



Grating or Scraping Noise When Turning Steering Wheel

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

This Service Information bulletin replaces SI B61 19 15 dated **September 2015**

What's New:

- Correction section added
- Parts Information updated with new grease (Lubricating Grease NBU 12K (100g))
- Warranty Information updated with new grease (Lubricating Grease NBU 12K (100g))
- Attachment updated with new grease (Lubricating Grease NBU 12K (100g))
- Warranty Information section content updated

MODEL

F25 (X3)	F15 (X5)	F16 (X6)	I01 (i3)
I12 (i8)	Produced from June 30, 2013		

SITUATION

There is a grating or scraping noise when the steering wheel is turned. The noise comes from the steering column switch cluster (SZL), coil spring or steering wheel.

CAUSE

When the steering wheel is turned, the connection between the steering wheel and the steering column switch cluster causes torsional stress, which creates a noise in the coil spring cassette.

CORRECTION

- F25 (X3), F15 (X5), F16 (X6) and I12 (i8) – Install Teflon tape and grease SZL as needed
- I01 (i3) – Check and replace the SZL as needed

PROCEDURE

Refer to the attached procedure

PARTS INFORMATION

Part Number	Description	Quantity
Refer to ETK	Coil Spring Cartridge	1
07 12 9 908 720	Torx Bolt	4

Bulk Materials

Part Number	Description	Quantity
UPDATE! 83 23 9 407 810	Lubricating Grease NBU 12K (100g)	Sublet
Locally sourced	PTFE or Teflon® tape	Sublet

UPDATE! **WARRANTY INFORMATION**

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

Defect Code:	6112553900
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UPDATE! **F15 (X5), F16 (X6) F25 (X3) and I12 (i8)**

Labor Operation:	Labor Allowance:	Description:
61 31 008	Refer to KSD2	Removing and installing (or replacing without Vehicle Test as outlined in the attachment) the steering column switch cluster (Main work)
Or:		
61 31 508	Refer to KSD2	Removing and installing (or replacing without Vehicle Test as outlined in the attachment) the steering column switch cluster (Plus work)
And:		
61 99 000	2 FRU	Work time to install tape on the steering wheel and, if necessary, lube the SZL

If you are using a Main labor code for another repair, use the Plus code labor operation 61 31 508 instead of 61 31 008.

Work time labor operation code 61 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

And:

Sublet Code 4	\$2.00	UPDATE! Reimbursement for the used quantity of Grease (Lubricating Grease NBU 12K (3.52oz)) and PTFE or Teflon® tape. Please do not use the "grease" part number for claim submission.
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Or, for the:

UPDATE! **I01 (i3)**

Labor Operation:	Labor Allowance:	Description:
61 31 008	Refer to KSD2	Replacing (without Vehicle Test) the steering column switch cluster (Main work)
Or:		

61 31 508

Refer to KSD2

Replacing (without Vehicle Test) the steering column
switch cluster (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 61 31 508 instead of 61 31 008

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

Thursday, September 21, 2017

ATTACHMENTS

View PDF attachment [B611915 Attachment](#).

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PROCEDURE

Repair procedure for I01 only.



If there is a buzzing noise coming from the steering column, proceed as follows.

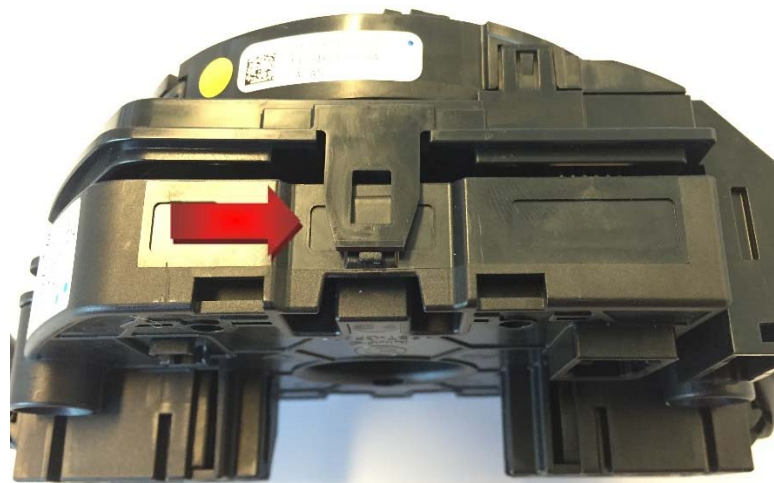
Check the label on the coil spring cassette as shown in the picture.

Refer to ISTA repair instructions "61 31 008 Removing and installing (replacing) steering column switch cluster"

If the revision index is not "AI03" or the production date is earlier than "14May01", replace the coil spring cassette.

In the example in the picture, the label shows a revision index of "AI02" and a production date of "14Mar31" and must be replaced.

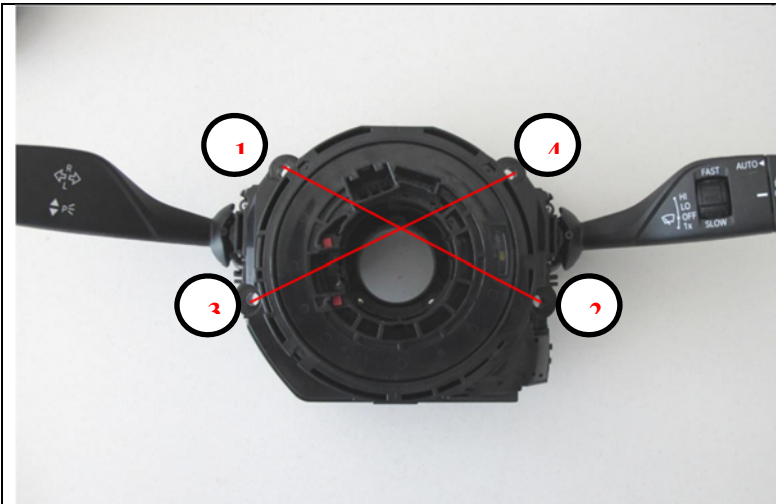
Always inspect the label on the new part to ensure it is the updated part.



Note: replace the 4 mounting bolts that secure the SZL to the steering column. (P/N 61 31 8 380 482)

In order to remove the coil spring cassette from the steering column switch cluster, unclip the 2 retaining tabs to separate the two parts.

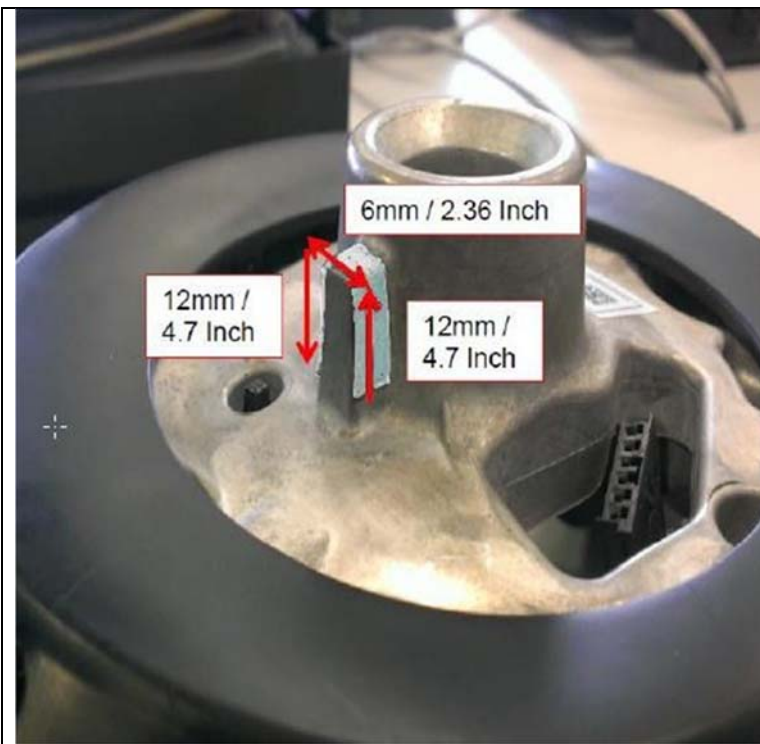
Replace the coil spring cassette and install on to the steering column switch cluster.



Reinstall the steering column switch cluster onto the steering column and tighten the new retaining bolts in the order shown.

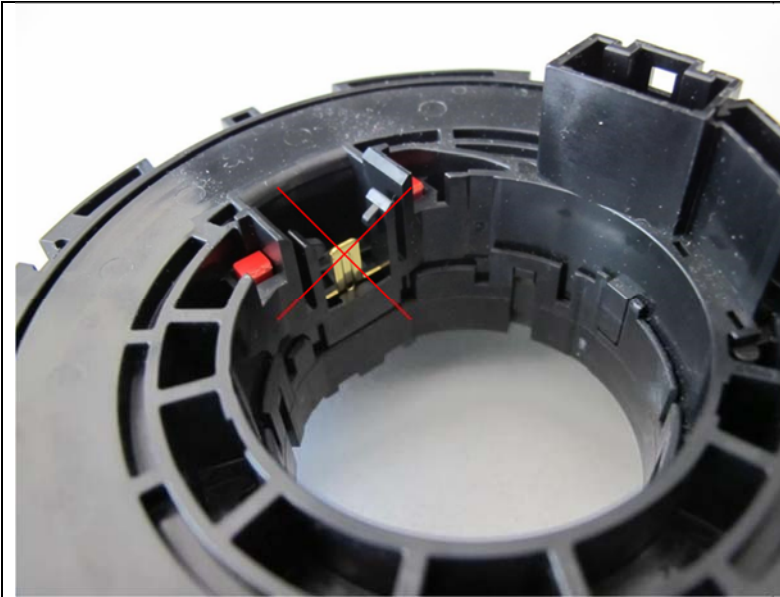
Tightening torque: 6 Nm

Repair procedure for F15, F16, F25 and I12



Refer to ISTA repair instructions "61 31 008 Removing and installing (replacing) steering column switch cluster"

Turn the steering wheel over and clean the flange surface and then install a piece of white Teflon tape (locally sourced) to the drive flange as shown.



Check the coil spring cassette for a metal tab as shown. If the coil spring cassette has a tab, replace it.

If the coil spring cassette does not have a metal tab continue to the next step.

The updated coil spring cassette is identified by inspecting the label on the coil spring cassette. It should indicate a revision index higher than "A102" and a production date after "14Jan20".



Check the highlighted tabs for grease as shown.

UPDATE! If no grease is present, use 83 23 9 407 810 and put a touch of grease on the highlighted spots. Do not use any other grease or the plastic will be damaged.

Reassemble the SZL and steering wheel and retest for noises.