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## CURT 45297

# CURT 45297 Class 3 Trailer Hitch Ball Mount User Manual

Brand: CURT | Model: 45297

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your CURT 45297 Class 3 Trailer Hitch Ball Mount. This ball mount is designed for standard-duty towing applications, featuring a 2-inch by 2-inch shank. It is suitable for towing various heavy-duty trailers, including utility trailers, boat trailers, campers, and single-horse livestock trailers. Please read this manual thoroughly before installation and operation to ensure proper usage and safety.



Image 1: The CURT 45297 Class 3 Trailer Hitch Ball Mount. This chrome-plated ball mount is designed for robust towing applications.

## 2. KEY FEATURES

- **Dependable Strength:** Constructed from high-strength steel, this ball hitch is rated for a gross trailer weight capacity of up to 7,500 lbs and a tongue weight capacity of 750 lbs when used in the drop position. In the rise position, it supports 6,000 lbs GTW and 600 lbs TW.
- **Versatile Use:** Equipped with a 2-inch x 2-inch shank, it fits most industry-standard 2-inch receivers. It offers a 6-inch drop and a 4-inch rise to facilitate level towing for various trailer types.
- **Ready to Tow:** Features a 1-inch hole designed to accept a trailer hitch ball with a 1-inch diameter shank (trailer ball sold separately).
- **Corrosion-Resistant:** Protected with a durable chrome-plated finish, providing resistance against corrosion, scratches, UV damage, and other environmental factors.
- **Easy Installation:** The rounded shank simplifies insertion into your vehicle's 2-inch hitch receiver. Secure it in place with a hitch pin (sold separately).

# FEATURES & BENEFITS

## Representative Image



Image 2: Key features highlighted, showing the 2-inch shank, 1-inch ball hole, and chrome-plated finish.

## 3. SPECIFICATIONS

Attribute	Value
Model Number	45297
Brand	CURT
Material	Alloy Steel
Color	Chrome
Product Dimensions (L x W x H)	16 x 6 x 3 inches
Item Weight	8.58 pounds
Shank Size	2 inches x 2 inches
Ball Hole Diameter	1 inch
Drop Position Capacity (GTW / TW)	7,500 lbs / 750 lbs
Rise Position Capacity (GTW / TW)	6,000 lbs / 600 lbs
Drop	6 inches
Rise	4 inches
Length	9-1/4 inches
Manufacturer	Curt Manufacturing
UPC	612314447008

# APPROXIMATE DIMENSIONS

Fits 2" receiver tubes

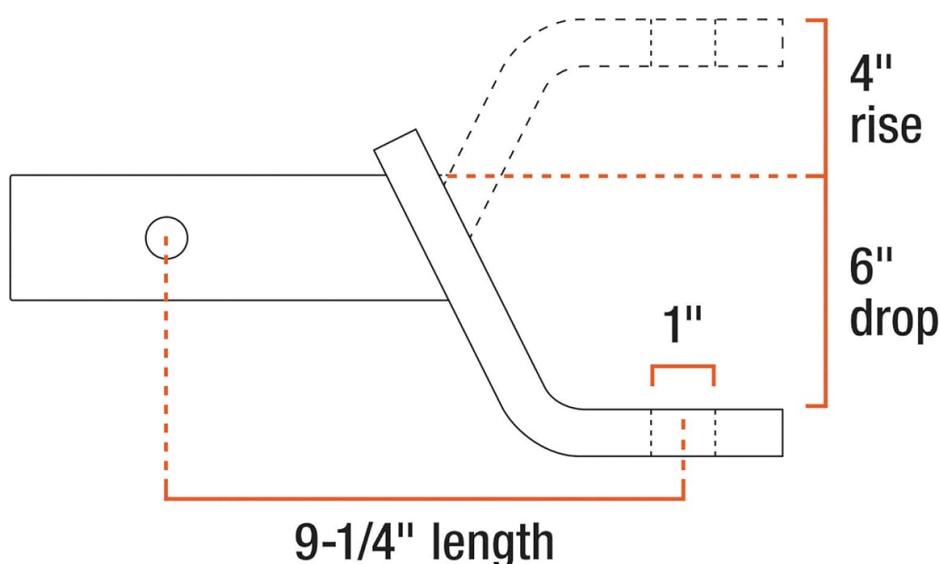


Image 3: Diagram illustrating the approximate dimensions, including the 6-inch drop, 4-inch rise, and 9-1/4 inch length.

## 4. SAFETY INFORMATION

Always prioritize safety when towing. Adhere to the following guidelines:

- **Weight Capacity:** Never exceed the lowest weight capacity of any component in your towing system. This includes the vehicle, hitch, ball mount, and trailer. Refer to your vehicle's owner's manual and the specifications of all towing components.
- **Proper Ball Selection:** Ensure the trailer hitch ball used has a 1-inch diameter shank and is rated for the weight you intend to tow. The ball diameter must match the trailer coupler.
- **Secure Connection:** Always use a properly rated hitch pin and clip to secure the ball mount in the receiver. Ensure all connections are tight and secure before towing.
- **Level Towing:** Maintain a level vehicle and trailer to prevent reduced braking, steering, or trailer sway. Adjust the ball mount to achieve the correct drop or rise for your setup.
- **Regular Inspection:** Before each tow, inspect the ball mount for any signs of wear, damage, or corrosion. Replace any compromised components immediately.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

## 5. INSTALLATION GUIDE

Installing the CURT 45297 Class 3 Trailer Hitch Ball Mount is a straightforward process:

1. **Prepare the Receiver:** Ensure your vehicle's 2-inch hitch receiver is clean and free of debris.
2. **Insert Ball Mount:** Slide the shank of the CURT 45297 ball mount into the vehicle's 2-inch hitch receiver. The rounded shank design facilitates easy insertion.
3. **Align Pin Holes:** Push the ball mount fully into the receiver until the pin holes on the ball mount align with the pin holes on the receiver.
4. **Secure with Pin:** Insert a hitch pin (sold separately) through the aligned holes. Secure the hitch pin with a clip to prevent it from dislodging during towing.
5. **Attach Trailer Ball:** If not already attached, install a trailer hitch ball with a 1-inch diameter shank into the ball mount's 1-inch hole. Ensure the ball is securely tightened according to the manufacturer's specifications.



Image 4: A representative image showing the ball mount being inserted into a vehicle's hitch receiver. For a visual guide on ball mount selection and installation, please refer to the following video:

Your browser does not support the video tag.

Video 1: CURT Ball Mounts Introduction. This video provides an overview of CURT ball mounts and their general

## 6. OPERATING INSTRUCTIONS

The CURT 45297 ball mount can be used in two primary configurations to achieve level towing:

- **Drop Position:** When the trailer coupler is lower than your vehicle's receiver, position the ball mount with the ball platform facing downwards to achieve a 6-inch drop. This helps level the trailer.
- **Rise Position:** If the trailer coupler is higher than your vehicle's receiver, flip the ball mount so the ball platform faces upwards to achieve a 4-inch rise. This also helps maintain a level towing setup.

Always ensure the trailer tongue is level or slightly nose down when coupled to the tow vehicle. This is crucial for safe handling and stability.

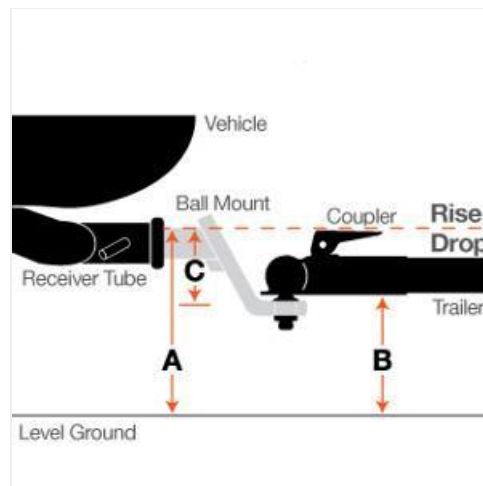


Image 5: A diagram illustrating the concept of rise and drop positions for a ball mount to achieve level towing.

For detailed guidance on selecting the correct ball mount for your specific towing needs, including understanding receiver height and coupler height, please watch the following instructional video:

Your browser does not support the video tag.

Video 2: How to Select a Ball Mount. This video from REESE Towpower explains how to measure for proper ball mount selection to ensure level towing.

## 7. MAINTENANCE

To ensure the longevity and safe operation of your CURT 45297 Trailer Hitch Ball Mount, follow these maintenance recommendations:

- **Regular Cleaning:** After each use, especially in harsh weather conditions or after exposure to road salt, clean the ball mount with mild soap and water. Rinse thoroughly and dry completely.
- **Inspect for Damage:** Periodically check the ball mount for any signs of rust, cracks, bends, or other structural damage. Pay close attention to the shank, ball platform, and the area around the ball hole.
- **Chrome Finish Care:** The chrome-plated finish provides corrosion resistance. To maintain its appearance and protective qualities, avoid abrasive cleaners or tools that could scratch the surface.
- **Lubrication:** Apply a thin layer of grease to the hitch ball and the inside of the trailer coupler before each tow to reduce friction and wear.
- **Storage:** When not in use, store the ball mount in a dry, protected area to prevent exposure to elements that could accelerate corrosion.



## 8. TROUBLESHOOTING

Most issues related to the ball mount can be resolved by ensuring proper installation and maintenance. If you encounter problems, consider the following:

- **Loose Fit in Receiver:** Ensure the hitch pin is fully inserted and secured with its clip. If excessive play persists, inspect the receiver and ball mount for wear or incorrect sizing.
- **Trailer Not Level:** Re-measure your receiver height and trailer coupler height. Adjust the ball mount to the appropriate drop or rise position as described in the Operating Instructions.
- **Excessive Noise During Towing:** Check all connections for tightness, including the hitch ball nut and the hitch pin. Ensure the trailer coupler is properly latched onto the hitch ball. Lubricate the hitch ball if necessary.
- **Corrosion:** While chrome-plated for resistance, prolonged exposure to harsh conditions without cleaning can lead to corrosion. Regular cleaning and proper storage are key preventative measures. If corrosion is severe, consider replacing the component.

## 9. WARRANTY AND SUPPORT

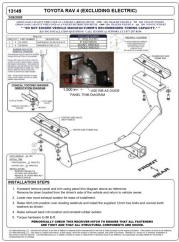

For warranty information, technical support, or to purchase replacement parts, please contact CURT Manufacturing directly. Refer to the official CURT website or product packaging for the most current contact details and warranty terms.



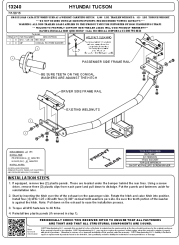
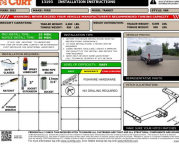
Manufacturer: Curt Manufacturing

Website: [www.curtmfg.com](http://www.curtmfg.com)

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### Related Documents - 45297

	<p><a href="#">Toyota RAV4 (2006-Current) Trailer Hitch Installation Guide - CURT 13149</a></p> <p>Step-by-step installation instructions for the CURT 13149 Class 3 Trailer Hitch for Toyota RAV4 models (2006-Current, excluding Electric). Includes parts list, tools required, safety information, and towing capacity details.</p>
	<p><a href="#">CURT 13146 Trailer Hitch Installation Manual</a></p> <p>This document provides installation instructions for the CURT 13146 trailer hitch, including parts list, tools required, safety instructions, and towing capacity information for select Honda Pilot and Acura MDX models.</p>

	<p><a href="#">CURT 13507 Class 3 Trailer Hitch Installation Manual for Jeep Grand Cherokee</a></p> <p>Comprehensive installation guide for the CURT 13507 Class 3 Trailer Hitch. This manual provides detailed instructions, parts lists, required tools, and safety information for installing the hitch on a 2022 Jeep Grand Cherokee.</p>
	<p><a href="#">CURT 11475 Trailer Hitch Installation Guide for Volkswagen Golf R (2017-2023)</a></p> <p>Detailed, step-by-step installation instructions for the CURT 11475 receiver hitch on 2017-2023 Volkswagen Golf R models. Includes parts list, required tools, safety warnings, and towing capacity information.</p>
	<p><a href="#">CURT 13240 Class III Trailer Hitch Installation Guide for Hyundai Tucson</a></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><a href="#">CURT 13193 Trailer Hitch Installation Guide for Ford Transit</a></p> <p>Step-by-step installation instructions for the CURT 13193 trailer hitch designed for the Ford Transit van. Includes parts list, tools required, safety information, and towing capacity details.</p>