



## SUBJECT

### Various Check Control Messages Caused by Shorted K-CAN

## MODEL

F22 (2 Series Coupe)

F32 (4 Series Coupe)

F34 (3 Series Gran Turismo)

## SITUATION

The customer states that one or more of the following CC messages are displayed:

- 627 – Steering behavior: Drive moderately
- 070 – Steering: Drive moderately
- 765 – Rear-end collision restricted
- 850 – Pedestrian warning restricted
- 236 – Driving stabilization: Drive moderately
- 299 – SOS call system failure
- 042 – Brake system: Drive moderately

After performing a vehicle test, one or more of the following fault codes are stored:

- ACSM – C9549A Message faulty (seat memory), ACSM receiver, driver's seat module transmitter
- FEM – D91DE0 No message, receiver FEM, transmitter TMSL
- FEM – D91EE5 No message, receiver FEM, passenger seat module transmitter
- ACSM – C9540C Message missing, receiver ACSM, transmitter FEM
- TMSL – D95402 Message missing, receiver TMSL, transmitter FEM
- KOMBI – E11454 No message, receiver KOMBI, transmitter REM
- FEM – D91DE6 No message, receiver FEM, transmitter TMSL
- TMSR – D99401 Message missing, receiver TMSR, transmitter FEM
- TMSR – D99402 Message missing, receiver TMSR, transmitter FEM
- FEM – 8041BA AHL system faulty
- FEM – D916C3 No message, receiver FEM, transmitter TCB
- ZBE – E2D403 No message, receiver CON, transmitter FEM-ZGM
- TRSVC – CA9428 Message incorrect, receiver TRSVC, transmitter PDC-REM
- TMSL– D95401 Message missing, receiver TMSR, transmitter FEM

- HU-H – S0397 MOST configuration was not stored
- TCB – E1445F KCAN2 or KCAN4: Line fault/electrical fault
- FEM – 8041B6 LWR faulty
- REM – E58468 Body CAN2; communication fault
- TRSVC – CA9427 Message incorrect, receiver all around vision camera, transmitter PDC/REM
- FEM – D91CEC Message missing, receiver FEM, transmitter REM

**CAUSE**

Shorted KCAN wiring under driver or passenger seat

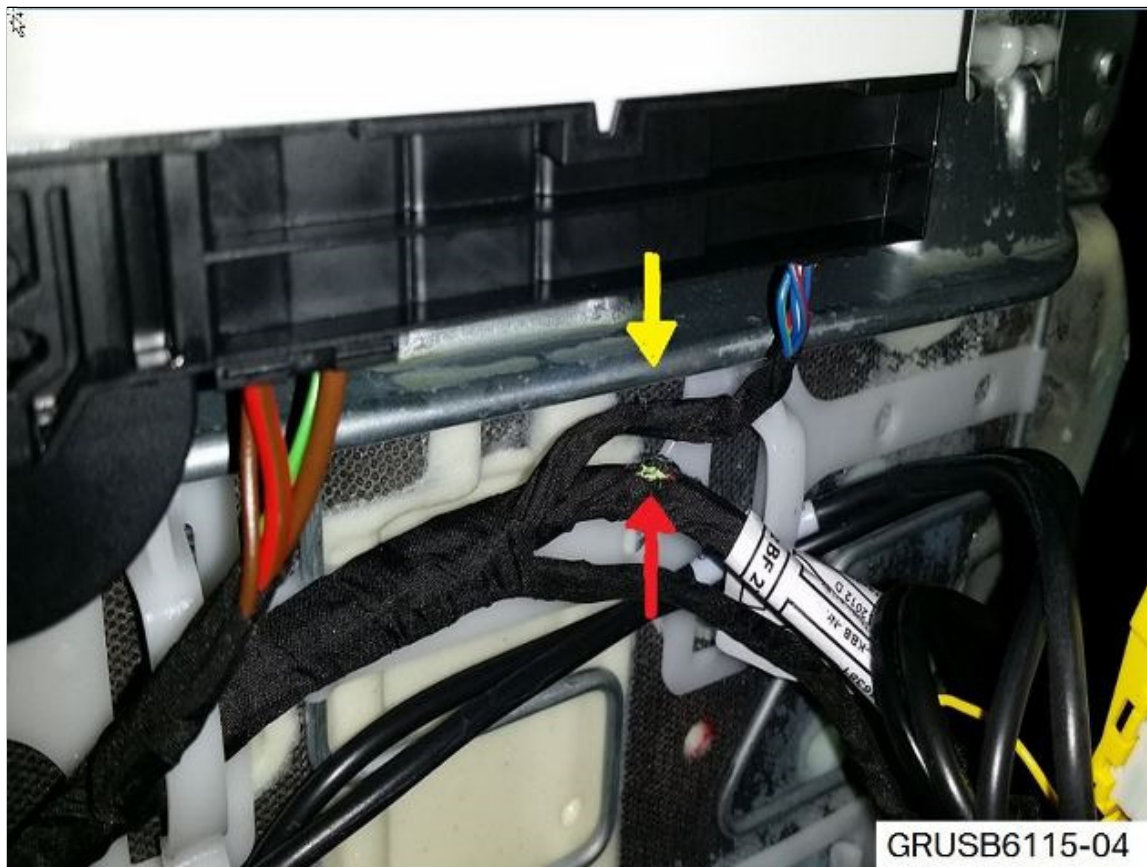
**CORRECTION**

Find the shorted harness. Repair and re-route it to prevent a repeat visit.

**PROCEDURE**

Hint: If the customer situation cannot be verified, sit in the seats and move them to different positions to see if the warnings come on. If they do, this is a clear indication of a shorted wire in the seat.

1. Perform a vehicle test with ISTA. Identify if any CAN-related faults are shown, as listed above.
2. First look at the wiring harness under the seat bottom for areas where it rubs against the seat frame, as seen below.



3. Repair the wiring harness as needed.
4. Secure the harness away from the seat frame.

5. Clear the faults if all diagnosis is finished on the vehicle.
6. Quality check the work by moving the seat to various positions.

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#### **WARRANTY INFORMATION**

This Service Information bulletin is intended to provide technical diagnostic and/or repair information.

Claims that result from the repair of a verified defect are to be processed following established and applicable warranty policies and procedures, together with using the applicable defect code and labor operations in KSD2.

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