



## SUBJECT

**Outside Door Mirror Triangle Seal Protrudes and Creates Wind Noise**

## MODEL

F15

## SITUATION

The customer may complain of wind noise and/or poor fitment of the door mirror seal.

## CAUSE

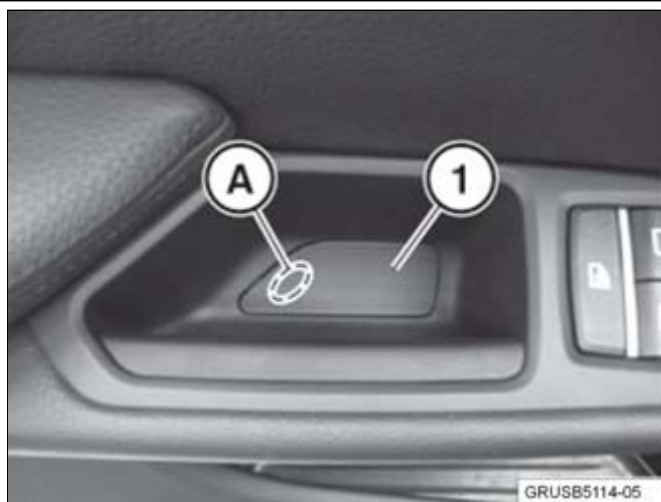
The outside mirror seal locking tab shows poor fitment.

## PROCEDURE

Confirm the customer complaint, and proceed to the next step.

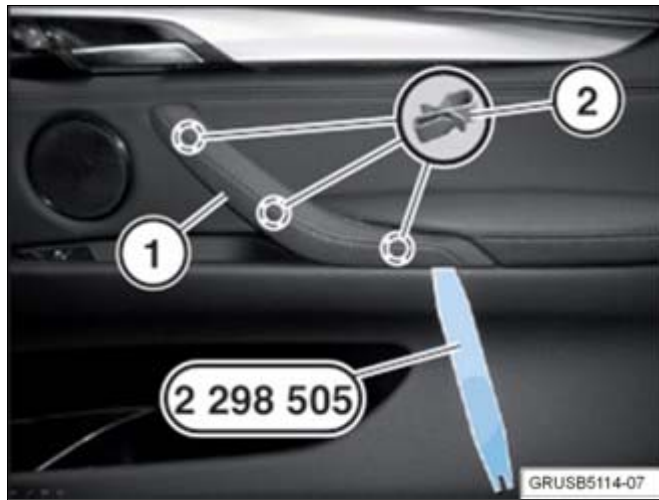


1. Locate the affected mirror or mirrors. Either side mirror or both may be affected. Refer to Repair Instruction 51 16 001, "Removing and installing/replacing mirror on left or right front door" and remove the affected outside door mirror. The ISTA repair instructions are included below.



2. Lift the trim (1) by pressing on area (A) and remove. Release the screw below it.

Tightening torque is 3Nm.



- Unfasten the cover (1) from the clips (2) using special tool 2 298 505 or the nylon pry tool.

Installation note: Replace any broken clips (2).



- Remove the screws (1).

Tightening torque is 3Nm.

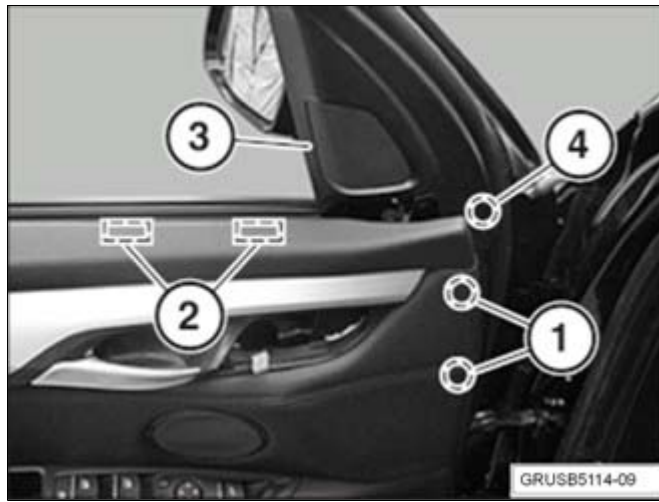


- Detach the trim (1) from the door trim panel (2) using special tool 00 9 327 or the nylon pry tool.

Unlock the associated plug connection and disconnect.

Remove the cover (1) with the switch for the central locking system and remove the screw below it.

Tightening torque is 3Nm.



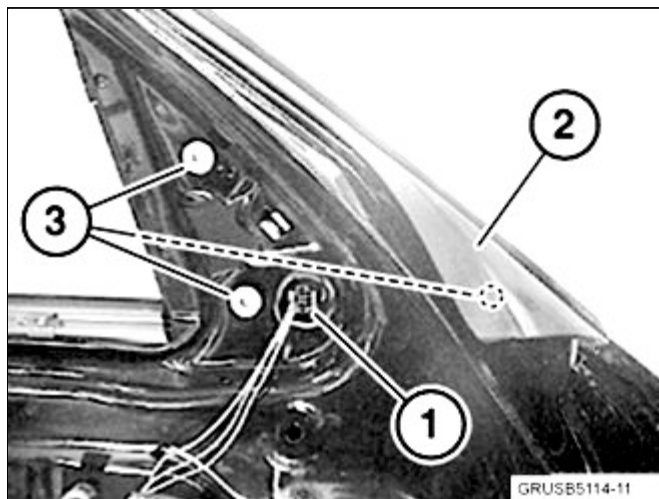
6. Detach the door trim panel at the clips (1) and fasteners (2).

Detach the door window frame cover (3) at the clip (4) and partially maneuver out.

Installation note: Make sure the door window frame (3) is correctly seated.



7. Unfasten the plug connection (1) and disconnect.



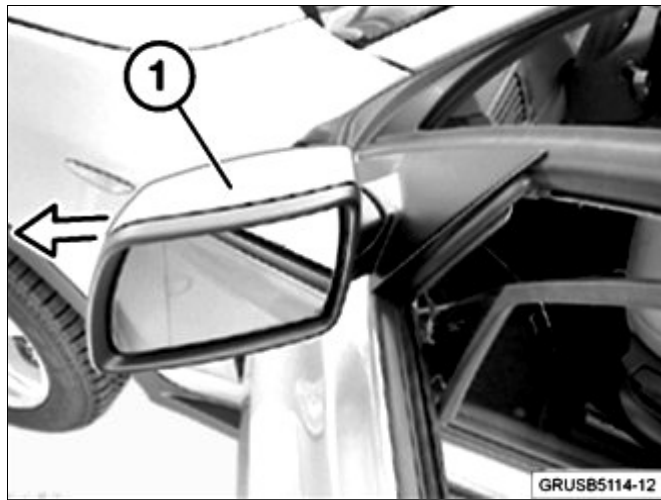
8. Note: Secure the mirror to prevent damage. Move the window guide seal (2) to one side and remove the screws (3).

Tightening torque is 3Nm.

Installation note: Make sure the grommet for the plug connection (1) is correctly seated.

Replacement mirror:

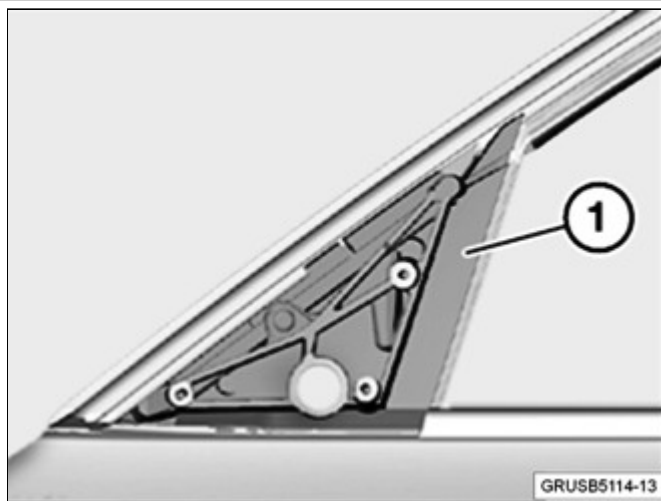
Due to self-tapping screws, the tightening torque of the new rearview door mirror increases by 2 Nm.



9. Remove the mirror (1) outwards.

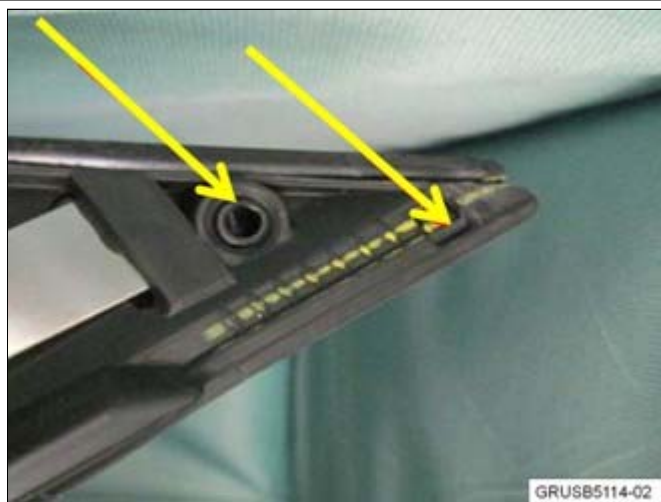
Installation note:

Check the mirror for proper operation.

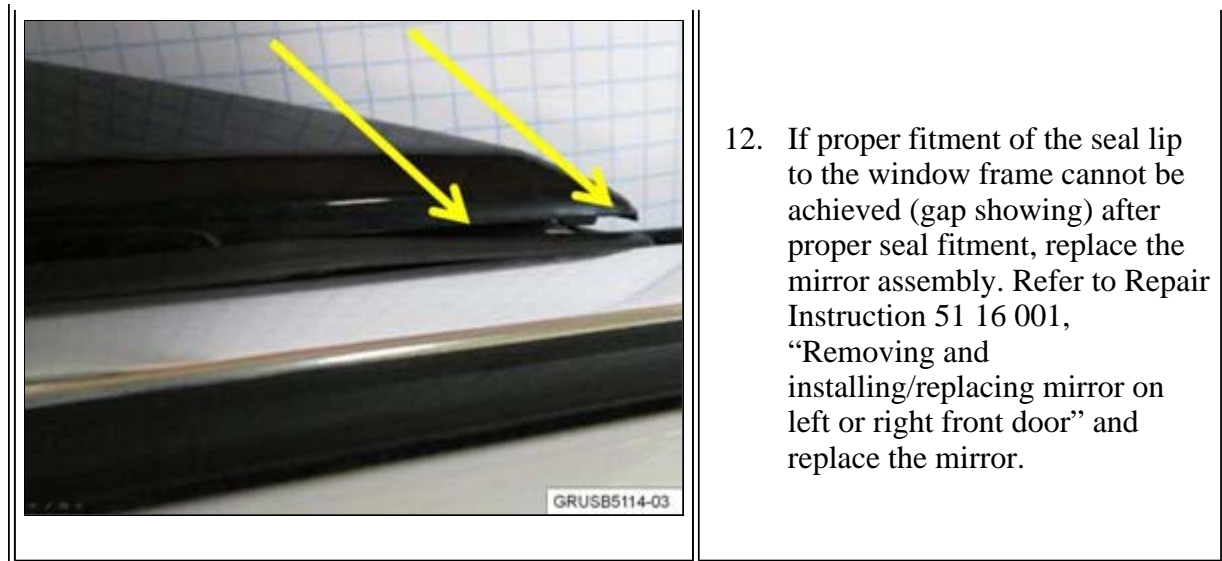


10. Installation note:

The sound insulation (1) must not be damaged.



11. **Note: The driver's side mirror is shown.** Locate the two areas securing the triangle seal to the mirror housing. Pay special attention to the fitment around the circular boss and the locking tab of the seal to the mirror triangle housing. Refit the seal properly, and reinstall the mirror.



12. If proper fitment of the seal lip to the window frame cannot be achieved (gap showing) after proper seal fitment, replace the mirror assembly. Refer to Repair Instruction 51 16 001, “Removing and installing/replacing mirror on left or right front door” and replace the mirror.

#### PARTS INFORMATION

As applicable	Refer to ETK and enter the specific VIN for the correct part number.	
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#### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>51 16 00 41 00</b>
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#### Repairing One Side

Labor Operation:	Labor Allowance:	Description:
51 16 001	Refer to KSD2	Removing and installing/replacing mirror on left or right front door
and		
51 99 000	1 FRU	Work time to refit triangle seal

Labor operation code 51 16 001 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 51 16 501 instead.

#### Repairing Both Sides

Labor Operation:	Labor Allowance:	Description:
51 16 025	Refer to KSD2	Removing and installing/replacing both front door mirrors
and		
51 99 000	2 FRU	Work time to refit triangle seal

Labor operation code 51 16 025 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 51 16 525 instead.

Even though work time labor operation code 51 99 000 ends in “000,” it is not considered a Main labor operation. Also, since the “work time” FRU allowances to be claimed are specified, a separate punch time is not required.

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