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CURT 16570

CURT 16570 R24 5th Wheel Roller Instruction Manual

Introduction

The CURT 16570 R24 5th Wheel Roller is engineered to enhance the towing capabilities of short-bed trucks when paired with a 5th wheel hitch. This roller provides crucial additional clearance, facilitating easier maneuvering of large RV trailers, particularly those with extended front overhangs. It is designed for secure mounting onto existing 5th wheel rails or a gooseneck adapter already installed in the truck bed, offering a stable and mobile platform for your 5th wheel hitch.

The R24 roller features a true rolling unit design, utilizing wheels to bear the trailer's weight, which ensures smooth operation. It provides up to 12 inches of displacement, significantly improving the turning radius for short-bed trucks. Constructed with solid, non-binding rods, the unit is finished with a durable carbide powder coat, offering robust protection against scratching, chipping, rusting, and UV damage. This model boasts a substantial towing capacity of 24,000 lbs.

Key Features

- Designed for use with CURT Q24 5th wheel hitch head #16545.
- Enables forward and rearward movement of the 5th wheel hitch for increased clearance during turns.
- Constructed with solid, non-binding rods that securely lock the hitch into position.
- Offers 12 inches of travel, providing greater maneuverability compared to many competitive models that typically offer 10 inches.
- Utilizes wheels to bear the trailer's weight, ensuring smooth and reliable operation, distinct from designs that rely on hollow rods.

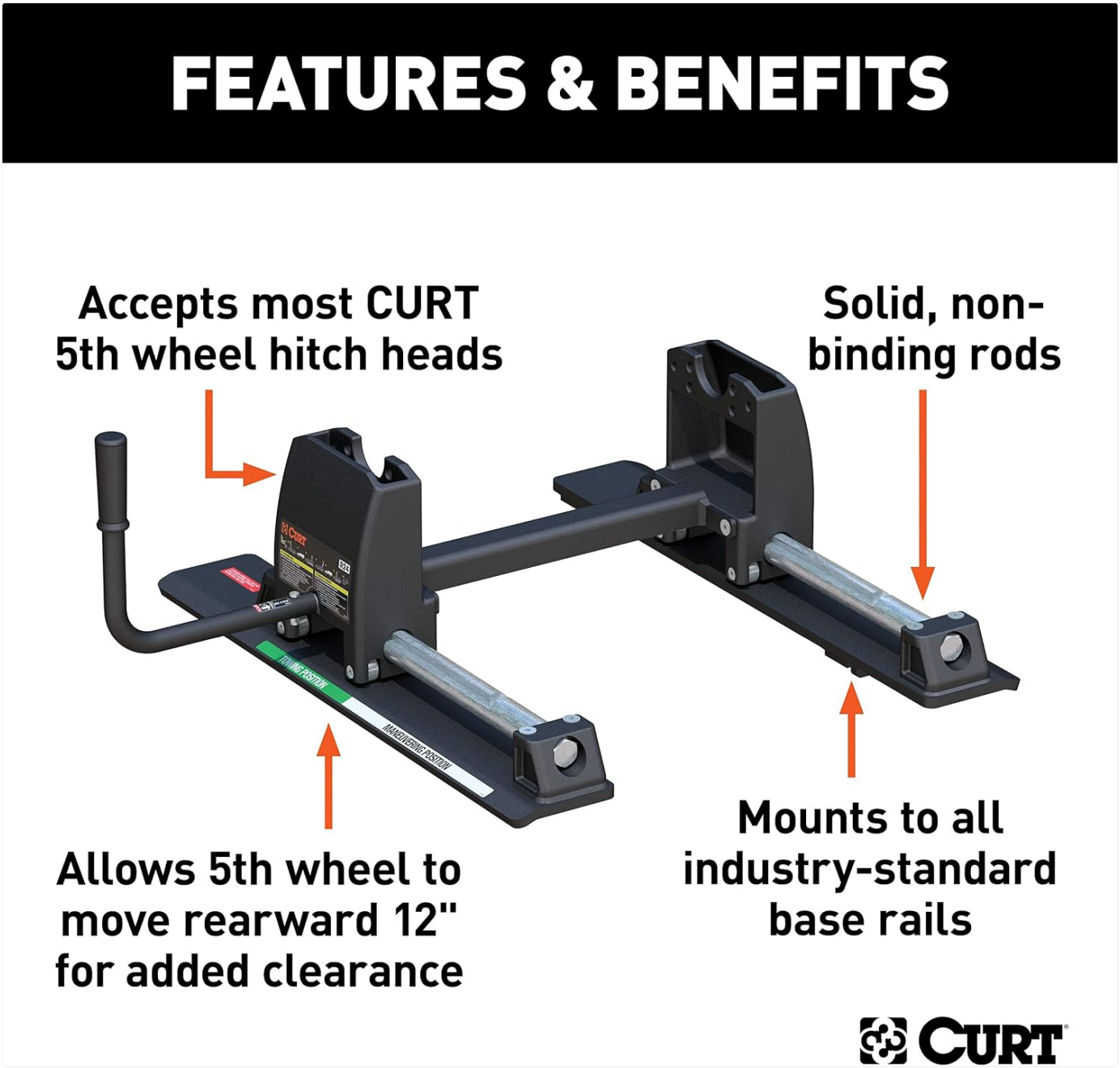


Image: Key features of the CURT R24 5th Wheel Roller, including solid rods, 12-inch movement, and compatibility with industry-standard base rails.

Setup

The CURT 16570 R24 5th Wheel Roller is designed for straightforward installation onto existing industry-standard 5th wheel rails or a gooseneck adapter in your truck bed. Ensure that your truck bed is equipped with a compatible rail system before proceeding with the roller installation.

Installation Steps (General Overview):

1. Position the R24 roller assembly onto your existing 5th wheel base rails.
2. Align the mounting points of the roller with the rail system.
3. Secure the roller to the rails using the appropriate fasteners and hardware provided or recommended by CURT. Ensure all connections are tightened to the manufacturer's specifications.
4. Once the roller is securely mounted, attach your compatible CURT 5th wheel hitch head (e.g., CURT Q24 #16545) to the roller assembly.

5. Verify that the roller mechanism slides smoothly and locks securely into both forward and rearward positions.

For detailed, step-by-step installation instructions, including torque specifications and safety warnings, please refer to the official Installation Manual (PDF).



Image: The CURT R24 5th Wheel Roller shown mounted to industry-standard base rails in a truck bed, ready for a 5th wheel hitch head.

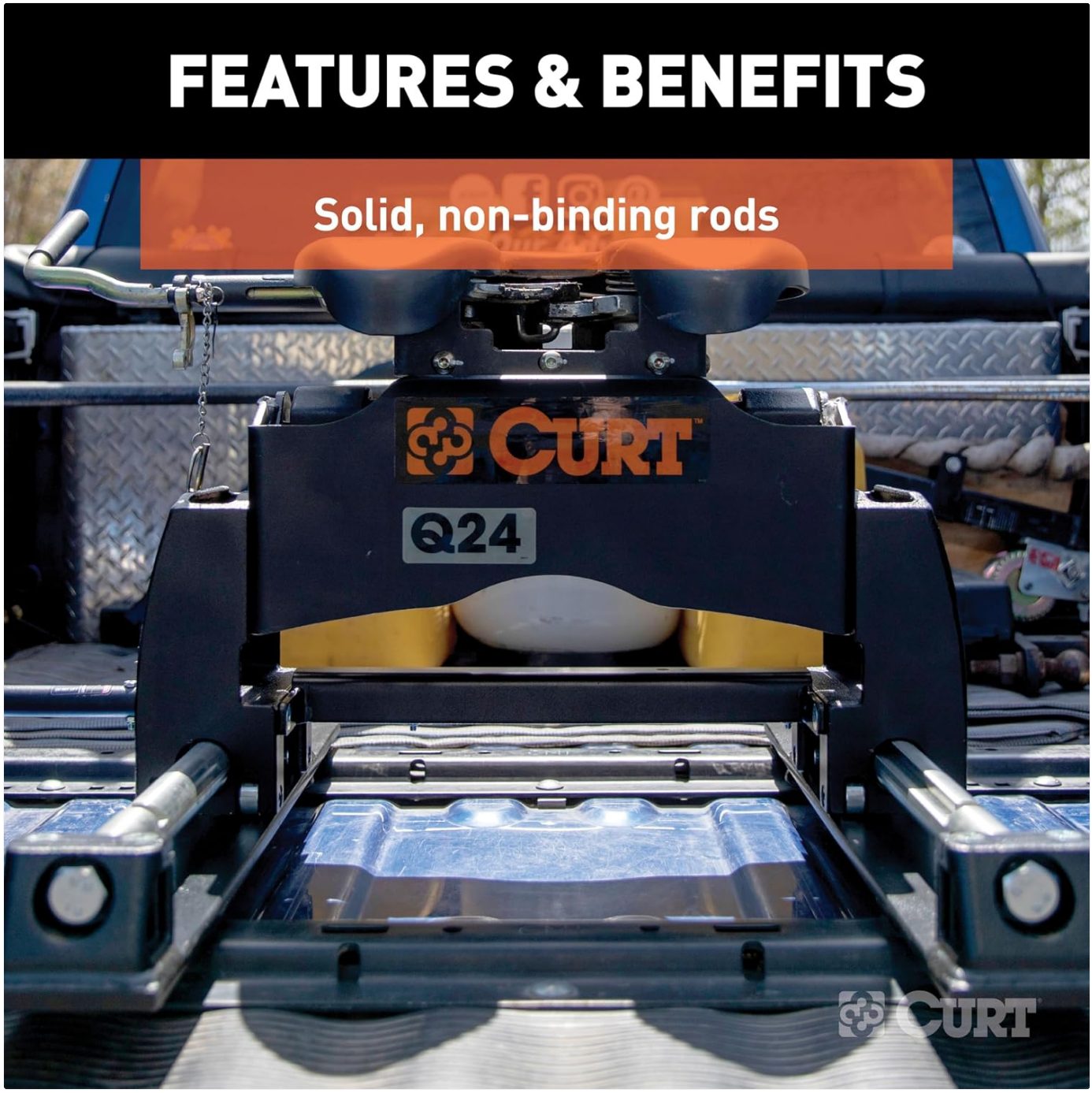


Image: The CURT R24 5th Wheel Roller designed to accept most CURT 5th wheel hitch heads, demonstrating compatibility.

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Video: An overview of the CURT 16570 R24 5th Wheel Slider for Short Bed Trucks, demonstrating its features and functionality for improved clearance.

Operating Instructions

The CURT R24 5th Wheel Roller allows you to adjust the position of your 5th wheel hitch head forward or rearward to provide additional clearance between your truck cab and the trailer during turns. This is particularly beneficial for short-bed trucks.

To Adjust the Roller Position:

1. Ensure the truck and trailer are on level ground and the trailer brakes are engaged.
2. Locate the operating handle on the side of the roller assembly.

3. Disengage the locking mechanism by pulling or lifting the handle, as per the specific design of your roller.
4. Smoothly slide the 5th wheel hitch head and roller assembly to the desired position (forward for towing straight, rearward for tight turns). The roller provides up to 12 inches of travel.
5. Once in the desired position, release the operating handle to engage the locking mechanism. Ensure the handle is fully seated and the roller is securely locked before moving the vehicle.

Always verify the roller is locked in position before driving. Never attempt to adjust the roller while the vehicle is in motion or under load.



Image: A user demonstrating the operation of the CURT R24 5th Wheel Roller, showing how the handle is used to adjust the hitch position for added clearance.



Image: The CURT R24 5th Wheel Roller in action, illustrating its capability to move the 5th wheel hitch rearward by 12 inches to provide essential clearance for tight turns.

Maintenance

Regular maintenance of your CURT 16570 R24 5th Wheel Roller is essential to ensure its longevity and safe operation. Follow these guidelines:

- **Inspection:** Before each use, visually inspect the roller assembly for any signs of wear, damage, loose fasteners, or corrosion. Pay close attention to the sliding rods, wheels, and locking mechanism.
- **Lubrication:** Periodically lubricate the sliding rods and any moving parts of the roller mechanism with a suitable grease or lubricant to ensure smooth operation and prevent binding. Consult the full installation manual for specific lubrication points and recommended products.
- **Cleaning:** Keep the roller assembly clean from dirt, debris, and road grime. A mild soap and water solution can be used, followed by thorough drying.
- **Fasteners:** Regularly check all bolts, nuts, and other fasteners for proper tightness. Re-torque any loose fasteners to the specifications outlined in the official installation manual.

- **Protective Coating:** The carbide powder coat provides excellent protection. If any areas show signs of chipping or damage, touch up with a rust-inhibiting paint to prevent corrosion.

Troubleshooting

If you encounter issues with your CURT 16570 R24 5th Wheel Roller, consider the following common troubleshooting steps:

- **Difficulty Sliding:**
  - Check for obstructions or debris on the sliding rods or within the mechanism.
  - Ensure the locking handle is fully disengaged.
  - Apply lubricant to the sliding rods and moving parts as per maintenance instructions.
  - Verify that the roller is not binding due to uneven mounting or damaged components.
- **Roller Not Locking:**
  - Ensure the roller is fully seated in one of the designated locking positions.
  - Check the locking handle and mechanism for any damage or obstructions preventing full engagement.
  - Inspect the locking pins or teeth for wear or damage.
- **Unusual Noises:**
  - Inspect for loose fasteners and tighten them to the specified torque.
  - Lubricate all moving parts.
  - Check for any contact between components that should not be touching.

If problems persist after attempting these steps, discontinue use and contact CURT customer support or a qualified technician.

Specifications

Specification	Detail
Model Number	16570
Item Type Name	R24 5th Wheel Roller for Short Bed Trucks
Towing Capacity	24,000 lbs. (Gross Trailer Weight)
Travel Distance	12 inches (forward and rearward)
Material	Carbide steel with powder coat finish
Item Weight	141 pounds
Vehicle Service Type	Pickup Trucks, Trailer, Trucks
Compatible Hitch Head	CURT Q24 5th wheel hitch head #16545 (and some competitive models)
Included Components	R24 5th Wheel Roller
UPC	612314165704



Image: Approximate dimensions of the CURT R24 5th Wheel Roller, indicating a length of 27-1/8 inches and a height of 11-3/4 inches.

Warranty

The CURT 16570 R24 5th Wheel Roller is backed by a Manufacturer Warranty. For specific details regarding coverage, duration, and terms, please refer to the warranty information provided with your product packaging or contact CURT customer support directly.

Additionally, purchases made through Amazon.com typically include a 30-day easy return policy, allowing for refunds or replacements within that period, subject to Amazon's terms and conditions.

Support

For further assistance, technical support, or to access additional resources, please use the following options:

- **Official Installation Manual:** A comprehensive PDF manual is available for downloadhere.

- **CURT Store:** Visit the official CURT store on Amazon for product information, accessories, and other CURT products: CURT Store.
- **Customer Service:** For direct support, please refer to the contact information provided in your product packaging or on the official CURT website.

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