



# Installation Instructions

Application Fits

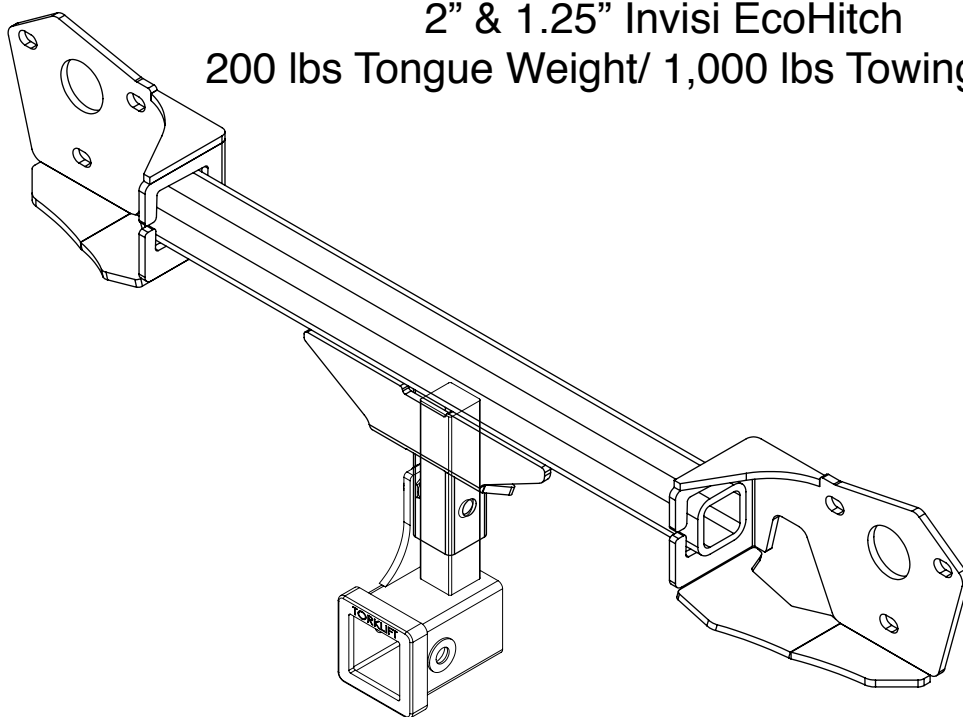
2012-2015 Subaru BRZ

2012-2015 Scion FR-S

X7293 & X7294

2" & 1.25" Invisi EcoHitch

200 lbs Tongue Weight/ 1,000 lbs Towing Weight



Torklift Central  
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*Bolt Kit Weight: 243g +/-*

*Hardware Included*

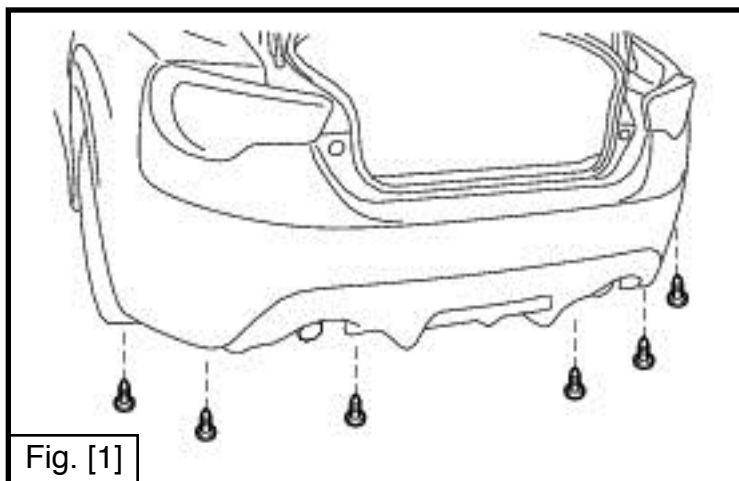
QTY Fastener

- 4 M10 Lock Washer
- 2 M10-1.25 Flange Nut
- 4 M10-1.25 x 40mm Hex Cap Screw
- 1 1/2" Flat Washer
- 1 1/2" Lock Washer
- 1 1/2"-13 x 2-1/2" Hex Cap Screw

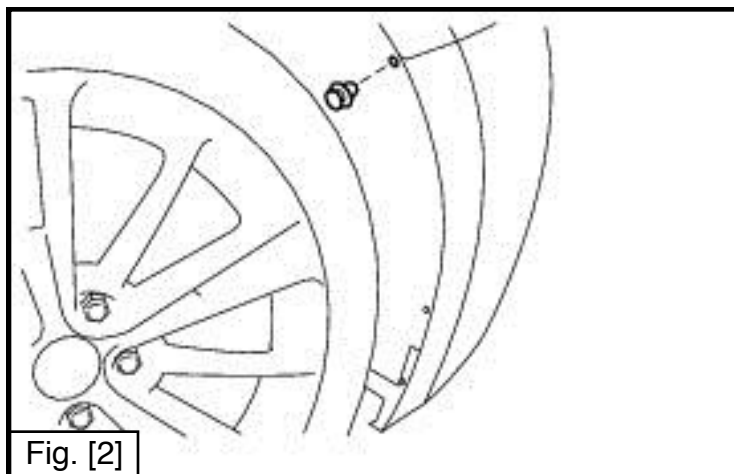
**READ THESE INSTRUCTIONS THOROUGHLY AND ACCOUNT FOR ALL HARDWARE LISTED BEFORE BEGINNING INSTALLATION!**

**Step 1.** Raise vehicle on suitable jack stands, ramps, or hoist.

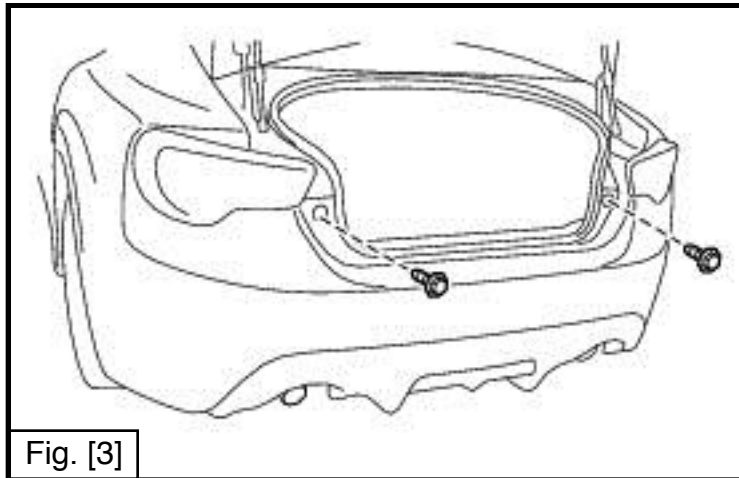
**Step 2.** Remove the (6) push pin clips along the underside of the bumper.  
See Figure [1].



**Step 3.** Remove the center push button clips located along the edge of the bumper in the wheel wells. To remove, push the center button in and pull the whole unit out.  
See Figure [2].

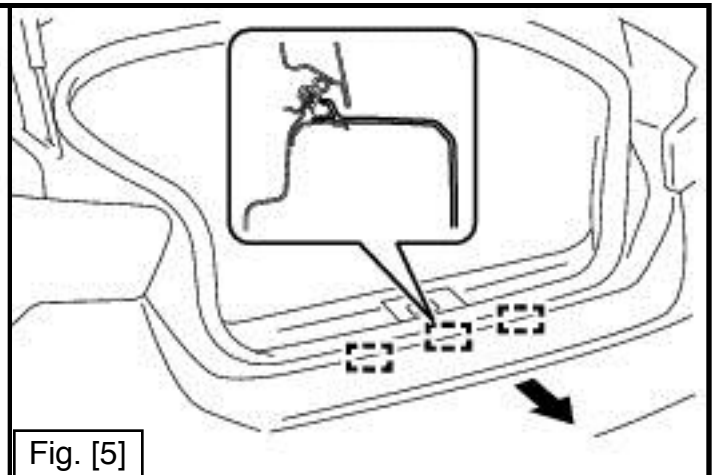
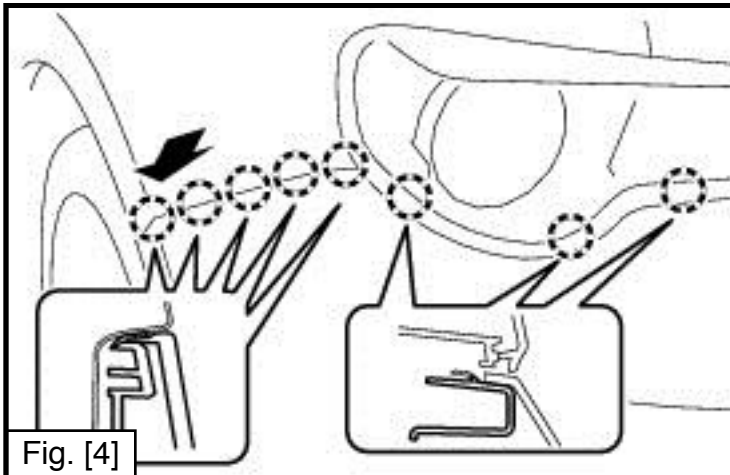


**Step 4.** Open the trunk lid and remove the (2) screws shown in Figure [3].



**Step 5.** Starting at the driver side wheel well, begin to peel the bumper away from the vehicle working your way toward the tail light. Continue working along the rear of the bumper pulling rearward. Repeat process on the passenger side.

**NOTE:** A flathead tool may be helpful to release some of the securing tabs during this step. See Figure [4] & [5].



**Step 6.** With the bumper removed, disconnect the fog light bulbs by twisting counterclockwise then pulling outward. Unhook the foglight wire harness from the various hangers and set bumper aside. See Figure [6].



**Step 6.** Remove the (4) factory hex cap screws and (2) factory flange nuts and discard. Remove the impact bar and set aside for reinstallation. See Figure [7] & [8].

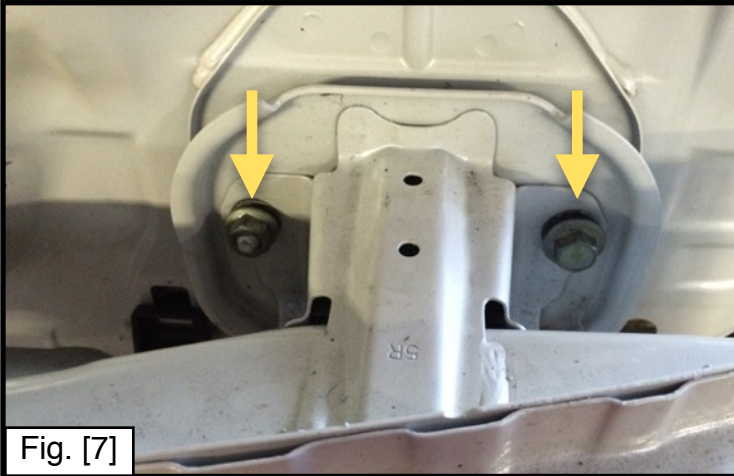


Fig. [7]

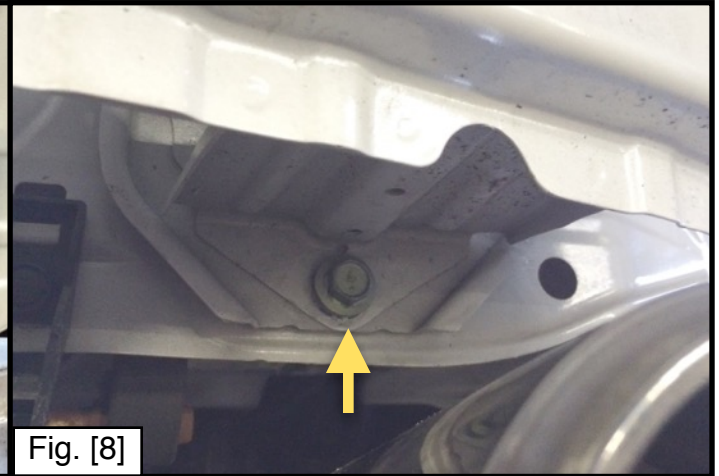


Fig. [8]

**Step 7.** Place the EcoHitch onto the impact bar stud bolts and then place the impact bar over the hitch frame plates. Use the supplied M10 flange nuts to secure the impact bar and hand tighten. Thread (1) M10-1.25x40mm hex cap screw with (1) M10 lock washer into each of the frame rail weld nuts and hand tighten. Once all hardware is secured, torque nuts and bolts to 33ft-lbs. See Figure [9],[10], & [11].



Fig. [9]



Fig. [10]



Fig. [11]



**Step 8.** Reinstall bumper fascia in reverse order of removal. Once all components have been reinstalled, place the receiver adapter into the hitch body and secure with (1) 1/2" x 2-1/2" hex cap screw, (1) 1/2" lock washer, and (1) 1/2" flat washer. Tighten until the lock washer is crushed flat.

**Congratulations on the completed installation of the Subaru BRZ/Scion FR-S Invisi EcoHitch! It is designed with a lifetime warranty for a lifetime of enjoyment. If you have any questions or suggestions please contact our tech support at [support@tlcentral.com](mailto:support@tlcentral.com) or by phone at (253)-854-1832.**



# 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.

**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](http://www.torkliftcentral.com/app.php)