



SI B31 05 17
Front Axle

December 2017
Technical Service

UPDATE! SAFETY RECALL 17V-727: VEHICLE SUSPENSION BOLTS

New information provided by this revision is preceded by this symbol **UPDATE!**.

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

This Service Information bulletin replaces SI B31 05 17 **dated November 2017**

What's New:

- Situation: Information added
- Cause: Information added
- Correction: Information added
- Procedure: Information added

UPDATE! MODEL

F15 (X5 SAV incl. Diesel and PHEV)	F16 (X6 SAV)	F85 (X5 M)	
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UPDATE! AFFECTED VEHICLES

This Safety Recall involves F15, F16, F85, F86 Models produced from October 3rd, 2017 to October 16th, 2017.

Vehicles which require this Safety Recall to be completed show as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

Approximately 39 vehicles are affected by this recall. Customers will receive a notification letter asking them to schedule the repair in January 2018.

UPDATE! SITUATION

Vehicles may have been produced with an incorrect tightening torque on the suspension bolts.

UPDATE! CAUSE

Incorrect tightening torques may have been assigned to affected vehicles during production.

UPDATE! CORRECTION

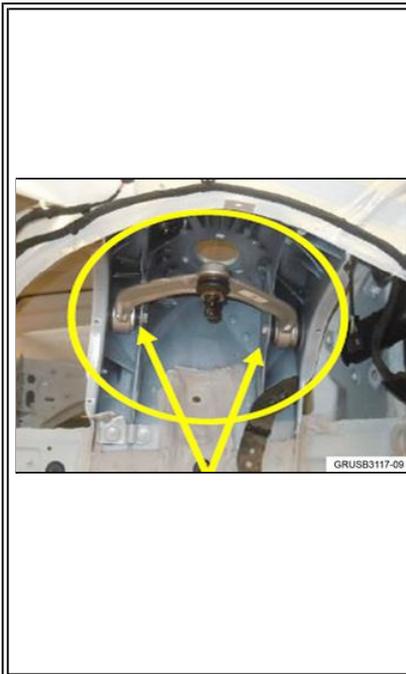
Inspect and, if necessary, retighten bolts to correct torque specifications.

UPDATE! PROCEDURE

1. Wishbones

A. Remove wheel housing cover (front part) left and right as per RA 51 71 038.

B. Remove wheel housing cover (rear part) left and right as per RA 51 71 039.



C. Visually check on both sides that the nuts and bolts are contacting flat to the contact surface.

D. If not, replace nut with new one and torque bolt (not nut) as per RA to 38 Nm + 90° +/- 15°

E. If yes, mark screw head to see if screw head moves when torquing to 38 Nm. When torquing hold nut turn screw.

- if the screw head did not move the connection is OK
- if the screw head moved the nut needs to be replaced with a new one and the connection needs to be torqued as per RA to 38 Nm + 90° +/- 15°



Note: When replacing the nut on the wishbones, the front

left and right ride-height has to be set to normal loaded position before the connection can be tightened/torqued.

2. Linkage for level sensor on control arm and level sensor bracket on chassis (If equipped)



A. Visually check if all components are contacting without space in between.

- If no, replace nut and torque as per RA to 8 Nm.
- If yes, check with 5 Nm. When checking torque hold screw with wrench to prevent turning.

If the nut does not turn the connection is OK

If the nut turns, the nut needs to be replaced with a new one and the connection needs to be torqued via the screw to 8 Nm

3. Ground points in engine compartment



A. Re-torque ground point

- Loosen nut and torque to 8 Nm.

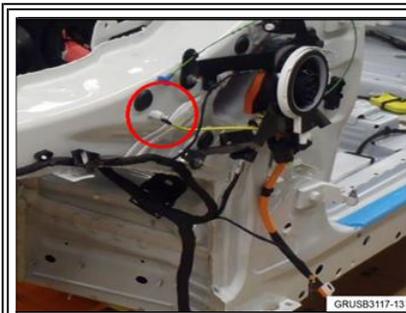


B. Re-torque ground point

- Loosen nut and torque to 8 Nm.

4. Ground point of charging receptacle, Hybrid vehicles.

THIS STEP APPLIES ONLY TO VEHICLE: 0V98880



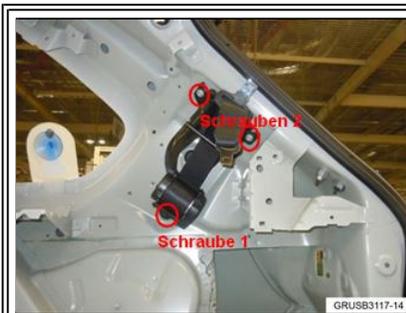
A. Ground point of charging receptacle needs to be torqued to 8 Nm thru wheel housing.

5. Safety belt reels, for vehicles equipped with SA 4UB 3rd row seating

THIS STEP APPLIES ONLY TO VEHICLE: 0X89239

A. Remove access covers in trunk area on left and right side.

B. Remove D-pillar cover on left and right side as per RA 51 43 259.



- Torque bolt 1 for safety belt reel, to 42 Nm.
- Torque bolts 2 for safety belt bracket to 27 Nm.

UPDATE ! PARTS INFORMATION

Part Number	Description	Quantity
33 30 6 760 585	Suspension combination nut M10-10ZNS3	4
07 11 9 904 371	Hex bolt M6x16-8.8 (for high sensor)	2

07 12 9 905 817	Hex nut M6-8 ZNNIV (for high sensor)	2
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UPDATE! **WARRANTY INFORMATION**

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	0031820100	
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Completion “before” vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 65 871	16 FRU	Check screw connection, no repair is necessary (Plus work)
Or:		
00 65 874	18 FRU	Check screw connection and replace hex nuts (Plus work)
And, if applicable:		
00 65 873	6 FRU	Additional check for a vehicle with 3rd row seat (SA 4UB) (X5 only)
And/or, if applicable:		
00 65 872	1 FRU	Additional check for PHEV vehicle (X5 only)

Or:

Completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 65 225	18 FRU	Check screw connection, no repair is necessary (Main work)
Or:		
00 65 228	20 FRU	Check screw connection and replace hex nuts (Main work)
And, if applicable:		
00 65 873	6 FRU	Additional check for a vehicle with 3rd row seat (SA 4UB) (X5 only)
And/or, if applicable:		
00 65 872	1 FRU	Additional check for PHEV vehicle (X5 only)

And, as applicable:

Alternative Mobility Solution (AMS)

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item

under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI [B01 29 16](#) for additional information.

Posted: Thursday, December 7, 2017

ATTACHMENTS

View PDF attachment [B310517 Delivery Stop Legal](#).

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Please be reminded that it is a violation of Federal law for you to sell, lease or deliver any vehicle covered by this notification until the delivery stop repair has been performed. This means that centers may not legally deliver new motor vehicles to a consumer until it is fixed or use/sell replacement equipment/parts subject to a delivery stop. Note also that substantial civil penalties apply to violations of this law.

Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a delivery stop until the repair is completed.