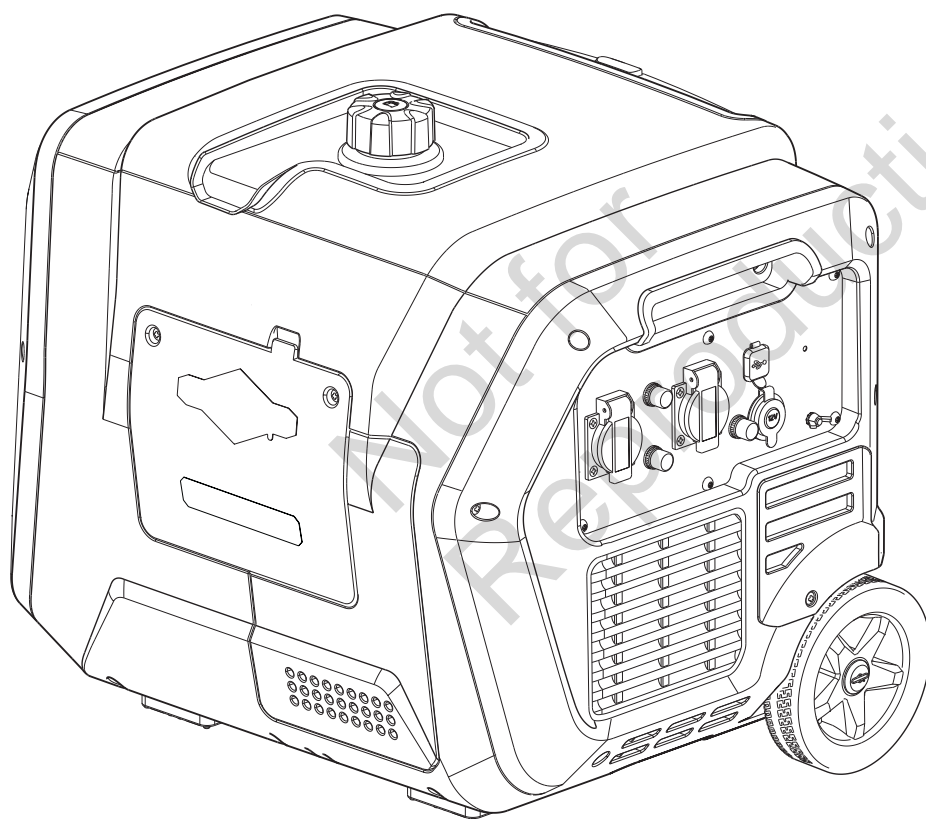




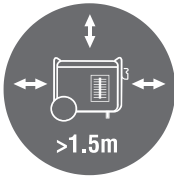
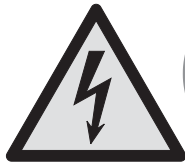
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ar - العربية
bg - български език
cs - Čeština
da - Dansk
de - Deutsch
el - Ελληνικά
es - Español
et - Eesti keel
fi - Suomi
fr - Français
hr - Hrvatski
hu - Magyar
it - Italiano
lt - Lietuvių k.
lv - Latviešu
nl - Nederlands
no - Norsk
pl - Polski
pt - Português
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tr - Türkçe

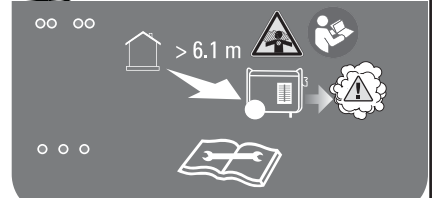
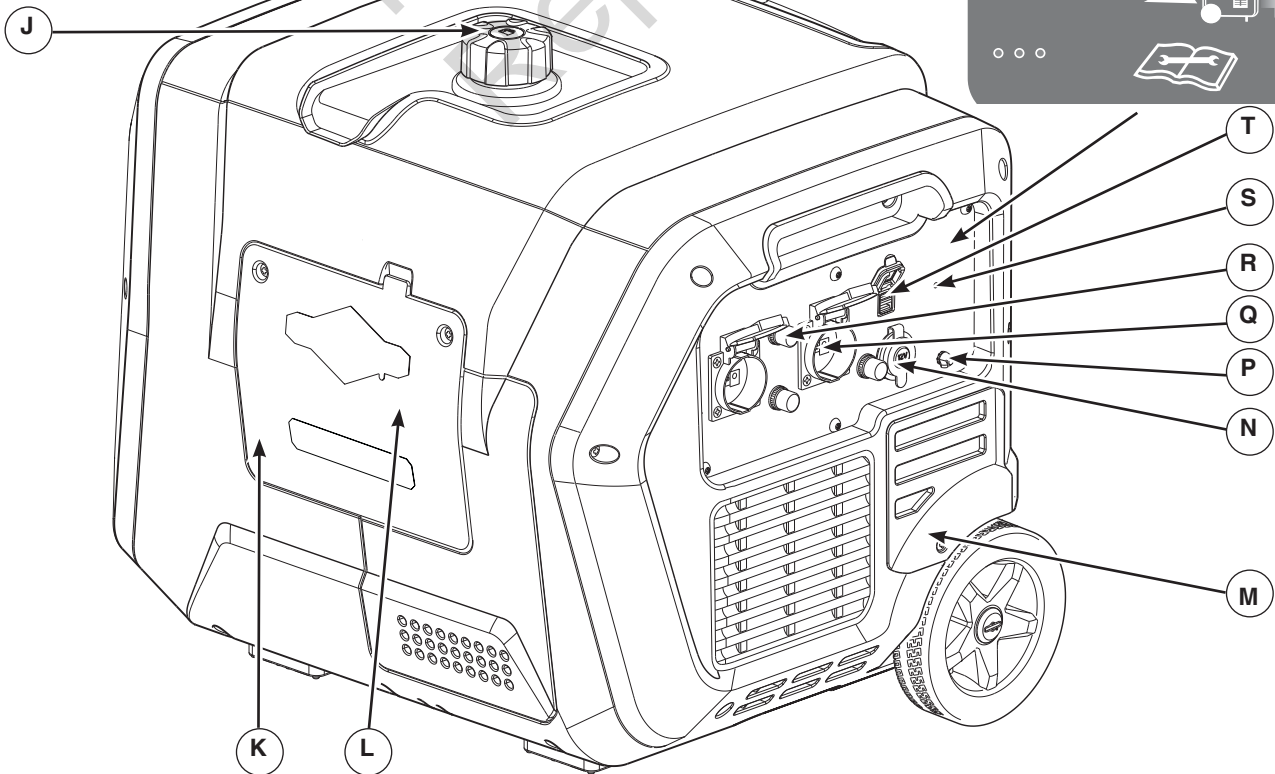
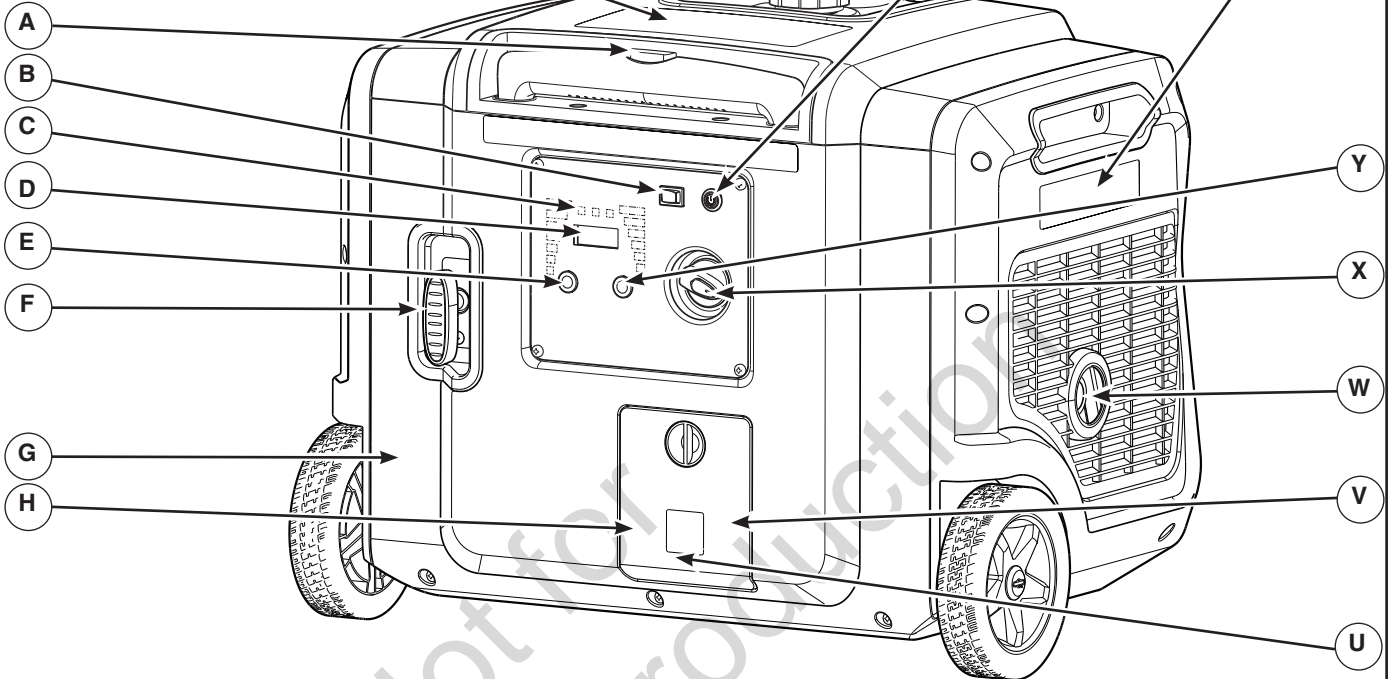
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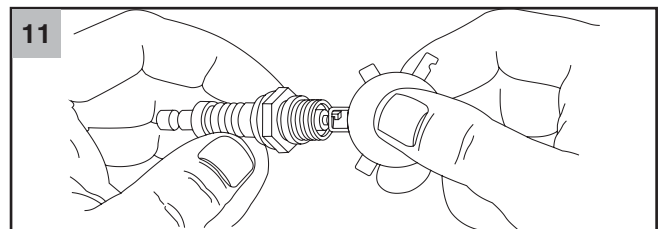
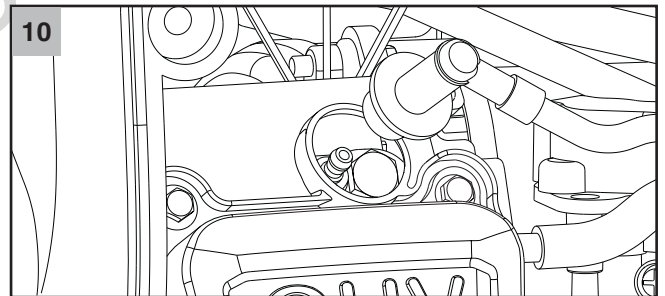
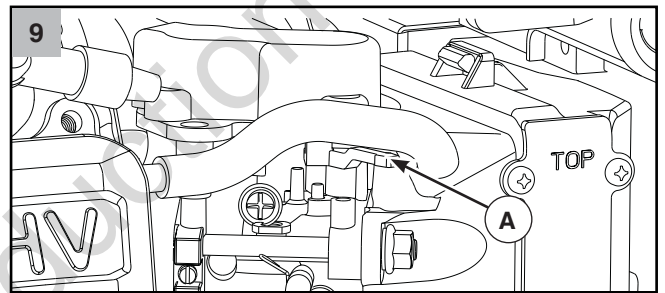
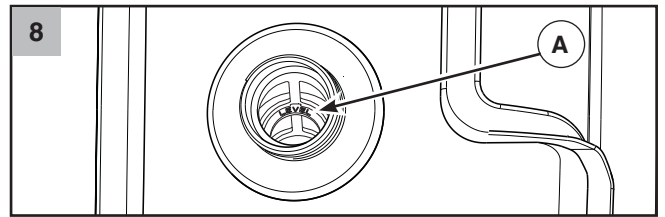
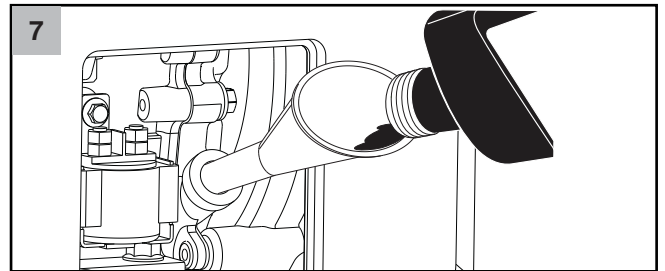
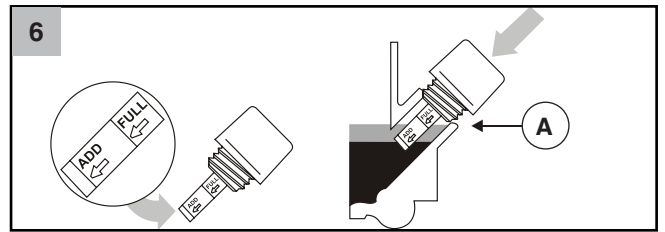
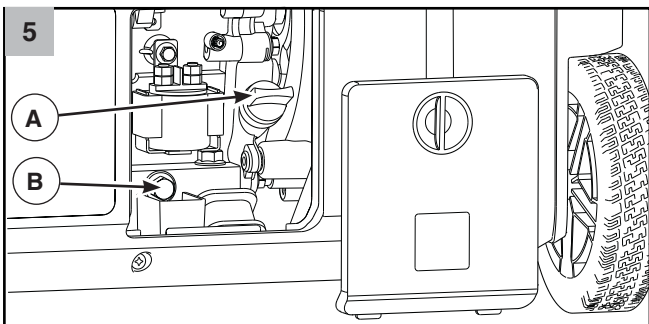
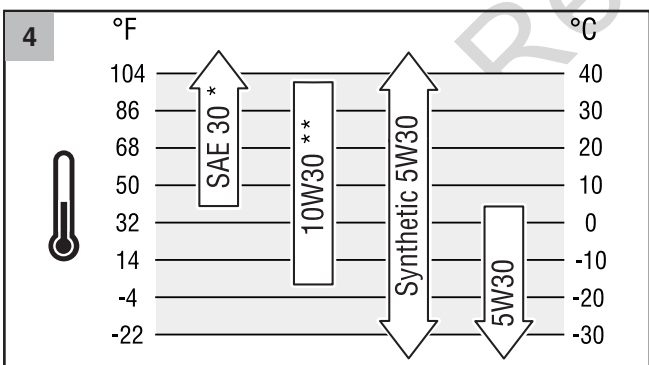
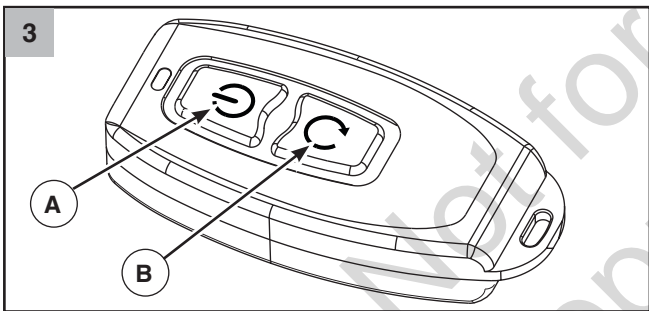
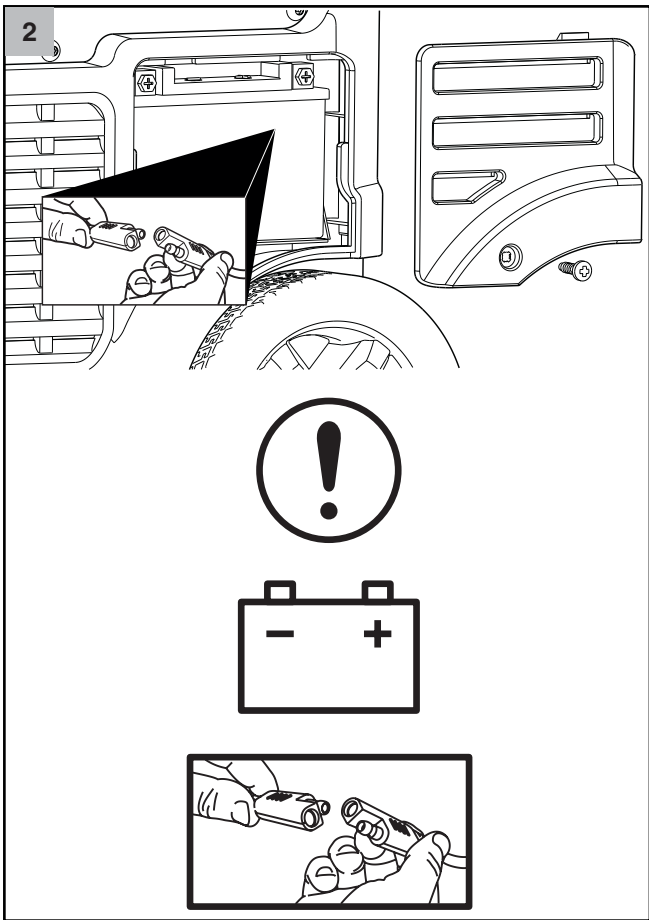


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Safety and Control Symbols

The safety alert symbol indicates a potential personal injury hazard. A safety symbol may be used to represent the type of hazard. **WARNING** indicates a hazard which, if not avoided, *could* result in death or serious injury. **CAUTION** indicates a hazard which, if not avoided, *could* result in minor or moderate injury. **NOTICE** indicates information considered important, but not hazard-related.



European Office Contact Information

For questions regarding European emissions, please contact our European office at:

Max-Born-Straße 2, 68519 Viernheim, Germany.

Equipment Description



Read this manual carefully and become familiar with your outdoor generator. Know its applications, its limitations, and any hazards involved. Save these original instructions for future reference.

The inverter generator is an engine-driven, revolving field, alternating and direct current (AC & DC) generator. The generator is designed to supply electrical power for operating compatible electrical lighting, appliances, tools and motor loads. The generator's revolving field is driven by a single-cylinder engine.

To move generator, press button and pull handle out. Press button to push handle back in.

The portable generator can be used to power outdoor items using an extension cord or to restore home power using a transfer switch. A transfer switch is a separate device installed by a licensed electrician that allows the portable generator to be cord connected, using the receptacle, directly into your home's electrical system. Install a manual transfer switch as soon as possible if generator will be used to provide home power restoration. The generator is not intended to supply systems that are legally required, for serious life safety or health hazards, or where lack of power hampers rescue of fire-fighting operations.

Every effort has been made to ensure that information in this manual is accurate and current. However, the manufacturer reserves the right to change, alter, or otherwise improve the generator and this document at any time without prior notice.

NOTICE If you have questions about intended use, contact an authorized service dealer. This equipment is designed to be used with Briggs & Stratton® authorized parts ONLY.

System Ground

The generator has a system ground that connects the generator frame components to the ground terminals on the AC output receptacles. The generator neutral is floating (N), which means that the AC stator winding is isolated from the grounding fastener and the AC receptacle ground pins. Electrical devices, such as RCD, requiring a grounded neutral may not operate properly from this generator. Earthing of the generator is not required.

Special Requirements

There may be regulations, local codes, or ordinances that apply to the intended use of the generator. Please consult a qualified electrician, electrical inspector, or the local agency having jurisdiction.



This generator is not intended to be used at a construction site or similar activity.

EU Disposal



This symbol indicates the owner of batteries and electrical or electronic equipment shall not dispose of this product with unsorted municipal waste. This product should be disposed of in environmentally appropriate waste locations. Please contact Briggs & Stratton or your local retailer for additional disposal information.

Features and Controls Figure 1

A	Retractable Handle	N	12 Volt DC Receptacle
B	Activate Switch	P	Grounding Fastener
C	Low Oil Indicator	Q	230 Volt AC, 16 Amp Receptacles
D	Hour Meter 	R	Circuit Breakers
E	QPT Button	S	Carbon Monoxide (CO) Shutdown Indicator Light
F	Recoil Starter	T	USB Ports
G	Identification Label	U	Oil Drain Plug (under cover)
H	Oil Service Cover	V	Oil Fill/Dipstick (under cover)
J	Fuel Cap	W	Spark Arrester Muffler/Exhaust
K	Maintenance Cover	X	Fuel Valve
L	Choke Lever (under cover)	Y	Main Reset 
M	Battery Cover	Z	On/Off Button

Assembly

Connect Battery Figure 2

You must connect battery to generator to enable electric or remote starting. The display panel, LED's and e-choke system are also powered by the battery.

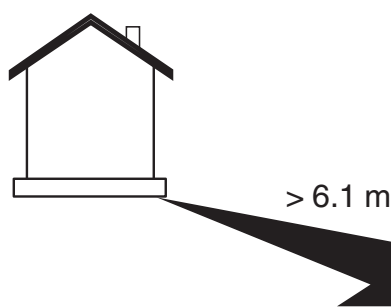
1. Remove screw and panel from in front of battery.
2. Connect two pin connector from battery to generator.

Pairing Remote Start Fob to the Generator Figure 1 3

The remote start fob needs to be paired with the generator to remotely start your generator. To pair the fob with the generator, follow the instructions below:

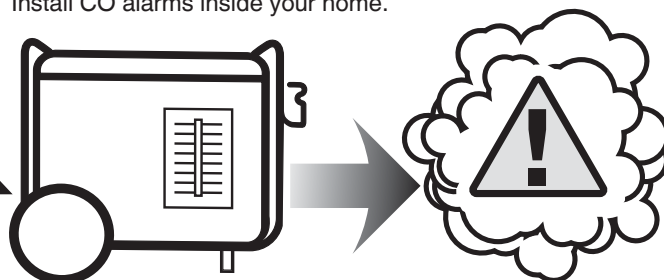
1. Press and hold the activate switch (1, **B**) for 10 seconds and the on/off button (1, **Z**) light will begin to flash blue.
2. Within 30 seconds, press and hold either button on the remote start fob (3) for 2 seconds. The on/off button (1, **Z**) light will blink rapidly 3 times signaling the remote start fob has been paired.

NOTICE All remote start fobs can be disconnected by pressing both the on/off button (1, **Z**) and activate switch (1, **B**) on the generator at the same time for 10 seconds.



Prevent Carbon Monoxide (CO) Poisoning

- Use outdoors at least 6.1 m from any home.
- Point exhaust away from all homes and occupied spaces.
- Install CO alarms inside your home.



Operation

Step 1: Safe Location

Before starting the portable generator there are two equally important safety concerns regarding carbon monoxide poisoning and fire that must be addressed.

Operation Location to Reduce the Risk of Carbon Monoxide Poisoning



WARNING! Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You cannot smell it, see it, or taste it.

Even if you do not smell exhaust fumes, you could still be exposed to carbon monoxide gas.

- Operate portable generator only outdoors, at least 6.1 m from occupied spaces with exhaust pointed away to reduce the risk of carbon monoxide accumulating.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up according to the manufacturer's instructions. Smoke alarms cannot detect carbon monoxide gas.
- Do not run portable generator inside homes, garages, basements, crawlspaces, sheds, or other partially enclosed spaces even if using fans or opening doors and windows for ventilation. Carbon monoxide can quickly build up in these spaces and can linger for hours, even after this product has shut off.
- Always point the engine exhaust away from occupied spaces.

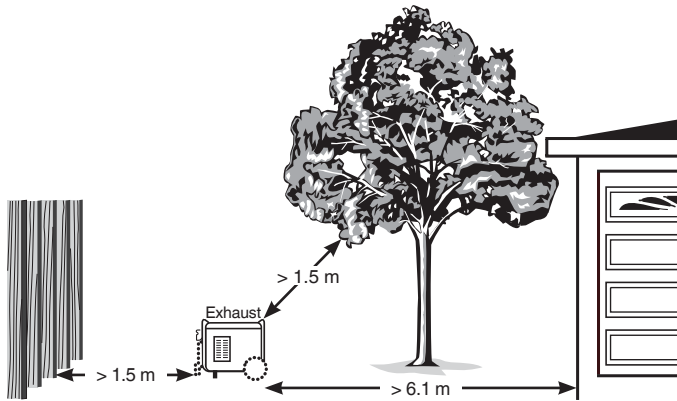
If you start to feel sick, dizzy, weak, or your homes carbon monoxide alarm sounds while using this product, get to fresh air right away. Call emergency services. You may have carbon monoxide poisoning.

Operation Location to Reduce the Risk of Fire



WARNING! Exhaust heat/gases could ignite combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury.

- Portable generator must be at least 1.5 m from any structure, overhang, trees, shrubs, or vegetation over 30.5 cm in height.
- Do not place portable generator under a deck or other type of structure that may confine airflow. Smoke alarm(s) must be installed and maintained indoors according to the manufacturer's instructions/recommendations.
- Carbon monoxide alarms cannot detect smoke.
- Do not place portable generator in manner other than shown.



Step 2: Oil and Fuel

Oil Recommendations Figure 4

We recommend the use of Briggs & Stratton Warranty Certified oils for best performance. Other high-quality detergent oils are acceptable if classified for service SF or higher. Do not use special additives.

Outdoor temperatures determine the proper oil viscosity for the engine. Use the chart to select the best viscosity for the outdoor temperature range expected.

* Below 4°C (40°F) the use of SAE 30 will result in hard starting.

** Above 27°C (80°F) the use of 10W30 may cause increased oil consumption. Check oil level more frequently.

Checking/Adding Engine Oil Figure 5 6 7

Oil level should be checked prior to each use or at least every 8 hours of operation. Keep oil level maintained.

1. Make sure generator is on a level surface.
2. Turn dial and open cover (5) over oil fill area.
3. Clean area around oil fill and remove dipstick.
4. Verify oil is at the full mark (6, A) on dipstick.
5. If needed, using oil funnel, slowly pour oil into oil fill opening (7) to full mark (6, A) on dipstick.

NOTICE Pause to permit oil to settle. Wipe dipstick clean each time oil level is checked. DO NOT overfill.

6. Replace and tighten dipstick.
7. Replace cover over oil fill area.

NOTICE Do not attempt to crank or start engine before it has been properly serviced with recommended oil. This could result in an engine failure.

Add Fuel Figure 1 8

Fuel must meet these requirements:

- Clean, fresh, unleaded gasoline with a minimum of 91 RON (87 octane/87 AKI).
- Gasoline with up to 10% ethanol content is acceptable.

NOTICE Do not mix oil in gasoline or modify engine to run on alternate fuels. Do not use unapproved gasoline such as E15 and E85. Use of unapproved fuels could damage generator and voids warranty.

See *High Altitude* for 1,524 m and above.



WARNING! Fuel and its vapors are extremely flammable which could cause burns or fire resulting in death or serious injury.

- Do not refuel or move during operation.
- Turn engine off and let it cool at least 2 minutes before removing fuel cap.
- Fill fuel tank outdoors. Do not spill fuel.
- Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.
- Check fuel lines, tank, cap and fittings frequently for cracks or leaks. Replace if necessary.
- Do not light a cigarette or smoke.
- Do not pour water on generator to put out fire.
- Only use a extinguisher rated for flammable liquids and electrical systems such as a powder extinguisher. Follow the instructions provided by fire extinguisher manufacturer before use.
- This generator is not for use in explosive atmospheres.
 1. Slowly remove fuel cap (1, J) to relieve pressure in tank.
 2. Slowly add unleaded fuel to max fill indicator (8, A) in fuel tank. Be careful not to fill above the indicator. This allows adequate space for fuel expansion.
 3. Install fuel cap and let any spilled fuel evaporate before starting engine.

High Altitude

At altitudes over 1524 m, a minimum 89 RON (85 octane/85 AKI) fuel is acceptable. To remain emissions compliant, high altitude adjustment is required. Operation without this adjustment will cause decreased performance, increased fuel consumption, and increased emissions.

See an Authorized Briggs & Stratton dealer for high altitude adjustment information. Operation of the engine at altitudes below 762 m with the high altitude kit is not recommended.

Transporting

When transporting equipment, turn fuel valve to off (⊖) position. Do not tip engine or equipment at angle which causes fuel to spill.

Low Oil Indicator

The low oil indicator system is designed to prevent engine damage caused by not enough engine oil. If the engine oil level drops below a preset level, the red LED low oil indicator light comes on and an oil level switch will stop the engine. If the engine stops or the red LED low oil indicator light comes on when you press the activate switch, check the engine oil level.

Step 3: Generator Start up **Figure 1 3 9**

Disconnect all electrical loads from the generator. Use the following start instructions:

1. Make sure unit is outdoors on a level surface.

NOTICE Failure to operate the unit on a level surface may cause the unit to shut down.

2. Turn fuel valve (1, X) clockwise to the on (🛢️) position.

Wireless Remote Starting

3. Press and hold on/off button (3, A) for one second on remote start fob to activate generator.
4. Within 5 seconds, press and hold start button (3, B) for one second. The on/off button on generator will blink blue when a signal is received and generator will start.

NOTICE If the generator failed to start, the generator on/off button will turn red for 5 seconds, then blink green for up to one minute. Repeat step 4.

Manual or Electric Starting

3. Press activate switch (1, B) to turn on display. On/off button (2, Z) will blink green for up to one minute.

NOTICE If on/off button doesn't blink green, battery is not connected or too low to start generator.

NOTICE This unit is equipped with an e-choke system. An e-choke system means there is no manual priming or choking required as long as battery is connected and charged.

- 4A. **For electric starting;** press and hold on/off button (2, Z) for one second while it's blinking green to start generator. Once generator starts, on/off button will turn blue indicating generator is ready for use.

NOTICE If generator failed to start, on/off button will turn red for 5 seconds, then blink green for up to one minute. Repeat step 4A.

- 4B. **For manual starting;** grasp recoil (1, F) and pull slowly until slight resistance is felt. Then pull rapidly to start engine. The e-choke may still engage with a low battery.

NOTICE If generator continues not to start, your battery may be discharged too low and you will need to manually choke engine. Remove maintenance cover and position choke lever (9, A) to choke position (to the right as shown). The e-choke will automatically turn choke off once generator starts. Reinstall maintenance cover.

NOTICE If engine starts but fails to run, see *Low Oil Indicator*.

Remote Start Lockout

The remote start can be locked out so that your generator can not be started remotely. To lock out the remote start, press activate switch (1, B) to turn on display, then press and hold the on/off button (1, Z) on the generator for 10 seconds. The on/off light will then blink red three times signifying remote start function is locked out. To unlock, repeat.

Pressing either button on the remote start fob, the on/off button will blink red 3 times when locked and will blink blue 3 times when unlocked.

QPT™ (QUIET POWER TECHNOLOGY™) **Figure 1**

This feature improves fuel economy. When QPT switch (E) is turned ON, the engine speed will increase as electrical loads are connected, and decreased as electrical loads are removed.

With the switch off, the engine will run at a higher speed.

To Restore Home Power Using a Transfer Switch

Connections to your home's electrical system must use a manual transfer switch installed by a qualified electrician. The connection must isolate the generator power from the utility power and comply with all applicable laws and electrical codes.

To Restore Power Using Extension Cords

Generator may only be loaded up to rated power under the rated conditions as shown on unit data tag. Reduce load when using generator outside of rated conditions. Use only high quality, well-insulated extension cables in accordance with IEC 60245-4 with the generator's 230 Volt AC outlets. Inspect extension cables before each use. Check that all extension cables are suitably rated and are not damaged. When using extension cords under 40° C, the total length of cords for a cross section of 1.5 mm² should not exceed 50 m or for a cross section of 2.5 mm² should not exceed 80 m.



WARNING! Damaged or overloaded extension cords could overheat, arc, and burn resulting in death or serious injury.

- Electrical equipment, including cables and plug connections, should not be defective.
 1. Install carbon monoxide alarm(s).
 2. When operating generator with extension cords, make sure it is located in an open, outdoor area, at least 6.1 m from occupied spaces with exhaust pointed away.
 3. Extension cords running directly into home, powering indoor items IS NOT RECOMMENDED.



WARNING! Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You cannot smell it, see it, or taste it. Even if you do not smell exhaust fumes, you could still be exposed to carbon monoxide gas.

- Extension cords running directly into the home increase your risk of carbon monoxide poisoning through openings.
- If an extension cord running directly into the home is used to power indoor items, the operator recognizes that this increases the risk of CO poisoning to people inside the home and assumes that risk.
- 4. Install a manual transfer switch as soon as possible if generator will be used to provide home power restoration.

230 Volt AC, 16 Amp Receptacles **Figure 1**

Use receptacles (Q) to operate 230 Volt AC, single-phase, 50 Hz electrical loads requiring up to 3,680 watts (3.68 kW) at 16 Amps of current.



WARNING! Generator voltage could cause electrical shock or burn resulting in death or serious injury.

- Do not touch bare wires or receptacles.
- Do not use generator with electrical cords which are worn, frayed, bare or otherwise damaged.
- Do not operate generator in the rain or wet weather.
- Do not handle generator or electrical cords while standing in water, while barefoot, or while hands or feet are wet.
- Do not allow unqualified persons or children to operate or service generator.
- Keep children a safe distance from generator.

12 Volt DC Receptacle **Figure 1**

The maximum current available for the 12 Volt DC receptacle (N) is 60 Watts (5 Amps). A DC circuit breaker protects this receptacle from overloads. If an overload occurs, the circuit breaker will trip (push button pops out). Wait a few minutes and push the button in to reset the circuit breaker.

5 Volt DC USB Ports **Figure 1**

The maximum combined current available for the USB ports (T) is 2.1 Amps at 5 Volts. The USB port allows you to recharge most USB powered devices with a USB charging cable (not included).

NOTICE For maximum output when charging Apple devices, use the bottom USB port.

NOTICE For charging ITE (Information Technology Equipment) only.


Power Use

The power use monitor indicates percentage of total generator load using LED's. The first green LED indicates generator is operating normally or producing more than 5% load. The fourth green LED comes on after 50% load is reached. The last yellow LED comes on after 100% load is reached.

Output Indicator **OK!**

The green LED output indicator light comes on when generator is operating normally. It indicates that generator is producing power at receptacles. It will also start flashing red if you start to overload generator.



Overload Alarm **Figure 1**

The red LED overload alarm light comes on and cuts power to receptacles if you overload generator. The output indicator light will also go off. If generator was overloaded, you must turn off and unplug all electrical loads, press Main Reset  button (Y) on generator control panel and then plug in and restart electrical loads one at a time to continue in normal operating mode.

Carbon Monoxide (CO) Shutdown System **Figure 1**

Automatically shuts down the engine when harmful levels of carbon monoxide accumulate around the generator or a CO shutdown system fault occurs. After shutdown, the indicator light (S) will blink for at least five minutes per the chart below.

The CO shutdown system DOES NOT replace carbon monoxide alarms. Install battery-powered carbon monoxide alarm(s) in your home. Do not run generator in enclosed areas.

Color/Pattern	Description
Red •• •• 	Carbon monoxide accumulated around generator. Move generator to an open, outdoor area 6.1 m from occupied spaces with exhaust pointed away. Automatic shutdown is an indication generator was improperly located. Air out premises (e.g. open windows and doors) before reoccupying. If you start to feel sick, dizzy, weak, or your homes carbon monoxide alarm sounds while using this product, get to fresh air right away. Call emergency services. You may have carbon monoxide poisoning.
Blue •••• 	CO shutdown system fault occurred*. See Briggs & Stratton authorized service dealer.

*Blue light will blink for five seconds at the startup of generator to show the CO shutdown system is functioning properly.

Step 5: Generator Shut Down **Figure 1 3**

1. Turn off and unplug all electrical loads from generator panel receptacles. Never stop engine with electrical devices plugged in and turned on.
2. Let engine run at no-load for one minute to stabilize internal temperatures of engine and generator.
3. Press either button on the remote start fob (3) or press the on/off button (1, Z) on the generator.

Maintenance

Maintenance Schedule

Follow hourly or calendar intervals, whichever occurs first. More frequent service is required when operating in adverse conditions.

First 5 Hours
<ul style="list-style-type: none">• Change engine oil
Every 8 Hours or Daily
<ul style="list-style-type: none">• Clean debris• Check engine oil level
Every 25 Hours or Yearly
<ul style="list-style-type: none">• Clean engine air filter^{1,2}
Every 50 Hours or Yearly
<ul style="list-style-type: none">• Inspect muffler and spark arrester¹
Every 100 Hours or Yearly
<ul style="list-style-type: none">• Change engine oil¹
Yearly
<ul style="list-style-type: none">• Replace engine air filter^{1,2}• Replace spark plug

¹ Service more often under dirty or dusty conditions.

² See authorized service dealer.

General Recommendations

Regular maintenance will improve performance and extend the life of the outdoor generator. See any Briggs & Stratton Authorized Service Dealer for service. Installation and major repair work should only be performed by specifically trained personnel.

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



WARNING! To ensure machine safety, use only original spare parts from the manufacturer or approved by the manufacturer. Should you have questions about replacing components on your generator, please visit our website at **BRIGGSandSTRATTON.COM**.



CAUTION Excessive high or low operating speeds could result in minor injury. Do not tamper with governor spring, links or other parts to change speed. Do not modify generator in any way.

EU Stage V: CO2 Values

CO2 values of Briggs & Stratton Type Approved engines can be found at BriggsandStratton.com by typing CO2 into the search bar.

Battery Maintenance Figure 2

The generator is equipped with an automatic battery charging circuit that charges the battery while the engine is running. If the generator isn't used frequently, the battery should be connected to a trickle charger or battery maintainer (not included) to keep it properly charged.

1. Remove panel from in front of the battery.
2. Disconnect the two pin connector from the battery to the generator.

NOTICE Do not exceed 1.5 Amp charging rate.

3. Follow the instructions included with the trickle charger or battery maintainer.

Engine Maintenance

Changing Engine Oil Figure 5 6 7



CAUTION Avoid prolonged or repeated skin contact with used motor oil. Used motor oil has been shown to cause skin cancer in certain laboratory animals. Thoroughly wash exposed areas with soap and water.



KEEP OUT OF REACH OF CHILDREN. DON'T POLLUTE. CONSERVE RESOURCES. RETURN USED OIL TO COLLECTION CENTERS.

Change oil while engine is warm from running, as follows:

1. Remove cover over the oil fill area.
2. Remove oil drain plug (**5, B**) and drain oil completely into a suitable container.
3. Reinstall oil drain plug and tighten securely. Remove dipstick (**5, A**).
4. Using an oil funnel, slowly pour recommended oil (about 20 oz. (0.6 l)) into oil fill opening (**7**). Pause to permit oil to settle. Fill to Full mark (**6, A**) on dipstick.
5. Wipe dipstick clean each time oil level is checked. Do not overfill.
6. Reinstall dipstick. Tighten cap securely.
7. Wipe up any spilled oil.
8. Replace cover over oil fill area.

Service Spark Plug **Figure 1 10 11**

Changing the spark plug will help your engine to start easier and run better.

1. Loosen the two maintenance cover (1, K) screws and remove the maintenance cover.
2. Clean area around spark plug and remove spark plug boot (10).
3. Remove spark plug and inspect spark plug.
4. Replace spark plug if electrodes are pitted, burned or porcelain is cracked. Use the recommended replacement spark plug. See *Common Service Parts*.
5. Check electrode gap (11) with wire feeler gauge and reset spark plug gap to recommended gap if necessary (see *Specifications*).
6. Install spark plug and tighten firmly. Reinstall spark plug boot.
7. Reinstall maintenance cover and hand tighten screws.

Inspect Spark Arrester

Inspect spark arrester for damage or carbon blockage. If damage is found or cleaning is needed, see a Briggs & Stratton Authorized Service Dealer.



WARNING! Contact with muffler area could cause burns resulting in serious injury.

- Pay attention to the warnings on the generator.
- Do not touch hot parts.

Storage

If storing the unit for more than 30 days, use the following guidelines to prepare it for storage.

Long Term Storage Instructions

1. Clean the generator as outlined in *Cleaning*.
2. Change engine oil while engine is still warm, drain oil from crankcase. Refill with recommended grade. See *Changing Engine Oil*.
3. Treat or drain fuel from generator as fuel can become stale when stored over 30 days.

Stale fuel causes acid and gum deposits to form in the fuel system or on essential carburetor parts. To keep fuel fresh, use a fuel stabilizer.

There is no need to drain gasoline from the engine if a fuel stabilizer is added according to instructions. Run the engine for 2 minutes to circulate the stabilizer throughout the fuel system before storage.

If gasoline in the engine has not been treated with a fuel stabilizer, it must be drained into an approved container. Then run the engine until it stops from lack of fuel. The use of a fuel stabilizer in the storage container is recommended to maintain freshness.



WARNING! Fuel and its vapors are extremely flammable and explosive which could cause burns, fire or explosion resulting in death or serious injury.


- When storing fuel or equipment with fuel in tank, store away from furnaces, stoves, water heaters, clothes dryers or other appliances that have pilot light or other ignition source because they could ignite fuel vapors.
 - When draining fuel, turn generator engine off and let it cool at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank. Drain fuel tank outdoors. Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.
 - Check fuel lines, tank, cap and fittings frequently for cracks or leaks. Replace if necessary.
4. Charge battery as outlined in *Battery Maintenance*.
 5. Store generator in clean, dry area and cover with a suitable protective cover that does not retain moisture.



WARNING! Storage covers could cause a fire resulting in death or serious injury.

- Do not place a storage cover over a hot or running generator. Let equipment cool for a sufficient time before placing the cover on the equipment.

Troubleshooting

Problem	Cause	Correction
Engine is running, but no AC output is available.	<ol style="list-style-type: none"> 1. One of the circuit breakers is open. 2. Poor connection or defective cord set. 3. Connected device is bad. 4. Red LED light is steady. Generator is overloaded or overheated. 	<ol style="list-style-type: none"> 1. Reset circuit breaker. 2. Check and repair. 3. Connect another device that is in good condition. 4. See <i>Generator Capacity</i>. Press MAIN RESET  button on control panel.
Engine runs well at no-load but “bogs down” when loads are connected.	<ol style="list-style-type: none"> 1. Generator is overloaded. 	<ol style="list-style-type: none"> 1. See <i>Generator Capacity</i>.
Engine will not start; starts and runs rough or shuts down when running.	<ol style="list-style-type: none"> 1. Fuel valve is in off (☞) position. 2. Low oil indicator light comes on. Low oil level. 3. Dirty air cleaner. 4. Out of fuel. 5. Spark plug wire not connected to spark plug. 6. Flooded with fuel. 	<ol style="list-style-type: none"> 1. Turn fuel valve to on (☑) position. 2. Fill crankcase to proper level or place generator on level surface. 3. Clean or replace air cleaner. 4. Fill fuel tank. 5. Connect wire to spark plug. 6. Wait 5 minutes and re-crank engine.
Engine shuts down and CO Guard LED blinks red (•• ••).	<ol style="list-style-type: none"> 1. Generator improperly located. 	<ol style="list-style-type: none"> 1. Move generator to an open, outdoor area. Air out premises (e.g. open windows and doors) before reoccupying. See <i>CO Guard Carbon Monoxide (CO) Shutdown System</i>.

For all other issues, see a Briggs & Stratton authorized dealer.

Specifications

Starting Wattage*	4,500
Rated Wattage**	3,700
AC Current	
at 230 Volts	16.1 Amps
at 12 Volts DC	5.0 Amps
at 5 Volts DC	2.1 Amps
Frequency	50 Hz
Phase	Single Phase
Displacement	224 cc (13.7 cu. in.)
Spark Plug Gap	0.7-0.8 mm (0.028-0.031 in.)
Fuel Capacity	13.25 Liters (3.5 U.S. Gallons)
Oil Capacity	0.6 Liters (20 Ounces)

Common Service Parts

Spark Plug	84001980
Engine Oil Bottle	100028
Synthetic Oil Bottle	100074

For a full list of parts and diagrams, please visit BRIGGSandSTRATTON.COM.

* The momentary electrical current the generator can provide to start electric motors, per Briggs & Stratton 628K. It does not represent the power required to continuously run electrical loads. It is the maximum current that can momentarily be supplied when starting a motor, multiplied by the generator's rated voltage.

** Generator per EN ISO 8528-13:2016, Reciprocating internal combustion engine driven generating sets- Part 13: Safety.

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Reproduction

BRIGGS & STRATTON PRODUCTS WARRANTY POLICY

Limited Warranty

Briggs & Stratton warrants that, during the warranty period specified below, it will repair or replace, free of charge, any part that is defective in material or workmanship or both. Transportation charges on product submitted for repair or replacement under this warranty must be borne by purchaser. This warranty is effective for and is subject to the time periods and conditions stated below. For warranty service, find the nearest Authorized Service Dealer in our dealer locator map at www.briggsandstratton.com. The purchaser must contact the Authorized Service Dealer, and then make the product available to the Authorized Service Dealer for inspection and testing.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to the warranty period listed below, or to the extent permitted by law. Liability for incidental or consequential damages are excluded to the extent exclusion is permitted by law. Some states or countries do not allow limitations on how long an implied warranty lasts, and some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion 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 or country to country.**

WARRANTY PERIOD

Consumer Use	Commercial Use
36 months ▲	12 months

▲ Battery (if equipped) 3 months consumer use, none commercial use.

** In Australia - Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For warranty service, find the nearest Authorized Service Dealer in our dealer locator map at BRIGGSandSTRATTON.COM, or by calling 1300 274 447, or by emailing or writing to salesenquires@briggsandstratton.com.au, Briggs & Stratton Australia Pty Ltd, 1 Moorebank Avenue, NSW, Australia, 2170.

The warranty period begins on the date of purchase by the first retail or commercial consumer. "Consumer use" means personal residential household use by a retail consumer. "Commercial use" means all other uses, including use for commercial, income producing or rental purposes. Once a product has experienced commercial use, it shall thereafter be considered as a commercial use product for purposes of this warranty.

Save your proof of purchase receipt. If you do not provide proof of the initial purchase date at the time warranty service is requested, the manufacturing date of the product will be used to determine the warranty period. Product registration is not required to obtain warranty service on Briggs & Stratton products.

ABOUT YOUR WARRANTY

Warranty service is available only through Briggs & Stratton Authorized Service Dealers. Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. This warranty covers only defects in materials or workmanship. It does not cover damage caused by improper use or abuse, improper maintenance or repair, normal wear and tear, or stale or unapproved fuel.

Improper Use and Abuse - The proper, intended use of this product is described in the Operator's Manual. Using the product in a way not described in the Operator's Manual or using the product after it has been damaged will not be covered under this warranty. Warranty coverage will also not be provided if the serial number on the product has been removed or the product has been altered or modified in any way, or if the product has evidence of abuse such as impact damage or water/chemical corrosion damage.

Improper Maintenance or Repair - This product must be maintained according to the procedures and schedules provided in the Operator's Manual, and serviced or repaired using genuine Briggs & Stratton parts or equivalent. Damage caused by lack of maintenance or use of non-original parts is not covered by warranty.

Normal Wear and Tear - Like most mechanical devices, your unit is subject to wear even when properly maintained. This warranty does not cover repairs when normal use has exhausted the life of a part or the equipment. Maintenance and wear items such as filters, belts, cutting blades, and brake pads (except engine brake pads) are not covered by warranty due to wear characteristics alone, unless the cause is due to defects in material or workmanship.

Stale or Unapproved Fuel - In order to function correctly, this product requires fresh fuel that conforms to the criteria specified in the Operator's Manual. Engine or equipment damage caused by stale fuel or the use of unapproved fuels (such as E15 or E85 ethanol blends) is not covered by warranty.

Other Exclusions - This warranty excludes damage due to accident, abuse, modifications, alterations, improper servicing, freezing or chemical deterioration. Attachments or accessories that were not originally packaged with the product are also excluded. There is no warranty coverage on equipment used for primary power in place of utility power or on equipment used in life support applications. This warranty does not include used, reconditioned, second-hand, or demonstration equipment or engines. This warranty also excludes failures due to acts of God and other force majeure events beyond the manufacturer's control.

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