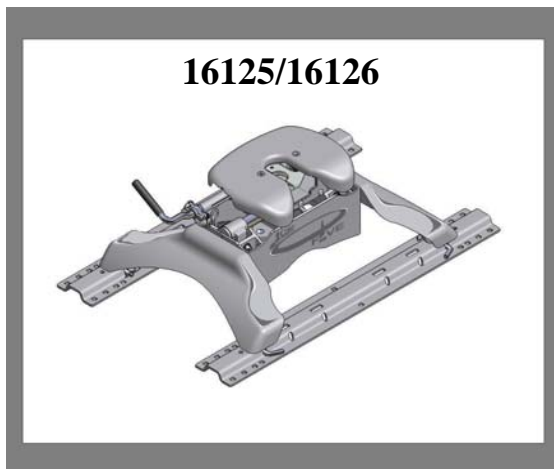


Q5 5th Wheel



Unpacking – Assembly / Installation



Installer: Read and understand this manual. Fully instruct and demonstrate the operation of this 5th Wheel Hitch to the End-User. Include the importance of observing all warnings contained herein to include warning labels on 5th Wheel Hitch Mid-Section. **Provide this manual in its entirety to the End-User.**

WARNING: To avoid serious injury, do not expose hands, body parts, or clothing between the truck and trailer or the truck's bed sides and trailer. Extreme care should be observed to avoid serious injury to self, property, and observers.

NEVER POSITION YOURSELF OR OTHERS UNDER THE TRAILER'S KINGPIN AREA DURING COUPLING AND UNCOUPLING. SERIOUS INJURY OR DEATH MAY RESULT IF THE WARNING ABOVE IS NOT OBSERVED.



Unpacking	Page(s) 1, 2
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**WARNING: Read and understand Instructions before use.
DO NOT EXCEED YOUR VEHICLE'S RATED TOWING
CAPACITY**

*****UNPACKING*****

Your Q5 5th Wheel has been partially assembled, inspected and tested for fit, function and completeness.

The Q5 5th Wheel is an engineered unit that has been designed and tested at the rating of 20,000 lb (Trailer GVW).

Years of trouble-free service may be achieved by adhering to a few simple maintenance points.

Unpacking:

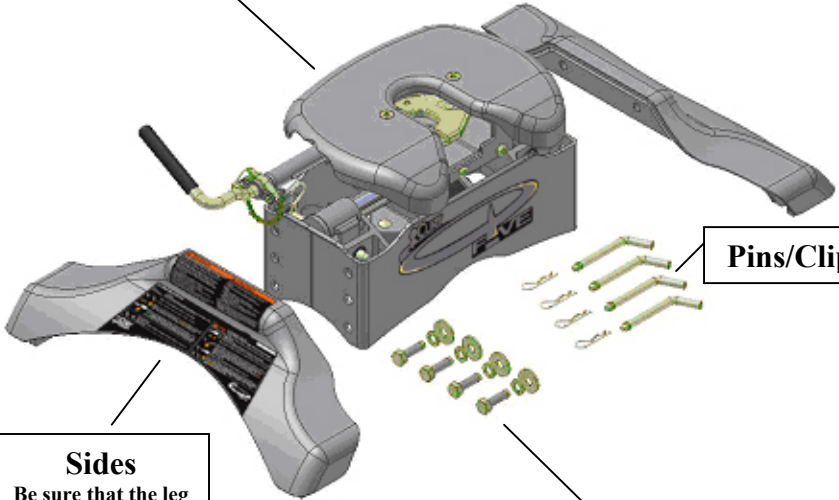
The Q5 5th Wheel is packed in one reusable box.

Contents will include: **See Page 2**

1. The Q5 5th Wheel Head assembled to the Mid-Section.
2. Two unattached Sides.
3. (4) M14 x 2 x 45mm / Grade 8.8 / Yellow Zinc Pilot Hex Bolts
(4) 14mm x 39mm OD Yellow Zinc Flat Washers
(4) 14mm Yellow Zinc Lock Washers
4. (4) 1/2 inch diameter Base Rail Mounting Pins / Yellow Zinc
5. (4) Base Rail Mounting Pin Hairpin Clips / Yellow Zinc
6. Q5 5th Wheel Manuals:
 - 1) **PA1** - Unpacking – Assembly / Installation
 - 2) **PA2** - Coupling – Uncoupling – Removal – Re-Installation
 - 3) **PA3** - Maintenance Requirements

*****UNPACKING / Continued*****

5th Wheel Head and Mid-Section



Sides

Be sure that the leg with the Warning and Instruction labels is placed on the side of the unit with the activation bar.

Pins/Clips

- (4) M14 x 2 x 45 Pilot Bolts**
- (4) M14 Lock Washers**
- (4) M14 x 39 OD Flat Washers**

VERY IMPORTANT

Torque (4) M14 x 2 x 45 Pilot Bolts to 100 ft-lb. Re-torque after initial 500 miles and every 1000 miles thereafter and prior to each individual use.

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CAPACITY**

***** ASSEMBLY / INSTALLATION *****

Assembly includes measuring the height requirement for the Q5 5th Wheel Head in relation to your trailer ride height at the kingpin box and skid plate. Ideally the trailer should ride as near to level as possible. The Q5 5th Wheel is adjustable from 13 to 17 inches from the pickup bed to the top of its Skid Plate. Adjustment is attained by adjusting the Mid-Section up or down in relation to the Sides in 2 inch increments.

Typical clearance between the pickup bed rails and the trailer should be a minimum of 5-1/2 inches.

With your trailer on a firm and level surface, set chock blocks in front of and behind the tires. (Do not substitute wood blocks, rocks, etc. for chock blocks.) Extend front trailer lifting jacks, adjust as required to set trailer at or near level.

- 1) Measure from the ground to under the trailer's kingpin box skid plate (or Lube Plate if used). This will be the portion in contact with the Q5 5th Wheel's Skid Plate once coupled.
- 2) Measure from the ground to the surface of the pickup bed.
- 3) Subtract **Step 2) from Step 1)**. This value will be near the height requirement for the Q5 5th Wheel.

The Q5 5th Wheel when assembled at its lowest setting is 13 inches from the surface of the pickup bed to the top of the Skid Plate. When assembled at its highest setting it is 17 inches from the pickup bed to the top of the Skid Plate. As mentioned above, the Q5 5th Wheel is adjustable in 2 inch increments.

Depending on the height of your pickup bed sides, many users will find that the Q5 5th Wheel will require being assembled in its highest configuration.

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CAPACITY**

***** ASSEMBLY / INSTALLATION / Continued *****

Once you have determined the height adjustment required for your Q5 5th Wheel, assemble the Sides to the Mid-Section using the appropriate holes.

SEE VERY IMPORTANT NOTE ON PAGE 2 OF THIS MANUAL
Occasionally, the trailer’s kingpin “pin box” will require adjustment to facilitate correct ride height.

NOTES:

1) Depending on which holes are selected, attachment of the Sides to the Mid-Section may be easier with the Mid-Section upside-down sitting on its Skid Plate.

2) The Head Assembly can be removed from the Mid-Section to further aid in the installation of the (4) M14 x 2 x 45mm Pilot Hex Bolts, Lock Washers, and Flat Washers.

3) If the Q5 5th Wheel is being mounted to existing Bed Mounting Rails, and alignment issues arise, it may be necessary to proceed as follows:

a. Loosely assemble the Sides to the Q5 5th Wheel Mid-Section. Place the unit on top of the existing Bed Mounting Rails aligning the Foot Tabs with the outermost rectangular slots of the Mounting Rails. When the 5th Wheel Foot Tabs drop into the 4 rectangular slots, pin the Foot Tabs using the (4) Pins and Clips provided. Continue assembly by tightening the M14 x 2 x 45mm Pilot Hex Bolts to **100 ft-lb**.

b. If difficulty is still experienced fitting the Q5 5th Wheel to the existing Bed Mounting Rails, it may be necessary to loosen the Mounting Rail Bolts and realign the Mounting Rails as required to facilitate installation. It is recommended to replace old Lock Washers with new Lock Washers at this time. Torque Mounting Rail Bolts to **(75 ft-lb)**. Continue with the Q5 installation by tightening the M14 x 2 x 45mm Pilot Bolts to **100 ft-lb**.

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CAPACITY**

*****ASSEMBLY / INSTALLATION / Continued*****

NOTES: Continued

- c.** If using new Bed Mounting Rails follow the Mounting Rail's instructions for proper placement, alignment, and spacing.

 - d.** Recheck all bolts for proper torque after the first 500 miles of use, and 1000 miles thereafter, and prior to each individual use.
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WARRANTY

Limited 7 Year Warranty

CURT Manufacturing Incorporated warrants, to the original purchaser, its products to be free from defect workmanship under normal use and service, ordinary wear and tear excepted for as long as product is owned by the original purchaser.

Limitations of the Warranty

CURT Manufacturing Incorporated's obligation under this warranty is limited to repair or replacement, at its option. CURT Manufacturing Incorporated shall not be liable for the loss of or use of vehicles, cost of removal and /or installation, loss of time, inconvenience, rental of vehicles, loss or damage to personal property, expenses such as telephone, lodging, gasoline, towing, or any incidental or consequential damages. CURT Manufacturing Incorporated will examine the returned product. If the defect is covered under the warranty, CURT Manufacturing will repair the item or replace it at that time. Alterations or misuse of the items will not be covered under the warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages. So the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

Obligations of Purchaser/Consumer

The following steps need to be followed completely.

1. The purchaser/consumer must present proof of purchase of the defective CURT product to the headquarters of CURT Manufacturing Incorporated. Toll Free Number: 1-877-CURTMFG.
2. The purchaser/consumer must pay all handling charges and shipping charges incurred by the defective products to CURT Manufacturing Incorporated and for delivery of the replacement products by CURT Manufacturing Incorporated to the purchaser/consumer.

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