



## **Free Flow Exhaust Installation Instructions**

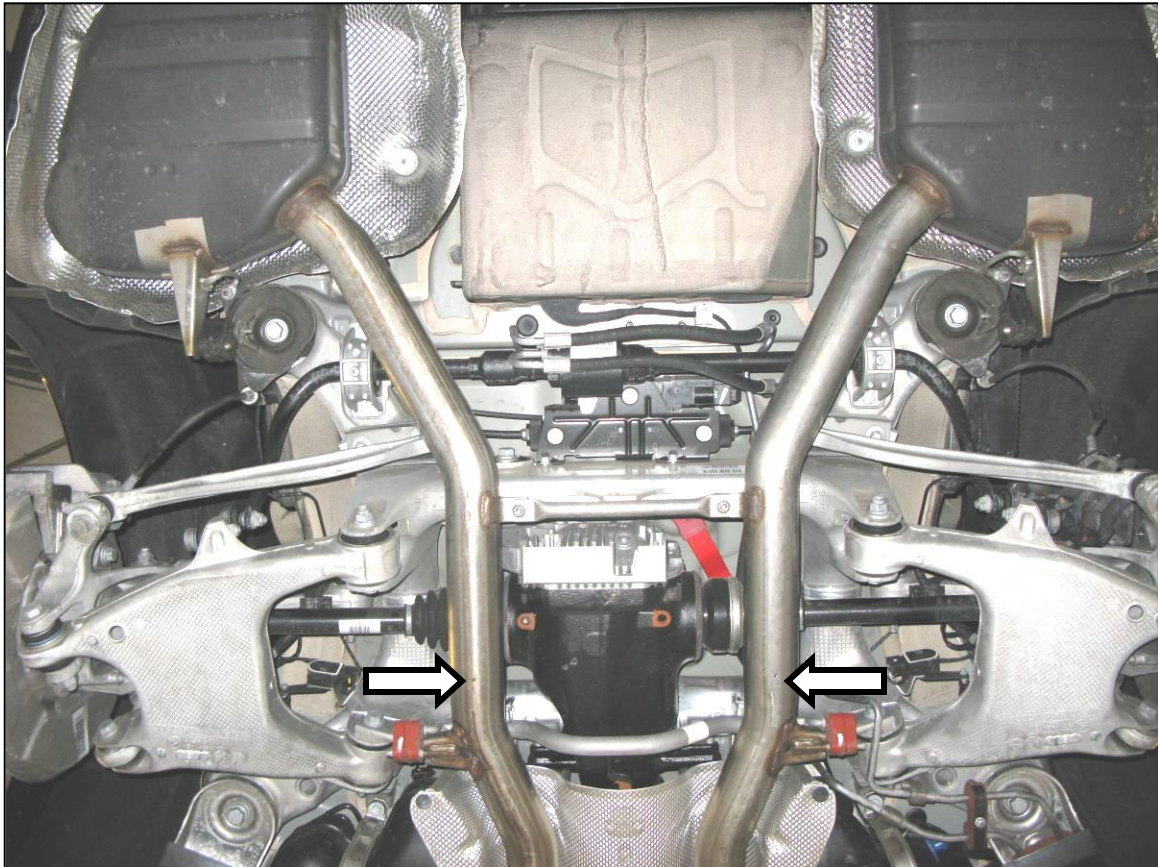
PART NUMBER    D660-0036  
                          D660-0036-BLK

APPLICATION:    2011 – 14 550i/iX (F10)

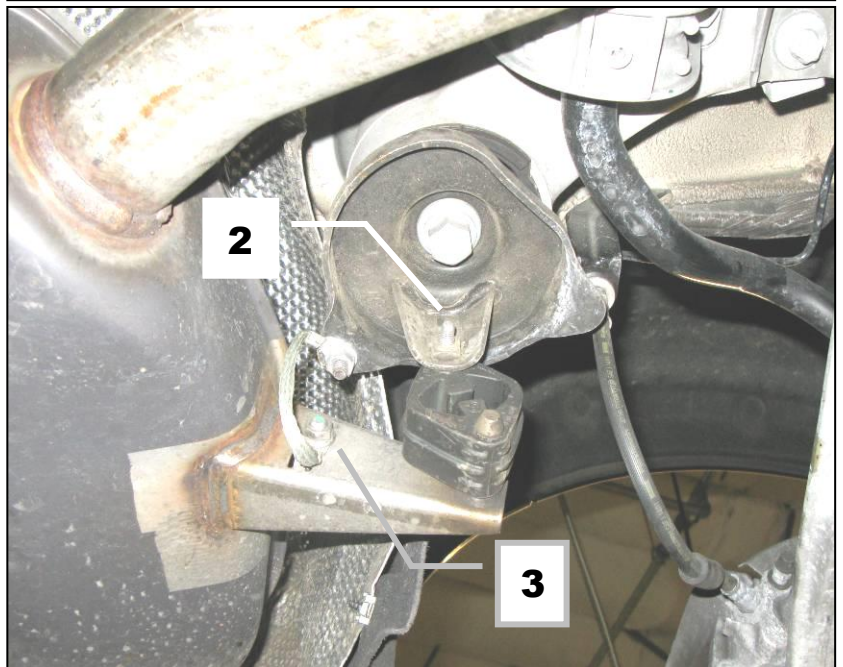
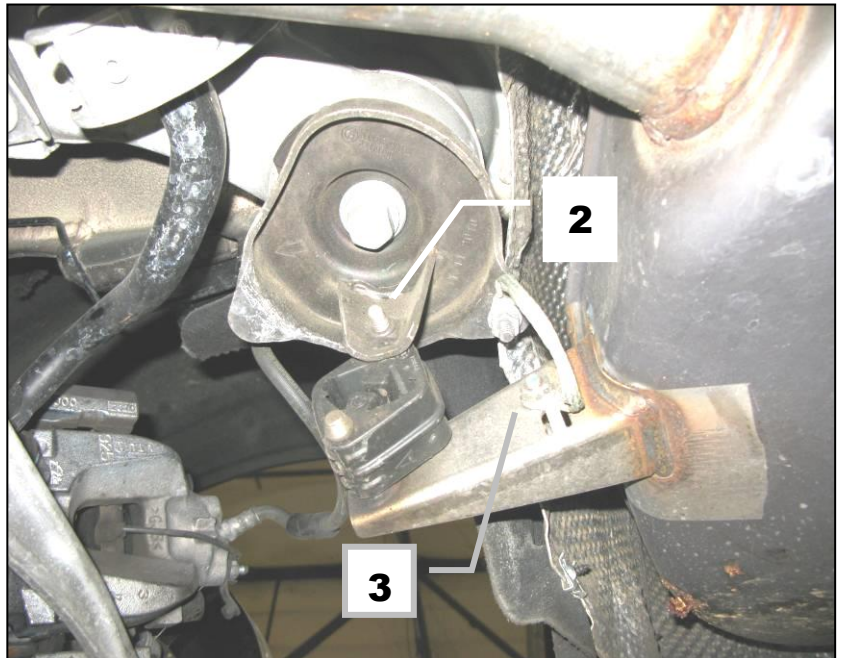
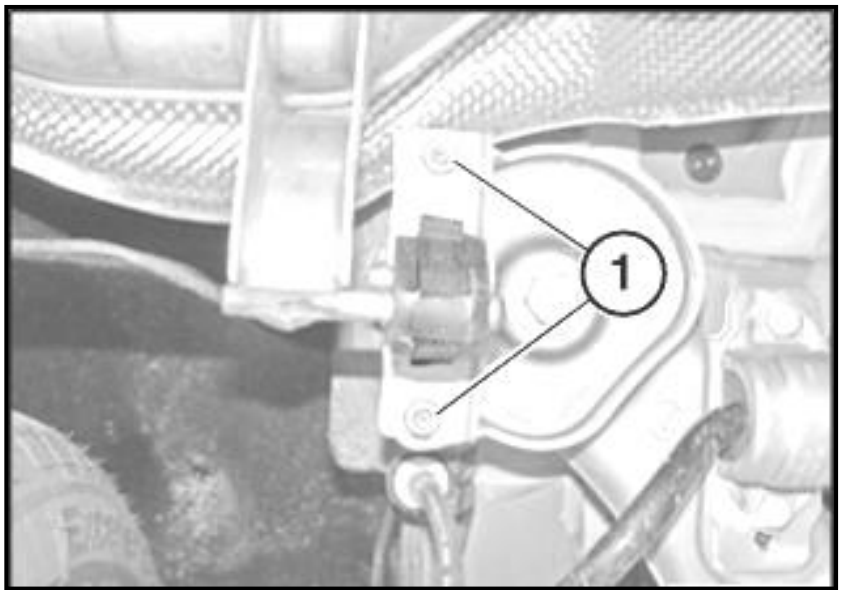
Thank you for purchasing a Dinan High Performance Muffler! Some mechanical skill is required to install this muffler. If you are not familiar with this procedure, we strongly recommend that you arrange for a qualified BMW repair facility to perform this installation.

### **INSTALLATION:**

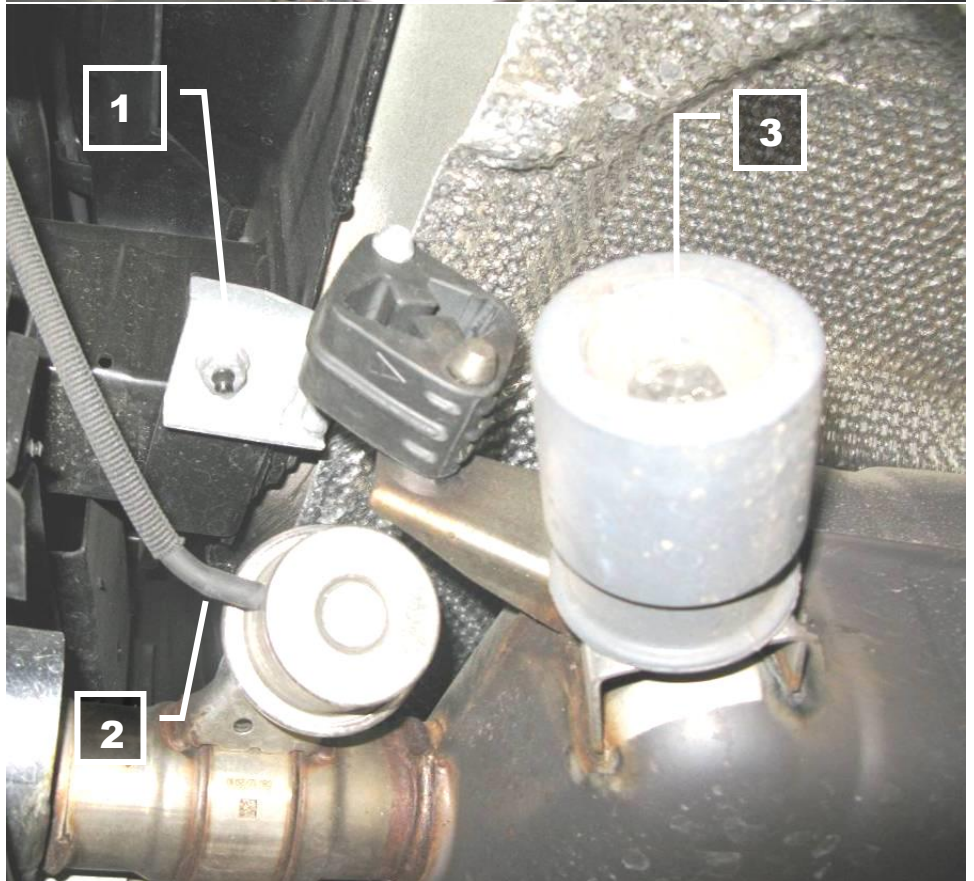
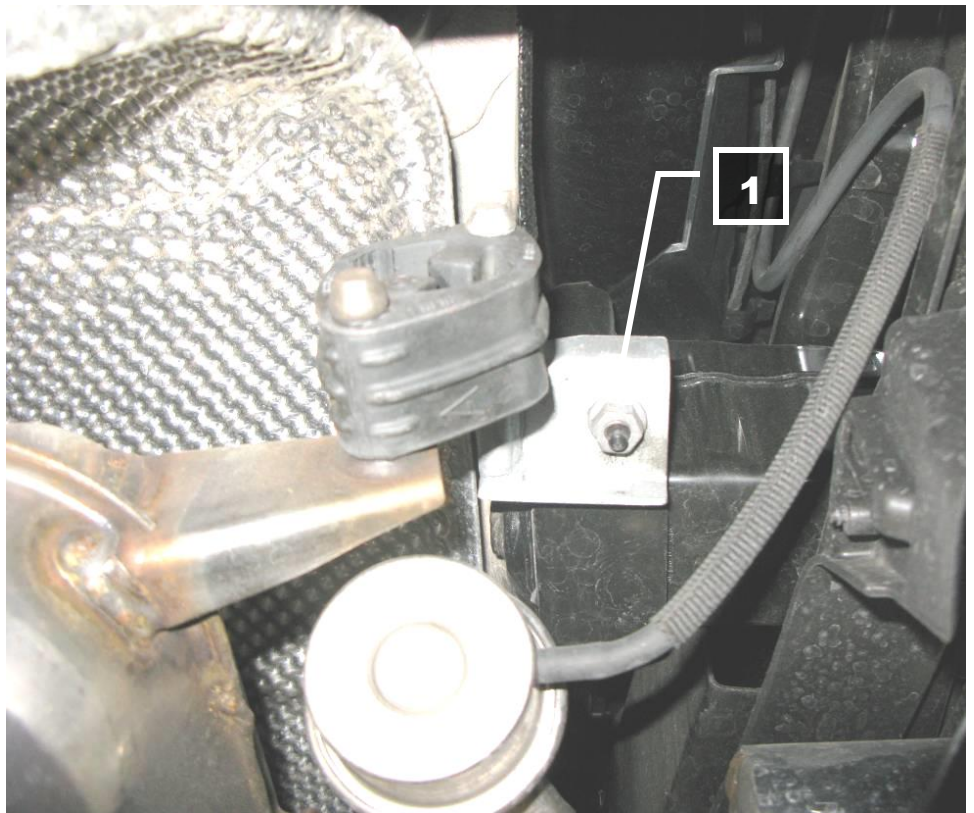
- I. The Dinan mufflers are relatively easy to install. Start by cutting off the stock mufflers at the punch mark shown below. Mark the cut line. Use a Sawzall or similar cutting tool.



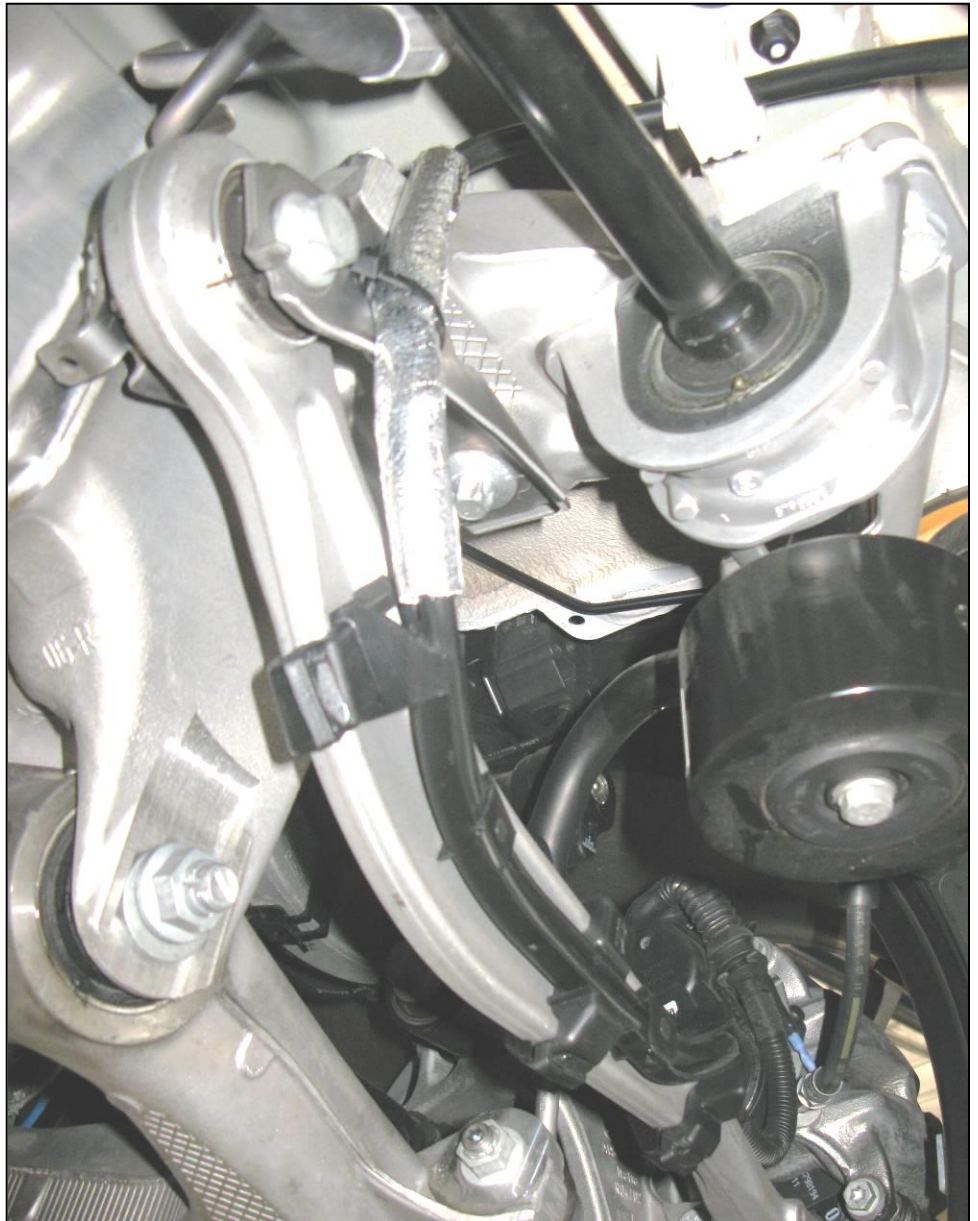
2. Support the stock muffler with a jack or stand.
3. Depending what car you have, remove nuts **(1)** or torx head bolt **(2)** as shown.
4. Remove nut **(3)** holding ground strap to muffler.
- 5.



5. Remove nut **(1)** as shown.
6. Detach vacuum hose **(2)**.
7. Remove Vibration Absorber **(3)** from the driver's side muffler and transfer to the new muffler.
- 8.

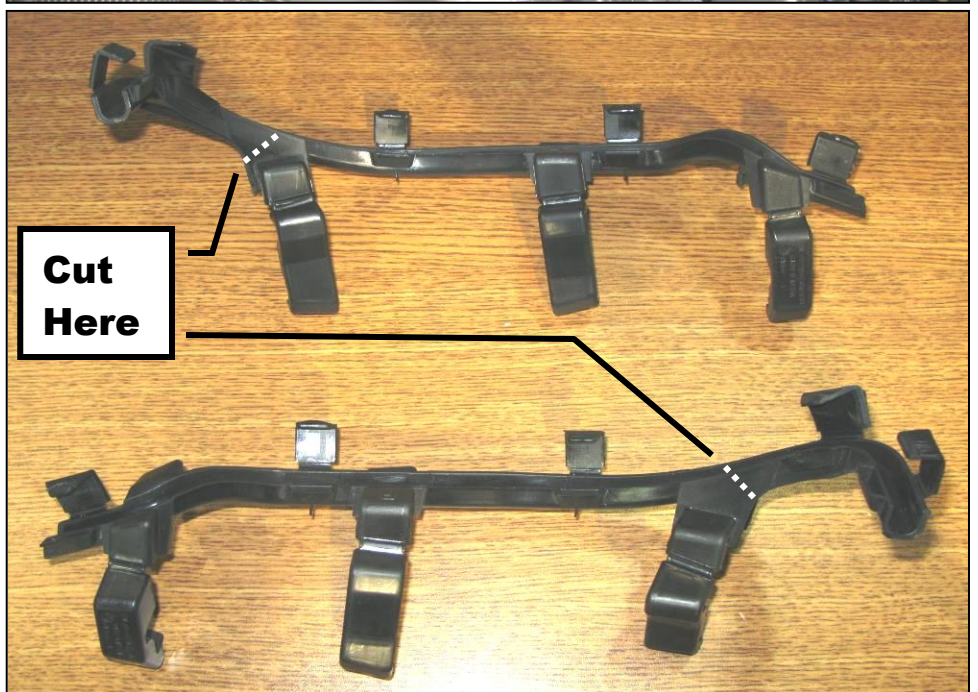


8. The plastic brackets that hold the wires to the electric parking brakes need to be modified as shown.

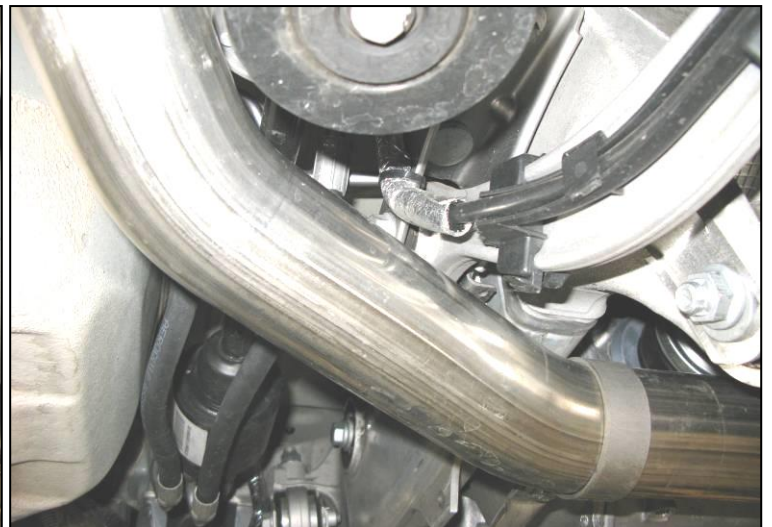
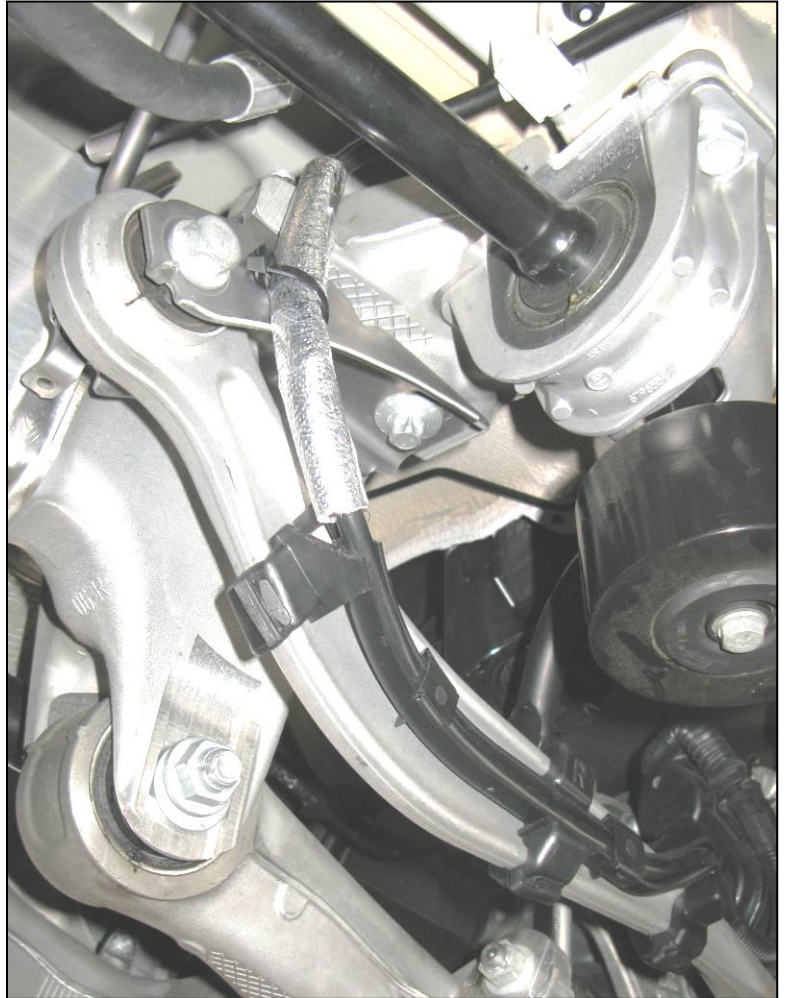


9. Remove the brackets and cut at the places marked on the photo.

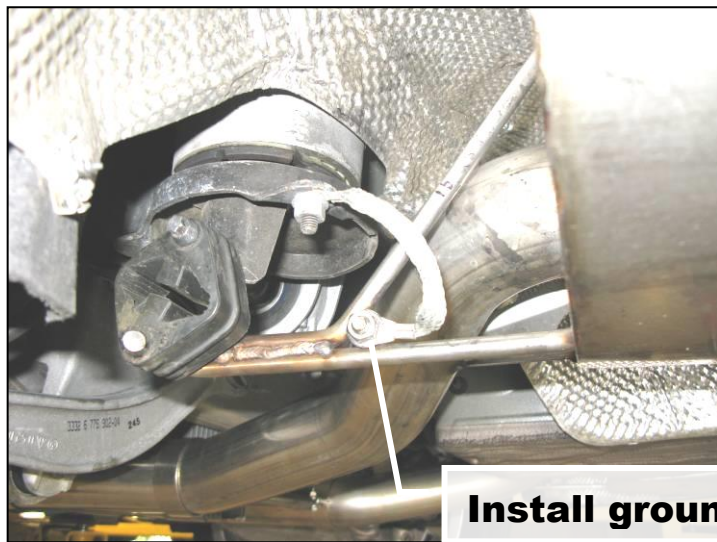
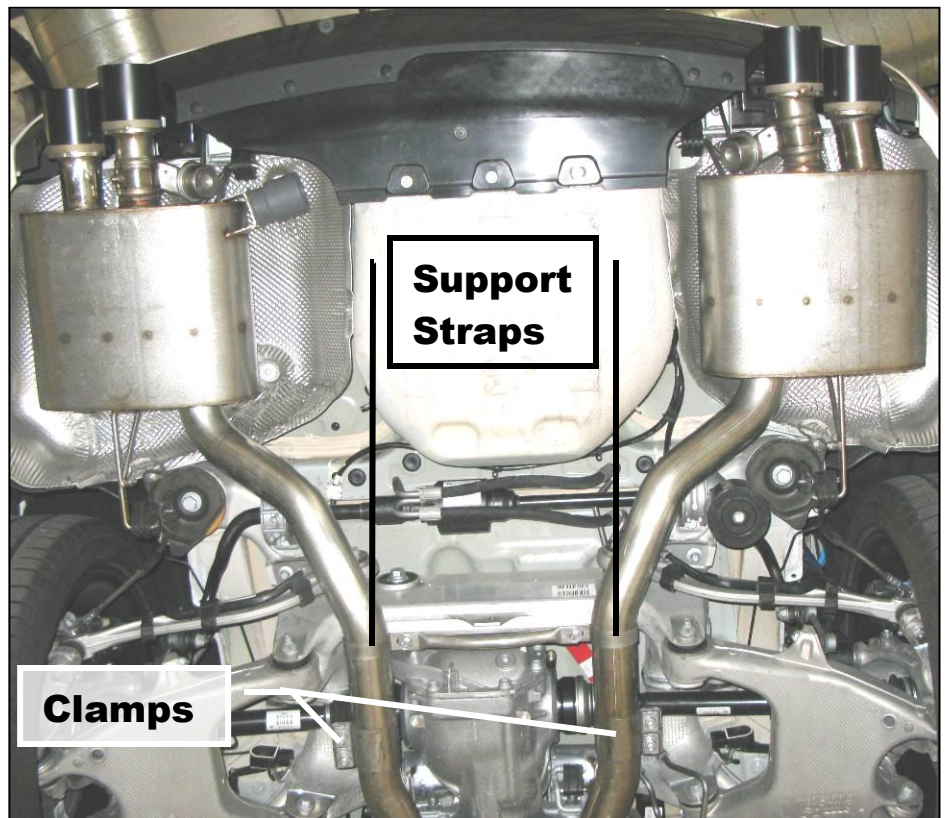
10.



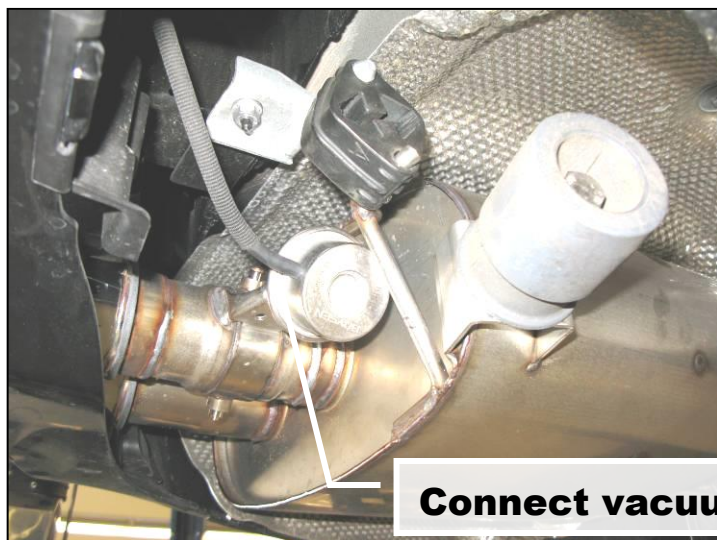
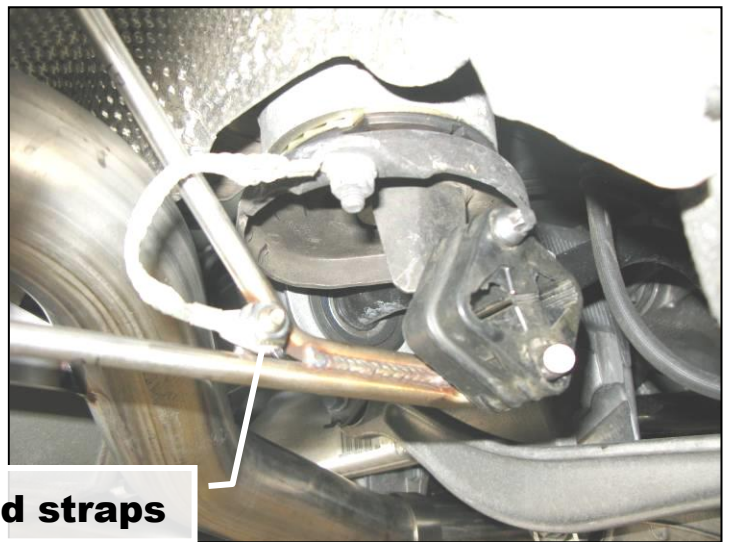
10. Reinstall the modified brackets. Install the black sleeve first over the wire.
11. Install the silver sleeve over the black sleeve and seal then zip tie it as shown. The lower photo's show clearance when mufflers are installed.



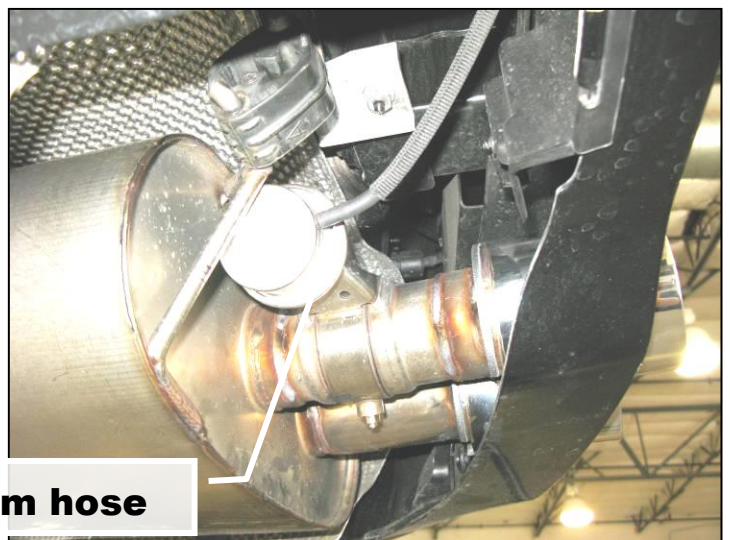
12. Transfer muffler hangers to new mufflers as shown. Replace rubber hangers as needed.
13. Slide support straps over inlet tubes.
14. Slide clamping bushings over inlet tubes.
15. Install mufflers as shown. Center the mounting clamp and torque to 45NM.



**Install ground straps**

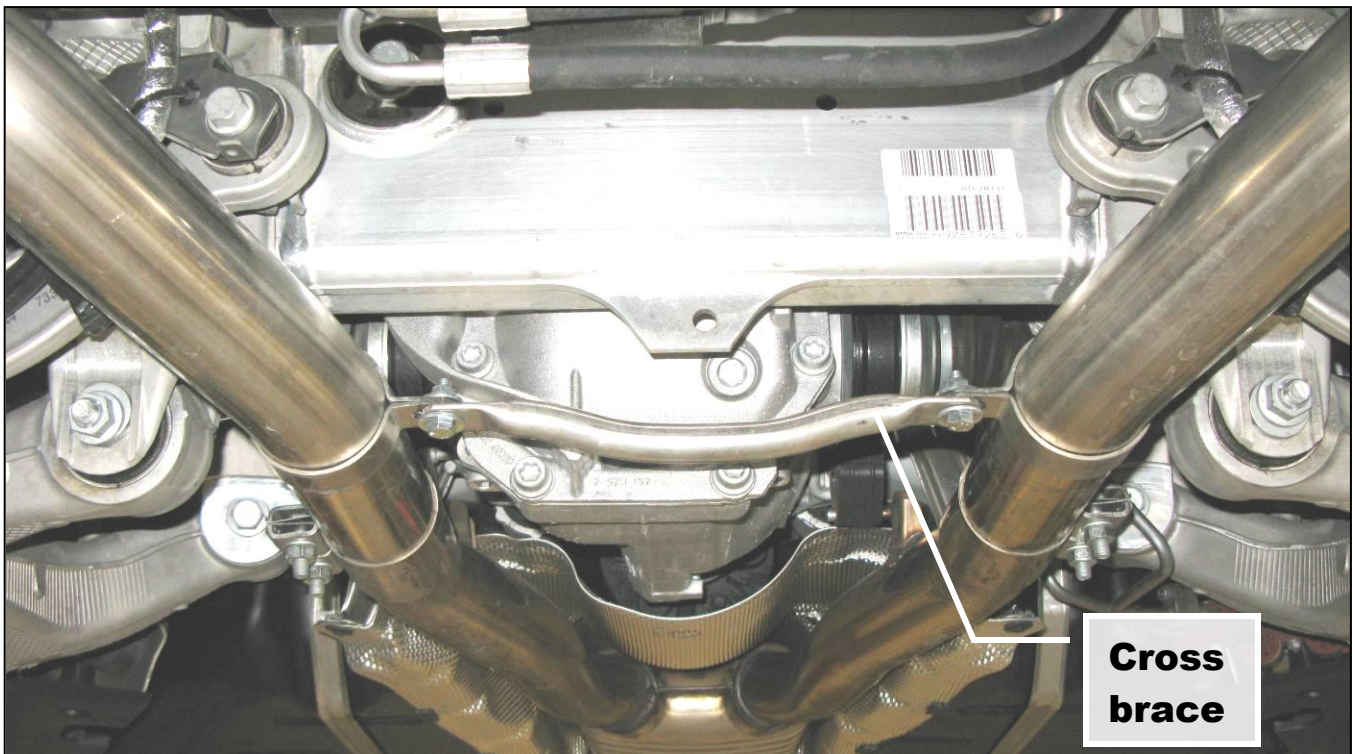


**Connect vacuum hose**



16. Visually inspect the muffler. Check for at least ½” clearance in all areas. You can bend the heat shields slightly if needed.
17. Install the cross brace with the supplied bolts and washers. Use the stock nuts and position the brace just ahead of the bend in the tubes as shown.

Happy Motoring!



## PARTS LIST

<u>Qty</u>	<u>Part No.</u>	<u>Description</u>
1	D663-0223	Left Muffler Assembly
1	D663-0224	Right Muffler Assembly
1	D663-0229	Hardware Kit
	Contains:	
4	D502141	8" Tie Strap/Black
2	D662-0226	Strap; 2.75
2	D662-9241	2.75" Torca Coupler
2	D663-0230	Protective Sleeve; Inner
2	D663-0231	Protective Sleeve; Outer
2		M8 x 25 Bolt
4		M8 x 25 Washer