



# INSTALLATION MANUAL

# 13902

## Level of Difficulty

Easy (60 minute install time)

## ⚠ WARNING

Never exceed the vehicle manufacturer's recommended towing capacity.

## Parts List

| Qty | Description                        | # |
|-----|------------------------------------|---|
| 4   | Carriage bolt, 1/2" - 13 x 1 3/4"  | 1 |
| 2   | Hex head cap screw, M14 - 2 x 40mm | 2 |
| 8   | Carriage bolt, 1/2" - 13 x 1 1/4"  | 3 |
| 12  | Hex flange nut, 1/2" - 13          | 4 |
| 2   | Serrated conical washer, 1/2"      | 5 |
| 2   | Fishwire, 1/2" x 20"               | 6 |
| 4   | Square hole spacer, 1/2" x 1" x 3" | 7 |

## Tools Required

|                |                   |
|----------------|-------------------|
| Torque wrench  | Socket, 22mm      |
| Drill          | Socket, 3/4"      |
| Safety glasses | Drill bit, 15/32" |

## Weight Carrying Capacity

|                            |            |
|----------------------------|------------|
| Gross trailer weight (GTW) | 8,000 lbs. |
| Tongue weight (TW)         | 800 lbs.   |

## Weight Distribution Capacity

|                                          |             |
|------------------------------------------|-------------|
| Weight distribution (WD)                 | 12,000 lbs. |
| Weight distribution tongue weight (WDTW) | 1,200 lbs.  |

## Torque Specifications

|            |            |
|------------|------------|
| 7/16" bolt | 42 lb.-ft. |
| 1/2" bolt  | 64 lb.-ft. |
| M14 bolt   | 88 lb.-ft. |

Use above torque setting unless otherwise noted

## Product Photo



## Notes

Before you begin installation, read all instructions thoroughly.

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

Hitch weight: 62 pounds. Drilling may be required.

Refer to the table to the left when securing hardware during the installation process to help prevent damage to the product or vehicle.

Do not overload any part of your towing system.

See the vehicle owner's manual to determine the vehicle tow rating.

## Product Registration

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**warranty.curtgroup.com/surveys**

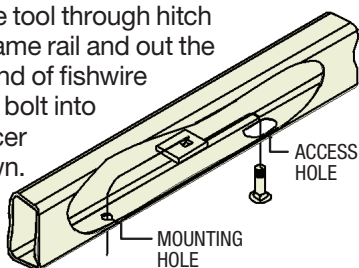
At CURT Group, customer is king. We value your feedback and we use that information to make improvements on our products. Please, take a minute and let us know how we are doing.

### Step 1

Place the supplied fasteners into position on the vehicle where possible without drilling, per application. The fishwire technique may be required for some applications.

## FISHWIRE TECHNIQUE

Insert coiled end of fishwire tool through hitch mounting hole in vehicle frame rail and out the access hole. Pass coiled end of fishwire through spacer and thread bolt into coil. Kink wire to keep spacer separate from bolt as shown. Pull fishwire, spacer and bolt through frame and out mounting hole. Use fishwire to guide hitch during mounting and prevent loss of bolt or spacer inside frame rail.



### Step 2

Mount the side plates to the frame rails as shown in the assembly below. (Ford, Chevrolet / GMC and Dodge / Ram out).

Raise the center section into position and loosely secure to the side plates.

Drill remaining holes if necessary. (2003 - 2004 Ford trucks)

### Step 3

Install the remaining fasteners.

Torque all hardware to the following specifications:

7/16" fasteners to 42 lb-ft.

1/2" fasteners to 64 lb-ft.

M14 fasteners to 88 lb-ft.

# ASSEMBLY

## Parts List

| Qty | Description                        | # |
|-----|------------------------------------|---|
| 4   | Carriage bolt, 1/2" - 13 x 1 3/4"  | 1 |
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| 8   | Carriage bolt, 1/2" - 13 x 1 1/4"  | 3 |
| 12  | Hex flange nut, 1/2" - 13          | 4 |
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| 2   | Fishwire, 1/2" x 20"               | 6 |
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Driver-side frame rail  
(actual vehicle may differ from image)

Passenger-side frame rail  
(actual vehicle may differ from image)

Some GM models have a weldnut in this location

Chevrolet / GMC and Dodge / Ram mounting bracket orientation

Ford mounting bracket orientation

