

<b>DTC (Code)</b> SPN 100 FMI 1 // P0524 - 00 <b>Codigo:</b>	<b>Bulletin:</b> RD18-002 <b>Date Fecha:</b> June 11, 2018
<b>Description:</b> See below for fault code description(s)	
<b>Application:</b> US10 – US20 Emissions	

**General Information**

These repair instructions are intended to address the following fault(s):

DTC	Description	Possible Cause	Possible (Observable) Symptoms
SPN 100 FMI 1 // P0524 - 00	Engine Oil Pressure Too Low	<ul style="list-style-type: none"> <li>• Low engine oil level (EOL)</li> <li>• Contaminated oil, slow flowing or too thin</li> <li>• Reduction valve</li> <li>• Worn oil pump</li> <li>• Engine oil pressure (EOP) sensor</li> <li>• Oil leakage</li> </ul>	<ul style="list-style-type: none"> <li>• Low Power</li> <li>• Reduced engine output and engine switch-off if the vehicle speed falls below 3 km/h (2 mph) when engine protection is chosen in the data set</li> </ul>

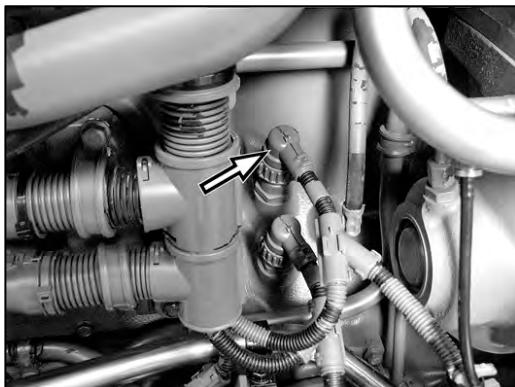
**Required Parts**

Part Number	Description	Quantity
22899626	Oil Pressure Sensor	1
968559	O-Ring	1

**Repair Instructions**

Oil Pressure Sensor, Replacement

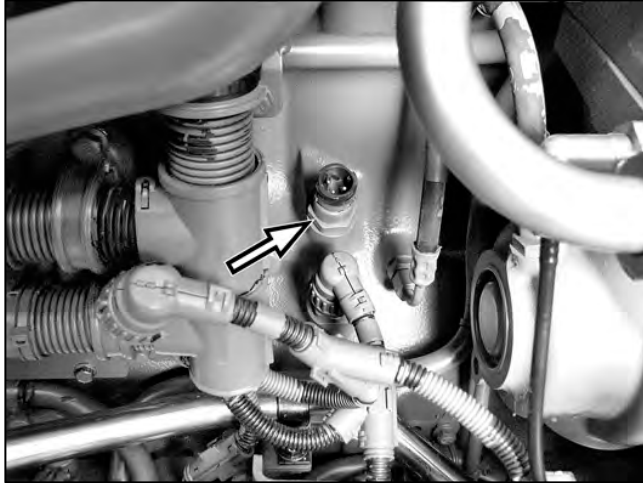
1. Turn the vehicle main electrical switch off.
2. Open the service hatch.
3. Disconnect the electrical connector.



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4. Remove the oil pressure sensor.



5. Install the new oil pressure sensor. Note: Install a new seal with the sensor.
6. Connect the electrical connector.
7. Turn the vehicle main electrical switch on.
8. Perform VCADS-Pro 28407-3 sensor value check.
9. Start the engine and perform leakage and function checks.
10. Close the service hatches.

**Additional Resources**

These repairs are the most likely fix for the identified fault, if this does not fix the issue, Tech Tool will need to be used for more detailed diagnostics. If filing a warranty claim, please include the ASIST case number.

<b>Labor Code</b>	
<b>3864-03-02-02</b>	0.6
<b>Causal Part</b>	22899626