

Technical Service Bulletin

2495

Subject: Engine A/B16/17/20/DTC/H/J/L/R - Increased idle speed

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Opel, Vauxhall	Insignia	2009	-	91000001		A20DTC A20DTH A20DTJ A20DTL A20DTR	
Opel, Vauxhall	Astra-J	2010	-	A?000001		A17DTJ, A17DTR, A20DTC, A20DTH, A20DTJ, A20DTR	
Opel, Vauxhall	Zafira-C	2013		D2000001		1.6L (LVL) B16DTH	

Option**Complaint****Cause**

Customer might complain about an increased idle speed up to 1150 rpm.

Increased idle speed signal is managed by the engine ECU but based on a signal coming from the BCM (Body Control Module). In case the state of charge (SOC) for the battery is too low the BCM urges the engine ECU to increase idle speed in order reload the battery in a proper way. There are three possible idle speed steps going from :

- step 1 (= 925 rpm) to
- step 2 (= 1000 rpm-1050 rpm) and
- step 3 (= 1100 rpm-1150 rpm)

depending on the SOC as well as the outside temperature which also affects the SOC.

Other possible reasons for increased idle speed also managed by the engine ECU based on a BCM request:

- a.) During auxiliary heater on the idle speed will be set to step 2.
- b.) During HVAC operation the idle speed will be set to step1-3 based on the thermal load.
- c.) During DPF regeneration mode the idle speed will be set to step1-3 based on the engine requirements.

Production**Remedy**

In case of customer complaint please explain the technical content to your customer.

Change Index:
21-Jan-2014: Added model Zafira-C.

FunctionalGroup

J - Engine

Complaint Group

19 - Poor Engine Driveability

Trouble Code

None

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