




SI B51 23 17  
Body Equipment

April 2018  
Technical Service

## HUMMING NOISE DURING SMOOTH ACCELERATION

New information provided by this revision is preceded by this symbol .

This Service Information bulletin replaces SI B51 23 17 dated **September 2017**.

### What's New:

- Revised stabilizer link replacement procedure in attachment

### MODEL

F48 (X1)			
----------	--	--	--

### SITUATION

A humming, vibration noise is heard during smooth acceleration to 2000 rpm.

### CAUSE

There are three identified possibilities for the source of this noise:


- Misaligned tailgate (loose bump stops)
- Radiator Interference (improperly mounted)
- Engine stabilizer link (improper position of rubber mount bushing)

### CORRECTION

 X1 Acceleration Hum Elimination procedure.

### PROCEDURE

For conditions that are similar to the situation described:

 Follow steps detailed in attached X1 Acceleration Hum Elimination procedure.

### WARRANTY INFORMATION

This service information bulletin provides technical, diagnostic and/or repair-related information.

#### Eligible and Covered Work/Repairs

Under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, if an eligible claim to repair verified defect in materials or workmanship is performed, claim this work with the applicable defect codes and labor operations, including diagnosis, that are listed in KSD2.

Posted: Tuesday, April 24, 2018

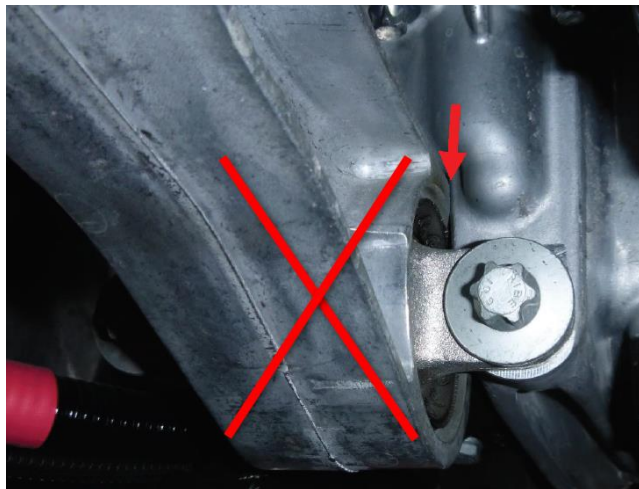
### ATTACHMENTS

View PDF attachment [B512317-Attachment A - X1 Acceleration Hum Elimination](#).

[ Copyright ©2018 BMW of North America, Inc. ]

## ***X1 Acceleration Hum Elimination***

1. Adjust the tailgate bump stops on the rear hatch according to **REP 51 23 "Adjust/replace bump stops"**
2. Test drive the vehicle.  
**Has the noise been eliminated?**  
**YES**– no further repairs are required for this issue.  
**NO** – Go to next step.
3. Replace the top and bottom radiator mounts, being certain to precisely install so they are not subjected to any deforming stresses. Reference REP 17 11... **"Release cooling module"** for installation instructions.




4. Inspect the rubber mount of the engine stabilizer link.  
**Is the rubber mount sliding out from the stabilizer link as seen to the left?**

**NO**- continue diagnosis for other issues.

**Yes** – go to step 5.



Note: In extreme cases engine stabilizer link may contact engine oil sump as shown in lower picture at left.

	<p>5. Replace the engine stabilizer link according to <b>REP 22 11 095</b> “<b>removing and installing/replacing holder with rubber mount</b>”.</p> <p>6. Test drive the vehicle.</p> <p><b>Has the noise been eliminated?</b></p> <p><b>YES</b>– no further repairs are required for this issue.</p> <p><b>NO</b> – continue diagnosis for other issues.</p> <p> Note: In some cases, it is impossible to completely eliminate the noise. This procedure is designed to produce significant improvement from identified causes.</p>