

[Manuals.plus](#) /

› [Clore Automotive](#) /

› Clore Automotive Jump-N-Carry JNC660 Jump Starter User Manual

Clore Automotive JNC660

Clore Automotive Jump-N-Carry JNC660 User Manual

Model: JNC660 | Brand: Clore Automotive

1. INTRODUCTION

The Clore Automotive Jump-N-Carry JNC660 is a powerful and portable 12-volt jump starter designed to provide reliable starting power for a wide range of vehicles. Featuring 1700 peak amps and a 22Ah Clore PROFORMER battery, this unit is built for demanding conditions, including extremely cold weather and multiple jump starts. Its robust design and heavy-duty cables ensure dependable performance when you need it most.



Figure 1: Front view of the Clore Automotive Jump-N-Carry JNC660 Jump Starter, showing the voltmeter, charging status lights, and cable storage.

2. SAFETY INFORMATION

Always prioritize safety when operating the JNC660 jump starter. Failure to follow these guidelines can result in serious injury or damage to the unit or vehicle.

- Wear appropriate personal protective equipment, including safety glasses and gloves, when working with batteries.
- Ensure adequate ventilation in the work area to prevent the accumulation of explosive gases.
- Do not smoke or allow sparks or flames near the battery or jump starter.

- Keep the jump starter away from water, oil, and other liquids.
- Never attempt to jump start a frozen battery.
- Ensure vehicle ignition is off and all accessories are turned off before connecting the jump starter.
- Connect the positive (red) clamp to the positive (+) battery terminal first, then the negative (black) clamp to a clean, unpainted metal part of the vehicle's chassis or engine block, away from the battery.
- Disconnect the negative (black) clamp first, then the positive (red) clamp after the vehicle has started.
- Do not short-circuit the clamps.

3. WHAT'S IN THE BOX

Upon unpacking your Clore Automotive Jump-N-Carry JNC660, verify that all components are present:

- JNC660 12V Jump Starter Unit
- 12V Male-to-Male Charging Cable

Note: An AC extension cord (not included) is required for charging the unit via a standard wall outlet.

4. SETUP AND INITIAL CHARGING

Before first use, the JNC660 must be fully charged. This ensures optimal performance and extends battery life.

1. Locate the 2-prong male input on the JNC660 unit.
2. Connect a standard household extension cord (not included) to this input.
3. Plug the other end of the extension cord into a standard 120V AC wall outlet.
4. The "CHARGED" light on the unit will illuminate when charging is complete. The unit can be left plugged in for continuous maintenance charging.
5. Alternatively, use the provided 12V Male-to-Male Charging Cable to charge the unit from a vehicle's 12V accessory outlet. Do not leave the unit charging via the 12V accessory outlet once it is full (approximately 5 hours from empty).



Figure 2: The JNC660 unit positioned in a vehicle's engine bay, ready for use or charging.

5. OPERATING INSTRUCTIONS

Follow these steps to jump start a vehicle using your JNC660:

1. Ensure the JNC660 is fully charged. Check the DC Volts gauge for battery status.
2. Turn off the ignition of the vehicle to be jump started and ensure all accessories (lights, radio, etc.) are off.
3. Connect the **positive (red) clamp** to the **positive (+) terminal** of the vehicle's discharged battery. Ensure a secure connection.
4. Connect the **negative (black) clamp** to a clean, unpainted metal part of the vehicle's chassis or engine block, away from the battery and any moving parts. This provides a safe ground connection.
5. Attempt to start the vehicle. If the vehicle does not start immediately, wait a few minutes before trying again to allow the jump starter to transfer more charge.
6. Once the vehicle starts, disconnect the **negative (black) clamp** from the vehicle's chassis/engine block first.
7. Then, disconnect the **positive (red) clamp** from the vehicle's battery terminal.
8. Immediately recharge the JNC660 after each use to maintain its readiness.

Alternative Connection (Use with Caution): In some cases, if the standard grounding method does not work, you may connect the negative (black) clamp directly to the negative (-) terminal of the vehicle's battery. This method carries a slightly higher risk of sparking and should only be used if the primary method is unsuccessful.



Figure 3: The JNC660 connected to a vehicle's battery terminals, demonstrating proper clamp placement.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliability of your JNC660 jump starter.

- **Regular Recharging:** The JNC660 should be recharged after every use. For optimal battery health, it is recommended to keep the unit plugged into an AC outlet when not in use, as the built-in automatic charger will maintain a full charge without overcharging.
- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Cleaning:** Keep the unit and its clamps clean and free of dirt, grease, and corrosion. Use a dry cloth for cleaning.
- **Cable Inspection:** Periodically inspect the cables and clamps for any signs of damage, fraying, or corrosion. Replace if necessary.

7. TROUBLESHOOTING

If you encounter issues with your JNC660, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on or charge.	Unit is completely discharged; charging cable not connected properly; faulty outlet.	Ensure charging cable is securely connected to both the unit and a working AC outlet. Allow several hours for initial charge. If using 12V charging, ensure vehicle's accessory outlet is active.
Vehicle does not start after connecting.	Improper clamp connection; vehicle battery severely discharged; vehicle issue unrelated to battery.	Verify clamps are securely attached to the correct terminals/ground point. Ensure the JNC660 is fully charged. If the vehicle still doesn't start, consult a professional mechanic as the issue may not be battery-related.
Unit loses charge quickly.	Infrequent recharging; internal battery degradation.	Ensure the unit is recharged immediately after each use and kept on continuous charge when not in use. If the issue persists, the internal battery may need replacement.

8. SPECIFICATIONS

- **Model:** JNC660
- **Peak Amps:** 1700 Amps
- **Cranking Amps:** 425 Amps
- **Battery Type:** 22Ah Clore PROFORMER Battery
- **Cable Length:** 46 inches
- **Cable Gauge:** #2 AWG Heavy-Duty
- **Output:** 12 Volt DC
- **Dimensions (DxWxH):** 5.1"D x 14.1"W x 16.3"H
- **Weight:** 18 Pounds
- **Manufacturer:** Clore Automotive
- **UPC:** 010271025350
- **Country of Origin:** Vietnam



Figure 4: Dimensions of the JNC660 unit, showing its compact and portable design.

9. WARRANTY AND SUPPORT

Clore Automotive stands behind the quality of its products. For warranty claims, technical support, or service inquiries regarding your JNC660 jump starter, please contact Clore Automotive directly. While specific warranty terms may vary, the manufacturer typically offers support for repairs. Some users have reported receiving coupons for repair and shipping costs, indicating a commitment to customer satisfaction.

For the most current warranty information and support options, please visit the official Clore Automotive website or refer to the documentation included with your purchase.

Clore Automotive Contact Information:

Website: www.cloreautomotive.com

Amazon Store: [Clore Automotive Amazon Store](#)

