



This Service Information bulletin supersedes SI B63 08 14 **dated May 2014.**

**NEW** designates changes to this revision

#### SUBJECT

**Active Headlight Control Malfunction in Both Headlights**

#### MODEL

F30 (3 Series)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F34 (3 Series Gran Turismo)

Produced from June 30, 2011 to February 27, 2014

With option 524 (Adaptive Headlights)

#### SITUATION

AHL (Active Headlight Control) malfunctions on both sides. Both lights aim either up or down while driving.

Fault Code 8041B6 is present.

#### CAUSE

Broken mounting bolt holding on the rear height sensor bracket

#### **NEW** CORRECTION

Secure the loose rear height sensor bracket.

#### PROCEDURE



1. **NEW** Inspect the rear height sensor, located in the left rear of the vehicle as shown. If the sensor bracket is hanging loose, the hex mounting bolt has broken.



2. **NEW** If the hex bolt is broken, remove the broken bolt. (Unscrew the broken bolt out or, if necessary, drill it out.) Replace it with a new bolt and nut.

The tightening torque is 8 Nm.

If the procedure above is not the root cause, diagnose the issue and any stored fault codes with ISTA.

#### PARTS INFORMATION

| Part Number     | Description | Quantity |
|-----------------|-------------|----------|
| 07 11 9 904 371 | Hex bolt    | 1        |
| 07 11 9 904 023 | Hex nut     | 1        |

#### WARRANTY INFORMATION

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

|                         |                         |   |
|-------------------------|-------------------------|---|
| <b>Defect Code:</b>     | <b>37 14 06 37 00</b>   |   |
|                         |                         |   |
| <b>Labor Operation:</b> | <b>Labor Allowance:</b> | <b>Description:</b>   |
| 37 99 000               | 2 FRU                   | Work time to inspect the rear height sensor (Main work)                                   |
| or                      |                         |   |
| 37 99 000               | 1 FRU                   | Work time to inspect the rear height sensor (Plus work – vehicle already in the workshop) |
| and                     |                         |   |
| 37 14 512               | Refer to KSD2           | Replacing rear level sensor (bolt and nut only)   |

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Since the “work time” FRU allowance to be claimed is specified for labor operation 37 99 000, a separate punch time is not required.

#### Other Repairs - Bolt issue is not the root cause

If performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and/or labor operations listed in KSD2.

