

MY19+ 463 G63 with M177LS2 - CEL for P13C271 Exhaust Flap

Topic number	LI49.10-P-074356
Version	1
Function group	49.10 - Exhaust pipes, mufflers
Date	2/10/22
Validity	MY19+ 463.277 G63 AMG
Reason for change	

Complaint

Customer states the check engine light is on. May also report rough running and/or lack of power.

Cause

The exact cause is unknown but it is believed to be related to an alternator management issue that results in low battery voltage. This in turn causes the CEL to illuminate at or around vehicle start as the PTCU is checking flap movement.

Remedy

- Check the state of charge on the battery
- If the battery shows that a charge is needed replace it and reassess the vehicle
- If replacement of the battery isn't warranted or doesn't fix the vehicle, check the groundpoints outlined in the attachment
- Update PTCU SW if available, then clear the codes and reevaluate the vehicle
- If the above does not remedy the complaint create a PTSS case and include:
 - The PN/Q-Level of the exhaust flaps
 - The original Quick Test with Fault Freeze
 - The PTCU Control Unit Log
 - The results of the electrical checks
 - The results of the battery (n10/6) test

Attachments	
File	Description
Ground and Zsplice Check.pdf	

Symptoms
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0019828208			Electrical system battery	1		X

XENTRY TIPS

Control unit/fault code	
Control unit	Fault text
N127 - Control unit 'Powertrain' (PTCU)	P13C271 - The exhaust flap has a malfunction. The actuator is blocked.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note