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CURT 13002

CURT 13002 Class III Receiver Hitch

Model: 13002

INTRODUCTION

The CURT 13002 Class III Receiver Hitch is engineered for serious towing applications, providing a robust and reliable connection point for various trailers. This manual provides essential information regarding the product's features, installation, operation, maintenance, and specifications to ensure safe and effective use.



Image: The CURT 13002 Class III Receiver Hitch, a black, sturdy steel component designed for vehicle attachment and towing.

SAFETY INFORMATION

Always prioritize safety when installing and operating your receiver hitch. Adhere to the following guidelines:

- **Never exceed the lowest-rated towing component:** This includes the vehicle's towing capacity, the hitch's capacity, the trailer's capacity, and any other towing accessories.
- **Never exceed vehicle weight rating:** Consult your vehicle's owner's manual for specific towing limits.
- Ensure all connections are secure and properly torqued before towing.

- Use appropriate safety chains and lighting as required by local regulations.
- Regularly inspect the hitch for any signs of wear, damage, or corrosion.

PRODUCT FEATURES

The CURT 13002 Class III Receiver Hitch offers a range of features designed for durability and performance:

- **2-inch Receiver Tube Opening:** Standard size for compatibility with a wide range of hitch accessories.



Image: An icon indicating a 2-inch receiver tube size, a common standard for trailer hitches.

- **No Drilling Required:** Designed for a vehicle-specific fit that utilizes existing factory holes for installation.

NO DRILLING REQUIRED



Image: A red circle with a line through a drill, indicating that no drilling is required for installation.

- **Vehicle-Specific Design:** Ensures a precise fit for compatible vehicles, such as certain years of the Cadillac SRX.
- **Dual-Coat Finish:** Protected by a co-cured finish of liquid A-coat and black powder coat for superior resistance to rust, chipping, and UV damage.

FEATURES & BENEFITS

Industry-leading, dual-coat finish



Image: Metal hitch components undergoing a liquid coating process, illustrating the dual-coat finish application.

- **Fully Tested Design:** Tested in accordance with SAE J684 for safety and reliability.

FEATURES & BENEFITS

Fully tested design



Image: A CURT hitch attached to testing equipment, demonstrating the rigorous testing process for durability and safety.

- **High-Strength Construction:** Constructed with rugged, high-strength steel and precise welding.
- **Made in USA:** Manufactured in the United States.



Image: The 'Made in USA' logo, featuring stars and stripes, indicating the product's country of manufacture.

SETUP AND INSTALLATION

Installation of the CURT 13002 Class III Receiver Hitch is designed to be straightforward due to its vehicle-specific, no-drill design. While specific steps may vary by vehicle model, the general process involves:

1. **Prepare Vehicle:** Park the vehicle on a level surface and engage the parking brake. For some vehicles, it may be necessary to remove or loosen plastic cowlings or trim pieces from the rear bumper area to access the frame.
2. **Position Hitch:** Carefully lift the hitch into position, aligning its mounting points with the existing factory holes in the vehicle's frame. A second set of hands can be helpful for this step.
3. **Install Bolts:** Insert the provided bolts into the aligned holes. Finger-tighten all bolts initially to allow for minor adjustments.
4. **Align and Tighten:** Ensure the hitch is properly aligned. Then, progressively tighten all bolts to the manufacturer's specified torque settings. Start with center bolts and then move to the ends. For older vehicles, cleaning or re-tapping frame threads (e.g., M12 x 1.75) may be necessary if corrosion is present to ensure smooth bolt installation.
5. **Reinstall Trim:** Reattach any removed plastic cowlings or trim pieces. Some vehicle models may require minor trimming of the bumper molding for a clean, integrated look around the receiver tube.

Always refer to the detailed installation instructions provided with your specific hitch package or consult a professional installer if you are unsure about any steps.

OPERATING INSTRUCTIONS

Once installed, the CURT 13002 Class III Receiver Hitch allows for the attachment of various towing accessories and trailers. To operate safely:

- **Attach Ball Mount and Hitch Ball:** A hitch ball and ball mount are sold separately and are required to connect most trailers. Ensure the ball mount is correctly inserted into the 2-inch receiver tube and secured with a hitch pin and clip. The hitch ball must be properly torqued onto the ball mount.
- **Connect Trailer:** Carefully back up to the trailer and lower the trailer coupler onto the hitch ball. Secure the coupler latch.
- **Safety Chains:** Always attach safety chains from the trailer to the designated chain loops on the hitch. Cross the chains under the trailer tongue to cradle it in case of detachment.
- **Electrical Connections:** If your trailer has lights or electric brakes, connect the appropriate wiring harness to your vehicle's towing electrical system.
- **Weight Distribution:** For heavier loads or specific vehicle setups, this hitch is compatible with a weight distribution system to promote level towing and improved handling.
- **Pre-Towing Check:** Before each trip, verify that all connections are secure, lights are working, and the trailer's weight is within the specified limits.

MAINTENANCE

Regular maintenance will extend the life and ensure the safe operation of your CURT receiver hitch:

- **Inspect Regularly:** Periodically inspect the hitch for signs of rust, chipping, or damage to the protective finish. Address any issues promptly to prevent further deterioration.
- **Clean Receiver Tube:** Keep the inside of the 2-inch receiver tube clean and free of debris to ensure smooth insertion and removal of ball mounts and accessories.
- **Check Bolt Tightness:** Over time, vibrations from driving can loosen bolts. Periodically check all mounting bolts and re-torque them to the specified values if necessary.
- **Lubrication:** Apply a light coat of grease or anti-seize compound to the hitch ball shank and receiver tube interior to prevent rust and facilitate connections.

TROUBLESHOOTING

While the CURT 13002 hitch is designed for easy installation, some common issues may arise:

- **Holes Not Lining Up:** If mounting holes do not perfectly align, slight adjustments to the hitch's position may be needed. For older vehicles, corrosion in the frame's threaded holes can impede bolt insertion; cleaning or re-tapping the threads (e.g., M12 x 1.75) may resolve this.
- **Difficulty Inserting Ball Mount:** Ensure the receiver tube is clean and free of debris. A light lubricant can aid insertion. Check for any deformation of the receiver tube or ball mount.
- **Excessive Noise During Towing:** Ensure all connections (hitch ball, ball mount, safety chains, coupler) are secure. Check for proper weight distribution and ensure the trailer's tongue weight is within limits.

If you encounter persistent issues, consult a qualified mechanic or contact CURT customer support.

SPECIFICATIONS

Model Number	13002
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Manufacturer	Curt Manufacturing
Receiver Tube Opening	2 inches
Weight Carrying Capacity (GTW)	5,000 lbs.
Weight Carrying Tongue Weight (TW)	500 lbs.
Weight Distribution Capacity (WD)	6,000 lbs.
Weight Distribution Tongue Weight (WDTW)	600 lbs.
Material	Alloy Steel
Finish Type	GLOSS BLACK POWDER COAT
Product Dimensions (L x W x H)	114.3 x 33.02 x 25.4 cm
Item Weight	2.27 kg
Safety Standard	Tested in accordance with SAE J684

WARRANTY AND SUPPORT

The CURT 13002 Class III Receiver Hitch comes with a**Limited Lifetime Warranty** to the original purchaser. This warranty covers defects in material and workmanship under normal use and service.

For warranty claims, technical support, or any questions regarding your CURT product, please contact CURT Manufacturing directly. Refer to the contact information provided on the official CURT website or product packaging for the most up-to-date support channels.