



INSTALLATION MANUAL

25050

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.
Tongue weight (TW)	7,500 lbs.

Parts List

Item	Qty	Description
1	1	30K Rocker gooseneck coupler
2	1	Hex bolt, 1"-8 x 5-1/2", Grade 8
3	1	Top lock nut, 1"
4	2	Flat washer, 1"
5	1	Hex bolt, 3/4"-10 x 1-1/4", Grade 5
6	1	Concave washer, 3/4"

Tools Required

Socket, 1-1/2"	Wrench, 1-1/2"
Socket, 1-1/8"	Torque wrench

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

Maintenance

Keep ball pocket and mechanism clean.

The following procedures should be performed at least annually:

- Check hardware torque
- Grease ball pocket
- Oil pivot points with SAE 30 wt. motor oil
- Apply grease to pivot pin

⚠ DANGER

Keep at least 6" around the coupler free from obstructions and loose objects during towing. Failure to do so could result in loss of attachment between the truck and trailer, serious injury or death.

⚠ WARNING

Never exceed the vehicle manufacturer's recommended towing capacity.

Product Photo



Label shipped loose

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.

Before mounting the coupler confirm that there will be no interference from the tow vehicle, tongue, ground, and any other mounted accessories while stationary or in motion. The set bolts(s) must be facing the towing vehicle.

Before installing, check for interference in extended and retracted positions. Check for interference again after installation is complete.

Weld size, gusseting requirements, coupler height, and orientation are dependent on trailer design and customer requirements, however, the outer tube must be supported completely by attaching gussets as low as possible to the outer tube.

Avoid heat damage to coupler during welding, and do not weld over or near any holes or hardware on the coupler.

All welding must be performed by an AWS certified welder. The outer tube must be rigidly attached to the trailer in order for the coupler to support its maximum rated load according to SAE J2638.

Coupler must remain vertical after installation to ensure proper operation.

After installation, check to make sure that coupler operation has not been impaired in any way.

Do not use coupler if its operation has been impaired.

After assembly and painting, but prior to being used, any enclosed labels must be affixed to the coupler.

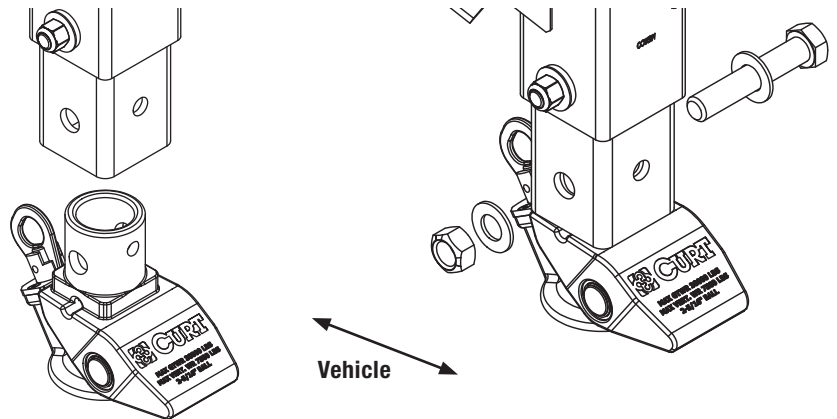
INSTALLATION

Step 1

Align the coupler with the mounting tube.

Insert the 1" hex bolt and washer through one side of the mounting tube and secure to the mounting tube using a washer and a top lock nut.

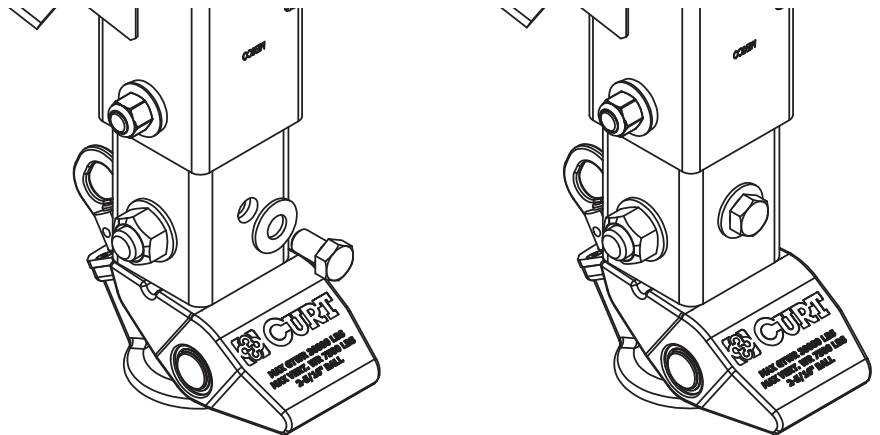
Note: Inner tube and coupler can be mounted as shown or rotated 180 degrees



Step 2

Install the 3/4" hex bolt and concave washer into the threaded hole through the front surface of the mounting tube

Torque 1" hardware to 400 ft-lbs and 3/4" hardware to 300 ft-lbs.



Step 3

Install the labels after powder coating as shown.

⚠ WARNING

Rotate handle to locked position to secure ball to coupler

before moving trailer.

Ensure the bale pin is closed before use.

