



## 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

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

Performing the column bolt re-torquing 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-torquing 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-torquing 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

