

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [CURT](#) /

› [CURT 57661 7-Way RV Blade Vehicle-Side to 6-Way Round Trailer Wiring Adapter Instruction Manual](#)

## CURT 57661

# CURT 57661 7-Way RV Blade Vehicle-Side to 6-Way Round Trailer Wiring Adapter Instruction Manual

Model: 57661

## INTRODUCTION

This instruction manual provides detailed information for the proper use and installation of the CURT 57661 7-Way RV Blade Vehicle-Side to 6-Way Round Trailer Wiring Adapter. This adapter facilitates the connection between a vehicle equipped with a 7-way RV blade socket and a trailer utilizing a 6-way round plug, specifically designed with a center pin for brake lights. It is engineered for a direct, no-splice installation, ensuring a reliable electrical connection for essential trailer functions.



Image: The CURT 57661 adapter, designed to convert a 7-way RV blade connection to a 6-way round connection.

## PRODUCT FEATURES

- **Versatile Design:** Adapts a 7-way RV blade vehicle socket to fit a standard 6-way round trailer plug.
- **Easy Grip:** Features ergonomic tabs on the sides for secure handling during connection and disconnection.

- **Standard Connection:** Supports taillights, brake lights, turn signals, trailer brakes, and auxiliary power. The center pin is specifically designated for brake lights.
- **No-Splice Installation:** Designed for direct plug-and-play use, eliminating the need for wire splicing.
- **Durable Construction:** Constructed from robust black plastic to resist rust and corrosion, ensuring long-lasting performance.

## INSTALLATION INSTRUCTIONS

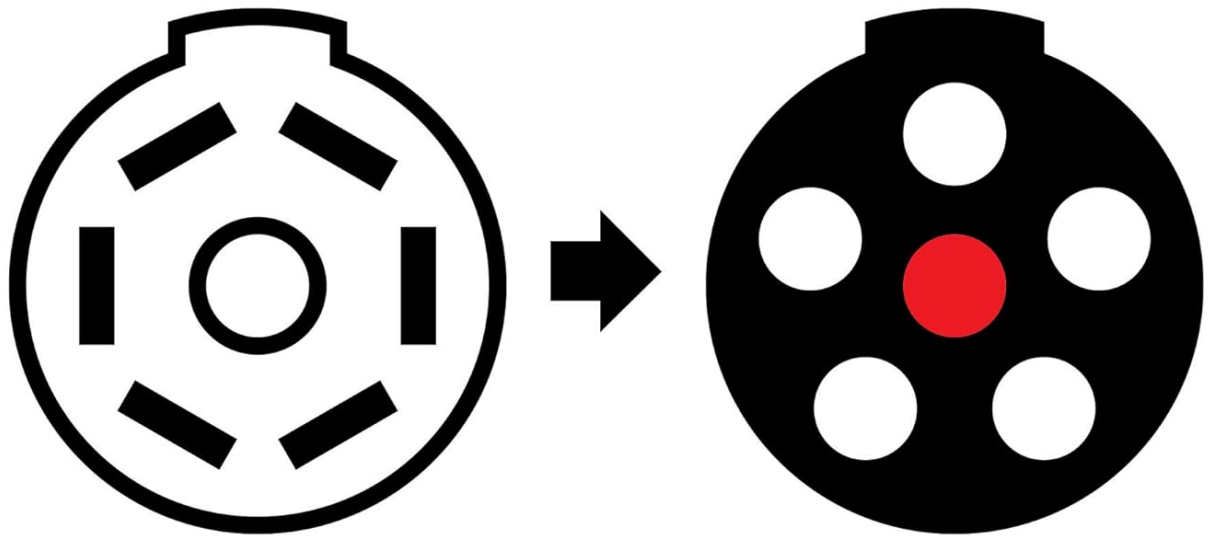
---

The CURT 57661 adapter is designed for straightforward, plug-and-play installation. No special tools or wiring modifications are typically required.

1. **Ensure Vehicle and Trailer are Off:** Before beginning, ensure both the vehicle and trailer are turned off and the vehicle's parking brake is engaged.
2. **Locate Vehicle Socket:** Identify the 7-way RV blade socket on your tow vehicle. This is typically located near the trailer hitch.
3. **Connect Adapter to Vehicle:** Align the CURT 57661 adapter with the vehicle's 7-way RV blade socket. Push firmly until it is securely seated. The ergonomic tabs assist with a firm grip.
4. **Locate Trailer Plug:** Identify the 6-way round plug on your trailer.
5. **Connect Trailer to Adapter:** Align the trailer's 6-way round plug with the corresponding receptacle on the CURT 57661 adapter. Push firmly until a secure connection is made.
6. **Verify Connection:** After connecting, perform a functional test of all trailer lights (running lights, brake lights, turn signals) and trailer brakes to ensure proper operation.

# ADAPTS

**7-way RV blade vehicle socket  
to fit 6-way round trailer plugs**



**Center pin designated for brake lights**



Image: Visual representation of the adapter's function, converting a 7-way RV blade connection to a 6-way round connection, highlighting the brake light pin.

## OPERATION

Once the CURT 57661 adapter is correctly installed between your vehicle and trailer, it will automatically transmit the necessary electrical signals for trailer functions. The adapter ensures that the following systems operate correctly:

- Running Lights
- Brake Lights (via center pin)
- Left Turn Signal
- Right Turn Signal
- Trailer Brakes
- Auxiliary Power (if applicable to your trailer's 6-way configuration)

Always verify all trailer lights and brake functions are operational before towing.

## MAINTENANCE

To ensure optimal performance and longevity of your CURT 57661 adapter, follow these simple maintenance guidelines:

- **Regular Inspection:** Periodically inspect the adapter for any signs of damage, corrosion, or wear on the housing and electrical pins.
- **Cleaning:** Keep the electrical pins clean and free of dirt, debris, and moisture. Use a non-corrosive electrical contact cleaner if necessary.
- **Storage:** When not in use, store the adapter in a dry, protected environment to prevent exposure to elements that could cause corrosion or damage.
- **Lubrication:** A small amount of dielectric grease can be applied to the electrical pins to help prevent corrosion and ensure a good connection.

## TROUBLESHOOTING

If you experience issues with your trailer's electrical functions after connecting the adapter, consider the following troubleshooting steps:

- **No Lights/Brakes:**
  - Ensure the adapter is fully seated in both the vehicle socket and trailer plug.
  - Check the vehicle's fuses related to trailer wiring.
  - Inspect the electrical pins on both the adapter and the vehicle/trailer connectors for corrosion or damage. Clean if necessary.
  - Verify the trailer's wiring is intact and correctly connected to its 6-way plug.
- **Incorrect Light Function (e.g., brake lights activate with turn signal):**
  - This often indicates a wiring mismatch or a ground issue. Ensure all connections are clean and secure.
  - Confirm that the trailer's 6-way wiring configuration matches the standard for a center pin brake light setup. Some 6-way round plugs may have different pin assignments.
- **Loose Connection:**
  - If the adapter feels loose, ensure the vehicle's 7-way socket is not worn or damaged.
  - The adapter's ergonomic tabs are designed for a secure fit; ensure they are not obstructed.

If issues persist after troubleshooting, consult a qualified automotive electrician or contact CURT customer support.

## SPECIFICATIONS

Attribute	Detail
Model Number	57661
Adapter Type	7-Way RV Blade Vehicle-Side to 6-Way Round Trailer Plug
Brake Light Pin	Center Pin
Construction Material	Durable Black Plastic
Dimensions	Approximately 9 x 4 x 2 inches (Product Dimensions)

Attribute	Detail
Item Weight	4 ounces
Manufacturer	Curt Manufacturing

# APPROXIMATE DIMENSIONS

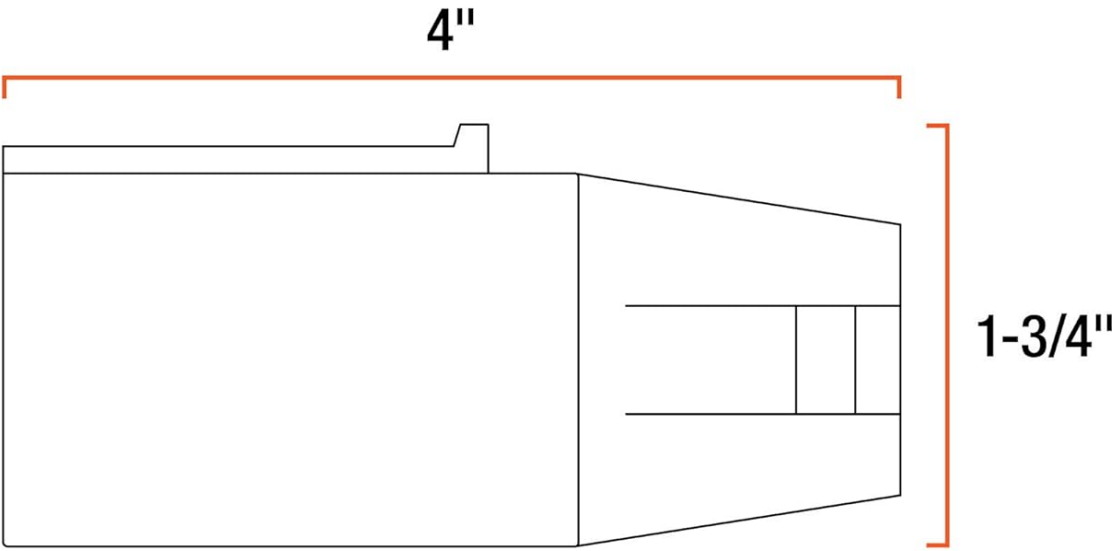


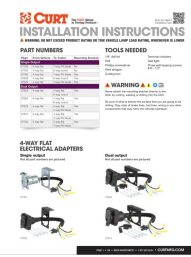

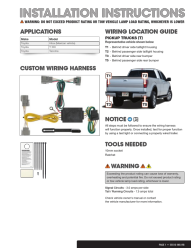



Image: Approximate dimensions of the adapter for reference.

## WARRANTY AND SUPPORT

All CURT wiring and electrical products, including the 57661 adapter, come with a one-year limited warranty. For warranty claims, technical assistance, or further support, please refer to the official CURT website or contact their customer service department directly.

For additional information, you may visit the [CURT Store on Amazon](#).

Related Documents - 57661

	<p><a href="#">CURT 4-Way Flat Trailer Wiring Adapter Installation Instructions</a></p> <p>Comprehensive installation guide for CURT 4-way flat trailer wiring adapters, detailing part numbers, tools needed, safety warnings, and step-by-step instructions for connecting to various trailer types.</p>
	<p><a href="#">CURT TRIFLEX Brake Control: Installation and User Guide</a></p> <p>Discover how to install, set up, and operate your CURT TRIFLEX™ trailer brake controller with this comprehensive user guide. Learn about its features, wiring, troubleshooting, and ensure safe towing for your vehicle and trailer.</p>
	<p><a href="#">CURT 55513 Custom Wiring Harness Installation Guide for Toyota Tacoma, T-100, Hilux</a></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>
	<p><a href="#">CURT Spectrum Brake Control Installation Manual</a></p> <p>This manual provides detailed instructions for installing the CURT Spectrum Brake Control (Model 51170). It covers component identification, wiring, mounting options, setup procedures, testing, and troubleshooting for safe and effective trailer braking.</p>
	<p><a href="#">Curt Trailer Hitches: Comprehensive Numerical Guide</a></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>
	<p><a href="#">CURT Venturer™ NEXT Trailer Brake Controller Installation Manual (Model 51116)</a></p> <p>This manual provides detailed instructions for installing and operating the CURT Venturer™ NEXT Trailer Brake Controller (Model 51116). It covers component identification, wiring, mounting procedures, operational modes, initial setup, testing, and troubleshooting.</p>