



# Installation Instructions

PART NUMBERS: 76182, 84182, CQT76182

## Applications:

Years	Make	Models
2014-Current*	Subaru	Forester



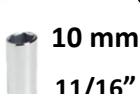





## Installation Time: 60 min

The time listed above is the average time for professional installers. If you do not feel comfortable performing this installation on your own or are in need of assistance, please contact a professional installer.



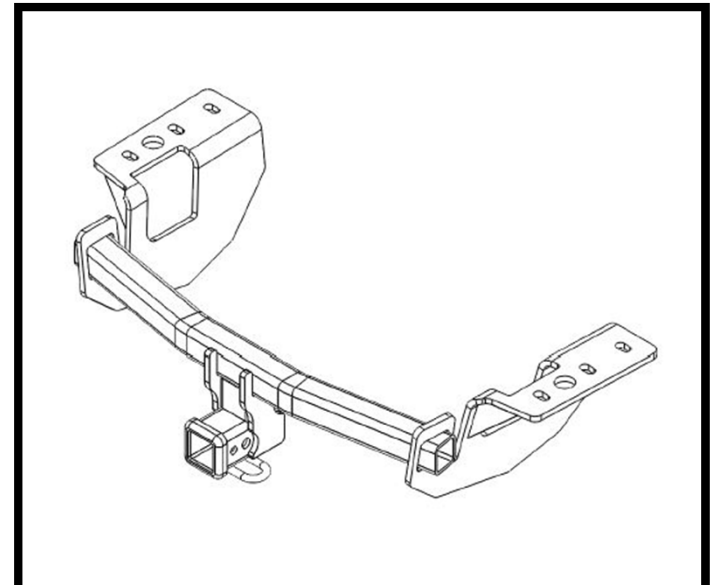
**Representative Vehicle Photo**

## Equipment Required:

 Safety Glasses	 Ratchet	 10 mm 11/16" Sockets	 6" Socket Extension
 Exhaust Removal Pliers	 Flat Head Screw Driver	 Torque Wrench	 Tin Snips

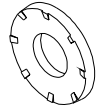
**DO NOT EXCEED LOWER OF TOWING VEHICLE  
MANUFACTURER'S RATING OR:**

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	3500 lb. (1589 kg)	525 lb. (238 kg)
Weight Distributing	N/A	N/A

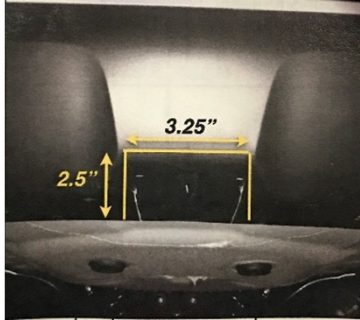


**Hitch Illustration**

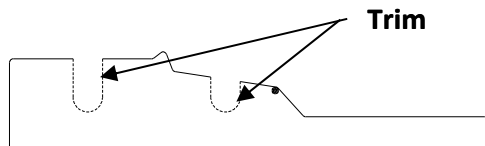
**Always wear SAFETY GLASSES when installing hitch**



**Conical Washer**  
Teeth side  
Against hitch



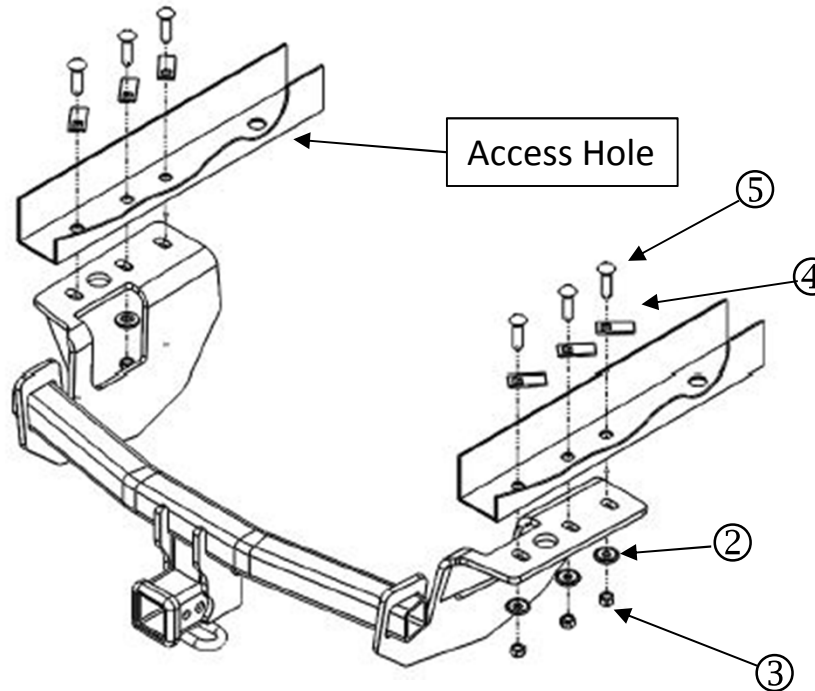
**Figure 4**



**Figure 3: TRIM HEAT SHIELD AS SHOWN TO CLEAR BOLTS.**

# Installation Instructions

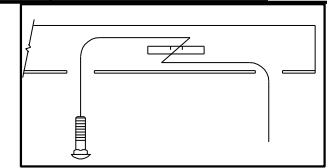
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**Figure 1**

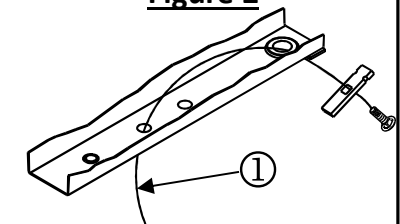
### Fastener Kit: 76182F

①	Qty. (6)	Pull wire 7/16 Part no. 5481	
②	Qty. (6)	Conical Tooth Washer 7/16"	
③	Qty. (6)	Hex Nut 7/16-14	
④	Qty. (6)	Block 7/8"x2" Part no. 01204	
⑤	Qty. (6)	Carriage Bolt 7/16 - 14 x 1.75	



Kink pullwire to keep spacer independent of bolt

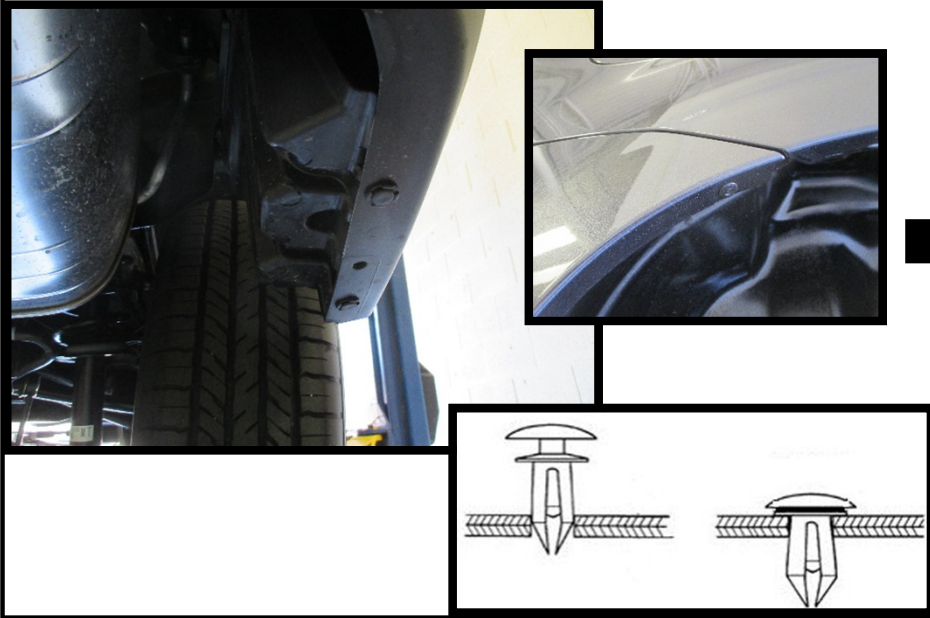
**Figure 2**



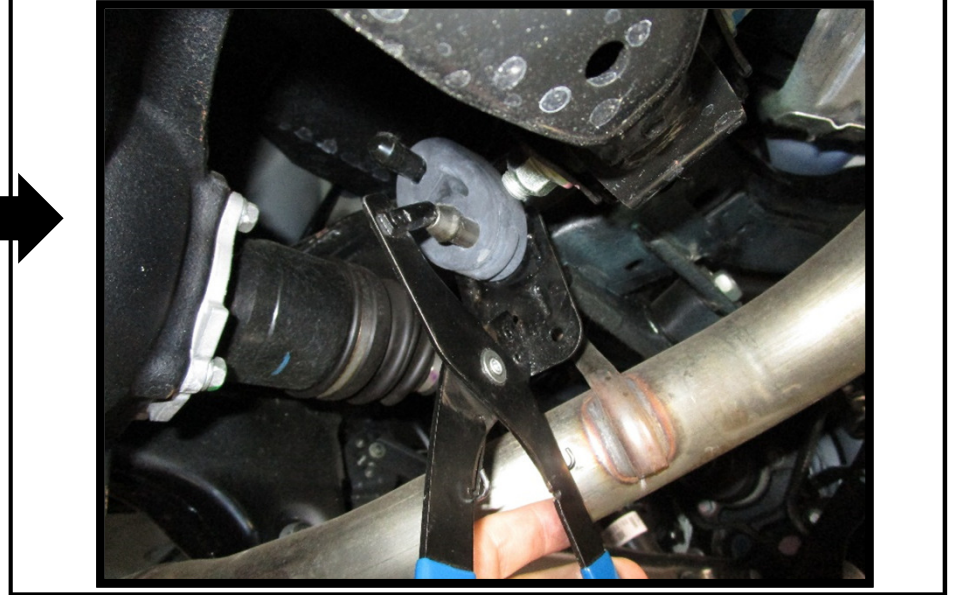
- Remove rear fascia** – Using a flat head screwdriver, remove (6) plastic push rivets, (4) located on the underside of the fascia and (2) in the wheel wells. Open the hatch and remove the (2) screws located near the tail light. Trim fascia according to figure 4.
- Lower muffler** – Using the exhaust removal pliers, lower muffler by removing the (4) rearmost rubber hangers. There are (2) hangers for each exhaust and (1) in the middle of the car. **Note:** A spray of lubricant on rubber hangers makes them slide off metal pins more easily. **NOTE:** Be careful that exhaust is supported before removing rubber hangers.
- Remove heat shield** – Using a 10mm socket, remove (4) screws holding heat shield(s) to vehicle. **NOTE:** vehicles with dual exhaust require the removal of both heat shields.
- Remove rubber plugs** - Using a flat screw driver, remove (4) rubber plugs from the holes in the bottom of the frame, return plugs to customer.
- Trim heat shield** – Using tin snips, trim the heat shield as shown in figure 3.
- Install fasteners** – Feed the coiled end of pull wire through the second attachment hole and out of the forward most access hole in the bottom of frame. Attach the 7/16" carriage bolt and 1/10" thick block (item 4) to the pull wire and pull the fasteners into position, both sides. Repeat process for all attachment points, both sides. Make sure the spacer blocks are sitting flat inside the frame and do not overlap. See figure 2.
- Reinstall heat shield** – Replace (2) of the (4) screws removed previously. Do not replace the screws that go underneath the hitch bracket, the hitch will sandwich the shield into place
- Install hitch** – Raise hitch into position being careful not to push fasteners back into the frame. Loosely install the conical washers (item 2) and hex nuts (item 3) onto carriage bolts, (6) places.
- Tighten all 7/16-14 Gr5 fasteners with torque wrench to 50 Lb.-Ft. ( 68 N\*M)** **▲ Proper torque is needed to keep the hitch secure to the vehicle when towing.**
- Raise muffler** – raise muffler back into position and reattach rubber hangers, (2) per side and (1) in the middle.
- Replace Fascia** – Reinstall fascia and all fasteners removed in step 1.

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch. This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C. Regulation V-5 and SAE J684.

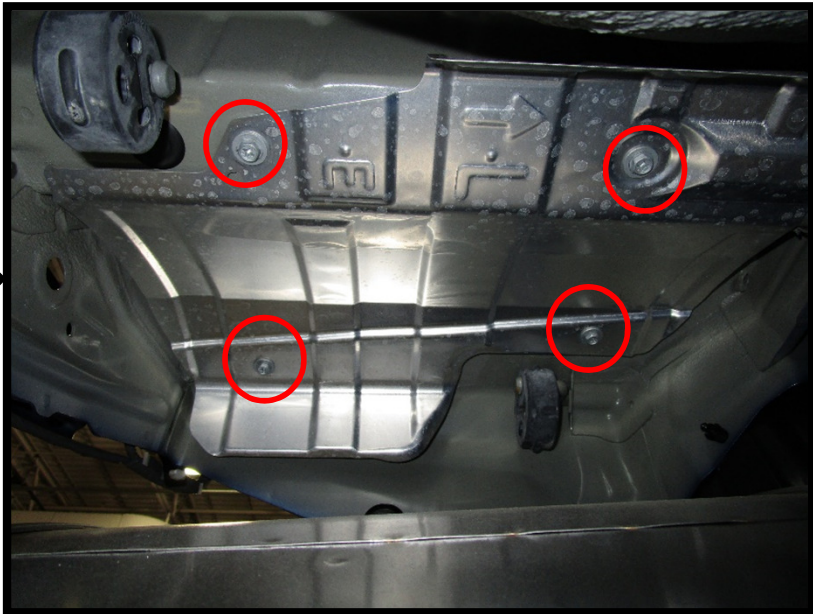
**1. Remove rear fascia** – Using a flat head screwdriver, remove (6) plastic push rivets, (4) located on the underside of the fascia and (2) in the wheel wells. Open the hatch and remove the (2) screws located near the brake light. Trim fascia according to figure 4.



**2. Lower muffler** – Using the exhaust removal pliers, lower muffler by removing the (4) rearmost rubber hangers. There are (2) hangers for each exhaust and (1) in the middle of the car. **Note:** A spray of lubricant on rubber hangers makes them slide off metal pins more easily. **NOTE:** Be careful that exhaust is supported before removing rubber hangers.



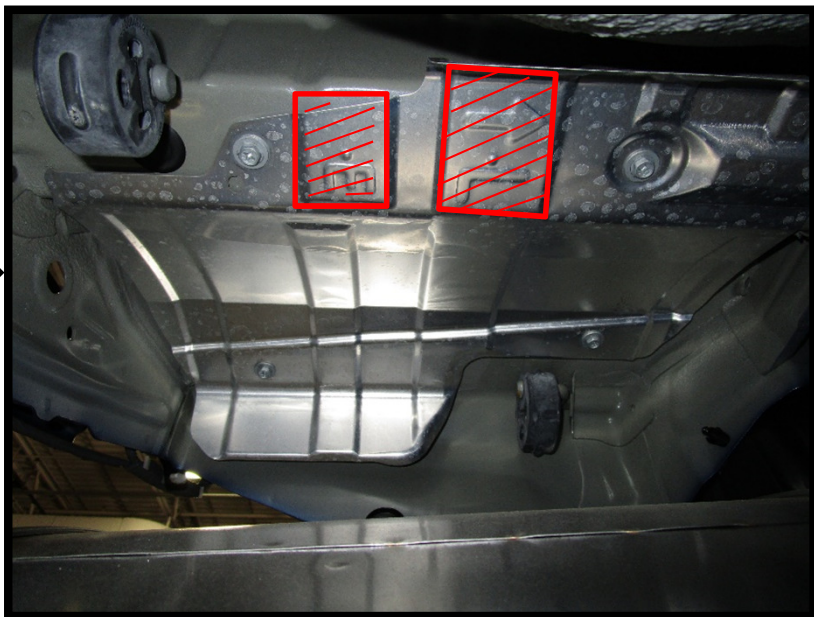
**3. Remove heat shield** – Using a 10mm socket, remove (4) screws holding heat shield(s) to vehicle. **NOTE:** vehicles with dual exhaust require the removal of both heat shields.



**4. Remove rubber plugs** - Using a flat screw driver, remove (4) rubber plugs from the holes in the bottom of the frame, return plugs to customer.



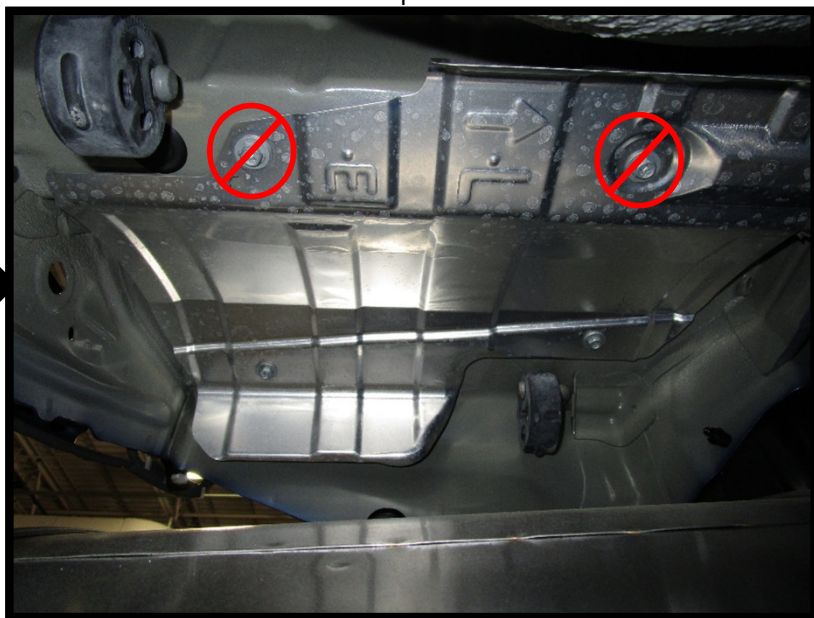
**5. Trim heat shield** – Using metal shears, trim the heat shield as shown in figure 3.



**6. Install fasteners** – Feed the coiled end of pull wire through the second attachment hole and out of the forward most access hole in the bottom of frame. Attach the 7/16" carriage bolt and 1/10" thick block (item 4) to the pull wire and pull the fasteners into position, both sides. Repeat process for all attachment points, both sides. Make sure the spacer blocks are sitting flat inside the frame and do not overlap. See figure 2.



**7. Reinstall heat shield** – Replace (2) of the (4) screws removed previously. Do not replace the screws that go underneath the hitch bracket, the hitch will sandwich the shield into place



**8. Install hitch** – Raise hitch into position being careful not to push fasteners back into the frame. Loosely install the conical washers (item 2) and hex nuts (item 3) onto carriage bolts, (6) places.



**9. Tighten all 7/16-14 Gr5 fasteners with torque wrench to 50 Lb.-Ft. ( 68 N\*M)**

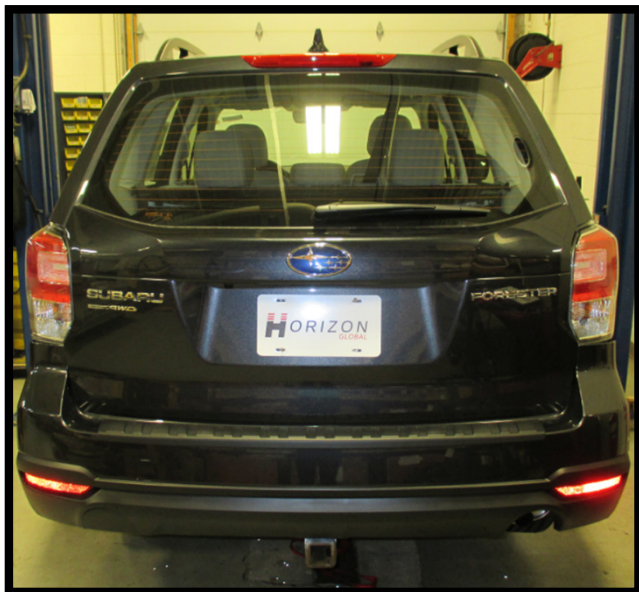


**⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.**

**10. Raise muffler – raise muffler back into position and reattach rubber hangers, (2) per side and (1) in the middle.**



**11. Replace fascia – Reinstall fascia and all fasteners removed in step 1.**



Check out a selection of trailer hitches and towing offered in our online store.