

**** SOLUTION ****

Title	13 Liter Engines ONLY - Engine Coolant Pump Housing Leak; Coolant Found Around The Oil Cooler Duct Cover Or In Between The Coolant Pump Housing And Oil Cooler Housing - Model Years 2019 And 2020
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Mack Models

Mack Model	TE - TerraPro , AN - Anthem , GR - Granite , PI - Pinnacle
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Volvo Models

Volvo Model	VN , VNL , VNR , VNX , VAH , VHD
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Engine family

Engine family	13L Engine , MP8
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**** SOLUTION ****

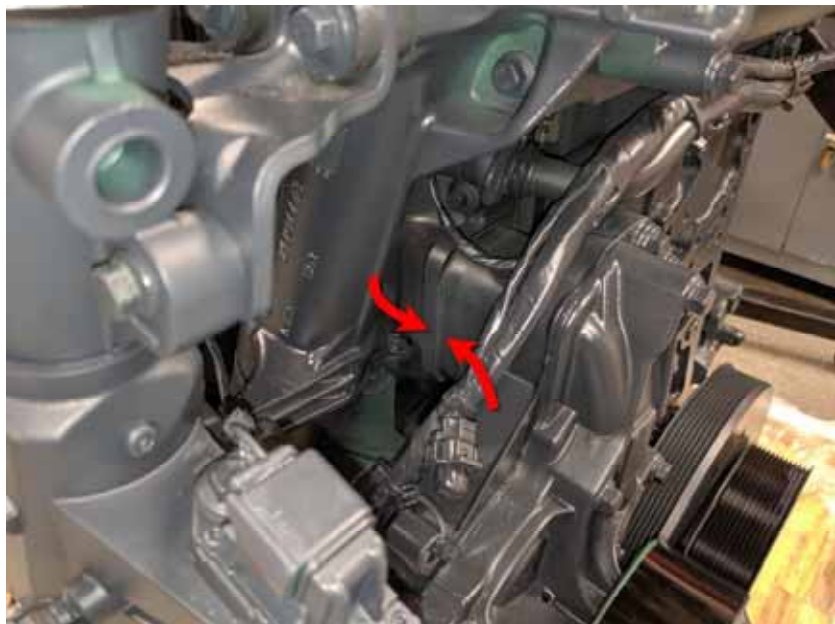
Cause	Vehicles built between 1 March 2018 and 28 May 2019 and equipped with a 13 liter engine may experience coolant leakage found on the front right side of the engine. It has been found that some coolant pump housings were manufactured out of specification.
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Solution

Vehicles affected by this issue will show coolant runoff on the front rights side of the engine. The likely area coolant will be found is highlighted below:



The joint between the coolant pump housing and oil cooler duct cover should be checked:



If a vehicle presents with a coolant leak in the area shown and the source of the leak is traced to the surfaces between the oil cooler duct cover and the coolant pump housing:

- Replace the coolant pump cover.
- Replace the seal between the oil cooler duct cover and the coolant pump.

Note: Ensure the seal is properly seated when reconnecting the housing and duct cover.
If the seal is improperly seated, leakage may persist after repairs are complete.

Solution visibility

Dealer distribution

Function(s)/component(s) affected

Function affected

Water Pump

Function Group

Function Group

262 coolant pump and thermostat

Customer effect

Main customer effect

fluid

Fluid problem

leak

Fluid implicated

Coolant

Visual appearance

leaking

Administration

Author

A241298

Dealer ID

A241298

Last modified by

A241298

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