Coleman Powermate®

Rechargeable Compact Jumpstart System

Système compact de démarrage de secours rechargeable

Sistema Recargable Compacto de Arranque

Owner's Manual
Manuel de l'utilisateur
Manual del Usuario

PMJ8960 Models
Modèles PMJ8960
Modelos PMJ8960

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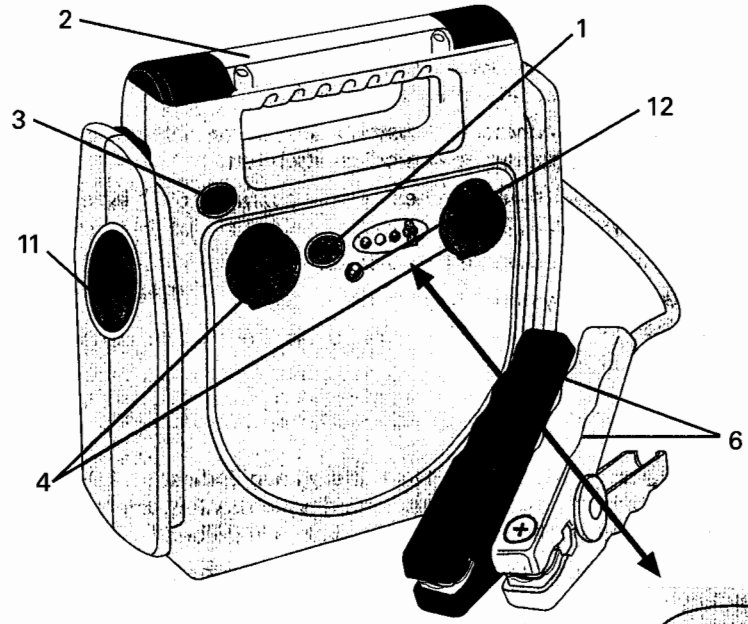
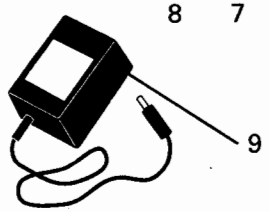
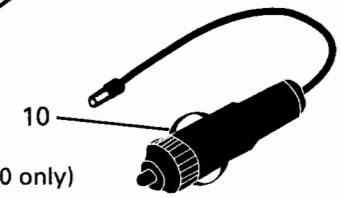
Welcome.
This COLEMAN® POWERMATE® product has been carefully engineered and manufactured to give you dependable operation. Please read this manual thoroughly before operating your new COLEMAN® POWERMATE® product, as it contains the information you need to become familiar with its features and obtain the performance that will bring you continued enjoyment for many years. Please keep this manual on file for future reference.



Location of Controls.

1. Battery Level Button
2. 4W Fluorescent Worklight
3. Worklight ON/OFF Switch
4. Dual 12-Volt Power Ports
5. Charging Port with Protective Cover
6. Positive (Red) and Negetive (Black) Booster Clamps with #6 Gauge Cables
7. LED Battery Level Indicator Lights
8. Charging Indicator Light
9. 120 Volt AC Charging Adaptor
10. 12 Volt DC Charging Cord
11. Booster Cable ON/OFF Switch (Model PMJ8960 only)
12. Reverse Polarity Indicator Light (Model PMJ8960 only)





Warnings:

- Do not allow the positive and negative booster clamps of the Jumpstart System to come into contact with each other (or a common piece of metal) at any time. Sparking, an explosion or damage to the unit may result.
- When jumpstarting a vehicle, make sure that the positive and negative booster clamps are properly connected to the vehicle and battery. Failure to connect the clamps properly may cause sparking, an explosion or damage to the unit.
- Always wear eye protection when working with batteries.
- If battery acid comes into contact with eyes, flood the eyes with water for at least 10 minutes. Seek medical attention immediately.
- If skin or clothing come into contact with battery acid, immediately wash the affected area with soap and water. Seek medical attention.
- Be sure to remove all metal items (watches, necklaces, rings, etc.) before using the Jumpstart System.
- Do not expose the Jumpstart System to moisture.
- Always turn the Jumpstart System off when not in use.
- Do not open the Jumpstart System. There are no user serviceable parts in this unit. Doing so will void the warranty.

Battery Status.

Press and hold the Battery Level button. The Battery Level Indicator LEDs will illuminate to indicate the amount of charge remaining in the Jumpstart System. When you release the button, the LED indicator lights will go out.

- When the battery is fully charged, all three indicator lights will illuminate.
- When the battery is at 50%, only the first two (amber and red) indicator lights will illuminate.
- When only the red indicator light or none of the LED indicator lights are illuminated, you must recharge the Jumpstart System as soon as possible.

Charging the Battery.

The PMJ8960 has a built-in sealed lead acid battery. Although the Jumpstsrt System may arrive partially charged from the factory, we recommend that you fully charge it before the first use.

To recharge with the AC Charging Adaptor:

Plug one end of the AC charging adaptor into the Charging Port on the Jumpstart System. Plug the other end into any standard wall outlet. The red charging LED indicator light will illuminate to show that the unit is charging.

Do not overcharge. Overcharging may cause damage to or shorten the life of the battery. Press the LED battery level indicator button. If all three LED indicator lights illuminate, the Jumpstart System should be charged for up to 2 hours. Although the Green LED light may illuminate after approximately 1 hour of charging, the Jumpstart System may not have sufficient power to jumpstart a vehicle. We recommend charging the jumpstart for a total of 2 hours to obtain optimal performance. If only two LED indicator lights illuminate, the Jumpstart System should be charged for 3-5 hours. Although the Green LED light may illuminate after approximately 2 hours of charging, the Jumpstart System may not have sufficient power to jumpstart a vehicle. We recommend charging the jumpstart for a total of 3-5 hours to obtain optimal performance. If none of the LED charging indicator lights illuminate, it is highly recommended that the Jumpstart System be charged for 24 to 36 hours. DO NOT CONTINUOUSLY CHARGE THE BATTERY FOR MORE THAN 36 HOURS.

To recharge with the DC Charging Cord:

Charging through the12-volt power port in your vehicle is an alternative charging method. The amount of charging current from a 12-volt power port may vary by vehicle manufacturer. This may result in an overcharge of the battery. Therefore this method is recommended for emergencies or for a quick charge only. This method should not be used for long-term charging.

Plug one end of the DC charging cord into the charging port of the Jumpstart System. Plug the other end into your 12-volt power port. The red Charging LED Indicator will illuminate to show that the unit is charging. Charge the Jumpstart System for no longer than 2 hours.

Note: The red LED indicator light will remain on as long as the Jumpstart System is plugged into a power source.

Some vehicle's cigarette lighters and 12-volt power ports do not operate unless the ignition switch is in the "accessory" or "on" position.

Use ONLY the power cords that were provided with the Jumpstart System when charging, otherwise damage to the unit may result.

Jumpstarting a Vehicle

If your battery is too weak to start your vehicle, you can use the Jumpstart System. Make sure that the vehicle's accessories are all turned off (lights, AC, heater, radio, etc.) prior to using the Jumpstart System. For maximum power, make sure there are no 12-volt accessories connected to the Jumpstart System and that the worklight is turned off.

For Model PMJ8960

First, make sure the Booster Cable ON/OFF switch is in the "OFF" position. Securely connect the red positive (+) booster clamp to the corresponding positive (+) terminal of your vehicle's battery. Then securely connect the black negative (-) booster clamp to a grounding point such as the metal of the vehicle frame, as far away from the battery as possible. DO NOT connect it to the negative battery terminal.

If the reverse polarity indicator light turns red and an alarm sounds, you have not connected the clamps correctly to the vehicle. Immediately disconnect the clamps and reconnect correctly as described above. If the reverse polarity indicator light turns green, you have made the correct connection. Turn the "ON/OFF" switch 90 degrees clockwise to the "ON" position and the Jumpstart System will start to work.

Note: To avoid a spark, please make sure the ON/OFF switch is on the "OFF" position before connecting the Booster clamps.

For Models PMJ8960-T and PMJ8960-L

Securely connect the red positive (+) booster clamp to the corresponding positive (+) terminal of your vehicle's battery. Then securely connect the black negative (-) booster clamp to a grounding point such as the metal of the vehicle frame, as far away from the battery as possible. DO NOT connect it to the negative battery terminal. Try to start your vehicle. Once the vehicle has started, disconnect the black negative clamp first and then the red positive clamp. This must be done in order to avoid damage to the battery.

Reverse Polarity Indicator (for Model PMJ8960 only)

Turn the Booster Cable ON/OFF switch to the "OFF" position. The Polarity Protection LED indicator will illuminate GREEN if the polarity is correct, otherwise it will illuminate RED and sound an alarm to indicate the clamps are reversed. If the polarity is incorrect, disconnect and then reconnect the clamps properly (see "Jumpstarting a Vehicle"). If the connections are correct, try to start your vehicle. Once the vehicle has started, disconnect the black negative clamp first and then the red positive clamp. This must be done in order to avoid damage to the battery.

Note: If your vehicle does not start after 3 repeated attempts, allow the Jumpstart System to cool for approximately 3 minutes before attempting to start the vehicle again.

If your vehicle has a battery that is completely dead or below 1.2-volts, the reverse polarity function will not work. The PMJ8960 Jumpstart System will bypass the reverse polarity function and send power directly to the booster clamps regardless of the connections. Please be sure to properly hookup the clamps to prevent damage to the battery.

What is Reverse Polarity and how does the Reverse Polarity Indicator work?

Reverse polarity occurs when you incorrectly connect your jumpstart cables to your battery. If you connect the red (positive) cable to the black (negative) terminal of the battery and/or the black (negative) cable to the red (positive) terminal of the battery, then you have created a reverse polarity connection. Reverse polarity hookups can result in a damaged battery, explosion, and/or bodily injury.

The COLEMAN® POWERMATE® Model PMJ8960 Jumpstart System is designed to protect you from the hazards of a reverse polarity connection.

ON/OFF Power Switch (for Model PMJ8960 only)

The PMJ8960 features an ON/OFF switch that prevents unintentional use of the jumper cables. To turn the cables ON, twist the Booster Cable ON/OFF Switch located on the side of the unit to the "ON" position (I). Twist this switch to the "OFF" position (O) to turn the booster cables OFF. It is recommended to store the Jumpstart System with the Cable ON/OFF Switch in the OFF position.

Replacing Your Vehicle Battery

When you replace your vehicle's battery, as soon as it is disconnected you usually lose all programmed settings for your car alarm, radio, clock, seats and mirrors, etc. Before disconnecting your battery, plug the 12-volt DC Cord into the Jumpstart System and then into your vehicle's cigarette lighter socket. The battery power of the Jumpstart System will prevent you from losing all of your settings.

Power for Your 12-Volt Accessories

The 12-volt power ports will operate most 12-volt accessories with a draw of 10 amps or less. (Check the accessory for the rated amperage.)

Note: If you connect a dc/ac power inverter (such as a COLEMAN® POWERMATE® PMP200) to the 12-volt power port in order to operate an AC powered accessory, run time may be reduced due to the design parameters of the inverter. Typically, power inverters will shut off when input voltage is below 10 - 10.5 volts. So even though there is reserve capacity in the jumpstart battery, the inverter may shut down as voltage drops below approximately 10.5 volts.

Worklight

The Jumpstart System is equipped with one 4-watt fluorescent worklight.

The worklight operates by pushing the button on the front of the unit. Press the switch once to turn the light "ON", press it again to turn the light "OFF."

Fluorescent light bulbs can become loose due to vibration during shipping. Should the light not turn on, simply remove worklight cover and check for proper placement of the bulb. When finished, replace the worklight cover.

Successfully using a Jumpstart System

Jumpstart systems, in general, are designed to provide emergency battery power to jumpstart a vehicle with a low battery. They are not designed to provide long-term battery backup nor are they designed to operate high amperage equipment or components for extended periods of time.

Depending on your vehicle's condition and power requirements, any jumpstart may or may not provide adequate voltage to successfully start your vehicle. Just as your vehicle's battery provides a certain amount of reserve capacity, a Jumpstart System has similar limitations. It is possible that a jumpstart's internal battery may be depleted before you can start your engine. The ambient temperature can affect the performance of the Jumpstart System. A battery at zero degrees has less reserve capacity than a battery at sixty degrees. This condition applies to both a Jumpstart System and your vehicle's battery.

In the event that your vehicle fails to start after repeated attempts, additional servicing or tune up may be required. Consult your dealership or local servicing professional for advice.

Technical Specifications:

Battery (built-in):	Sealed lead acid rechargeable battery
DC Output:	12 Volt
Worklight:	4 watt Fluorescent Bulb
Peak Amps:	500 Amps
Cold Cranking Amps:	250 Amps

Questions?

If you have any questions about this product, please contact our Customer Service Department at (888) 231-4022, Monday through Friday, 9 AM to 5 PM EST or visit our website at www.teamproducts.com.