

## 463 G63 with M177LS2 - Vehicle No Start, 12v Battery Warning in Instrument Cluster and/or CEL Related to Exhaust Flap(s)

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Topic number	LI07.61-P-076754
Version	1
Function group	07.61 - ME fuel injection/ ignition system
Date	7/27/23
Validity	MY19+ G63 Vehicles Equipped with the M177LS2
Reason for change	

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### Complaint

The customer may complain of the vehicle not starting after being turned off, a yellow 12v Battery Warning message in the instrument cluster and/or a CEL that upon investigation points towards one or more exhaust flaps not responding.

### Cause

The alternator charging management strategy in the software must be modified.

### Remedy

Update the ME control unit software.

The software should include 177021216.

If the vehicle already has this software, stop and open a TIPS case.

If there is no newer software available, stop and open a TIPS case.

After updating a sensor rotor adaptation MUST be conducted.

Once completed the vehicle can be released to the customer.

If the CEL reappears or the customer complaint is not remedied, open a TIPS case.

Symptoms
Power generation > Engine management > Starter motor > Function > Does not engage
Power generation > Engine management > Engine running > Stalls/goes out
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit
Power generation > Engine management > Engine start/stop > Long starting time
Power generation > Engine management > Engine start/stop > Does not start
Power generation > Engine management > Engine start/stop > No automatic engine start
Power generation > Engine management > Engine performance > No/poor output

# XENTRY TIPS

Power generation > Engine management > Function > Malfunction
Overall vehicle > Power supply > Battery/On-board electrical system > Battery/on-board electrical system display message > Low voltage Charge battery
Communication/information > Information display > Indicator lamp > Malfunction
Communication/information > Information display > Indicator lamp > lit

Control unit/fault code	
Control unit	Fault text
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	<p>P13C297 - The exhaust flap has a malfunction. The system function is restricted.</p> <p>P13C296 - The exhaust flap has a malfunction. There is an internal component fault.</p> <p>P13C287 - The exhaust flap has a malfunction. The message is missing.</p> <p>P13C271 - The exhaust flap has a malfunction. The actuator is blocked.</p> <p>P13C24B - The exhaust flap has a malfunction. There is a fault due to overtemperature.</p> <p>P13C213 - The exhaust flap has a malfunction. There is an open circuit.</p> <p>P13C211 - The exhaust flap has a malfunction. There is a short circuit to ground.</p> <p>P13C208 - The exhaust flap has a malfunction. There is a signal fault or the message is faulty.</p> <p>P13C207 - The exhaust flap has a malfunction. There is a mechanical fault.</p> <p>P13C204 - The exhaust flap has a malfunction. There is an internal fault.</p> <p>P13C201 - The exhaust flap has a malfunction. There is a general electrical fault.</p> <p>P13C29D - The exhaust flap has a malfunction. The component or the system has undertemperature.</p> <p>P13C200 - The exhaust flap has a malfunction. _</p>

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