if unit vibrates excessively.

GROUNDING THE GENERATOR

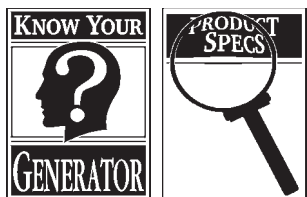
The National Electrical Code requires that the frame and external electrically conductive parts of this generator be properly connected to an approved earth ground. Local electrical codes may also require proper grounding of the unit. For that purpose, a **GROUNDING WING NUT** is provided on the generator (Figure 1).

Figure 1 — Grounding Wing Nut



Generally, connecting a No. 12 AWG (American Wire Gauge) stranded copper wire to the grounding wing nut and to an earth-driven copper or brass grounding rod (electrode) provides adequate protection against electrical shock. Be careful to keep the grounding wire attached after connecting the stranded copper wire. However, local codes may vary widely. Consult with a local electrician for grounding requirements in your area.

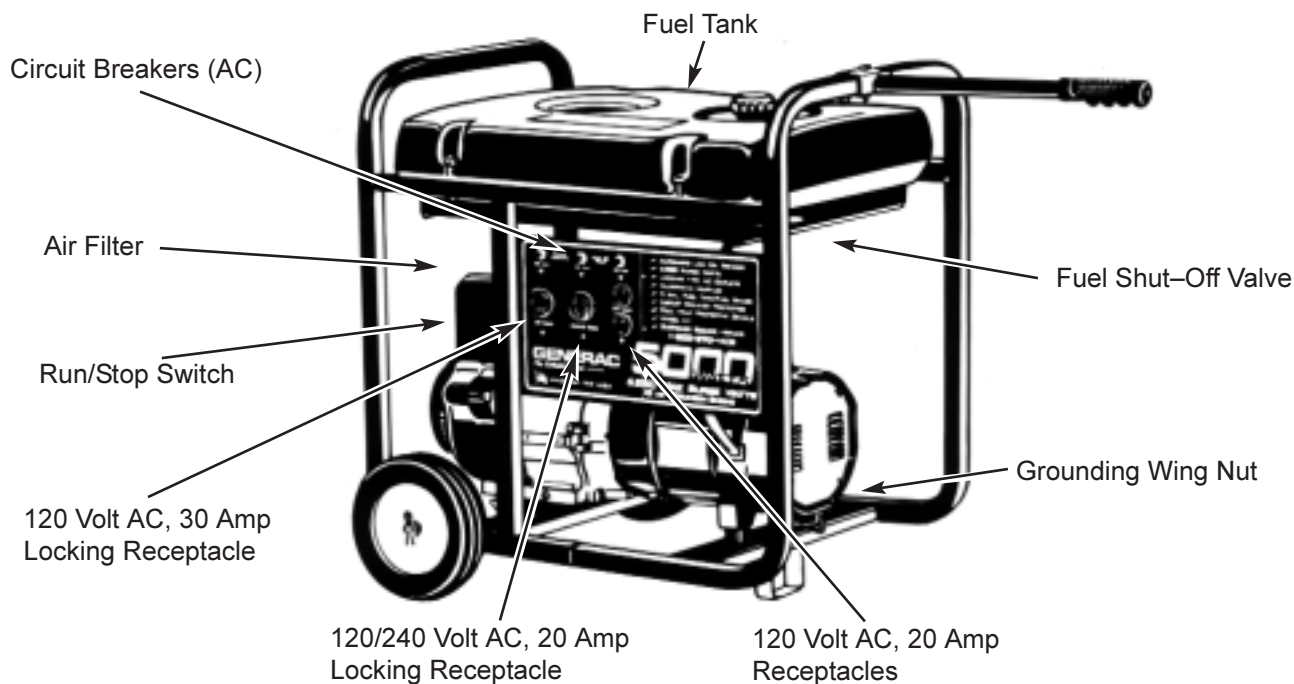
Properly grounding the generator helps prevent electrical shock if a ground fault condition exists in the generator or in connected electrical devices. Proper grounding also helps dissipate static electricity, which often builds up in ungrounded devices.



KNOW YOUR GENERATOR

Read this owner's manual and safety rules before operating your generator.

Compare the illustrations with your generator to familiarize yourself with the locations of various controls and adjustments. Save this manual for future reference.



120 Volt AC, 20 Amp Receptacles — May be used to supply electrical power for the operation of 120 Volt AC, 20 Amp, single phase, 60 Hz electrical lighting, appliance, tool and motor loads.

120 Volt AC, 30 Amp Locking Receptacle — May be used to supply electrical power for the operation of 120 Volt AC, 30 Amp, single phase, 60 Hz electrical lighting, appliance, tool and motor loads.

120/240 Volt AC, 20 Amp Locking Receptacle — May be used to supply electrical power for the operation of 120 and/or 240 Volt AC, 20 Amp, single phase, 60 Hz AC electrical lighting, appliance, tool and motor loads.

Air Filter — This engine assembly filters air entering the engine.

Circuit Breakers (AC) — Each receptacle is provided with a circuit breaker to protect the generator against electrical overload. Breakers are "push to reset" type.

Fuel Shut Off Valve — Controls fuel supply to engine.

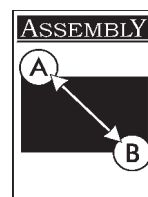
Fuel Tank — Capacity of 4 U.S. gallons.

Grounding Wing Nut — Provides a tie-point for connecting the generator frame to earth ground.

Run/Stop Switch — Must be in "Run" position to start engine. Set to "Stop" to stop a running engine.

SPECIFICATIONS

Rated Maximum Continuous Wattage Capacity	5000 Watts
Power Factor	1.0
Rated Maximum Continuous Load Current	
At 120 Volts	41.67 Amps
At 240 Volts	20.83 Amps
Phase	1-phase
Rated Frequency	60 Hertz



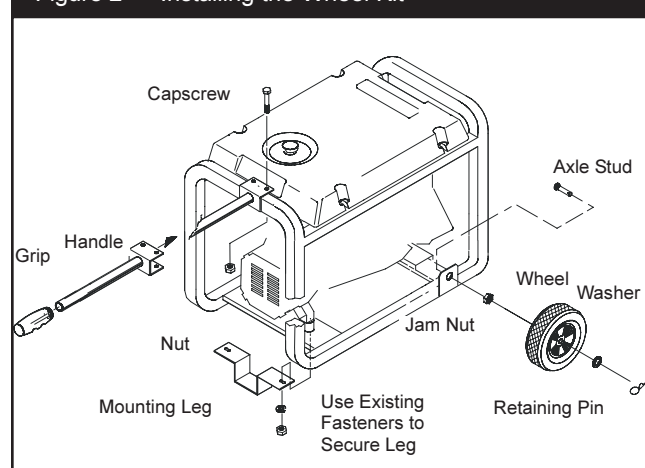
WHEEL KIT INSTALLATION

To install wheel kit you need the following tools:

- 15/16" (22mm) box, open end, or socket wrench
- Two 13mm box, open end, or socket wrenches

Install Wheel Kit as follows: (Refer to Figure 2)

Figure 2 — Installing the Wheel Kit



- Place bottom of generator cradle on a flat surface.
- Place axle stud through wheel retainer on cradle frame.
- Use 15/16" wrench to secure the axle stud to frame with 5/8-18 jam nut.
- Install the other axle stud in the same manner.

NOTE: Be sure to install wheel with raised hub inboard.

- Place flat washer over axle stud, tip unit and install the wheel.
- Retain wheel on axle stud with retaining pin. Install other wheel on remaining axle shaft the same way.
- Remove two front nuts and lock washers from vibration mount with 13mm wrench. Use these nuts to retain the mounting leg.
- Center the lifting handle on generator end of cradle. Attach the handle using two 13mm wrenches with two capscrews and two hex nuts.

BEFORE STARTING UNIT

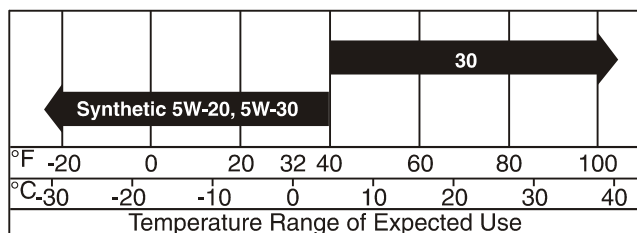
Add Oil



WARNING! Any attempt to start the engine before it has been properly filled with the recommended oil may result in engine failure.

NOTE: When adding oil to the engine crankcase in the future, use only clean, high quality detergent oil rated with API service classification SF, SG, SH, SH/CD or higher rated SAE 30. Use no special additives.

Select the oil's viscosity grade according to your expected operating temperature:



- **Summer** - Above 40°F, use SAE 30.
- **Winter** - Below 40°F, use synthetic SAE 5W-30 or SAE 10W.

DO NOT USE SAE 10W40

Although multi-viscosity oils (5W30, 10W30, etc.) improve starting in cold weather, these multi-viscosity oils will result in increased oil consumption when used above 32°F. Check your engine oil level more frequently to avoid possible damage from running low on oil. Review oil fill instructions in the engine manual.

To fill your engine with oil:

- Place generator on a level surface.
- Clean area around oil fill and remove oil fill plug and dipstick.
- Wipe dipstick clean.
- Pour oil into oil fill opening until oil reaches FULL mark on the dipstick. **Do not overfill!**

NOTE: The generator's revolving field rides on a pre-lubricated and sealed ball bearing that requires no additional lubrication for the life of the bearing.



Add Gasoline



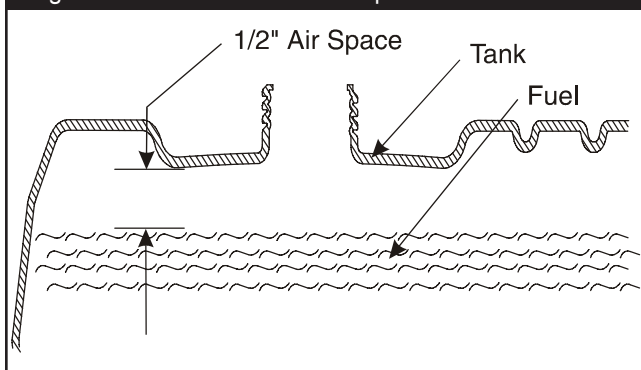
DANGER! NEVER fill fuel tank indoors. NEVER fill fuel tank when engine is running or hot. DO NOT light a cigarette or smoke when filling the fuel tank.



WARNING! Do not overfill the fuel tank. Always allow room for fuel expansion.

- Use regular **UNLEADED** gasoline with the generator engine. Do not use gasoline containing methanol. Do not mix oil with gasoline.
- Clean area around fuel fill cap, remove cap.
- Slowly add unleaded regular gasoline to fuel tank. Be careful not to overfill. Allow about 1/2" of tank space for fuel expansion, as shown in Figure 3.

Figure 3 — Recommended Air Space



- Install fuel cap and wipe up any spilled gasoline.

IMPORTANT: It is important to prevent gum deposits from forming in essential fuel system parts such as the carburetor, fuel filter, fuel hose or tank during storage. Also, experience indicates that alcohol-blended fuels (called gasohol or ethanol) can attract moisture, which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage.

To avoid engine problems, the fuel system should be emptied before storage of 30 days or longer. See "Storage" on page 10. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

OPERATING THE GENERATOR



CAUTION! Never start or stop the engine with electrical loads connected generator AND with the connected devices turned ON.

Starting the Engine



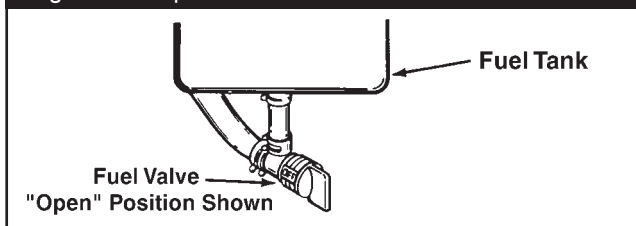
DANGER! Breathing Hazard! Never run engine indoors or in enclosed poorly ventilated areas. Engine exhaust contains carbon monoxide, an odorless and deadly gas.



WARNING! Burn Hazard! Temperature of muffler and nearby areas may exceed 150°F (65°C). Avoid these areas.

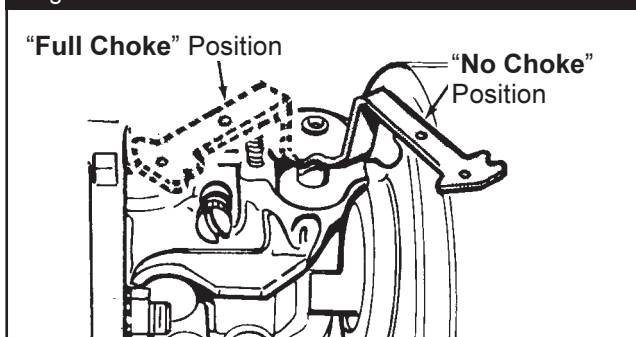
- Unplug **all** electrical loads from generator receptacles before starting the engine.
- Make sure the unit is in a level position.
- Open the fuel shut-off valve (Figure 4).

Figure 4 — Open Fuel Tank Valve



- Move the choke lever to the "**Full Choke**" position (Figure 5).

Figure 5 — Choke Positions





- Set the engine “Run/Stop” switch to the “**On (–)**” position.
- Grasp starter grip and pull slowly until you feel some resistance. Then pull cord out with rapid full arm stroke. Let rope return slowly. Do not let rope “snap back” against starter.
- When engine starts, move choke lever to a “**Half Choke**” position until the engine runs smoothly and then to “**No Choke**” position. If engine falters, move choke lever to “**Half Choke**” position until the engine runs smoothly and then to “**No Choke**” position.

NOTE: If engine fails to start after 3 pulls, move the choke lever to “**No Choke**” position and pull starter rope again.

NOTE: If the engine fails to start after three (3) pulls, check for proper oil level in crankcase. Unit is equipped with a low oil shutdown system. Refer to engine owner’s manual for further information.

NOTE: If engine fires, but does not continue to run, move choke lever to “**Full Choke**” and repeat starting instructions.

Connecting Electrical Loads

- Let engine stabilize and warm up for a few minutes after starting.
- Plug in and turn on the desired 120 and/or 240 Volt AC, single phase, 60 Hz electrical loads.
- **Do not** connect 240 Volt loads to the 120 Volt receptacles.
- **Do not** connect 3–phase loads to the generator.
- **Do not** connect 50 Hz loads to the generator.
- **DO NOT OVERLOAD THE GENERATOR.** Add up the rated watts (or amps) of all loads to be connected at one time. This total should not be greater than the rated wattage/ampere capacity of the generator. See “Don’t Overload the Generator” on page 9.

Stopping the Engine

- Unplug **all** electrical loads from generator panel receptacles. **Never** start or stop engine with electrical devices plugged in and turned on.

- Let engine run at no-load for several minutes to stabilize the internal temperatures of engine and generator.
- Move engine control switch to “**Off (o)**” position.
- Close the fuel shut–off valve.

COLD WEATHER OPERATION

Under certain weather conditions (temperatures below 40°F [4°C] and a high dew point), your Generac generator may experience icing of the carburetor and/or the crankcase breather system.

In an emergency, use the original shipping box as a temporary shelter:

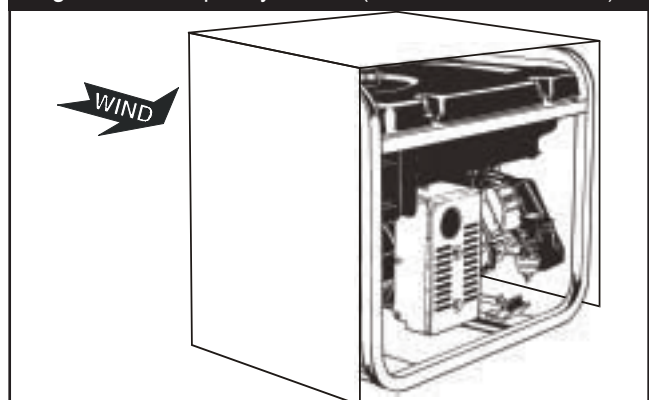
- Cut off all flaps
- Cut out one of the long sides of the box to expose exhaust side of unit. Ensure a minimum of two feet clearance between open side of box and nearest object.
- Cut appropriate slots to access receptacles of unit. You may also need to cut a clearance slot for the handle.
- Start unit, then place box over it.

IMPORTANT!: Remove shelter when temperature is above 40°F [4°C].

For a more permanent shelter, build a structure that will enclose three sides and the top of the generator:

- Make sure entire muffler-side of generator is exposed. A typical generator is shown in Figure 6.

Figure 6 — Temporary Shelter (handle/wheels omitted)





- Ensure a minimum of two feet clearance between open side of box and nearest object.
- Face exposed end away from wind and elements.
- Enclosure should hold enough heat created by the generator to prevent icing problems.



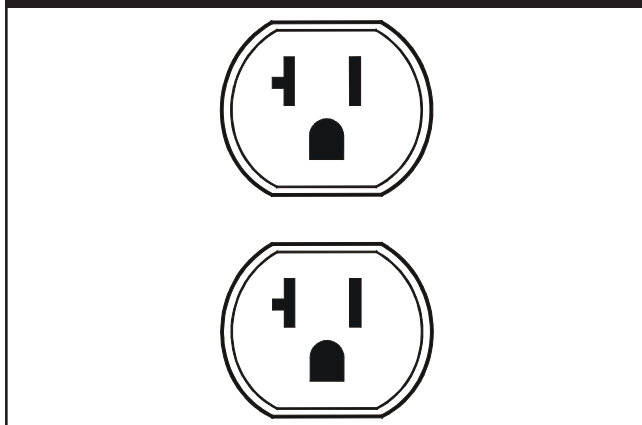
CAUTION: NEVER run unit indoors; Do not enclose generator any more than shown. Remove shelter when temperatures are above 40°F [4°C].

RECEPTACLES

120 Volt, 20 Amp Duplex Receptacle

Each of these receptacles is protected against overload by a 20 Amp push-to-reset type circuit breakers. Use each receptacle to operate 120 Volt AC, 20 Amp, 60 Hz, single phase loads (Figure 7).

Figure 7 — 120 Volt, 20 Amp Receptacle

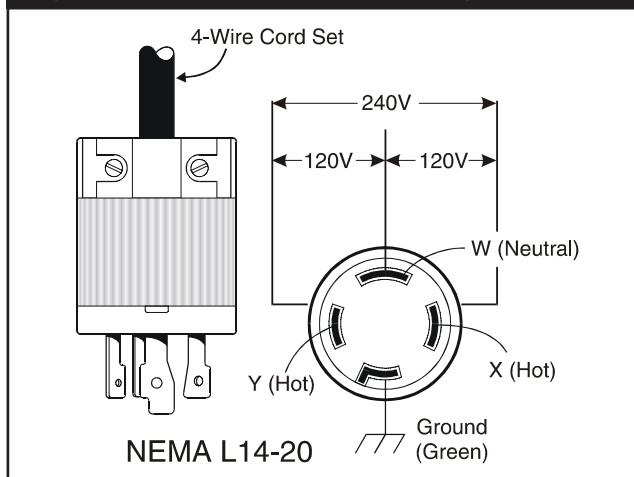


120/240 Volt, 20 Amp Locking Receptacle

Use a NEMA L14-20P type plug with this receptacle. Connect a 4-wire cord set rated for 250 Volts at 20 Amps (or greater) (Figure 8).

You can use the same 4-wire cord if you plan only to run a 120 Volt load. This receptacle powers 120 or 240 Volt AC, 60 Hz, single phase loads and is protected by a 20 Amp push-to-reset circuit breaker.

Figure 8 — 120/240 Volt, 20 Amp Locking Receptacle

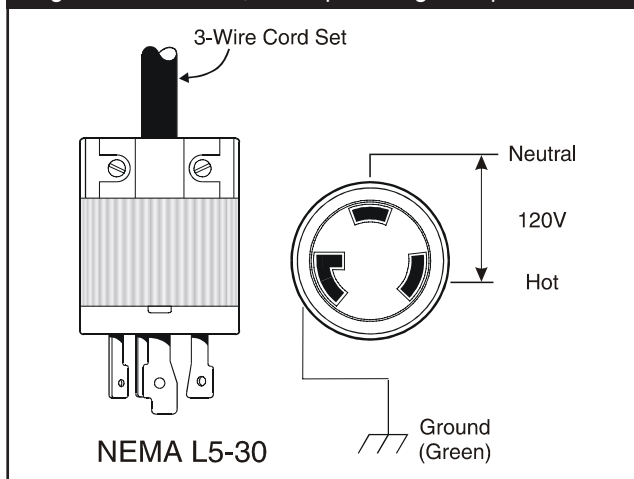


120 Volt, 30 Amp Locking Receptacle

Use a NEMA L5-30P type plug with this receptacle. Connect a 3-wire cord set rated for 125 Volts at 30 Amps to the plug (Figure 9).

Use this receptacle to operate 120 Volt AC, 60 Hz, single phase loads requiring up to 3600 watts (3.6 kW) of power at 30 Amps. The outlet is protected by a 30 Amp push-to-reset circuit breaker.

Figure 9 — 120 Volt, 30 Amp Locking Receptacle





DON'T OVERLOAD THE GENERATOR

Overloading a generator in excess of its rated wattage capacity can result in damage to the generator and/or connected electrical devices. Observe the following, to prevent overloading the unit:

- Add up the total wattage of all electrical devices to be connected at one time. This total should NOT be greater than the generator's wattage capacity.
- The rated wattage of lights can be taken from light bulbs. The rated wattage of tools, appliances and motors can usually be found on a data plate or decal affixed to the device.
- If the appliance, tool or motor does not give wattage, multiply 120 Volts times ampere rating to determine watts (volts x amps = watts).
- Some electric motors, such as induction types, require about three times more watts of power for starting than for running. This surge of power lasts for only a few seconds when starting such motors. Be sure you allow for this high starting wattage when selecting electrical devices to connect to your generator. First figure the watts needed to start the largest motor. Add to that figure the running watts of all other connected loads.
- Items in the wattage reference guide (Figure 10) are provided to help you to determine how many items the generator can operate at one time.

Figure 10 — Wattage Reference Guide

RUNNING WATTS		RUNNING WATTS	
*Air Conditioner (12,000 Btu).....	1700	Impact Wrench	500
Battery Charger (20 amp).....	500	*Jet Pump	800
Belt Sander (3")	1000	Lawn Mower	1200
Chain Saw	1200	Light Bulb.....	100
Circular Saw (6-1/2")	800 to 1000	Microwave Oven.....	700
Coffee Maker	1000	*Milk Cooler	1100
*Compressor (1 HP)	2000	Oil Burner on Furnace	300
*Compressor (3/4 HP)	1800	Oil Fired Space Heater (140,000 Btu)	400
*Compressor (1/2 HP)	1400	Oil Fired Space Heater (85,000 Btu)	225
Curling Iron	700	Oil Fired Space Heater (30,000 Btu)	150
*Freezer	500	*Paint Sprayer, Airless (1/3 HP)	600
Disc Sander (9")	1200	Paint Sprayer, Airless (handheld)	150
Edge Trimmer	500	Radio	50 to 200
Electric Nail Gun.....	1200	*Refrigerator	600
Electric Range (one element).....	1500	Slow Cooker	200
Electric Skillet	1250	*Submersible Pump (1-1/2 HP)	2800
*Furnace Fan (1/3 HP)	1200	*Submersible Pump (1 HP)	2000
Hair Dryer	1200	*Submersible Pump (1/2 HP)	1500
Hand Drill (1")	1100	Sump Pump.....	600
Hand Drill (1/2")	750 to 1000	*Table Saw (10")	1750 to 2000
Hand Drill (3/8")	500	Television.....	200 to 500
Hand Drill (1/4")	250	Weed Trimmer	500
Hedge Trimmer.....	450	* Allow 3 times the listed watts for starting these devices.	



GENERAL MAINTENANCE RECOMMENDATIONS

The Owner/Operator is responsible for making sure that all periodic maintenance tasks are completed on a timely basis; that all discrepancies are corrected; and that the unit is kept clean and properly stored.

Never operate a damaged or defective generator.

Engine Maintenance

See Engine Owner's Manual for instructions.

Generator Maintenance

Generator maintenance consists of keeping the unit clean and dry. Operate and store the unit in a clean dry environment where it will not be exposed to excessive dust, dirt, moisture or any corrosive vapors. Cooling air slots in the generator must not become clogged with snow, leaves or any other foreign material.

NOTE: We do not recommend using a garden hose to clean generator. Water can enter engine fuel system and cause problems. In addition, if water enters generator through cooling air slots, some of the water will be retained in voids and cracks of the rotor and stator winding insulation. Water and dirt buildup on the generator internal windings will eventually decrease the insulation resistance of these windings.

To Clean the Generator

- Use a damp cloth to wipe exterior surfaces clean.
- Soft, bristle brush may be used to loosen caked on dirt or oil.
- A vacuum cleaner may be used to pick up loose dirt and debris.
- Low pressure air (not to exceed 25 psi) may be used to blow away dirt. Inspect cooling air slots and opening on generator. These openings must be kept clean and unobstructed.

STORAGE INSTRUCTIONS

The generator should be started at least once every seven days and allowed to run at least 30 minutes. If this cannot be done and you must store the unit for more than 30 days, use the following information as a guide to prepare it for storage.

Generator Storage

- Clean the generator as outlined earlier in "To Clean the Generator."
- Check that cooling air slots and openings on generator are open and unobstructed.



DANGER! Storage covers can be flammable. Do not place a storage cover over a hot generator. Let the unit cool for a sufficient time before placing the cover on the unit.

Engine Storage

See Engine Owner's Manual for instructions.

Other Storage Tips

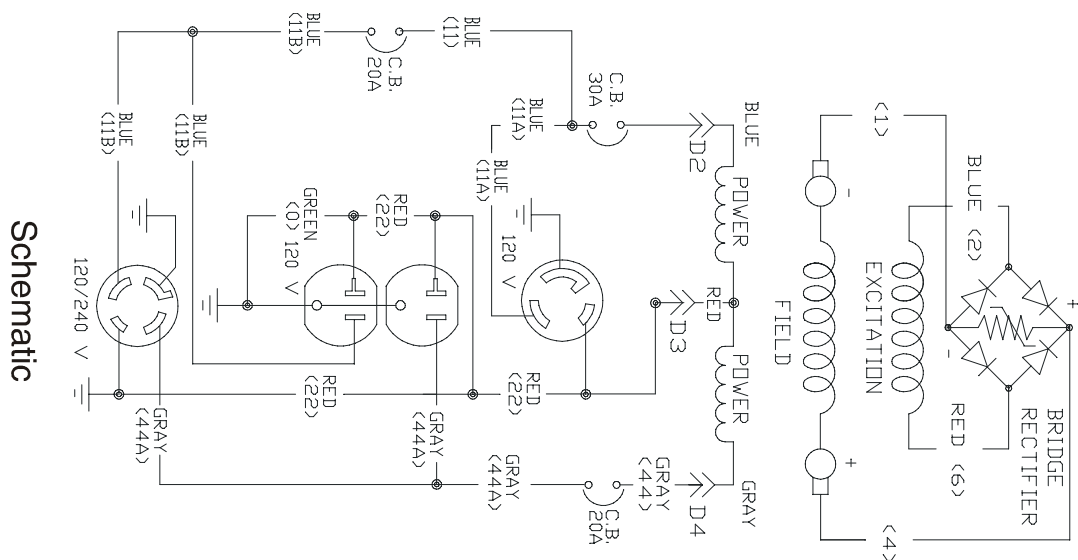
- Do not store gasoline from one season to another.
- Replace your gasoline can if it starts to rust. Rust and/or dirt in a gasoline can cause problems when you use that fuel with this unit.
- Store in clean and dry area.



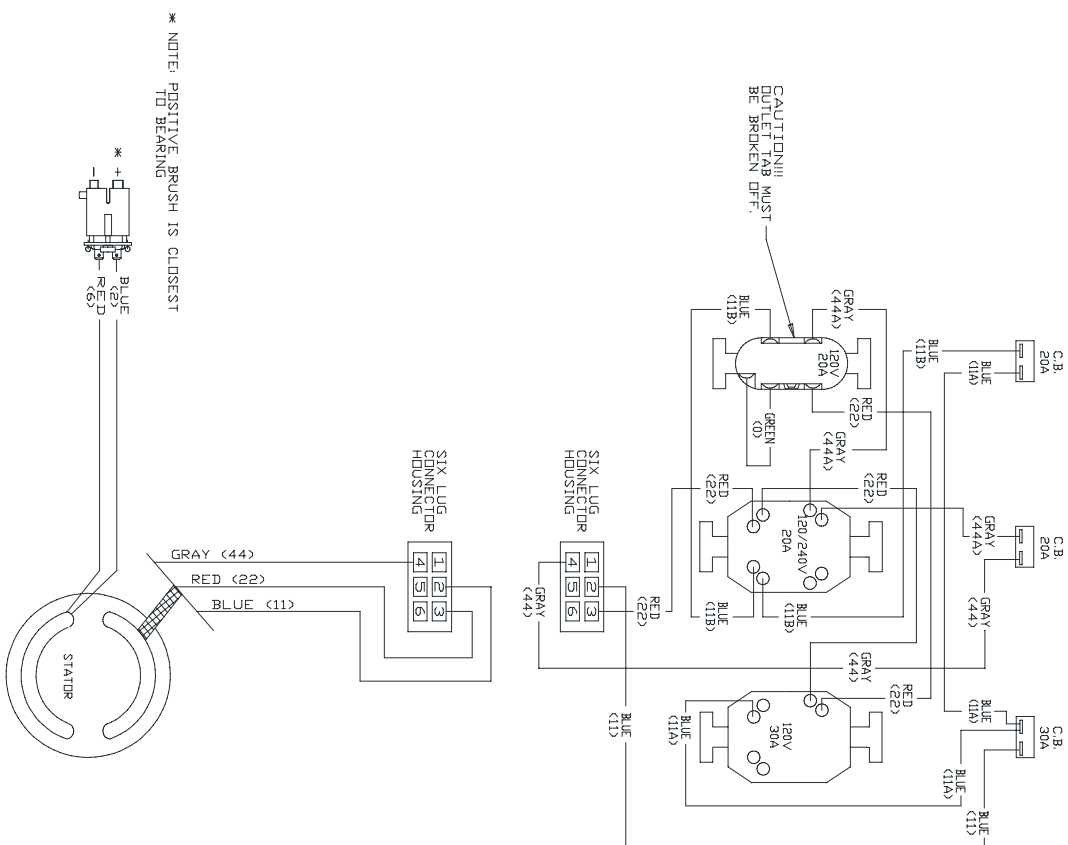
TROUBLESHOOTING

Problem	Cause	Solution
Engine is running, but no AC output is available.	<ol style="list-style-type: none"> 1. Circuit breaker is open. 2. Poor connection or defective cord set. 3. Connected device is bad. 4. Fault in generator. 	<ol style="list-style-type: none"> 1. Reset circuit breaker. 2. Check and repair. 3. Connect another device that is in good condition. 4. Contact Generac service facility.
Engine runs good but bogs down when loads are connected.	<ol style="list-style-type: none"> 1. Short circuit in a connected load. 2. Generator is overloaded. 3. Engine speed is too slow. 4. Shorted generator circuit. 	<ol style="list-style-type: none"> 1. Disconnect shorted electrical load. 2. See "Don't Overload the Generator" on page 9. 3. Contact Tecumseh service facility. 4. Contact Generac service facility.
Engine will not start; or starts and runs rough.	<ol style="list-style-type: none"> 1. On/Off switch set to Off (o). 2. Dirty air cleaner. 3. Out of gasoline. 4. Stale gasoline. 5. Spark plug wire not connected to spark plug. 6. Bad spark plug. 7. Water in gasoline. 8. Overchoking. 9. Low oil level. 10. Excessively rich fuel mixture. 11. Intake valve stuck open or closed. 12. Engine has lost compression. 	<ol style="list-style-type: none"> 1. Set switch to On (-). 2. Clean or replace air cleaner. 3. Fill fuel tank. 4. Drain gas tank and fill with fresh fuel. 5. Connect wire to spark plug. 6. Replace spark plug. 7. Drain gas tank; fill with fresh fuel. 8. Put choke lever to "no choke" position. 9. Fill crankcase to proper level. 10. Contact Tecumseh service facility. 11. Contact Tecumseh service facility. 12. Contact Tecumseh service facility.
Engine shuts down during operation.	<ol style="list-style-type: none"> 1. Out of gasoline. 2. Low oil level. 3. Fault in engine. 	<ol style="list-style-type: none"> 1. Fill fuel tank. 2. Fill crankcase to proper level. 3. Contact Tecumseh service facility.
Engine lacks power.	<ol style="list-style-type: none"> 1. Load is too high. 2. Dirty air filter. 3. Engine needs to be serviced. 	<ol style="list-style-type: none"> 1. See "Don't Overload the Generator" on page 9. 2. Replace air filter. 3. Contact Tecumseh service facility.
Engine "hunts" or falters.	<ol style="list-style-type: none"> 1. Choke is opened too soon. 2. Carburetor is running too rich or too lean. 	<ol style="list-style-type: none"> 1. Move choke to halfway position till engine runs smoothly. 2. Contact Tecumseh service facility.

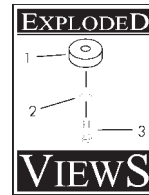
SCHEMATIC & WIRING DIAGRAM



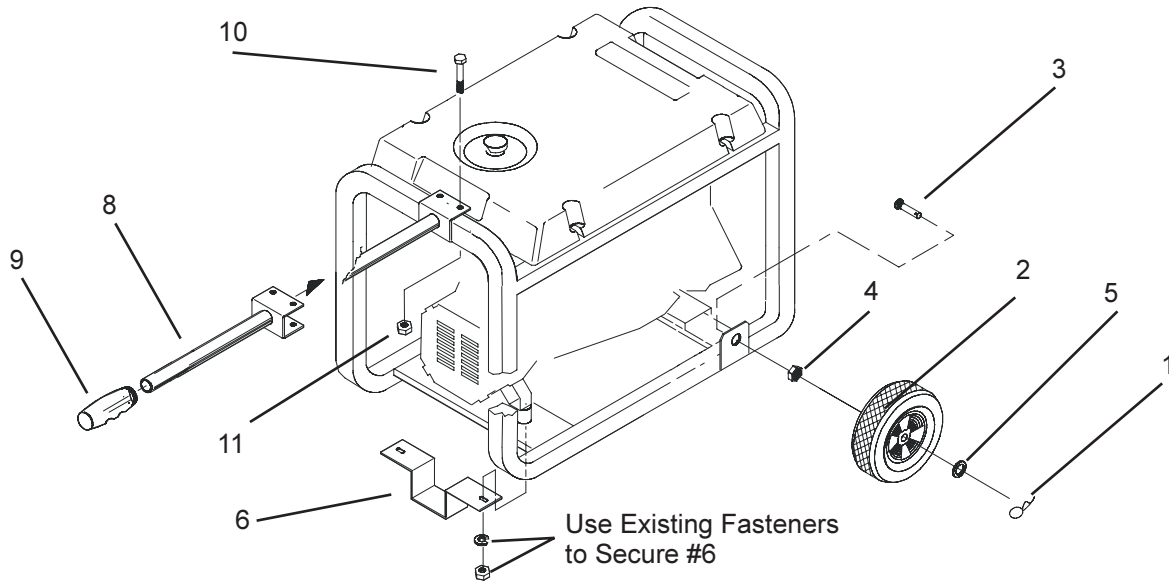
Schematic



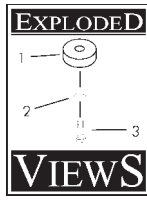
Wiring Diagram



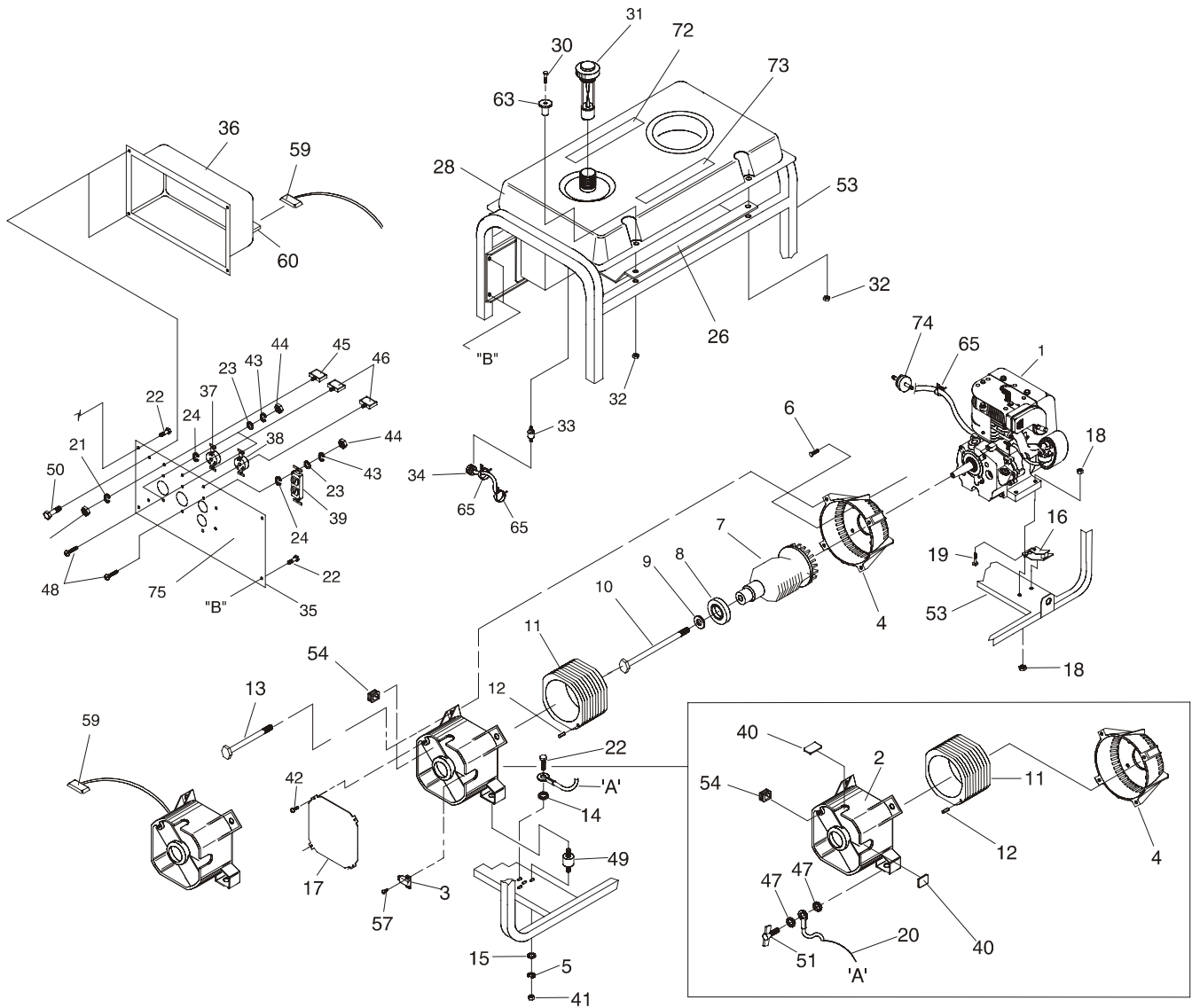
WHEEL KIT EXPLODED VIEW & PARTS LIST

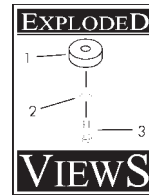


Item	Part #	Qty	Description	Item	Part #	Qty	Description
1	87005A	2	PIN, Retaining	6	94034	1	LEG, Mounting
2	87280	2	WHEEL, 8" Dia.	8	84910	1	HANDLE, Lifting
3	93728	2	STUD, Axle	9	75928	1	GRIP, Handle
4	94222Q	2	NUT, 5/8" - 18 Jam	10	39287	2	CAP SCREW, M8-1.25 x 45
5	49808	2	WASHER, Flat	11	52858	2	NUT, M8-1.25 Hex Lock



UNIT EXPLODED VIEW





UNIT EXPLODED VIEW

Item	Part #	Qty	Description	Item	Part #	Qty	Description
1	NSP	1	ENGINE, Tecumseh 10HP	38	68867	1	OUTLET, 120/240 Locking
2	66825B	1	CARRIER, Rear Bearing	39	68759	1	OUTLET, 120 Volt 20 Amp
3	91825	1	ASSEMBLY, Brush & Bridge Rectifier	40	84242	2	GROMMET, Rubber
4	66365D	1	ADAPTER, Housing	41	45771	2	NUT, Hex M8 - 1.25
5	22129	2	LOCK WASHER, M8	42	74908	4	SCREW, Hex M5 - 0.80 x 10
6	86307	4	SCREW, Hex Hd 5/16-24 x 3/4 Sems	43	22264	6	WASHER, #8 Lock
7	74716J	1	ASSEMBLY, Rotor	44	51715	6	NUT, Hex - M4 - 0.7
8	65791	1	BEARING	45	75207A	1	CIRCUIT BREAKER - 30 Amp.
9	96796	1	WASHER, Special	46	75207	2	CIRCUIT BREAKER - 20 Amp.
10	75431	1	BOLT, Rotor	47	26850	2	WASHER, Shakeproof 1/4"
11	91859J	1	ASSEMBLY, Stator	48	75475	6	SCREW, M4 - 0.7 x 10 Pan Head
12	81917	1	PIN, Roll M4 x 10 Lg.	49	85652	2	MOUNT, Rubber
13	86308C	4	BOLT, Stator	50	82308	6	SCREW, Self Tapping
14	22769	1	WASHER, Shakeproof Int #10	51	86494	1	SCREW, M6 x 16 Lg. Wing
15	22145	2	WASHER, Flat 5/16, M8	53	B2265	1	CRADLE
16	70642	2	MOUNT, Vibration - 45°	54	67022	1	GROMMET, Rubber
17	67025	1	COVER, Bearing Carrier	57	66849	2	SCREW, M5 - 0.8 x 15
18	52858	6	LOCK NUT, M8-1.25 Flange	59	22695	1	6-PIN CONNECTOR, Male
19	76222	2	PPHMS, M8-1.25 x 40 mm	60	22694	1	6-PIN CONNECTOR
20	143-53621	1	WIRE, Ground	63	83465	4	GROMMET, Mounting Tank
21	82881	3	WASHER, Internal Lock	65	48031C	3	CLAMP, Hose - 1/4"
22	86292	5	SCREW, #10 Self Drilling	72	92982	1	DECAL, Danger
23	38150	6	WASHER, #8 Flat	73	93826	1	DECAL, Operating Instructions
24	23365	6	WASHER, Lock Serrated # 8	74	68740	1	FILTER, Fuel
26	84324	1	SHIELD, Heat	75	B2266	1	DECAL, SVP 5000T
28	77374	1	TANK, Gas Plastic 5 Gal.				
30	78831B	4	CAPSCREW., Hex Hd. M6 x 60mm Blk				
31	94834	1	CAP, Fuel Gauge, 5 Gal.				
32	77395	4	NUT, Hex Lock - M6				
33	78299	1	BUSHING, Plastic Tank				
34	80270	1	VALVE, Plastic Tank				
35	81897	1	PANEL, Control				
36	81898	1	PANEL, Control Back Plastic				
37	68868	1	OUTLET-120 Volt 30 Amp.Locking				

Accessories Not Illustrated:

B2267	Owner's Manual
B2770	Video

Optional Items Available:

37806	120 Volt 30 Amp plug
43438	120/240 Volt 20 Amp plug
84883	Cord Wrap

LIMITED WARRANTY FOR PORTABLE GENERATORS

Generac Portable Products (hereafter referred to as THE COMPANY) warrants to the original purchaser that its generator will be free from defects in materials or workmanship for a period of one year* from the date of original purchase. This warranty does not apply to units used for prime power in place of utility. This warranty does not include the gasoline engine when furnished or attached because such engine is covered solely by the warranty of the manufacturer of the engine. Starting batteries are not warranted by THE COMPANY.

***NOTE:** Rental units, demonstrators, commercial applications, such as construction or income producing, are warranted for 90 days. Rental units, demonstrators, or commercial applications such as construction or utility which are resold are not covered under warranty by THE COMPANY. Any warranty, whether expressed or implied, rests solely with the seller.

During said warranty period, THE COMPANY will, at its option, repair or replace any part which, upon examination by THE COMPANY is found to be defective under normal use and service. All transportation costs under warranty, including return to the factory if necessary, are to be borne by the purchaser and prepaid by the purchaser. This warranty does not include nominal maintenance and service and does not apply to a generator set, or parts, which have been subjected to improper or unauthorized installation, misuse, negligence, accident, overloading, overspeeding, improper maintenance, repair or storage so as, in THE COMPANY's judgment, to adversely affect its performance and reliability.

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Some states do not allow limitations on how long an implied warranty lasts, or the exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

This warranty is effective for all products manufactured after June, 1998, and supersedes all prior warranties of THE COMPANY.

For service, contact your nearest THE COMPANY authorized warranty service facility or call 1-877-544-0982. Warranty service can only be performed by a THE COMPANY authorized service facility. At the time of requesting warranty service, evidence of original purchase date must be presented.

GENERAC PORTABLE PRODUCTS
Jefferson, WI 53549