



**Important!**

Please give copies to all  
your VW Technicians

# Technical Bulletin

Subject: DTC's P1580 (17988) and P0103 (16487) Stored in DTC  
Memory

Group: 01

Model(s): Golf, Jetta, Passat, w/ Eng. codes ABA, AAA  
Cabrio w/Eng. code ABA 1996 > 1999  
EuroVan with w/Eng. code AES 1997 > 2000

Number: 99-18

Date: Oct. 29, 1999

## Condition

Diagnostic Trouble Codes (DTC's)  
P1580 (Throttle Actuator B1 Malfunction) and  
P0103 (Mass or Volume Air Flow Circuit High  
Input) are stored in DTC memory  
simultaneously.

May be caused by an attempt to start a  
vehicle with a dead or low charged battery  
(below approx. 7V).

These DTC's predominately show up together  
on a vehicle with a low charged or dead  
battery (can occur at PDI if battery is not  
maintained).

## Service

If an attempt is made to start a vehicle with a  
battery charge at approx. 7V (or lower):

DTC P1580 (17988) will be stored in DTC  
memory.

Once DTC P1580 (17988) is stored:

If the vehicle is then jump started and driven,  
the second DTC, P0103 (16487) will then be  
stored.

### Note:

*Throttle valve angle (when checked in "Basic  
setting" Function 04, display group 098) will be  
"0" in any throttle valve position.*

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Once these DTC's have been stored in DTC memory the following applies:

If DTC's are erased and throttle body adaptation is not performed, both DTC's will be stored again in DTC memory immediately.

If throttle body adaptation is performed (without erasing DTC's) "error" will be displayed on the VAG 1551 Scan tool in Display Group 098.

In both cases vehicle may not start or may run poorly.

**DO NOT replace any parts for this condition, perform the following steps:**

The following must be performed IN SEQUENCE to remove stored DTC's P1580 and P0103:

- Battery condition must be OK.
- Charge and/or replace battery according to procedures in latest version of VESIS, Group 27.

With battery condition OK:

- Connect VAG 1551 Scan Tool.
- Erase any stored DTC's.
- Perform Throttle Body Adaptation (see appropriate Repair Manual).
- Erase stored DTC's again.
- Set readiness code.

Also see Technical Bulletin 01-99-15 which deals with procedures to follow after power is interrupted.