



Model


G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)
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Situation



- Chassis stabilization warning and CCM Driving comfort restricted
- Vertical Dynamics Platform (VDP) fault code for ride height sensor implausible value.

Any of the following fault codes may be logged, depending on the respective wheel ride height sensor-0x030C5A, 0x030C5B, 0x030C5C, 0x030C5D

Cause

 <p style="text-align: right; font-size: small;">GRUSB3719-01</p>	<p>The ride height sensor linkage became disconnected.</p>
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Correction

 <p style="text-align: right; font-size: small;">GRUSB3719-02</p>	<p>Reconnect the ride height sensor linkage, and secure with a wire tie through the center hole of the sensor arm.</p> <div style="display: flex; align-items: center;">  <p style="font-size: small;">Note: Recommended wire tie size is 105mm x 3mm. Do not use a larger size because it may not stay secured around the linkage end.</p> </div>
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Procedure

Perform vehicle test.

If there is a fault code in the VDP Module for ride height sensor implausible value, inspect the corresponding ride height sensor linkage for proper connection.

Reconnect the sensor linkage and secure it with a wire tie through center hole of sensor arm.

Parts Information

Part Number	Description	Quantity

Warranty Information

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	37 14 07 37 00	Ride height sensor, connecting rod, air suspension (LF)/xenon headlights/LED headlight loose
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And:		
37 99 000	2 FRU	Work time to inspect and reconnect the sensor linkage and secure it with a wire tie through center hole of sensor arm

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

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

Work time labor operation code 37 99 000 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. However, it still requires an explanation on the repair order and in the claim comments section.

Other Repairs

If other eligible and covered work (including diagnosis) was performed to repair a different issue because the sensor linkage was not disconnected, claim this work with the applicable defect code and the labor operations (including diagnosis) that are listed in AIR.

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