



This Service Information bulletin supersedes SI B32 01 09 **dated May 2009**.

NEW designates changes to this revision

SUBJECT

Heated Steering Wheel Malfunction

MODEL

E90, E91, E92, E93 (3 Series) produced from 9/2008 and equipped with the Heated Steering Wheel (SA 248)

E82, E88 (1 Series) produced from 9/2008 and equipped with the Heated Steering Wheel (SA 248)

SITUATION

Immediately following a cold start, if the heated steering wheel is switched on in addition to other electrical consumers (i.e., heated seats, rear defroster, etc.), it may switch off after 5-10 seconds of operation. This is an intermittent situation. Cycling the key will typically restore function.

CAUSE

For the first few seconds after start-up, voltage levels may dip momentarily when electrical consumers are switched on. If the supply voltage dips below the threshold for the heated steering wheel, it will be switched off.

This situation may be present even if the battery is properly charged and no charging system problems are present.

NEW CORRECTION

Replace the steering wheel electronics with an updated part.

NEW PROCEDURE

1. Remove the steering wheel airbag per Repair Instruction REP 32 34 020 (Standard steering wheel) or REP 32 34 030 (Sports steering wheel).
2. Remove the multifunction buttons per Repair Instruction REP 61 31 229.
3. Replace the steering wheel heating module as shown in the attachment **SIB320109 Procedure.pdf**.

NOTE: The routing of the wire harness for the steering wheel heating module varies from model to model. Take note of how the original part was routed, and ensure that the replacement parts are routed the same way.

NEW PARTS INFORMATION

| Part Number | Description | Quantity |
|-----------------|--------------------------------------|-------------------|
| 61 31 9 217 864 | Steering wheel module – Base wheel | 1 – If applicable |
| 61 31 9 217 865 | Steering wheel module – Sports wheel | 1 – If applicable |

NEW WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty.

Defect Code: 32 33 07 14 00

| Labor Operation: | Labor Allowance: | Description: |
|------------------|------------------|--------------|
|------------------|------------------|--------------|

| | | |
|------------|---------------|--|
| 61 31 221* | Refer to KSD2 | R&I both switches for multifunction steering |
|------------|---------------|--|

| | | |
|------------|---------------|---|
| | | wheel |
| 61 31 229* | Refer to KSD2 | R&I both switches for multifunction steering wheel (sport wheel) |
| +32 99 000 | 1 FRU | Replace steering wheel heating module |

*Main Work - use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, refer to KSD for the associated (+) labor operation code.

ATTACHMENTS

view PDF attachment [B320109Procedure](#).

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