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

Topic number	LI07.70-P-066276
Version	5
Function group	07.70 Gasoline injection and ignition system direct injection
Date	02-15-2018
Validity	All with M177LS1 and M178 engines.
Reason for change	Xentry guided compression test no longer available.
Reason for block	

Complaint:
Check engine light is on.

Cause:
Under investigation

Remedy:
1. Process fault codes and perform guided tests.

2. Ensure that all ignition coils are part number A 177 906 95 00

Open a PTSS case.

Upload the following to the case:

1) MED1775 ECU Log

2) Quick Test with Freeze Frame Data

3) Injector Performance Data

4) Engine Performance Data

5) Guided Test Results

6) Inspection of Coils for Improved Version. PN: A 177 906 95 00

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

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

Control unit/fault code		
Control unit	Fault code	Fault text
N3/10 - Motor electronics 'MED1775' for combustion engine 'M177' (ME), 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 'M177' (ME), 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	*	*
C (205) - 205.286	*	*
C (205) - 205.287	*	*
C (205) - 205.386	*	*
C (205) - 205.387	*	*
C (205) - 205.486	*	*
C (205) - 205.487	*	*

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