



SI B51 26 17  
Body Equipment

September 2017  
Technical Service

## CREAKING NOISES WHEN DRIVING ON ROUGH ROAD

### MODEL

F48 (X1)			
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### SITUATION

Creaking (groaning) noises are heard from above the door.

### CAUSE

Excessive friction between door seals and door opening. Situation is worsened by:

- High ambient temperature
- Uneven driving surface

### CORRECTION

If not done previously, replace door seals on affected door.

### PROCEDURE

For conditions that are similar to the situation described:

1. Check vehicle repair history in "Warranty Vehicle Inquiry".

#### Have the door seals been replaced for a similar Situation?

**YES-** Follow attached "Door Seal Teflon Tape Application" procedure.

**NO** – Go to next step.

2. Replace door seal(s) following **REP 51 32 211** "Replace front rubber seal for door window glass, front left or right" and **REP 51 34 211** "Replace rear rubber seal for door window glass, rear left or right".



Note: The success of this repair is dependent upon the use of proper lubricants and cleaners.

Application of wax and/or silicone to the door seals or door openings should be strictly avoided.

3. Clean contact area with silicone remover.





#### Anti-Static Cleaner Application Instructions-

- A. Apply a thin layer of Anti-Static Cleaner onto a lint-free cloth.
  - B. Clean the body-side contact surface of the door seal along its entire length with the doors opened.
  - C. Leave doors open for 10 minutes to allow the Anti-Static Cleaner odor to dissipate.
4. Inform customer that waxes or substances containing silicone should not be applied to door seals or door opening areas. Only products which are formulated to remove wax and silicone should be applied in these areas.



Note: Application of silicone removing products onto the rubber door seal should be strictly avoided to prevent damage to its anti-friction coating. Customer must be clearly advised of this fact.

## PARTS INFORMATION

Part Number	Description	Quantity
51 91 2 347 903	BMW Anti-Static Cleaner .4 Liters	As needed
83 19 9 407 798	Teflon tape, dispenser	As needed

## WARRANTY INFORMATION

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

Only one Main (non-work time) labor operation code can be claimed per repair visit, this also applies when labor operation 51 00 001 includes Main work. Based on this, please select from the following according to the work performed on the vehicle:

<b>Defect Code:</b>	<b>5133093900</b>	<b>Window guide, front</b>
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#### Front Door Seal(s) Teflon Tape Application

51 00 001	Work time	Work time to perform the repair procedure (One or both front doors)
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And/or

#### Replacing One Front Door Seal

Labor Operation:	Labor Allowance:	Description:
51 32 211	19 FRU	Replacing rubber guide for left or right front door (Main work)
Or:		
51 32 711	17 FRU	Replacing rubber guide for left or right front door (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 51 32 711 instead of 51 32 211.

Or:

#### Replacing Both Front Door Seals

51 32 212	36 FRU	Replacing rubber guide on both front doors (Main work)
Or:		
51 32 712	34 FRU	Replacing rubber guide on both front doors (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 51 32 712 instead of 51 32 212.

And/or:

<b>Defect Code:</b>	<b>5134043900</b>	<b>Window guide, rear</b>
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#### Rear Door Seal(s) Teflon Tape Application

51 00 001	Work time	Work time to perform the repair procedure (One or both rear doors)
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And/or

#### Replacing One Rear Door Seal

Labor Operation:	Labor Allowance:	Description:
51 34 211	13 FRU	Replacing rubber guide for left or right rear door (Main work)
Or:		
51 34 711	11 FRU	Replacing rubber guide for left or right rear door (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 51 34 711 instead of 51 34 211.

Or:

**Replacing Both Rear Door Seals**

51 34 212	24 FRU	Replacing rubber guide on both rear doors (Main work)
Or:		
51 34 712	23 FRU	Replacing rubber guide on both rear doors (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 51 34 712 instead of 51 34 212.

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

Work time labor operation code 51 00 001 requires an individual punch time and an itemized explanation (one or both doors repaired) on the repair order and in the claim comments section.

And, as applicable:

**Sublet – Bulk Materials**

<b>Sublet Code 4</b>	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (BMW part number(s), please do not use the part numbers for claim submission)
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part numbers) is at dealer net plus your center’s handling.





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

**ATTACHMENTS**

View PDF attachment [B512617 Attachment A -Teflon Tape Application](#).

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## Door Seal Teflon Tape Application

	<p> Note: The success of this repair is dependent upon the use of proper lubricants and cleaners. Application of wax and/or silicone to the door seals or door openings should be strictly avoided.</p> <p>1. Open the vehicle door and clean the contact surface (on which the door seal rests) on the body of the vehicle with silicone remover (Part number 51 91 9 057 943) where shown.</p> <p> Note: Application of Anti-Static cleaner onto the rubber door seal should be strictly avoided to prevent damage to its anti-friction coating.</p> <p>Anti-Static cleaner application instructions-</p> <ol style="list-style-type: none"> <li>A. Apply a thin layer of anti-static cleaner onto a lint-free cloth.</li> <li>B. Clean the body-side contact surface of the door seal along its entire length with the doors opened.</li> <li>C. Leave doors open for 10 minutes to allow the anti-static cleaner odor to dissipate.</li> </ol>
	<ol style="list-style-type: none"> <li>2. Close vehicle door and apply masking tape abutting the contact point of the side door as shown.</li> <li>3. Open the door and heat the area adjacent to the masking tape (door side) with a heat gun in preparation for application of Teflon tape.</li> </ol>



4. Apply Teflon tape to the preheated area as shown.



Note: Exact length of applied tape is not critical but be certain the bond is bubble-free over the complete length of the contact surface.