



SIB 61 21 15

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THE INSTRUMENT CLUSTER DISPLAYS VARIOUS CHECK CONTROL MESSAGES

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This Service Information Bulletin (Revision 7) replaces SI B61 21 15 **dated October 2018**.

What's New (Specific text highlighted):

- Warranty

MODEL

E-Series	Model Description	Production Date
F25	X3 Sports Activity Vehicle	Produced up to July 31, 2016
F26	X4 Sports Activity Coupe	

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
DSC_25	480713	Wheel speed sensor: Plausibility, direction of rotation, front right
DSC_25	480715	Wheel speed sensor: Voltage supply, short circuit, front right
MEVD172Y	10B101	Outside temperature sensor, electrical: Short circuit to B+
MEVD172Y	10BA41	Outside temperature sensor, plausibility: Ambient temperature less than model temperature
MEVD172Y	1B0A21	Rough road detection: No wheel speed signal received
MEVD172Y	1B0A60	Driving speed, plausibility: Minimum speed under load implausible
MEVD172Y	1B0A61	Driving speed, plausibility: Minimum speed in coasting/overrun mode implausible
MEVD172Y	1B0A62	Driving speed, plausibility: Road speed signal implausible
MEVD172Y	1B0A67	Vehicle speed, front/right wheel speed sensor, signal change: Not plausible
ICM_25	48002C	ICM, ACC: Interface DSC
DSC_25	48068C	Transfer box: Temporary fault, temperature
DSC_25	480AA3	Wheel speed sensor: Wrong variant, front right
DSC_25	480AA5	Wheel speed sensor: Plausibility, signal spike, front right
DSC_25	480AA6	Wheel speed sensor: Plausibility, signal fault, front right
ICM_25	4827BA	ICM: Procedure error detected
KOMB01	B7F655	Instrument panel: Outside temperature sensor Short circuit to B+
ACSM4	C9542D	Signal (driving speed, 0x19F) invalid, transmitter ICM
TRSV01	CAAC0F	Interface INSTR. CL. (outside temperature, 0x2CA): signal invalid

ICM_25	D0142C	Instrument panel interface (ambient temperature, 252.1.4): Signal invalid
ICM_25	D017A3	DSC interface (actual number of sensor edges wheel, 64.1.2): Signal invalid
ICM_25	D017C5	Interface DSC (actual speed, wheel, 46.0.1): Signal invalid
ICM_25	D017C6	Signal (actual wheel speed, 46.0.1) undefined, transmitter DSC
DSC_25	D3542C	KOMBI interface (outside temperature, ID: 0X2CA): Signal invalid
DSC_25	D36D44	Signal (longitudinal torque distribution, front axle/rear axle, 19.3.4) invalid, transmitter VTG
EMF_10	D3AC8D	DSC interface (status, hydraulic function, 25D): Signal invalid
HUD_01	D86C07	Interface INSTR. CL. (kilometer reading, 0x330): signal invalid
PDC_01	E2170C	Interface INSTR. CL. (outside temperature, 0x2CA): signal invalid
IHKA25	E71417	KOMBI interface (outside temperature, 0x2CA): Signal invalid
IHKA25	E71442	Interface instrument panel (distance travelled, kilometers, 0x330): 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. 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 microfilter 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.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
Refer to ETK	Repair wiring harness section with foamed grommet for connection in vehicle interior	1
61 12 6 825 706	Cover	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	6111900100	F25 F26 Replace swollen wiring harness	
Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 63 789	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)	Refer to AIR
Or:			
# 2	00 68 923	Check wiring harness for engine compartment on the right, install repair wiring harness section if there is a connector present on both sides. (To be used for a repeat repair and if the repair connector is present) (Plus work)	Refer to AIR

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B61 21 15 WP 1), unless otherwise required by State law.