Interstate Batteries MT-35

Interstate Batteries MT-35 Group 35 Automotive Battery Instruction Manual

Model: MT-35

1. Introduction

This manual provides essential information for the safe and effective use of your Interstate Batteries MT-35 Group 35 automotive battery. Designed for reliable starting power and performance in hot to moderate climates, this 12V, 550 CCA battery is suitable for a wide range of vehicles including cars, trucks, SUVs, and minivans. Please read all instructions carefully before installation and operation.



Image 1: Front view of the Interstate Batteries MT-35 Group 35 Automotive Battery.

2. Safety Information

Automotive batteries contain sulfuric acid, which is corrosive, and produce explosive gases. Always follow these safety precautions:

- Wear appropriate personal protective equipment, including safety glasses and gloves, when handling batteries.
- Ensure adequate ventilation to prevent the accumulation of explosive gases.
- Keep sparks, flames, and smoking materials away from the battery.
- Avoid contact with battery acid. In case of contact, flush immediately with water and seek medical help.
- Do not short-circuit battery terminals.
- Keep out of reach of children.

3. Setup and Installation

Proper installation is crucial for battery performance and safety. If you are unsure about any step, consult a qualified technician.

3.1 Tools Required

- Wrench (appropriate size for terminal bolts)

- Battery terminal cleaner/brush
- Safety glasses and gloves
- Baking soda and water solution (for cleaning corrosion)

3.2 Removal of Old Battery

1. Turn off the vehicle and remove the ignition key.
2. Locate the battery.
3. Using a wrench, disconnect the **negative (-) terminal first** (usually black cable). Loosen the nut and remove the cable, ensuring it does not touch any metal parts of the vehicle.
4. Next, disconnect the **positive (+) terminal** (usually red cable). Loosen the nut and remove the cable.
5. Remove any battery hold-down clamps or straps.
6. Carefully lift and remove the old battery from the vehicle. Batteries are heavy; use proper lifting techniques or seek assistance.

3.3 Installation of New Battery

1. Clean the battery tray and terminal clamps thoroughly with a wire brush and baking soda solution if corrosion is present. Rinse with water and dry completely.
2. Place the new Interstate MT-35 battery securely in the battery tray.
3. Secure the battery with the hold-down clamps or straps.
4. Connect the **positive (+) terminal first**. Attach the red cable to the positive terminal and tighten the nut firmly.
5. Connect the **negative (-) terminal next**. Attach the black cable to the negative terminal and tighten the nut firmly.
6. Apply a thin coat of anti-corrosion grease to the terminals to prevent future corrosion.



Image 2: Angled view of the Interstate Batteries MT-35, showing the positive and negative terminals.

4. Operating Instructions

The Interstate MT-35 battery is designed to provide reliable starting power and support your vehicle's electrical system. Once properly installed, it will automatically charge via your vehicle's alternator during operation.

4.1 Cold Cranking Amps (CCA)

With 550 CCA, this battery delivers strong starting power, especially important in colder temperatures. CCA indicates the battery's ability to start an engine in cold conditions.

4.2 Reserve Capacity (RC)

The battery offers 100 minutes of reserve capacity, meaning it can deliver a minimum of 25 amps for 100 minutes at 80°F (27°C) without falling below 10.5 volts. This is a measure of the battery's ability to power essential accessories if the alternator fails.

5. Maintenance

The Interstate MT-35 is a maintenance-free battery, meaning it does not require periodic water additions. However, regular checks can help prolong its lifespan and ensure optimal performance.

- **Terminal Inspection:** Periodically check battery terminals for corrosion and ensure connections are tight. Clean any corrosion immediately.
- **Battery Case:** Keep the battery case clean and dry. Dirt and grime can lead to current leakage.
- **Charging:** If the vehicle is stored for extended periods or experiences frequent short trips, consider using a compatible automotive battery charger to maintain a full charge. The battery is rechargeable.
- **Recycling:** When the battery reaches the end of its life, please return it to an Interstate All Battery Center for proper recycling. This helps protect the environment.



Image 3: Interstate Batteries Green Standard logo, emphasizing commitment to recycling.

6. Troubleshooting

If you experience issues with your vehicle's starting power, consider the following common troubleshooting steps:

- **Slow Cranking or No Start:** Check battery terminal connections for tightness and corrosion. Ensure the battery is fully charged. A weak battery may require jump-starting or recharging.
- **Lights Dim:** This often indicates a low battery charge. Check the battery voltage with a multimeter. A healthy 12V battery should read between 12.6V and 12.8V when fully charged and at rest.
- **Corrosion on Terminals:** Clean terminals using a battery terminal brush and a baking soda/water solution. Apply anti-corrosion grease after cleaning.
- **Battery Warning Light:** If your vehicle's battery warning light illuminates, it may indicate an issue with the charging system (alternator) or the battery itself. Have your vehicle's electrical system inspected by a professional.

7. Specifications

Brand	Interstate Batteries
Model Number	MT-35
Group Size	35
Voltage	12 Volts
Cold Cranking Amps (CCA)	550
Reserve Capacity (RC)	100 minutes
Battery Cell Composition	Lead Acid
Number of Cells	6
Terminal Type	Top Post

Item Weight	35.7 pounds
Product Dimensions	9.38 x 6.81 x 9 inches
Special Features	Rechargeable

8. Product Videos

Interstate Batteries - Outrageously Dependable

Your browser does not support the video tag.

Video 1: An official video from Interstate Batteries highlighting their commitment to dependability and quality.

Battery Testing Lab

Your browser does not support the video tag.

Video 2: A video showcasing the Interstate Batteries testing lab and their rigorous quality assurance processes.

9. Warranty and Support

9.1 Warranty Information

The Interstate Batteries MT-35 Group 35 automotive battery comes with a **24-month warranty**. Please retain your proof of purchase for any warranty claims. For detailed warranty terms and conditions, refer to the official Interstate Batteries website or contact customer service.

9.2 Core Deposit

The purchase price of this battery includes a refundable core deposit. To receive your deposit back, please return your used battery (core) to an authorized Interstate All Battery Center.

9.3 Customer Support

For further assistance, technical support, or to locate an Interstate All Battery Center, please visit the official Interstate Batteries website or contact their customer service.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question