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› [509 12 Volt Charger for Ignite Batteries \(Model F02005200-000-000\) User Manual](#)

509 F02005200-000-000

509 12 Volt Charger for Ignite Batteries

Model: F02005200-000-000

INTRODUCTION

Thank you for choosing the 509 12 Volt Charger for Ignite Batteries. This manual provides detailed instructions for the safe and efficient use of your new charger. Please read this manual thoroughly before operation and retain it for future reference.



This image displays the 509 12 Volt Charger for Ignite Batteries. It features a black car cigarette lighter plug on one end, connected to a compact black charging unit with the '509 IGNITE' logo. A black cable extends from the charging unit, terminating in a small barrel connector, designed to plug into compatible Ignite batteries.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Use this charger only with compatible 509 Ignite Batteries. Using it with incompatible batteries may cause damage or injury.
- Do not expose the charger to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to severe impact.
- Do not attempt to disassemble or modify the charger. Refer all servicing to qualified personnel.
- Ensure the vehicle's 12V power outlet is clean and free of debris before inserting the charger.
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 509 12 Volt Charger for Ignite Batteries

SETUP

Follow these steps to set up your charger:

1. Locate a functional 12V accessory power outlet (cigarette lighter socket) in your vehicle.
2. Insert the car adapter end of the 509 12 Volt Charger firmly into the vehicle's 12V power outlet.
3. Connect the small barrel connector from the charger cable into the charging port of your 509 Ignite Battery.
Ensure a secure connection.

OPERATING INSTRUCTIONS

Once connected, the charger will begin to supply power to the Ignite Battery. The charging process is automatic. There is no external indicator light on this specific charger model to show charging status. It is designed to provide a steady 12V output to compatible Ignite batteries.

- Ensure the vehicle's engine is running or the accessory power outlet is active to provide power to the charger.
- Monitor the battery's charge level as indicated by the battery itself, if applicable.
- Disconnect the charger from the battery and the vehicle's power outlet once charging is complete or when the battery is not in use.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your charger:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

- **Inspection:** Periodically inspect the cable and connectors for any signs of damage, fraying, or corrosion. Do not use if damaged.

TROUBLESHOOTING

If you encounter issues with your 509 12 Volt Charger, refer to the following table:

Problem	Possible Cause	Solution
Charger not providing power.	Vehicle's 12V outlet is not active or faulty.	Ensure vehicle engine is running or accessory power is on. Test the outlet with another device.
Battery not charging.	Loose connection or incompatible battery.	Verify all connections are secure. Confirm the battery is a 509 Ignite Battery.
Charger feels excessively hot.	Overload or internal fault.	Immediately disconnect the charger. Do not use if it overheats. Contact customer support.

SPECIFICATIONS

Detailed technical specifications for the 509 12 Volt Charger:

Feature	Specification
Brand	509
Model Number	F02005200-000-000
Product Dimensions	7 x 7 x 7 inches
Item Weight	2.53 ounces
Color	Black
Material	Plastic
Connector Type	2-Pin
Compatible Devices	Ignite Batteries
Input Voltage	240 Volts (Note: This refers to the charger's internal component rating; actual input is 12V from vehicle)
Output Voltage	12 Volts
Wattage	12 watts

Feature	Specification
Included Components	Charger

WARRANTY AND SUPPORT

This product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms, please refer to the documentation provided at the time of purchase or visit the official 509 website. For technical support or service inquiries, please contact 509 customer service through their official channels.

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