INSTALLATION MANUAL

13663

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)	5,000 lbs.
Tongue weight (TW)	500 lbs.

Parts List

Item	Qty	Description
1	1	Trailer hitch
2	8	Carriage bolt, 1/2" - 13 x 1-1/2
3	8	Serrated-flange nut, 1/2" - 13
4	8	Square-hole spacer, .250" x 1.00" x 3.00"
5	8	1/2" Fishwire

Tools Required

Ratchet	Torque wrench
Socket extension, 6"	Socket, 21mm
Socket, 3/4"	Die grinder
Exhaust Removal Tool	Fishwire, 1/2" (includes 8 qty)

* 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:
- Hole Enlargement
- Temporary lowering of exhaust and spare tire
- No drilling required

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

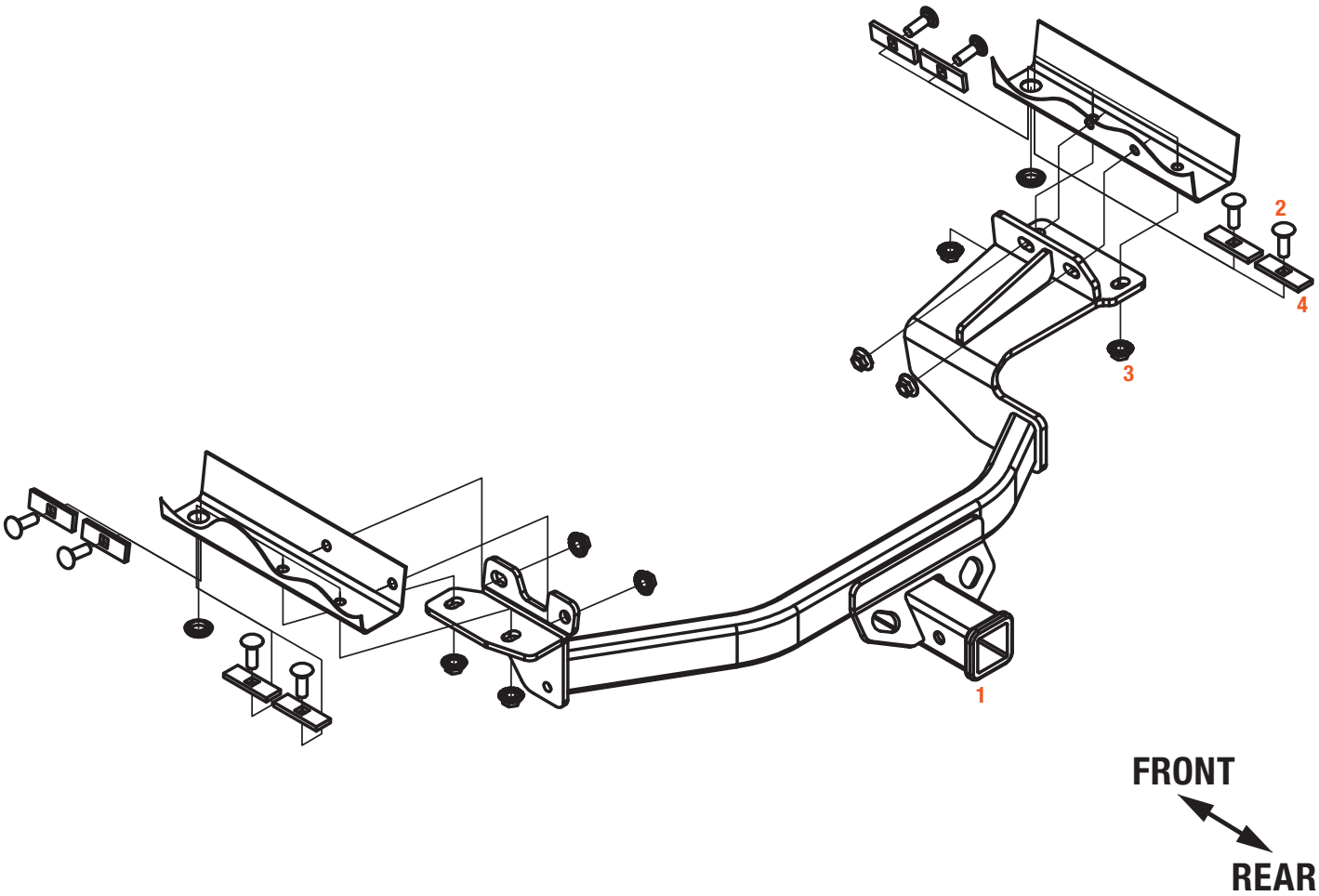
Safety glasses should be worn at all times while installing this product.

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		
Item	Qty	Description
1	1	Trailer hitch
2	8	Carriage bolt, 1/2" - 13 x 1-1/2
3	8	Serrated-flange nut, 1/2" - 13
4	8	Square-hole spacer, .250" x 1.00" x 3.00"
5	8	1/2" Fishwire (not shown)



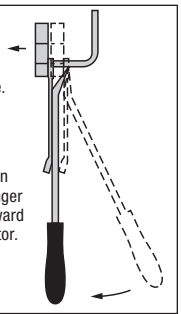
RUBBER ISOLATOR REMOVAL DIAGRAM

This technique can be used if exhaust hanger removal pliers are not available.

Using a 5/8" open end wrench, slide the wrench up to the rubber isolator, cradling the hanger rod as shown.

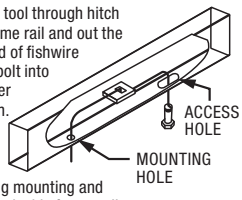
Place the flat edge of a pry bar between the wrench and the hanger stop or hanger rod. Then simply rotate the pry bar toward the wrench to remove the rubber isolator.

Note: Using a lubricant or soapy water on the hanger rod and the rubber isolator helps removal.

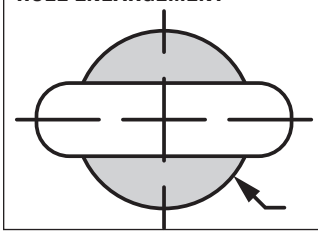


FISHWIRE TECHNIQUE

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.



HOLE ENLARGEMENT



Step 1

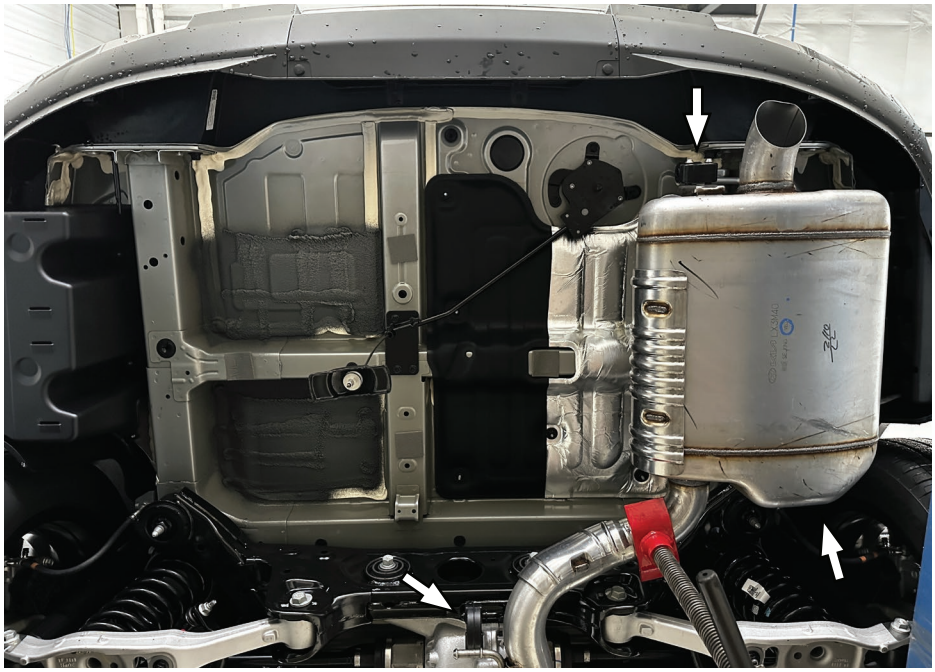
Open the rear liftgate and lift the trunk floor panel. Remove the spare tire access panel and lower the spare tire using a 21mm socket.

Set the spare tire aside for later reinstallation.

Step 2

Lower the exhaust by removing the three exhaust hanger rods from the rubber isolators.

Use a stand to support the exhaust and prevent any damage.



Step 3

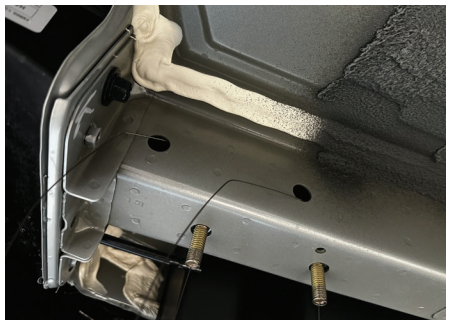
Remove the rubber plug from each frame rail access hole. Set the rubber plugs aside for later reinstallation.

Using a die grinder, cut an enlarged slot as shown in both frame rail access holes to allow a 1/2” carriage bolt head (#2) and square-hole spacer (#4) to pass through.

Step 4

Fishwire four 1/2" carriage bolts (#2) and four square-hole spacers (#4) through the holes in the driver-side frame rail. Repeat on the passenger-side frame rail.

Note: Do not pull the carriage bolts through the frame rail horizontal side holes in this step.



Step 5

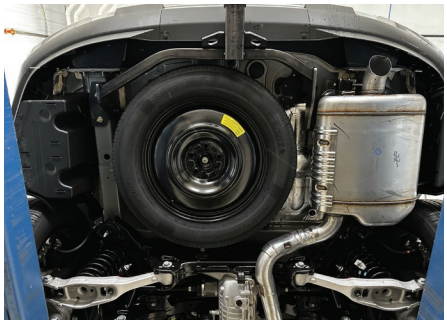
Raise the hitch over the exhaust on the passenger side. Feed the fishwires through the holes in the hitch on both sides. Raise the hitch into position and pull the four 1/2" carriage bolts (#2) through the holes in the hitch on both sides.

Remove fishwires one by one and loosely secure with 1/2" serrated-flange nuts (#3).

Torque all 1/2” hardware to 90 ft-lbs.

Step 6

Reinstall the frame rail access hole rubber plugs, exhaust rubber isolators, and spare tire.



Final Installed Image

TOWING BASICS & SAFETY INFORMATION

For information on safely towing your trailer, visit **curtmfg.com/understanding-towing**.