

INSTALLATION MANUAL

16028

Level of Difficulty

Easy

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Weight Carrying Capacity

Gross trailer weight (GTW)	30,000 lbs.
Vertical load	7,000 lbs.

Parts List

Item	Qty	Description
1	1	Leg assembly, passenger side
2	1	Leg assembly, driver side
3	1	Cross support weldment
4	4	Hex bolt, M14 x 75, CL 8.8
5	4	Flat washer, M14
6	4	Nylock nut, M14

Tools Required

Torque wrench	Socket set
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NOTICE

Visit www.curtmfg.com for a full-color copy of this instruction manual, as well as helpful videos, guides and much more!

Before you begin installation, read all instructions thoroughly.

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

Periodic inspection of your product should be performed to ensure all hardware and / or components remain secure.

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

Product Registration and Warranty

CURT stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: warranty.curtgroup.com/surveys

⚠ 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 and center pivot pin before towing.

Always keep hands clear of the 5th wheel jaws when operating the handle.

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.

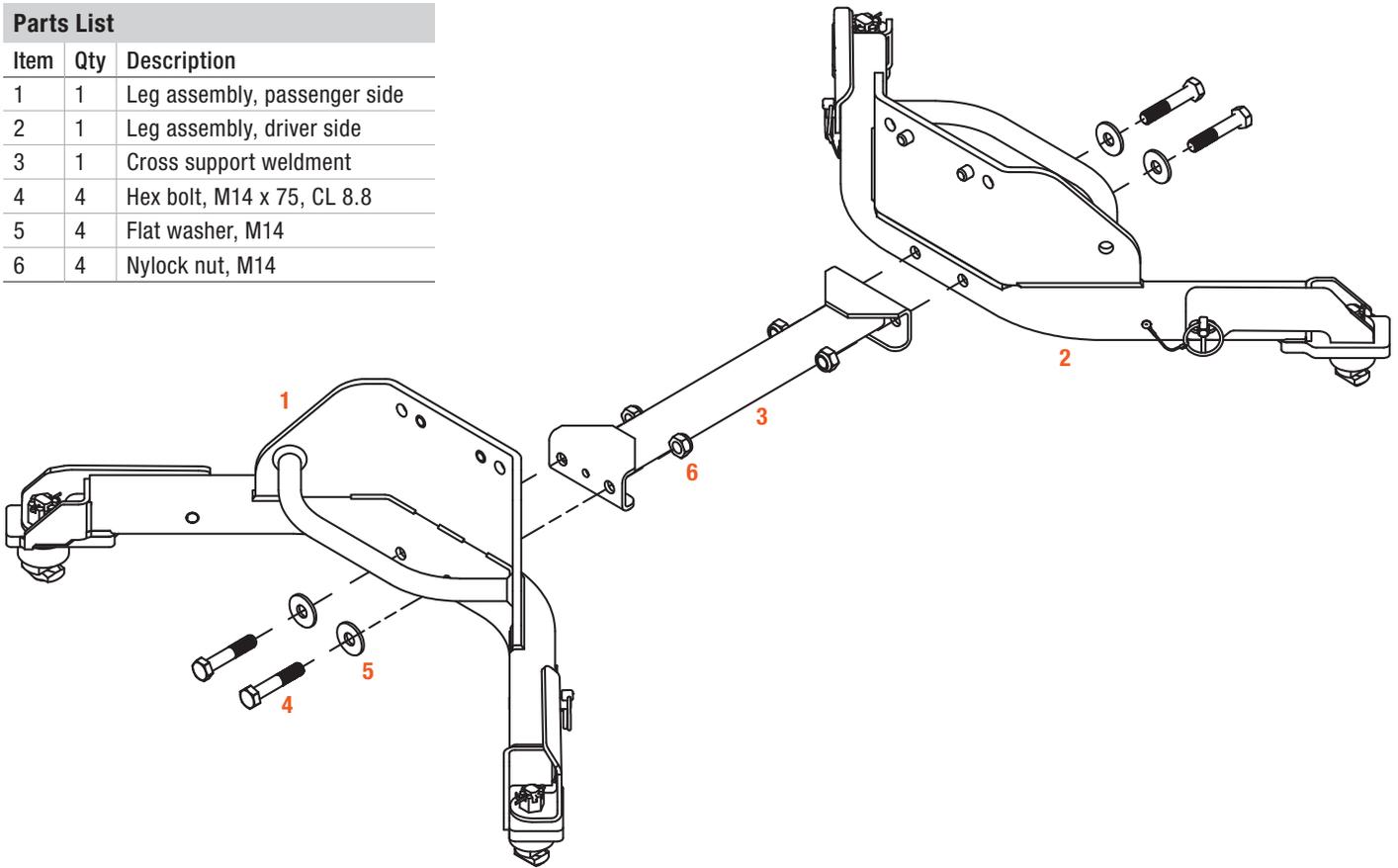
Product Photo



ASSEMBLY

Parts List

Item	Qty	Description
1	1	Leg assembly, passenger side
2	1	Leg assembly, driver side
3	1	Cross support weldment
4	4	Hex bolt, M14 x 75, CL 8.8
5	4	Flat washer, M14
6	4	Nylock nut, M14



Step 1

Prepare the 5th wheel head unit for installation by locating the hardware package containing four M14 hex bolts and flat washers.

The 5th wheel legs are compatible with 30K 5th wheel heads.

Step 2

Select a set of mounting holes that will allow sufficient clearance between the 5th wheel trailer and the sides of the tow vehicle. Begin assembling the legs to the 5th wheel hitch head using the M14 bolts and M14 washers (provided with the 5th wheel head unit) through the selected mounting holes and loosely secure them with the nylock nuts (provided in the 5th wheel head unit).

Note: Position the leg assembly with the operating instruction label on the driver side of the tow vehicle. The large locking feet on the Ram 5th wheel legs will match the large rear mounts in the truck bed.

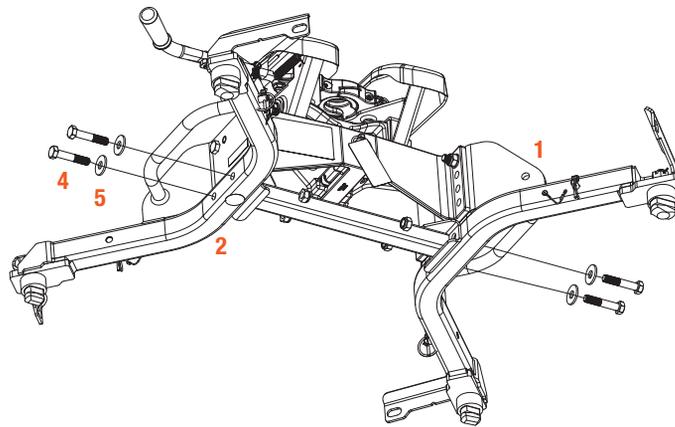
TOWING BASICS & SAFETY INFORMATION

For information on safely towing your trailer, visit curtmfg.com/understanding-towing.

Step 3

With the legs in position, locate the cross support weldment (#3). Loosely attach the cross support between the two leg assemblies (#1, #2) with the provided M14 hex bolts (#4), and flat washers (#5).

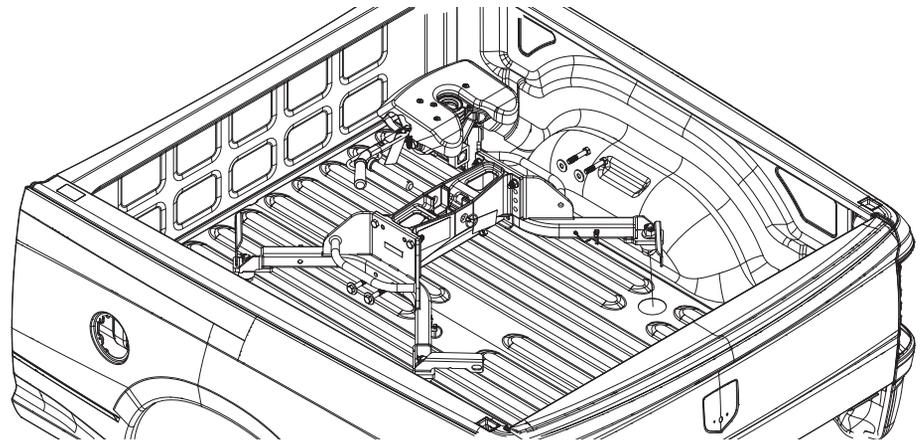
Note: For easier install the pin and head can be removed while installing into bed of truck.



Step 4

Remove the four lynch pins securing the locking handles to the legs. Swing all four handles completely open and lower the legs into position in the bed of the truck.

Ensure all four locking bolts and spacers drop into the mounting holes before attempting to close the handles.



Step 5

With the 5th wheel legs in position, torque all eight M14 bolts to 100 ft-lbs. Re-install the 5th wheel head if it was removed to ease installation.

Step 6

With the legs secured and positioned in truck bed mounts, rotate the handles back to the closed position. Secure the handles by re-inserting all four lynch pins. **Note:** Slight resistance should be felt as the handles are rotated closed. If the handle will not close with moderate pressure, adjustments must be made to the locking T-bolt; see 'T-bolt Adjustment'.

WARNING

Forcing the handle closed may damage the locking bolt and handle, possibly resulting in trailer detachment.

Step 7

Confirm all four locking bolts are engaged in the truck bed mounts and the castle nuts are secured with the cotter pins. Double check to ensure all four handles are securely locked with the lynch pins. The 5th wheel legs are now installed and ready for use.

T-Bolt Adjustment

The locking T-bolts are pre-installed to ease installation. Due to possible variation in the truck's mounting locations, some adjustments may be required. If one or more of the locking handles will not close, begin adjustment by removing the cotter pin securing the castle nut above the handle. See figure below.

Next, loosen the castle nut 1/4-turn while pressing down on the T-bolt. Reattempt to close the locking handle. If the handle closes, re-secure the castle nut with the removed cotter pin. If the handle does not close, loosen the castle nut 1/4-turn while pressing down on the T-bolt and reattempt to close the locking handle.

