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› Yoursme Battery Cable Kit User Manual

Yoursme YSM-790A

Yoursme Battery Cable Kit User Manual

Model: YSM-790A

For Dodge RAM Truck Gen 3 2003-2007 5.9L 24 valve Cummins Diesel

1. PRODUCT OVERVIEW

The Yoursme Battery Cable Kit is designed as a direct replacement and upgrade for the factory battery cables in Dodge RAM Truck Gen 3 models from 2003 to 2007, specifically those equipped with the 5.9L 24-valve Cummins Diesel engine. This comprehensive set aims to replace worn or corroded original cables, enhancing the vehicle's electrical system for improved power delivery and resolving common issues such as poor starting performance or charging problems.

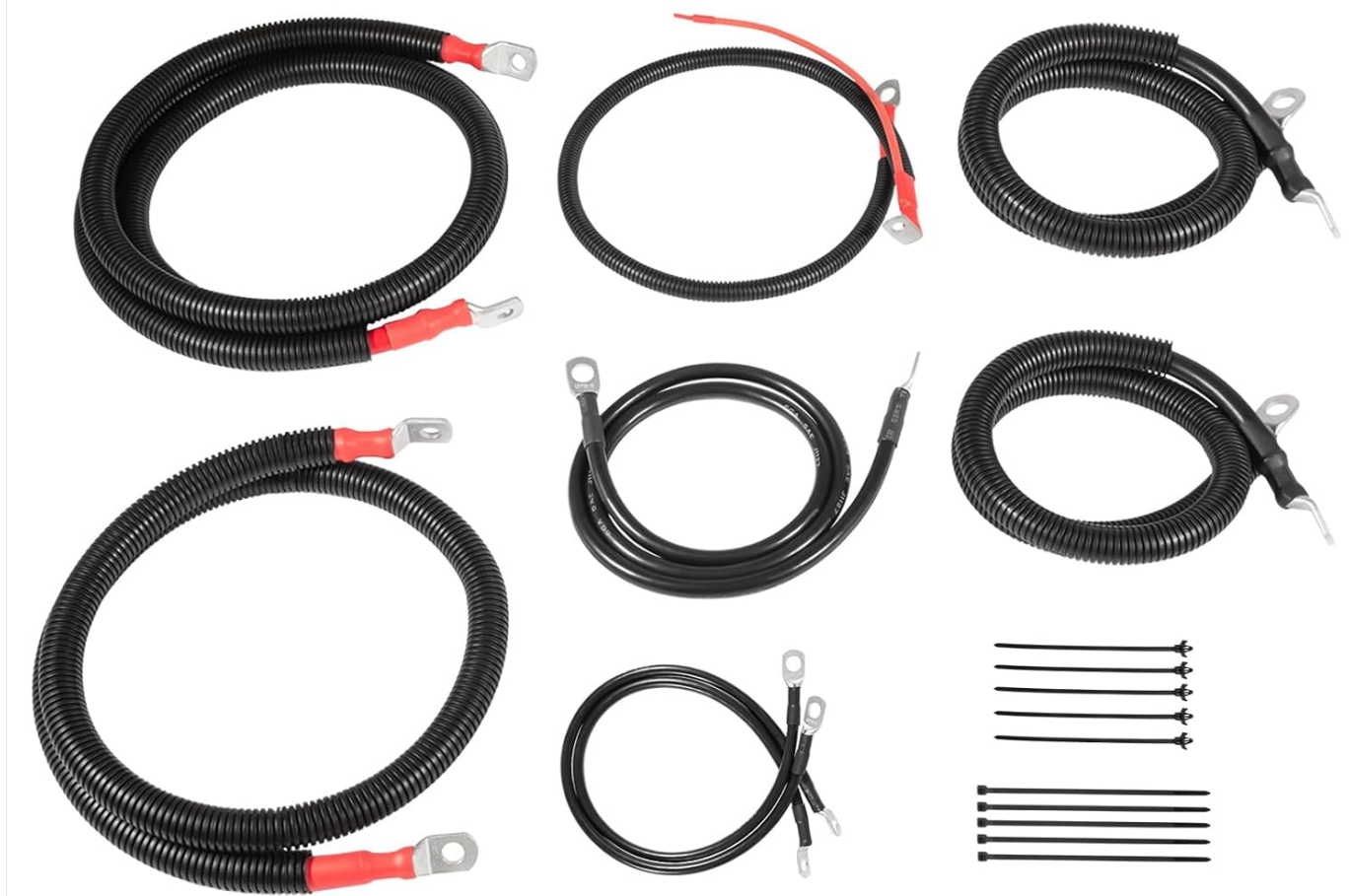


Image 1.1: Overview of the Yoursme Battery Cable Kit components, including various lengths and gauges of cables with terminal ends and protective sheathing.

2. PACKAGE CONTENTS

The Yoursme Battery Cable Kit includes a complete set of cables necessary for upgrading your vehicle's battery and grounding system. While specific cable counts may vary slightly, a typical kit contains:

- Heavy 2/0 gauge battery-to-starter wire for enhanced cranking power.
- Heavy 2/0 gauge battery-to-battery wires for improved conductivity between batteries.
- Heavy 2/0 gauge battery-to-engine negative wires for superior grounding.
- Additional smaller gauge wires for various connections within the electrical system.
- Cable ties for organized installation.



Complete Battery Cables Set

Heavy 2/0 battery to starter wire for easier cranking.
Heavy 2/0 battery-to-battery wire for improved conductivity.
Heavy 2/0 battery-to-engine negative wires for improved grounding.

Image 2.1: A visual representation of the complete battery cable set, highlighting the various cable types and their robust construction.

3. COMPATIBILITY AND FITMENT

This battery cable kit is specifically designed for:

- **Vehicle Model:** Dodge RAM Truck Gen 3
- **Model Years:** 2003-2007

- **Engine Type:** 5.9L 24-valve Cummins Diesel Engine
- **Starter Lug Type:** Straight starter lug (Note: Some late 2007 models may require a 90-degree starter lug. Please verify your vehicle's starter lug type before ordering.)

Battery Cables

Compatible/Replacement Kit

for 2003-2007 5.9L Cummins



Model

Dodge RAM Truck Gen 3

Years

2003-2007

Engine

5.9L 24 valve Cummins Diesel

Starter Lug Type

Straight



Image 3.1: Graphic illustrating the compatible vehicle model and years, emphasizing the 5.9L Cummins Diesel engine requirement.



Image 3.2: A red Dodge RAM truck, representative of the compatible vehicle type.

4. KEY FEATURES AND QUALITY

The Yoursme Battery Cable Kit is manufactured with high-quality materials and processes to ensure durability and optimal electrical performance:

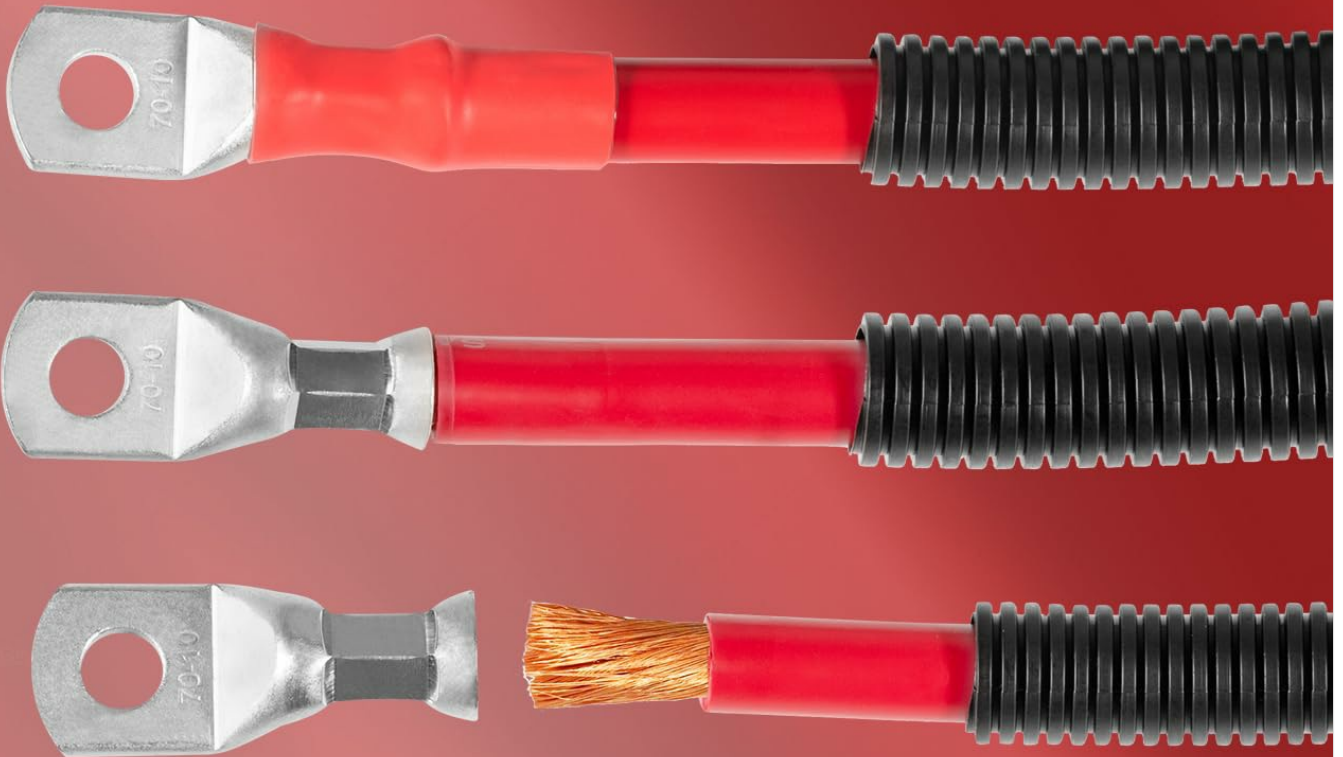
- **Material:** Constructed from 100% pure copper wire, ensuring excellent conductivity and a long lifespan.
- **Gauge:** Utilizes 2/0 ("two-aught") gauge cable for critical connections such as the starter and engine block grounds, providing robust power delivery.
- **Terminals:** Features tin-plated copper terminals for superior corrosion resistance and conductivity.
- **Crimping:** Terminals are crimped using a 12-ton hydraulic crimping machine, ensuring secure and reliable connections.
- **Sealing:** Connections are sealed with adhesive-lined heat shrink tubing to prevent corrosion from battery acid fumes and environmental elements.
- **Anti-Corrosion:** The cables are designed to effectively prevent corrosion, contributing to consistent performance and longevity.

Excellent Quality

Battery Cables Replacement Kit

100% COPPER WIRE

ensure an unparalleled long lifespan



12 tons hydraulic crimp terminal and
seal the connection with adhesive lined heat shrink.

Durable / Corrosion-Resistant / Abrasion Resistant / Aging Resistance

Image 4.1: Detailed view of the 100% copper wire construction and the securely crimped, heat-shrink sealed terminals, demonstrating the product's quality.

Upgrade Truck Power

replaces your worn or corroded factory cables

solve problems with Charging or Poor Starting Performance.

ANTI-CORROSION cable

Effectively prevents corrosion from
battery acid fumes

comes with anti-corrosion battery
washers



Image 4.2: Image showing the robust, anti-corrosion sheathing of the cables, designed to protect against battery acid fumes.

5. INSTALLATION AND SETUP

Installation of the Yoursme Battery Cable Kit involves replacing the existing factory battery cables. Due to the critical nature of vehicle electrical systems, it is recommended that installation be performed by individuals with appropriate mechanical knowledge and experience. Always disconnect the negative battery terminal first when working on electrical systems.

General Installation Steps:

1. **Safety First:** Ensure the vehicle is turned off and the ignition key is removed. Disconnect the negative battery terminals from both batteries (if applicable) first, followed by the positive terminals.
2. **Identify Cables:** Carefully identify and label each existing cable before removal to ensure correct routing and connection of the new cables.
3. **Remove Old Cables:** Disconnect and remove the old battery cables, noting their routing paths.
4. **Install New Cables:** Route the new Yoursme cables along the same paths as the old ones. Connect the new cables, ensuring all connections are clean, tight, and secure. Pay close attention to the specific connections for the starter, engine block grounds, and battery-to-battery links.
5. **Connect Batteries:** Reconnect the positive battery terminals first, then the negative battery terminals.
6. **Verify:** Double-check all connections for tightness and proper routing before starting the vehicle.

Note: Refer to your vehicle's service manual for specific torque specifications for battery terminals and other electrical connections.



Image 5.1: Example of battery cable connections within an engine bay, illustrating the type of connections involved in the installation process.

6. MAINTENANCE

Proper maintenance of your battery cables ensures long-term performance and reliability:

- **Regular Inspection:** Periodically inspect all cable connections for signs of corrosion, looseness, or damage.
- **Clean Terminals:** If corrosion is present, carefully disconnect the battery (negative first) and clean the terminals and cable ends with a wire brush and a baking soda solution. Rinse with water and dry thoroughly before reconnecting.

- **Apply Anti-Corrosion Grease:** After cleaning and reconnecting, apply a thin layer of anti-corrosion grease or battery terminal protector to the terminals to prevent future corrosion.
- **Secure Cables:** Ensure all cables are properly secured and routed away from hot engine components or moving parts to prevent abrasion or heat damage.

7. TROUBLESHOOTING

If you experience electrical issues after installing the new battery cables, consider the following troubleshooting steps:

- **Poor Starting Performance:**
 - Check all battery cable connections for tightness. Loose connections can cause voltage drops.
 - Ensure batteries are fully charged and in good condition.
 - Verify that the starter motor is functioning correctly.
- **Charging Problems:**
 - Inspect the alternator output.
 - Check the main positive cable from the alternator to the battery for continuity and secure connections.
 - Ensure all ground connections are clean and secure.
- **Corrosion Reappearance:**
 - Re-clean terminals thoroughly.
 - Ensure proper application of anti-corrosion grease.
 - Check for battery leaks or cracks that might be causing excessive acid fumes.

If problems persist, it is advisable to consult a certified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Brand	Yoursme
Model Number	YSM-790A
Material	Copper
Cable Gauge	Primarily 2/0 ("two-aught")
Connector Type	Straight Starter Lug
Package Dimensions	9.45 x 9.25 x 7.87 inches
Item Weight	11.35 Pounds

Feature	Detail
Recommended Use	Upgrading or replacing electrical cables in Dodge RAM trucks (2003-2007, 5.9L Cummins Diesel)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support for your Yoursme Battery Cable Kit, please refer to the purchase documentation or contact Yoursme customer service directly. Contact details can typically be found on the manufacturer's official website or through the retailer where the product was purchased.

Manufacturer: Yoursme

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This manual is for informational purposes only. Yoursme is not responsible for any damage or injury resulting from improper installation or use of this product.

ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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