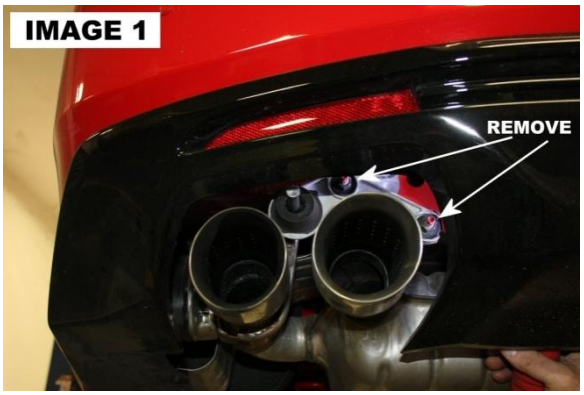
DSL019 – DRIVESHAFT LOOP

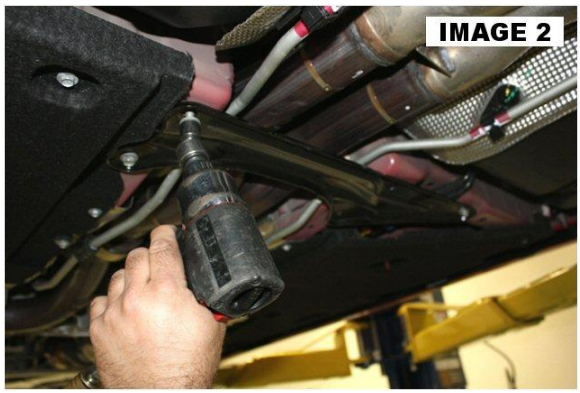
RECOMMENDED TOOLS:

- Jack and jack stands
- Wrenches: 18mm, 15mm, 13mm, 5mm Allen
- Sockets: 18mm, 17mm, 15mm, 13mm deep well
- 3/8” drive ratchet, 6” extension
- Prybar

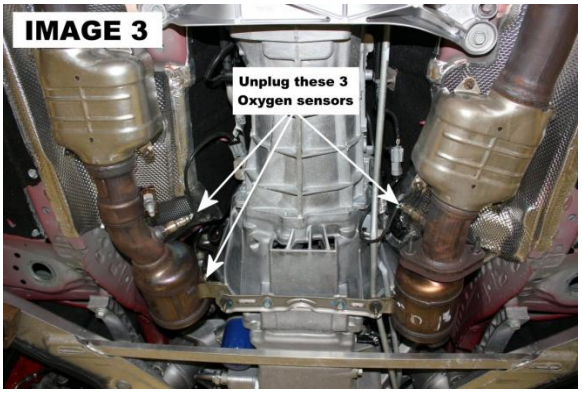


INSTALLATION:

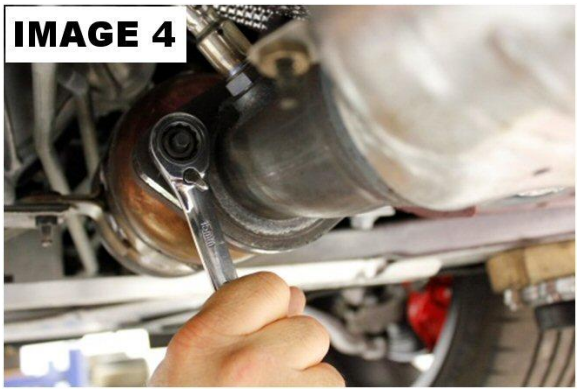
1. Lift the vehicle at all four corners. Place jack stands so as to not interfere with removal of the exhaust system.
2. It is necessary to remove the entire exhaust to access the mounting area for the driveshaft loop. Begin by unplugging both side rear exhaust cutouts if your vehicle is equipped with them.
3. Using the 15mm wrench, remove both rear exhaust hanger brackets as seen in **IMAGE 1**.
4. Moving forward, remove the (5) bolts on the chassis brace using a 13mm wrench or socket. (**IMAGE 2**).



5. Unplug the (4) Oxygen sensor plugs shown in **IMAGE 3**.



6. Using the 15mm wrench, unbolt the passenger side exhaust at the flange after the catalytic converter as seen in **IMAGE 4**. Use a 15mm deep well socket and extension to remove the driver’s side further forward at the manifold.
7. Support the exhaust system with a jack.



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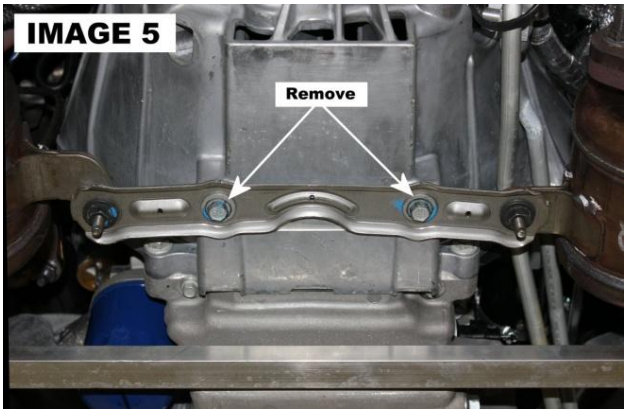
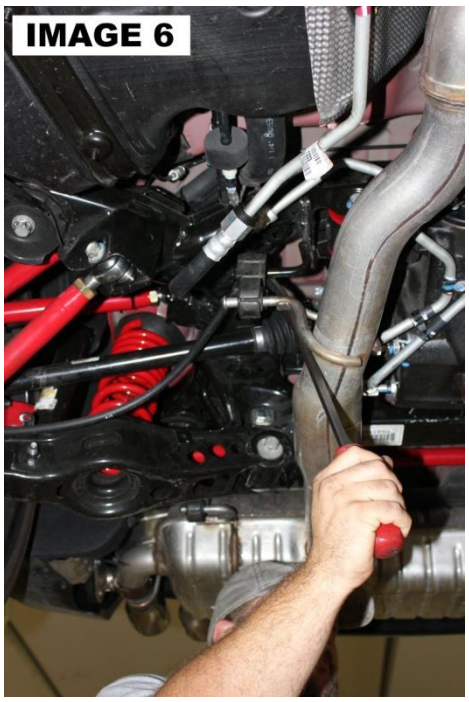
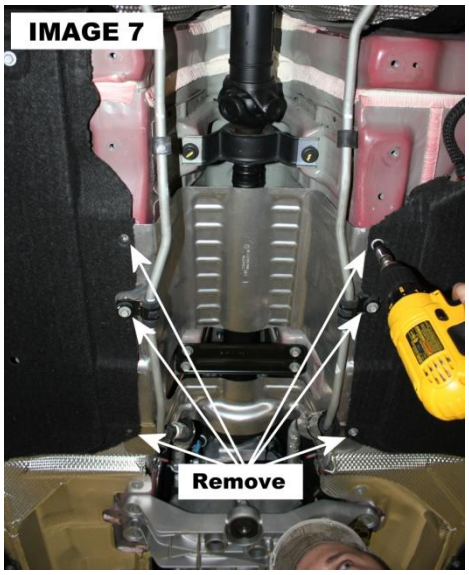
8. Using a 13mm wrench or socket, remove the exhaust brace where it attaches to the transmission bellhousing as shown in **IMAGE 5**.



9. Remove all rubber exhaust hanger bushings with a pry-bar, as seen in **IMAGE 6,** then lower the exhaust and set it aside.
10. Using a 10mm socket, remove the (6) bolts on the heat shield as shown in **IMAGE 7**. Temporarily remove the heat shield.





11. Using a 13mm wrench or socket, remove the stock driveshaft tunnel brace as seen in **IMAGE 8**.

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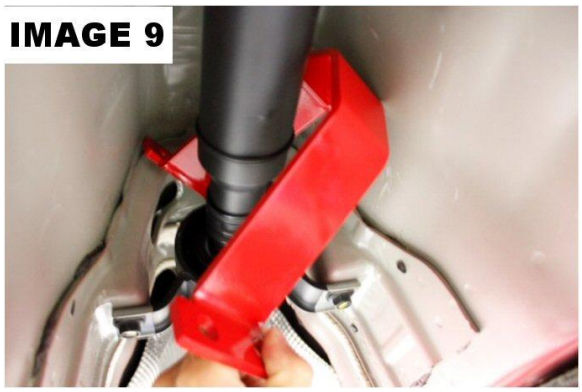
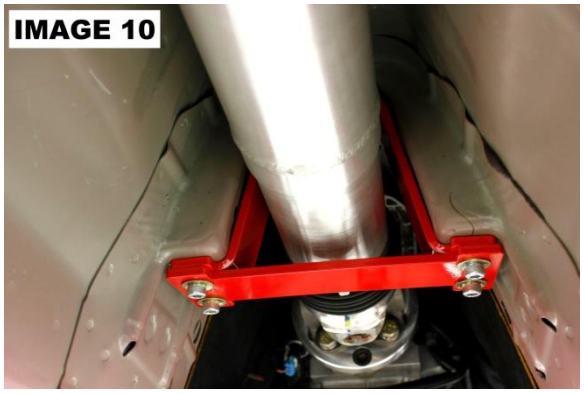
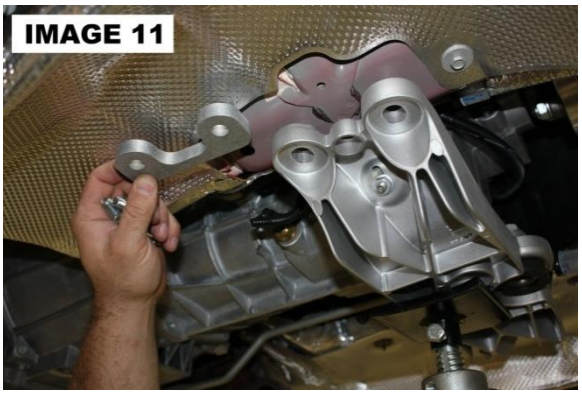
12. Slip the BMR upper driveshaft loop around the narrow part of the driveshaft as seen in **IMAGE 9** and then slide the loop up the shaft to the mounting position. Ensure the wider hole spacing is facing forward with respect to the vehicle.



13. Using the supplied bolts and smaller diameter washers, bolt the driveshaft into place and tighten with a 5mm Allen socket or wrench, tighten the 4 supplied bolts to 25 ft/lb as seen in **IMAGE 10**.
14. If using the stock driveshaft, skip steps 15-19 and proceed to step 20. If using an aftermarket one-piece driveshaft, proceed to step 11.
15. If you already have a one-piece shaft installed it will be necessary to unbolt one end to slide the driveshaft loop over. Once the loop is over the driveshaft, re-connect the driveshaft and then bolt in the loop as shown in **IMAGE 10** above.



16. Due to the larger diameter of the one-piece shaft and to improve driveline angle it is necessary to lower the transmission to insure adequate clearance around the driveshaft.
17. Place a stand under the transmission then remove the (4) bolts using an 18mm wrench or socket.



18. Lower the transmission cross-member and insert the provided aluminum spacers as shown in **IMAGE 11**. Note the orientation of the spacers when installing them. Place the spacer in such a way that the relief clears the raised sheetmetal on the floorpan.
19. Using the provided 12mm bolts and washers, bolt the cross-member back in place and tighten to 39 ft/lbs using a 17mm socket.
20. Re-install the heat shield, chassis brace, and exhaust using steps 1-10 in reverse.

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