

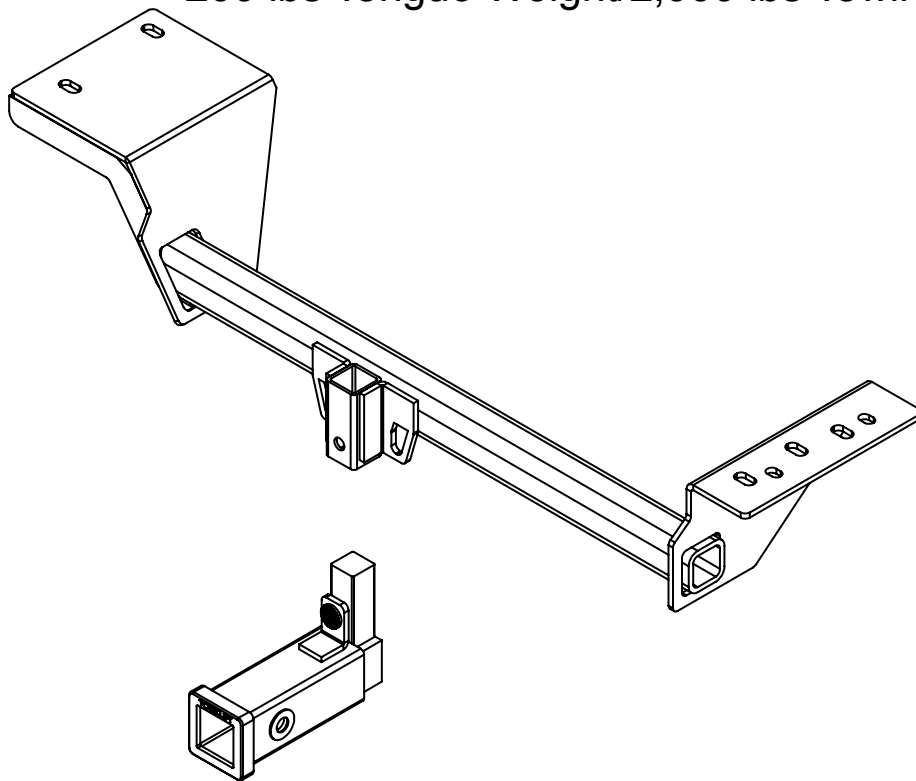
ecoHITCH - Designed Specifically For Your **Green Vehicle**

Installation Instructions

Application Fits
2011+ Chevrolet Volt
X7180 & X7181

2" & 1.25" EcoHitch Stealth Model

200 lbs Tongue Weight/2,000 lbs Towing Weight



Stay Connected



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Bolt Kit Weight: 964g +/-

Hardware Included

QTY Fastener

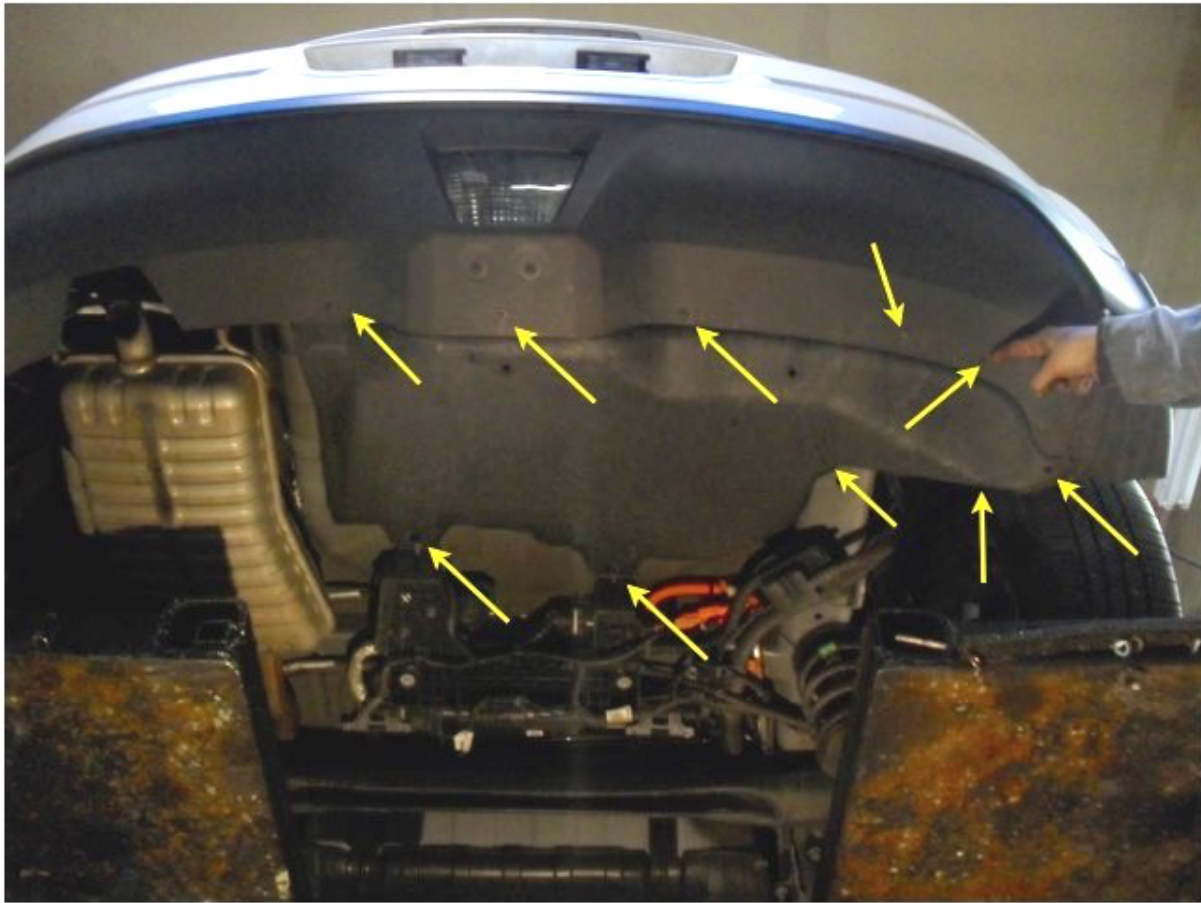
4	5/16" Flat Washer
2	5/16" Lock Washer
2	5/16" Nut
2	5/16"-18 x 1" Bolt
4	7/16" Flat Washer
9	1/2" Flat Washer
9	1/2" Lock Washer
4	1/2" Nut
4	1/2"-13 x 2" Bolt
1	1/2"-13 x 2 1/2" Bolt
1	1/2" Bolt Fisher
4	1/2"D x 7/8" x 2" Plate Washers
2	10MM Lock Washer
2	M10-1.50 x 40mm Bolt
1	Exhaust Plate Adapter
1	Trim Template
1	Invert Ballmount Adapter

Tools Recommended For Installation

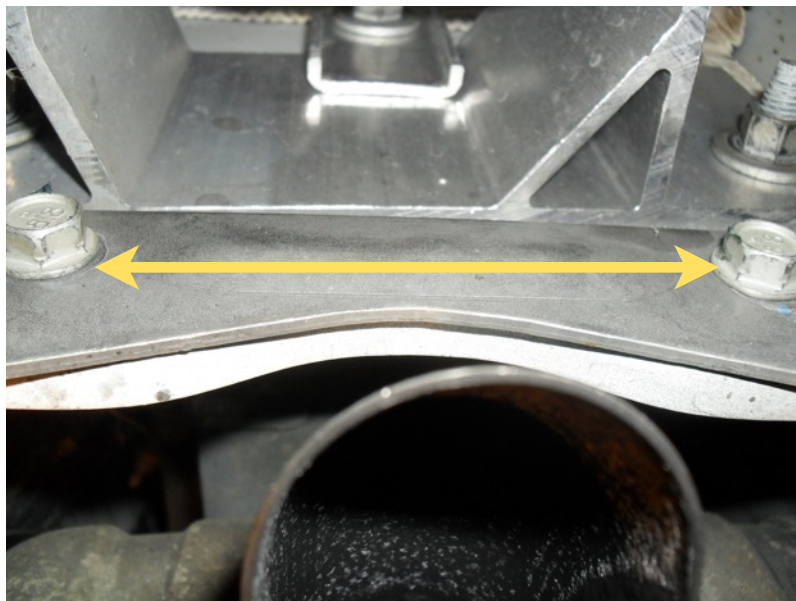
Phillips Screwdriver
3/8 Drive 13MM Socket
3/8 Drive 1/2 socket.
3/8 Drive Long Socket Extension
3/8 Drive Ratchet or Impact Gun
Airsaw or Razor Blade Knife.

READ THESE INSTRUCTIONS THOROUGHLY AND ACCOUNT FOR ALL HARDWARE LISTED BEFORE BEGINNING INSTALLATION!

Step 1. Raise vehicle on ramps or suitable jack stands. Lower black undercarriage cover by removing fasteners in locations indicated by arrows.



Step 2. Remove the two 13mm bolts holding the exhaust bracket as shown. Once removed you will lower the exhaust from the bracket. This will allow room for the trailer hitch to be installed.



****Using a block of wood to keep the muffler spaced down during install will make the installation easier.***

Step 3. On the drivers side locate these two holes in the frame rail. Starting with the hole closest to the exhaust plate adapter take your bolt fisher and place it through the frame as shown in the picture below.

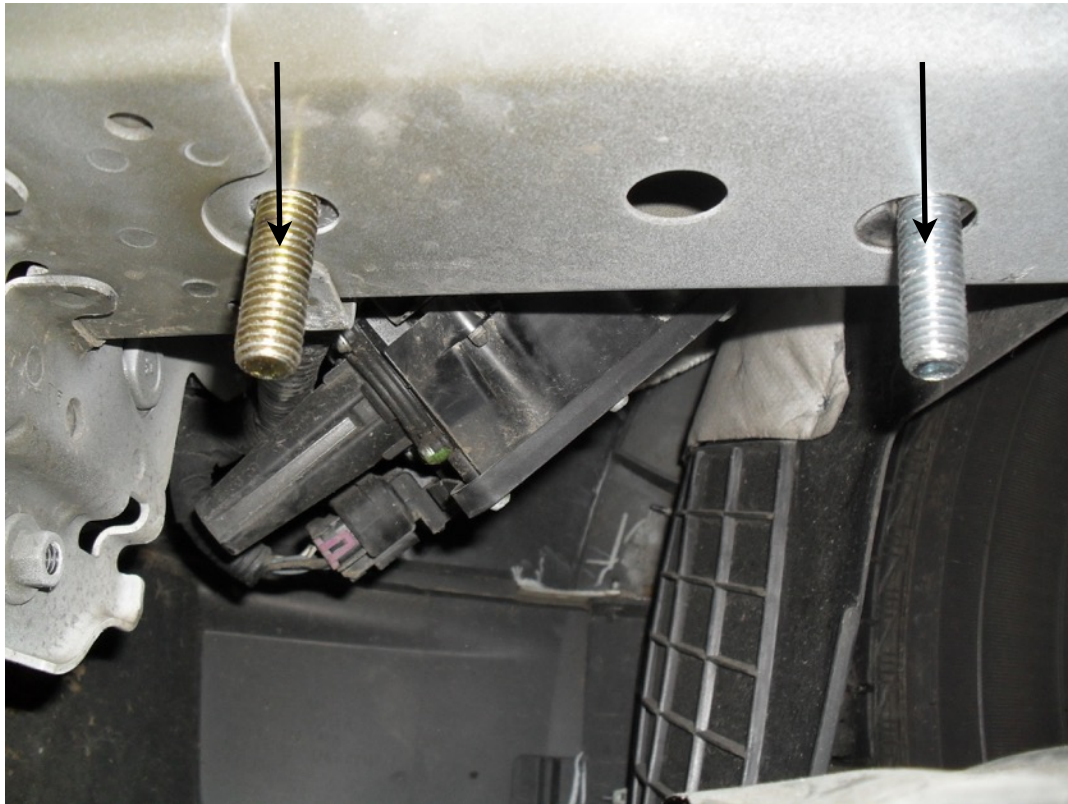


Step 4. Take one 1/2" x 2" bolt, one 1/2" lock washer and one plate washer. Thread them into the bolt fisher as shown in the picture below. Once in this sequence, pull through frame.

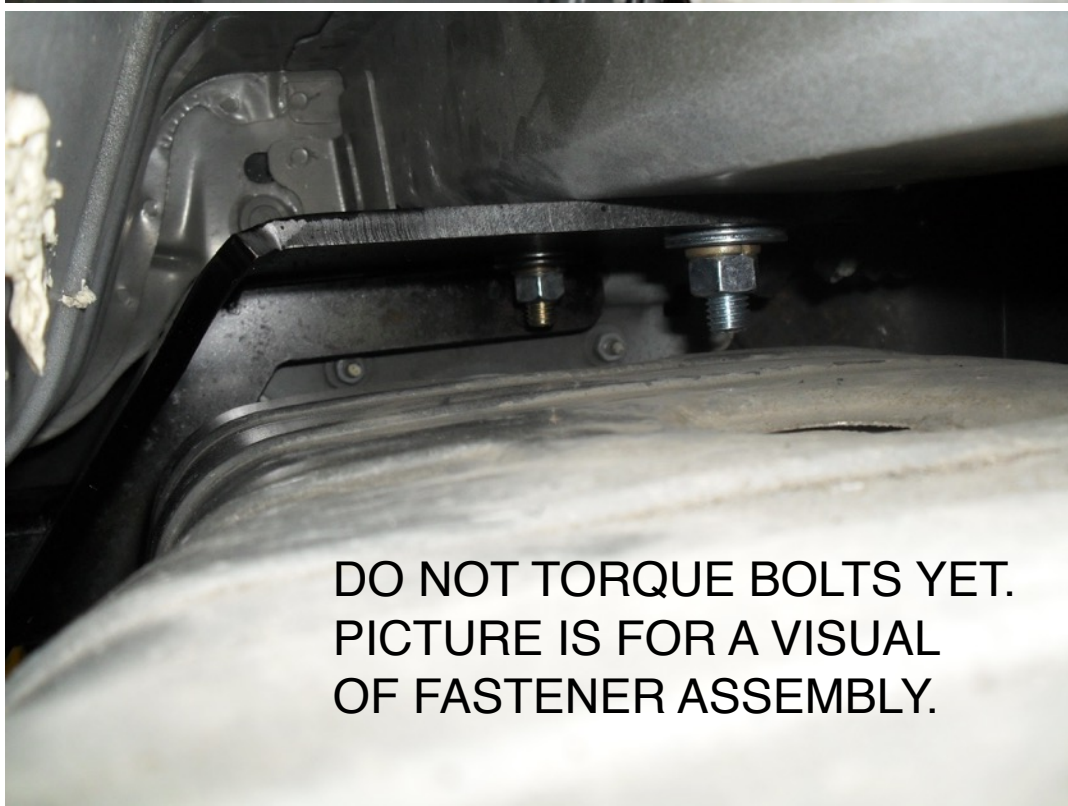


Step 5. Take one 1/2" x 2" bolt, one 1/2" lock washer and one plate washer. Thread them onto the bolt fisher as shown in the previous step. Now insert the 1/2" bolt, 1/2" lock washer in the hole first followed by the 7/8" plate washer. Use the bolt fisher to then pull the fastener assembly through the same hole.

Step 4.



Step 5.



**DO NOT TORQUE BOLTS YET.
PICTURE IS FOR A VISUAL
OF FASTENER ASSEMBLY.**

Step 6. Locate frame on passengers side of vehicle. Repeat Step 5 for passenger side of vehicle.

*****NOTICE***** There are variances in the frames of the Chevrolet Volt on the passengers side. On some models there may be a nut plate welded to the inside of the frame. If there is a nut-plate in the frame use the supplied m10x1.50x40 bolt, 10mm lock washer and two 7/16" flat washers. Thread bolt into frame from the bottom up. You may want to enlist the help of another to hold the hitch into place. Once all fasteners are completely installed torque to 22ft lbs.

If your vehicle does not have the factory weld nuts, use the existing holes in the frame and use the fish wiring process from step 5.

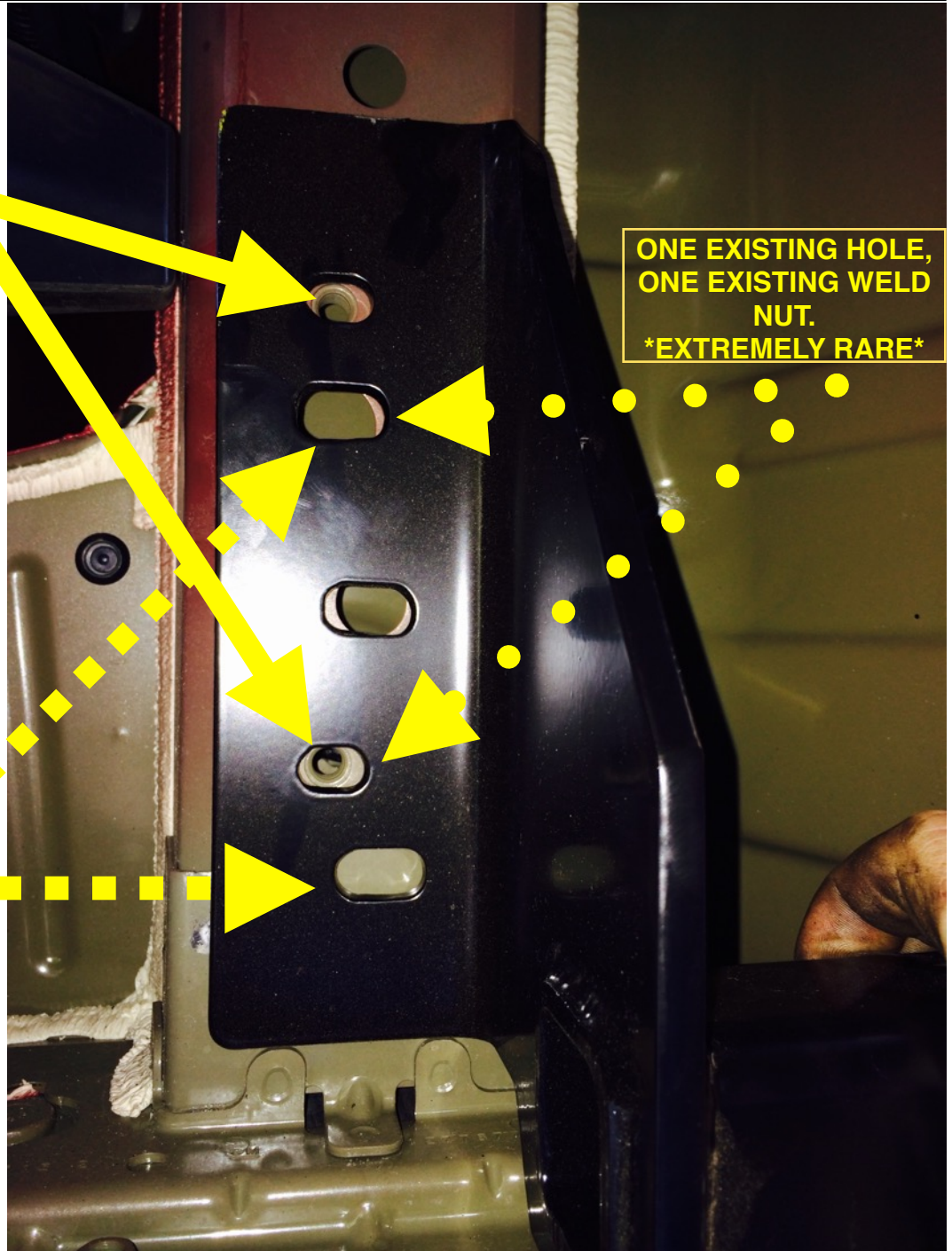
On some VOLTS you will have one existing weld nut and one existing hole in the frame. If you have this version, utilize the weld nuts with the supplied hardware, and the existing hole in the frame with the supplied hardware from step 5.

EXISTING FACTORY
WELD NUTS.
MOST COMMON

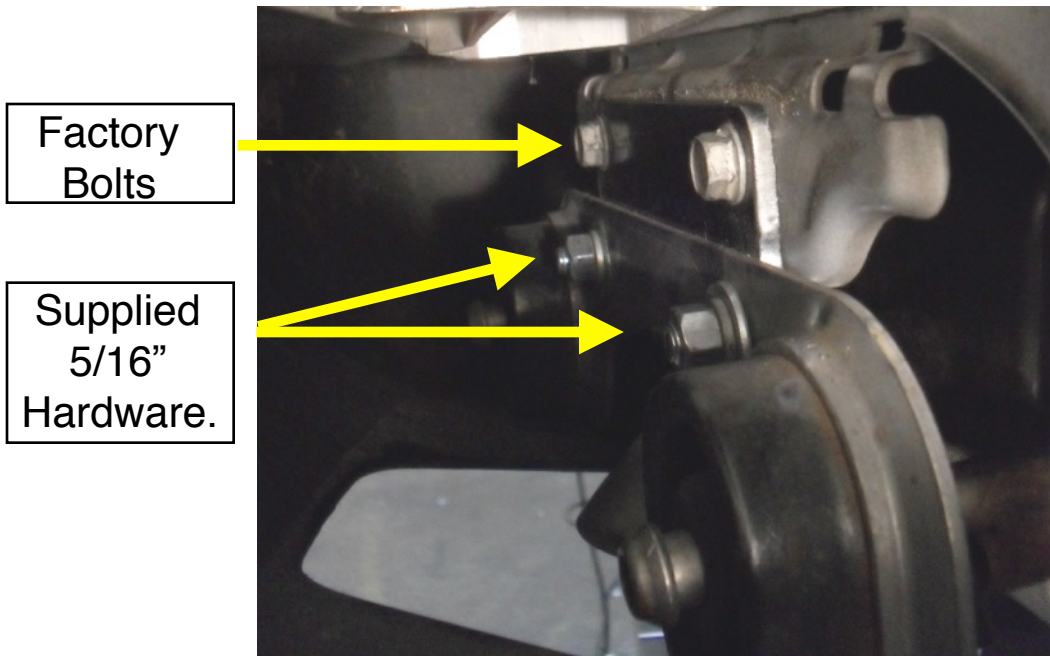
ONE EXISTING HOLE,
ONE EXISTING WELD
NUT.
EXTREMELY RARE

EXISTING HOLES.

RARE to see holes in
frame version.



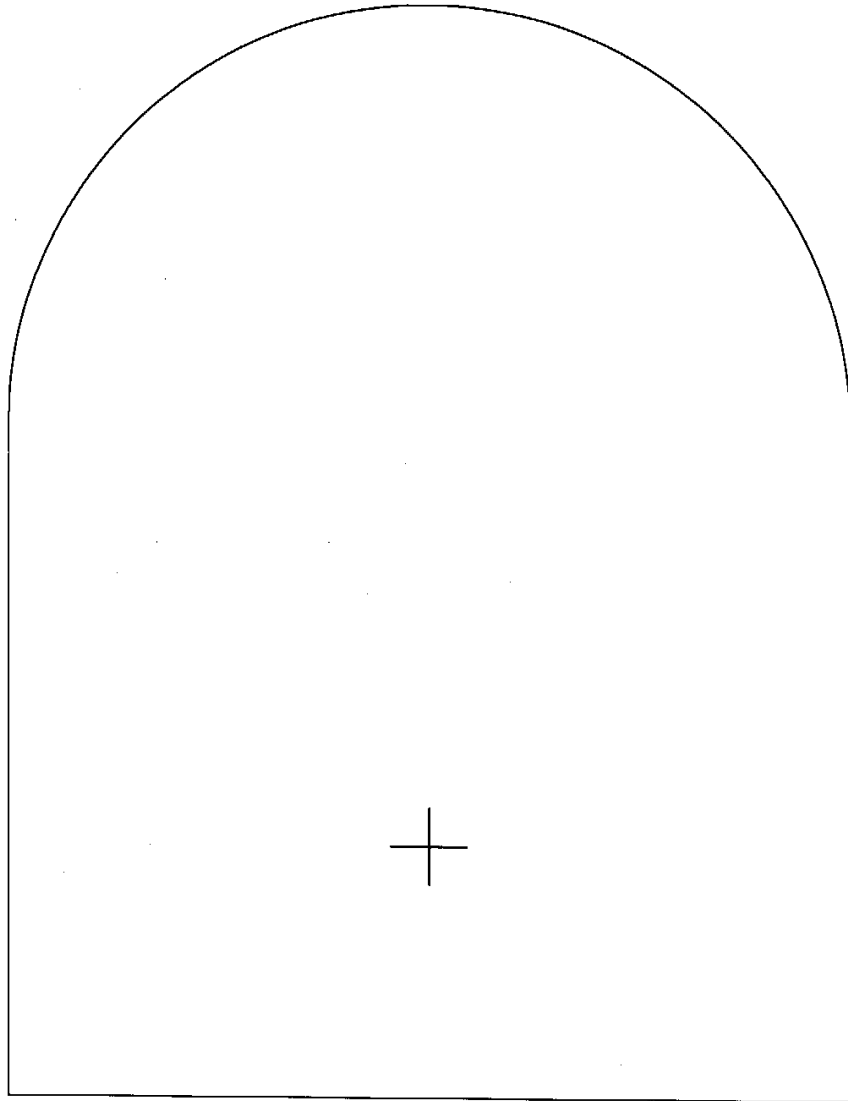
Step 7. Take exhaust plate adapter, two 5/16"x1" bolts, four 5/16" flat washers, two 5/16" lock washers, and two 5/16 nuts set aside for installation of bracket. Place bracket into place onto factory frame plate that once held the exhaust. Take the factory bolts removed in Step 2 and install them with the exhaust plate adapter back into place. Then in this sequence take two 5/16"x1" bolts, two 5/16" flat washers, and install into exhaust plate adapter. Place the exhaust into place on new adapter. Place two 5/16" flat washers, then two 5/16" lock washers, then finish with two 5/16" nuts. Tighten to 20ft. lbs.



Step 8. Install invert adapter. Use one 1/2"x2 1/2" bolt, one 1/2" lock washer, and one 1/2" flat washer. Thread fastener assembly into ballmount adapter. Tighten to 65 ft lbs. Replace lower undercarriage cover and trim to spec with enclosed template.



FRONT OF VEHICLE



BACK OF VEHICLE

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 above. **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.

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.

FOR EXAMPLE: the label on your Torklift Central trailer hitch states it's capacity is rated for 500 pounds tongue weight and 5,000 pounds towing weight. However your vehicle's factory rated towing capacity is limited to only 350 pounds tongue weight and 3,500 pounds towing weight. In this example your maximum towing capacity of your Torklift Central trailer hitch is limited to 350 pounds tongue weight and 3,500 pounds towing weight as stated by your vehicle's maximum factory tow rating.

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

Unsure of your tow rating? Download our towing app from the app store to find your vehicles tow rating.
www.torkliftcentral.com/app.php