

# CLASS III TRAILER HITCH

## R3-0511

Subaru Forester

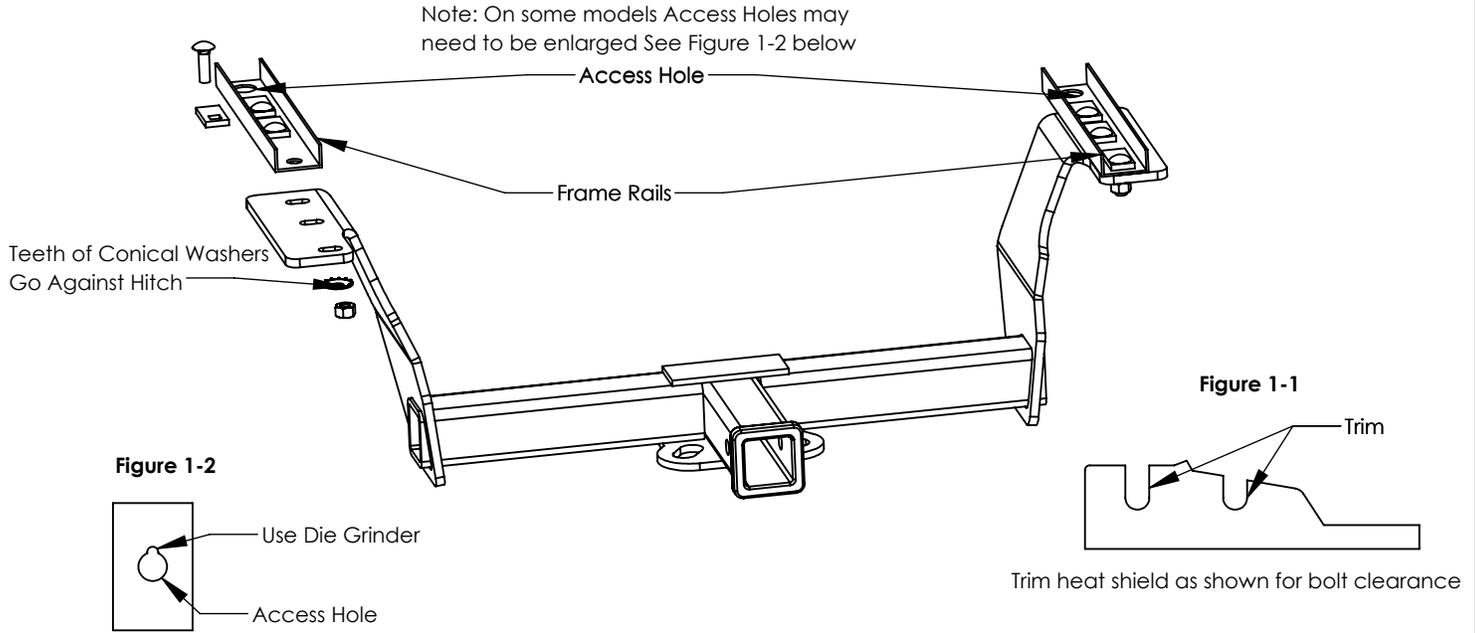
### TOOLS REQUIRED:

DRILLS: NONE

WRENCHES: Ratchet, Torque Wrench,  
Socket Extension, 11/16", 10mm,

**HITCH RATING: 3,500 LBS WEIGHT CARRYING, 350 LBS TONGUE WEIGHT / 4,000 LBS WEIGHT DISTRIBUTING, 400 LBS TONGUE WEIGHT.**  
**WARNING: CONSULT VEHICLE OWNERS MANUAL FOR TOWING RECOMMENDATIONS. DO NOT EXCEED VEHICLE'S RECOMMENDED TOWING CAPACITY. THIS PRODUCT IS DESIGNED FOR TRAILER TOWING ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.**

**NOTE: INSTALL PARTS LOOSELY UNTIL ALL ATTACHMENTS HAVE BEEN MADE TO VEHICLE**



1. Lower the exhaust by disconnecting the rubber isolators. Note: Support exhaust to prevent damaging vehicle.
2. Remove the heat shield(s) by removing the four heat shield screws. Retain shield(s) and screws for reinstallation. Note: The heat shield(s) will need to be trimmed to create clearance for the hitch mounting bolts. (See Figure 1-1)
3. Remove the four plastic plugs from each frame rail saving the plugs for the two access holes to be reinstalled after hitch is installed.
4. Locate the 3 holes in each frame rail where the hitch will mount and the access hole forward of the mounting holes. Thread a carriage bolt and block plate on to a fish wire and insert them through the access hole and into the rearmost mounting hole on either frame rail. Repeat this process for the remaining holes. Leave the fish wires attached to the bolts until the hitch is installed in Step 6.
5. Reinstall the trimmed heat shield(s) using three of the four mounting screws removed in Step 2. Do not reinstall the rearmost fastener on the frame rail. Note: Heat shield(s) will be sandwiched between the hitch and frame rail(s).
6. Thread the fish wires through the mounting holes in the hitch and raise the hitch into position. Using care not to push the carriage bolts back up into the frame remove the fish wires and secure with the conical washers and hex nuts provided. Torque all fasteners to 50 LB-FT. Reinsert the plastic plugs into the access holes.
7. Raise the exhaust back up into position and reattach the rubber isolators disconnected in Step 1.

**Thank you for purchasing a Rigid Hitch**

### Hardware Package:

(6) 7/16-14 x 1-3/4" Carriage Bolts

(6) 1/4 x 1 x 2" Offset Sq. Hole Block Plates

(6) 7/16" Conical Washers

(6) 7/16-14 Hex Nuts

(6) 7/16" Fish Wires

### GIVE THIS INSTRUCTION SHEET TO VEHICLE OWNER

BOLT TIGHTENING TORQUE (LB-FT)			
BOLT SIZE	TORQUE	BOLT SIZE	TORQUE
3/8"	25 LB FT	8MM	20 LB FT
7/16"	50 LB FT	10MM	38 LB FT
1/2"	60 LB FT	12MM	68 LB FT
3/4"	120 LB FT	14MM	115 LB FT

**THIS PRODUCT COMPLIES WITH SAFETY SPECIFICATIONS AND REQUIREMENTS FOR SAE AND VESC REGULATION V-5 FOR CONNECTING DEVICES AND TOWING SYSTEMS. DO NOT MODIFY THIS PRODUCT. INSTALL ONLY ON SPECIFIED VEHICLES IN GOOD CONDITION.**

**RIGID<sup>®</sup>**  
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