

Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf A4, Jetta A4, R32, Touareg	2002 -2004	BDF, BJS, BAA VR6 4V	All	All	All

Condition

15 07 03 Jan. 31, 2007, 2010614, supersedes Technical Bulletin Group 15 number 04-01, dated Jun. 3, 2004 due to inclusion in ElsaWeb.

MIL ON with DTCs P1347/17755 and P1340/17748 Stored In Memory

Technical Background

Malfunction Indicator Light (MIL) is ON and Diagnostic Trouble Codes P1347/17755 and P1340/17748 are stored in DTC memory.

This condition may be related to the elongation of the timing chain.

Production Solution

N/A

Service

Vehicle Self-Diagnosis	01 - Engine electronics Component part number Coding XXXXX Dealership number XXXXX
Select diagnosis function	
02 - Interrogate fault memory 03 - Final control diagnosis 04 - Basic settings 05 - Erase fault memory 06 - End output 07 - Code control unit 08 - Read data block 09 - Reading individual measuring value 10 - Adaption 11 - Log-in procedure Update - Programming	
<input type="button" value="Test instruments"/> <input type="button" value="Go to"/> <input type="button" value="Print"/> <input type="button" value="Help"/>	
15-A068	

- From VAS 5051/5052 Start-up screen, select "Vehicle Self-Diagnosis".
- Select vehicle system "01-Engine electronics".
- Select diagnosis function "02 - Interrogate fault memory".
- Either DTC P1340/17748 or P1347/17755 must be present in fault memory.

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If above DTCs are not present in fault memory:

- Do not proceed with this bulletin. Refer to Guided Fault-Finding in the VAS 5051/5052 to continue diagnosis of MIL ON condition.

Vehicle Self-Diagnosis	01 - Engine electronics
Select	Component part number
diagnosis function	Component description
	Coding XXXXX
	Dealership number XXXXX
02 - Interrogate fault memory	
05 - Erase fault memory	
06 - End output	
Coding subbussystem	
08 - Read Measuring Value Block	
16 - Access permission	
Identification services	
Reading / writing long coding	
◀ Test Instruments ▶ Go to Print Help	
15-A069	

If above DTCs are present in fault memory:

- Select backward arrow on navigation bar.
- Select diagnosis function "08 - Read Measuring Value Block".
- Input "208" on keypad to select "Display group "208".
- Select "Q" button to confirm.

Vehicle Self-Diagnosis	01 - Engine electronics
08 - Read Measuring Value Block	Component part number
	Component description
	Coding XXXXX
	Dealership number XXXXX
Read data block	
680 /min	
127	
◀ 8.0 °KW	
00100000	
Display Group	
208	
▲ ▼	
◀ Go to Print Help	
15-A070	

In Display group 208 the value in "Field 3" (arrow) should be within a range of + 8.0 degrees KW to - 8.0 degrees KW.

- Select upward arrow below display group number.
- Display group will increase to "Display group 209".

Vehicle Self-Diagnosis	19 - Diagnostic interface for data-bus
08 - Read Measuring Value Block	Component part number
	Component description
	Coding XXXXX
	Dealership number XXXXX
Read data block	
680 /min	
127	
◀ 8.0 °KW	
00100000	
Display Group	
209	
▲ ▼	
◀ Go to Print Help	
15-A071	

- In Display group 209 the value in "Field 3" (arrow) should be within a range of +8.0 degrees KW to -8.0 degrees KW.

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If “Field 3” measurements in display groups 208 and 209 are within range of +8.0 degrees KW to -8.0 degrees KW:

- Do not proceed with this bulletin. Refer to Guided Fault-Finding in the VAS 5051/5052 to continue diagnosis of MIL ON condition.

If “Field 3” measurements in display groups 208 and 209 are less than -8.0 KW (-9.0 to -14.0 KW):

Guided Fault Finding

Function / Component Selection

Select function or component

Vehicle Make

Vehicle Model

Model Year

Vehicle Type

Vehicle Engine

Powertrain (Repair Group 01: 10 to 26; 28 to 39)

BAA - engine

01 - Systems capable of self-diagnosis

Motronic Engine Management System

Electrical components

+ E45 - Cruise control system switch

+ E36 - Clutch pedal switch

+ E47 - Brake pedal switch

+ G28 - Engine speed sender

+ E45 - Cruise control system switch

+ Camshaft Position (CMP) Sensor 2 - G163 - exhaust side

+ G165 - Sender 2 for accelerator pedal position

+ J17 - Fuel pump relay

Go to

Print

Help

15-A072

- Return to VAS 5051/5052 Start-up screen.
- Select “Guided Fault-Finding”
- Select “Function/Component Selection” from the “Go to” button on navigation bar.
- Check signal function of “G28 - Engine Speed Sensor” and “G163 - Camshaft Position Sensor 2” (arrows).

If signal functions of “G28 and G163 are OK:

- Replace upper timing chain. Refer to Repair Group Cylinder Head, Valvetrain.

Warranty

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:	
Claim Type:	W2
Part Identifier:	1535
Damage Code:	1535 10 _ _ _ 1*
Labor Operation:	1535 01 00 = 10 TU
Labor Operation:	To replace timing chain, use applicable SRT from Elsa.
Claim Comment: Enter “Per Technical Bulletin 2010614” in comment section of Warranty claim.	

* Code per Warranty Vendor Code policy.

Required Parts and Tools

No special parts required

No special tools required