

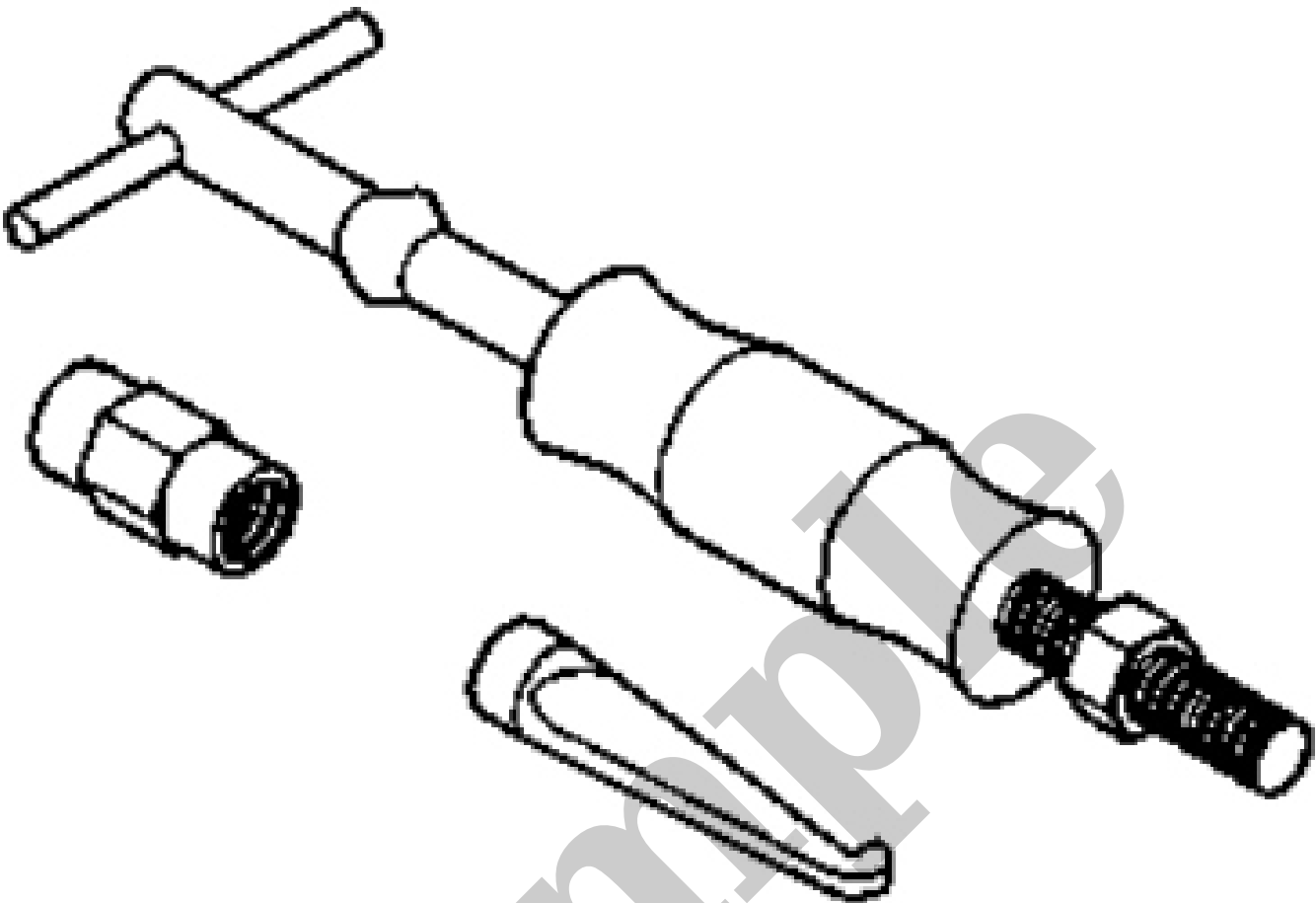
Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2007 JEEP Wrangler Unlimited Rubicon OEM Service and Repair Workshop Manual

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Slide Hammer, Universal

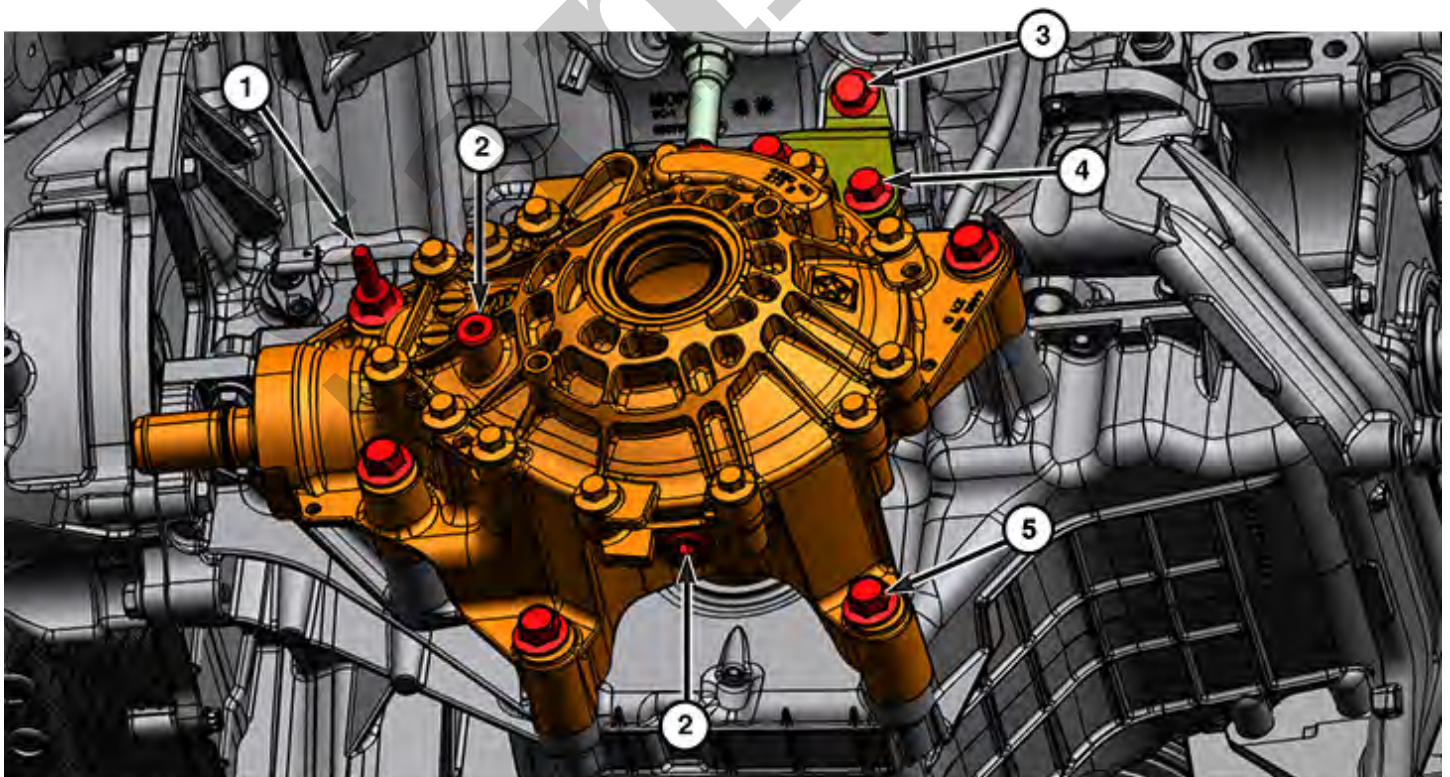


1 - Fill Plug

2 - Drain Plug

3. Remove the axle drain plug and drain lubricant completely from the axle.
4. Install the drain plug and torque to specification.
5. Remove the right front tire.
6. Partially remove the inner fender splash shield to access the fill plug.
7. Remove the fill plug and fill front axle to the bottom of the fill port ([Refer to Vehicle Quick Reference/Capacities and Recommended Fluids - Specifications](#)).
8. Install the fill plug and torque to specification.
9. Install the front belly pan ([Refer to Frame and Bumpers/Under Body Protection/BELLY PAN/Removal and Installation](#)).
10. Remove the support and lower the vehicle.

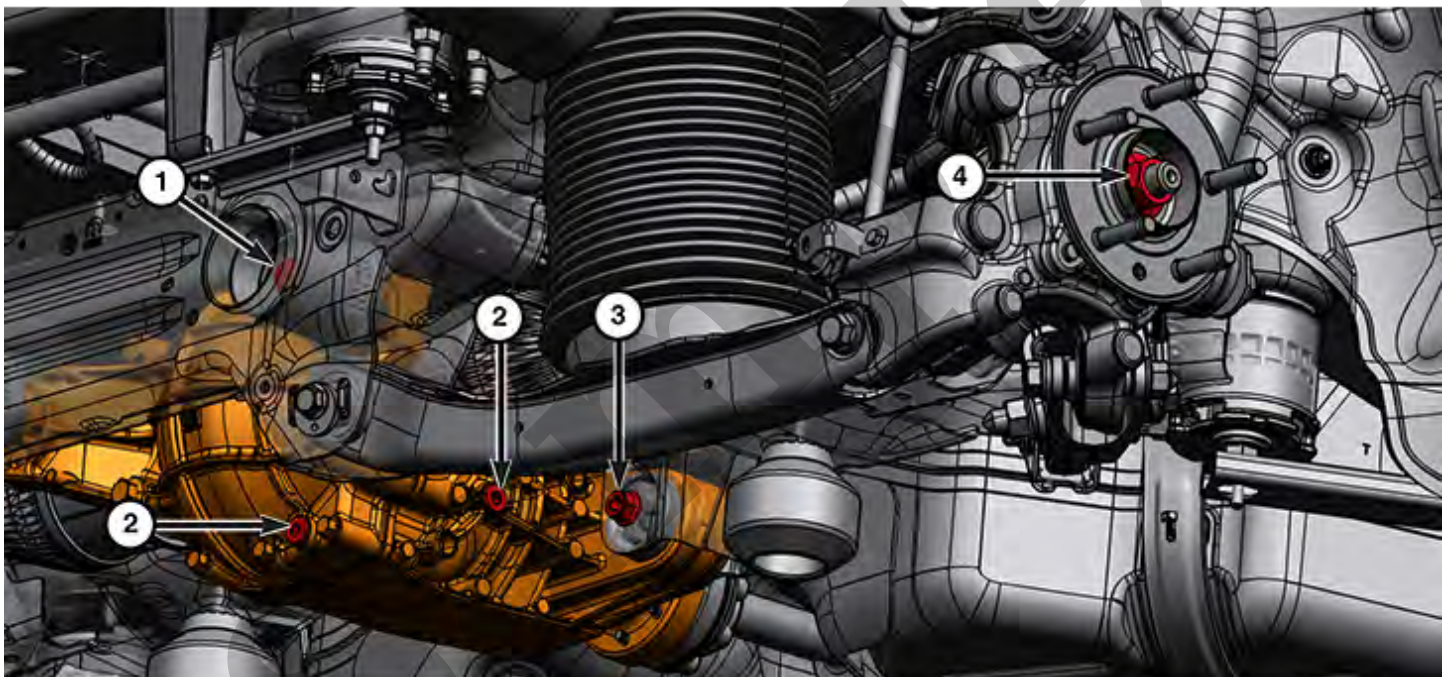
TORQUE SPECIFICATIONS - FRONT AXLE - 195FIA



2 - Fill Plug

2. Remove the rear axle drain plug and drain lubricant completely from the axle.
3. Install the drain plug and torque to specification.
4. Remove the fill plug and fill rear axle to the bottom of the fill hole ([Refer to Vehicle Quick Reference/Capacities and Recommended Fluids - Specifications](#)).
5. Install the fill plug and torque to specification.

TORQUE SPECIFICATIONS - REAR AXLE - 195RIA



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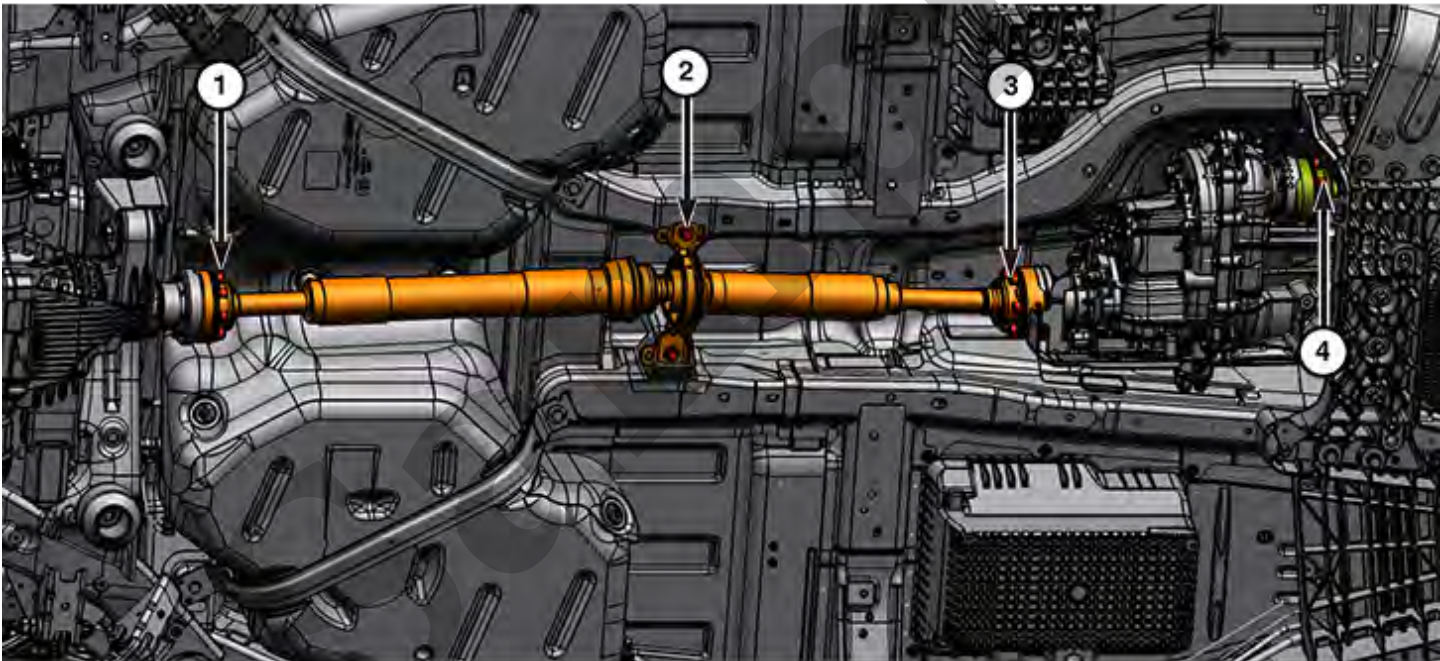
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Rear Axle to Crossmember Bolts	115 N·m (85 Ft. Lbs.)	-
2	Drain and Fill Plugs	35 N·m (26 Ft. Lbs.)	-

CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
3	Drain and Fill Plugs	35 N·m (26 Ft. Lbs.)	-
4	Rear Axle Forward Pinion Mount Bolt and Nut	90 N·m (66 Ft. Lbs.)	-
5	Halfshaft Hub and Bearing Nut	310 N·m (229 Ft. Lbs.)	Do not reuse these fasteners. If removed, a new fastener must be installed and tightened to specifications
-	Electronic Limited Slip Differential (ELSD) Module Nuts	7 N·m (62 In. Lbs.)	-

Torque Specifications

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS - DRIVESHAFTS

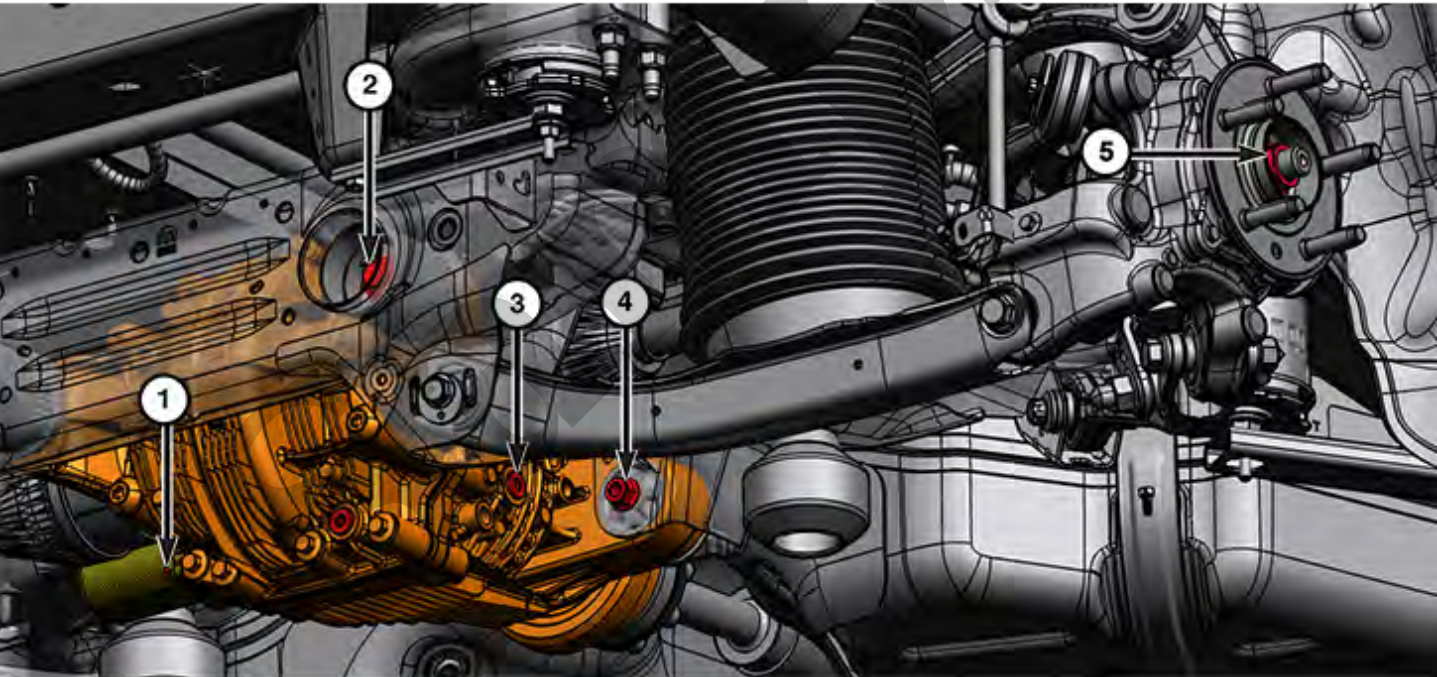


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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Rear Driveshaft to Rear Pinion Flange Bolts	56 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications
2	Rear Driveshaft Center Support Bearing Bolts	55 N·m (41 Ft. Lbs.)	If removed, NEW bolts must be installed and tightened to specifications

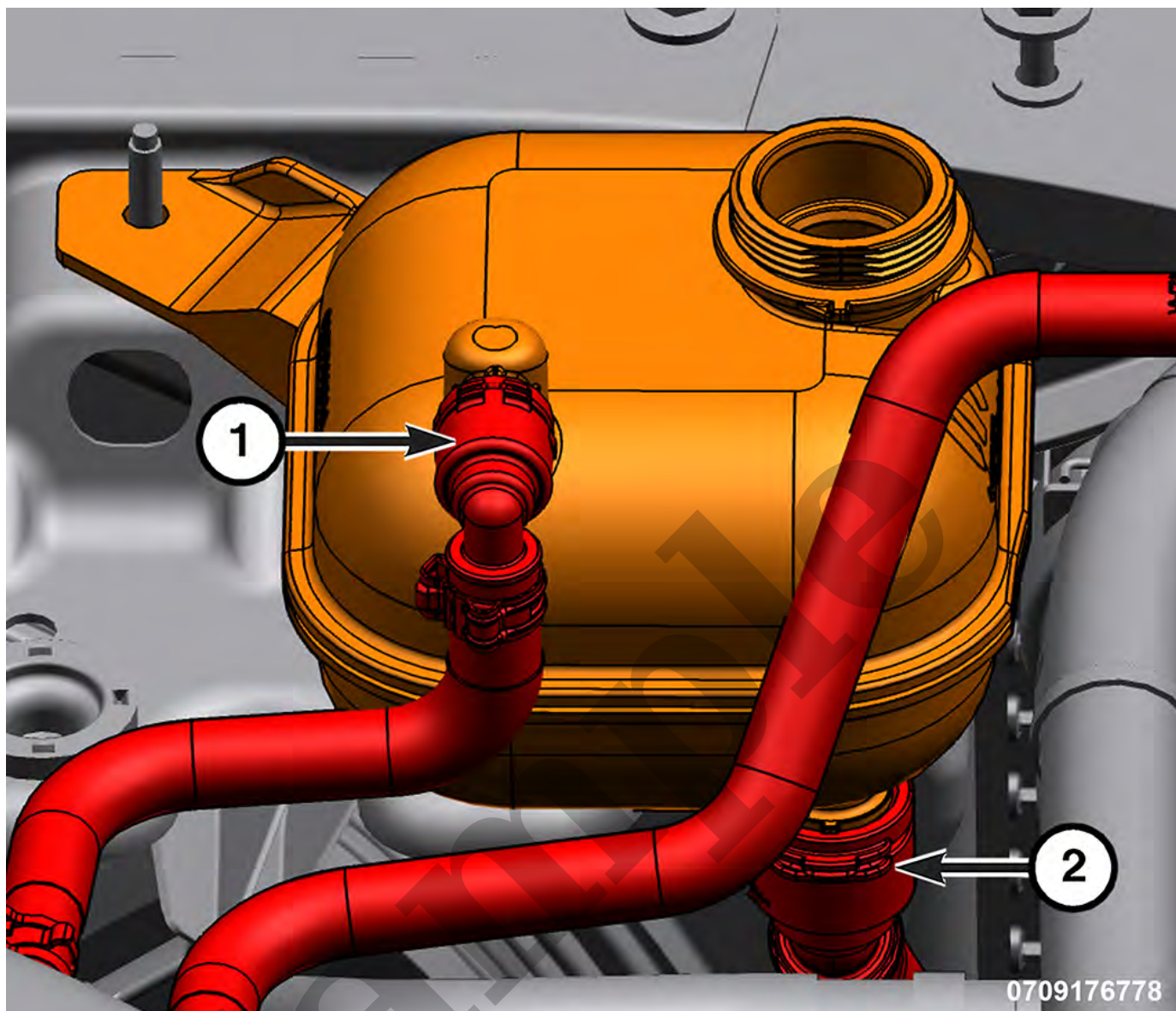
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
2	Drain and Fill Plugs	35 N·m (26 Ft. Lbs.)	-
3	Rear Axle Forward Pinion Mount Bolt and Nut	90 N·m (66 Ft. Lbs.)	-
4	Halfshaft Hub Nut	310 N·m (229 Ft. Lbs.)	Do not reuse these fasteners. If removed, a new fastener must be installed and tightened to specifications

TORQUE SPECIFICATIONS - REAR AXLE - 230RIA



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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Electronic Limited Slip Differential (ELSD) Motor Bolts	8 N·m (71 In. Lbs.)	-

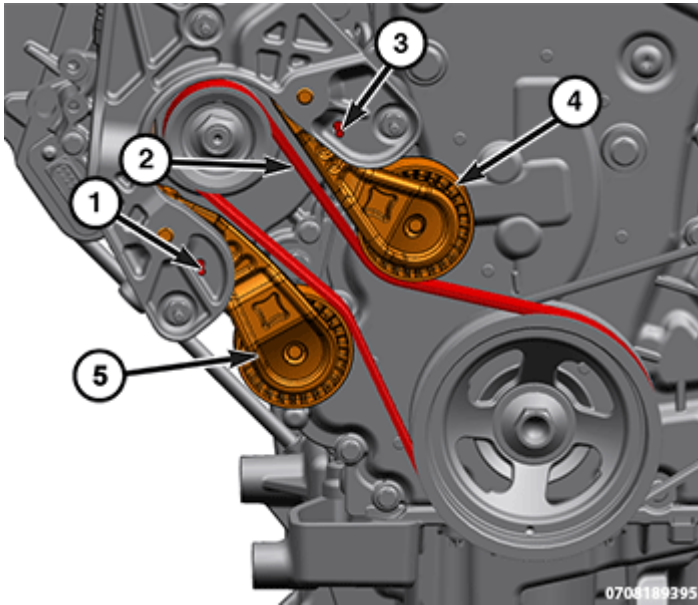


1 - Coolant Vent Hose

2 - Lower Coolant Hose

4. Disconnect the low temp coolant vent hose.

20. Using a suitable wrench, rotate the bottom belt tensioner clockwise and install a suitable locking pin in the belt tensioner hole.



1 - Lower Belt Tensioner Hole
2 - Motor Generator Unit Serpentine Belt
3 - Upper Belt Tensioner Hole
4 - Upper Belt Tensioner
5 - Lower Belt Tensioner

21. Using a suitable wrench, rotate the upper belt tensioner counter clockwise and install a suitable locking pin in the belt tensioner hole.

22. Using a suitable wrench, rotate the lower belt tensioner clockwise and install a suitable locking pin in the belt tensioner hole.

23. Remove the Motor Generator Unit (MGU) serpentine belt.

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Visually check and be sure that all the serpentine belt is fully seated on all the pulleys.

YOUR CURRENT VEHICLE

Water Pump Belt

WATER PUMP BELT

REMOVAL

0:00 / 0:25

1. Remove the Motor Generator Unit (MGU) serpentine belt ([Refer to 09 - Engine/Accessory Drive/BELT, Serpentine/Removal and Installation](#))([Refer To List 1](#)).