BR205 M177: Exhaust system noises

Topic number	LI49.00-P-066561
Version	1
Design group	49.00 General
Date	06-26-2017
Validity	BR205 with M177
Reason for change	
Reason for block	

Complaint:

Noise complaints concerning the exhaust system:

- Squeaking noises when the exhaust gas flaps open and close

- Rattling noises while driving

- Noises from actuators when the exhaust gas flaps open and close

Attachments	
File	Description
Benennung Abgasklappe Tips #066179 5.2017.pdf	Designation of exhaust gas flaps

Cause:

Squeaking noises:

Exhaust flap shaft may require lubrication

Rattling noises:

Exhaust flap shaft bearing may require lubrication.

Flap bearing with higher tolerance (systems prior to cleanpoint)

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

Rattling noise:

Lubrication of the shaft with heat-resistant lubricating paste A000 989 91 51

For vehicles prior to the cleanpoint, also observe the TIPS document GI49.10-P-062872

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.

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

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	*	*