



HIGH FLOW MIDPIPE INSTALLATION INSTRUCTIONS

PART NUMBER D660-0060

APPLICATION: 2015-17 F80 M3
2015-17 F82 M4

Congratulations for being selective enough to use a Dinan High Flow Midpipe Kit. We have spent many hours developing this kit to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you have any difficulties during the installation.

Familiarity with BMW recommended procedures is required to install this kit. These documents are available at <http://www.bmwtechinfo.com/>

DO NOT WORK ON VEHICLES SUPPORTED BY A JACK ONLY. USE SECURE JACK STANDS!

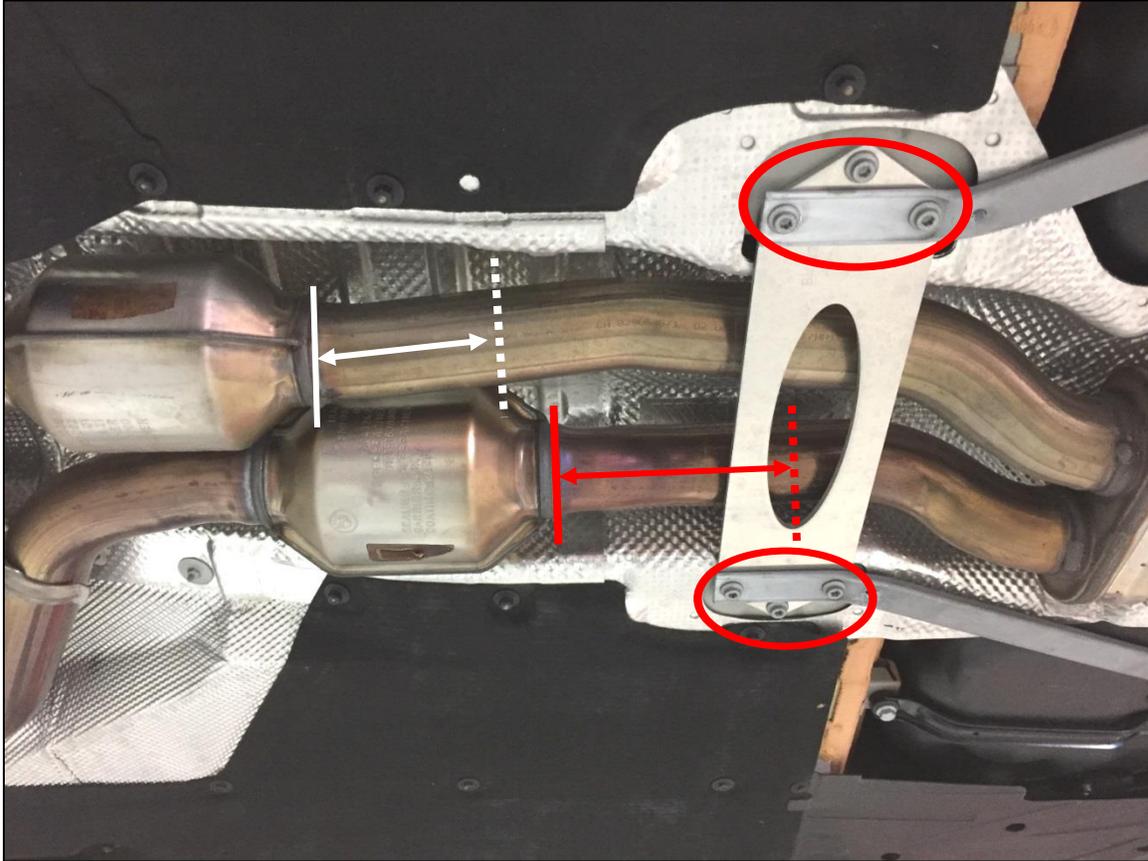
PARTS LIST

Qty	Part #	Description
1	D662-0436	Midpipe Assembly
1	D663-0302	Hardware Kit; includes: (2) D662-9230 63.5mm Clamps (2) D662-9243 65mm Couplers (2) D662-0471 Spacer Plates

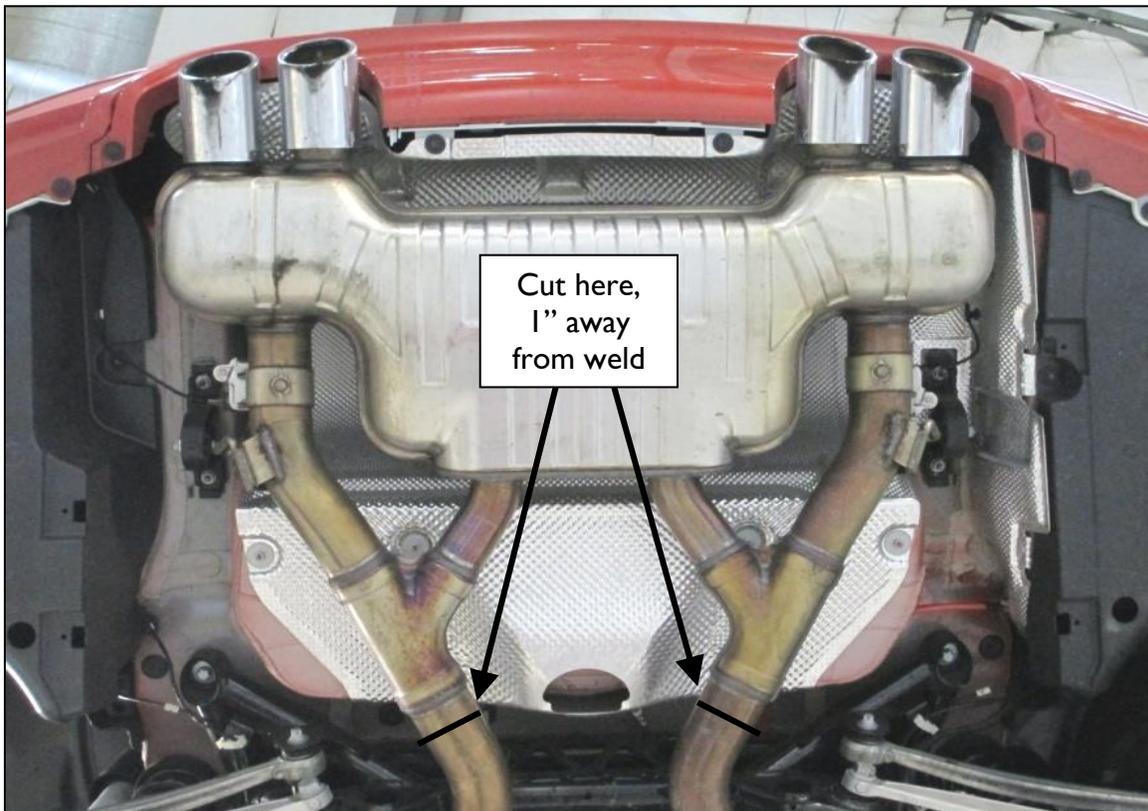
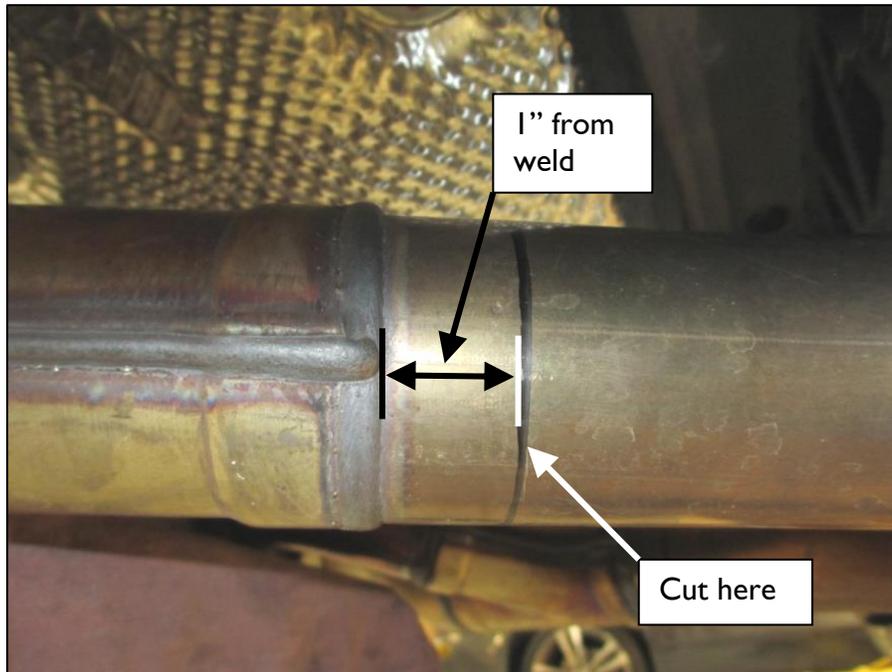


INSTALLATION:

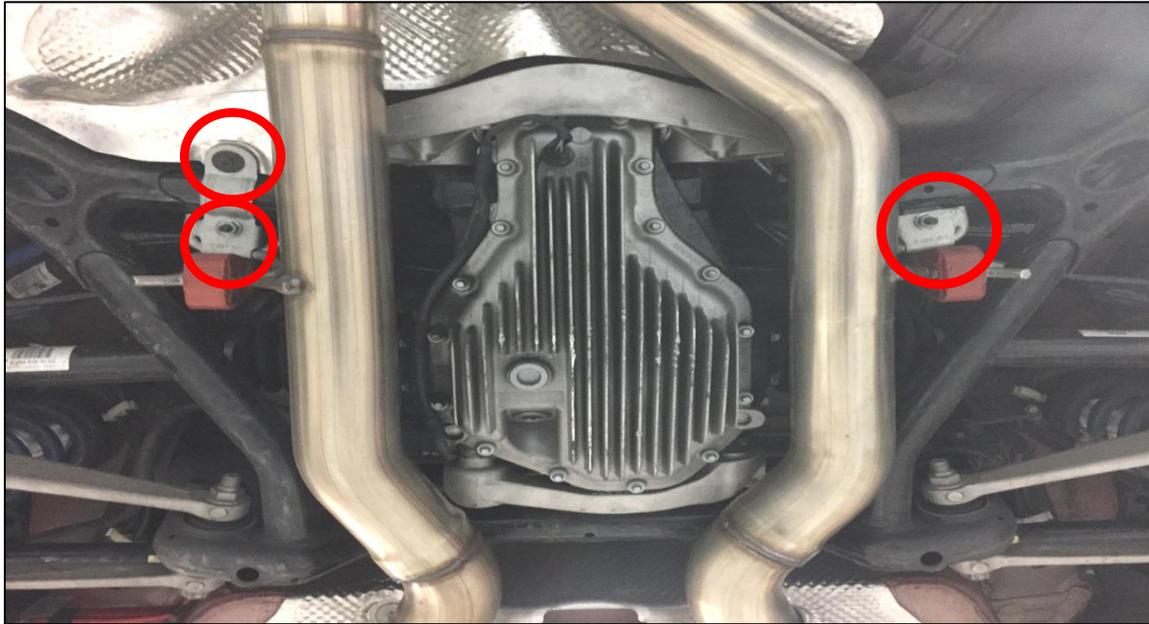
1. See photo below. Release the six bolts from the center cross brace and remove brace.
2. Support the exhaust securely with jacks or a stands, and make front cuts:
 - On the left-side pipe, measure back from the weld 4.5" and make a mark (see WHITE lines below).
 - On the right-side pipe, measure back from the weld 7.5" and make a mark (see RED lines below).
 - Cut both pipes.



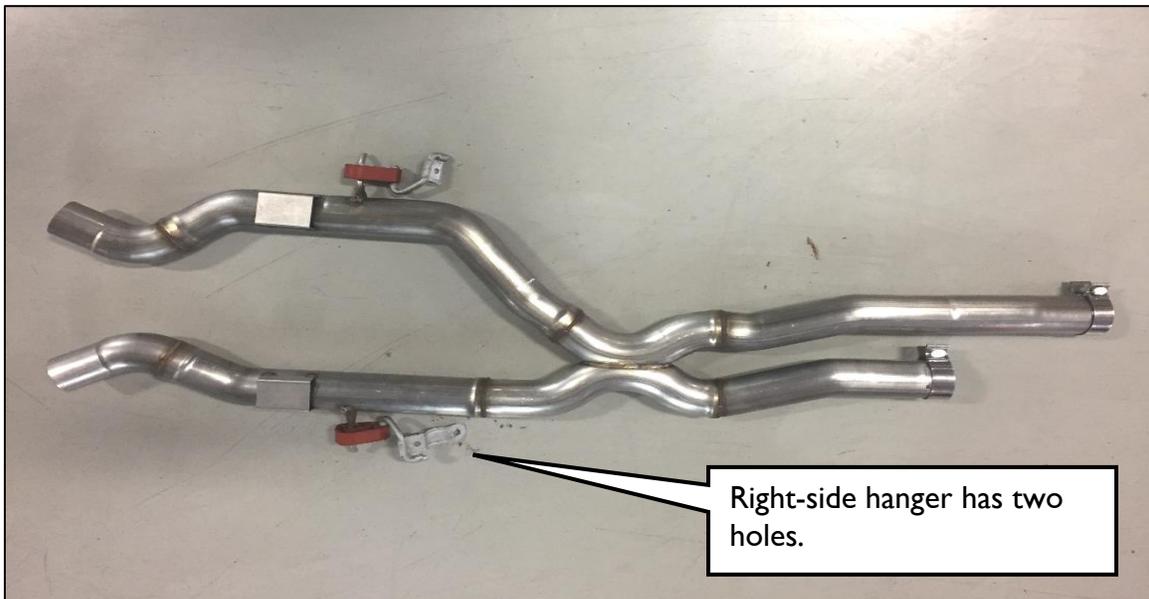
3. Support the muffler securely with jacks or a stands.
4. Make rear cuts (Note -- if you have a Dinan muffler installed, simply remove the muffler clamps and skip to the next step):
 - Cut the stock muffler 1" forward of the weld on the Y-pipes as shown in the photos below.



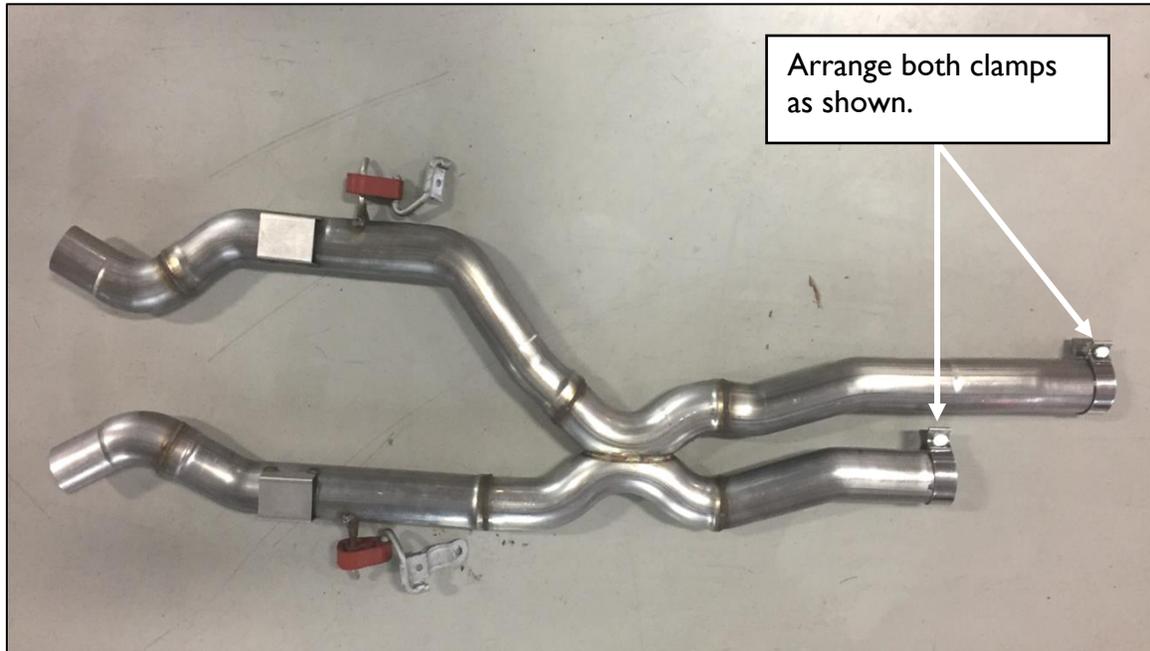
5. Remove the two nuts and one bolt that hold the hangers to the subframe, and remove stock midpipe from car.



6. Transfer hangers:
 - Remove the two rubber hangers from the stock midpipe.
 - Install the rubber hangers onto the Dinan midpipe.
 - Note: The bracket with the two bolts belongs on the right side pipe as shown.



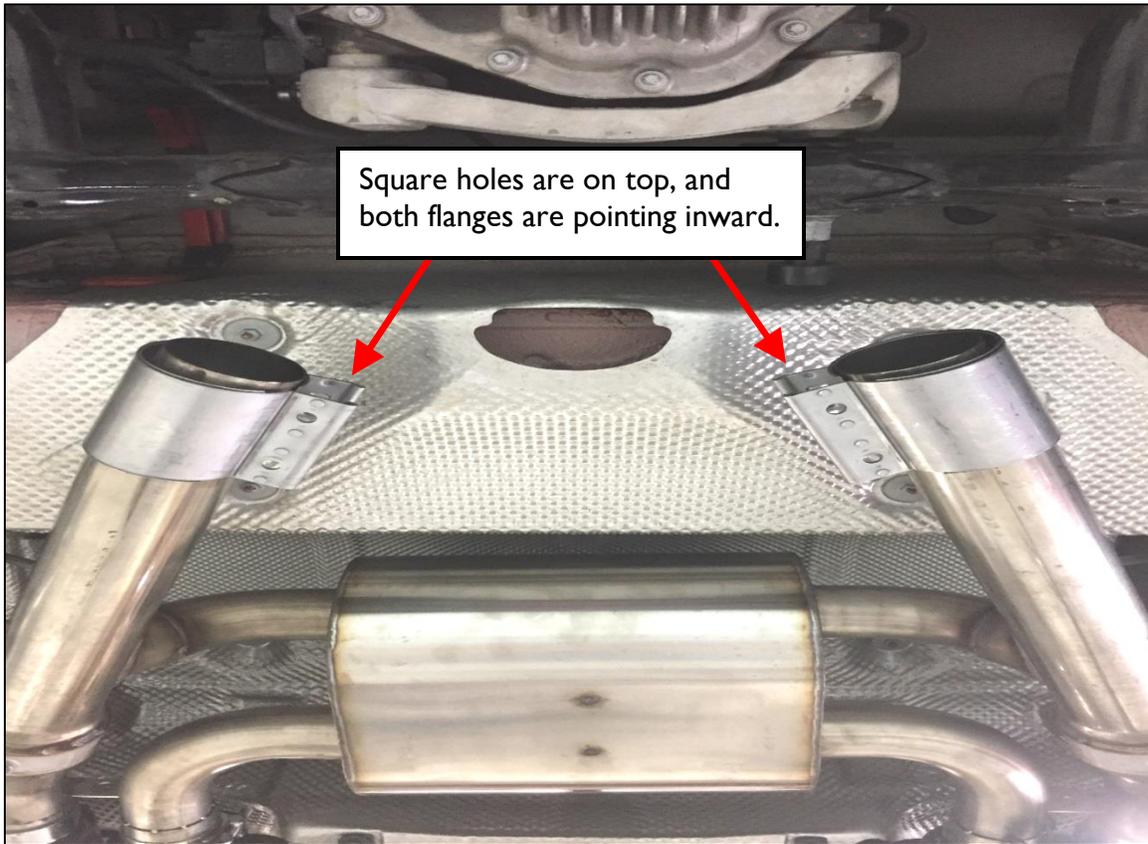
7. Install the 2 clamps onto the front pipes. Note that the bolts are on the left-side of the pipes, and the nuts are facing downward.



8. Install the 2 coupler clamps onto the rear muffler:

- Disassemble the clamps as shown.
- Slide clamps onto the muffler pipes with the square holes facing up and the flanges pointing inward as shown.



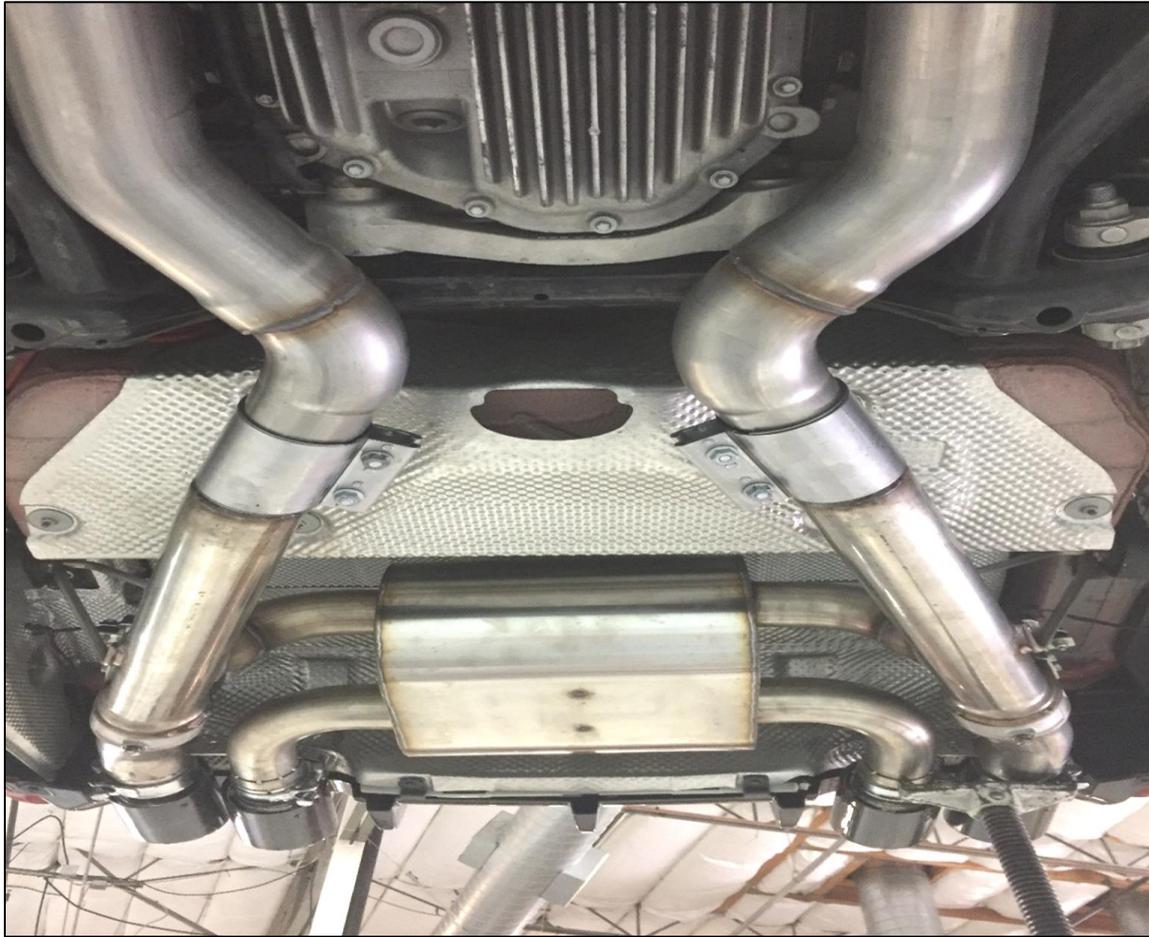


9. Install the Dinan midpipe:

- Slide the midpipe onto the front pipes first.
- Install the 2 nuts that hold the hangers to the car.



10. Slide the 2 muffler clamps forward onto the midpipe and reinstall the clamp hardware.



11. Adjust fitment to obtain 1/4" clearance between the heat shield and the left-side pipe near the fuel tank. This clearance will naturally increase when the exhaust gets hot.



12. Attach front clamps:

- Using a screw jack or similar tool, push the front of the midpipe upward & hold it in its highest position.
- Make sure the forward pipe is about 2-3/8" away from the weld as shown. This is a good starting point, but further adjustment may be required later.
- Position both clamps about 1/4" from the ends of the Dinan pipes as shown.
- Tighten both clamps.

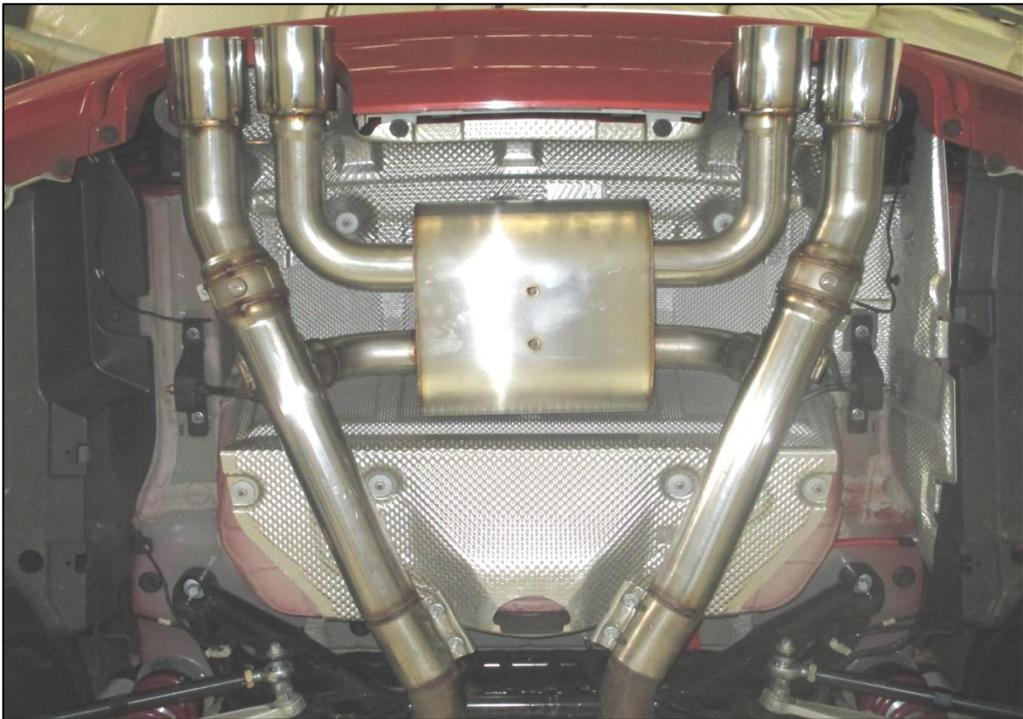


13. Rotate and position the muffler clamps as shown, and torque clamps to the specs below. Remove screw jack.:

- For 8mm bolts -- torque to **24 ft-lbs (32 Nm).**
- For 10mm bolts -- torque to **45 ft-lbs (61 Nm).**

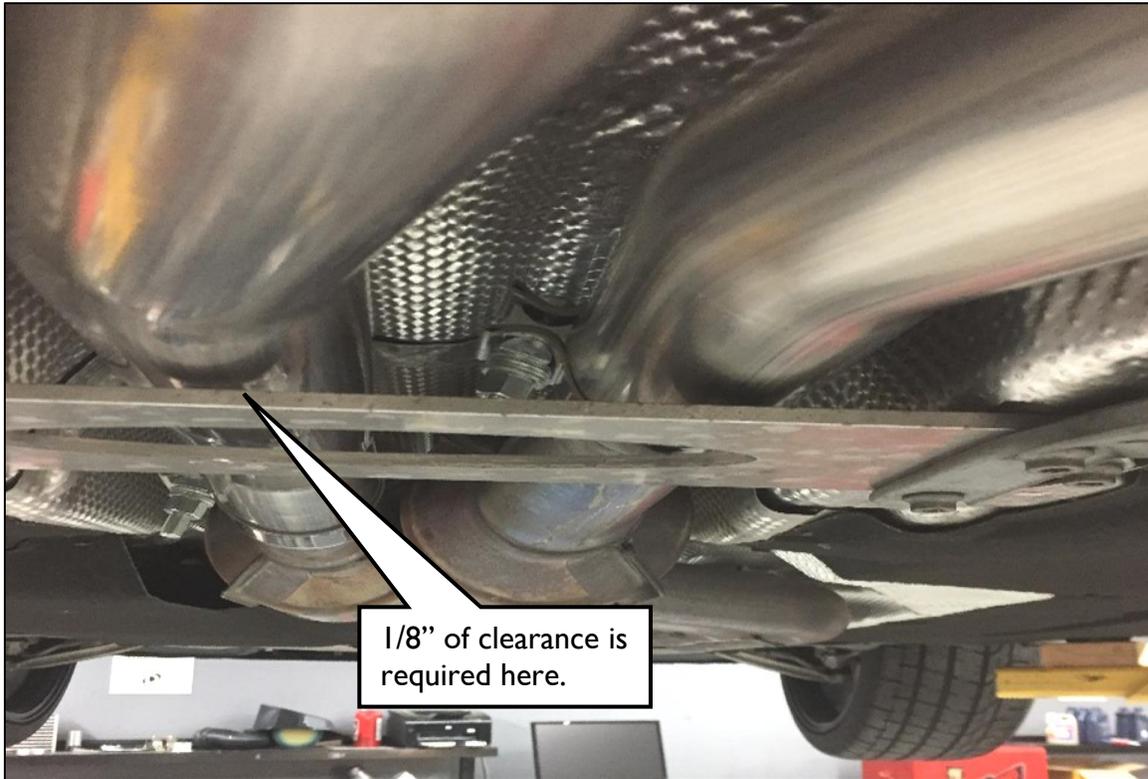


14. Check the exhaust tips for proper bumper clearance and alignment per the photos below.

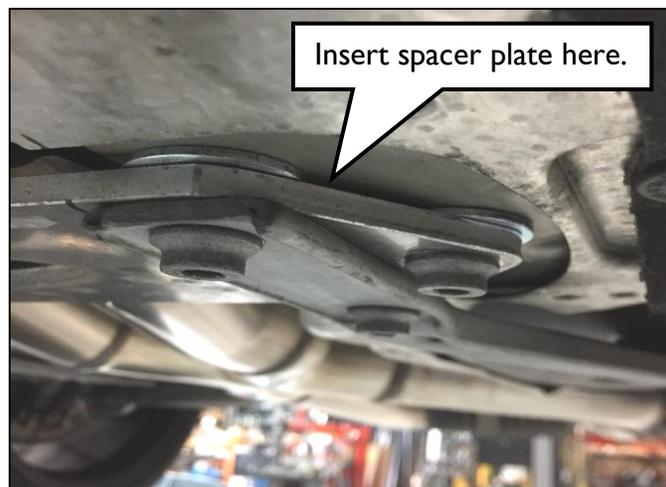


15. Reinstall cross brace. Note that:

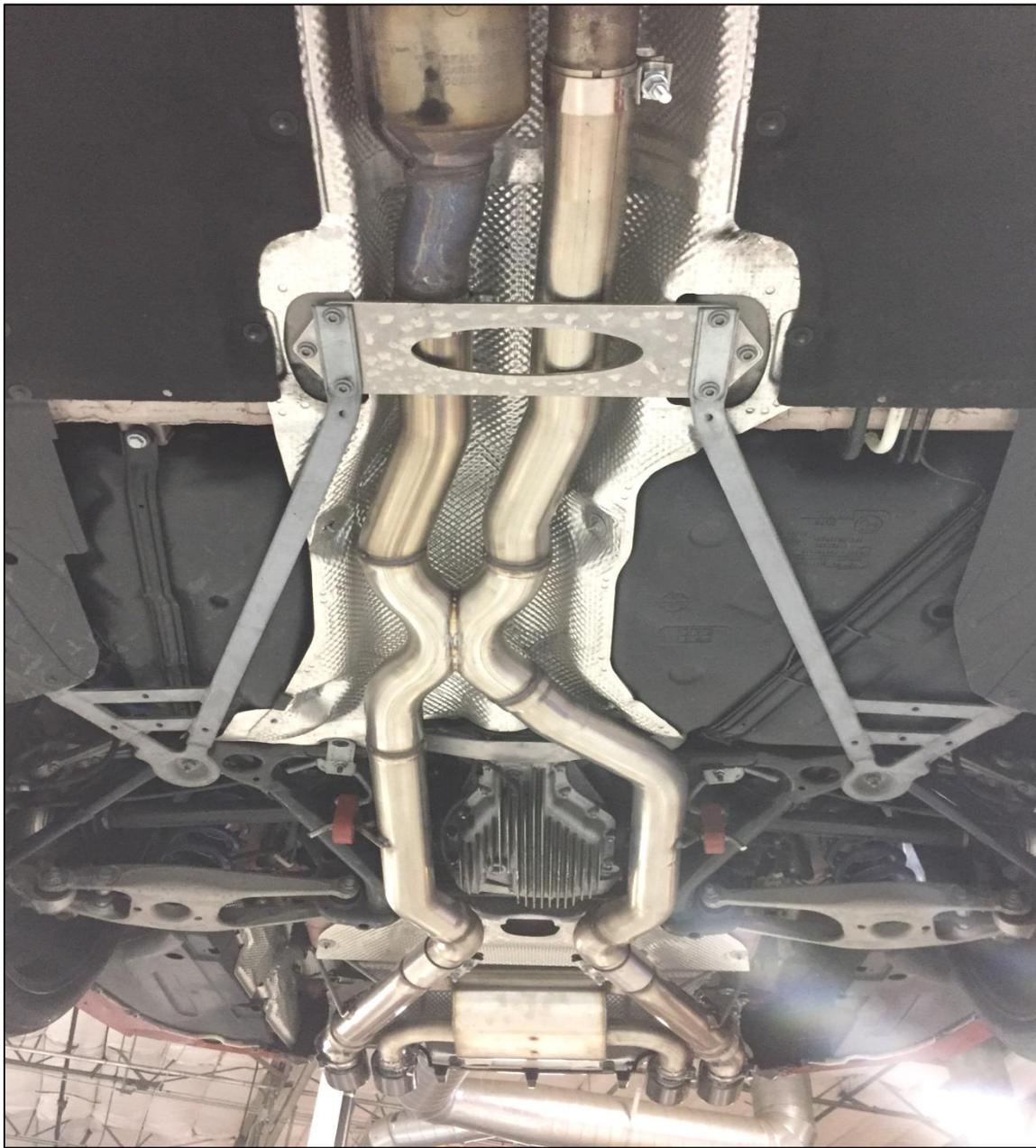
- 1/8" minimum clearance is needed between pipes and cross brace. If you do not have adequate clearance here, it could indicate that the X-Pipe is too far forward. Relax the clamps and slide the X-Pipe rearward to gain additional clearance.



- If after adjustment, further clearance is needed -- install spacer plate between cross brace and body to obtain additional clearance.



16. Drive car and get the exhaust hot. Recheck for adequate clearance in all areas. If necessary, let pipes cool before performing further adjustment. Re-torque all the clamps.



17. Happy Motoring!