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Coding Information

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**Title:** Oil Leaks at the Bottom of the Oil Filter Module

**Applies To:** All A26, N13, 2010 11 & 13L Engines

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/01/2021 - Initial Article Release.

## DESCRIPTION

This document will introduce a new seal kit that is available to service oil leaks at the bottom of the oil filter module. This kit can be used to reseal the square plate located at the bottom of the module on all A26, N13, and 2010 11 & 13L engines.

## SYMPTOMS

An oil leak may develop on the right side of the engine at the bottom portion of the oil filter module.

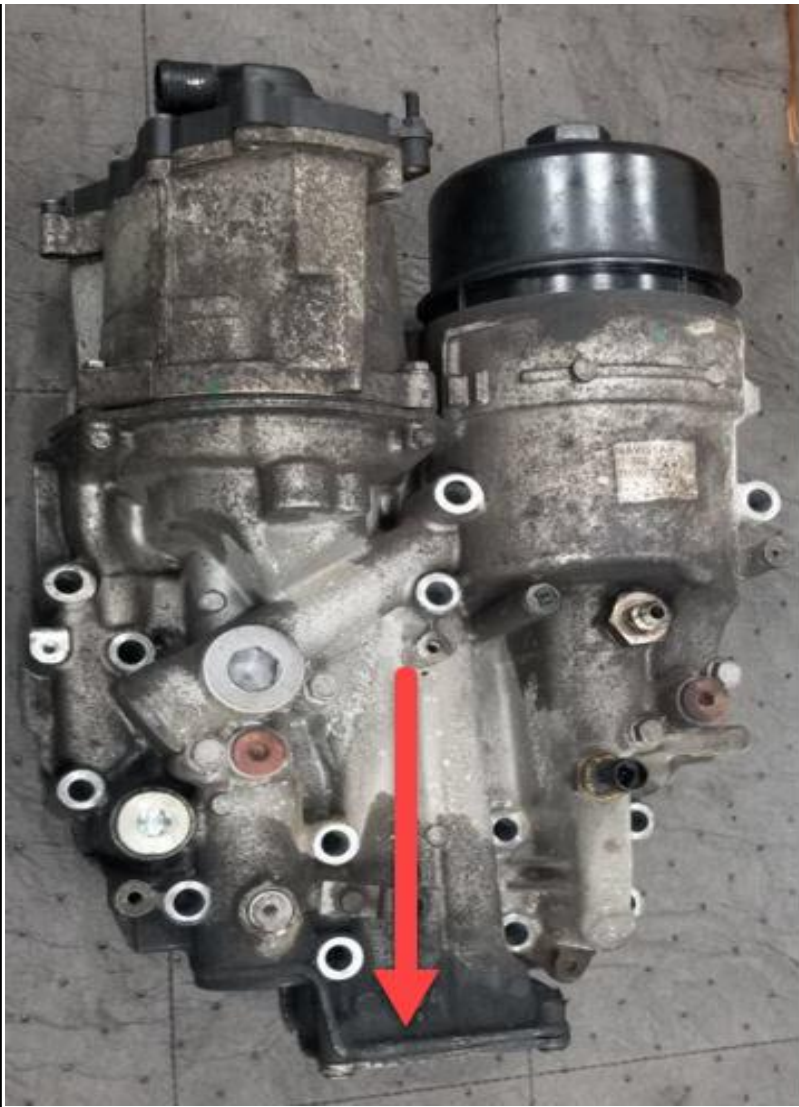
### Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

### Customer Observations or Concerns:

- Oil leak on the lower right front side of engine

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**Figure #1: Plate seal leak at the bottom of the oil filter module**

## **SPECIAL TOOLS / SOFTWARE**

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

## **SERVICE PARTS INFORMATION**

Kit Description	Part Number	Quantity	Notes
KIT, OIL MODULE LOWER PLATE	2517039C91	1	Contains the plate, screws, and seals to R&I the module
TUBE ASSY, TURBO OIL SUPPLY	7095692C94	1	For A26 engines ONLY
TUBE ASSY, TURBO OIL SUPPLY	See Notes	1	* Order by chassis number on N13, and 2010 11 &

## **DIAGNOSTIC STEPS**

Not Applicable

## **REPAIR STEP(S)**

**WARNING!** To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

**WARNING!** To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

**WARNING!** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

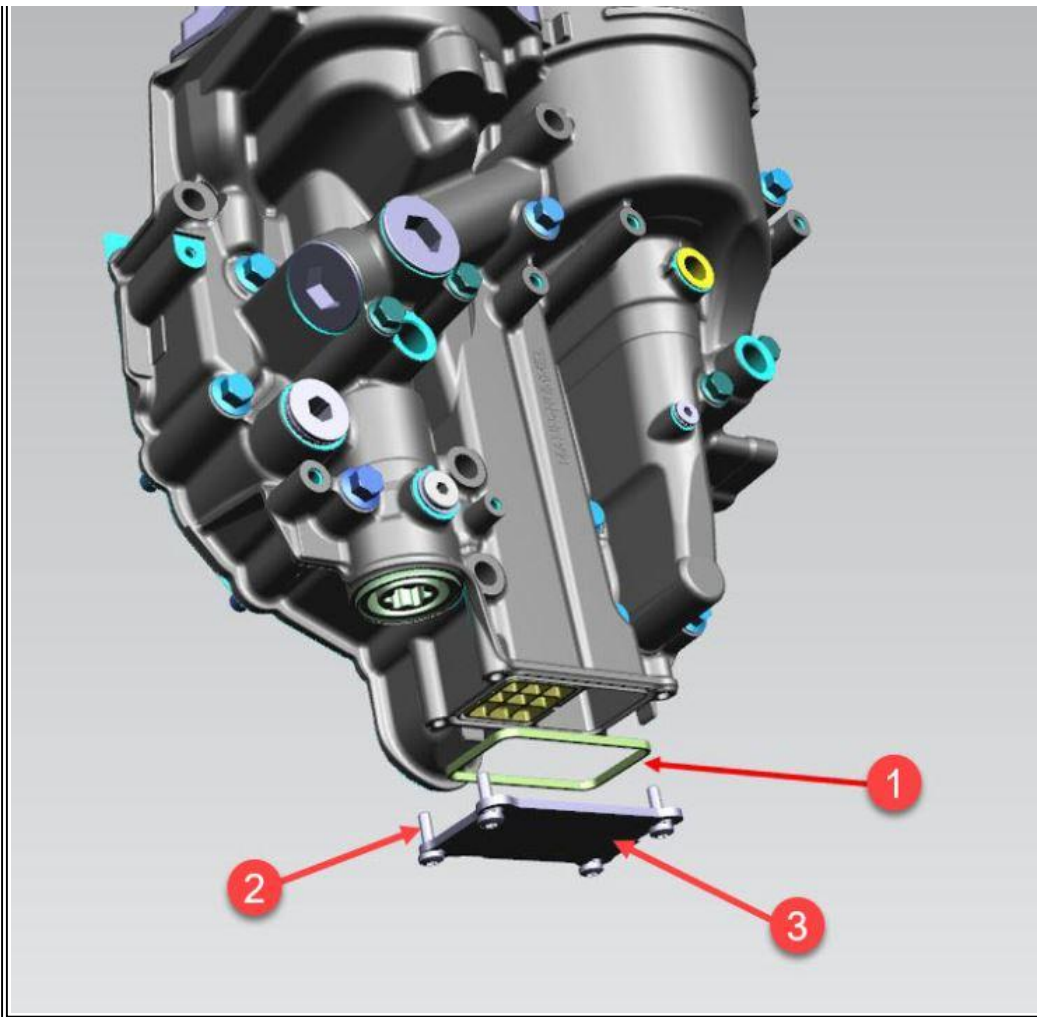
**WARNING!** To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

**WARNING!** To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

### **REMOVAL PROCEDURE:**

1. This repair will require removal of the complete oil filter module assembly from the engine. Navigate to the [Master Service Information Site](#) and follow the guidelines outlined in the applicable Service Manual to remove the oil filter module assembly.





**Figure #2: Lower Cover Plate Assembly**

- Item 1: Seal
- Item 2: M6 x 20 Bolts (Qty 4)
- Item 3: Plate

2. Once the oil filter module is off the engine, remove the four bolts (Figure #2 Item 2) from the housing assembly.
3. Remove and discard the rubber seal from inside the seal groove (Figure #3 Item 1) in the housing.





**Figure #3: Cover Removed**

Item 1: Seal Groove in the housing

4. Clean the seal groove (Figure #3 Item 1) of any oil or loose debris.

**INSTALLATION PROCEDURE:**

5. Install new seal dry (Figure #2 Item 1) into the groove (Figure #3 Item 1).

6. Install the new cover (Figure #2 Item 3) and the four new bolts (Figure #2 Item 2).

7. Torque the four bolts to 12 +/- 2 Nm (9 +/- 1 lb-ft).

8. Install the oil filter module assembly back on the engine as outlined in the Service Manual.

9. Install the new turbo oil supply line. It is recommended to replace this line as damage can occur to the flex portion of the line during removal and installation.

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## **WARRANTY INFORMATION**

**Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

**Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

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## **OTHER RESOURCES**

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