

Measure no.

US 53698333-02

Subject

The fuel fill level is displayed incorrectly

Status date (mm/dd/yy)

6/26/13

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

6/26/13

Created by

Bernhard Kistler

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K18 K19

Engine**Body****Production period (from/to)**

(mm/dd/yy)

/

Comment on production period**Feedback (all cases relating to****measure up to) (mm/dd/yy)****Complaint**

The fuel fill level display does not return to empty, the fuel reserve does not light up when the reserve fuel is reached.

Cause

1. The float in the fuel level sensor sticks. This problem may occur occasionally with part number 7724971 with change index 01. The change index is printed on the part sticker below the part number. To see the part sticker, the plug on the fuel level sensor must be disconnected.
2. The fill level is determined incorrectly by the instrument cluster.
3. The fill level is only measured after the ignition is on, until a speed of 2 km/h is exceeded. From this initial fill level, the current fill level is then calculated based on the injection signal. If the vehicle is facing uphill or downhill when determining the output value, this value is accepted. As a result, the displayed fill level differs from the current fill level.

Measure

1. Replace the fuel level sensor. Part number 7724971 with change index 02 must be fitted.
2. Update the instrument cluster software with ISTA/P version 49 or a more recent version.

3. A solution is being worked on. Please inform the customer that the fill level display currently only displays the correct value if the vehicle is standing on level ground after the ignition is on (not facing uphill or downhill).

If this measure does not provide a solution, create a PuMA case to agree how to proceed.

Complaint

	Fault location	Fault type	Fault place
#	Fuel level display	Display incorrect / not plausible	

Cause

#	Fault location	Fault type	Fault place
# 1	16/14 Fuel level sensor	Wrong component	
	Repair Task	Special Clearance	Area
		No	Electrics/Electronics

Fault code

Progman / DIS / ISTA / ISTA/P

System	State	Version
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