



Rear Engine Oil Leak on 2016 Dodge/Jeep 5.7L Engines

The AERA Technical Committee offers the following information on a rear engine oil leak on certain 2016 Dodge/Jeep 5.7L engines. These engines are installed in Dodge Durango and Jeep Grand Cherokee vehicles.

It is important to note that this information applies only to vehicles built on or after December 14, 2015 (MDH 1214XX) and on or before April 29, 2016 (MDH 0429XX) and equipped with a 5.7L V8 MDS VVT Engine (Sales Code EZH).

The customer may complain about an oil weepage or leak at the rear of the engine. If it can be observed such as shown in the indicator 1 in Figure 1 below, the oil pan must be replaced.

To aid in verification that the weepage is coming from the oil pan, add leak detection dye to engine crankcase and observe this location with a black light after the engine has been run for a period of time. Cleaning the leakage area thoroughly before starting the engine may speed up the diagnosis time significantly.

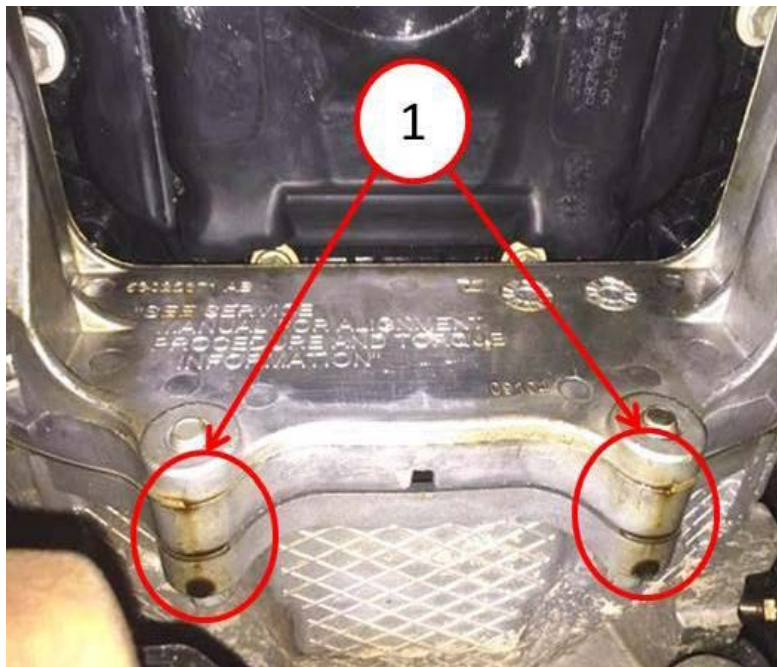


Figure 1. Oil Weepage from Oil Pan



Below is a list of parts required to perform this repair.

PARTS REQUIRED:

Qty	Part Number	Description
1	68160481AB	Oil Pan with Gasket and Bolts
7	68218890AB	5W20 Engine Oil
1	04892339AA	Oil Filter - Engine
1	05010042AC	Leak Detection Dye
1	53020861	Seal, Oil Pick-Up Tube
1	68082860AB	RTV Sealant
1	06510206AA	Screw, Pan Head - M10 x1.5 x 30
4	06104257AA	Bolt, Hex flange Head - M14 x 1.5 x 40
2	06104719AA	Hex Flange Nut - Lock M14 x 1.5
2	06511398AA	Hex Nut and washer - M14 x 1.5 Outer Tie Rod Nut
1	04318031AB	Thread Lock and seal adhesive
8	53022143AB	Seal - Intake Manifold
2	06509298AA	Nut, Hex Flange Lock M22 x 1.5