

BR205 M177: Exhaust gas flap noises

Topic number	LI49.00-P-066561
Version	3
Function group	49.00 General
Date	12-15-2017
Validity	BR205 with M177
Reason for change	Picture 2 changed and text adjusted
Reason for block	

Complaint:

Noise complaints concerning the exhaust system:

- Squeaking noises when the exhaust gas flaps open and close
- Rattling noises while driving
- Rattling noise under vehicles (front exhaust gas flap)
- Noises from actuators when the exhaust gas flaps open and close

Attachments	
File	Description
Benennung Abgasklappe Tips #066179 5.2017.JPG	Designation of exhaust gas flaps
Messpunkt für Soundfile.jpg	Measurement point for sound files

Cause:

Squeaking noises:

Exhaust flap shaft may require lubrication.

Rattling noises:

Flap bearing with higher tolerance in front exhaust system (systems prior to cleanpoint).

Exhaust flap shaft may require lubrication.

Actuator noises:

Interfering frequencies from the actuator electronics unit / operating noise of the actuator (from limit stop to limit stop)

Remedy:

Squeaking noise:

Lubrication of the shaft with heat-resistant lubricating paste A000 989 91 51, see picture 1 and 2

Rattling noise:

Lubrication of the shaft with heat-resistant lubricating paste A000 989 91 51, see picture 1 and 2

On vehicles with rattling noises under the vehicle prior to the cleanpoint (production date in April 2015), replace front exhaust system

Actuator noise:

Normal operating noise from the actuator; cannot be eliminated

Note:

Squeaking noises and actuator noises at start/stop (drive program C) and when the engine is switched off in all drive programs usually originate at the rear exhaust gas flaps.

Rattling noises in overrun mode in drive program S+ usually originate at the front exhaust gas flap.

In unclear cases, create a PTSS case.

XENTRY TIPS

Please attach the following information to the PTSS case:

- Initial quick test log
- Sound file (a video is best)
- Photo of lubricated exhaust gas flap (shaft of flap)

Note: Observe SI00.00-P-0086A:

Creating a sound recording (see attachment "Measuring point")

- X = Measuring point (central relative to vehicle)
- A = Approx. 1m behind the vehicle
- B = At height of approx. 1m behind the vehicle

Attachments	
File	Description
Bild 1.JPG	Picture 1
Bild 2.JPG	Picture 2

Symptoms
Power generation / Exhaust system / Noises / Whirring
Power generation / Exhaust system / Noises / Clanking
Power generation / Exhaust system / Noises / Rattling
Power generation / Exhaust system / Noises / Squeals
Power generation / Exhaust system / Noises / Tweeting

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 989 91 51			Heat-resistant lubricant	1	Container is suitable for several applications	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			14335 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.
			4901X 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.
			14R02 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.
			49N15 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.
			14C02 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.

XENTRY TIPS

			49A15 36	Please describe type of complaint noise in dealer text and conditions under which the noises occur.
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Validity		
Vehicle	Engine	Transmission
C (205) - 205.086	*	*
C (205) - 205.087	*	*
C (205) - 205.286	*	*
C (205) - 205.287	*	*
C (205) - 205.386	*	*
C (205) - 205.387	*	*
C (205) - 205.486	*	*
C (205) - 205.487	*	*

Attachments

Bild 1.JPG:

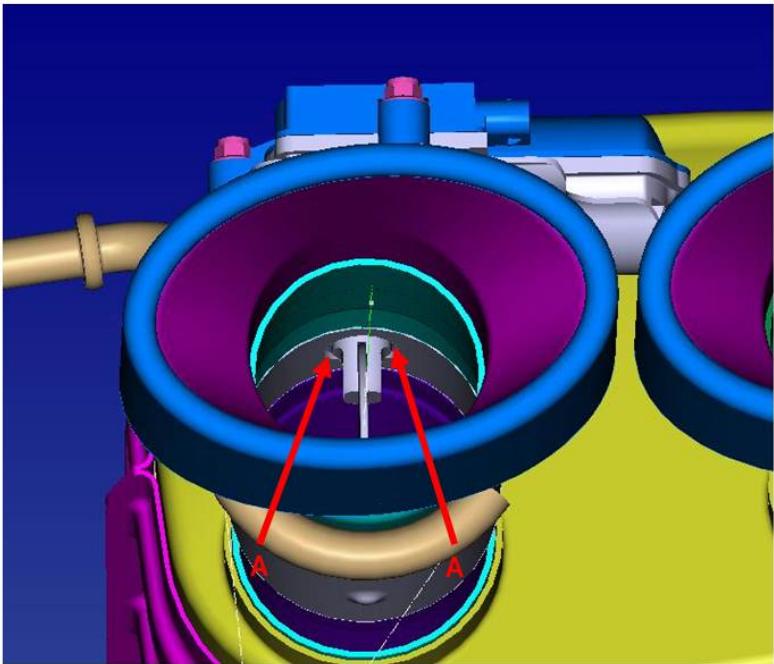
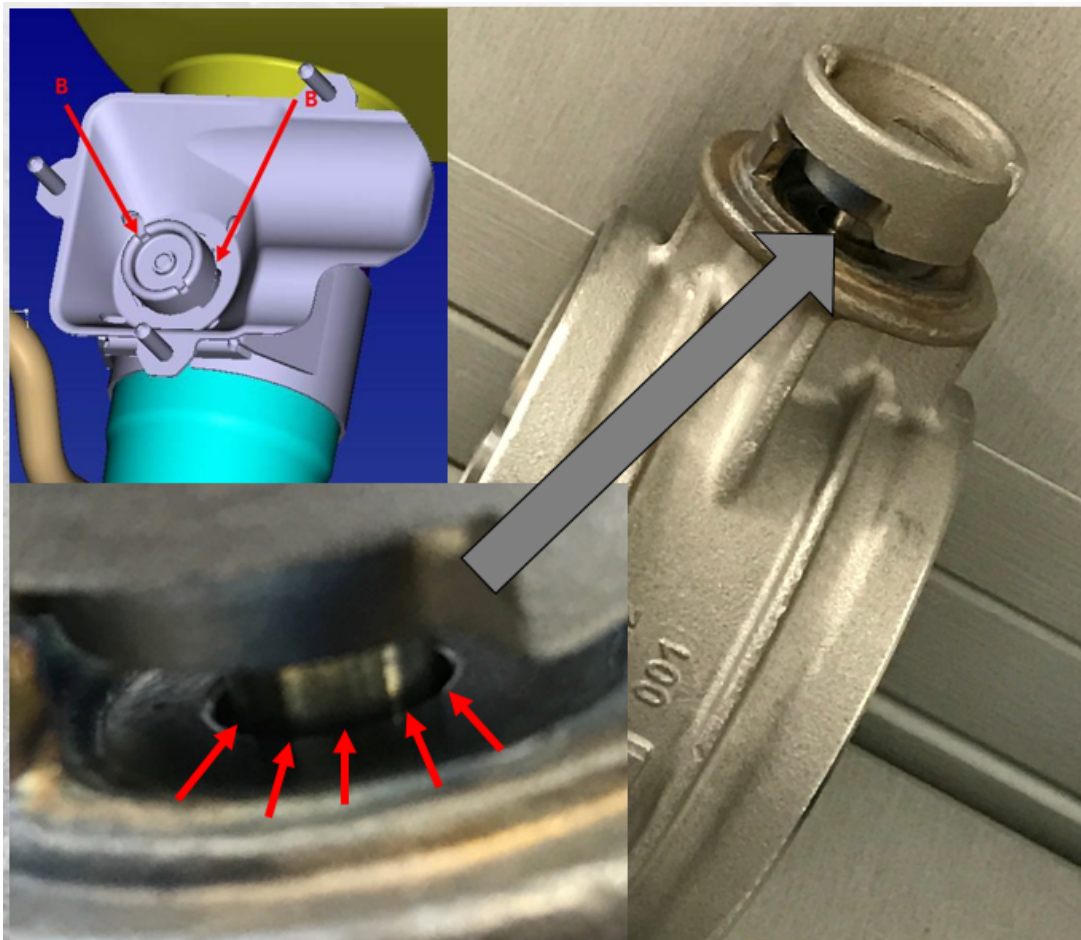
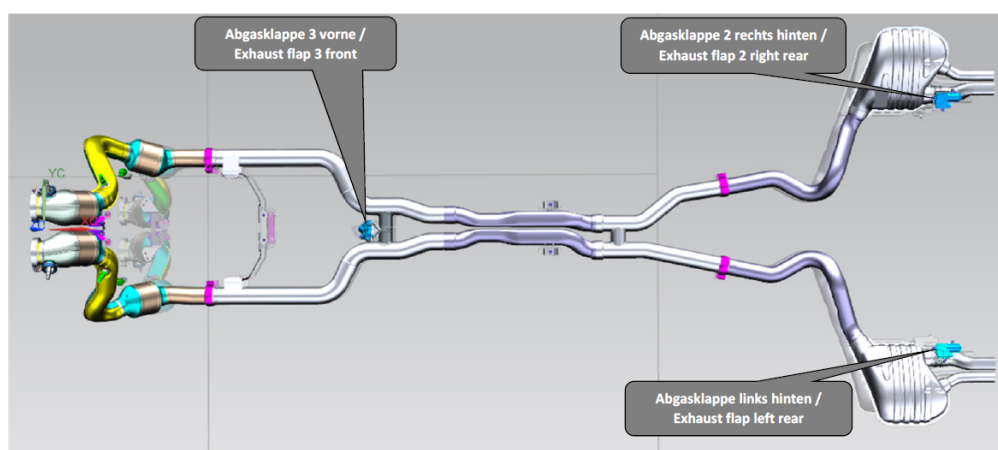


Bild 2.JPG:



Benennung Abgasklappe Tips #066179 5.2017.
JPG:

Benennung der Abgasklappen / Designation of exhaust flaps



XENTRY TIPS

Messpunkt für Soundfile.
jpg:

