



Free Flow Exhaust Installation Instructions

PART NUMBER D660-0044
 D660-0044-BLK

APPLICATION: 2013-14 M5 (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:

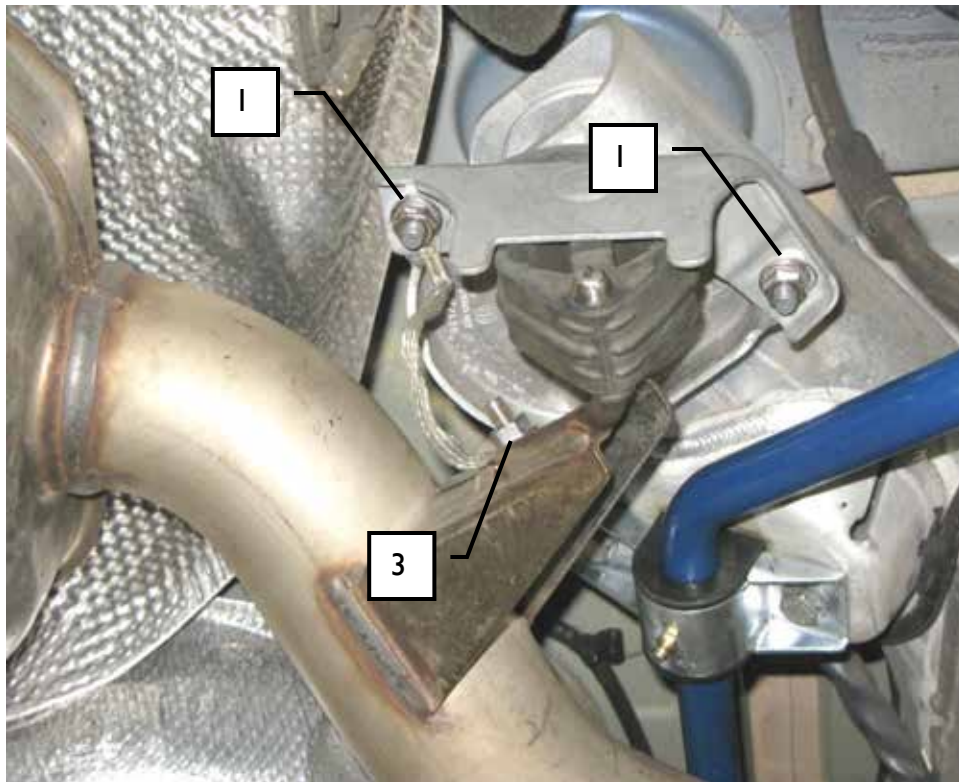
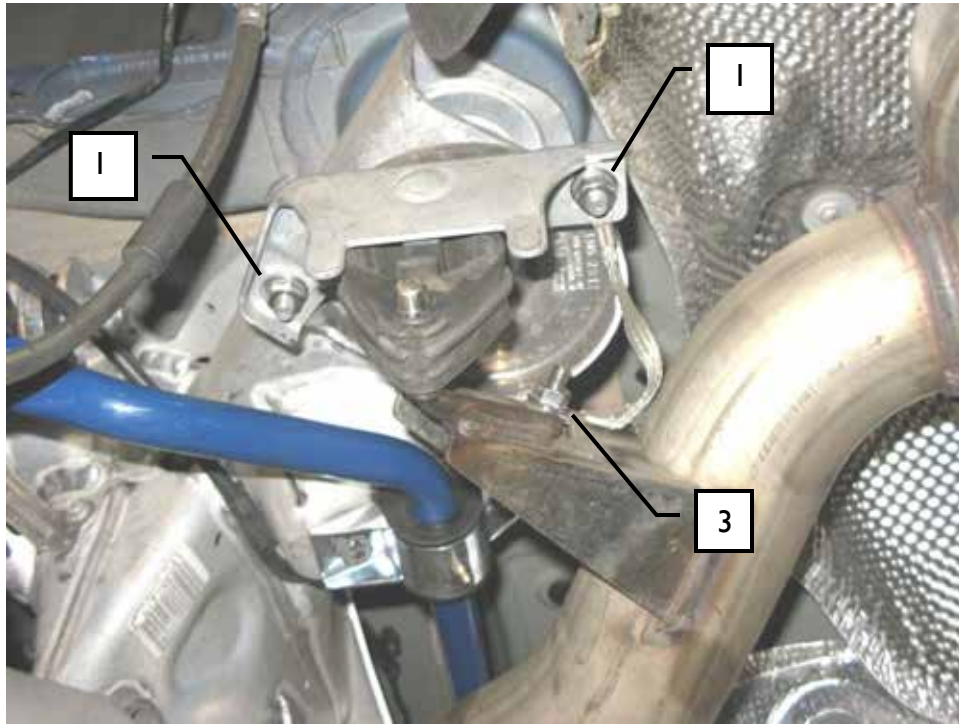
- I. The Dinan mufflers are relatively easy to install. They fit the same as a stock replacement muffler would.



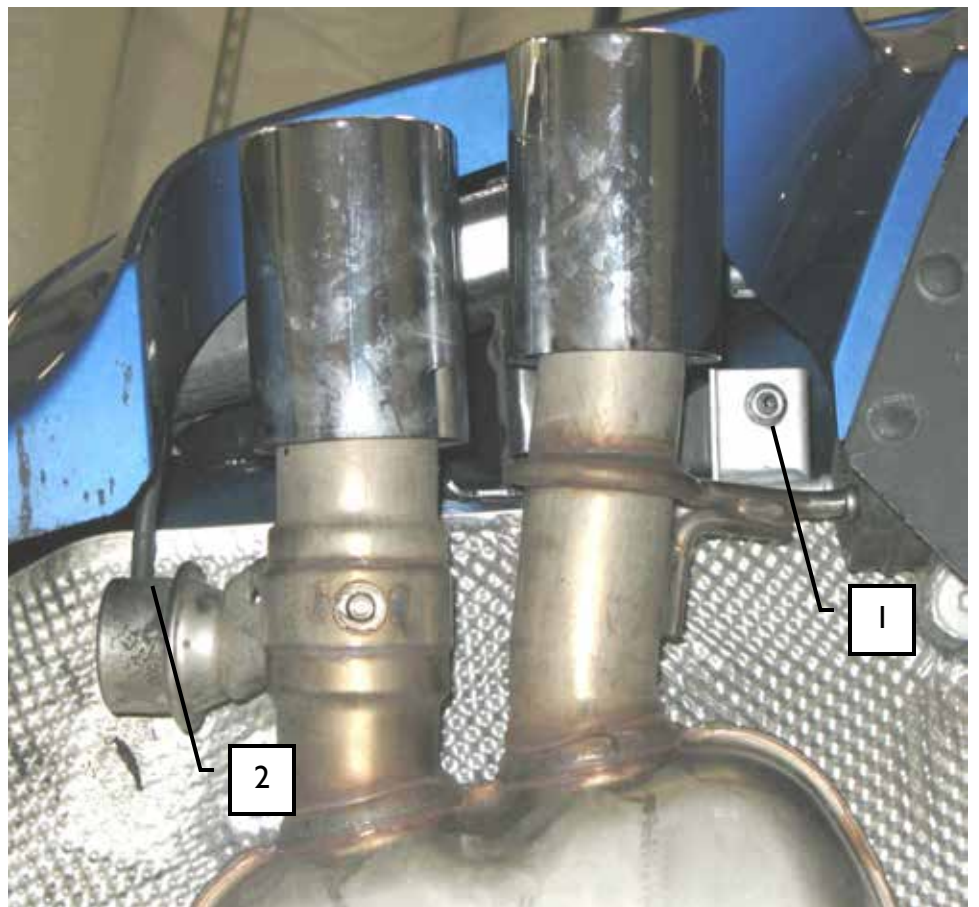
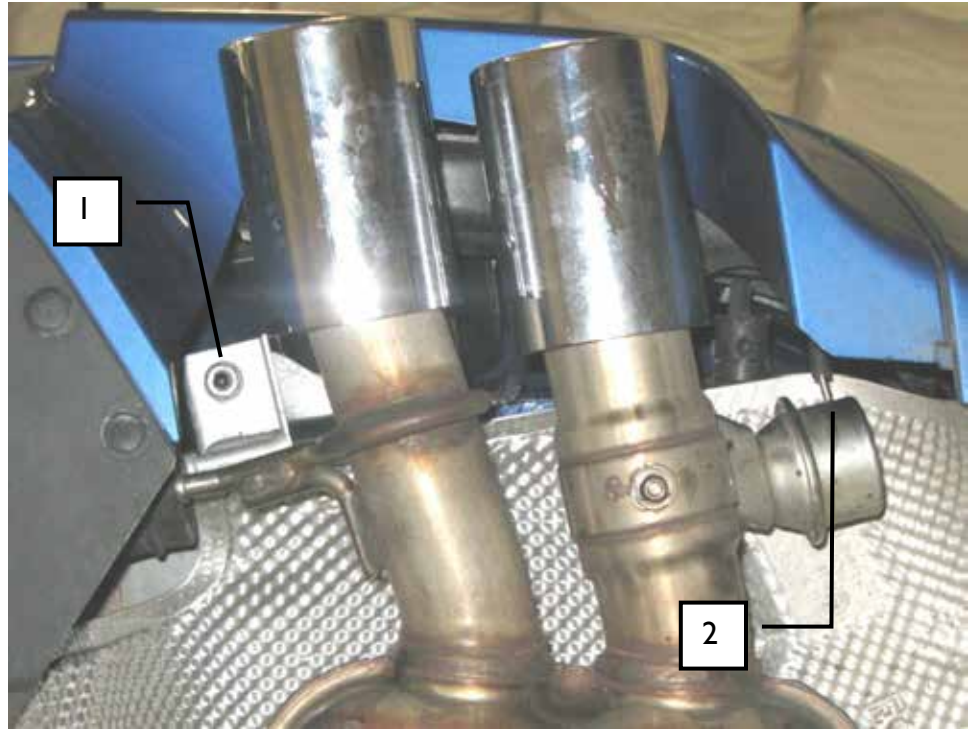
2. Cut off the stock mufflers at the punch marks as shown in figures below. Mark the cut line. Use a Sawzall or similar cutting tool.



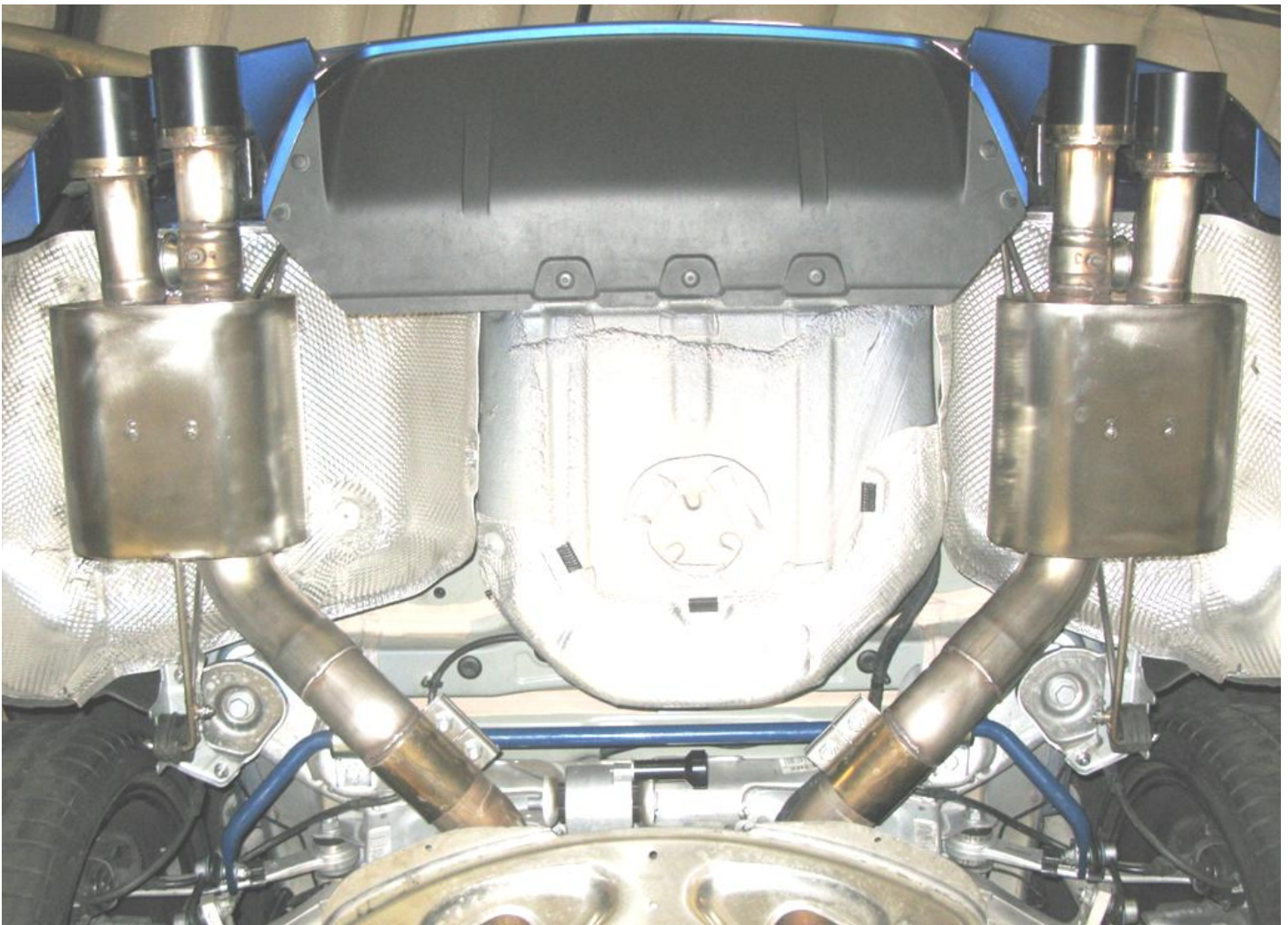
3. Support the stock muffler with a jack or stand.
4. Remove nuts **(1)** as shown in figures below.
5. Remove nuts **(3)** holding ground strap to muffler.



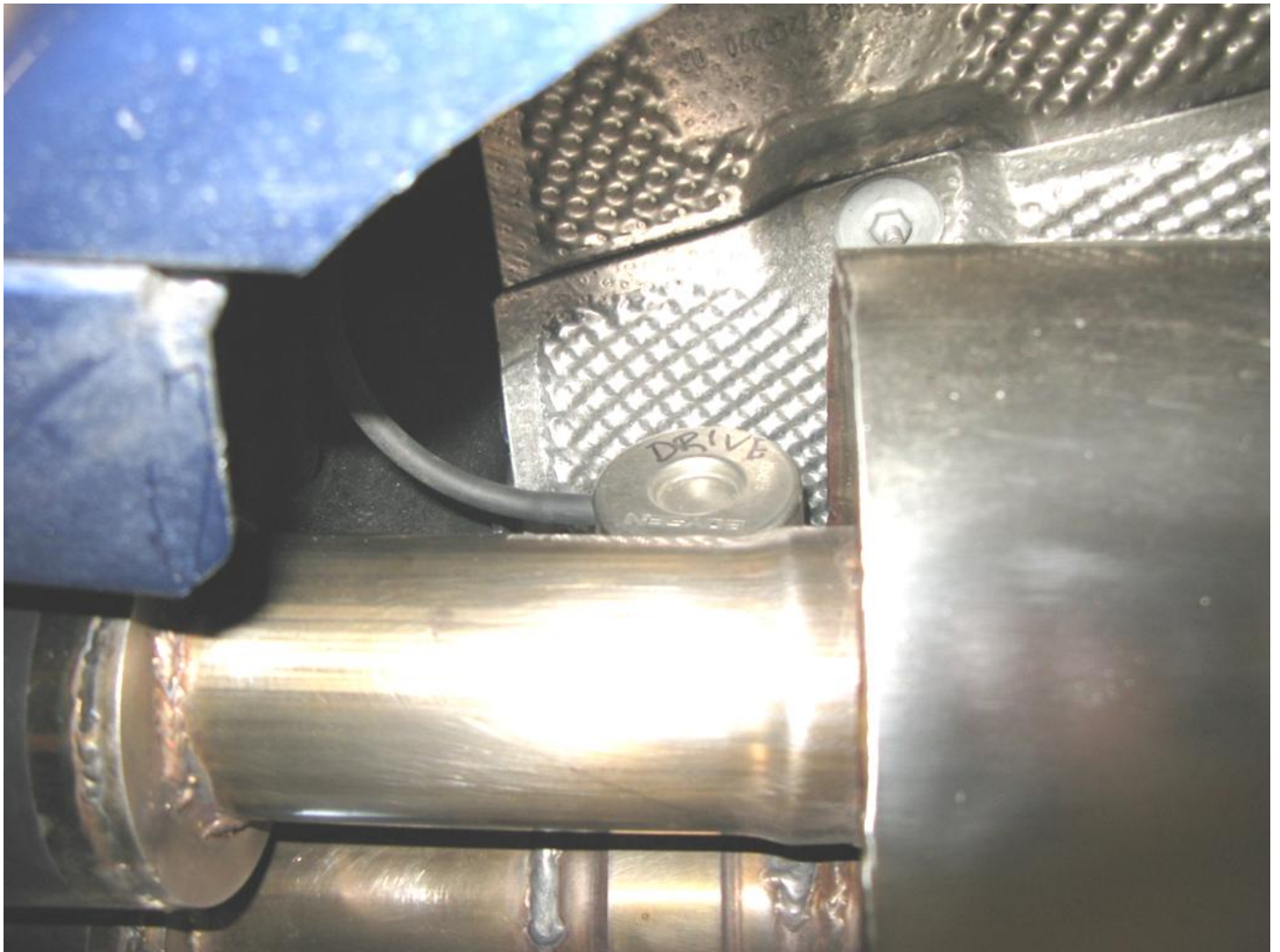
6. Remove nut (1) as shown. Detach vacuum hose (2).



7. Transfer muffler hangers to new mufflers. Replace rubber hangers as needed.
8. Deburr the cut edges of the tubes on the car.
9. Slide clamping bushings over the tubes.
10. Install mufflers as shown.
 - Torque the hanger bolts to 22Nm (16 ft-lbs)
 - Center the mounting clamp and torque as follows:
 - Clamps with 10mm bolts = 45Nm (33 ft-lbs)
 - Clamps with 11mm bolts = 68Nm (50 ft-lbs)
 - Install tip -- When installing mufflers it helps to have someone center and level the tips in the bumper opening while you tighten the clamps.



11. Connect the vacuum hose to the valves.



12. Visually inspect the muffler. Check for at least $\frac{1}{2}$ " clearance in all areas. You can bend the heat shields slightly if needed.

Happy Motoring!