



SI B32 04 18  
Steering and Wheel Alignment

April 2018  
Technical Service

## NOISY OR STIFF MANUAL STEERING COLUMN MOVEMENT

### MODEL

G01 (X3)	G02 (X4)		
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Produced after 7/3/2017

### SITUATION

Movement of the manual adjusting steering column is either noisy or stiff.

### CAUSE

Installation tension of the steering column can be out of tolerance, causing stiff or noisy movement during manual adjustment of the steering column.

### CORRECTION

Adjust steering column tension, or replace if not able to be eliminated.

### PROCEDURE

For conditions that are similar to the situation described:

1. Follow the attached procedure for Steering Column Adjustment Noise Elimination.

#### Has the noise or stiffness been eliminated?

YES- Repair is complete.

NO – Go to next step.

2. Replace the steering column as per the repair instructions.

### PARTS INFORMATION

Refer to ETK by VIN

### WARRANTY INFORMATION

<b>Defect Code:</b>	<b>3231173400</b>	<b>Steering column adjustment, mechanical, stiff to move</b>
	<b>Or:</b>	
	<b>3231173900</b>	<b>Steering column adjustment, mechanical, unpleasant noise</b>

**Performing the column bolt re-torqueing repair procedure**

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

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 45 184	Refer to KSD2	Removing and installing pedal trim (Main work)
Or:		
51 45 684	Refer to KSD2	Removing and installing pedal trim (Plus work)
And:		
32 99 000	2 FRU	Work time to perform the column bolt re-torqueing repair procedure

If you are using a Main labor code for another repair, use the Plus code labor operation 51 45 684 instead of 51 45 184.

Or, after, if the above repair procedure is unsuccessful:

### Replacing the steering column

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And:		
32 99 000	2 FRU	Work time to attempt the column bolt re-torqueing repair procedure
And:		
32 31 591	Refer to KSD2	Replacing steering column
And:		
32 13 905	Refer to KSD2	Start-up, electrical steering gear (EPS) (after vehicle diagnosis)

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 KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 32 99 000 is not considered a Main labor operation. Also, since the "work time"


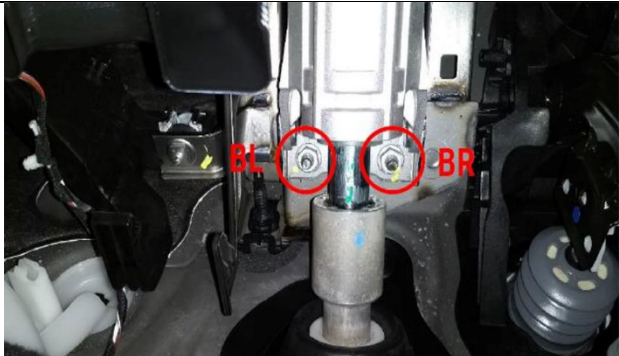

FRU allowance to be claimed is specified, a separate punch time is not required. However, it still requires an explanation on the repair order and in the claim comments section.

## **ATTACHMENTS**

View PDF attachment [B320418 Attachment](#).

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**STEERING COLUMN ADJUSTMENT LEVER NOISE ELIMINATION**

	<ol style="list-style-type: none"> <li>1. Remove left footwell trim.</li> <li>2. Put steering column lock lever in the fully up, locked position (red arrow).</li> </ol>
	<ol style="list-style-type: none"> <li>3. Completely release the 2 lower steering adjustment attachment nuts (marked with BR and BL).</li> </ol>
	<ol style="list-style-type: none"> <li>4. Open (pull down) steering column adjustment lever) (as shown).</li> <li>5. Tighten the nuts again in the following order- BR, then BL (shown above).  Tightening Force: <b>21 Nm.</b></li> <li>6. Move steering column adjustment, fully down/up and fully in/out, approximately 10 times to check for stiff movement or noise re-occurs.</li> <li>7. Reinstall footwell trim</li> </ol>