



SIB 18 01 18

2019-08-07

DIAGNOSING NOISE FROM THE REAR EXHAUST FLAP (B58)

This Service Information Bulletin (Revision #1) replaces SI B18 01 18 **dated February 2018**.

What's New (Specific text highlighted):

- Warranty Labor Operations changed

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F32 (4 Series Coupe)
F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)	

All with the B58 engine.

SITUATION

There is a rattling noise from the rear exhaust flap during initial start-up. The rattle could last up to sixty seconds.

CAUSE

1. DME software application error (I-level is lower than F020-17-11-540) may cause the flap to stay in an undefined position which will cause it to rattle due to not being supported against a stop.
2. Loose or failed attachment bow (aka "fixing bow"; the clip that connects the exhaust flap actuator to the exhaust flap)
3. Excessive play in the pivot bushing of the exhaust flap.

CORRECTION

Check the exhaust flap on cold start. The exhaust flap will remain closed for 30 – 60 seconds for catalyst warm up.

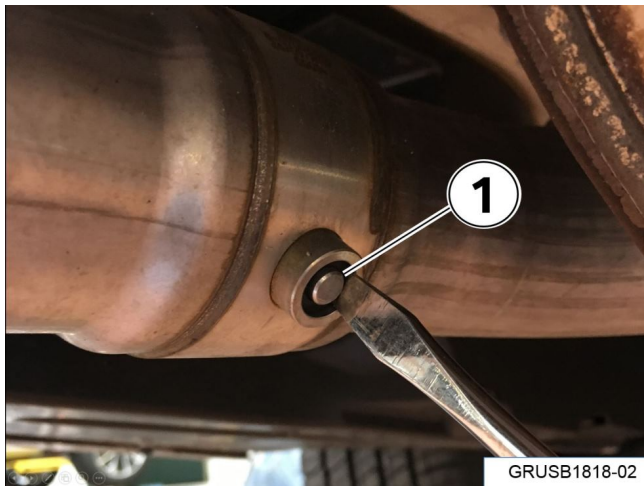
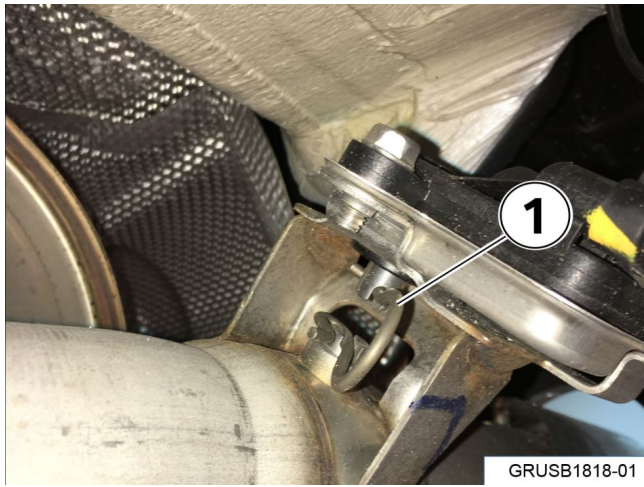
1. If the flap does not fully close during this warm up phase – Reprogram the DME to F020-17-11-540 or higher.

Note that ISTA Next will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a BMW-approved battery charger/power supply (SIB04 23 10).

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

	<ol style="list-style-type: none"> 2. If the attachment bow (1) is loose or damaged or missing – Replace the attachment bow.
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3. If the flap is operating as designed (closes fully with attachment bow installed), apply pressure to the bushing of the flap.

If the rattle goes away, replace the rear muffler with exhaust flap.



NOTE: If the flap is rattling due to the software error, the rattle will also go away when applying pressure to the bushing.

- Check for the software issue first before diagnosing the bushing and replacing the rear muffler.

PARTS INFORMATION

Refer to ETK.

WARRANTY INFORMATION

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

Defect Code:	1812033900	Exhaust flap, rear silencer disruptive noises
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Diagnosis (as needed)

Labor Operation:	Labor Allowance:	Description:
18 99 000	Work time (WT)	Work time to check the exhaust flap as described in this bulletin. Claim in conjunction with one of the applicable repairs performed from the list below (Vehicle is already in the workshop)

Work time labor operation code 18 99 000 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

Note: Only one main labor operation can be claimed per repair visit. All other labor operations on the same line or other lines must be claimed using plus code labor operations.

Vehicle Programming and Encoding (Vehicles below F020-17-11-540)

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to AIR	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to AIR	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)
And:		
61 00 730	Refer to AIR	Programming/encoding control unit(s)

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.

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

During the same workshop visit, **if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.**

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software i-level. If one or more control module failures occur during this programming procedure:

Claim this consequential control module-related repair work under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section.

For control module failures that occurred prior to performing this programming procedure:

When covered under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in AIR.

And/or:

Replacing the attachment bow

Labor Operation:	Labor Allowance:	Description:
18 12 081	Refer to AIR	Replacing exhaust flap actuator drive (Main work)
Or:		
18 12 581	Refer to AIR	Replacing exhaust flap actuator drive (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 18 12 581 instead of 18 12 081.

Or:

Replacing the rear muffler

Labor Operation:	Labor Allowance:	Description:

18 12 031	Refer to AIR	Replacing the rear silencer (Main work)
Or:		
18 12 531	Refer to AIR	Replacing the rear silencer (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 18 12 531 instead of 18 12 031.

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