

INSTALLATION MANUAL

60654

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	Trailer ball assembly
2	1	Gooseneck hitch cap
3	2	Shoulder bolt, M6 x 11, 12mm
4	2	Shank adaptor
5	1	Carry Case

Tools Required

Allen key, 4mm	--
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Torque Specifications

M6 bolt	6 ft-lbs.
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Use above torque setting unless otherwise noted

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

⚠ WARNING

Make sure the trailer ball assembly fully seats in the gooseneck and can be fully locked by the pins of your gooseneck hitch.

Use of any pin other than what is provided by the manufacturer could be a serious safety hazard and will void the warranty.

Ensure that the safety chains operate freely around the trailer ball system and do not become entangled in the trailer ball system. Check for adequate turning clearance between the front of all trailers and the truck cab.

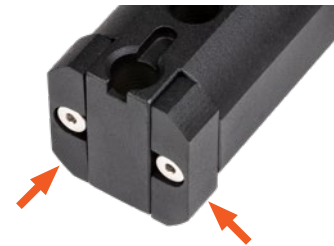
If the ball is ever able to move with minimal force by hand more than five degrees from the vertical position, the product must be replaced. Use of a heavily worn or damaged trailer ball assembly may result in the trailer becoming separated from the vehicle. Consult CURT Product Support if you have any questions.

Before every use, be sure the snap ring on the pivot pin of the trailer ball assembly is in place and properly seated.



Immediately discontinue product use if the snap ring is missing on the end of the trailer ball pivot pin or if the trailer ball pin has backed partially out of the trailer ball assembly.

When using the trailer ball assembly in a gooseneck designed for square shank hitches, ensure that the shank adaptors are installed and hardware is tightened.



Product Photo



ASSEMBLY

Parts List

Item	Qty	Description
1	1	Trailer ball assembly
2	1	Gooseneck hitch cap
3	2	Shoulder bolt, M6 x 11, 12mm
4	2	Shank adaptor
5	1	Carry Case

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.

Insert the RockerBall™ assembly with the directional arrow pointing towards the front of the vehicle. If the arrow is facing the rear of the vehicle the performance of the RockerBall™ will be diminished.

RockerBall™ should be greased prior to initial use and periodically as described below

Ensure the trailer ball size matches the trailer coupler. If they do not, the trailer could become uncoupled.

Step 1

Disengage the lock pins and remove ball or any other accessory. Place the round shank of the ball into the cylinder with the directional arrow pointing towards the front of the vehicle and engage the lock pins. Make sure that the pins fully engage the round shank of the extender and pass through the cylinder completely.

NOTICE

When installing in a gooseneck designed for square shank hitches, ensure that the shank adaptors (#4) are installed and hardware is tightened to the torque specifications listed on page one.



Step 2

Grease the trailer ball assembly (#1) using the grease zerk located at the front of the RockerBall™. Grease prior to initial use and once every 3 months or 3,000 miles of use with a high quality molybdenum-based grease.

⚠ DANGER

Failure to grease the trailer ball assembly may lead to failure and can result in serious injury or death.

The RockerBall™ is adequately lubricated when grease can be seen in the areas marked below.

