



## The Instrument Cluster Displays Various Check Control Messages

This Service Information bulletin supersedes SI B61 21 15 dated August 2016

### MODEL

<b>UPDATE!</b>	F25 (X3)	F26 (X4)
	Produced up to July 31, 2016	

### SITUATION

The instrument cluster displays various check control messages. This includes messages for the PDC (Park Distance Control), DSC (Dynamic Stability Control) and windshield washer system.

There can be many different fault codes stored in the vehicle, including:

Control Module	Fault Code	Fault Description
ICM_25	4827BA	ICM: Procedure error detected
ACSM4	C9542D	Signal (driving speed, 0x19F) invalid, transmitter ICM
DSC_25	480715	Wheel speed sensor: Voltage supply, short circuit, front right
ICM_25	D017C6	Signal (actual wheel speed, 46.0.1) undefined, transmitter DSC
MEVD172Y	1B0A60	Driving speed, plausibility: Minimum speed under load implausible
IHKA25	E71442	Interface instrument panel (distance travelled, kilometer's, 0x330): Signal invalid
DSC_25	480AA3	Wheel speed sensor: Wrong variant, front right
MEVD172Y	1B0A21	Rough road detection: No wheel speed signal received
ICM_25	D017A3	DSC interface (actual number of sensor edges wheel, 64.1.2): Signal

		invalid
DSC_25	48068C	Transfer box: Temporary fault, temperature
MEVD172Y	1B0A67	Vehicle speed, front/right wheel speed sensor, signal change: Not plausible
ICM_25	D017C5	Interface DSC (actual speed, wheel, 46.0.1): Signal invalid
MEVD172Y	1B0A61	Driving speed, plausibility: Minimum speed in coasting/overrun mode implausible
EMF_10	D3AC8D	DSC interface (status, hydraulic function, 25D): Signal invalid
ICM_25	48002C	ICM, ACC: Interface DSC
DSC_25	480AA6	Wheel speed sensor: Plausibility, signal fault, front right
DSC_25	D36D44	Signal (longitudinal torque distribution, front axle/rear axle, 19.3.4) invalid, transmitter VTG
MEVD172Y	1B0A62	Driving speed, plausibility: Road speed signal implausible
HUD_01	D86C07	Interface INSTR. CL. (kilometer reading, 0x330): signal invalid
DSC_25	480AA5	Wheel speed sensor: Plausibility, signal spike, front right
DSC_25	480713	Wheel speed sensor: Plausibility, direction of rotation, front right
PDC_01	E2170C	Interface INSTR. CL. (outside temperature, 0x2CA): signal invalid
ICM_25	D0142C	Instrument panel interface (ambient temperature, 252.1.4): Signal invalid
MEVD172Y	10B101	Outside temperature sensor, electrical: Short circuit to B+
MEVD172Y	10BA41	Outside temperature sensor, plausibility: Ambient temperature less than model temperature
KOMB01	B7F655	Instrument panel: Outside temperature sensor Short circuit to B+

DSC_25	D3542C	KOMBI interface (outside temperature, ID: 0X2CA): Signal invalid
TR SVC01	CAAC0F	Interface INSTR. CL. (outside temperature, 0x2CA): signal invalid
IHKA25	E71417	KOMBI interface (outside temperature, 0x2CA): Signal invalid

## CAUSE

The wiring harness below the micro filter housing (right front area of the bulkhead) is damaged from washer fluid leaking into the harness.

## CORRECTION

Check and replace the right front "repair" wiring harness (improved part) listed below.

## PROCEDURE

1. Perform a vehicle test with ISTA and if the faults listed above are stored, **proceed to the next step.**
2. Inspect the wiring for damage.
3. Remove the right front wheel and wheel arch cover.
4. Remove the micro filter housing.
5. Inspect the harness coming through the bulkhead in the right front engine compartment area for any signs of swollen wires (remove the electrical tape to expose the wires).
6. If the wires are swollen, refer to the attached procedure to install a repair wiring harness and to check and correct the washer fluid line leak.

**Always connect a BMW approved battery charger / power supply**([SI B04 23 10](#)).

Part Number	Description	Quantity
61 11 6 805 056	Repair Harness up to 4/2014 production	1
61 11 6 805 055	Repair Harness from 4/2014 production	1

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>61 11 90 01 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

00 63 789	108 FRU	Check wiring harness for engine compartment on the right and install repair wiring harness section with grommet (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)
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## Other Repairs

If the wiring is found **not** to be the cause and performing the ISTA diagnostics and related test plans results with other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.



### Overlapping Labor – Other Repairs

If invoicing KSD2 flat rate labor operation codes for other repair work results in overlapping labor, invoice work time (WT) labor operation 00 50 000 instead for the additional labor time needed (FRUs minus the overlapping labor).

Work time labor operation code 00 50 000 is not considered a Main labor operation.

Eligible other repair work that will be claimed under a difference defect code using this labor operation requires a separate punch time.

On the repair order and in the claim comment section, please identify the labor operations labor operation code(s) "00 50 000" replaces and itemize the claimed FRU amount.

## ATTACHMENTS

View PDF attachment [B612115 AttachmentV2](#).

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