Installation Instructions

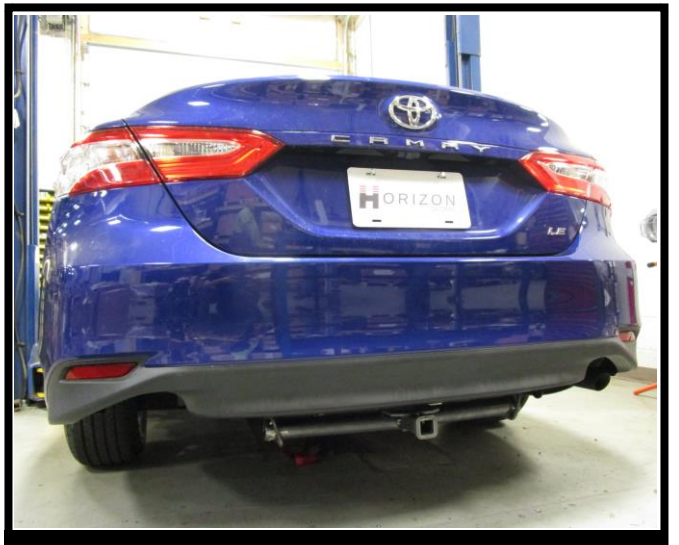
PART NUMBERS: 36643, 06187, CQT36643

Applications:

Years	Make	Models
2018-Current*	Toyota	Camry

Installation Time: 40 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.



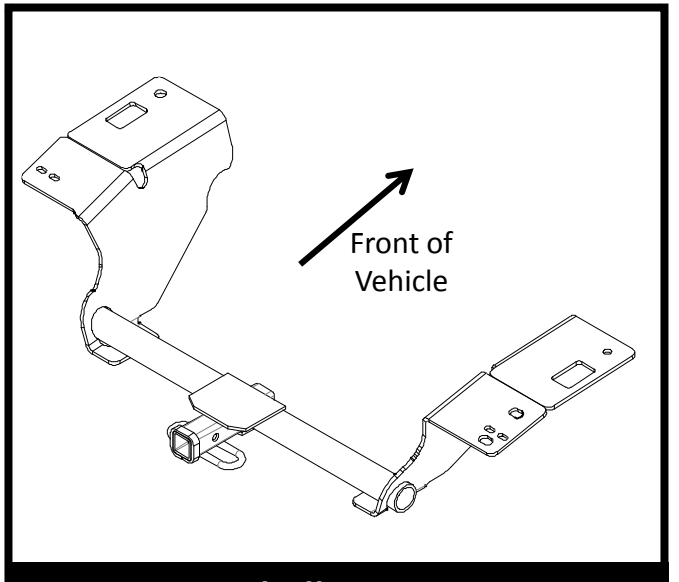
Representative Vehicle Photo

Equipment Required:



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)	350 lb. (159 kg)
Weight Distributing	N/A	N/A



Hitch Illustration

Always wear SAFETY GLASSES when installing hitch

Installation Instructions

PART NUMBERS: 36643, 06187, CQT36643

Authorized Drawbar Kit:
36071 (Sold Separately)
Drawbar must be used in the **RISE** position only.



Conical washer teeth side against hitch

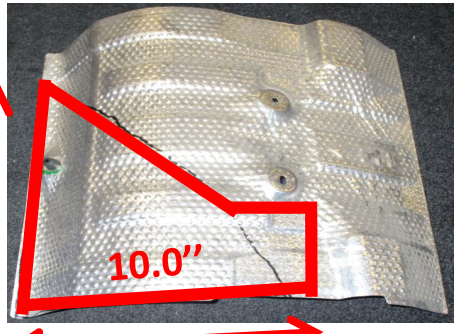


Figure 2

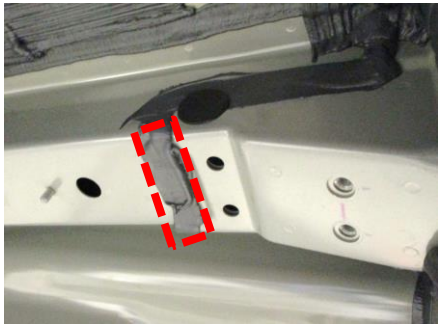


Figure 3

Fastener Kit: 36643F		
①	Qty. (2)	Carriage bolt 7/16’’-14x1.5, GR5
②	Qty. (2)	Spacer .109 x .88 x 2.0 Part #: 1204
③	Qty. (2)	Conical washer 7/16’’ Part #: 01292007
④	Qty. (2)	Hex nut 7/16’’-14, GR2
⑤	Qty. (2)	Pull wire 7/16’’ Part #: 5481
⑥	Qty. (4)	Bolt M8 1.25 x 35, CL 9.8

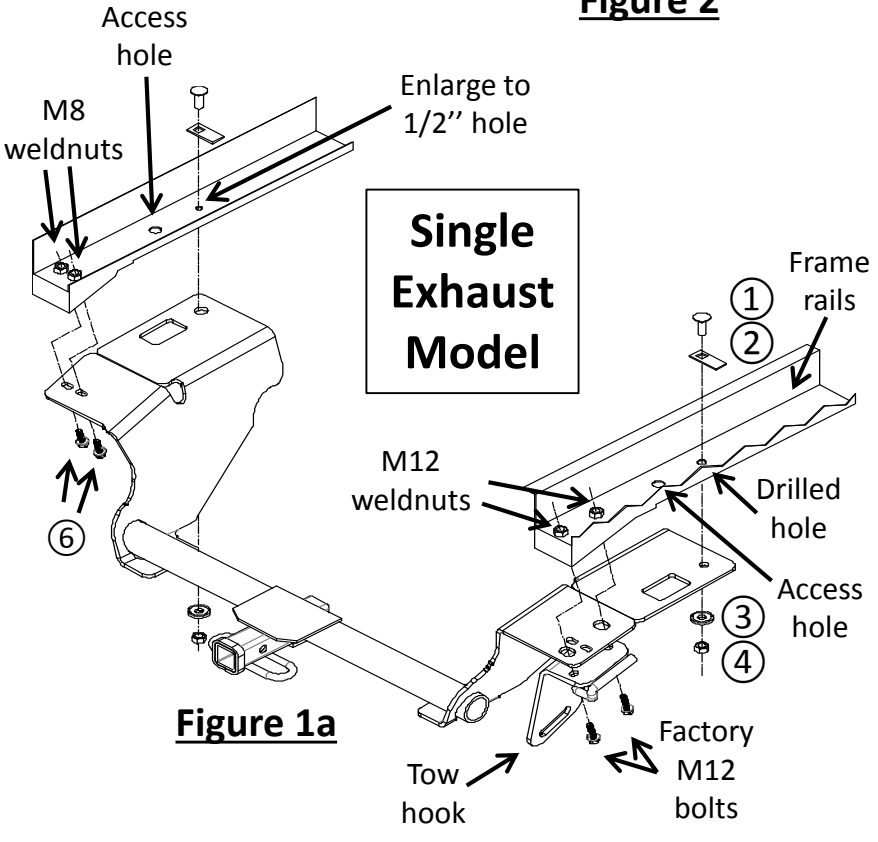


Figure 1a

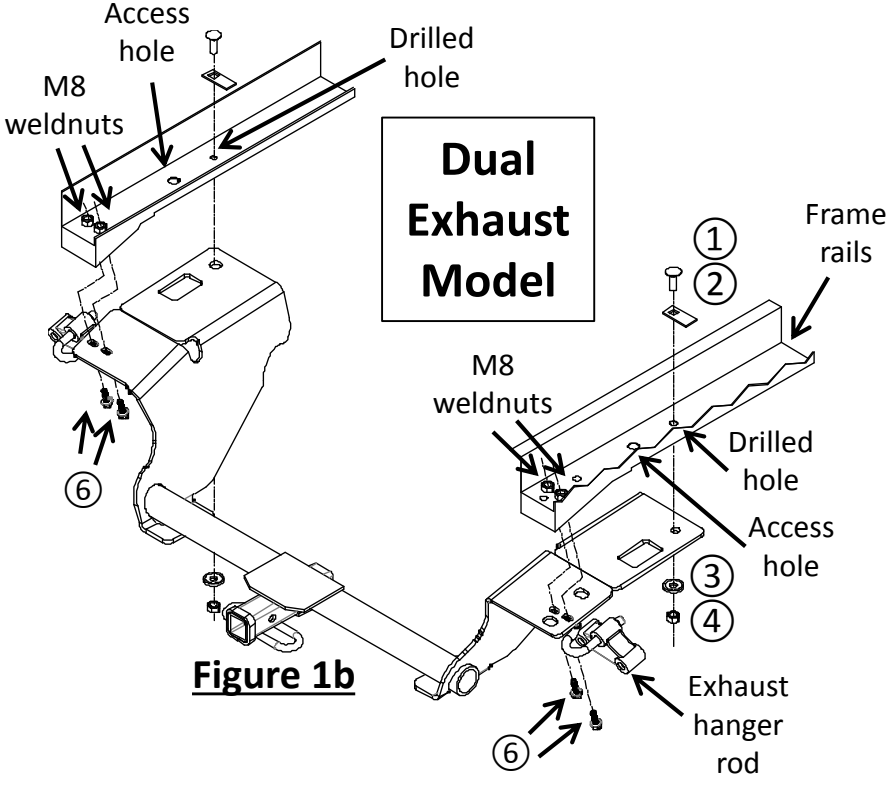


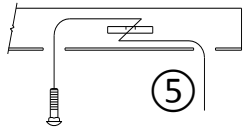
Figure 1b

Installation Instructions

PART NUMBERS: 36643, 06187, CQT36643

1. **Remove bottom appearance panel** - Using panel removal tool, remove (7) plastic rivets (single exhaust model) or (4) plastic rivets (dual exhaust model) from bottom appearance panel. Using 10 mm socket, remove (1) screw from front end of panel on driver side. Using 10 & 12 mm socket, loosen (5) plastic flange nuts underneath trunk pan. Remove bottom appearance panel.
2. **Lower exhaust muffler** - Using exhaust removal pliers, remove rubber hangers at (3) locations. Be sure to support exhaust before removing rubber hangers. **NOTE:** For dual exhaust model, using 12 mm socket, remove (4) factory M8 bolts from exhaust hanger rod, (2) per side. Separate exhaust hanger rod from rubber hanger. Using exhaust removal pliers, remove the other rubber hangers at (3) locations. Return (4) factory M8 bolts to vehicle owner.
3. **Remove/trim heat shield(s) -** Using 10 mm socket, remove (2) flange nuts from heat shield, both sides for dual exhaust models. Trim the heat shield(s) as shown in **Figure 2**.
4. **Enlarge access/attachment holes -** Remove rubber plugs from access holes and passenger side forward attachment hole on the frame, see **Figure 1a, 1b**. Using a die grinder with cutting bit, enlarge the access holes to fit the head of carriage bolt ①, both sides, see **Figure 1a, 1b**. Using a 1/2'' drill, enlarge forward attachment hole on driver's side, if present, see **Figure 1a**.
5. **Install hitch (for dual exhaust model, skip step 5a & 5b) –**
   (a) Using 12 mm socket, remove (2) factory M8 bolts from driver side frame rails. Return to vehicle owner.
   (b) Using 17 mm socket, remove (2) factory M12 bolts from tow hook on passenger side. Keep bolts and tow hook for reinstallation.
   (c) Using utility knife, remove caulk from bottom of frame near rear mounting holes both sides, see **Figure 3**. **NOTE:** If seam is exposed, reseal with thin layer of sealant.
   (d) Reinstall the heat shield(s).
   For single exhaust model: Raise the hitch into position and loosely install (2) M8 bolts ⑥ into existing weldnuts on driver side. Using (2) factory M12 bolts, install the tow hook on top of hitch, see **Figure 1a**. Using the hitch as a template, drill a 1/2'' hole through heat shield/frame on passenger's side forward attachment.
   For dual exhaust model: Raise the hitch into position and loosely install (2) M8 bolts ⑥ with exhaust hanger rod into existing weldnuts, both sides, see **Figure 1b**. Using the hitch as a template, drill a 1/2'' hole through heat shield/frame on both sides forward attachment, see **Figure 1b**.
   (e) Using pull wire ⑤, install the carriage bolt ① and spacer ② into frame rails to bracket holes, both sides, see **Figure 1a,1b & 4**. Remove pull wires and loosely install conical washer ③, and hex nut ④ onto carriage bolt, both sides.
6. **Tighten all M8 fasteners with torque wrench to 25 Lb.-Ft. (34 N*M), M12 fasteners to 76 Lb.-Ft. (103 N*M), and 7/16 fasteners to 50 Lb.-Ft. (68 N*M).**
7. **Trim bottom appearance panel (single exhaust model only)** as shown in **Figure 5**.
8. Reinstall all fasteners, exhaust muffler, and bottom appearance panel removed in Step 1, 2.

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



Kink pullwire to keep spacer independent of bolt

Figure 4

Single Exhaust Model

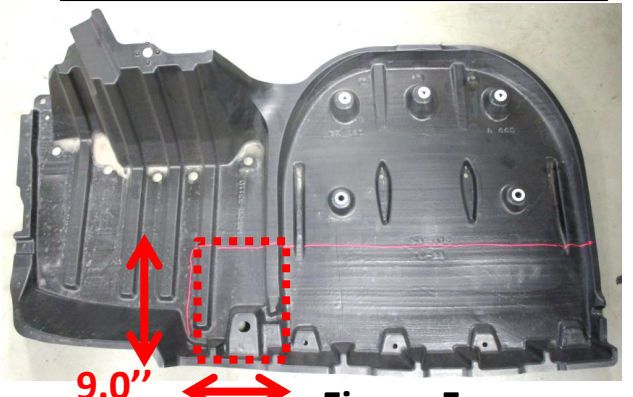
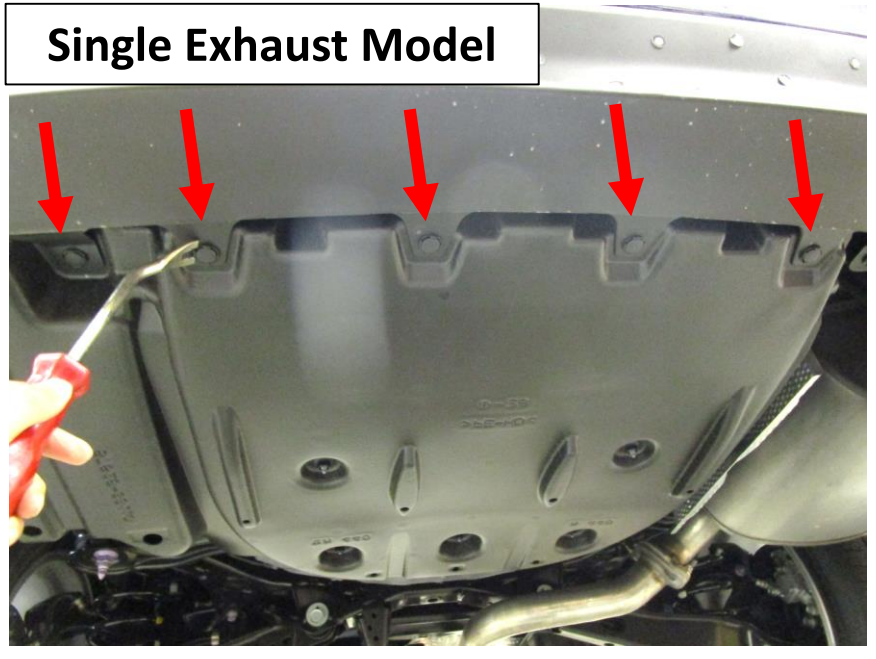


Figure 5

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.

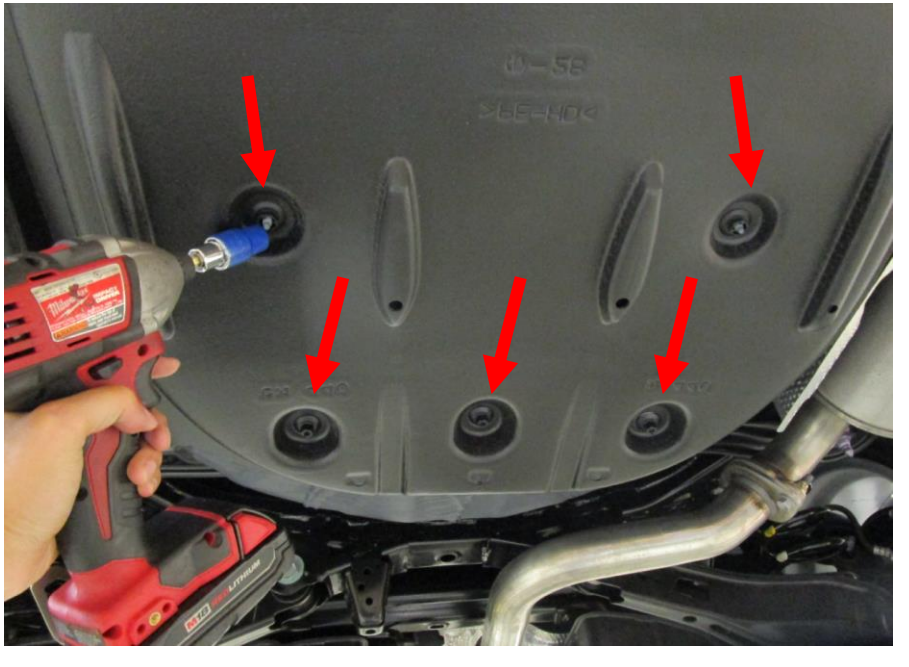
1. Remove bottom appearance panel - Using panel removal tool, remove (7) plastic rivets (single exhaust model) or (4) plastic rivets (dual exhaust model) from bottom appearance panel. Using 10 mm socket, remove (1) screw from front end of panel on driver side. Using 10 & 12 mm socket, loosen (5) plastic flange nuts underneath trunk pan. Remove bottom appearance panel.

Single Exhaust Model

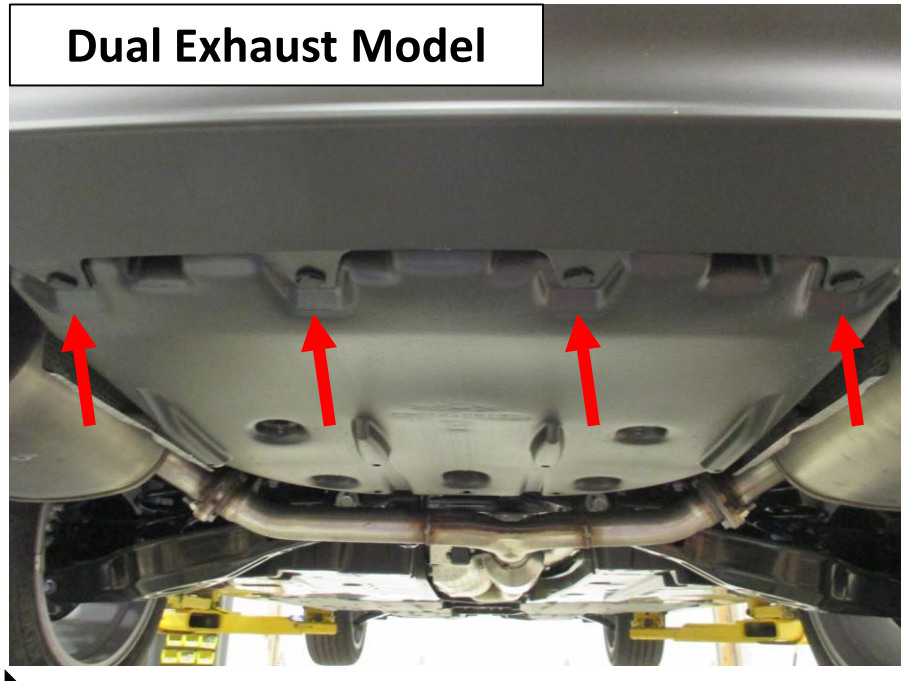


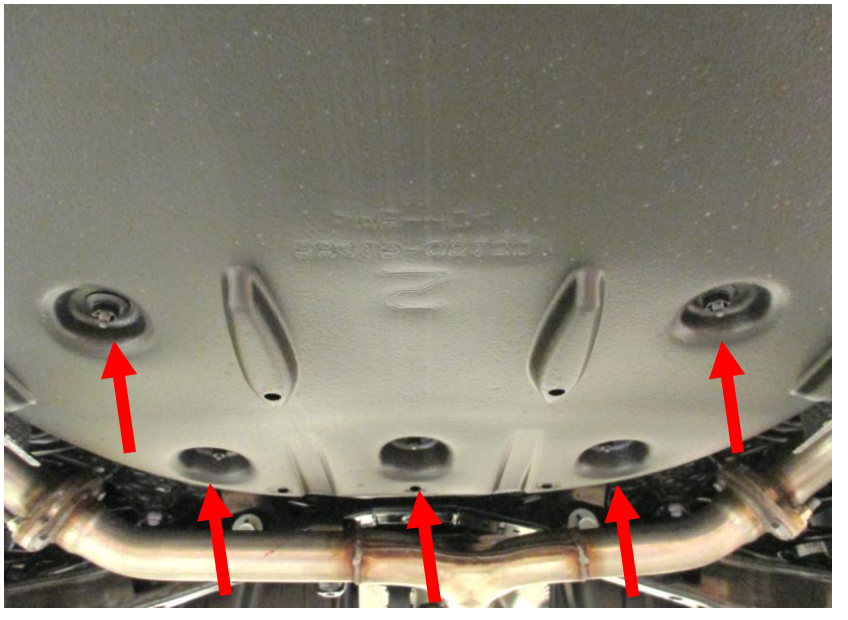


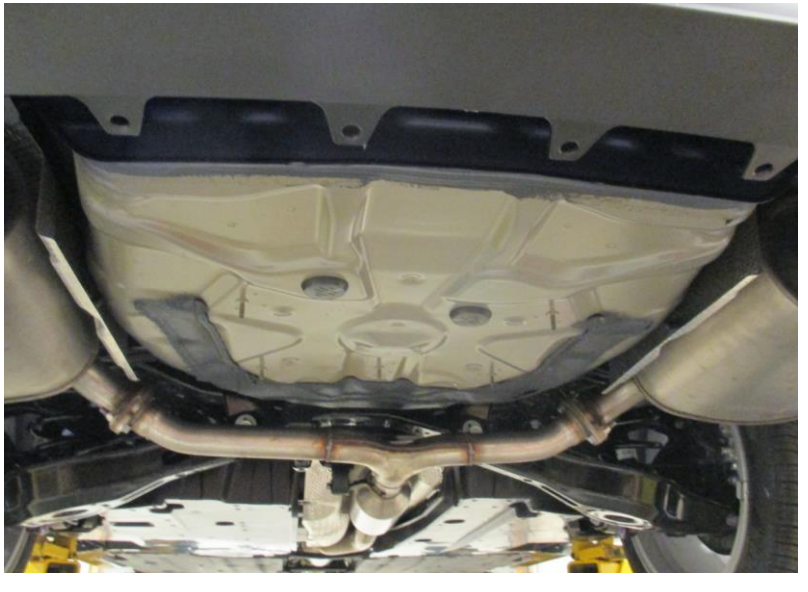




Dual Exhaust Model



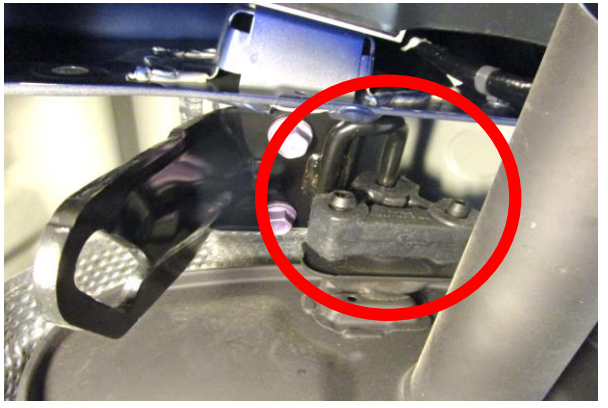






2. Lower exhaust muffler - Using exhaust removal pliers, remove rubber hangers at (3) locations. Be sure to support exhaust before removing rubber hangers. **NOTE:** For dual exhaust model, using 12 mm socket, remove (4) factory M8 bolts from exhaust hanger rod, (2) per side. Separate exhaust hanger rod from rubber hanger. Using exhaust removal pliers, remove the other rubber hangers at (3) locations. Return (4) factory M8 bolts to vehicle owner.

Single Exhaust Model







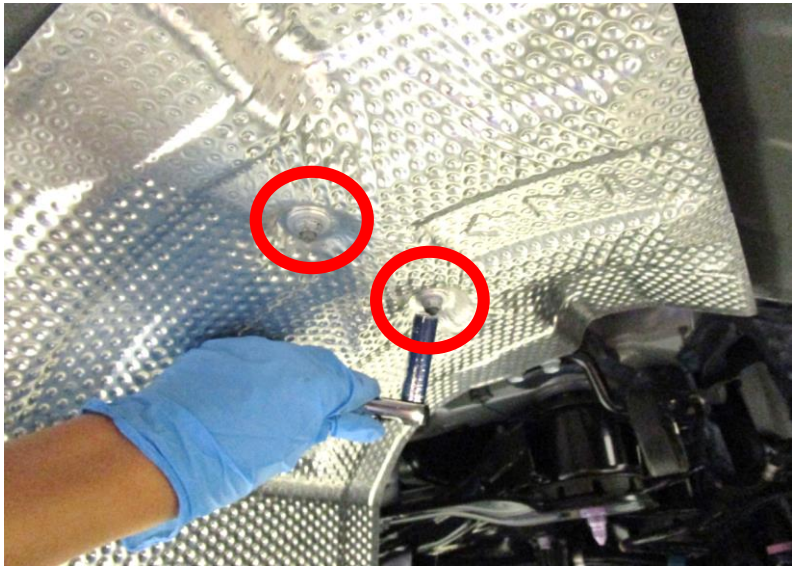
Dual Exhaust Model

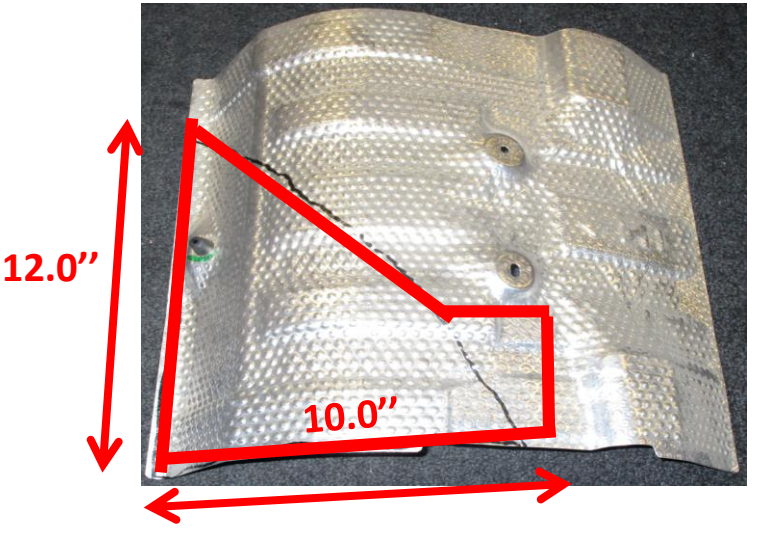


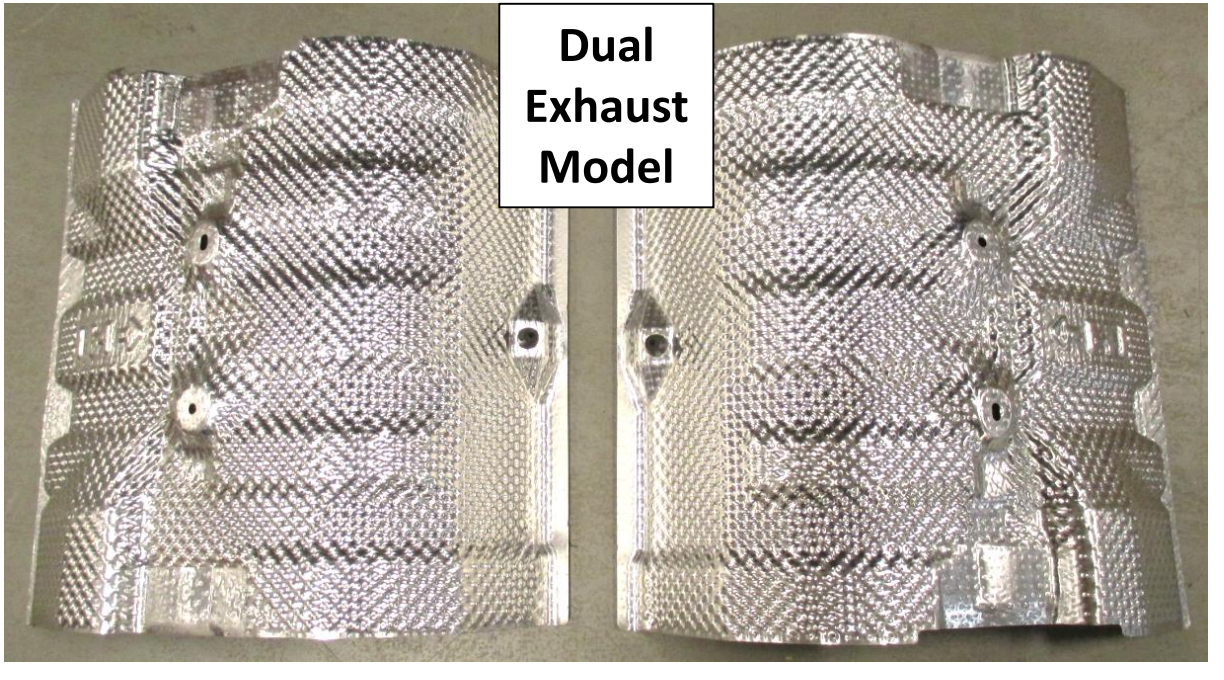


3. Remove/trim heat shield(s) - Using 10 mm socket, remove (2) flange nuts from heat shield, both sides for dual exhaust models. Trim the heat shield(s) as shown in **Figure 2**.



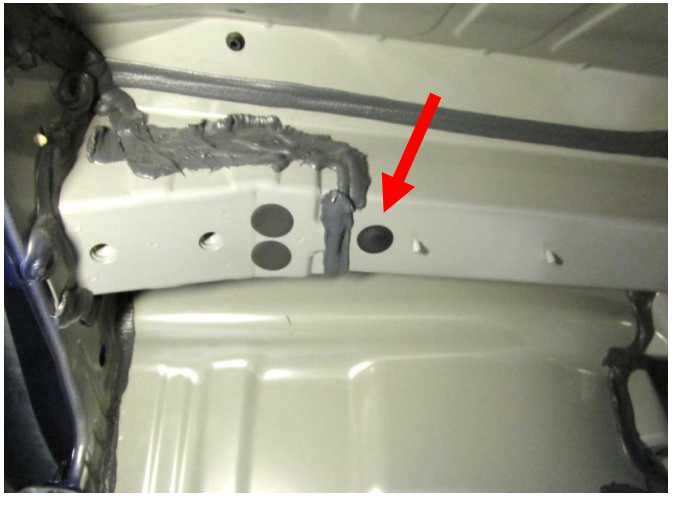






4. Enlarge access/attachment holes - Remove rubber plugs from access holes and passenger side forward attachment hole on the frame, see **Figure 1a, 1b**. Using a die grinder with cutting bit, enlarge the access holes to fit the head of carriage bolt ①, both sides, see **Figure 1a, 1b**. Using a 1/2'' drill, enlarge forward attachment hole on driver's side, if present, see **Figure 1a**.









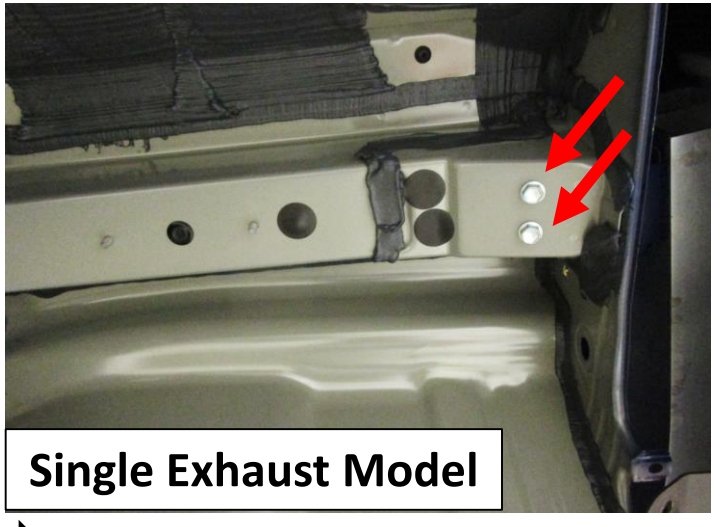


Enlarge this hole to Ø 0.5'' if hole is present

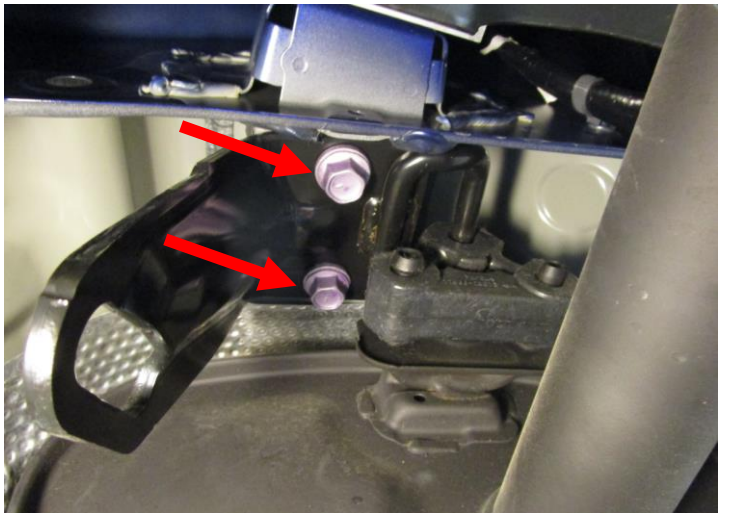
5. Install hitch (for dual exhaust model, skip step 5a & 5b) –

(a) Using 12 mm socket, remove (2) factory M8 bolts from driver side frame rails. Return to vehicle owner.

(b) Using 17 mm socket, remove (2) factory M12 bolts from tow hook on passenger side. Keep bolts and tow hook for reinstallation.

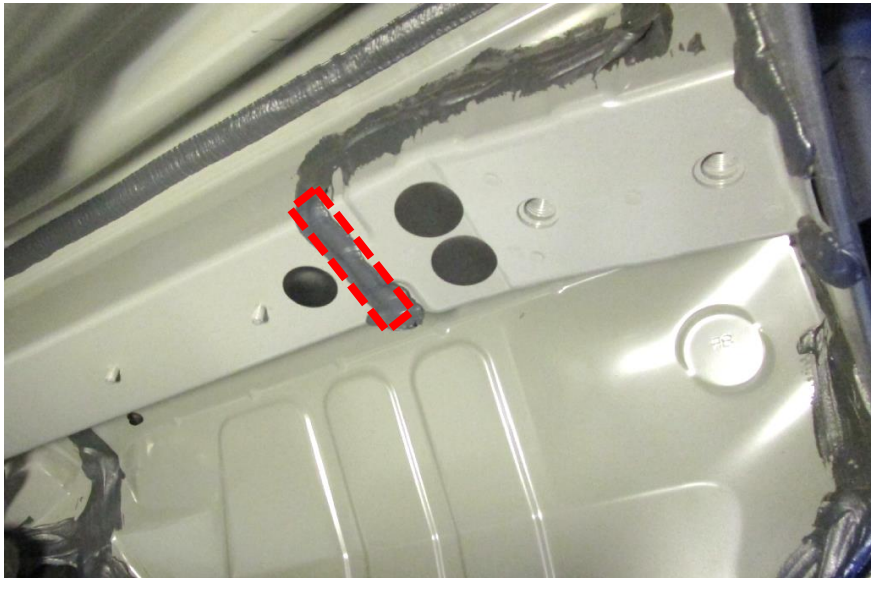


Single Exhaust Model





(c) Using utility knife, remove caulk from bottom of frame near rear mounting holes both sides, see **Figure 3**. NOTE: If seam is exposed, reseal with thin layer of sealant.





5. Install hitch – (d) Reinstall the heat shield(s).
For single exhaust model: Raise the hitch into position and loosely install (2) M8 bolts ⑥ into existing weldnuts on driver side. Using (2) factory M12 bolts, install the tow hook on top of hitch, see **Figure 1a**. Using the hitch as a template, drill a 1/2'' hole through heat shield/frame on passenger's side forward attachment.
For dual exhaust model: Raise the hitch into position and loosely install (2) M8 bolts ⑥ with exhaust hanger rod into existing weldnuts, both sides, see **Figure 1b**. Using the hitch as a template, drill a 1/2'' hole through heat shield/frame on both sides forward attachment, see **Figure 1b**.

Single Exhaust Model





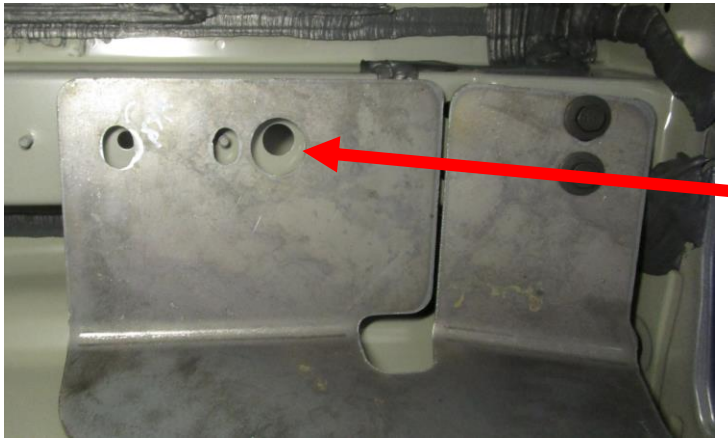


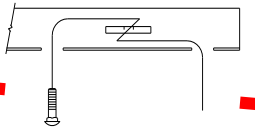
Drill a Ø 0.5'' hole

Dual Exhaust Model

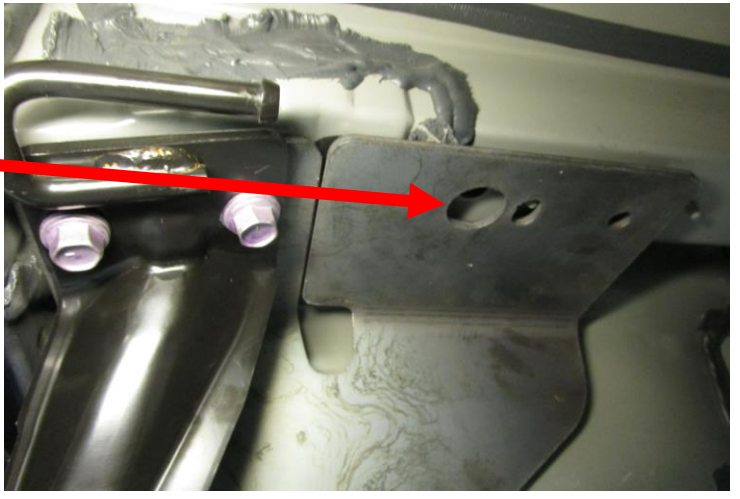


5. Install hitch – (e) Using pull wire ⑤, install the carriage bolt ① and spacer ② into frame rails to bracket holes, both sides, see **Figure 1a, 1b, and 4**. Remove pull wires and loosely install conical washer ③, and hex nut ④ onto carriage bolt, both sides.





Kink pullwire to keep spacer independent of bolt



6. Tighten all M8 fasteners with torque wrench to 25 Lb.-Ft. (34 N*M), M12 fasteners to 76 Lb.-Ft. (103 N*M), and 7/16 fasteners to 50 Lb.-Ft. (68 N*M).



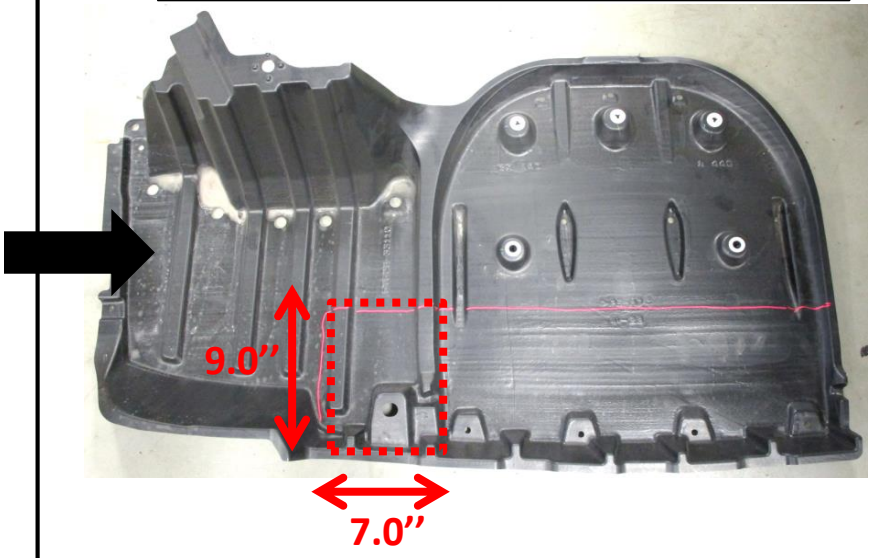
⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.



7. Trim bottom appearance panel (single exhaust model only) as shown in Figure 5.

8. Reinstall all fasteners, exhaust muffler, and bottom appearance panel removed in Step 1, 2.

Single Exhaust Model







On our website you can discover more about trailer hitches and towing.