

INSTALLATION MANUAL

16994

Level of Difficulty

Moderate

Weight Capacity

Gross trailer weight (GTW)	20,000 lbs.
Vertical load	5,000 lbs.

Parts List

Item	Qty	Description
1	1	Wedge
2	2	Hex bolt, 3/4"
3	2	Flat washer, 3/4"

Tools Required

Ratchet	Torque wrench
Socket set	--

Torque Specifications

3/4" bolt	Refer to pinbox instructions
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Use above torque setting unless otherwise noted

Product Registration

CURT stands behind our products with industry-leading warranties. Provide feedback and help us to improve our products by registering your purchase at: warranty.curtgroup.com/surveys

NOTICE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

⚠ DANGER ZONE PRECAUTIONS

Block all trailer tires in front and behind with appropriate wheel chocks. Do not substitute objects such as, but not limited to: stones, wood blocks, etc. Front trailer lifting jacks must be supporting the trailer and resting on a firm and level surface.

Towing vehicle must be stationary with automatic transmission in park (manual in neutral), emergency brake applied and engine off.

⚠ WARNING

Fully instruct and demonstrate the operation of this 5th wheel hitch to the end user. Include the importance of observing all warnings contained herein, including warning labels on 5th wheel hitch main body. Provide this manual in its entirety to the end user. Serious injury or death may result if the warnings above are not observed.

Do not expose hands, body parts or clothing between the truck and trailer or the truck's bed sides and trailer. If you must place any part of your body under trailer or between truck and trailer, you must:

1. Block all trailer tires with wheel chocks.
2. Make sure trailer landing gear / jacks are resting on a firm, level surface.
3. Towing vehicle must be stationary with auto transmission in park (manual in neutral), emergency brake applied and engine off.

Never exceed the towing capacity (trailer and contents combined) of any towing system component or your vehicle.

Improperly coupled trailers can separate or drop without notice, causing serious injury or death. To reduce the chance of serious injury or death:

Never attempt to couple trailer without reading and following all instructions thoroughly.

Always follow operating instructions to secure trailer to tow vehicle. Make sure the hitch is secure before towing.

Prior to towing, ensure all components and hardware are structurally sound and secure.

Always chock the trailer to prevent movement while coupling the hitch.

Always ensure lynch pins are installed through handle before towing.

Always perform a pull test prior to towing. See 'pull test' later in this instruction manual.

Never position anyone under the trailer's kingpin area during coupling and uncoupling.

Do not torque upper M20 head pivot bolt (#6). The nut is designed to only make contact but not apply clamping force. If bolt is torqued it could cause bolt to fail causing hitch separation during use leading to severe injury or death. If hitch head appears loose the 20mm bolt can be removed and inspected for damage if any cracks or damage is visible immediately discontinue use of hitch.

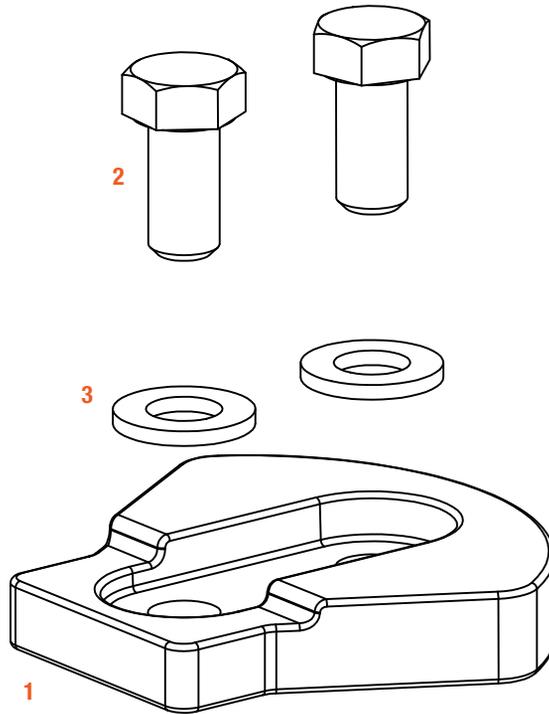
Product Photo



ASSEMBLY

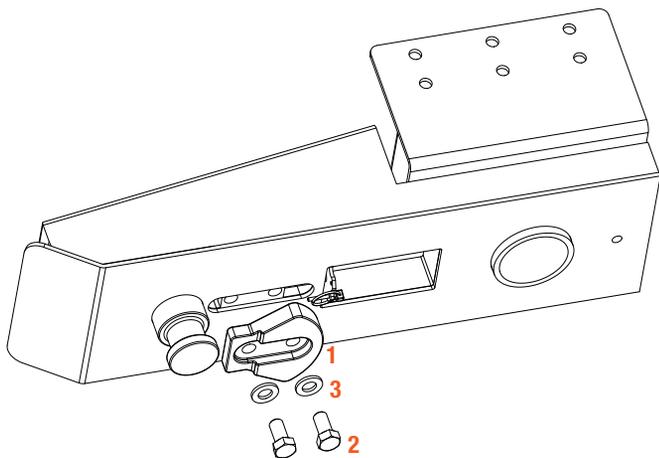
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Step 1

Insert the hex bolts (#2) through the washers (#3) and the wedge plate (#1) as shown below.



Step 2

Follow the pin box manufacturer's instructions for wedge adjustment. Torque the hex bolts according to the pin box manufacturer's instructions.

⚠ WARNING

Make sure all locking bolts are removed from pin box prior to coupling and using. Failure to remove the locking bolts will prevent the trailer from rotating and may cause vehicle and hitch damage or injury.

⚠ WARNING

Check the torque of the hex bolts (according to pin box manufacturer's specifications) before each use and every 1,000 miles. Failure to do so may allow bolts to become loose causing vehicle and hitch damage or injury