

Engine diagnosis indicator lamp lights up in instrument cluster with transmission code 053816 and/or 060A04

Topic number	LI27.00-P-060915
Version	2
Design group	27.00 General
Date	03-23-2015
Validity	MODEL 197.###
Reason for change	Clarified Title
Reason for block	

Complaint:

"Engine diagnosis" indicator lamp lights up in instrument cluster.

Fault code "053816" and/or "060A04" is stored in the transmission control unit.

Fault code "0688" is also stored in the engine control unit.

Cause:

A lengthy parked period and battery discharge have switched the transmission control unit to an undefined operating state.

Remedy:

1. Check battery and charge if necessary.
2. Perform software update of engine control unit (N3/10) and transmission control unit (N15/13).
3. Perform SCN coding of both control units.
4. Readapt and renormalize the transmission.
5. Erase fault memory.
6. Re-evaluate the vehicle for the complaint with a road test.

Note for the customer: If left idle for long periods (>10 days), always connect a trickle charger.

Symptoms
Power transmission / Automatic transmission / Automatic transmission - function / Poor start-off performance
Power generation / Engine management / Engine management indicator lamp / Engine diagnosis / lit
Power transmission / Automatic transmission / Automatic transmission - function / Shifting is not performed or is delayed

Control unit/fault code

Control unit	Fault code	Fault text
ME - Motor electronics 'ME97 AMG' for combustion engine 'M156' (N3/10) (ME97AMG)	0688	Control unit 'Transmission' has transmitted the request for actuation of the engine diagnosis indicator lamp. This fault code in control unit 'Motor electronics' can be ignored and erased.
DKG - Electronic transmission control for double-plate clutch transmission (N15/13) (DCT)	051386	The start enable was not issued. There is an incorrect signal.
DKG - Electronic transmission control for double-plate clutch transmission (N15/13) (DCT)	060A04	The monitoring function in the control unit has a malfunction. There is an internal fault.

Work units				
Op. no.	Operation text	Time	Damage code	Note
			54553 90	
54-0650	CONNECT BATTERY CHARGER			
54-1011	QUICK TEST			
54-0991	SOFTWARE			
54-0992	CODE			
27-1047	ADAPTATION SEPARATE TIME PUNCH, IN/OUT MILEAGE			

Validity		
Vehicle	Engine	Transmission
197.377	*	*
197.378	*	*
197.477	*	*
197.478	*	*