



Solution

Title (customer effect) Volvo Chassis - Equipped With An I-Shift Automated Manual Transmission (AMT) and Secondary Gauge Pack (Cluster) - Transmission Oil Temperature Gauge Not Functioning

Cause On Certain Volvo Trucks with the I-Shift transmission and the secondary gauge pack with engine and transmission temperature gauges, the transmission temperature gauge may not function.

Solution

If the transmission oil temperature gauge included in the secondary gauge pack does not function, it may be due to software settings. Refer to Service Program SP 381 - 048.

Instrument Cluster, Reprogramming (MID 140). The bulletin can be found in [IMPACT](#) and can be searched for by Title or by Function Group.

Note: If searching by title, entering "381-048" will return the correct result.

Internal comments (BO) Accessory Kit 81550457 has been created for this.

Changes the following 2GAUP - ET parameters

TEA2 ED: Transmission Oil Temperature 3
TEA2 GHH: Enable_Broadcast_PID177 1
TEA2 HJQ: Transmission Oil Temperature Display 0

Solution visibility BO only

Function(s)/component(s) affected

Function affected AMT , engine , automatic transmission , CV electronic control unit , MID 140 – IC04 / IC05 , vehicle control unit , Diagnostic tool





Function Group

Function Group 221 oil pump and line , 262 coolant pump and thermostat , 381 combined instrument , 431 gearbox, manual

Customer effect

Main customer effect fluid , temperature , calibration/programming/pairing/missing operation , diagnostics /methodology , efficiency/abnormal behavior , fault code/display

Fluid implicated water , oil , coolant

Lights/Messages on information display  cooling ,  Engine cooling system temperature "Alert" warning pictogram ,  oil ,  Engine oil temperature "Alert" warning pictogram , message on display , --- , -- / --

Conditions

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem always

Administration

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NA_VOLVO_Vehicle_Range

NA_VOLVO_Vehicle_Range Conventional , VNR , VNX , VNL , VNM , VHD , VAH

Engine family

Engine family Volvo , D12 , 11L Engine , 13L Engine , 16L Engine

Emission Standard

Emission Standard OBD2017 , US17 GHG , US14 CNG , US04 , US16 , US15 , US07 , US10 , US13
OBD , US14 GHG
