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› CURT PowerRide 30K 5th Wheel Hitch Instruction Manual

## CURT 16320

# CURT PowerRide 30K 5th Wheel Hitch Instruction Manual

Model: 16320

Brand: CURT

## PRODUCT OVERVIEW

The CURT PowerRide 30K 5th wheel hitch provides a professional-grade solution for 5th wheel towing, designed for pickup trucks. It boasts a 30,000-pound gross trailer weight rating and a 7,500-pound vertical load limit, thoroughly tested to SAE J2638 specifications for safety. Key features include a cast head with multi-directional tilt for a smooth ride, an easy-to-use self-resetting handle, and enhanced portability with a one-pin head removal system. Installation requires no welding or fabricating, as it easily drops into any industry-standard 5th wheel rails.



Image: The CURT PowerRide 30K 5th Wheel Hitch, a robust towing solution for pickup trucks.

## SETUP AND INSTALLATION

The CURT PowerRide 30K 5th wheel hitch is designed for straightforward installation without the need for welding or fabricating. It is compatible with any industry-standard 5th wheel rails.

### Components Included:

- Hitch Head
- Hitch Legs

*Note: Rails and underbed mounting brackets are sold separately.*

### Installation Steps:

1. Ensure your truck bed is equipped with industry-standard 5th wheel rails.
2. Position the hitch legs onto the rails, aligning the mounting points.
3. Secure the hitch legs to the rails using the appropriate pins and fasteners.
4. Attach the hitch head to the legs, ensuring all connections are secure. The one-pin head removal system allows for easier handling during installation and removal.
5. Verify all connections are tight and the hitch is properly seated before use.

# PRO-GRADE TOWING

Professional-grade capacity  
with enhanced functionality



Image: The CURT PowerRide 30K 5th Wheel Hitch securely installed in a truck bed, ready for professional-grade towing.

# QUICK, EASY REMOVAL

Fast, one-pin head removal makes moving easy with smaller pieces



Image: A close-up view demonstrating the quick, one-pin head removal system for easier handling and relocation of the hitch.

## OPERATING INSTRUCTIONS

The PowerRide 30K 5th wheel hitch is designed for ease of use and reliable towing.

### Coupling and Uncoupling:

The hitch features a self-resetting handle that automatically resets the jaws to the ready-to-couple position after uncoupling. This streamlines the hookup process.

# SELF-RESETTING HANDLE

Ergonomic, self-resetting handle for easier use from the side of the truck



Image: A hand demonstrating the ergonomic, self-resetting handle, designed for easy operation from the side of the truck. A three-position coupling indicator provides clear visual feedback on the coupling status, ensuring a secure connection.

## Smooth Towing Experience:

The cast yoke head tilts in multiple directions, not just forward and backward, to promote a smooth and stable ride. Interlocking jaws fully wrap the kingpin attachment for enhanced security.

# SMOOTH RIDE

Built with a cast yoke and multi-directional head for smooth towing



Image: A view of the hitch in operation, highlighting its design for a smooth towing experience with a cast yoke and multi-directional head.

## MAINTENANCE GUIDELINES

Regular maintenance is crucial for the longevity and safe operation of your CURT PowerRide 30K 5th wheel hitch.

- **Lubrication:** The hitch features integrated wear plates for smooth operation, reducing the need for frequent greasing. However, always inspect these plates for wear and replace if necessary.
- **Inspection:** Periodically inspect all bolts, pins, and connections for tightness and signs of wear or damage. Ensure the self-resetting handle operates smoothly.
- **Cleaning:** Keep the hitch clean from dirt, debris, and corrosive materials. A durable black carbide powder coat finish provides protection against the elements.
- **Storage:** When not in use, store the hitch in a dry, protected area to prevent rust and corrosion. The one-pin head removal system allows for breaking down the hitch into smaller, easier-to-lift pieces for storage.

# INTEGRATED WEAR PLATES

Integrated plates for smooth operation, less wear and no grease



Image: A close-up of the integrated wear plates, designed for smooth operation and reduced maintenance.

## TROUBLESHOOTING

This section provides general guidance for common issues. For specific problems not listed here, or if you require further assistance, please contact CURT customer support.

### Common Issues:

- **Difficulty Coupling/Uncoupling:** Ensure the self-resetting handle is fully engaged or disengaged. Check for any obstructions around the kingpin or jaws. Verify the three-position coupling indicator is showing the correct status.
- **Excessive Play or Noise:** Inspect all mounting bolts and pins for tightness. Check the integrated wear plates for signs of excessive wear and replace if needed. Ensure the kingpin is not worn.

- **Hitch Movement in Truck Bed:** Verify that the hitch is properly secured to the industry-standard rails and that all rail fasteners are tightened according to the rail system's instructions.

## PRODUCT SPECIFICATIONS

| Feature                     | Specification                                       |
|-----------------------------|-----------------------------------------------------|
| Brand                       | CURT                                                |
| Model Number                | 16320                                               |
| Gross Trailer Weight Rating | 30,000 lbs                                          |
| Vertical Load Limit         | 7,500 lbs                                           |
| Item Weight                 | 152 Pounds                                          |
| Material                    | CAST STEEL                                          |
| Finish Type                 | DARK GREY TERIDIUM                                  |
| Safety Standard             | Tested to SAE J2638 specifications                  |
| Approximate Dimensions      | Height range: 13" to 17", Width: 31-1/8" (base 34") |

# APPROXIMATE DIMENSIONS

**30,000 lbs. gross trailer weight**

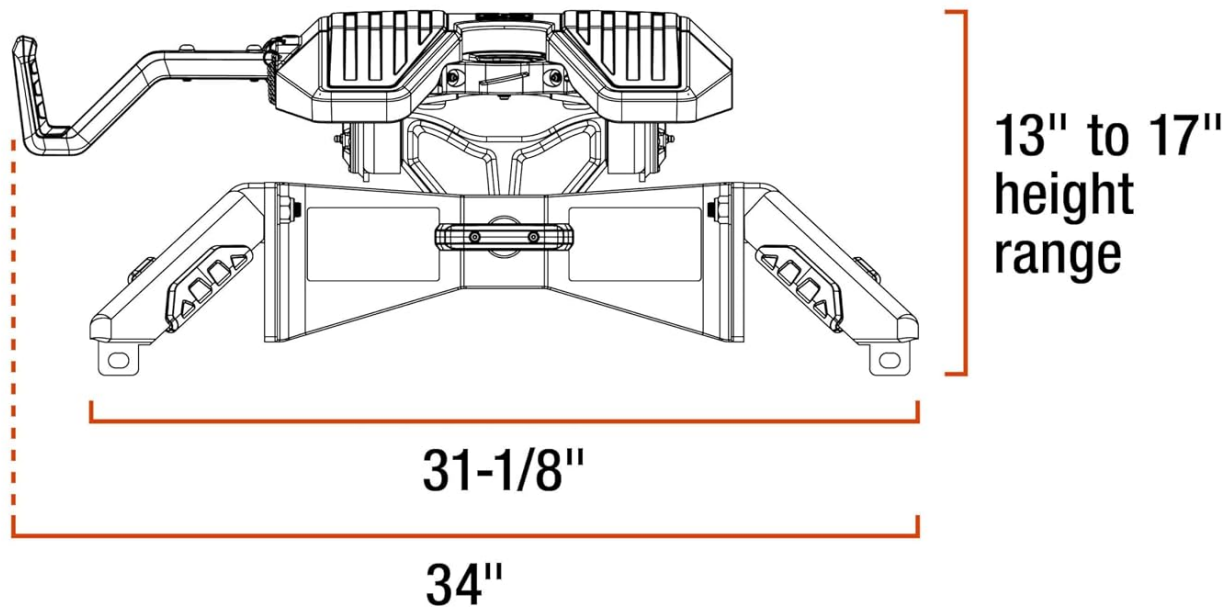


Image: Diagram showing the approximate dimensions of the hitch, including its 30,000 lbs gross trailer weight capacity.

## WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official CURT website or the documentation included with your product. CURT provides customer support for product inquiries and assistance.

You can typically find support contact information on the manufacturer's official website or through your point of purchase.

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**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**