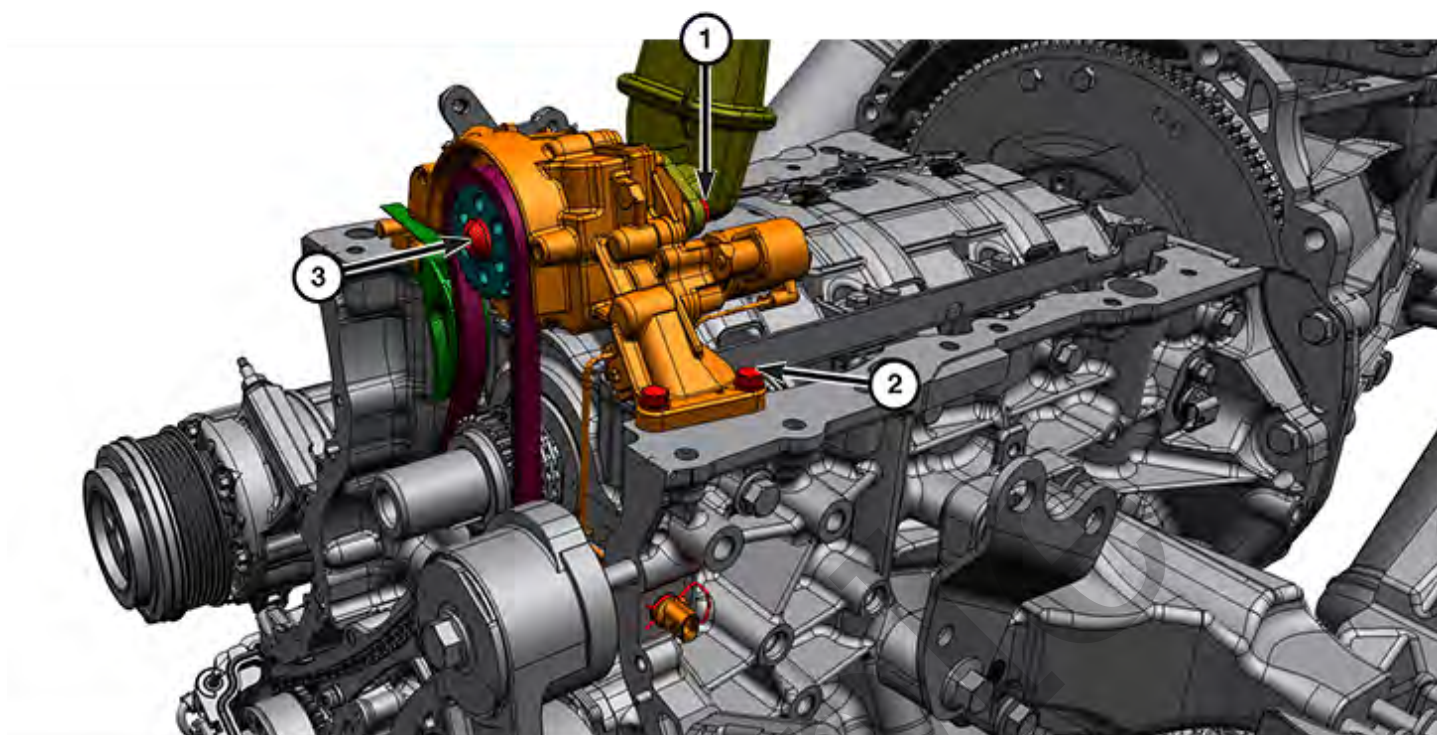


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FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2011 Jeep CHEROKEE Service Manual

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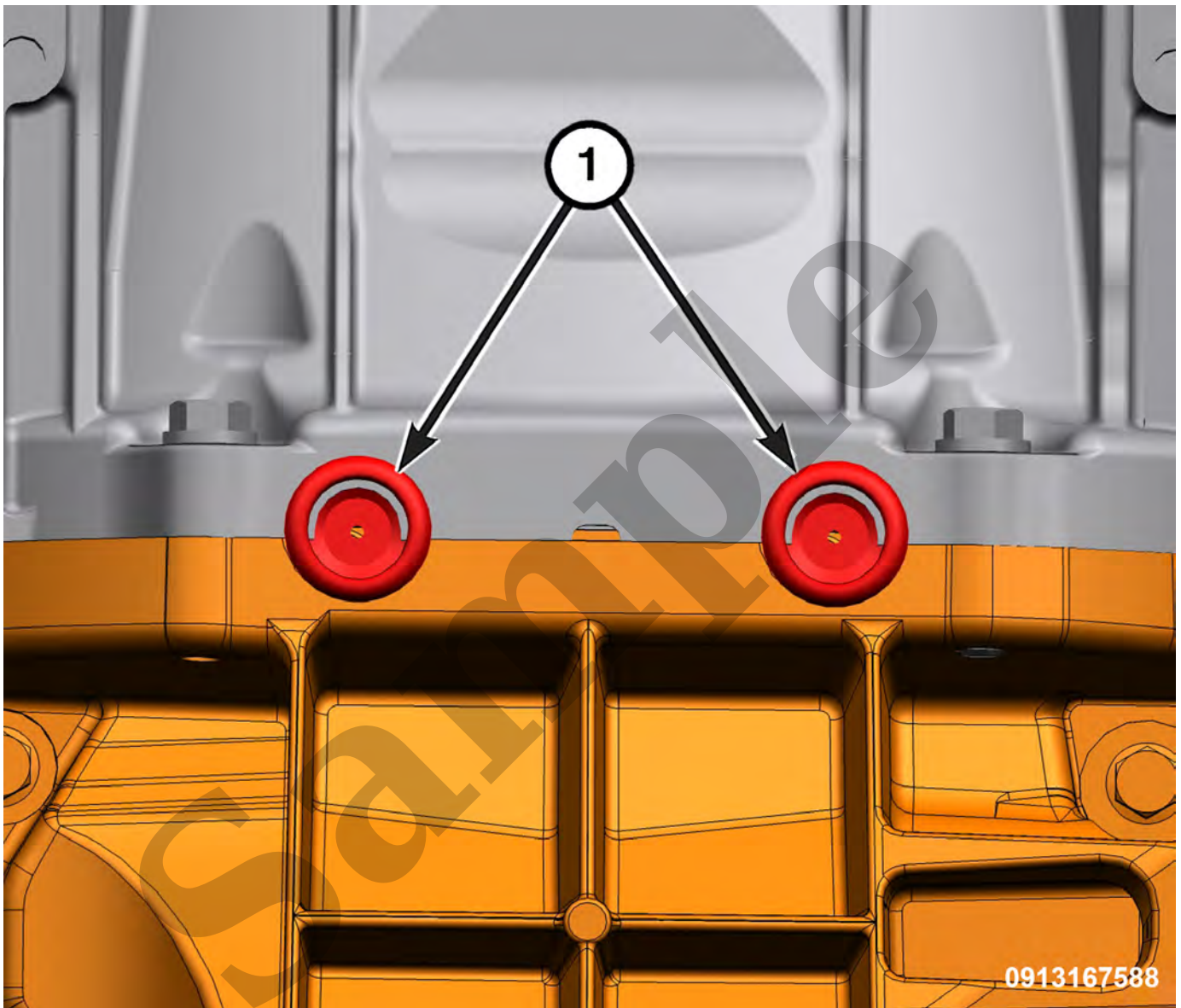
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Oil Pump Pick Up Tube to Oil Pump M6 Bolt	12 N·m (106 In. Lbs.)	—
2	Oil Pump to Engine Block M6 Bolts	12 N·m (106 In. Lbs.)	—
3	Oil Pump Sprocket M8 Bolt	26 N·m (18 Ft. Lbs.)	—

Refer To List:

List 1

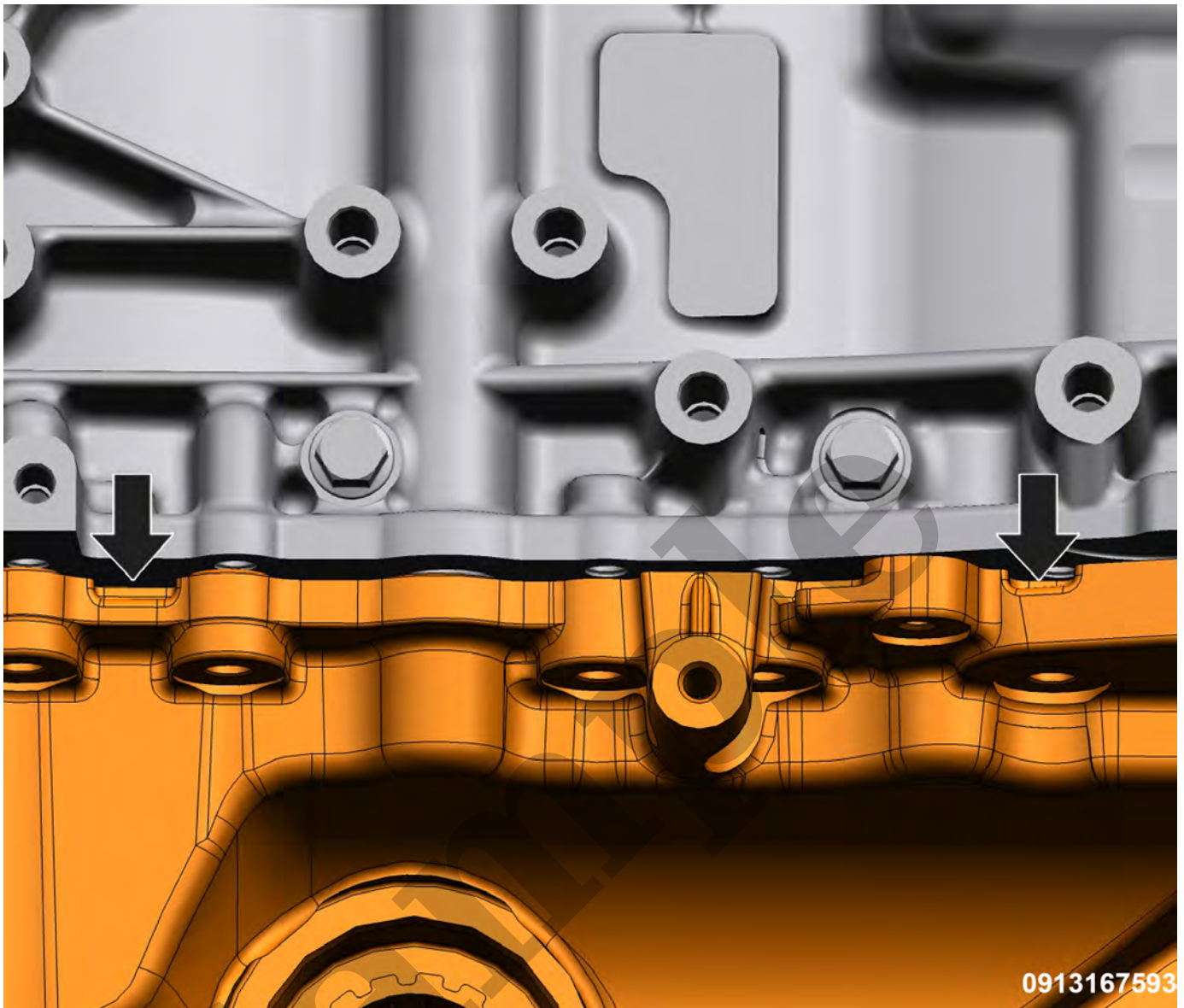
- [09 - Engine, 2.0L / Lubrication / Standard Procedure](#)
- [09 - Engine, 3.6L / Lubrication / Standard Procedure](#)
- [09 - Engine, 5.7L / Lubrication / Standard Procedure](#)

8. Remove the front axle disconnect ([Refer to Differential and Driveline/ACTUATOR/MOTOR/Removal and Installation](#)).
9. Remove the front axle ([Refer to Differential and Driveline/ASSEMBLY, Differential/Removal and Installation](#)).



1 - Rubber Plugs

10. Remove two rubber plugs covering the rear oil seal retainer flange bolts.

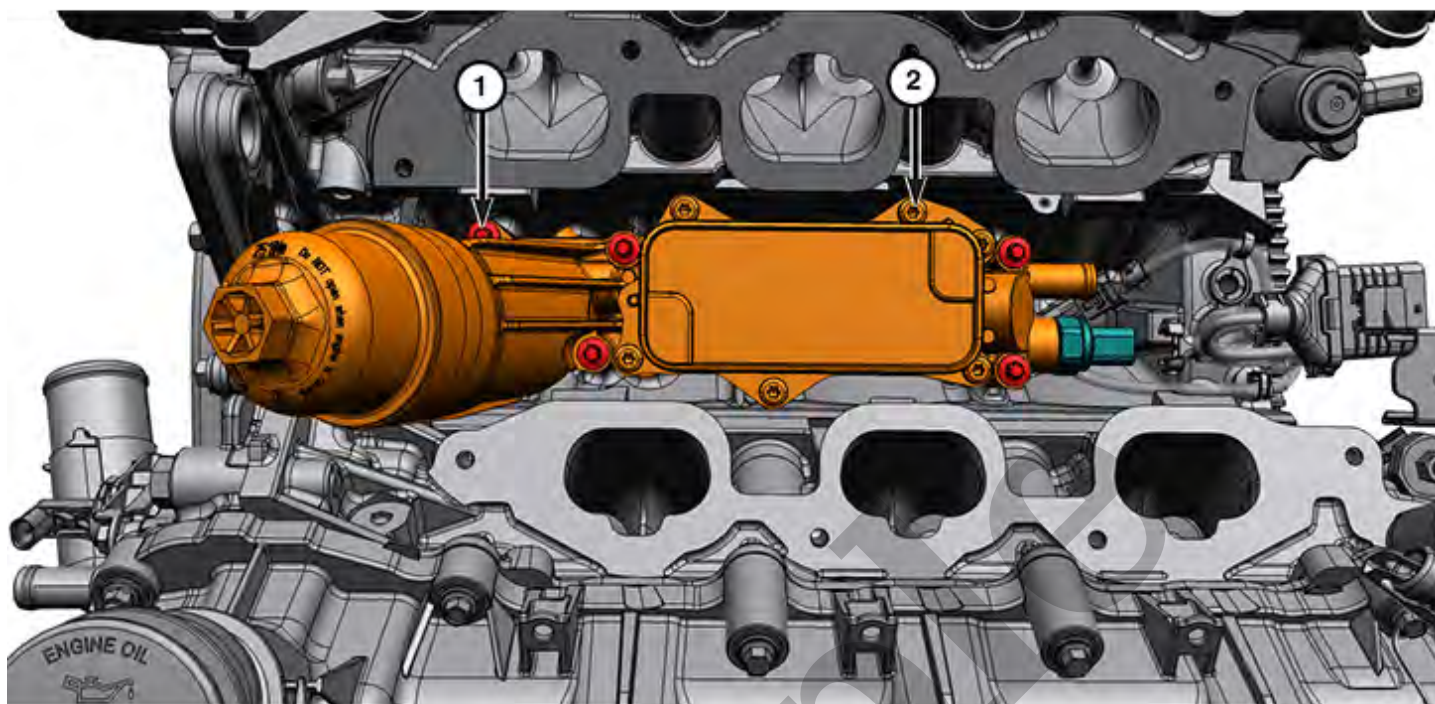


14. Using the indicated pry points, carefully remove the upper oil pan.

15. Remove all residual sealant from the upper and lower oil pans, timing chain cover, rear seal retainer and engine block mating surfaces.

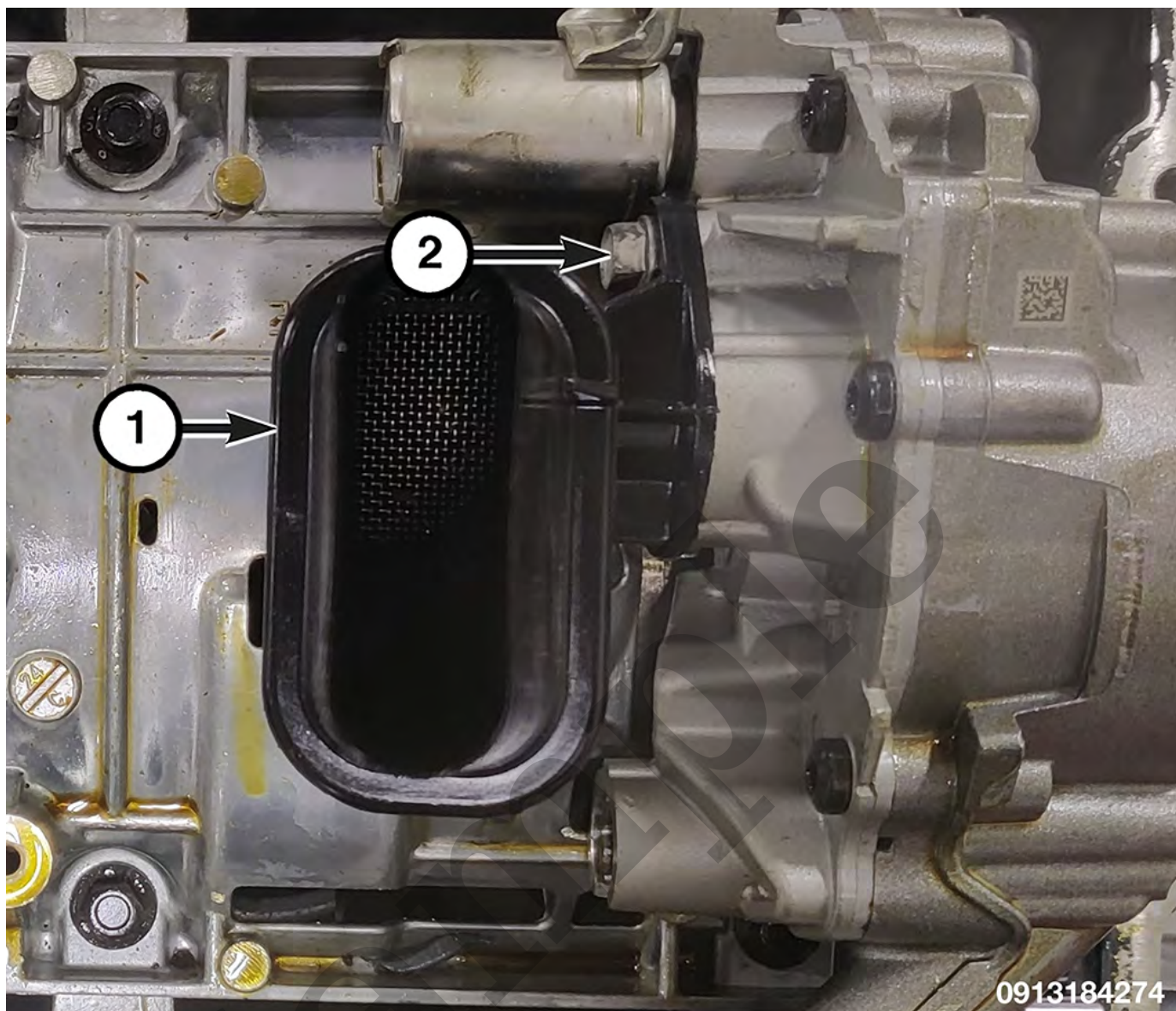
INSTALLATION

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.



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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Oil Filter Housing/Oil Cooler to Engine Block M6 Bolts	12 N·m (106 In. Lbs.)	—
2	Oil Cooler to Oil Filter Housing Screws	12 N·m (106 In. Lbs.)	—
-	Oil Filter Housing Cap	25 N·m (18 Ft. Lbs.)	—



1 - Oil Pick-Up Tube

2 - Oil Pick-Up Tube To Oil Pump Bolt

3. Remove the oil pick-up tube to oil pump bolt.

4. Remove and discard the O-ring seal from the oil pick-up tube.

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.

- Lightly lubricate the **NEW** oil pick-up tube O-ring with engine oil and install it on the oil pick-up tube.
- If removed, install the engine oil filter and fill the engine crankcase with the proper engine oil to the correct level.

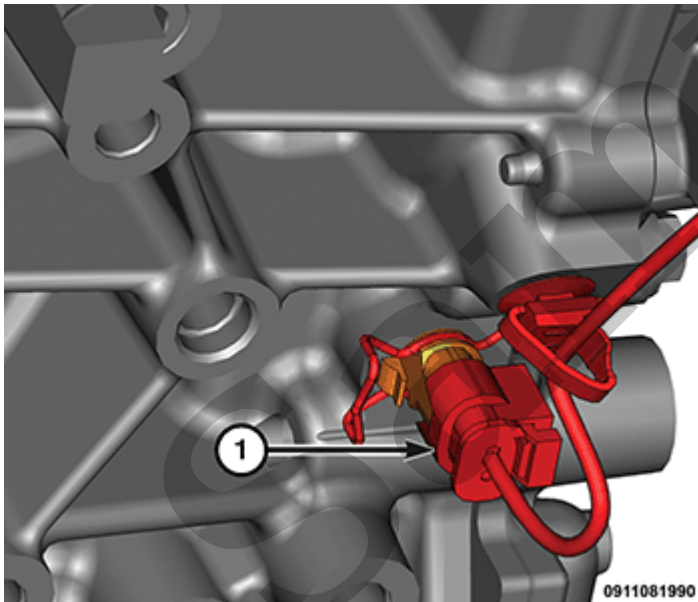
YOUR CURRENT VEHICLE

Engine Oil Pump

ENGINE OIL PUMP

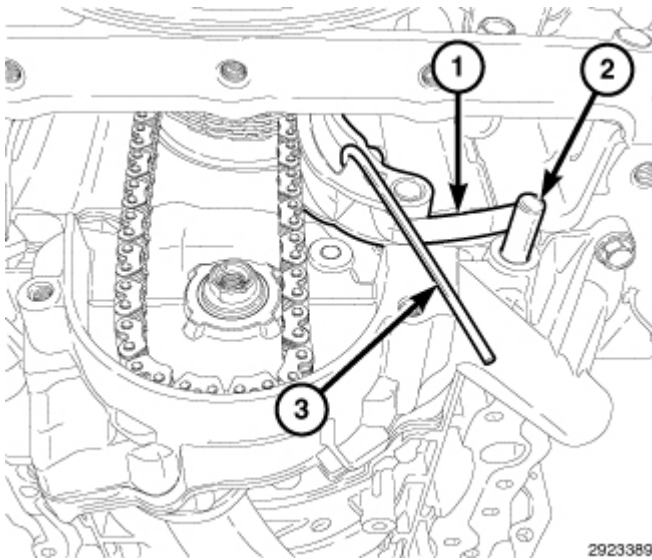
REMOVAL

1. Remove the oil pump pick-up ([Refer to Engine/Lubrication/PICK-UP, Oil Pump/Removal and Installation](#)) ([Refer To List 1](#)).
2. Remove the two oil pump gear cover bolts.



1 - Oil Pump Solenoid Wire Harness Connector

3. Disconnect the oil pump solenoid wire harness connector.



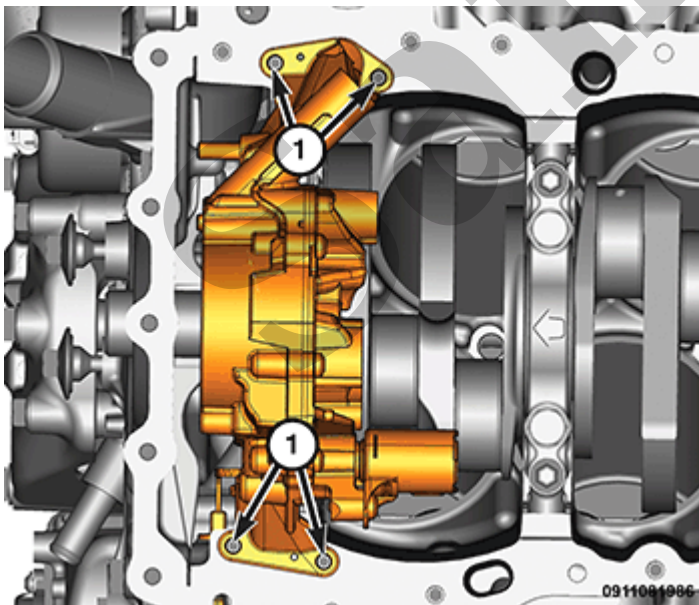
1 - Oil Pump Chain Tensioner Spring

2 - Dowel Pin

3 - Retaining Pin

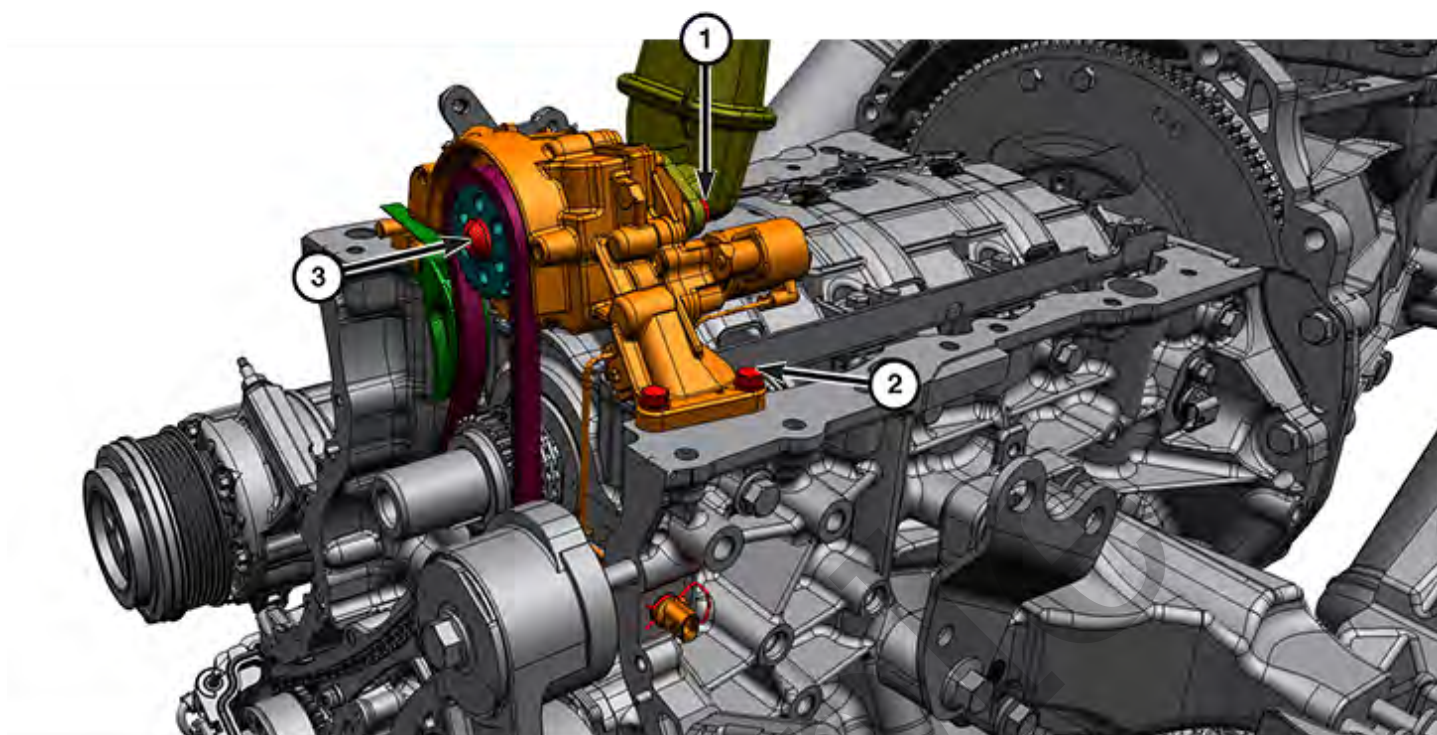
10. Remove the retaining pin and disengage the oil pump chain tensioner spring from the dowel pin.

11. Remove the oil pump chain tensioner from the oil pump.



1 - Oil Pump Bolts

12. Remove the four oil pump bolts and the oil pump.



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CALLOUT	DESCRIPTION	SPECIFICATION	COMMENTS
1	Oil Pump Pick Up Tube to Oil Pump M6 Bolt	12 N·m (106 In. Lbs.)	—
2	Oil Pump to Engine Block M6 Bolts	12 N·m (106 In. Lbs.)	—
3	Oil Pump Sprocket M8 Bolt	26 N·m (18 Ft. Lbs.)	—

Refer To List:

List 1

- [09 - Engine, 2.0L / Lubrication / PICK-UP, Oil Pump / Removal and Installation](#)
- [09 - Engine, 3.6L / Lubrication / PICK-UP, Oil Pump / Removal and Installation](#)

List 2

- [09 - Engine, 2.0L / Lubrication / Standard Procedure](#)
- [09 - Engine, 3.6L / Lubrication / Standard Procedure](#)
- [09 - Engine, 5.7L / Lubrication / Standard Procedure](#)



1 - Oil Fill Cap

10. Install the engine oil filter ([Refer to Engine/Lubrication/FILTER, Engine Oil/Removal and Installation](#)).
11. Remove the oil fill cap. Fill the crankcase with the specified type and amount of engine oil ([Refer to Vehicle Quick Reference/Capacities and Recommended Fluids - Specifications](#)).
12. Install the oil fill cap.
13. Start the engine and inspect for leaks.