

Measure no.

US 12671805-02

Subject

On-board computer's ambient temperature reading too high

Status date (mm/dd/yy)

9/10/14

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

9/10/14

Created by

Martin Bumba

PQM Problem reference**Dealer release**

Allow automatic release

Release date (mm/dd/yy)**Approved by****Vehicles affected****E series**

K43/HV

Engine

4-ZYL

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 ambient temperature reading on the on-board computer indicates a higher temperature

Cause

Incorrect position of the temperature sensor.

Measure

Reposition the temperature sensor.

Procedure:

1. The temperature sensor is located on the inside of the front left-hand trim.

CAUTION:

Do not pull the retaining clip of the temperature sensor with force, otherwise the plastic holder will break away from the left-hand trim. Using a small screwdriver, open out the metal clip in the holder to make it possible to remove the holder.

The left-hand trim is not permitted to be reimbursed under the warranty on the grounds of the plastic holder having broken off.

2. Carefully pull off the old retaining clip.

3. Disconnect connector X9007 from the temperature sensor, see Figure 1.

4. Remove the temperature sensor from the old retaining clip.

5. Secure the temperature sensor to new retaining clip 61 13 6 915 982, see Figure 2

6. Connect connector X9007 to the temperature sensor.

7. Connect the new retaining clip with temperature sensor to the plastic holder of the left-hand trim.

Warranty reimbursement:

Defect code: 65 12 01 12 00 - ambient temperature sensor failure

Labor: 2 FRU

Retaining clip: 61 13 6 915 982

Complaint

Fault location	Fault type	Fault place	Fault conditions
Display, ambient temperature	Display incorrect / not plausible		Permanent

Cause

#	Fault location	Fault type	Fault place
1	65/81 On-board computer temperature sensor	Twisted	
Repair Task	Special Clearance	Area	
Retrofit	No	Electrics/Electronics	

Fault code

Fault

Fault location	Nature of fault	Condition
Component information Main group 65		While driving
Display/Info/Communication, BC Display	Fails to operate	While driving
Display/Info/Communication, BC Display	Operates incorrectly	While driving, Driving straight ahead
Testers/measuring devices	Operates incorrectly	While driving

Defect**Main group**

65 radio and special equipment

Subgroup

12 Radio/loudspeaker/on-board computer

Location

01 Ambient-air temperature sensor

Defect code

6512011800

Module

86

Defect description

Ambient-air temperature sensor reading incorrect

Area

Electrics/Electronics

Fault CodeElectrics/Electronics Fault code

CIP / DIS System	State	Version
Tech. Office report Report no. 13986845	Subject On-board computer's ambient temperature reading too high	Link Condition Approved
Measure AG Measure no. AG 12671805-01	Subject On-board computer's ambient temperature reading too high	
Progman / DIS / ISTA / ISTA/P		
System	State	Version



Figure 1



Figure 2