



SUBJECT

Top Rear Side View Camera Control Unit Rattles While Driving

MODEL

F30 (3 Series Sedan)

F33 (4 Series Convertible)

F80 (M4 Coupe)

F83 (M4 Convertible)

Produced to March 31, 2014

With option 3AG – Reversing camera

Or

5DL – Surround View

SITUATION

While driving, a rattling-type noise is heard coming from the lower windshield area up behind the instrument panel (driver's side).

CAUSE

The TRSVC (Top Rear Side View Camera) control module support bracket is loose.

PROCEDURE

1. Duplicate the noise and verify that it is coming from the driver's footwell area.

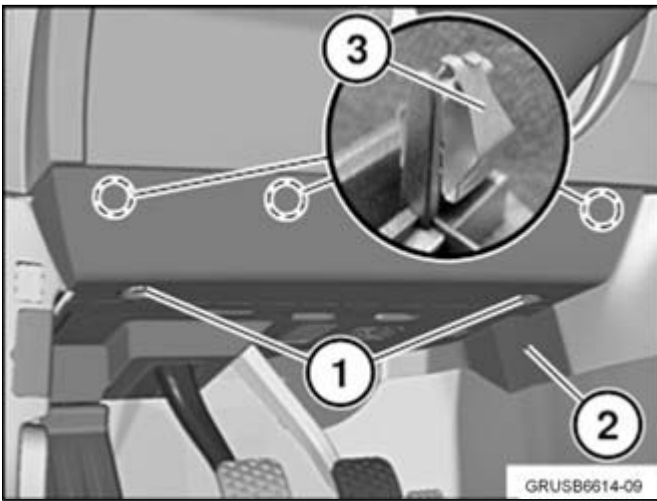
Note: To avoid setting erroneous fault codes, make sure the ignition is off and the vehicle is in sleep mode (Start/Stop button backlight is off).

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| | <ol style="list-style-type: none"> 2. Access the camera control module by removing the "Trim panel for pedal mechanism" per REP 51 45 184. 3. Unscrew the two nuts (1). 4. Release the trim panel (2) at the clamps (3). 5. Slightly lower the trim panel (2) and disconnect the plug connections for the light and the speaker. |
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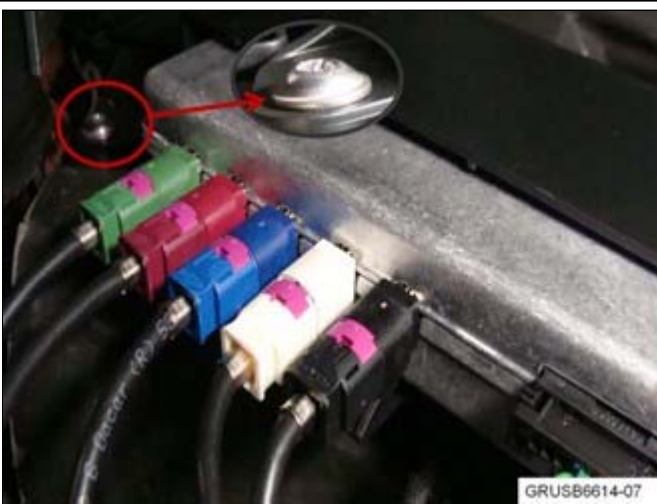
Note: Do not remove the

driver's knee airbag.

Installation Note: The tightening torque for the nuts (1) is 4.6 Nm.



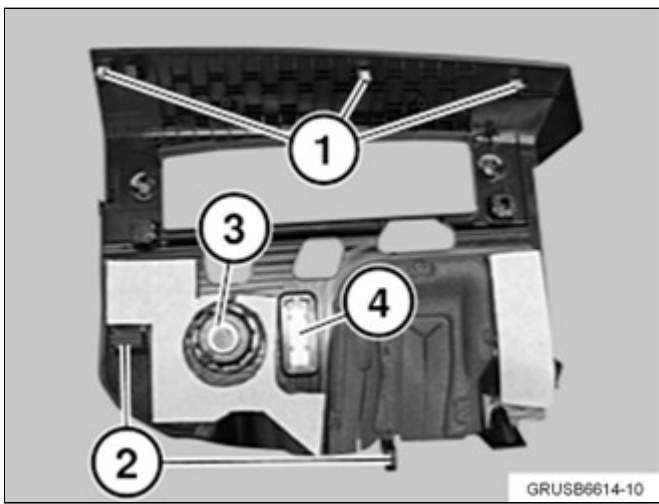
6. Locate the camera module mounted up against the A-pillar, as shown in the picture.
7. Remove the camera control module per Repair Instruction 66 53 170, "Removing and installing control unit for TRSVC," which is also included in this SI.
8. Unlock all plug connections and disconnect.
9. Unlock the latch mechanisms.
10. Remove the control module from the holder.



11. Release the screw highlighted.
12. Remove the camera control module support bracket.



13. Apply felt tape to the locations shown in the picture.
14. Reinstall the camera control module bracket.
15. Reinstall the camera control module and reconnect all plug connections.



Installation note:

16. Clamps (1) and guides (2) in the trim panel must not be damaged.
17. Reconnect the speaker and the light.
18. Carefully feed the guides (2) into the corresponding holder in the vehicle.

19. Since the TRSVC module is not being replaced, do NOT program or code the vehicle.
20. Retest to verify the noise has been eliminated.

PARTS INFORMATION

Part Number	Description	Quantity
52 20 3 421 311	Self-adhesive felt (200 x 70 x 0.8 mm)	As needed

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code:	66 53 04 14 00	
Labor Operation:	Labor Allowance:	Description:
66 53 170	Refer to KSD2	Removing and installing control unit for top rear side view camera
And:		

66 99 000	1 FRU	Work time to install self-adhesive felt tape
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Labor operation code 66 53 170 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 65 53 670 instead.

Even though work time labor operation code 66 99 000 ends in “000,” it 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.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Sublet - Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for used quantity of self-adhesive felt (Bulk P/N 52 20 3 421 311). Please do not use this part number for claim submission.
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Sublet calculation: Reimbursement for used quantity of self-adhesive felt (Bulk P/N 52 20 3 421 311) at dealer net plus handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

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