



SIB 51 21 19

ACTIVE AIR FLAP FAULT DIAGNOSIS AND REPAIR

2020-10-30

This Service Information Bulletin (Revision 11) replaces SI B51 21 19 **dated September 2020**.

What's New (Specific text highlighted):

- Procedure
- Parts
- Warranty

MODEL

Engineering Designation	Model Description	Production Date
G01	X3 Sports Activity Vehicle	Up to August, 2019
G02	X4 Sports Activity Coupe	Up to August, 2019
G12	7 Series Sedan (Pre-LCI) (Including ALPINA)	Up to March, 2019
G30	5 Series Sedan	Up to August, 2019
G32	640i xDrive Gran Turismo	Through June, 2019

SITUATION

A check control message or MIL (Malfunction Indicator Lamp) may be illuminated, with faults stored related to the upper and/or lower active air flap(s).

CAUSE

Potential causes include:

- Faulty upper air flap actuator or flap assembly (G01, G02, G12, G30, G32)
- Faulty lower air flap assembly (G01, G02, G12, G30, G32)
- Software error in the DME affecting the upper flap (G01, G02 only)

CORRECTION

Depending on the root cause, vehicle model, and location of flap (upper or lower), the vehicle may require any, or a combination repair of one or more corrections:

- Updated air flap actuator
- Updated air flap assembly
- Software update

PROCEDURE

With the introduction of ISTA 4.25.3 in late September 2020, the functional test plan (ABL-DIT-AT1214_BX8_KJ2) has been improved to include additional fault-finding capability. It also now includes all the diagnostic information which was once included within this bulletin.

Therefore, the information that was once included within this bulletin has been removed, as it is redundant to the information now within the test plan.

For all vehicles listed above, the functional test plan should be performed, and diagnostic suggestions should be followed based on the results of the functional test.

The entire content of this bulletin will be removed on January 1, 2021.

PARTS INFORMATION

The functional test plan results should be used to determine required parts.

WARRANTY INFORMATION

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

Beyond the New Vehicle Limited Warranty, additional extended upper and lower active air flap coverage may also apply, please refer either to SI [B01 01 19](#) (10 years/120,000 miles) or [B01 12 19](#) (15 years/150,000 miles) as applicable.

The defect codes below are suggested for air flap defects.

Labor operations will depend on the results of the functional test plan.

Defect Code:	5174031200	Air flap control active above (actuator) permanently failed (Including combined top and bottom active air flap repairs)
	Or:	
	5171431200	Bottom active air flap control (actuator) permanent failure

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials