

Engine diagnosis warning lamp is active or message "Starts remaining xxx" in instrument cluster

Topic number	LI49.10-P-058243
Version	1
Design group	49.10 Exhaust pipes, catalytic converter, mufflers
Date	01-13-2014
Validity	Model 204.9 with engine 651 and model year 804 up to chassis number 2049041G270519 (only USA/Canada version, code 494/460)
Reason for change	
Reason for block	

Complaint:

Engine diagnosis warning lamp is active or message "Starts remaining xxx" in instrument cluster.

Cause:

The following fault codes are stored:

P2BAAFA The emission limit for the NOx concentration has been exceeded (AdBlue® consumption is too low).

P13DF00 The AdBlue® system has a malfunction.

Other possible fault codes are:

P13E300 The number of possible engine starts is limited due to a malfunction in the AdBlue® system.

Remedy:

1. If other fault codes referring to the BlueTec system are stored, these are to be processed first via the guided Xentry test.
2. Install add-on 3254 for DVD 09/2013 or add-on 3255 for DVD 11/2013.
3. Program CDI control unit (N3/9) with new software.
4. Reset the warning message via the guided test for the above fault code or via the "Special processes" tab.

Symptoms
Power generation / Engine management / Engine management indicator lamp / Engine diagnosis / lit

Control unit/fault code		
Control unit	Fault code	Fault text
CDI - Motor electronics 'CR42' for combustion engine 'OM651' (N3/9)	P2BAAFA	The emission limit for the NOx concentration has been exceeded (AdBlue® consumption is too low). _

CDI - Motor electronics 'CR42' for combustion engine 'OM651' (N3/9)	P13DF00	The AdBlue® system has a malfunction. _
CDI - Motor electronics 'CR42' for combustion engine 'OM651' (N3/9)	P13E300	The number of possible engine starts is limited due to a malfunction in the AdBlue® system. _

Work units				
Op. no.	Operation text	Time	Damage code	Note
			54581 90	Diesel engine control unit

Validity		
Vehicle	Engine	Transmission
204.904	*	*