



Important!

Please give copies to all your VW Technicians

Technical Bulletin

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

Group: **15**

Number: **04-01**

Model(s): **Golf, Jetta, R32, Touareg with VR6 4V Engine (Engine Code BDF, BJS, BAA)**

2002 ▶ 2004

Date: **June 3, 2004**

Condition

Malfunction Indicator Light is On with Diagnostic Trouble Codes P1347/17755 and P1340/17748 stored in fault memory.

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

Service

- 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.

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.

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 Component part number Component description 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	
◀ Test Instruments	Go to Print Help
15-A068	

Vehicle Self-Diagnosis	01 - Engine electronics Component part number Component description Coding XXXX Dealership number XXXXX
Select diagnosis function	
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
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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 range of +8.0 °KW to -8.0 °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 range of +8.0 °KW to -8.0 °KW.

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

- Return to VAS 5051/5052 Start-up screen.
- Select “Guided Fault Finding”
- Select “Function / Component Selection” from the “Go to” button on navigation bar.

Guided Fault Finding	Vehicle Make
Function / Component Selection	Vehicle Model
Select function or component	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 -8.0 °KW → + G28 - Engine speed sender + E45 - Cruise control system switch ... -8.0 °KW → + Camshaft Position (CMP) Sensor 2 -G163- exhaust side + G185 - Sender 2 for accelerator pedal position + J17 - Fuel pump relay	
Go to Print Help	
15-A072	

◆ Check signal function of “G28 - Engine Speed Sensor” and “G163 - Camshaft Position Sensor 2” -arrows-

- ◆ If signal functions of “G28 and G163 are OK.



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- Replace upper timing chain. Refer to Repair Manual, *Cylinder Head, Valvetrain*, Repair Group 15.

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:

Part Identifier:	1535
Labor Operation:	15350100 10 TU