

PM0605000

Insert



ELECTRIC GENERATOR -

Thank you for selecting a Coleman® Powermate® Generator. The Coleman® Powermate® generator has been made to supply reliable, portable electrical power when utility power is not available. We hope you will enjoy your new generator. Welcome to our worldwide family of Coleman® Powermate® generator users.



IMPORTANT – Please make certain that persons who are to use this equipment thoroughly read and understand these instructions and any additional instructions provided prior to operation.

MAJOR GENERATOR FEATURES

- * 13 HP Honda OHV engine
- * Cast-iron cylinder sleeve
- * Low oil sensor
- * Receptacles on control panel
- * Idle control
- * CordKeeper™
- * 7 gallon metal fuel tank
- * Spark arrester
- * Portability Kit

CONTROL PANEL

A. 120 Volt GFCI Receptacle

Ground Fault Circuit Interrupter duplex receptacle is rated so that a total of 20 amps may be drawn regardless of whether both halves or just one receptacle is used. This receptacle may be used along with other receptacles provided the generator is not overloaded and total power drawn is kept within nameplate ratings.

Ground Fault Circuit Interrupter

(Conforms to U.L 943, Class A and NEC requirements)

This device protects you against hazardous electrical shock that may be caused if your body becomes a path through which electricity travels to reach ground. This could happen when you touch an appliance or cord that is “live” through faulty mechanism, damp or worn insulation, etc.

The GFCI receptacle cannot be reset once tripped, unless the generator is running and power is available to it. Test regularly to assure proper operation.

B. 120/240 V, 30 Ampere Twistlock Receptacle

Maximum full load current may be drawn from the 120/240 volt receptacle, provided it is the only receptacle used. Total current must be limited to the nameplate rating. If the 120/240 volt receptacle is used along with the 120 volt receptacle, the total load drawn must not exceed the nameplate ratings.

C. 120 Volt, 30 Ampere Twistlock Receptacle

You may draw a maximum of 30 amps from this receptacle. If other receptacles are used at the same time, total power used must be kept within nameplate ratings.

D. CordKeeper™ Restraint

The CordKeeper™ restraint is a unique feature used to prevent plugs from being pulled out of the receptacles.

E. Circuit Protectors

The receptacles are protected by an AC circuit protector. If the generator is overloaded or an external short circuit occurs, the circuit protector will trip. If this occurs, disconnect all electrical loads and try to determine the cause of the problem before attempting to use the generator again. If overloading causes the circuit protector to trip, reduce the load. **NOTE: Continuous tripping of the circuit protector may cause damage to generator or equipment.** The circuit protector may be reset by pushing the button of the protector.

F. Engine On/Off Switch

G. Idle Control Switch

The Idle Control circuit is designed to extend engine life and improve fuel usage by slowing the engine down to approximately 2200 RPM in a “No Load” condition. The noise is also greatly reduced during this condition.

When power is required from the generator an electronic control module automatically senses current flow in the electrical outlet and allows the engine to return to full speed or standard operating condition. Likewise, when the load is removed, the generator will automatically return to the idle condition after a 4-5 second delay.

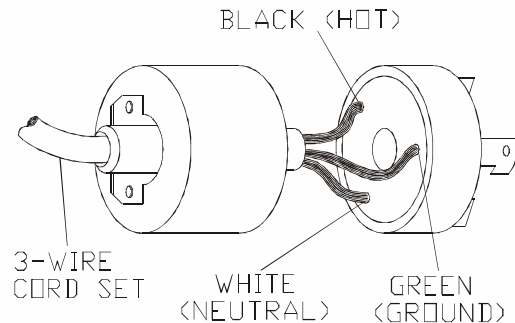
A convenient switch is mounted in the control panel for easy access and will disable the Idle Control circuitry when in the off position.

POWER CORD CONNECTIONS

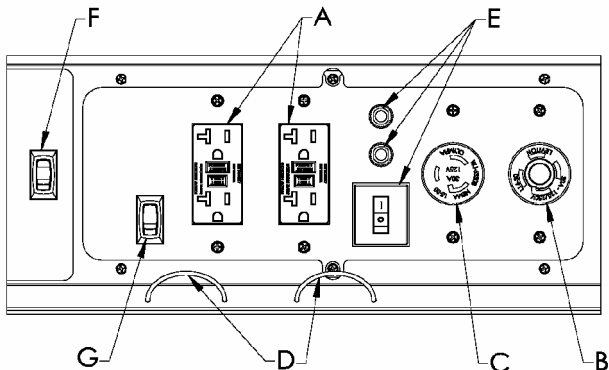
Refer to the diagram for proper connection of power cord wires to the plug terminals.



CAUTION: Insure that the power cord used is well insulated and has a sufficient rating to match that of the plug.



120 Volt 30 Amp Plug



IDLE CONTROL TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unit will not idle	Control panel switch not on	Turn to idle on position
	Load plugged into receptacle	Unplug load
	Poor connection or faulty cord	Check & repair
	Bad I.C. module; Bad electro-magnet or solenoids; Bad stator	Replace
Consult dealer		
Unit idles even with load plugged in	Load not heavy enough	Turn idle switch to off position
		Increase load
	Bad I.C. module	Replace
		Consult dealer
Unit tries to idle but won't stay latched	Electro-magnet or solenoid position incorrect	Reset magnet or solenoid position for 2200 RPM idle speed
		Consult dealer
	Flapper bracket loose or bent	Tighten or straighten
		Replace flapper. Readjust to 2200 RPM
	Engine not running smoothly	Adjust carburetor
		Consult dealer

LIMITED WARRANTY

Warranty Coverage: Powermate Corporation (the Company) warrants to the original retail customer in North America that it will repair or replace, free of charge, any parts found by the Company or its authorized service representative to be defective in material or workmanship. This warranty covers the cost of replacement parts and labor for defects in material or workmanship.

Not Covered:

- Transportation charges for sending the product to the Company or its authorized service representative for warranty service, or for shipping repaired or replacement products back to the customer; these charges must be borne by the customer.
- Engine is covered exclusively by a separate warranty from the engine manufacturer, included with the engine Manual.
- Damages caused by abuse or accident, and the effects of corrosion, erosion and normal wear and tear.
- Warranty is voided if the customer fails to install, maintain and operate the product in accordance with the instructions and recommendations of the Company set forth in the owner's manual.
- The Company will not pay for repairs or adjustments to the product, or for any costs or labor, performed without the Company's prior authorization.

Warranty Period: Two (2) years from the date of purchase on products used solely for consumer applications; if a product is used for business or commercial applications, the warranty period will be limited to one (1) year from the date of purchase; if a product is used for rental applications, the warranty period will be limited to ninety (90) days from the date of purchase. For warranty service, the customer must provide dated proof of purchase and must notify the Company within the warranty period.

For warranty service: Call toll free 800-445-1805, or write to Powermate Corporation, Product Services, 4970 Airport Road, P. O. Box 6001, Kearney, NE 68848.

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This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow a disclaimer of implied warranties, or the exclusion or limitation of incidental and consequential damages, so the above disclaimers and exclusions may not apply to you.

PORTABILITY KIT INSTALLATION

TOOLS REQUIRED: 7/16", 1/2" and 9/16" sockets and ratchets, block(s) of wood (minimum of 6" tall).
Refer to the parts list on page 9.

WHEEL INSTALLATION

1. Block up end of generator opposite the fuel tank cap to install wheel kit.
2. Insert wheel spacer (item 45) into the center of the wheel (item 31).
3. Slide 3/8 x 4.25" bolt (item 35) and 3/8 washer (item 30) through the wheel (item 31), then through the wheel bracket on the carrier, with the offset side of the wheel hub against the wheel bracket.
4. Thread 3/8 nyloc nut (item 36) onto the bolt and tighten to securely clamp the wheel assembly to the carrier.
5. Repeat above instructions for the remaining wheel.

FOOT INSTALLATION

1. Assemble the rubber feet (item 32) to the foot bracket (item 49) using a 1/4-20 x 1.5" bolt (item 48). Thread a 1/4 washer (item 39) and a 1/4 nyloc nut (item 13) to the bolt to secure the assembly. **Caution: Do not over tighten so that the foot material collapses.**
2. Blocking up the alternator side of the generator, place the foot bracket under the carrier channel. Thread a 5/16-18 x 1" bolt (item 47) with a 5/16 wide washer (item 34) through the mounting holes and thread a 5/16 wide washer (item 34) and a 5/16 nyloc nut (item 16) to the bolt to secure the foot bracket to the carrier.

HANDLE INSTALLATION

1. Place handle (item 28) and spacer (item 60) over carrier on same end as feet, as shown in the diagram.
2. Slide 5/16 x 2.25" bolt (item 29) and 5/16 washers (item 15) through handle and spacer as shown in diagram and secure with 5/16" nyloc nut (item 16). Tighten until handle is securely clamped to the carrier.
3. Apply aerosol hairspray or similar adhesive to the handle (item 28), and then slide the handle grip (item 46) onto the handle. The aerosol hairspray will allow for easier assembly and will adhere the grip to the handle.
4. Insert cap (item 38) into end of handle (item 28).
5. Repeat above instructions for the remaining handle.

LOCKING HANDLE

1. Attach the lanyards (item 33) to the release pins (item 37) and carrier as shown in the illustration.
2. To lock the handle (item 28) in the extended position, align the holes in the carrier brackets with the holes in the carrier brackets and insert the release pins (item 37).

