

**Solution K44250068****Monday, March 2, 2020 7:36:51 PM CET****\*\* SOLUTION \*\***

Title	Volvo Chassis - SNV 14-026 P111C Compressor Discharge Temperature Sensor
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**Volvo Models**

Volvo Model	VN , VNL , VNM , VNR , VNX , VAH , VHD
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**Emission Standard**

Emission Standard	US10+OBD13 , US14+OBD13 , US14+OBD15 , US14+OBD16 , US17+OBD16 , US17+OBD18 , US17+OBD19
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**Engine family**

Engine family	11L Engine , 13L Engine , 16L Engine
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**\*\* SOLUTION \*\*****Cause**

Volvo Trucks has received reports of diagnostic trouble code (DTC) P111C Compressor Discharge Temperature Sensor.

**Solution**

In the event that this fault is logged **no action is required**. Refer to [SNV14-026](#) for further information.

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

Function affected	Engine
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**Function Group**

Function Group	284 control system, fuel supply , 286 engine wires and mounting parts
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**Customer effect**

Main customer effect	diagnostics/methodology , efficiency/abnormal behavior
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**Administration**

Author	a175606
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Last modified by	RU4469V
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Status

Published

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**Variantes Kola**

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DPX - ENGINE TYPE

ENG-VE11 - 11 L. VOLVO ENGINE , ENG-VE13 - 13 L. VOLVO ENGINE ,  
ENG-VE16 -16 L. VOLVO ENGINE

KTX - ENGINE

EMMISION CONTROL

EM-USA14

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**To:** U.S. and Canada Volvo Dealer Principals  
U.S. and Canada Volvo General Managers  
U.S. and Canada Volvo Service Managers

**Bulletin:** SNV14-026  
**Date:** August 22, 2014  
**Valid to:** Until Further Notice  
**Replaces:** N/A  
**Action Required?** Yes

**From:** Greg Holderfield – Director, Product Reliability

**Subject:** P111C Compressor Discharge Temperature Sensor

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Volvo Trucks has received reports of diagnostic trouble code (DTC) P111C (Compressor Discharge Temperature Sensor). In the event that this fault is logged **no action is required**. The compressor discharge temperature sensor is used to monitor the temperature of the air coming from the compressor side of the turbocharger. The engine control module (ECM) will set a diagnostic trouble code (DTC) P111C and **could** de-rate the engine to avoid engine or turbocharger damage. This fault will normally be triggered under severe operating conditions, climbing up a large grades or heavy loads, etc. P111C is only viewable through Tech Tool and is not reported to the Instrument Cluster driver display.

Note: Replacement of components for (DTC) P111C may result in claim denial.