



SI B36 01 15
Wheel and Tires

October 2015
Technical Service

This Service Information bulletin supersedes SI 36 01 15 **dated August 2015.**

NEW designates changes to this revision

SUBJECT

Check Control Message: Tire Pressure Monitor (RDCi) Failure

MODEL

F15 (X5)

F16 (X6)

F80 (M3 Sedan)

F82 (M4 Coupe)

F83 (M4 Convertible)

F85 (X5 M)

F86 (X6 M)

I01 (i3 and i3 REx)

I12 (i8)

NEW Produced from Start of Production to 10/31/2015

F22 (2 Series Coupe)

F30 (3 Series Sedan)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

F36 (4 Series Gran Coupe)

NEW Produced from 03/2014 to 10/31/2015

SITUATION

A Check Control Message states Tire Pressure Monitor (RDCi) has failed

CAUSE

Hardware in the remote control unit (FBD3 antenna)

PROCEDURE

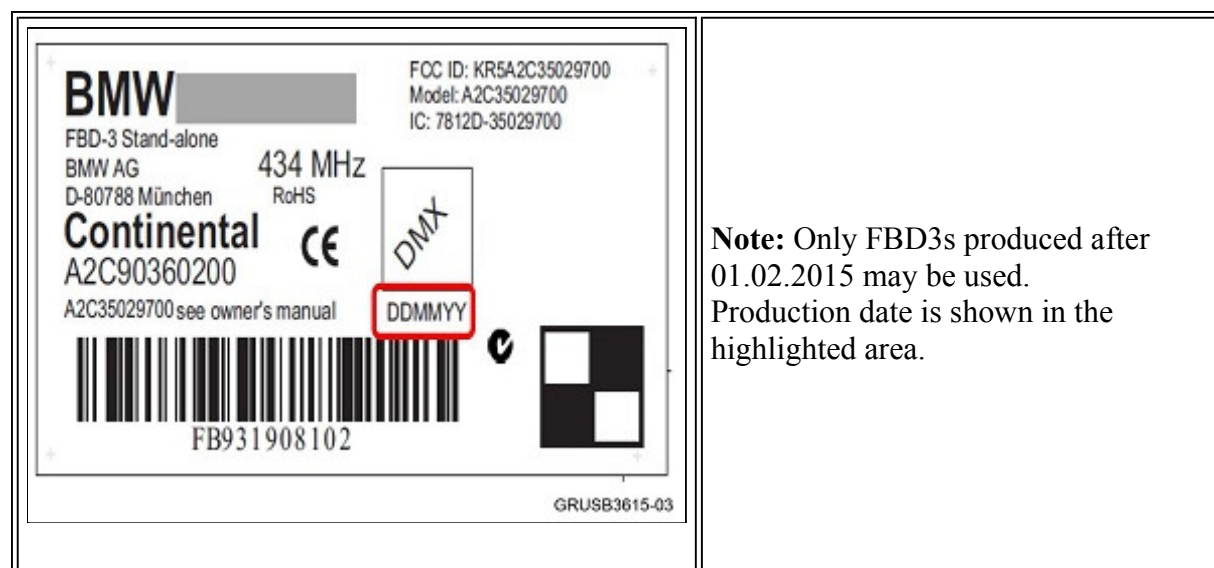
Perform vehicle test and identify fault codes stored in the Dynamic Stability Control (DSC) unit.

0x48069E	RDCi Unable to calibrate wheel detection system
0x4806B8	RDCi No reception, front left wheel electronics
0x4806DA	RDCi No reception, front right wheel electronics
0x4806F0	RDCi No reception, rear left wheel electronics
0x4806F4	RDCi No reception, rear right wheel electronics
0x4809EB	RDCi No reception, wheel electronics (position unknown)

If one or more of the fault codes listed is entered in the DSC unit, proceed as follows:

NEW Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

- Visually inspect the valve stems for damage. Repair as necessary
- If no problem is found during visual inspection, replace the remote control unit (FBD3) in accordance with the model specific repair instructions REP 61 31 362.



- Check the tire pressures and correct if necessary

- Initialize the RDCi system

The initialization is successful once the wheels have turned green in the RDCi menu of the control display.

If the initialization is not successful, run the vehicle test with ISTA/D and work through the corresponding test module.

PARTS INFORMATION

Part Number	Description	Quantity
Refer to ETK/EPC	Remote control unit (FBD3 antenna)	1

WARRANTY INFORMATION

Replacement of the remote control unit is 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:	66 10 03 15 00
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NEW All Models except for the I01 (i3 and i3 REx) and the I12 (i8)

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as “Charging battery”)
And:		
61 31 863	Refer to KSD2	Replacing radio remote control unit (after vehicle diagnosis)
And:		
36 11 100	4 FRU	Work time to check tire pressures, correct if necessary, perform the initialization test drive.

NEW Additionally for the F30 (3 Series Sedan), F32 (4 Series Coupe), F80 (M3 Sedan) and the F82 (M4 Coupe)

Labor Operation:	Labor Allowance:	Description:
See Flat Rates (FR)		Removing and installing trim panel for

Main/Sub Group “51 46 ...”	Refer to KSD2	hatrack (use the one that is applicable to the vehicle’s equipment level) (Plus work only)
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NEW Additionally for the F33 (4 Series Convertible) and the F83 (M4 Convertible)

Labor Operation:	Labor Allowance:	Description:
51 46 526	Refer to KSD2	Removing and installing or replacing trim on front air outlet

NEW I01 (i3 and i3 REx) and I12 (i8) Models

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And:		
61 31 863	Refer to KSD2	Replacing radio remote control unit (after vehicle diagnosis)
And:		
36 11 100	4 FRU	Work time to check tire pressures, correct if necessary, perform the initialization test drive.

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 36 11 100 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

NEW Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans results, claim this work with the applicable defect code and labor operations listed in KSD2.