

Power reduction from 4000 rpm

Topic number	LI49.10-P-068745
Version	1
Function group	49.10 Exhaust pipes, catalytic converter, mufflers
Date	09-07-2018
Validity	Model 213.x88/x89 Model 222.187/188 Model 463.276/277 (G63 facelift) Model 463.260/261 (G500 facelift)
Reason for change	
Reason for block	

Complaint:

Power reduction from 4000 rpm in combination with fault codes in PTCU control unit (Powertrain Control Unit)

Possible fault codes in PTCU:

- P13C204 - The exhaust gas flap has a malfunction. There is an internal fault.
- P13C271 - The exhaust gas flap has a malfunction. The actuator is blocked.
- P140404 - Exhaust gas flap 2 has a malfunction. There is an internal fault.
- P140471 - Exhaust gas flap 2 has a malfunction. The actuator is blocked.
- P143604 - Exhaust gas flap 3 has a malfunction. There is an internal fault.
- P143671 - Exhaust gas flap 3 has a malfunction. The actuator is blocked.

Cause:

Exhaust gas flap actuator

Remedy:

Test procedure:

1. Check Q-status of actuators (see attachment)
2. If Q1 status actuators are installed, they must be replaced
3. If Q2 status (or higher) actuators are installed, alert the relevant MBUSA service engineer by opening a PTSS case and having it escalated directly to them

Note:

Tightening torque of actuator mounting nuts is 3 Nm +/-0.3 Nm.

Attachments	
File	Description
Präsentation1.jpg	Q-status OK

Symptoms
Power generation / Engine management / Engine running / RPM sticks
Power generation / Engine management / Engine performance / No/poor output
Power generation / Engine management / Boost effect / Malfunction

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P13C204	The exhaust flap has a malfunction. There is an internal fault.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P140404	Exhaust flap 2 has a malfunction. There is an internal fault.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P143671	Exhaust flap 3 has a malfunction. The actuator is blocked.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P140471	Exhaust flap 2 has a malfunction. The actuator is blocked.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P143604	Exhaust flap 3 has a malfunction. There is an internal fault.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	P13C271	The exhaust flap has a malfunction. The actuator is blocked.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 213 906 46 02			Front actuator	1		X
A 213 906 76 02			Left rear actuator	1		X
A 213 906 81 02			Right rear actuator	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			4901X 73	For front exhaust gas flap; please state the document number on the Note text
			49A15 73	For left rear exhaust gas flap; please state the document number on the Note text
			49N15 73	For right rear exhaust gas flap; please state the document number on the Note text

WIS-References			
Document number	Title	Note	Allocation

XENTRY TIPS

AR49.10-P-7142MNE	Remove/install exhaust system		Remedy
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Attachments

Präsentation1.jpg:

