



## 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.

## CAUSE

Broken mounting bolt holding on the rear height sensor bracket

## PROCEDURE



- Inspect the rear height sensor, located in the right rear of the vehicle as shown.
- If the hex bolt is broken, remove the broken bolt. (Unscrew the broken bolt out or, if necessary, drill it out.)
- Replace with a new bolt and nut. 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.

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