

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, 17/32"

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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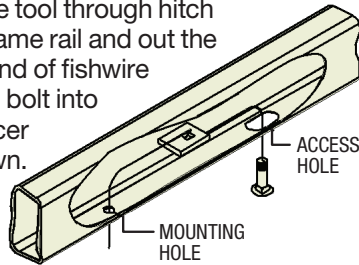
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Step 1

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

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

Chevrolet / GMC and Dodge / Ram
mounting bracket orientation

Some GM models have a
weldnut in this location

Ford mounting
bracket orientation

