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Availability: ISIS, Bus ISIS, FleetISIS, Body Builder

Revision: 1

Major System: ENGINES

Created: 7/31/2013

Current Language: English

Last Modified: 3/16/2015

Other Languages: NONE

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Viewed: 1509

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Coding Information

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Title: Oil filter bypass slug in oil filter housing

Applies To: 2010 + MaxxForce DT, 9, 10, N9 & N10 (ESN 3,300,000 and later)

DESCRIPTION:

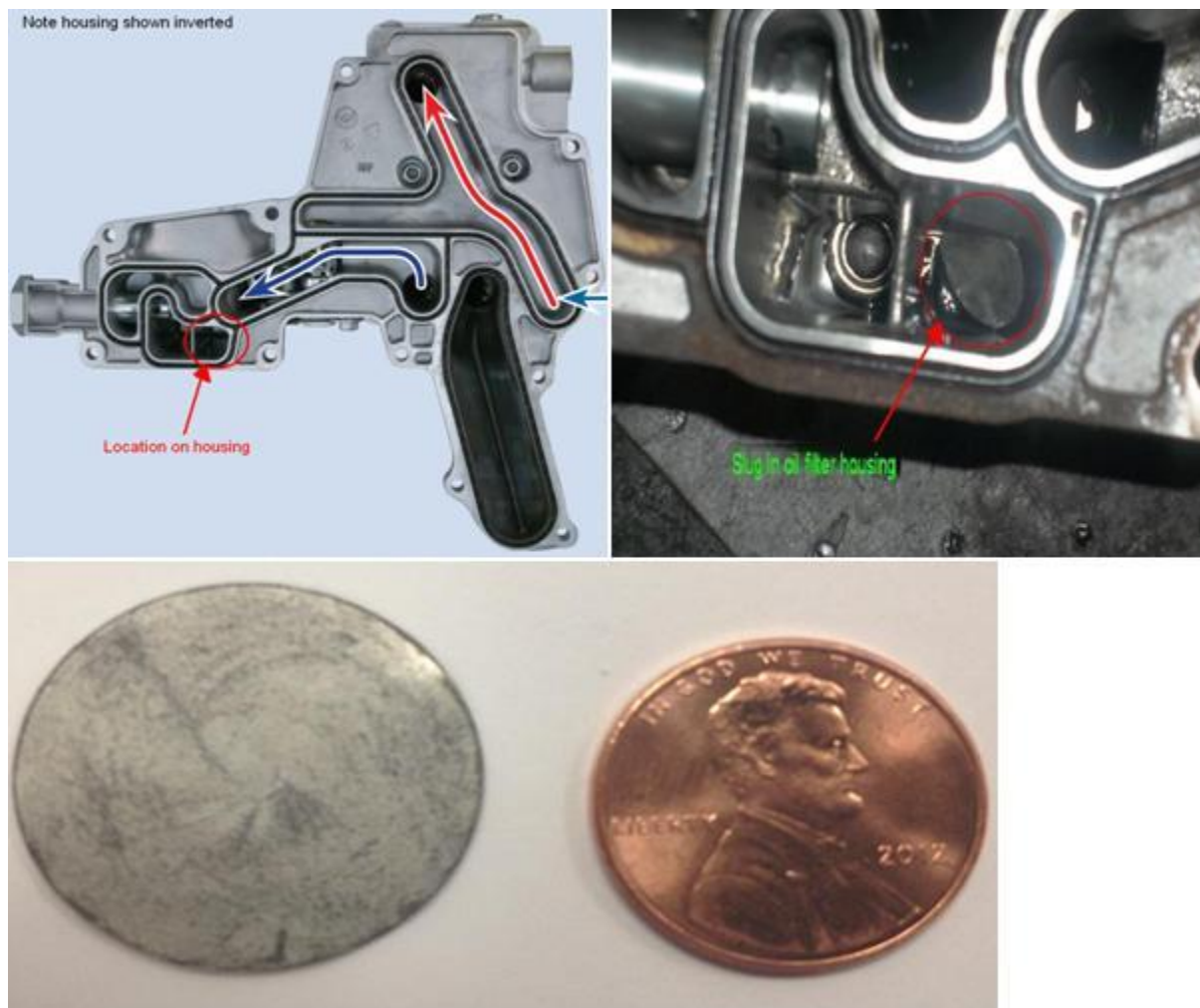
A machine slug in the oil filter bypass has the potential to become loose and lodge in the oil filter housing. This can then block off oil flow and lead to engine operation issues.

SYMPTOMS:

- Low or no base engine oil pressure (possibly intermittent)
- DTC SPN:100, FMI:18- Engine oil system below warning pressure
- DTC SPN:100, FMI:1- Engine oil system below critical pressure
- Possible No start or engine stalling due to low base engine oil pressure
- Excessive oil pressure
- Oil leak at engine oil filter

TROUBLESHOOTING:

Verify base engine oil pressure with a manual gauge while cranking and at idle, if possible, to rule out a sensor issue. If it can be verified that oil pressure is low or high, inspect the oil pressure regulator for scoring (note light ware may be seen on oil pressure regulator). If no major scoring is found, remove the filter housing and inspect for the blockage shown below.

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