

All M177 with DTC's - P213500, P213600, P210185 Current or Stored

Topic number	LI07.10-P-080384
Version	1
Function group	07.10 - Electronic engine control
Date	4/28/26
Validity	All M177 with DTC's - P213500, P213600, P210185
Reason for change	

Complaint

Customer reports Check Engine Light with possible loss of power concern.

The Following DTC's are present

- P210185 - The throttle valve actuator has a malfunction. There is a signal above the permissible limit value.
- P213500 - The values from the position sensors of the throttle valve are implausible relative to each other
- P213600 - The values from position sensors "A/C" of the throttle valve are implausible relative to each other

Cause

Increased electrical resistance in pins for left and right throttle actuators.

(M16/60 and M16/61)

Remedy

Replaced left and right throttle actuator Sockets with updated part.

Silver Coated Pins

8x A 003 982 70 26 (according to wiring diagram 0,5mm)

4x A 003 982 75 26 (according to wiring diagram 0,75mm)

ELA Seals

12x A 001 545 50 80

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and

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Symptoms

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

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0015455080			ELA Weather Seals	12		X
A0039827026			Silver Socket connection (0.5mm)	8		X
A0039827526			Gold Plated Socket Connection (0.75mm)	4		X

Control unit/fault code

Control unit	Fault text
N3/10 - Motor electronics 'MRG1AMGV8' for combustion engine 'M177' (ME) (MRG1AMGV8)	P210185 - The throttle valve actuator has a malfunction. There is a signal above the permissible limit value. P213600 - The values from position sensors "A/C" of the throttle valve are implausible relative to each other. _ P213500 - The values from the position sensors of the throttle valve are implausible relative to each other. _

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
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