

## Transmission Control Module (TCM), coding (scan tool function 07)

### Procedure

- Connect VAS5051 tester or V.A.G1551 scan tool and select Transmission Control Module (TCM) using "address word" 02 ⇒ [page 01-40](#) .

Ignition must remain switched on.

Rapid data transfer

HELP

Select function XX



Indicated on display

Print out control module identification:

- Switch on printer by pressing print button (indicator lamp in button lights up).
- Press buttons -0- and -1-.
- Press -Q- button to confirm input.

8D0927156BT AG5 01V 2.8l 5V USA 1416

Coding 00002

WSC 00000



Indicated on display

Control module identification is displayed:

Depending on the control module version (software version), the control module may indicate a different identification than shown in this example. For allocation of control module

⇒ *Parts catalog*

## Explanation of display:

- ◆ 8D0927156BT: Part number
- ◆ AG5 01V: Automatic Transmission, 5-speed  
01V
- ◆ 2,8l 5V: Engine type
- ◆ USA: Market, USA and Canada
- ◆ 1416: 14 = software version, 16 = data  
version
- ◆ Coding 00002: Coding (see Coding tables ⇒  
[page 01-184](#) )
- ◆ WSC 00000: Factory identification of  
V.A.G1551, with the last coding that was  
performed

- Press → button.

TCM identification can only be printed out when  
printer is switched on.

Rapid data transfer

HELP

Select function XX



Indicated on display

**Note:**

*Read Transmission Control Module (TCM) identification to determine which transmission/engine combination is present in this case, see explanation above. Then use coding table to determine whether the appropriate code was entered.*

- Press buttons -0- and -7-. This selects "Coding Control Module", function 07.

**Note:**

*Coding can only be performed with ignition on and selector lever in position "P" or "N". Accelerator pedal must be in idle position. Vehicle must be stationary and engine must not be started.*

Rapid data transfer Q  
07 Code control module



Indicated on display

- Press -Q- button to confirm input.

Code control module HELP  
Input code number XXXXX



Indicated on display

- Enter code

**Note:**

*Find control module identification in coding tables starting on ⇒ [page 01-184](#) and enter it into tester. The Dynamic Shifting Program (DSP) should remain on at all times if possible.*

- Press -Q- button to confirm input.

**Note:**

*DTC memory in the control module is automatically erased following coding.*

- Press → button.

Rapid data transfer

HELP

Select function XX



Indicated on display

- Check TCM version (press buttons -0- and -1-), confirm input with Q button and check coding ⇒ [page 01-34](#) .

01-183

DTC   
Coding XXXXX not accepted

⚡ When indicated on display: An attempt was made to enter a code that is not valid or unrecognized by the control module.

**Note:**


- ◆ *If a wrong code was entered, the control module will retain the old code.*

8D0927156BT AG5 01V 2.8l 5V USA 1416  
Coding 00002 WSC 00000

⚡ Indicated on display

**Note:**

- ◆ *A control module identification that has been wrongly entered is only indicated alongside the old coding for older V.A.G1551 tester cards.*

Function is unknown or cannot be   
carried out at the moment

⚡ When indicated on display:

An attempt was made to perform coding in an unauthorized coding condition, e.g. with the vehicle was being driven.

01-184

## Coding tables

### For vehicles without E-gas

Code	Transm. Code	Engine	Dynamic Shift Program (DSP)	Market
00000	DDT	All valid engine/transmission combinations without E-gas	DSP active	Rest of world and USA FWD and Quattro
	DKB	This information is in the following repair manuals:		
	DRD	⇒ <a href="#">Repair Manual, 5 Spd. Automatic Transmission 01V, Repair Group 00, engine codes, engine/transmission allocation, ratios, equipment</a>		
	DRN			
	DTV			



01-185

**For vehicles with E-gas**

Code	Engine	Dynamic Shift Program (DSP)	Market
00000	Not permitted code		
00001	All valid engine/transmission combinations with E-gas	DSP active	Rest of world Quattro
00002	This information is in the following repair manuals:	DSP active	USA Quattro
00003	⇒ <a href="#">Repair Manual, 5 Spd. Automatic Transmission 01V, Repair Group 00, engine codes, engine/transmission allocation, ratios, equipment</a>	DSP active	Rest of world FWD
00004		DSP active	USA FWD