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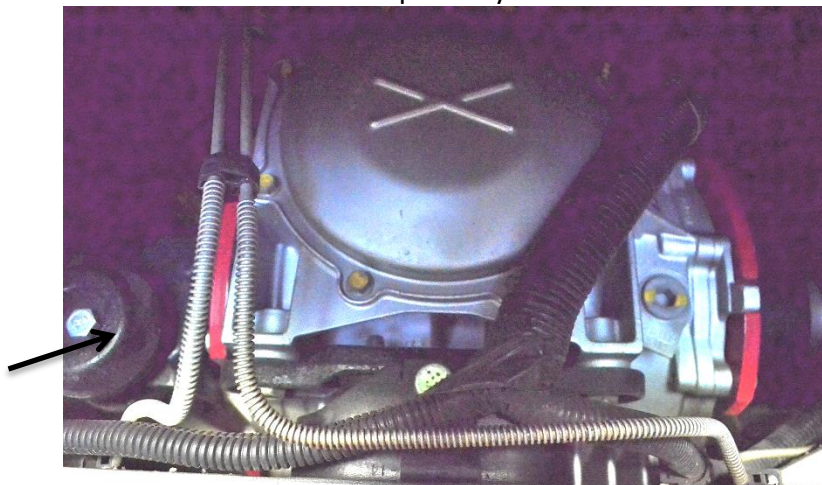
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## Differential Brace Installation Instructions

1. Lift vehicle and support with jack stands.
2. Remove two upper and two lower differential mount bolts.



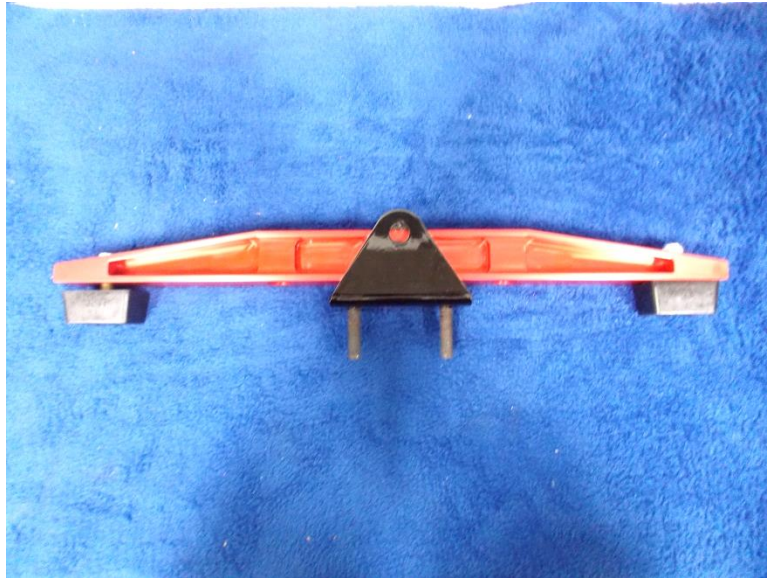
3. Remove two 8mm bolts from the vibration damper bracket from left side of differential. Remove bracket and damper they are not reused.



4. Support the differential with a jack and loosen the four sub-frame bolts.



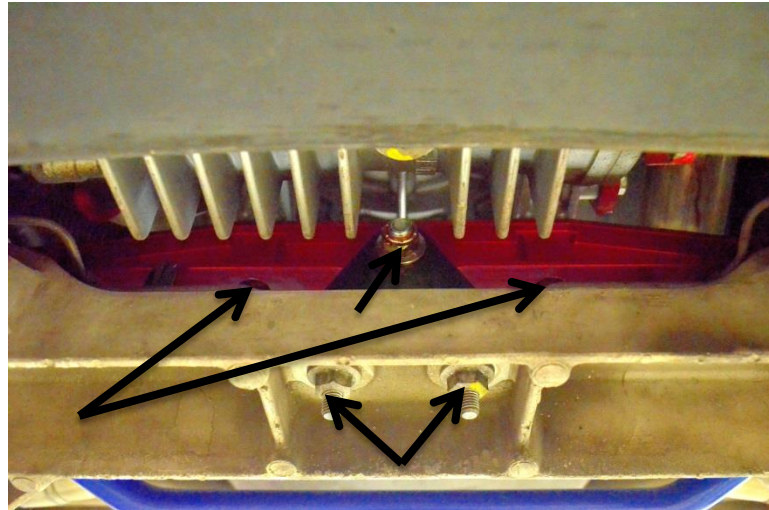
5. Lift the transmission/differential and lower the sub-frame enough to remove the differential mount.
6. Install two poly blocks with a 3/8" Nylock Nut and 3/8 AN Washer on each end of the Differential Beam and slide Differential Mounting Bracket over the Differential Beam but don't install 1/2-13 x 2 3/4 SHCS.



7. Install the Differential Beam and Differential Bracket where the differential mount was removed, and start the two M10 x 1.5 x 35 SHCS (upper) with a 3/8 AN Washer. Re-torque the sub-frame. 80 ft. lb.



8. Align the pivot mounting hole and insert the 1/2-13 x 2 3/4 SHCS, and then start the OEM differential mounting nuts (lower). Use jack to position mounting holes.



9. Lower the jack and torque upper and lower differential mounting bolts. (37 ft. lb.) Install 1/2 -13 Flange Nut and tighten.

10. Check for clearance between the poly block and sub-frame and add shims between the Poly Block and Differential Beam (if needed). Install shims equally on both sides until the Blocks touch the sub-frame, and then tighten 3/8 Nylock Nuts.

Note: Be sure there are no brake lines or wires pinched under the Brace during installation.

