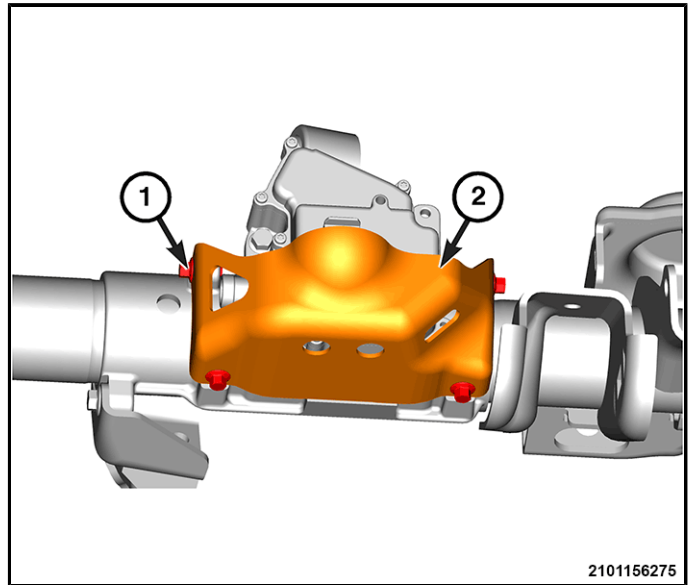


## REMOVAL AND INSTALLATION

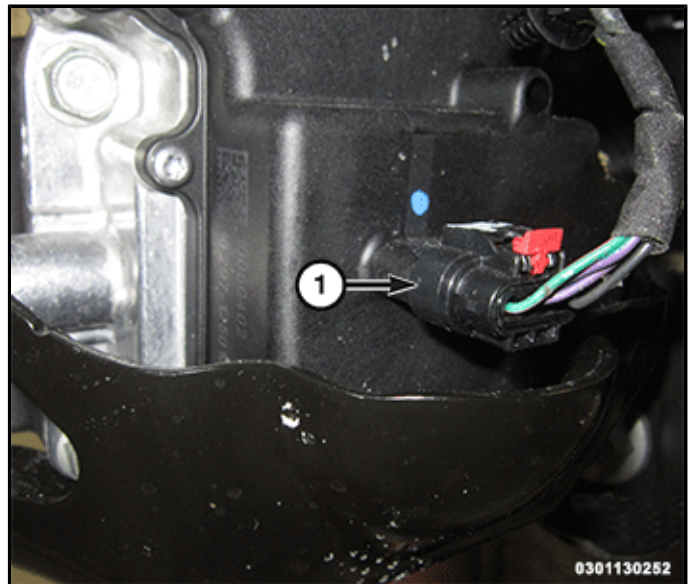
### REMOVAL

**NOTE:** DO NOT use any petroleum based cleaner on threads, doing so will cause thread patch failure.

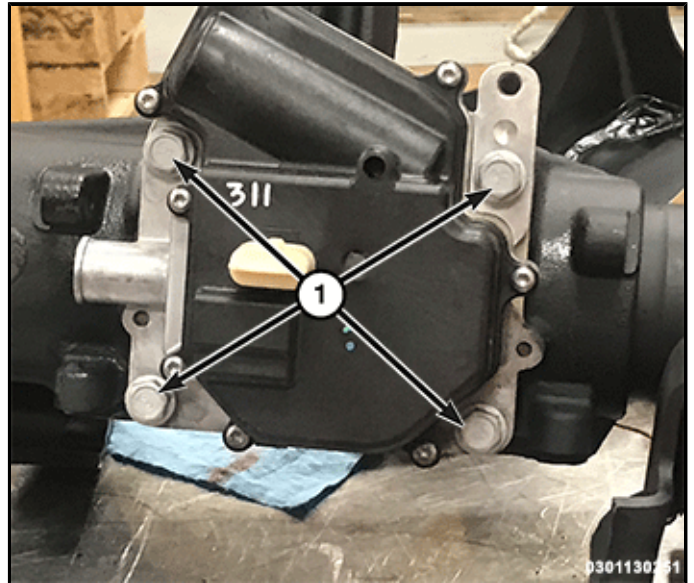
1. Raise and support the vehicle (Refer to 04 - Vehicle Quick Reference/Hoisting/Standard Procedure).
2. Remove the four Front Axle Disconnect (FAD) skid plate fasteners (1), and remove the skid plate (2).



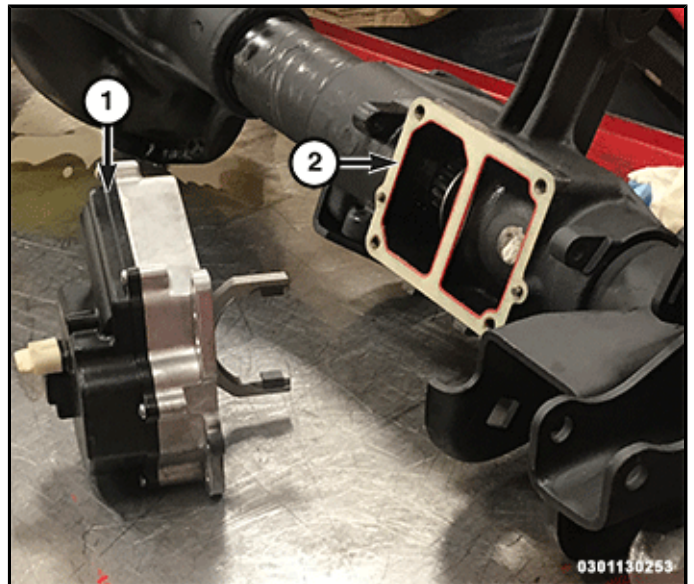
3. Disconnect the FAD actuator wire harness connector (1).



4. Remove and **DISCARD** the FAD actuator bolts (1).



5. Remove the FAD actuator (1) and the gasket (2).



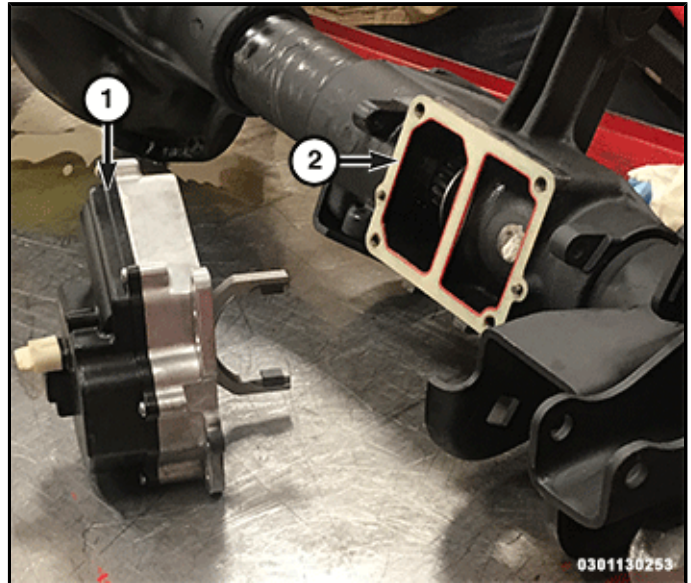
6. If debris is present or there is axle damage or coupler damage refer to (Refer to 03 - Differential and Driveline/Front Axle/Diagnosis and Testing).

## INSTALLATION

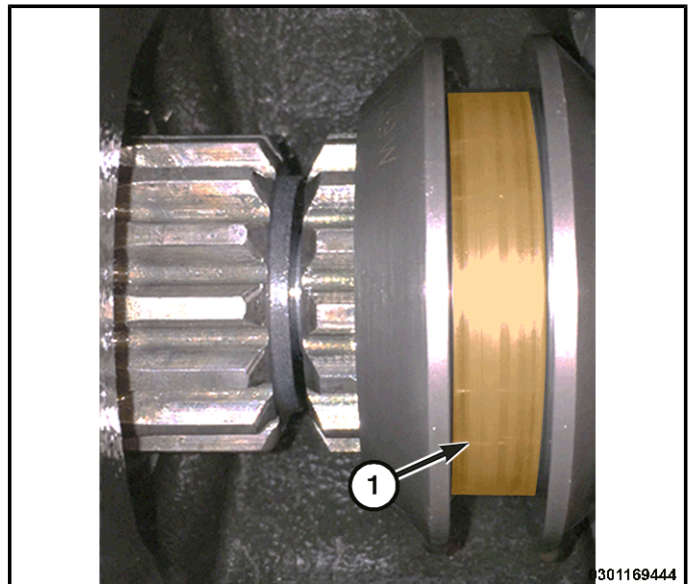
**NOTE:** **DO NOT** use any petroleum based cleaner on threads, doing so will cause thread patch failure.

**NOTE:** Never reuse the FAD actuator bolts, if the FAD bolts are removed they must be replaced with **NEW** bolts.

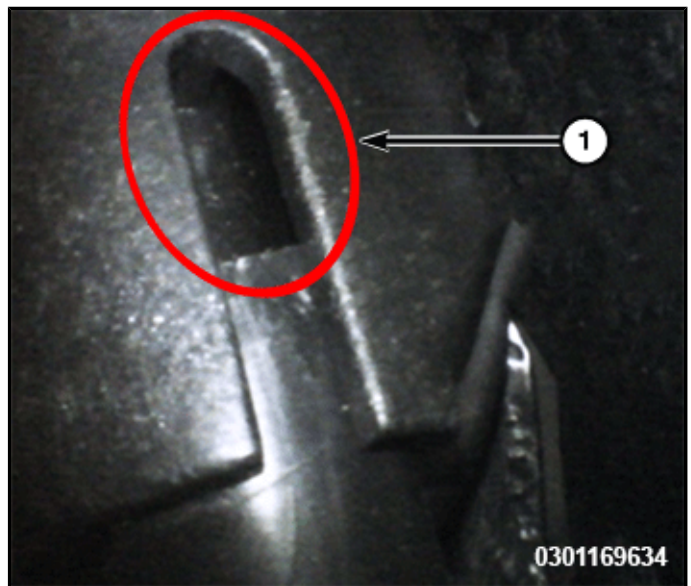
1. Clean the FAD sealing surface and install a new gasket (2).



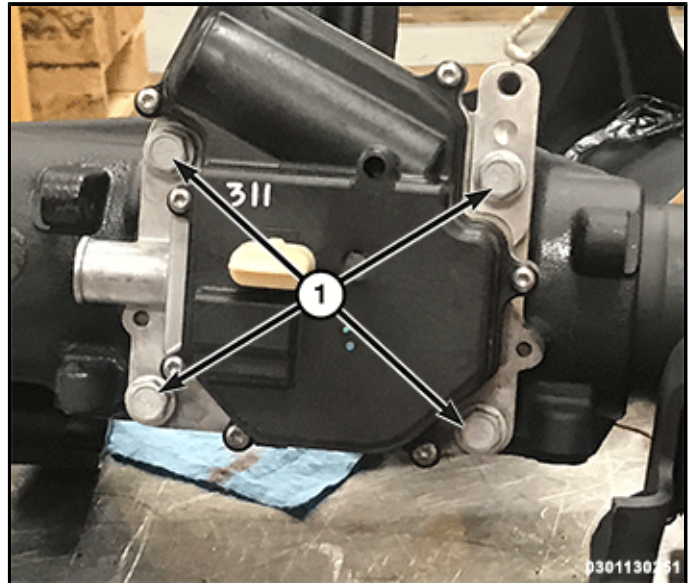
2. Align the FAD shift fork within the highlighted area of the disconnect collar (1) and install the FAD actuator.



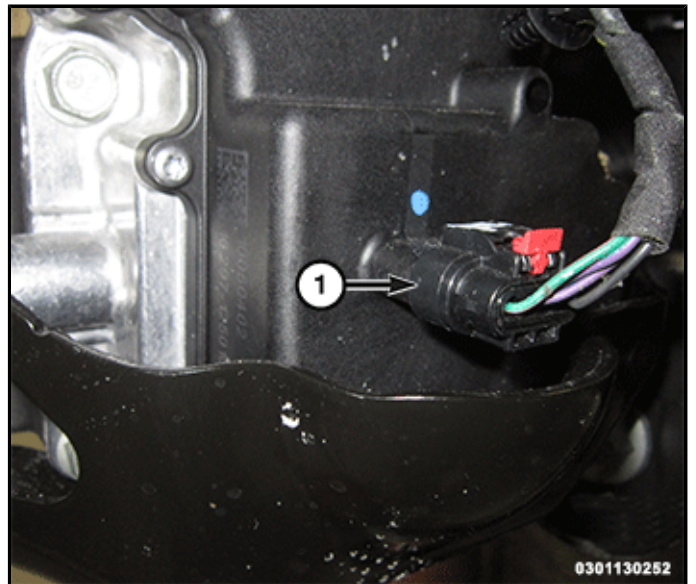
3. Verify that the FAD shift forks (1) are aligned properly in the correct location of the disconnect collar.



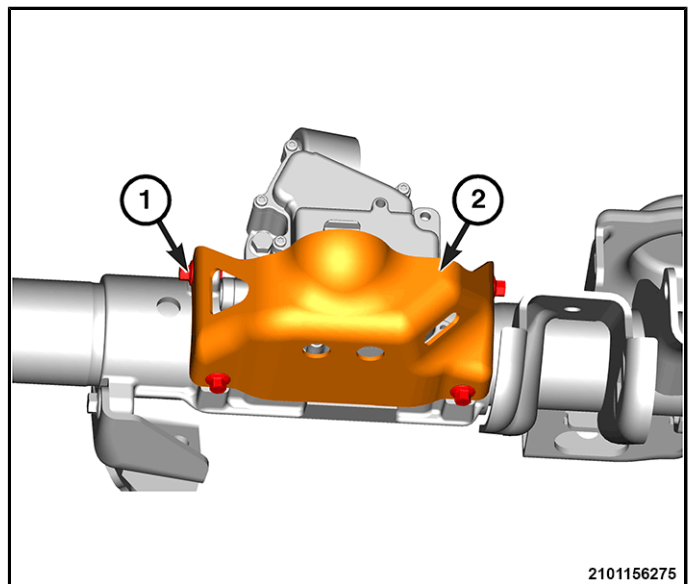
4. Install the FAD actuator bolts (1) and tighten in a crisscross pattern to the proper (Torque Specifications).



5. Connect the FAD actuator wire harness connector (1).



6. Install the FAD skid plate (2) and install the four fasteners (1) and tighten to the proper (Torque Specifications).



7. Check the differential fluid level and add fluid if necessary (Refer to 04 - Vehicle Quick Reference/Capacities and Recommended Fluids/Specifications).
8. Remove the support and lower the vehicle.