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

Topic number	LI49.10-P-058243
Version	2
Design group	49.10 Exhaust pipes, catalytic converter, mufflers
Date	02-25-2014
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	Addition to remedy
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.

Note

If the DTCs can not be erased after the software update. perform the following steps:

1. Connect to SCR control unit

2. Proceed to control unit adaptations

3. Perform reset of NOx sensor adaptation

4. Erased DTCs in CDI control unit

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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	*	*

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