



WINDSHIELD MISTS OVER AFTER DEPARTURE / NOISES IN THE RECIRCULATED AIR FLAP AREA

MODEL

F39 (X2 Sports Activity Coupe)	F44 (2 Series Gran Coupe)	F48 (X1 Sports Activity Vehicle)	F90 (M5 Sedan)
F95 (X5 M Sports Activity Vehicle)	F96 (X6 M Sports Activity Coupe)	F97 (X3 M Sports Activity Vehicle)	F98 (X4 M Sports Activity Coupe)
G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe)	G05 (X5 Sports Activity Vehicle)	G06 (X6 Sports Activity Coupe)
G07 (X7 Sports Activity Vehicle)	G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G16 (8 Series Gran Coupe)	G20 (3 Series Sedan)	G22 (4 Series Coupe)	G23 (4 Series Convertible)
G26 (4 Series Gran Coupe)	G29 (Z4 Roadster)	G32 (640i xDrive Gran Turismo)	G42 (2 Series Coupe)
G80 (M3 Sedan)	G82 (M4 Coupe)	G83 (M4 Convertible)	I20 (iX Sports Activity Vehicle)

SITUATION

1. Mist formation on the windshield inside surface may occur at departure or after MSA (automatic start/stop).
2. Acoustic abnormality in the area of the recirculated air flap (recirculation flap closing and opening several times).

The above may occur individually or in combination.

CAUSE

Implausible measured values of the AUC automatic air recirculation control sensor (recirculated air control).

CORRECTION

Important Warning for Working on the High-Voltage (HV) systems on BMW Group vehicles:

Only properly trained personnel, who passed all applicable HV Technical Training Courses, should perform repairs which require disconnecting, or removal of High Voltage battery components on any Hybrid or Electric Vehicle. Work performed on High Voltage systems by unqualified persons may result in severe injury or damage to the vehicle. Additional safety information is found in Repair Instruction 61 00... "Observe safety instructions when handling electric vehicles".

Additional Information:

Prior to disconnecting, or the removal of any HV component, the HV system needs to be disabled and secured (by means of the HV Disconnect Switch) by a properly trained technician, who has a minimum HV Qualification level after completing the Technical Training Course ST1824 (Alternative Drive Part 1). Once the vehicle's HV system is disabled (the "Blitz" - lightning bolt icon displayed in instrument cluster, see below), a technician without HV Certification may remove a HV component (e.g., EH Heater, EKK Compressor, EME Control Unit, et.), except for the High Voltage Battery.



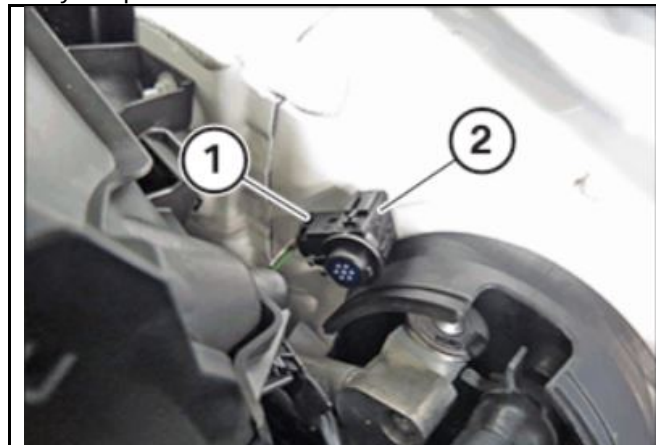
High Voltage Battery removal and rework can be performed ONLY by a HV Specialist Technician (certified by the Technical Training Course ST1825 – Alternative Drive Part 2), AND with a HV Battery Certification level corresponding to a specific Electric or Hybrid vehicle (e.g., to repair GEN4 battery of G05 PHEV, certification from Technical Training Course "ST2006 – SP44 HV Battery" is required).

Check the part number of the installed automatic air recirculation control sensor. If part number **64 11 5 A3F 255** or **64 11 5 A3F 250** is installed, this must be replaced by a new automatic air recirculation control sensor.

PROCEDURE

Proceed as follows:

Verify the part number of the installed automatic air recirculation control sensor.



If part number **64 11 5 A3F 255** or **64 11 5 A3F 250** is installed, this must be replaced by a new automatic air recirculation control sensor. Follow ISTA Repair Instruction **REP 64 11 991** "Removing and installing sensor for automatic recirculation air control"

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 ETK	Sensor AUC	1

CLAIM INFORMATION

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

Defect Code:	6411421500	Sensor for automatic recirculated air control (AUC) Permanent malfunction
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Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And		
64 11 991	Removing and installing sensor for automatic recirculation air control	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topics of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS

