

Check Engine Light is on with DTC P030185/ P030685 for misfire cylinder 1 and 6.

Topic number	LI07.70-P-066276
Version	1
Design group	07.70 Gasoline injection and ignition system direct injection
Date	05-30-2017
Validity	All with M178 engines.
Reason for change	
Reason for block	

Complaint:

Check engine light is on.

Cause:

Under investigation

Remedy:

1. Process fault codes and perform guided tests.

Open a PTSS case containing the following attachments:

- 1) Quick test with freeze Frame data
- 2) MED177 Control Unit log
- 3) Injector performance data
- 4) Engine Performance data
- 5) Results from mechanical compression and leakage test

Note: Once DTS Frontline Support has reviewed the PTSS case, it will be escalated to the PTS Service Engineer for analysis.

Symptoms
Power generation / Engine management / Engine running / Runs rough/shakes
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit

Control unit/fault code		
Control unit	Fault code	Fault text

XENTRY TIPS

N3/10 - Motor electronics 'MED1775' for combustion engine 'M178' (ME)	P030685	Combustion misfiring of cylinder 6 has been detected. There is a signal above the permissible limit value.
N3/10 - Motor electronics 'MED1775' for combustion engine 'M178' (ME)	P030185	Combustion misfiring of cylinder 1 has been detected. There is a signal above the permissible limit value.

Validity		
Vehicle	Engine	Transmission
AMG GT (190) - 190.377	*	*
AMG GT (190) - 190.378	*	*
AMG GT (190) - 190.379	*	*
AMG GT (190) - 190.380	*	*
AMG GT (190) - 190.477	*	*
AMG GT (190) - 190.480	*	*