

CURT 56467

CURT Custom Wiring Harness User Manual

Model: 56467
For Mitsubishi Outlander

PRODUCT OVERVIEW

The CURT Custom Wiring Harness, Model 56467, is designed to provide a reliable electrical connection for towing applications on specific Mitsubishi Outlander vehicles. This product is engineered for a custom fit, ensuring seamless integration with your vehicle's existing wiring system.

Key features include:

- **Quality parts:** Constructed with durable components for long-lasting performance.
- **Easy usage:** Designed for straightforward operation.
- **Made from quality materials:** Ensures reliability and safety.
- **Easy to install:** Engineered for a simplified installation process.

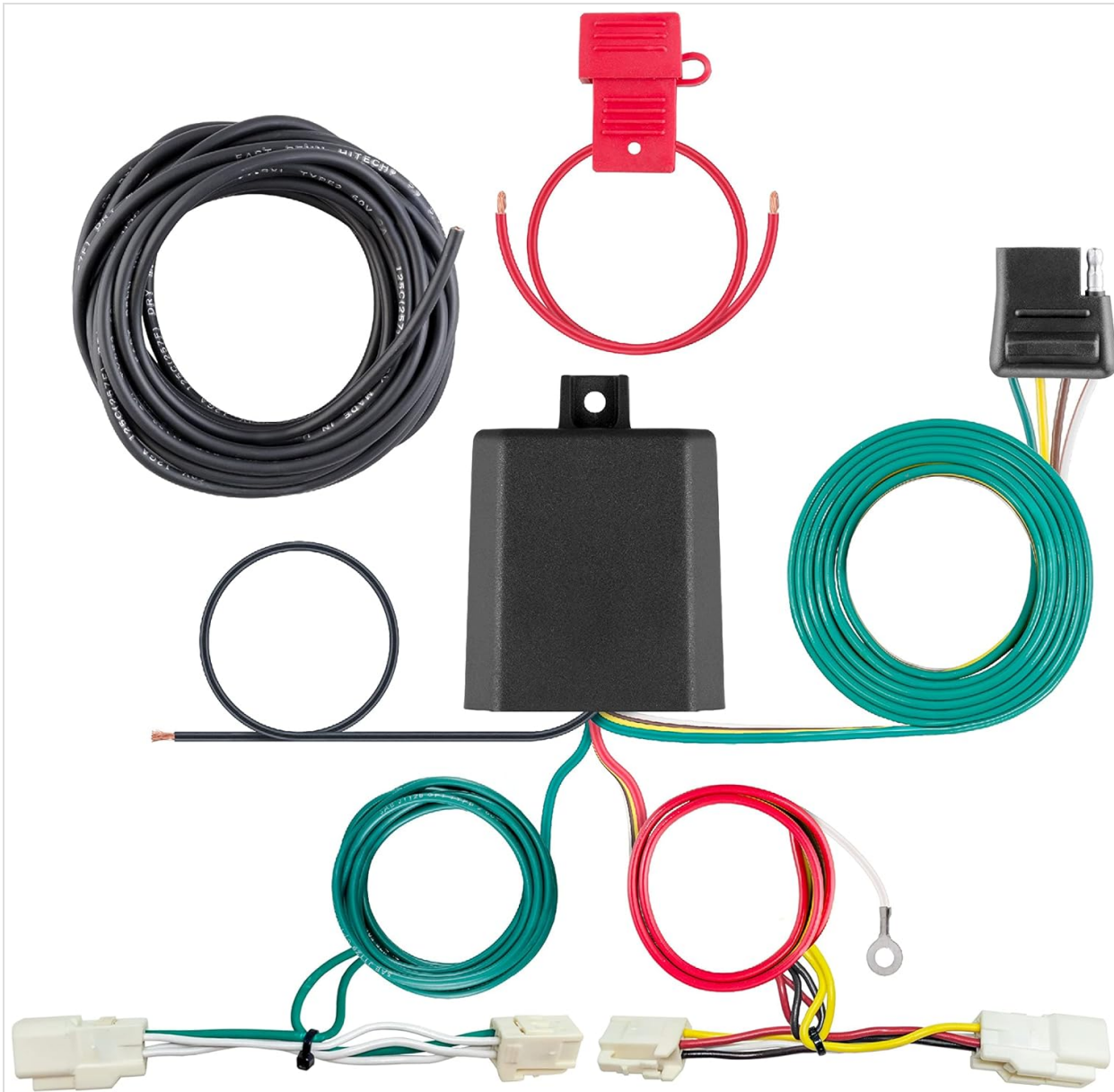


Image: Overview of the CURT Custom Wiring Harness components, including the main module, various wires, connectors, fuse holder, and zip ties.

WHAT'S IN THE BOX

Your CURT Custom Wiring Harness package includes the following items:

- Aries Automotive 56467: T-Conn, Mitsubishi Outlander (Main Wiring Harness Module)
- Associated wiring and connectors
- Fuse holder and fuse
- Mounting hardware (e.g., zip ties, screw)

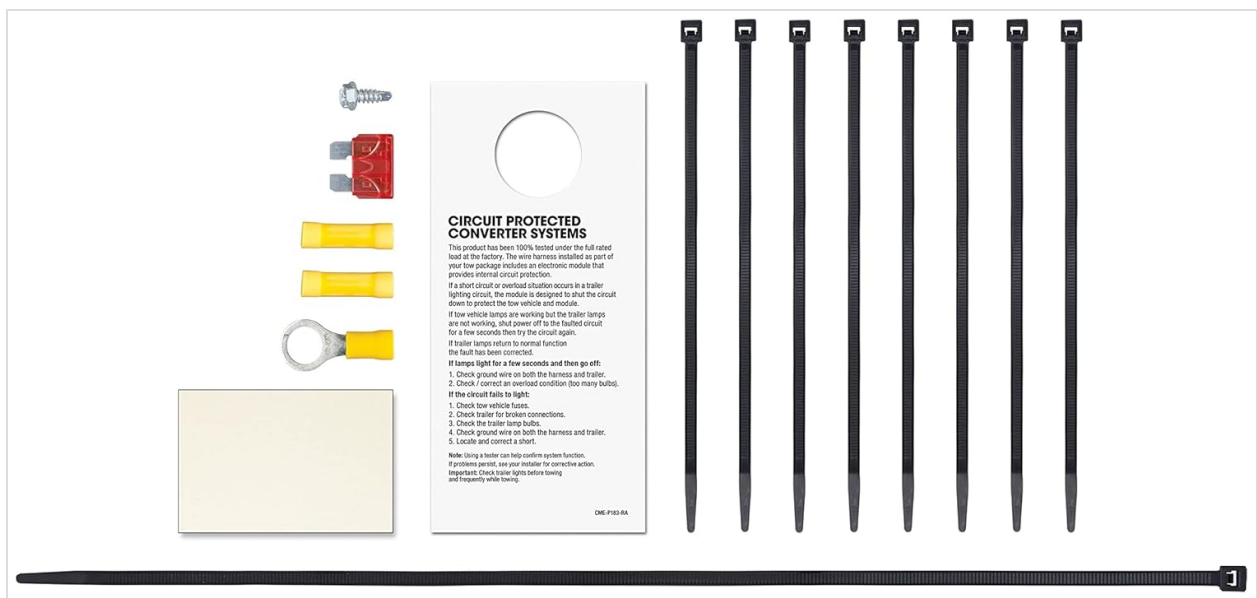


Image: Detailed view of the kit contents, including the fuse, terminals, zip ties, and a circuit protection information card.

SETUP AND INSTALLATION

This wiring harness is designed for a vehicle-specific fit. While general steps are provided, always refer to the detailed instructions included with your product for precise vehicle-specific guidance. Professional installation is recommended if you are unfamiliar with automotive electrical systems.

General Installation Steps:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the battery is disconnected before beginning installation. Access the rear taillight assemblies.
2. **Locate Connection Points:** The harness typically connects behind the vehicle's taillights. You may need to remove taillight assemblies to access the wiring.
3. **Connect the Harness:** Plug the custom connectors from the harness into the vehicle's existing taillight wiring sockets. These are designed for a plug-and-play fit.

FEATURES & BENEFITS

Representative Image

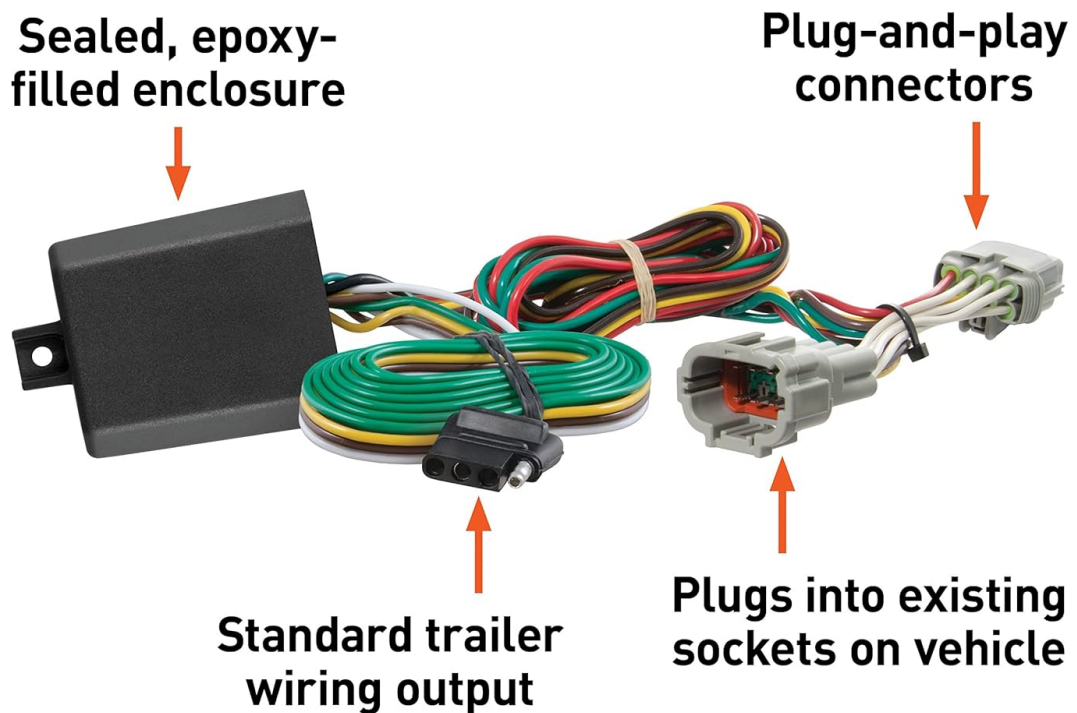


Image: Illustrates the sealed, epoxy-filled enclosure, plug-and-play connectors, and standard trailer wiring output.

- 4. Route Wiring:** Carefully route the wiring from the harness module to the desired location for the 4-way flat connector, typically near the trailer hitch. Ensure wiring is secured away from hot or moving parts using the provided zip ties.

PLUG OUTPUT

4-Way Flat Vehicle End

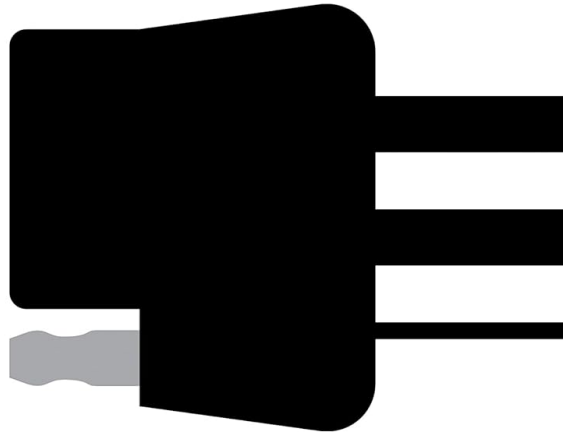


Image: Close-up of the 4-way flat vehicle end plug output, which connects to the trailer.

5. **Connect to Battery:** Route the power wire (if applicable) to the vehicle's battery, connecting it through the included fuse holder. Always install the fuse as the last step.
6. **Secure the Module:** Mount the main harness module in a dry, secure location within the vehicle's rear compartment, away from moisture and moving parts.
7. **Reassemble and Test:** Reinstall any removed vehicle components. Reconnect the battery and test all lighting functions (turn signals, brake lights, running lights) with a trailer or trailer light tester.

Important Note on Taillight Grommets:

Some vehicle models may have rubber grommets where wires exit the taillight housing into the vehicle's trunk. If the harness wires are routed through these existing grommet holes, ensure the grommet provides a complete seal around the new wiring to prevent water intrusion into the vehicle's interior, especially during car washes or heavy rain. Modifying the grommet to accommodate the new wiring may be necessary, and proper sealing is crucial.

FEATURES & BENEFITS

Dust cover included



Image: A hand demonstrating the included dust cover for the 4-way flat connector, protecting it when not in use.

OPERATING THE WIRING HARNESS

Once installed, the CURT Custom Wiring Harness provides a standard 4-way flat connector for your trailer's electrical system. This connector supplies power for your trailer's running lights, turn signals, and brake lights.

- **Connecting a Trailer:** Align the 4-way flat connector from your vehicle's harness with the corresponding connector on your trailer and push them firmly together until they are securely seated.
- **Disconnecting a Trailer:** Grasp both ends of the connector firmly and pull them apart. Avoid pulling on the wires themselves.
- **Dust Cover:** Always place the included dust cover over the vehicle's 4-way flat connector to protect it from dirt, moisture, and corrosion when not in use.

FEATURES & BENEFITS

Standard trailer wiring output

Trailer end
not included



Image: A close-up view of two 4-way flat connectors being connected, illustrating the standard trailer wiring output.

MAINTENANCE

To ensure the longevity and proper function of your CURT Custom Wiring Harness, follow these maintenance guidelines:

- **Keep Connections Clean:** Regularly inspect the 4-way flat connector for dirt, debris, or corrosion. Clean with a wire brush or electrical contact cleaner if necessary.
- **Apply Dielectric Grease:** Apply a small amount of dielectric grease to the electrical terminals of the 4-way flat connector to protect against moisture and corrosion.
- **Inspect Wiring:** Periodically check all visible wiring for signs of wear, fraying, or damage. Ensure all connections are secure.
- **Use Dust Cover:** Always use the provided dust cover when the harness is not connected to a trailer.

TROUBLESHOOTING

The CURT Custom Wiring Harness features a circuit-protected converter system designed to prevent damage from short circuits or overloads. If you experience issues, consider the following:

Circuit Protected Converter Systems:

This product has been factory tested and built to full specifications. The wiring package includes an electronic module that provides internal circuit protection.

If a short circuit or overload situation occurs in a trailer lighting circuit, the module is designed to shut the circuit down, preventing current flow until the issue is resolved.

If vehicle lamps are working but the trailer lamps are not working, shut power off to the faulted circuit for a few seconds then try the circuit again.

If trailer lamps return to normal function, the issue has been resolved.

If lamps light for a few seconds and then go off:

1. Check ground wire on both the harness and trailer.
2. Check correct an overload condition (too many bulbs).

If the circuit fails to light:

1. Check low vehicle fuse.
2. Check cable for broken connections.
3. Check for broken bulbs.
4. Check ground wire on both the harness and trailer.
5. Locate and correct a short.

Note: Using a tester can help confirm system function. If problems persist, see your installer or corrective action. Inspect wiring and connections before towing and frequently while towing.

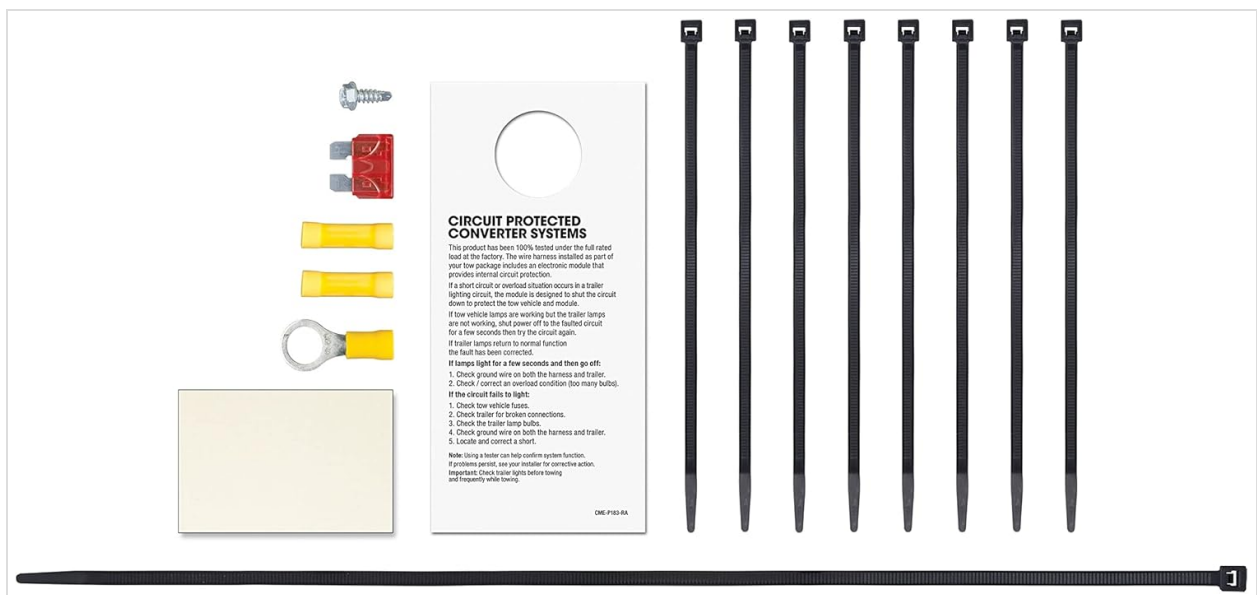


Image: Information card detailing the circuit protection features and troubleshooting steps for the wiring harness.

SPECIFICATIONS

Attribute	Detail
Brand	CURT
Model	Aries Automotive 56467: T-Conn, Mitsubishi Outlander
Item Model Number	56467
Manufacturer Part Number	56467
Item Weight	1.68 pounds
Product Dimensions	9 x 6 x 3 inches
ASIN	B0B4BFSGN5
Date First Available	September 16, 2022

WARRANTY AND SUPPORT


This product comes with a **Limited Warranty**. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official CURT website.




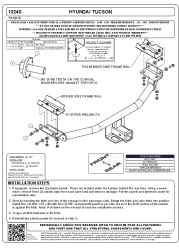

For technical support, installation assistance, or warranty claims, please contact CURT customer service through their official channels. Always provide your product model number (56467) and purchase details when seeking support.

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This manual is for informational purposes only. Always follow local laws and regulations regarding vehicle modifications and towing.

Related Documents - 56467

	<p>CURT 55513 Custom Wiring Harness Installation Guide for Toyota Tacoma, T-100, Hilux</p> <p>Step-by-step installation instructions for the CURT 55513 custom wiring harness, featuring 4-way flat output, for Toyota Tacoma, T-100, and Hilux vehicles. Includes safety warnings, tools needed, and application details.</p>
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	<p>CURT 58979 Universal RV Wiring Harness Installation Manual</p> <p>Detailed installation guide for the CURT 58979 Universal Splice-In Towed-Vehicle RV Wiring Harness for Dinghy Towing. Includes wiring types, location guides, tools, and step-by-step instructions.</p>
	<p>CURT 56207 Custom Wiring Harness Installation Instructions for Cadillac CTS/CTS-V</p> <p>Step-by-step installation guide for the CURT 56207 custom wiring harness, designed for Cadillac CTS Sedan and CTS-V Sedan models. Includes wiring location details, tools required, safety warnings, and comprehensive installation procedures.</p>
	<p>CURT 56325 Installation Instructions: Trailer Wiring Harness for Cadillac XT5 & GMC Acadia</p> <p>Detailed installation guide for the CURT 56325 custom vehicle-trailer wiring harness. Includes application details for Cadillac XT5 and GMC Acadia, wiring location, tools needed, and safety warnings.</p>
	<p>CURT 13240 Class III Trailer Hitch Installation Guide for Hyundai Tucson</p> <p>Step-by-step installation instructions for the CURT 13240 Class III receiver hitch, designed for the Hyundai Tucson. Includes parts list, tools required, safety warnings, and warranty details.</p>
	<p>Curt Trailer Hitches: Comprehensive Numerical Guide</p> <p>A detailed numerical listing of trailer hitches by Curt Manufacturing, organized by vehicle make, model, and year, including part numbers, ratings, and replacement information.</p>