

INSTALLATION MANUAL

11648

Level of Difficulty

Moderate

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)	1,500 lbs.
Tongue weight (TW)	150 lbs.

Parts List

Item	Qty	Description
1	2	Serrate-flange nut, 7/16"
2	2	Conical tooth washer, 9/16"
3	2	Hex head cap screw, M12
4	2	Carriage bolt, 7/16"
5	2	Fishwire, 7/16"
6	2	Square hole spacer, .250" x .88" x 2.25"
7	3	Hex flange nut, M10

Tools Required

Ratchet	Socket extension, 6"
Torque wrench	Die grinder
Socket, 10mm	Drill
Socket, 12mm	Drill bit, 1/2"
Socket, 17mm	Rotary tool
Socket, 19mm	Safety glasses
Socket, 11/16"	Screwdriver

* For a tools reference guide visit curtmfg.com/trailer-hitch-installation

⚠ WARNING

Never exceed the vehicle manufacturer's recommended towing capacity.

Product Photo



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.

This installation requires:

- Part removal and trimming of the underbody panel
- Hole enlargement
- Drilling holes
- Fishwiring hardware

Periodic inspection of the trailer hitch should be performed to ensure all mounting hardware remains tight and structural components are secure.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

SAFETY INSTRUCTIONS

Safety glasses should be worn at all times while installing this product.

Product Registration and Warranty

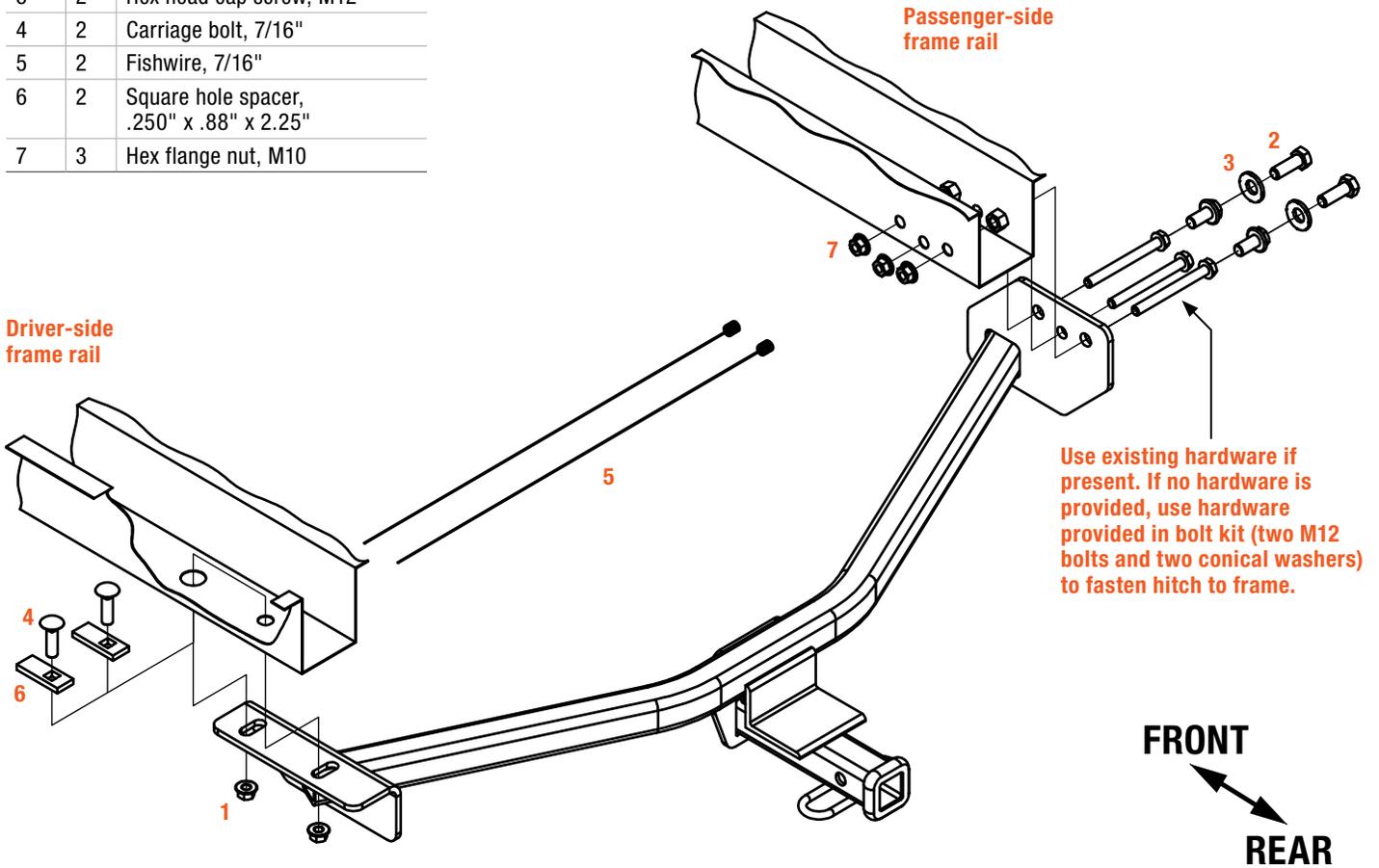
CURT stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: warranty.curtgroup.com/surveys

ASSEMBLY

Parts List

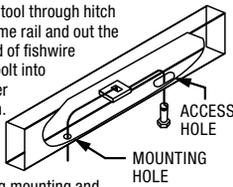
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Note: Passenger-side fasteners will vary depending on vehicle model



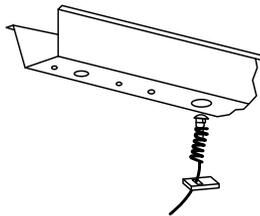
FISHWIRE TECHNIQUE

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.



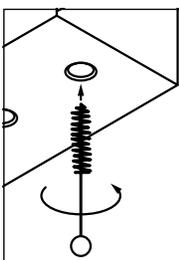
REVERSE PULL FISHWIRE TECHNIQUE

Attach the fishwire to the carriage bolt and slide the spacer onto the fishwire. Push the bolt through the hole followed by the spacer, as shown. Pull the bolt back into position, protruding from the frame.

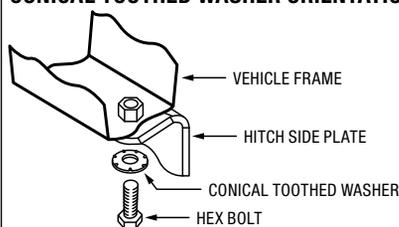


WELDNUT CLEANING

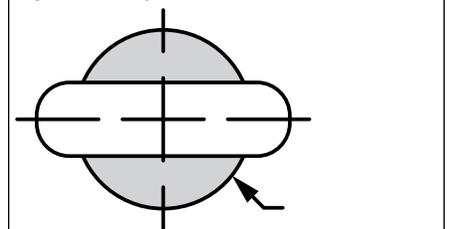
To remove debris from weldnuts in frame, spray lubricant or compressed air into the hole. For heavy debris, use a wire brush. Take care not to damage threads.



CONICAL TOOTHED WASHER ORIENTATION



HOLE ENLARGEMENT



Step 1

Remove the fasteners securing the underbody panel. Retain underbody panel and fasteners for later reinstallation.



Step 2

Depending on the model, remove either four M12 bolts or three M10 bolts securing the tow loop to the passenger-side frame rail. Retain the three M10 bolts for reinstallation. Return the tow loop and M12 bolts to the owner.



Step 3

If the rear-most driver side hole is not present, raise the hitch into position and mark the hole to be drilled. Lower the hitch and drill the marked hole.

Note: Before drilling hole, make sure all existing holes are aligned.

Enlarge the driver-side access hole to allow 7/16" hardware to pass through.



Step 4

Fishwire the 7/16" carriage bolt (#4) and square hole spacer (#6) through the enlarged access hole and out the rear-most hole.



Step 5

Reverse fishwire the 7/16" carriage bolt (#4) and square hole spacer (#6) into the enlarged access hole.



Step 6

Raise the hitch into position and secure the driver side using the provided 7/16" flange nuts (#1). Secure the passenger side with the two provided M12 bolts (#3) into the existing weldnuts in the side of the frame or the existing three M10 bolts through the frame rail. Secure using the provided M10 flange nuts (#7), as shown.

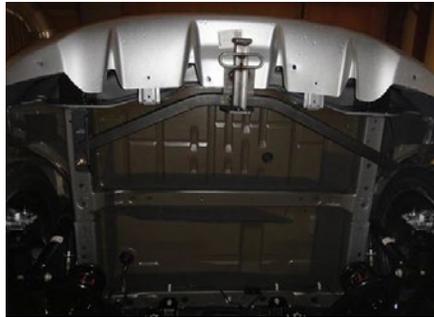


Step 7

Torque all 7/16" hardware to 70 ft-lbs.

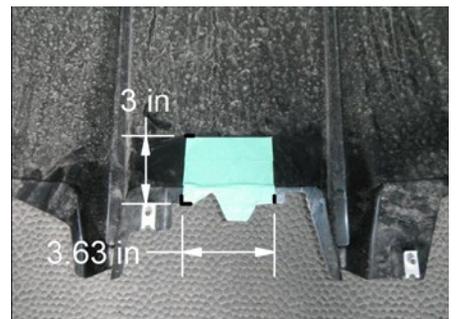
Torque all M10 hardware to 48 ft-lbs.

Torque all M12 hardware to 90 ft-lbs.



Step 8

Trim underbody panel. See trim diagram



Step 9

Reinstall underbody panel using hardware removed in step 1.



Final Installed Image



TOWING BASICS & SAFETY INFORMATION

For information on safely towing your trailer, visit [curtmfg.com/understanding-towing](https://www.curtmfg.com/understanding-towing).