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CURT 17125

CURT 17125 Weight Distribution Hitch Shank User Manual

Model: 17125 | Brand: CURT

1. INTRODUCTION AND OVERVIEW

The CURT 17125 Weight Distribution Hitch Shank is engineered for heavy-duty towing applications, providing a robust and adjustable connection for your weight distribution hitch. This replacement shank ensures reliable performance and precise leveling of your vehicle-trailer combination, enhancing towing stability and safety.



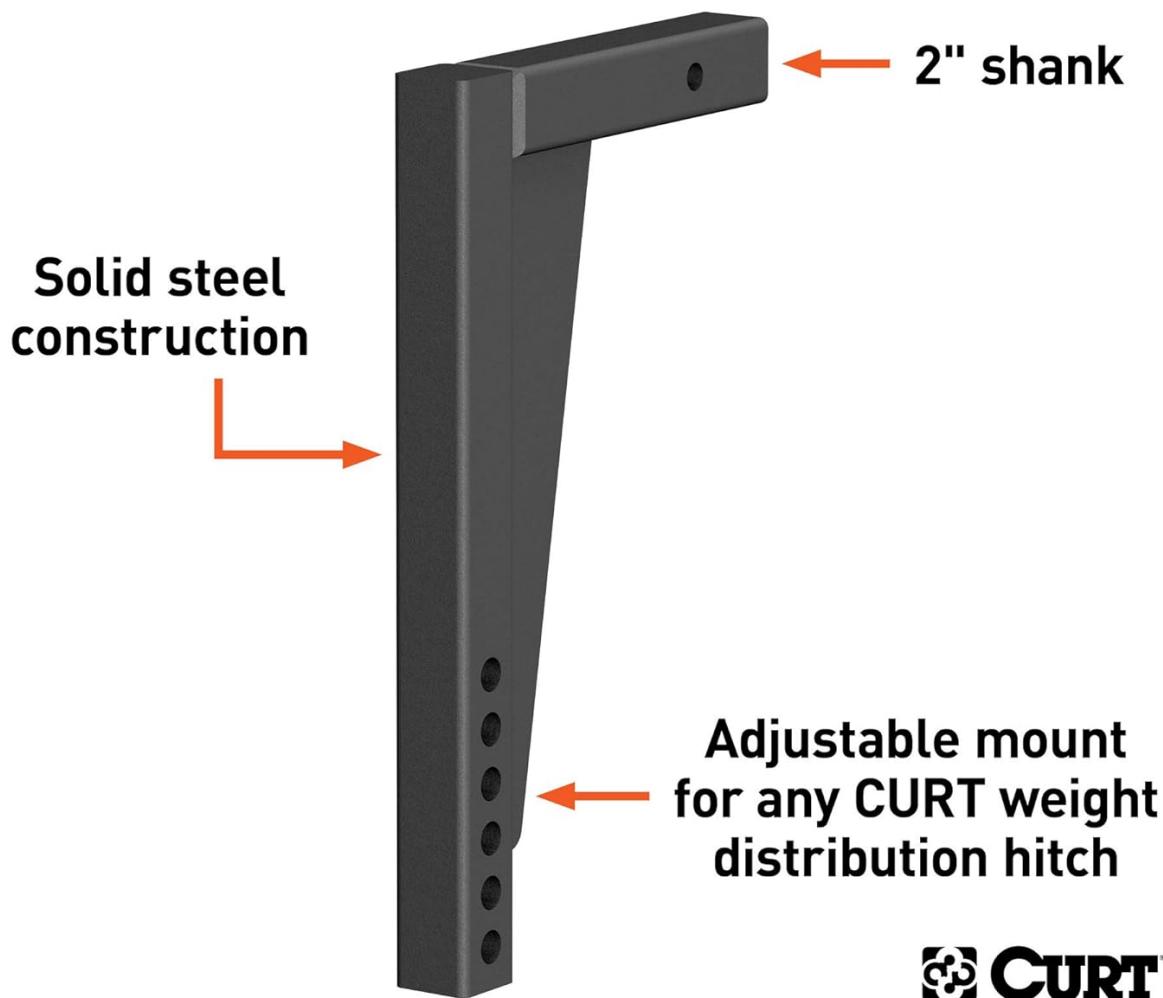


This image shows the CURT 17125 Weight Distribution Hitch Shank, a solid black steel component designed for connecting a weight distribution hitch to a vehicle's receiver.

2. PRODUCT FEATURES

- **Receiver Compatibility:** Fits 2-inch x 2-inch receiver tube openings with a 5/8-inch hitch pin hole.
- **Hitch Compatibility:** Compatible with any CURT weight distribution hitch.
- **Drop Position:** Provides a maximum drop of 14-1/2-inch. This shank is not designed for use in the rise position.
- **Adjustable Head Height:** Features multiple 3/4-inch diameter holes, spaced 1-1/4-inch from center to center, allowing for precise adjustment of the weight distribution head.
- **Durable Construction:** Constructed from solid steel for reliable strength and protected by a durable carbide black powder coat finish, offering excellent corrosion resistance.
- **Overall Dimensions:** Measures approximately 20-3/4-inch high x 12-inch long.

FEATURES & BENEFITS

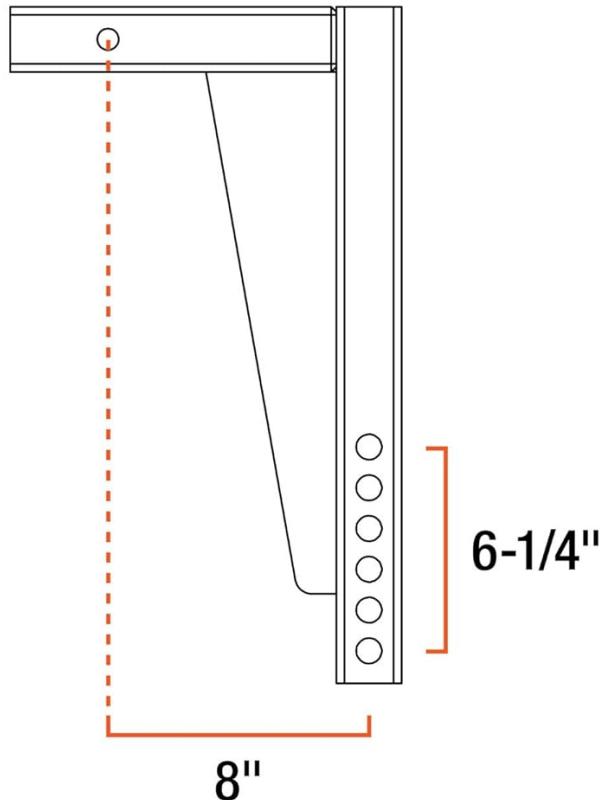


 **CURT**[®]

This diagram highlights the key features of the hitch shank, including its 2-inch shank, solid steel construction, and adjustable mount for CURT weight distribution hitches.

APPROXIMATE DIMENSIONS

Fits 2" receiver tubes



With WD head: 14-1/2" drop



A technical diagram illustrating the approximate dimensions of the hitch shank, including its 2-inch receiver fit, 8-inch length, and 6-1/4-inch vertical hole spacing, leading to a 14-1/2-inch drop with a weight distribution head.

3. SPECIFICATIONS

Specification	Detail
Brand	CURT
Model Number	17125
Item Weight	39 Pounds
Product Dimensions	21 x 12 x 2 inches
Material	Alloy Steel

Specification	Detail
Finish Type	Powder Coated (Carbide Black)
Receiver Size	2-inch x 2-inch
Hitch Pin Hole Diameter	5/8-inch
Vertical Hole Spacing	1-1/4-inch (center-to-center)
Vertical Hole Diameter	3/4-inch
Maximum Drop	14-1/2-inch

4. WHAT'S IN THE BOX

The CURT 17125 package includes the following components:

- One (1) CURT 17125 Weight Distribution Hitch Shank

5. SETUP AND INSTALLATION

The CURT 17125 Weight Distribution Hitch Shank is designed as a replacement or upgrade component for existing weight distribution systems. Proper installation is crucial for safe and effective towing. Always refer to the specific instructions provided with your weight distribution hitch for detailed assembly and adjustment procedures.

General Installation Guidelines:

1. **Receiver Insertion:** Insert the 2-inch square end of the hitch shank into your vehicle's 2-inch receiver tube opening. Secure it with a 5/8-inch hitch pin and clip (not included with shank).
2. **Weight Distribution Head Attachment:** Attach your CURT weight distribution head to the vertical portion of the shank. Align the mounting holes on the head with the desired adjustment holes on the shank.
3. **Height Adjustment:** Utilize the multiple 3/4-inch diameter holes on the vertical shank to achieve the correct height for your weight distribution system. The holes are spaced 1-1/4 inches center-to-center, allowing for fine-tuning. Ensure the trailer is level when connected to the vehicle.
4. **Secure Fasteners:** Tighten all bolts and fasteners according to the torque specifications provided in your weight distribution hitch manual.
5. **Final Check:** Before towing, perform a thorough inspection to ensure all connections are secure and the weight distribution system is properly adjusted.

Important Note: This shank is designed for a maximum drop of 14-1/2 inches and should not be used in the rise position. The overall weight capacity of your towing setup is limited by the lowest-rated component, including the spring bar capacity of your weight distribution hitch.







A side profile view of the CURT 17125 hitch shank, showing the series of vertical adjustment holes.

6. OPERATING

The CURT 17125 hitch shank functions as the primary connection point between your vehicle's receiver and the weight distribution hitch head. Once properly installed and adjusted, it facilitates the transfer of trailer tongue weight to all axles of the tow vehicle and trailer, promoting a level ride and improved handling.

Key Operational Considerations:

- **Proper Adjustment:** Ensure the weight distribution system is correctly adjusted to achieve a level vehicle and trailer. This involves setting the appropriate height of the hitch head using the shank's adjustment holes and tensioning the spring bars as per your weight distribution hitch manufacturer's instructions.
- **Regular Inspection:** Before each towing trip, visually inspect the hitch shank for any signs of wear, damage, or corrosion. Verify that all connections are tight and secure.
- **Weight Limits:** Always adhere to the weight ratings of your vehicle, trailer, and all towing components. The shank's capacity is limited by the lowest-rated component in your towing system.

7. MAINTENANCE

Regular maintenance of your CURT 17125 hitch shank will ensure its longevity and continued safe operation.

Maintenance Schedule:

- **After Each Use:** Clean the shank to remove dirt, road grime, and salt. A mild soap and water solution followed by a thorough rinse is recommended.
- **Periodic Inspection:** Regularly inspect the entire shank for any signs of rust, cracks, bends, or excessive wear, especially around the pin holes and welded areas.
- **Finish Protection:** The powder coat finish provides excellent protection against corrosion. If the finish becomes chipped or scratched, touch up with a rust-inhibiting paint to prevent rust formation.
- **Storage:** When not in use, store the hitch shank in a dry environment to minimize exposure to moisture and corrosive elements.





An angled view of the CURT 17125 hitch shank, emphasizing its robust construction and the powder-coated finish.

8. TROUBLESHOOTING

While the CURT 17125 hitch shank is a passive component, issues related to its use typically stem from improper installation or compatibility with other towing components. Here are some general troubleshooting tips:

Common Issues and Solutions:

- **Trailer Not Level:**

- Ensure the hitch head is adjusted to the correct height using the multiple holes on the shank. Refer to your weight distribution hitch manual for proper leveling procedures.
- Verify that the spring bars are properly tensioned.

- **Excessive Play/Movement:**

- Check that the hitch pin securing the shank to the receiver is correctly installed and that there is no excessive wear in the receiver or shank pin holes.
- Ensure all bolts connecting the weight distribution head to the shank are tightened to the manufacturer's specifications.

- **Corrosion/Rust:**

- Clean the affected area and apply a rust-inhibiting primer and paint to prevent further spread.
- Store the shank in a dry environment when not in use.

If you encounter persistent issues or suspect a defect with the product, discontinue use and contact CURT customer support or a qualified towing professional.

9. WARRANTY AND SUPPORT

For information regarding the warranty of your CURT 17125 Weight Distribution Hitch Shank, please refer to the warranty documentation included with your purchase or visit the official CURT website. CURT stands behind the quality of its products.

For additional support, technical assistance, or to download the official user manual in PDF format, please visit the CURT website or use the link below:

Official User Manual (PDF): [Download PDF](#)

For direct inquiries, please contact CURT customer service through their official channels.