

118 247 with 48V technology (B01), FC U044287 and U014687

Topic number	LI54.21-P-078926
Version	1
Function group	54.21 - Control units / basic modules
Date	3/25/25
Validity	118 247 with 48V technology (B01)
Reason for change	

Complaint

Check engine light comes on when driving/starting the vehicle. No drivability concerns.

Cause

SW conflict of the 48V battery

Remedy

1.-Check for SW in the 48V battery.

1. If SW is available, update the 48V battery.
2. Clear all faults and perform a few drive cycles.
3. If no faults return, the vehicle can be released.

2.-If no SW available, perform the following:

- Charge the batteries (<5A charging current)
- Erase the fault codes
- Access the 12V battery contacts
- Ignition off and bus sleep for 10 minutes
- Disconnect the 12V battery
- Wait 10 minutes
- Disconnect Connector 3 at the 48V battery
- Disconnect Connector 5 at the DCDC converter
- Disconnect the 48V and 12V contacts (40/41 and 30/31) at the DCDC converter
- Wait for 10 minutes
- Reconnect everything back in opposite order and perform the ISU of the DCDC
- Conduct a test drive and after check for fault codes U014687 and U044287

- If no faults return, release the vehicle
- If any faults return, open a TIPS case to the HV/LV inbox

Disclaimer

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Symptoms				
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit				
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note