

This document is uncontrolled when printed. Before use, check the Knowledge Base within the McLaren Retailer Portal to verify that this is the current version.

Document Information

Location: Powertrain

Topic: Grease noted externally of oil and coolant pump bellow

Condition: N/A

Diagnostic Trouble Codes: N/A

Measure

During inspection of the coolant and oil pump, grease may be present on the outside of the connecting bellow between the oil and coolant pump.

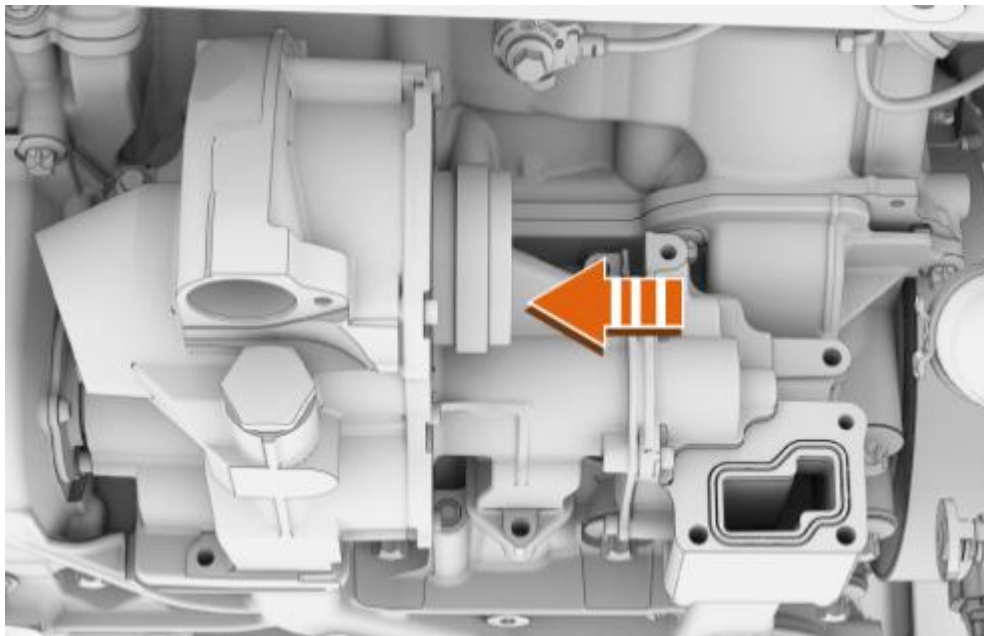


Figure 1.1 – Oil pump fitted without coolant pump showing bellow position

It is necessary to inspect the condition of the bellow to ensure there are no tears or damage and it is seated correctly.

If no concern is found with the bellow, inspect the vent hole and cable tie clasp position ensuring they are positioned facing upward as per **figure 1.2**.

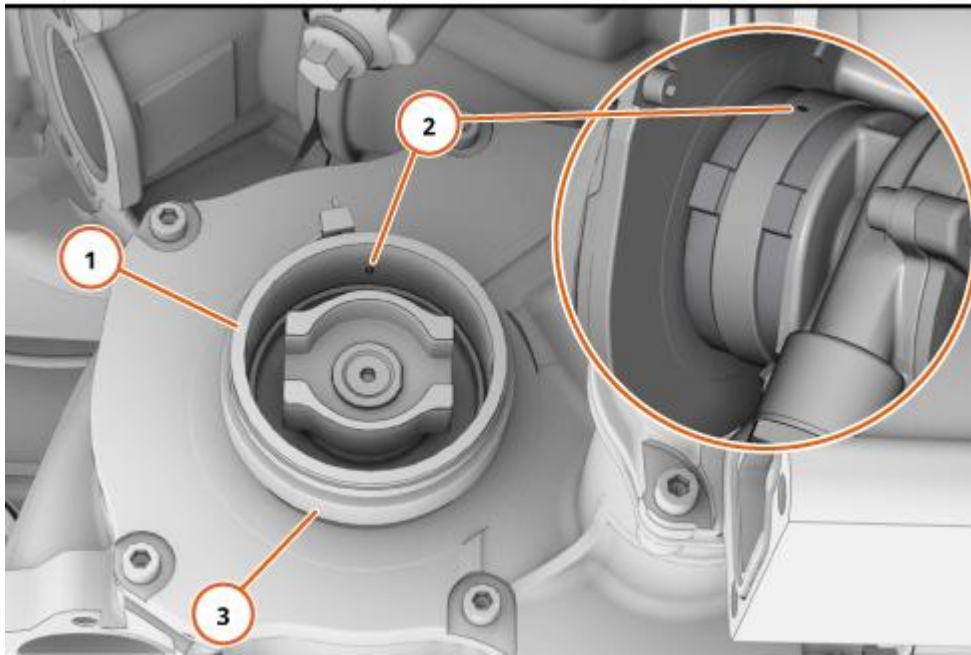


Figure 1.2 – Bellow vent hole facing upward

This is a dynamic grease filled joint which may allow for some grease to exit via the vent hole under hot running temperatures. This is expected behaviour for this component.

CARE POINT: Do not use any degreaser or harsh cleaning fluid directly on the bellow

For further bellow fitment guidance, follow *Powertrain - Engine / Engine / IC Engine / HA-RM-05F001-01-038 - Remove/Install Pump - Oil*

If there is a contamination concern or grease does continue to leak excessively, please raise a Technical Request for further guidance.

Parts Information

High Temperature Cable Ties - 16FC120CP X2

Attachments

N/A

KA Update Information

7/12/2022 – First Release

This document is uncontrolled when printed. Before use, check the Knowledge Base within the McLaren Retailer Portal to verify that this is the current version.