



SIB 51 02 21

AIR DUCT COVER LOOSE OR MISSING

MODEL

E-Series	Model Description
F90	M5 Sedan

SITUATION

The air duct cover (fender mounted) may be loose or missing.

CAUSE

Prolonged high-speed driving can cause movements of the fender, causing the air duct to become loose.

CORRECTION

Replace the air duct cover along with air duct. Apply additional adhesive.

PROCEDURE

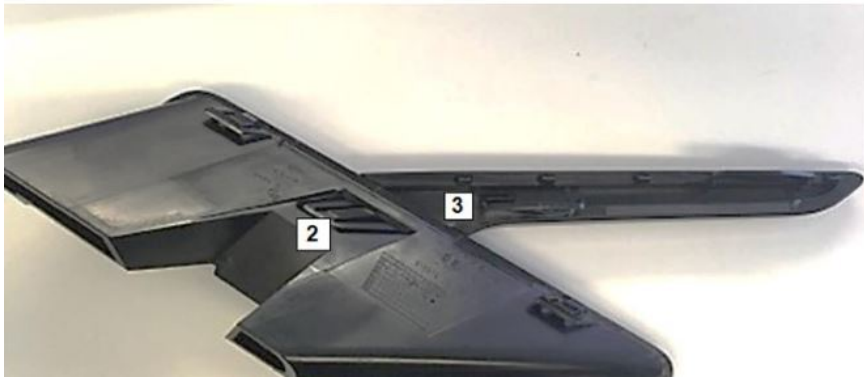
Note: Completely read these instructions before beginning. The adhesive application process must be completed in approximately 7 minutes from start to finish due to its fast curing characteristics. Ensure all materials are available before beginning.

For affected vehicles, this procedure should be followed on both sides.

1. Clean the fender in the area of the air duct mounting using a lint free cloth and cleaner R2 P/N 83 19 0 417 324. Allow at least 2 minutes for the cleaner to dry.
2. Using adhesive tape, secure the new air duct and air duct cover as shown below.

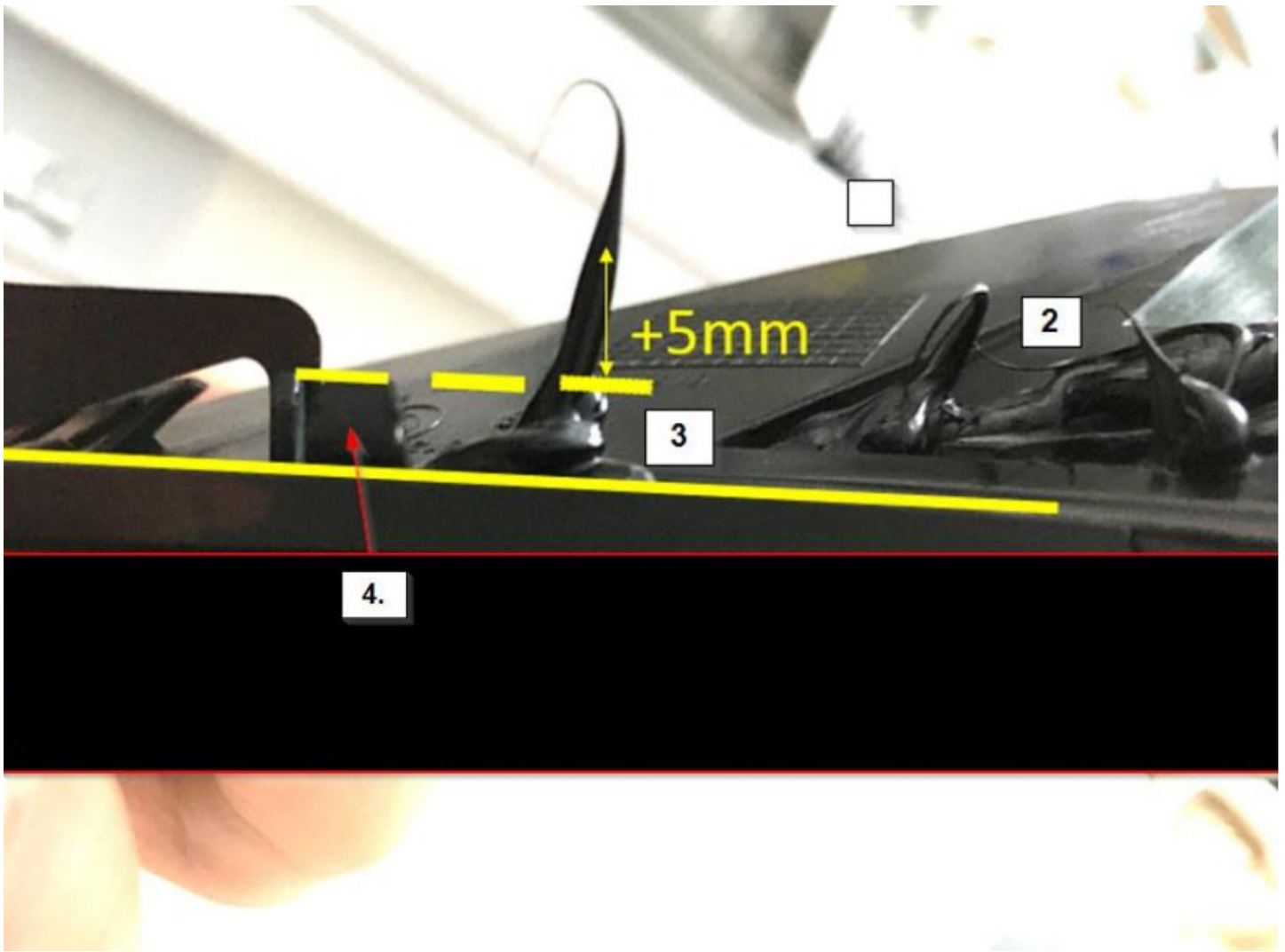


3. Apply window glass adhesive P/N 83 19 2 289 180 to positions 1, 2, and 3 shown below



Note: The adhesive at position 3 will be used to bond the air duct cover to the fender. See step 4 for additional instructions for this position.

4. Ensure the adhesive applied at position 3 is thick enough to extend outwards 5mm beyond the clip(4) shown below. This is to ensure adequate bonding to the fender.



5. Carefully position the air duct and air duct cover onto the fender. Ensure that all 8 clips of the air duct engage the fender for a secure fit.



6. After 3 hours, the adhesive tape can be removed. Allow 24 hours of curing time before washing the vehicle.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
Refer to AIR/ETK	Air Duct	2 (1 Left and 1 right)
Refer to AIR/ETK	Cover, air duct	2 (1 Left and 1 right)
83 19 2 289 180	Windshield adhesive repair kit	See below
83 19 0 417 324	Cleaner R2 (Brake Pedal assembly aid) 500 ml	Sublet as needed

WARRANTY INFORMATION

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

Defect Code:	5113343700	Grille/air inlet, side panel Loose
:		

Labor Operation	Description	Labor Allowance
51 13 046	Removing and installing/replacing trim strips on both front side panels (Main work)	Refer to AIR
Or:		
51 13 946	Removing and installing/replacing trim strips on both front side panels (Plus Work)	Refer to AIR
And:		
51 99 000	Work time to bond the replacement air duct	3 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 51 13 946 instead of 51 13 046.

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

As applicable to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures, unless otherwise required by State law.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price amount for the quantities used plus your center's handling.

Windshield adhesive repair kit (P/N 83 19 2 289 180) has a very limited shelf life after it is opened, if only one (1) vehicle will have this repair performed and no other vehicles currently in the workshop will also require this adhesive to perform a different repair, then claim the windshield adhesive repair kit part number at a quantity of one.

For all multi-vehicle repairs that require this windshield adhesive, claim this material in sublet for the calculated amount for one (1) portion of the kit as determined by the total number of vehicles being repaired.

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

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department