



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

NEW designates changes to this revision

SUBJECT

Check Control Message: Tire Pressure Monitor (RDCi) Failure

MODEL

F15 (X5)

F16 (X6)

NEW F48 (X1)

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 1/18/2016

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 1/18/2016

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

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

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

NEW 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 |
|---------------------|-----------------------|

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. |

And:

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) Main/Sub Group “51 46 ...” | Refer to KSD2 | Removing and installing trim panel for hatrack (use the one that is applicable to the vehicle’s equipment level) (Plus work only) |

Or:

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 |

For the:

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.

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.

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