

03 - Differential and Driveline/Front Axle - M210/COVER, Differential/Removal and Installation

REMOVAL AND INSTALLATION

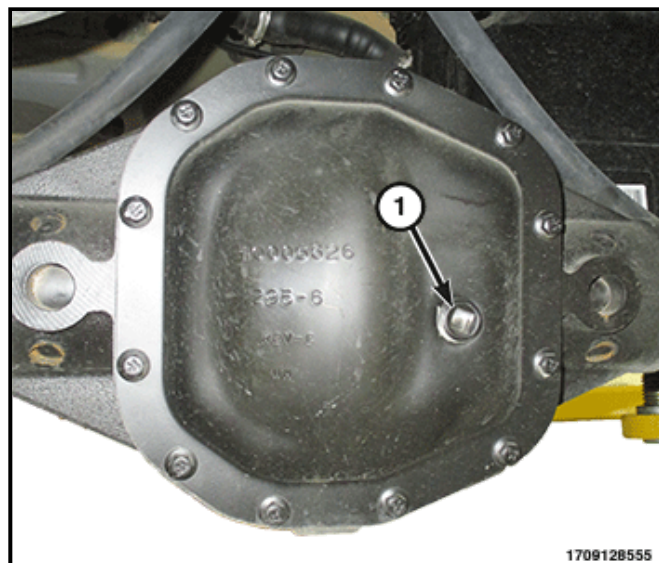
Labor Operations: Click to hide the list of LOPs associated with this procedure

No LOP information available for this service procedure.

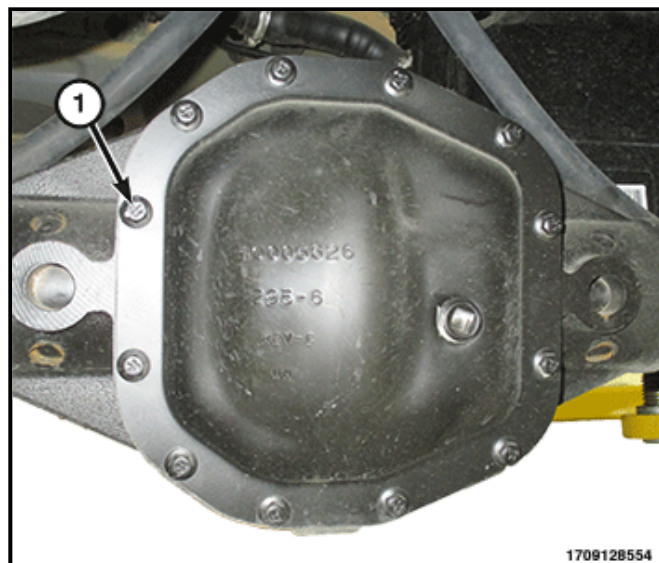
REMOVAL

1. Raise and support the vehicle (Refer to 04 - Vehicle Quick Reference/Hoisting/Standard Procedure) .
2. Remove the differential drain plug located on the side of the axle housing and drain the fluid.
3. Install the differential drain plug and tighten to the proper (Torque Specifications) .

4. Remove the differential fill plug (1).



5. Remove the differential cover bolts (1).

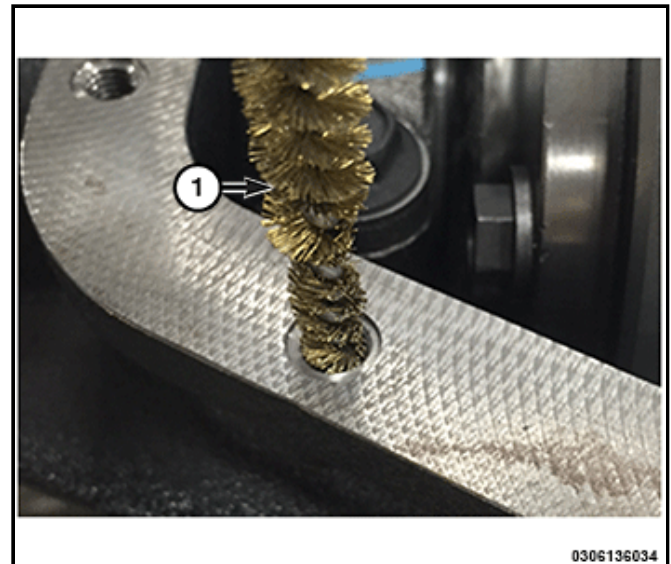


6. Remove the differential cover.

INSTALLATION

NOTE: Do not use Scotch-Brite™ or other abrasive surface preparation methods. Clean the surface with brake clean or equivalent alcohol based cleaners.

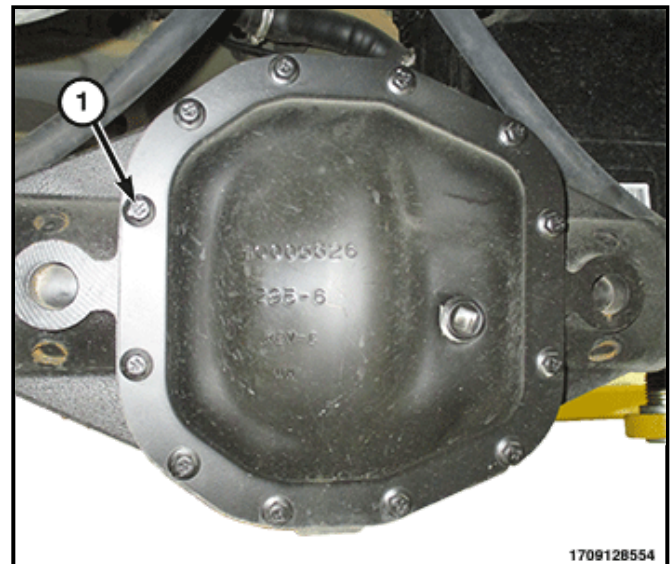
1. Use a copper brush (1) to remove any Loctite™ out of the carrier bolt holes then use brake clean to clean the bores. Use compressed air to ensure each bolt hole is dry and no brake clean remains.



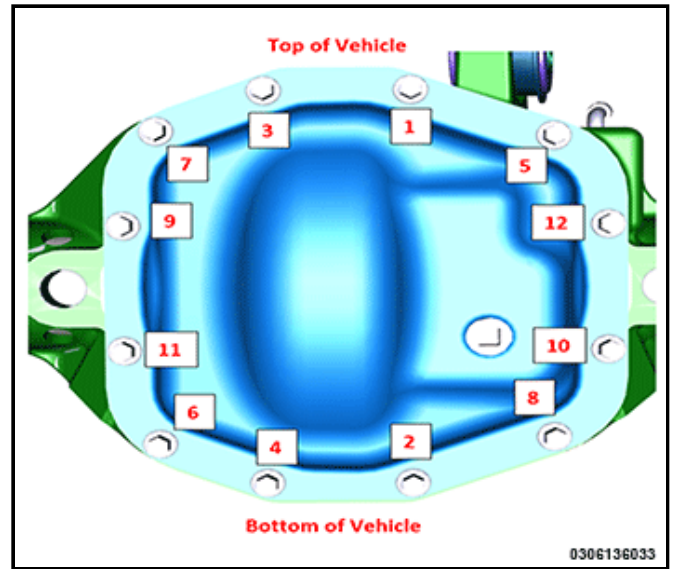
2. Align the **NEW** differential cover gasket to the bolt holes.

NOTE: Steps 2-4 must be completed within 8 minutes to ensure a proper seal of the cover and gasket.

3. Install the differential cover and hand start all 12 **NEW** bolts (1).



4. Using pattern shown, torque each bolt to the proper (Torque Specifications) .
5. Fill the differential to specifications (Refer to 04 - Vehicle Quick Reference/Capacities and Recommended Fluids/Specifications) .



6. Install the differential fill plug (1) and tighten to the proper (Torque Specifications) .

