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> [CURT 114993 Class 1 Trailer Hitch Instruction Manual for Infiniti G25, G35, G37](#)

CURT 114993

CURT 114993 Class 1 Trailer Hitch Instruction Manual

For Infiniti G25, G35, G37 Models

1. PRODUCT OVERVIEW

The CURT 114993 Class 1 Trailer Hitch is designed to provide a reliable towing solution for select Infiniti G25, G35, and G37 vehicles. This hitch integrates with the vehicle's frame, offering a 1-1/4 inch x 1-1/4 inch receiver for various towing and accessory applications. It is constructed with a durable dual-coat finish for enhanced rust resistance.



Figure 1.1: The CURT 114993 Class 1 Trailer Hitch, including the receiver and ball mount.

2. KEY FEATURES

- **Dependable Strength:** Constructed from welded steel, this Class 1 hitch is rated for a maximum gross trailer weight (GTW) of 2,000 lbs and a maximum tongue weight (TW) of 200 lbs. Always ensure that the towing capacity does not exceed the lowest-rated component in your towing setup.
- **Versatile Receiver:** Features a standard 1-1/4 inch x 1-1/4 inch receiver opening, suitable for attaching the included ball mount or other hitch-mounted accessories.
- **Dual-Coat Finish:** The hitch undergoes a co-cured finishing process, including immersion in a liquid A-coat and a durable black powder coat, providing resistance against rust, chips, and UV exposure.
- **Vehicle-Specific Design:** Engineered for a custom fit on specific model years of the Infiniti G25, G35, and G37, ensuring optimal integration and performance.
- **Safety Tested:** Each CURT Class 1 trailer hitch design is thoroughly tested to SAE J684 specifications under real-world conditions to ensure safety and reliability.

FEATURES & BENEFITS

Representative Image

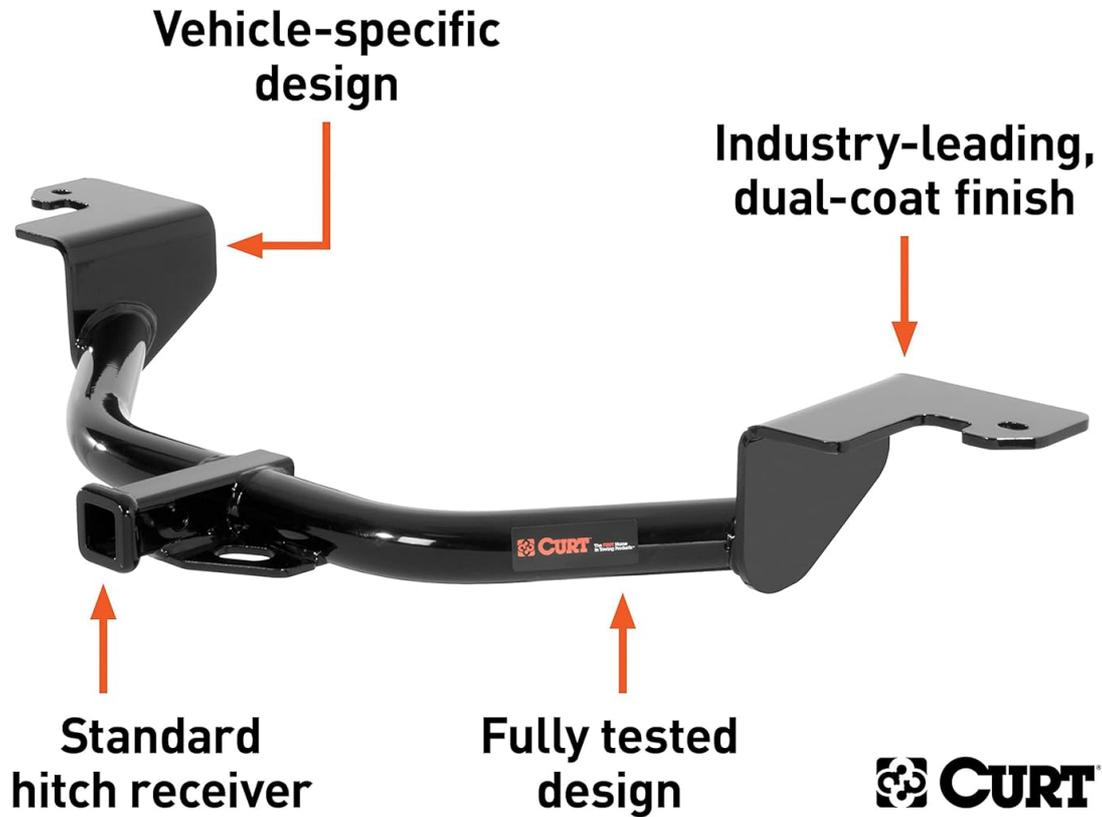
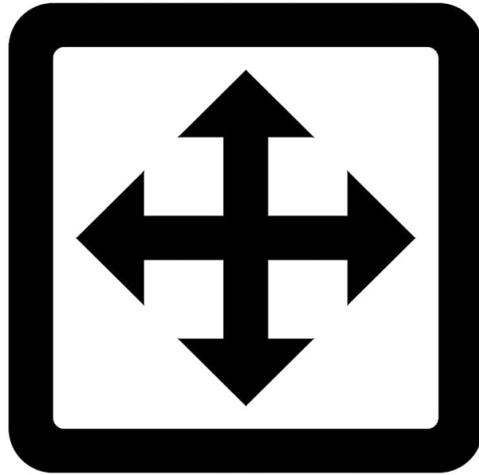


Figure 2.1: Overview of the CURT hitch design and its key attributes.

RECEIVER TUBE SIZE



1 1/4"



Figure 2.2: The 1-1/4 inch receiver tube size.

FEATURES & BENEFITS

Industry-leading, dual-coat finish



Figure 2.3: The dual-coat finishing process for enhanced durability.

FEATURES & BENEFITS

Fully tested design



Figure 2.4: The CURT hitch undergoing performance and safety testing.

3. SETUP AND INSTALLATION

Installation of the CURT 114993 trailer hitch requires specific tools and adherence to the detailed instructions provided by CURT. It is recommended to consult the official CURT installation guide or a professional installer for precise steps.

3.1 Vehicle-Specific Fitment

This hitch is designed for a custom fit on select model years of the Infiniti G25, G35, and G37. Before installation, verify compatibility with your specific vehicle model and year. Some installations may require minor modifications, such as trimming of the bumper fascia or removal of existing components.

3.2 General Installation Steps

1. **Preparation:** Park the vehicle on a level surface and engage the parking brake. Gather all necessary tools and safety equipment.
2. **Access:** Depending on your vehicle, it may be necessary to lower the exhaust, remove underbody panels, or trim the bumper fascia to gain access to the frame mounting points.
3. **Mounting:** Position the hitch assembly against the vehicle's frame. Align the mounting holes on the hitch with the existing holes or pilot holes in the vehicle's frame.

4. **Secure Hardware:** Install the provided hardware (bolts, washers, nuts) as per the manufacturer's instructions. Ensure all fasteners are tightened to the specified torque settings. *Note: Some installations may require reusing existing vehicle bolts; ensure these are of adequate length and strength for use with the hitch.*
5. **Final Checks:** Reinstall any removed components. Verify that the hitch is securely mounted and all connections are tight.



Figure 3.1: The CURT hitch installed discreetly under a vehicle's bumper.

4. OPERATING INSTRUCTIONS

Once installed, the CURT 114993 hitch allows for the attachment of various towing accessories. Always ensure proper connection and adherence to weight limits for safe operation.

4.1 Connecting a Trailer or Accessory

1. **Insert Ball Mount:** Slide the included ball mount into the 1-1/4 inch receiver tube. Secure it with the provided hitch pin and clip.
2. **Attach Trailer Ball:** If towing a trailer, attach a trailer ball (not included) of the appropriate size to the ball mount.
3. **Connect Trailer:** Lower the trailer coupler onto the trailer ball and secure it.
4. **Safety Chains:** Cross the trailer's safety chains beneath the coupler and attach them to the safety chain loops on the hitch.
5. **Electrical Connections:** Connect any necessary trailer wiring to your vehicle's electrical system (wiring harness sold separately).



Figure 4.1: The CURT hitch with ball mount and safety chains properly connected.

4.2 Weight Capacity

The CURT 114993 Class 1 hitch has a maximum Gross Trailer Weight (GTW) of 2,000 lbs and a maximum Tongue Weight (TW) of 200 lbs. It is crucial to never exceed these ratings or the towing capacity of your vehicle, whichever is lower. Overloading can lead to unsafe driving conditions and damage to your vehicle or hitch.

4.3 Accessory Compatibility

This 1-1/4 inch receiver is compatible with a variety of hitch-mounted accessories, including cargo carriers and bike racks. However, it is not compatible with vertical hanging bike racks that require bikes to be mounted vertically. Always verify the compatibility of your accessory with a Class 1, 1-1/4 inch receiver.

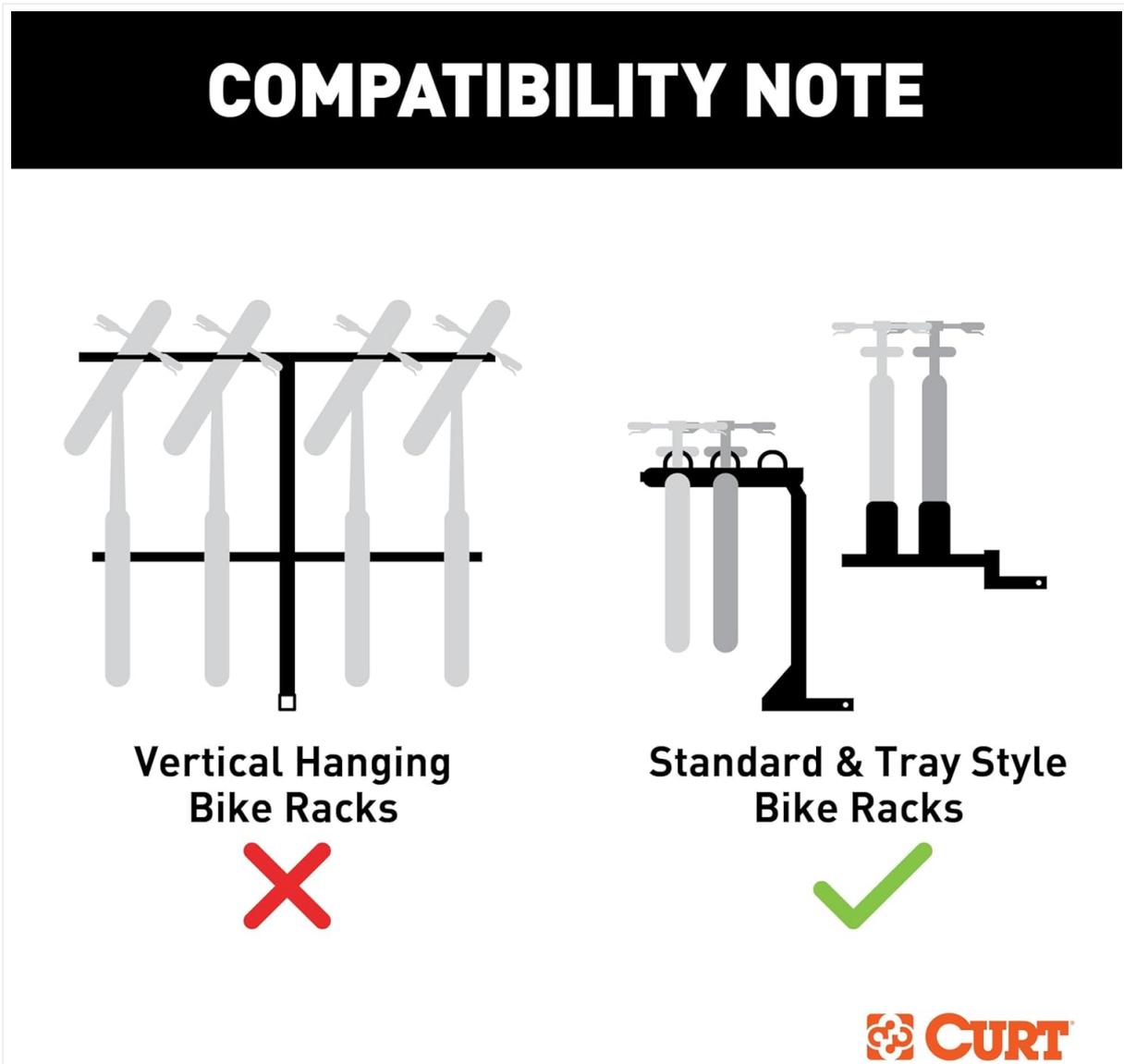


Figure 4.2: Compatibility guide for different types of bike racks with the CURT hitch.



Figure 4.3: Vehicle equipped with a CURT hitch and cargo carrier.



Figure 4.4: Vehicle equipped with a CURT hitch and bike rack.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your CURT trailer hitch.

- **Periodic Inspection:** Regularly inspect the hitch for any signs of wear, damage, or corrosion. Check all bolts and fasteners to ensure they remain tight.
- **Cleaning:** Keep the receiver tube free of dirt, debris, and moisture. The open-back receiver design facilitates easy cleaning.
- **Rust Prevention:** While the hitch features a dual-coat finish for rust resistance, periodic cleaning and application of a rust-inhibiting spray can further protect exposed areas, especially in harsh weather conditions.
- **Lubrication:** Lubricate the hitch pin and clip, as well as any moving parts on your ball mount or accessories, to prevent seizing and ensure smooth operation.

6. TROUBLESHOOTING

This section addresses common issues that may arise during installation or use of the CURT 114993 trailer hitch.

6.1 Installation Difficulties

- **Hitch Does Not Fit:** Double-check the product's compatibility with your exact vehicle make, model, and year. Ensure all necessary vehicle components (e.g., exhaust hangers, underbody panels) have been temporarily removed or adjusted as per the installation guide.
- **Missing or Incorrect Hardware:** Verify that all hardware listed in the official CURT installation instructions is present. If hardware is missing or appears incorrect (e.g., bolts too short), contact CURT customer support for assistance. Do not attempt to use inadequate hardware.
- **Difficulty Aligning Holes:** Ensure the hitch is properly supported and aligned. Slight adjustments to the vehicle's exhaust or other components may be necessary. Do not force bolts, as this can damage threads.

6.2 Operational Concerns

- **Excessive Sway or Noise:** Ensure the trailer ball is correctly sized for the coupler and that the coupler is properly latched. Verify that the tongue weight is within the recommended range (200 lbs max). Check for loose connections or worn components on both the hitch and trailer.
- **Corrosion:** Despite the protective finish, prolonged exposure to harsh elements without cleaning can lead to corrosion. Refer to the Maintenance section for prevention tips.

7. SPECIFICATIONS

| Specification | Detail |
|----------------------------|-------------------------|
| Model Number | 114993 |
| Hitch Class | Class 1 |
| Receiver Size | 1-1/4 inch x 1-1/4 inch |
| Gross Trailer Weight (GTW) | 2,000 lbs |
| Tongue Weight (TW) | 200 lbs |
| Material | Carbon Steel |
| Finish Type | Gloss Black Powder Coat |
| Item Weight | 18.9 Pounds |
| Product Dimensions | 14 x 14 x 15 inches |

8. WARRANTY AND SUPPORT

CURT products are backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official CURT website or contact their customer service department directly. Ensure you have your product model number (114993) and proof of purchase available when contacting support.

Manufacturer: CURT

Website: www.curtmfg.com