

**Solution**

Title (customer effect)	Volvo Chassis - Fuel Level Gauge Slow To Respond To Changes In Fuel Level
Cause	The Fuel Level Gauge on Volvo Chassis may take an extended period of time to display the correct fuel level after the fuel level changes significantly in a short period of time (i.e. Filling or Draining the tank).
Solution	The Fuel Level signal from the Fuel Level Sending Unit is monitored by the Instrument Cluster (IC). The cluster receives readings from the sensor in real time. However, to prevent frequent fluctuation in the gauge reading, the cluster buffers (delays) the movement of the level gauge to allow the fuel time to settle. A live reading sent to the gauge would result in bouncing on rough road surfaces or terrain, or incorrect readings when cornering or on an incline. For more information as well as specifications and troubleshooting guidelines for the Fuel Level Sending Unit, refer to the Fuel Level Sending Unit document found here.
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	Documentation , dashboard/information display , 1810 IC , MID 140 – IC04 / IC05
Function Group	
Function Group	234 fuel tank, fuel lines, evaporator system , 2846 Sensor , 381 combined instrument
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , efficiency/abnormal behavior , visual appearance
Fluid problem	level incorrect
Fluid implicated	fuel
Conditions	
Vehicle operating mode	on start-up , when driving , when stationary
Frequency of occurrence of problem	always
Administration	
Author	RU4469V
Dealer ID	RU4469V
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Status

Published

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VNR , VT , VNX , VNL , VNM , VHD , VAH
