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ecoHITCH Designed Specifically For Your **Green Vehicle**

Installation Instructions

2023+ Lexus RX350H, RX450H, RX500H
X6062S

Weight Rating

Tongue Weight: 650lbs

Trailer Weight: 4500lbs

Torklift Central
315 Central Ave N
Kent, WA 98032
253-854-1832

www.torkliftcentral.com

support@torkliftcentral.com

Rev 1: By CL: 6/7/2023



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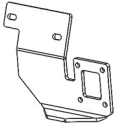
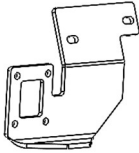
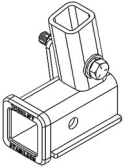
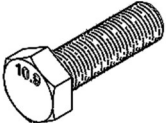
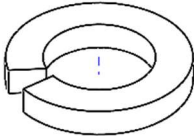
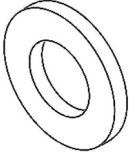
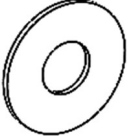




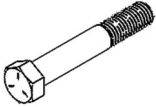
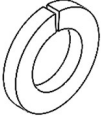
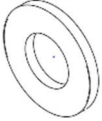
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Parts Inventory

Description	Image	Item #	Qty.
Hitch Cross Tube		X6062S-W1	1
Driver Side Plate		X6062S-P1	1
Passenger Side Plate		X6062S-P2	1
Receiver Adapter		XA3039-W1	1
M12 1-1/4 x 40 Hex head Bolt		3661	4
M12 Split Lock Washer		20004	4
M12 Flat Washer		20003	4
7/16" Flat Washer		3536	8
7/16" 1-1/4 x 14 Carriage Bolt		12036	8

7/16-14 Hex Nut		3307	8
5/8 11 x 14 Hex Bolt		12819	1
5/8 Lock Washer		6023	1
5/8 Flat Washer		9717	1

Step 1:

- Chock the front wheels.
- Raise the rear of the vehicle and place it on jack stands.
- With trim removal tool, remove the plastic fasteners under the bumper. Let all the mounting struts hang downward. See Figure 1.1.

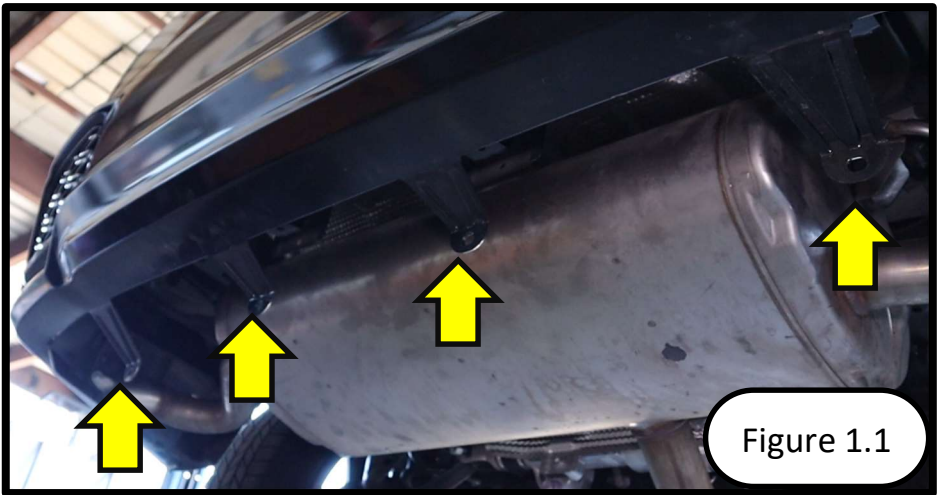


Figure 1.1

Step 2:

- Remove the plastic fasteners on the kick sensor. Place the kick sensor out of the way of the installation area. See Figure 2.1.



- Place one M12 Split Lock Washer and one M12 Flat Washer onto each M12 1-1/4" Hex Bolt.
- Remove the plastic threaded factory frame plugs on the driver side of the frame. Place the Driver Side Plate onto the driver side mounting frame holes.
- Partially thread one M12 bolt into each mounting hole. See Figure 2.2.

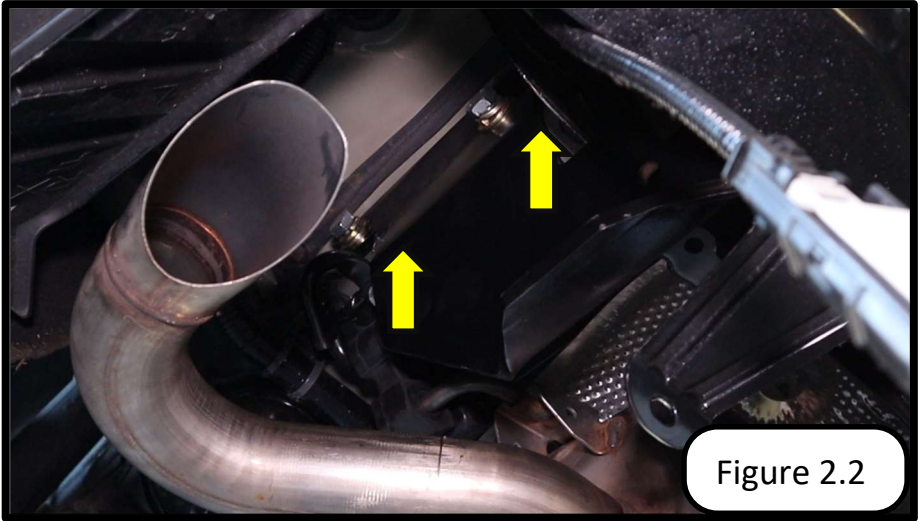


Figure 2.2

Step 3:

- Carefully hold the bumper away from exhaust and slide the Hitch Cross Tube into place. Having a second person to help is recommended for this step. See Figure 3.1

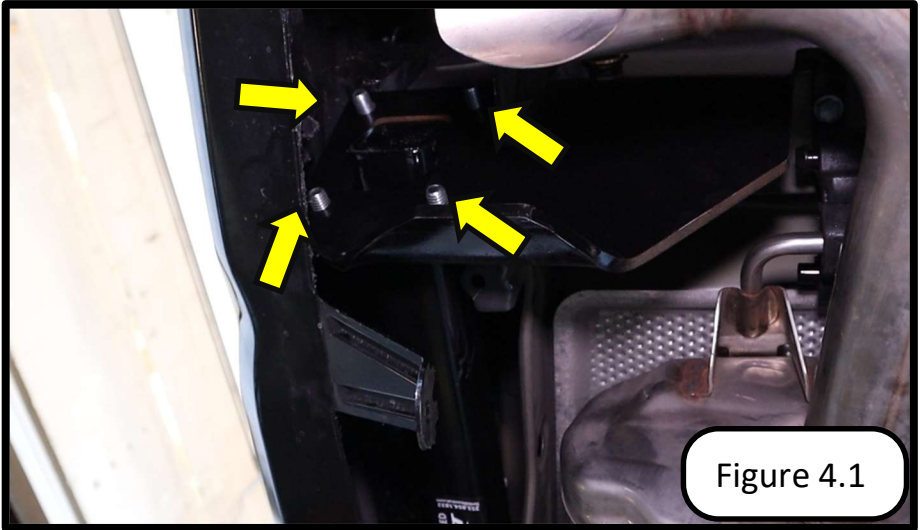


Figure 3.1

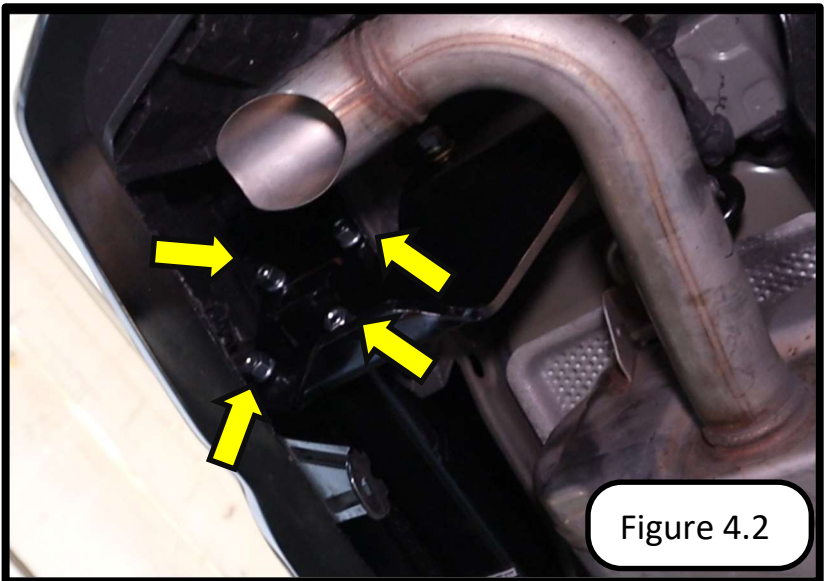
- Place the Hitch Cross Tube fully into the Driver Side Plate larger square mounting hole.
- Remove plastic threaded factory frame plugs on the passenger side of the rear frame.
- Slide the end of Cross Tube through the larger Passenger Side Plate square mounting hole.
- Align the Passenger Side Plate mounting holes with the mounting holes on the passenger side of frame.
- Partially thread one M12 bolt on to each mounting hole on the frame.

Step 4:

- Center the Hitch Cross Tube between the two Side Plates
- Place a 7/16 1-1/4" Carriage bolt into each square hole on the Hitch Cross-Tube with the bolt thread coming through the Side Plate mounting holes.
- Place one 7/16" Flat Washer onto the threaded end of each 7/16 Carriage Bolt. See Fig 4.1

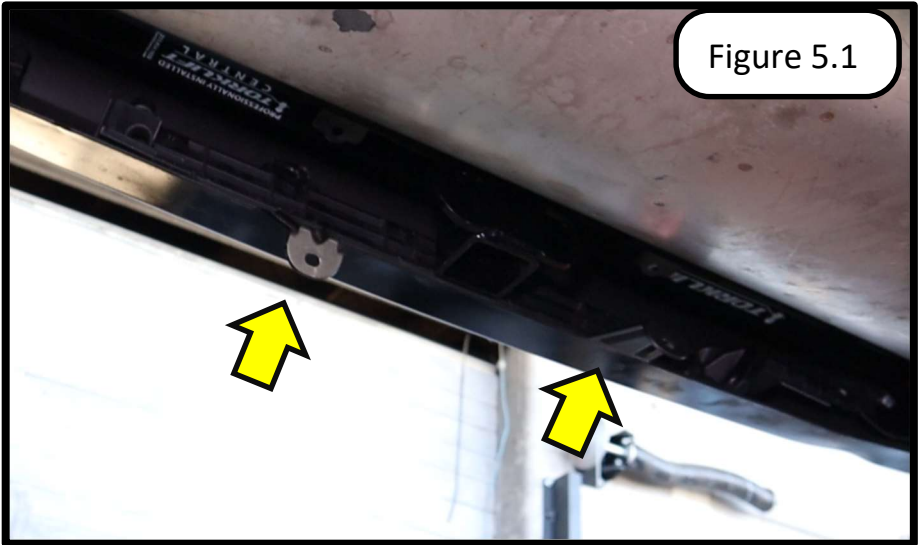


- Tighten one 7/16" Hex Nut onto threaded end of carriage bolt. See Fig 4.2



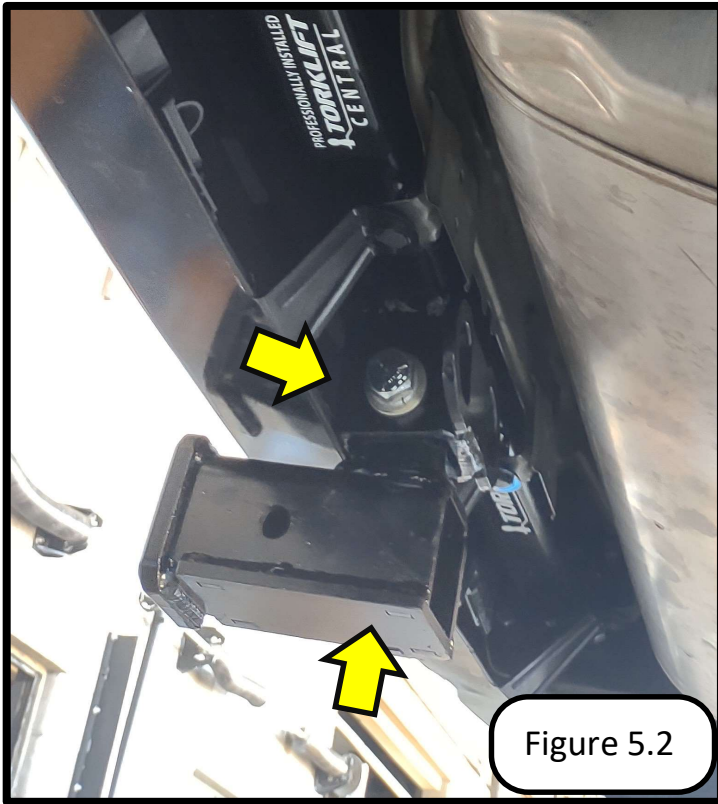
Step 5:

- Reinstall kick sensor using the correct plastic inserts. See Fig 5.1



- Reinstall the bumper struts.
- Place one 5/8" Flat Washer followed by a 5/8" Split Lock Washer onto the 5/8"-11 x 14 Hex Bolt
- Insert Receiver Adapter into Cross tube Receiver tube. Thread 5/8" Hex Bolt through the Receiver

mounting hole. See Figure. 5.2



- Tighten and Torque all Bolts the indicated specifications.
- M12 1-1/4x40
 - **90 ft-lbs**
- 7/16" 1-1/4x14
 - **45 ft-lbs**
- 5/8" 11x14
 - **117 ft-lbs**

- Torque all bolts before each use.



INSTALLATION COMPLETE

WARRANTY/DISCLAIMER INFORMATION

Torklift Central requires proof of purchase for warranty claim registration, with pictures of any defective product before issuing a replacement. Torklift will not accept claims on any product without proof of purchase, which can be faxed, scanned, emailed or mailed to the information provided below. Torklift Central warrants its hitches, custom hitch receivers and accessories (excluding electrical wire harnesses which carry a warranty from their specified manufacturer) from date of purchase against defects in material and workmanship under normal use and service for the ownership life of the original consumer purchaser. Torklift Central will replace free of charge any part that proves defective in material or workmanship when presented to Torklift Central, transportation charges prepaid by purchaser, at the address below.

This warranty is limited to defective parts replacement only. Labor charges and/or damage incurred in installation or replacement, as well as incidental and consequential damages connected therewith are excluded.

This warranty does not include normal wear and tear or the finish and paint. Rusting, cracking or peeling of the finish is also excluded. 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. Any damage to Torklift Central products as a result of misuse, abuse, neglect, accident, improper installation or any use violative of instructions furnished by Torklift Central will void the warranty. This warranty gives you specific legal rights and you may also have rights, which vary from state to state. With warranty service, you may be able to go to a small claims court, a state court or a federal district court.

Although Torklift Central trailer hitches are both tested and rated for towing within the specific capacity label found on each trailer hitch. Torklift Central assumes no liability for vehicle manufacturers warranty due to the use of a Torklift Central trailer hitch being used for towing behind any vehicle or using the trailer hitch in a manner that it was not designed for. Although this specific trailer hitch has a load rating, which includes trailer tongue weight, and a trailer weight carrying capacity, Torklift Central is not responsible for the voiding of any warranty on any vehicle due to factory towing limitations. All vehicle warranties are the sole property and responsibility of the owner of the vehicle that the Torklift Central trailer hitch is installed upon. Torklift Central does not endorse towing behind any vehicle if the vehicles manufacturer states that towing is not recommended. Check your vehicle's owner's manual for the proper tow rating of your vehicle.

ADDRESS: 315 Central Ave N. Kent, WA 98032

WARNING Your vehicle may have a lower tow rating than this trailer hitch. If your vehicle's tow rating is less than the rated towing capacity on your Torklift Central trailer hitch, your trailer hitch capacity is limited to your vehicle's factory rated towing capacity.

DANGER Never exceed your vehicle's manufacturer's recommended towing capacity which may be a lower rating than this trailer hitch