

XENTRY

Under certain conditions the vehicle cannot be shifted out of or into "P", in combination with fault code P085064

Topic number	LI27.60-P-056969
Version	1
Design group	27.60 Gearshift, control
Date	08-09-2013
Validity	Model series 231 with CODE 803 and 804 Model series 463 with CODE XZ2 (Facelift) AMG model series with DSI (model series 176, 218, 212, 463, 231 and 197)
Reason for change	
Reason for block	

Complaint:

Under certain conditions the vehicle cannot be shifted out of or into "P", and fault code P085064 is stored.

Cause:

The P button is fitted with two redundant contacts (microswitch/button and sensor mat). Under certain circumstances - off-center pressing of the P button, for example - contact is made in the sensor mat only. If any single contact is operated for more than four seconds, the fault code P085064 "P button implausible" is logged and the CAN signal may be marked as invalid if certain requirements are met. In such cases, the transmission control unit ignores all the signals of the Direct Select Interface (DSI) control unit. It may therefore be impossible to engage a gear when fault code P085064 is stored.

After an ignition reset the desired gear can be engaged again.

Remedy:

This does not represent a defect in the component, but is a safety function designed to prevent random engagement of "P".

Please do not replace any components.

Advise the customer not to place or rest anything on the P button. If the problem is reproducible with correct operation of the P button, please notify Technical Workshop Support via TIPS.

Symptoms
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / General
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Gear cannot be engaged
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Nonfunctional

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Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Electrical fault/Fault code

Control unit/fault code		
Control unit	Fault code	Fault text
DSI - DIRECT SELECT interface (N150) (SLS (197),A (176),E (212),SL (231),CLS (218))	P085064	null

Validity		
Vehicle	Engine	Transmission
176.052	133.980	724.015
197.377	159	700
197.477	159	700
197.478	159	700
212.074	157	722
212.077	156	722
212.274	157	722
212.277	156	722
218.374	157.981	722.931
218.974	157.981	722.931
231.474	157	722
231.479	279	722
463.272	157	722
463.273	157	722
463.274	279	722
G (463)	642	722
G (463)	273	722
SL (231)	278	722
SL (231)	276	722