



**\*\* SOLUTION \*\***

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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**

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

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**Volvo Models**

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**Volvo Model** VN , VNL , VNR , VNX , VAH , VHD

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**Engine family**

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Engine family 13L Engine , MP8

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**\*\* SOLUTION \*\***

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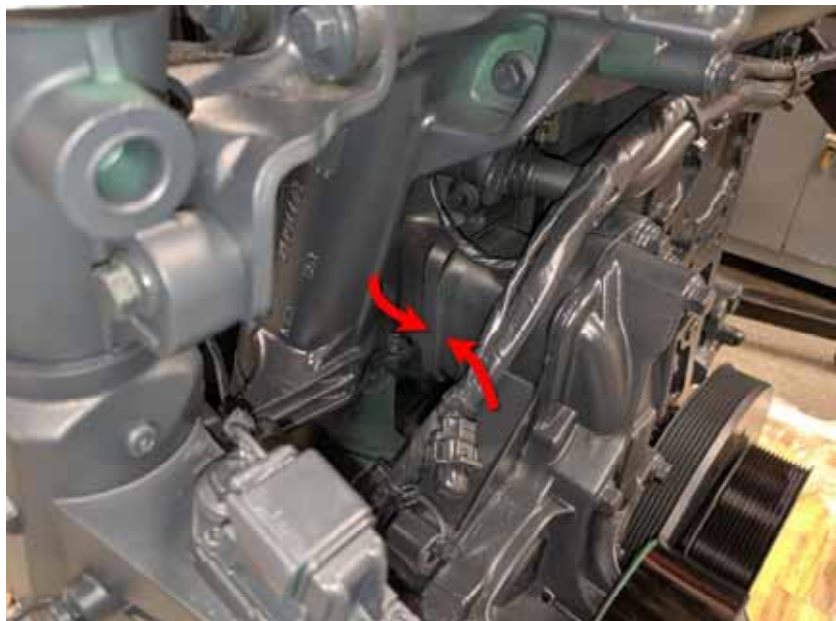
**Cause** Vehicles built between 1 March 2018 and 28 May 2019 and equipped with a 13 liter engine may experience coolant leakage found on the front right side of the engine. It has been found that some coolant pump housings were manufactured out of specification.

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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.

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Solution visibility	Dealer distribution
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### **Function(s)/component(s) affected**

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Function affected	Water Pump
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### **Function Group**

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Function Group	262 coolant pump and thermostat
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### **Customer effect**

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Main customer effect	fluid
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Fluid problem	leak
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Fluid implicated	Coolant
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Visual appearance	leaking
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### **Administration**

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Author	A241298
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Dealer ID	A241298
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Last modified by	A241298
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Date of last update	10-09-2019 21:09
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