



Important!

Please give copies to all your VW Technicians

Technical Bulletin

Subject: **Diagnostic Trouble Code (DTC) P1603 (18011) Stored in DTC Memory** Group: **01**

Number: **05-02**

Model(s): **All with Electronic Power Control (see table below)**

1999 ► 2005

Date: **Jan. 14, 2005**

Condition

DTC P1603 (18011) "Control unit faulty" stored in DTC memory.

Vehicle	Engine	Eng. Code
New Beetle	1.8T	APH,AWV, AWP, BKF, BNU
	1.9 PD	BEW
	2.0	AVH, AZG, BDC, BEV, BGD
Golf, Jetta	1.8T	AWD, AWP, AWW
	1.9 PD	BEW
	2.0	AVH, AZG, BEV, BBW
Golf, Jetta	2.8	AFP, BDF
Jetta	2.5	BGP, BGQ
R32	3.2	BJS
Passat	1.8T	ATW, AUG, AWM
	2.0 PD	BHW
	2.8	ATQ
	4.0	BDP
EuroVan	2.8	AXK
Touareg	3.2	BMX, BAA
	4.2	AXQ, BHX
	5.0 PD	BKW
Phaeton	4.2	BGH, BGJ
	6.0	BAN, BAP

Service

DO NOT automatically replace ECM for this condition.



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First perform the following:

- Verify that battery voltage and condition are OK. (Charge and load test as necessary).

If battery voltage is low:

- Correct reason for low battery voltage.



Tip:

Battery voltage must be substantiated by a Midtronics MCR340V printout. Printout must be attached to the repair order. If ECM is requested by the Warranty Test Center, a copy of the Midtronics Tester printout must be sent with the ECM along with all other supporting documentation.

- With battery fully charged:
- Connect the VAS 5051/5052 Diagnostic tool.
- Switch ignition ON.
- Select “Vehicle Self Diagnosis”.
- Interrogate and erase DTC memory.
- Perform throttle adaptation (see appropriate Repair Manual and Repair Group 23 or 24).
- Start engine and allow to run briefly, then switch engine OFF.
- Repeat above step (Start/Shut OFF) 5 times.
- Check DTC memory again.

If MIL does not illuminate and DTC has not returned:

- ◆ A low battery condition most likely caused the DTC to be stored.

- Set readiness code.

If MIL illuminates or DTC has been stored again, perform the following:

- Replace ECM (see appropriate Repair Manual and Repair Group 23 or 24).
- Set readiness code.



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When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:	
Claim Type:	W2
Part Identifier:	2470
Damage Code:	2470 39 000 1
Labor Operation:	24702544 20TU
Labor Operation:	See SRT
Set readiness code if necessary	