

Fuel display implausible when vehicle is parked on an incline with a half-full fuel tank

Topic number	LI47.00-N-069565
Version	2
Function group	47.00 General
Date	03-19-2020
Validity	MODEL 907
Reason for change	New software available
Reason for block	

Complaint:

Fuel display implausible when vehicle is parked on an incline with a half-full fuel tank

Cause:

Software release for fuel system control unit (N118/9 FSCU).

When the vehicle is parked on an incline "refuel" or "tank empty" is reported.

This happens after the vehicle is parked on an incline and while waiting for CAN bus idle (ignition off > 5 minutes)

If the front end of the vehicle is facing upwards with an incline greater than 18%, the fuel display shows a fuel reserve warning.

If the front end of the vehicle is facing downwards with an incline greater than 18%, the fuel display shows an almost full fuel level.

Note:

If the vehicle is parked again on a level position, and after CAN bus idle, the fuel display returns to the actual value.

Remedy:

Do not replace any parts.

Control unit for fuel system control unit (N118/9 FSCU), update software release.

Symptoms
Communication/information / Information display / Displays / Fuel level gauge / Shows too high a value
Communication/information / Information display / Displays / Fuel level gauge / Shows too little
Communication/information / Information display / Displays / Fuel level gauge / Malfunction
Communication/information / Information display / Displays / Fuel level gauge / inexact
Communication/information / Information display / Displays / Fuel level gauge / Shows empty

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-0990	PROGRAM, CODE FUEL SYSTEM CONTROL UNIT (N118/9) (FSCU) (AFTER QUICKTEST)	0.3	47045 90	Fuel system control unit, software release
54-1011	PERFORM QUICKTEST	0.2		
54-0650	ON BOARD POWER SUPPLY VOLTAGE MAINTAIN (WHEN CHECKING/TESTING AND TROUBLESHOOTING)	0.1		

Validity		
Vehicle	Engine	Transmission
Sprinter 907	*	*