
G-FACELIFT 2018: Vehicle in engine limp-home mode / engine indicator lamp active / various fault messages in instrument cluster

Topic number	LI07.61-P-072135
Version	1
Function group	07.61 - ME fuel injection/ ignition system
Date	1/8/21
Validity	Model 463.261 with change year 2019 (code XZ9)
Reason for change	

Complaint

When accelerating at low speeds (slow roll at less than 9 mph, 2nd gear), the engine limp-home mode may be triggered which in turn limits the amount of power available.

When a fault occurs, the fault message ESP off or a fault message from the driver assistance systems is displayed. The quick test shows that fault code P061B62 is stored

Note: It is possible to continue driving slowly. The fault is reset after an ignition cycle and normal driving is possible again.

Cause

Software in the 'Powertrain' control unit N127 (PTCU).

A miscalculation may occur in the monitoring of the speed differential between converter input and engine; this subsequently results in a fault entry in the torque monitoring system.

Remedy

Replacing the hardware or flashing the engine or ESP control unit would not be a productive solution.

A software fix for the 'Powertrain' control unit N127 (PTCU) is currently being developed.

The software is expected to be available late January 2021.

Symptoms	
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit	
Power generation > Engine management > Engine performance > No/poor output	
Chassis/suspension > Brake system > Brakes/traction regulation system > Electronic Stability Program (ESP) > Indicator lamp	
Control unit/fault code	
Control unit	Fault text
N127 - Control unit 'Powertrain' (PTCU)	P061B62 - The torque calculation of the control unit has a malfunction. The signal comparison is faulty.

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