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Document Information

Location: Powertrain / Electrical

Topic: Oil pressure warning

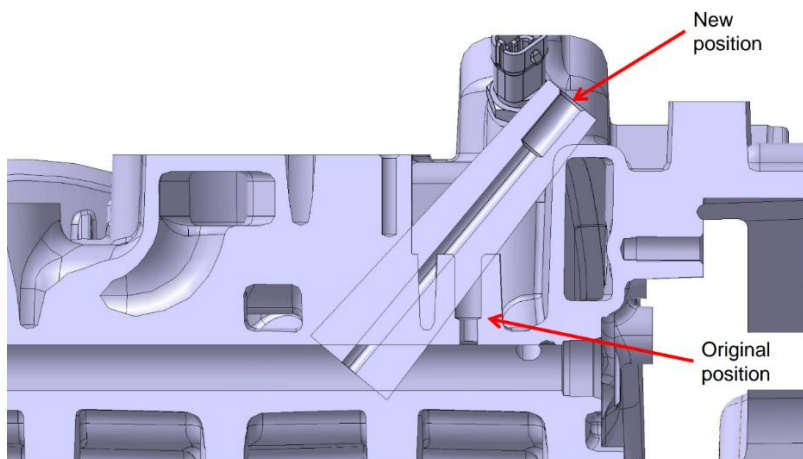
Condition: Intermittent

Diagnostic Trouble Codes: N/A

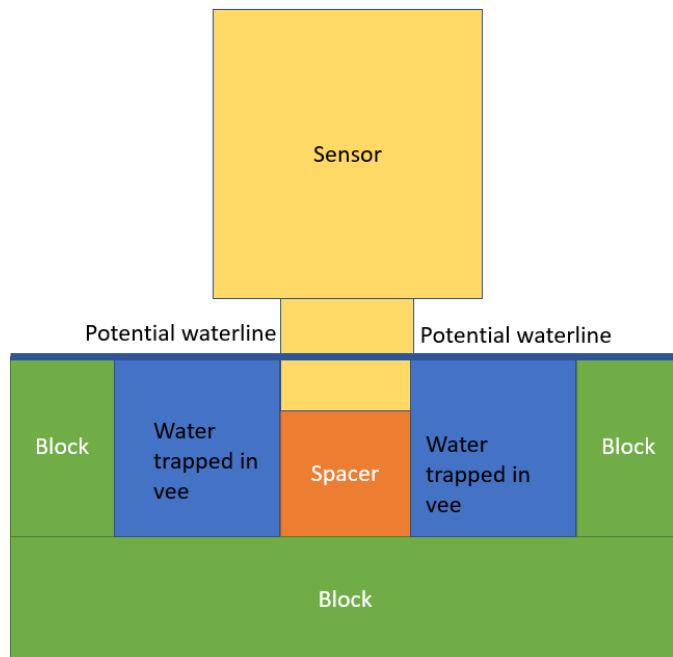
Measure

On early engine blocks, the oil pressure switch was positioned vertically within the casing. Due to the positioning, water may collect around the oil pressure switch electrical connection causing an intermittent oil pressure warning to illuminate.

Later engine blocks were re-designed so that the position of the oil pressure switch was clear of any water that could collect in the casing.



To prevent this condition, a spacer can be fitted between the casing and oil pressure switch to raise the switch's electrical connection above the level where water may collect.



In the event of an oil pressure warning illuminating and you have followed the necessary oil pressure checks in KA-01109 and checked the oil pump and baskets to confirm no damage or debris, please check the oil pressure switch positioning in the engine block and check to confirm if a spacer has been fitted.

If the switch is fitted vertically and no spacer is fitted, fit a spacer between the engine block and oil pressure switch as per SIS instructions AA-RM-04F01-01-024 - Remove/install oil pressure switch and test the vehicle to see if the issue is resolved.

While the cover is off the inlet manifold, check for any signs of water damage to the knock sensors and apply water resistant spray to the wiring harness and connectors to prevent future concerns.

Parts Information

Spacer - 11F1265SP

Attachments

N/A

KA Update Information

KA First release - 13/4/2023

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