



**** SOLUTION ****

Title Volvo Chassis - Discharge Recirculation Valve (DRV) - FSB 258-029 , Engine Turbocharger Compressor Bypass Valve Deletion Kit , Installation

Volvo Models

Volvo Model VN , VNL , VNM , VNX , VAH , VHD

Emission Standard

Emission Standard US10

Engine family

Engine family 11L Engine , 13L Engine , 16L Engine

**** SOLUTION ****

Cause Volvo Vehicles built between May 16, 2011 and November 14, 2011 are equipped with an engine turbocharger bypass valve. On October 17, 2011 a main software update reprograms the engine control module (ECM) and the bypass valve is deactivated.

Solution For more information regarding deletion of the Discharge Recirculation Valve (DRV) refer to FSB 258-029 , Engine Turbocharger Compressor Bypass Valve Deletion Kit, Installation - found in the eMedia Center, located in the Applications section on Trucks Dealer Portal.

Internal comments (BO) 1. " No " US10 Emission Engines can have delete completed.
2. Only engines with US10+6 main software with build dates above clean point break:
11 Liter - after SN# 535298 it is a 10+6
13 Liter - after SN# 961636 it is a 10+6
16 Liter - after SN# 51128 it is a 10+6
3. Premium Tech Tool 2 (PTT2) will not provide diagnostics for the DRV if the engine software is above 21807200 on US10+ engines built between the dates above.

Solution visibility Dealer distribution

Function(s)/component(s) affected

Function affected MID 128 – EMS , FSB , Variable Geometry Turbo

Function Group

Function Group 2551 Turbocharger

Customer effect

Main customer effect calibration/programming/pairing/missing operation

Administration

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