

CURT CUR-121073-55567

CURT Class 2 Trailer Hitch and Wiring Harness Instruction Manual

Model: CUR-121073-55567 | **Brand:** CURT

For 2012-2016 Toyota Camry

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your CURT Class 2 Trailer Hitch (Part #121073) and T-Connector Wiring Harness (Part #55567) bundle for the 2012-2016 Toyota Camry. Please read all instructions carefully before proceeding with installation or use. Retain this manual for future reference.

Safety First: Always prioritize safety. Wear appropriate personal protective equipment (PPE) during installation. Ensure the vehicle is securely supported and the engine is off. If you are unsure about any step, consult a qualified professional.

2. PRODUCT OVERVIEW

The CURT Class 2 Trailer Hitch and T-Connector Wiring Harness bundle provides a complete solution for adding towing capabilities to your Toyota Camry. The hitch is designed for a custom fit, ensuring optimal performance and integration with your vehicle's frame. The wiring harness offers a simple, plug-and-play solution for connecting trailer lights.

2.1. Components Included

- CURT Class 2 Trailer Hitch (Part #121073)
- CURT T-Connector Wiring Harness (Part #55567)
- All necessary mounting hardware for the hitch
- Installation accessories for the wiring harness (e.g., zip ties, fuses)



55567



This image displays the complete CURT bundle, including the black powder-coated Class 2 trailer hitch and the associated T-connector wiring harness components, ready for installation.



A detailed view of the CURT Class 2 trailer hitch, featuring its robust steel construction and black powder-coat finish. The receiver tube and mounting plates are clearly visible.



55567

This image displays the various components of the CURT T-connector wiring harness, including the converter module, vehicle-side and trailer-side connectors, zip ties, and other installation accessories.

3. SETUP AND INSTALLATION

Installation of the trailer hitch and wiring harness requires mechanical aptitude and basic tools. It is highly recommended to refer to the specific installation instructions provided with each component (Part #121073 and Part #55567) for detailed, step-by-step guidance. Professional installation is always an option for optimal results.

3.1. Trailer Hitch Installation (Part #121073)

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and allow the exhaust system to cool.
2. **Access Mounting Points:** Depending on the vehicle, this may involve lowering the exhaust, removing underbody panels, or temporarily moving other components to access the frame rails.
3. **Position Hitch:** Carefully lift the hitch into position, aligning the mounting holes on the hitch with the existing holes or weld nuts on the vehicle's frame.
4. **Secure Hardware:** Install the provided bolts, washers, and nuts. Hand-tighten all fasteners initially.
5. **Torque Fasteners:** Refer to the specific instructions for the correct torque specifications for each fastener. Tighten all bolts to the recommended torque.
6. **Reassemble:** Reinstall any components that were removed or lowered during the installation process.



The rear of a silver Toyota Camry (2012-2016 model) is depicted, showcasing the CURT Class 2 trailer hitch receiver tube extending from below the bumper. The CURT logo is visible on the hitch.



A close-up shot of the CURT Class 2 trailer hitch receiver installed on a Toyota Camry, illustrating how the hitch integrates with the vehicle's undercarriage and bumper area.

3.2. Wiring Harness Installation (Part #55567)

1. **Locate Connection Points:** The T-connector harness is designed to plug into existing wiring behind the vehicle's taillights. Access the taillight assemblies.
2. **Disconnect Taillight Harnesses:** Carefully disconnect the factory wiring harness from the taillight assemblies.
3. **Connect T-Connectors:** Insert the CURT T-connector ends between the factory harness and the taillight assembly. Ensure a secure connection.
4. **Mount Converter Module:** Find a secure, dry location within the vehicle's trunk or cargo area to mount the converter module. Use the provided zip ties or double-sided tape.
5. **Route Wires:** Route the trailer-side wiring to the exterior of the vehicle, ensuring it is protected from heat, sharp edges, and moving parts. Secure with zip ties.
6. **Connect Power (if applicable):** Some harnesses require a direct connection to the vehicle's battery. Follow the specific instructions for fuse installation and power routing.
7. **Test Functionality:** Before towing, connect a trailer or a trailer light tester to verify all trailer lights (turn

signals, brake lights, running lights) are functioning correctly.

4. OPERATING INSTRUCTIONS

Once installed, your CURT trailer hitch and wiring harness enable your Toyota Camry to tow a trailer. Always adhere to safe towing practices and never exceed the vehicle's or hitch's towing capacities.

4.1. Towing Capacity

- **Maximum Gross Trailer Weight (GTW):** 2,500 lbs
- **Maximum Tongue Weight (TW):** 250 lbs

Important: Always consult your vehicle's owner's manual for its specific towing capacity. Never exceed the lowest rated component in your towing system (vehicle, hitch, or trailer).

4.2. Safe Towing Practices

- Ensure the trailer is properly loaded with approximately 10-15% of the trailer's weight on the tongue.
- Connect the trailer to the hitch receiver using a properly sized ball mount and hitch ball.
- Attach safety chains from the trailer to the vehicle's hitch safety chain loops.
- Connect the trailer's electrical plug to the vehicle's wiring harness connector.
- Verify all trailer lights are working before each trip.
- Drive at reduced speeds and allow for increased braking distances when towing.

5. MAINTENANCE

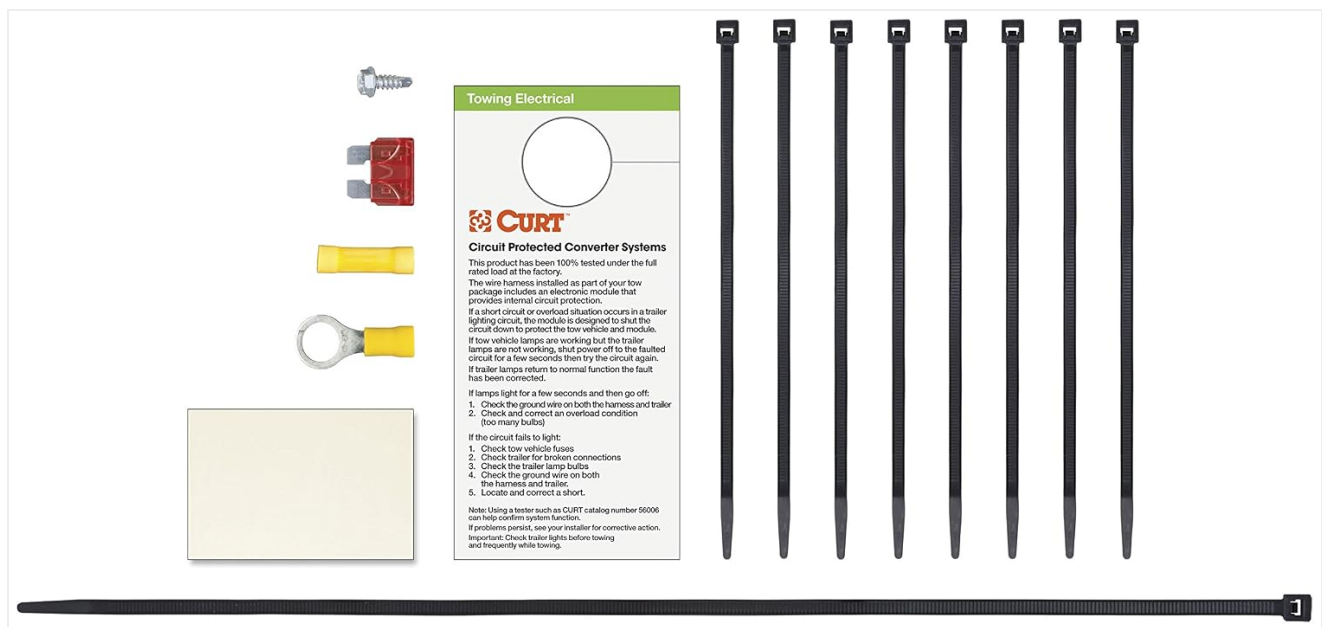
Regular maintenance ensures the longevity and safe operation of your CURT trailer hitch and wiring harness.

- **Hitch Inspection:** Periodically inspect the hitch for any signs of rust, damage, or loose fasteners. Tighten any loose bolts to the specified torque.
- **Wiring Inspection:** Check the wiring harness for frayed wires, damaged connectors, or corrosion. Clean electrical contacts with a suitable electrical contact cleaner if necessary.
- **Receiver Tube:** Keep the inside of the receiver tube clean and free of debris. Apply a light coat of grease to the hitch ball shank to prevent rust and ease coupling.
- **Storage:** If not in use for extended periods, consider removing the ball mount and storing it in a dry place.

6. TROUBLESHOOTING

If you encounter issues with your trailer lights, follow these basic troubleshooting steps. The CURT T-Connector Wiring Harness features a circuit-protected converter system to prevent damage to your vehicle's electrical system.

6.1. Trailer Lights Not Functioning



A visual guide detailing the CURT Circuit Protected Converter Systems, including information on circuit protection, common issues, and troubleshooting steps for trailer lights. It shows wiring accessories like fuses and connectors.

If trailer lamps are not working but the vehicle lamps are:

- Shut power off to the faulted circuit.
- Correct the overload condition (e.g., too many bulbs).
- Restore power to the circuit.

If trailer lamps work for a few seconds and then go off:

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

If the circuit fails to light:

1. Check tow vehicle fuses.
2. Check all electrical connections.
3. Check the trailer lamp bulbs.
4. Check the ground wire on both the harness and trailer.
5. Locate and correct a short.

Note: Using a tester such as CURT catalog number 58206 can help confirm system function.

If problems persist, see your installer for corrective action. Always check trailer lights before towing.

7. SPECIFICATIONS

Specification	Value
Brand	CURT
Model Numbers	Hitch: 121073, Wiring: 55567
Vehicle Service Type	Car (2012-2016 Toyota Camry)
Hitch Class	Class 2

Specification	Value
Pull Force (GTW)	2500 Pounds
Tongue Weight (TW)	250 Pounds
Finish Type	Powder Coated
Item Weight (Hitch)	37.95 Pounds
Manufacturer Part Number	CUR-121073-55567

8. WARRANTY AND SUPPORT

For specific warranty information regarding your CURT Class 2 Trailer Hitch and T-Connector Wiring Harness, please refer to the documentation included with your product or visit the official CURT website. For technical support, installation assistance, or to inquire about replacement parts, please contact CURT customer service directly.

CURT Manufacturing Contact Information: Please refer to the contact details provided on the CURT official website or product packaging.

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