



Important!

Please give copies to all
your VW Technicians

Technical Bulletin

Subject: **A/C Compressor Inoperative, DTC 00445 is Stored in
DTC Memory**

Group: **87**

Number: **03-02**

Model(s): **Touareg with 4.2L V8
(Eng. code AXQ, BHX)**

2004

Date: **Sept. 4, 2003**

Condition

A/C compressor is inoperative, Diagnostic Trouble Code (DTC) 00445 is stored in DTC memory.

The Touareg equipped with a 4.2L V8 engine has a Refrigerant Temperature sensor -G454- which calculates the refrigerant level based on the temperature and pressure of the HVAC system.

This sensor may be adversely affected by sudden temperature changes such as moving from a cool garage to a hot outside environment or from a hot outside environment to a relatively cool environment such as a car wash.

Service

Switch level detection OFF by recoding the system from 00030 to 01030 as follows:

- Connect VAS 5051 or VAS 5052 Diagnostic Tester.
- Select operating mode "Self Diagnosis"
- Input address word "08 - AC/Heating electronics".
- Select function "07 - Coding control module".
- Enter code number "01030" on keypad.
- Select Q to confirm.

Note:

The code entered and displayed will not be loaded into the Climatronic control module until the ignition has been switched OFF once.



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- Select function "04 - "Basic Setting".
- Enter "01" on keypad.
- Set basic settings.

With basic settings set:

- Select the ◀ button.
- Interrogate and erase any stored DTCs.

With DTCs erased:

- Select the ◀ button.
- End output (function 06).
- Switch the ignition OFF then ON.
- Select operating mode "Self Diagnosis"
- Input address word "08 - AC/Heating electronics".
- Interrogate and erase any stored DTCs.

With DTCs erased:

- Select the ◀ button.
- End output (function 06).
- Switch ignition OFF and disconnect Data Link Connector (DLC).