Read Measuring Value Block (scan tool function 08) for transmissions with hydraulic control -E18/2-

Notes:

For transmissions with hydraulic control -E17-, "Read Measuring Value Block" can be found \Rightarrow <u>page 01-187</u>

CAUTION!

To avoid risk of accidents during measuring and test drives, note safety precautions \Rightarrow page 01-34.

Procedure

- Connect VAS 5051 tester or V.A.G 1551 scan tool and select Transmission Control Module (TCM) using "address word" $02 \Rightarrow page 01-36$.

Ignition must remain switched on for this procedure.

Indicated on display

- Press PRINT button to turn on Scan Tool (ST) printer. Indicator lamp in button must light up.

 Rapid data transfer
 HELP

 Select function XX
 Image: Compare the second s

- Press buttons -0- and -8- to select "Read Measuring Value Block" and press -Q- button to confirm input.

Read measuring value block	Q	
Input display group number XXX		
Read measuring value block 1	\rightarrow	
1 2 3 4		

- When indicated on display:
 - Enter desired display group number ⇒ page 01-230 display group overview.
 - Confirm input using the -Q- button.
- Indicated on display (example) for display group 001:

Notes:

- Explanation of values in individual display fields test table ⇒ page 01-234.
- Display can be printed out when printer is switched on.
- To switch to a different display group, proceed as follows:

Display group	V.A.G 1551	VAS5051 tester
Higher	Press button -3-	Press 🛦 button.
Lower	Press button -1-	Press V button.

- If specified values are obtained in all display fields, press → button.

Indicated on display (function selection):

 Rapid data transfer
 HELP

 Select function XX

Overview of selectable display group numbers for transmission with hydraulic control -E18/2-

Indicated on display (example)			
Display fields:	Display group no.	Display field	Description
1 2 3 4			
Read measuring value block 1 →	001	1	Engine speed (RPM)
		2	Sensor for transmission RPM -G182-
0 RPM 0 RPM 0 RPM 4		3	Sensor for transmission output RPM -G195-
		4	Gear selected
Read measuring value block 2 →	002	1	Actual program
		2	Throttle valve value or accelerator pedal position
DS 0 % 0 RPM 4		3	Sensor for transmission output RPM -G195-
		4	Gear selected
Read measuring value block 3 →	003	1	Brake light switch
		2	"P" "N" lock
PN active 0 km/h 12.8 V		3	Speed
		4	Voltage supply

Read measuring value block 4 →	004	1	ATF temperature
		2	Selector lever position
21.0 ° C P 1000 0101		3	Multi-function switch position
		4	Information of On Board Diagnostic (OBD)

Indicated on display (example)			
Display fields:	Display group no.	Display field	Description
1 2 3 4			
Read measuring value block $5 \rightarrow$	005	1	Solenoid valve 1 -N88-
5		2	Solenoid valve 2 -N89-
0.0.0.4		3	Solenoid valve 3 -N90-
0004		4	Gear selected
Read measuring value block 6 →	006	1	Specified current of Pressure Control Valve 1 for auto. transmission -N215-
		2	Specified current of Pressure Control Valve 2 for auto. transmission -N216-
0.747 A 0.747 A 0.747 A 0			Specified current of Pressure Control Valve 3 for auto.
		3	not applicable
		4	
Read measuring value block $7 \rightarrow$	007	1	ATF temperature

21.0° C 0.747 A TC on 0		2	Specified current of Pressure Control Valve 4 for auto. transmission -N218-
RPM			Torque converter lock-up clutch
		5	Torque converter slip speed
		4	
Read measuring value block	008	1	Kick down switch
8 -		2	Throttle valve value or accelerator pedal position
		3	Deceleration mode/engine under load
0 % Deceleration		4	

Indicated on display (example)							
Display fields:	Display group no.	Display field	Description				
1234							
Read measuring value block 9 \rightarrow	009	1	Engine torque (actual)				
		2	Engine speed (RPM)				
100 Nm 0 RPM 0 %		3	Throttle valve value or accelerator pedal position				
		4					
Read measuring value block 10 \rightarrow	010	1	Torque increase in torque converter				
		2	Engine speed (RPM)				
0.00 0 RPM 4		3	Gear selected				
		4					
Read measuring value block 11 →	011	1	Selector lever position				
		2	Tiptronic recognition				
D M-switch up-switch		3	Tiptronic Switch -F189-				
		4					

Read measuring value block 12 \rightarrow	012	1	Type of drive, load
		2	Dynamic code number
E 56 80 45		3	Drive resistance index
		4	Driver evaluation
Read measuring value block 125 \rightarrow	125	1	Reception of engine messages via CAN-bus
		2	Reception of ABS messages via CAN-bus
10		3	
		4	

Notes:

- When the printer is switched on, the contents of the display will be printed out.
- If specified values are not obtained in all display fields:
- Press → button.

Rapid data transfer	HELP
Select function XX	

Indicated on display

<

Test table for transmissions with hydraulic control -E18/2-

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
001	1	Engine RPM	With engine running	approx. 08200	- See DTC table, DTC 17968 / P1560 ⇒ <u>page 01-45</u>
				RPM	
	2	Sensor for transmission RPM -G182-	While driving, with gear selected ¹⁾	RPM	- See DTC table, DTC number 17100 / P0716 \Rightarrow page 01-45
			R	approx. 08200	
			1. 1m	approx. 02000	- Read measuring value block, display group number 006 or 007 and determine which elements are faulty or not activated while driving
Continue			2	approx. 08200	
▼			3	approx. 08200	

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test requirements		Spec. value on V.A.G1551	Corrective actions
					display	
001	2		While driving ¹⁾	With gear selected	RPM	- See previous page
				4	approx. 08200	
				5	approx. 08200	
	3	Sensor for transmission output RPM -G195-	While drivi selected ¹⁾	ng, with gear	RPM	- See DTC table, DTC number 17105 / P0721 ⇒ <u>page 01-45</u>
				R	approx. 02000	
				1. 1m	approx. 02000	- Read measuring value block, display group number 006 or 007
Continued				2	approx. 04000	 Determine while driving which elements are faulty and which aren't active
▼				3	approx. 05800	

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
Continued			4	approx. 08200	
▼			5	approx. 08200	

Notes for display group number 001, display field 1 to 3;

• Test conditions: Shifting process must be finished. Vehicle must not be in deceleration mode (no decline driving or engine brake).

Display group number	Display field	Description	Test rec	luirements	Specification for display on V.A.G1551	Corrective actions
001	4	Gear selected	While driving ¹⁾	Selector lever position		- Check solenoid valves. See display group numbers 005, 006 and 007
				"N"	"1""5" ²⁾	- See DTC table, DTC of respective solenoid valves ⇒ page 01-45
				"R"	"R"	- Check selector lever position. Display group number 004
				"D"	"1m" "2" "3" "4" "5"	
				"4"	"1m" "2" "3" "4"	
				"3"	"1m" "2" "3"	
				"2"	"1m" "2"	

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ Transmission Control Module (TCM) is equipped with an automatic gear follower. The forward gear is indicated that the TCM would activate in selector lever position "D".

Notes for display field 4 of display group number 001:

• Faulty solenoid valves or other DTCs can prevent the selection of certain gears.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
002	1	Actual program	In normal driving conditions ¹⁾		Determined by driving style and street conditions (acceleration, accelerator pedal movement, speed and load)
			Dynamic shift program is active	DS	Shifting avoided whenever possible
			Warm-up program is active	WL	Up-shifting occurs faster to avoid high RPM.
			Anti-Slip Regulation (ASR) active	AS	- Check display group number 004
Continue			Tiptronic recognition activated	тт	- See DTC table, DTC 18141/P1733 to 18152/P1744 \Rightarrow page 01-45

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test requirements		Spec. value on V.A.G1551 display	Corrective actions	
002	002 2 Throttle value value or value from accelerator pedal position While standing		Idle	01 %	When accelerating from idle to Wide Open Throttle (WOT), %-value increases steadily.		
			Wide Open Throttle (WOT)	99100 %	- Perform electrical test ⇒ page 01-273 - See DTC table, DTC 18269 / P1861 ⇒ page 01- 45		
	3	Sensor for transmission output RPM -G195-	While drivir	ng ¹⁾	08200	 See DTC table, DTC number 17105 / P0721 ⇒ page 01-45 See display group number 001 	
	4	Gear selected	See display	y group numbe	er 1, display field 4		

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test requ	uirements	Spec. value on V.A.G1551 display	Corrective actions
003	1	Brake light switch -F-		activated	Brake	- See DTC table, DTC 17087 / P0703 \Rightarrow page 01-45
				not activated	-	- Perform electrical test ⇒ page 01-273
	2	Shift lock solenoid -N110-	While standing in P, N	Brake not operated	P N active	- See DTC table, DTC 18170/P1762 and 18196 / P1761 ⇒ <u>page 01-45</u>
Continue				Brake activated	P N not selected	 Check shift lock solenoid - N110 Perform electrical test ⇒ page 01-273

Display group number	Display field	Description	Test requireme	ents	Spec. value on V.A.G1551 display	Corrective actions
003	3	Speed	While driving	g ¹⁾	km/h	 If necessary, check speedometer vehicle speed sensor (VSS) -G22-
	4	Supply voltage,	While			- Perform electrical test \Rightarrow page
			Standing	min.	10.0 V	<u>01-273</u>
				max.	16.0 V	- See DTC table, DTC 18158/P1750 and 18159 / P1751 ⇒ <u>page 01-45</u>

¹⁾ While driving, a second mechanic is required to read specifications.

Note for display field 3, speed:

Display of the speedometer and values at VAS 5051 or V.A.G 1551 may deviate slightly from each other.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
004 Continue	1	ATF temperature	While standing with engine running	°C	- Perform electrical test \Rightarrow page 01-273 - See DTC table, DTCs 17094 / P0710, 17095 / P0711, 17096 / P0712 and 17097 / P0713 \Rightarrow page 01-45

Notes for ATF temperature:

- Temperature of minus 50° C indicates a short circuit to Ground (GND),
- Temperature of minus 180° C indicates a short circuit to B+ or an open circuit,

Display group number	Display field	Description	Test requiremer	nts	Spec. value on V.A.G1551	Corrective actions
					display	
004	2	Selector lever position (Multi-function Transmission Range (TR) switch -F125-	While standing	Ρ	Р	
			Selector	R	R	
			lever	N	N	Check for agreement with indication in instrument cluster
			in	D	D	- Check display field 3
				4	4	
				3	3	
				2	2	
	Continue					

Display group number	Display field	Description	Test requirements		Spec. value on V.A.G1551	Corrective actions
					display	
004	2 ¹⁾	Selector lever position - (Multi-function Transmission Range (TR) switch -F125-)	While standing, selector lever between	P and R or R and D	Z1	- Check multi-function Transmission Range (TR) switch -F125 display group number 004, display field 3
		Between positions at selector lever mechanism		N and D	Z2	- Perform electrical test ⇒ <u>page 01-</u> 273
				D and 4	Z3	 If necessary adjust selector lever bowden cable
Continue V				4 and 3 or 3	Z4	⇒ <u>Repair Manual, 5 Spd. Automatic</u> <u>Transmission 01V, Repair Group 37,</u> shift mechanism, repairing, selector lever cable, checking and adjusting
				and		

2	1	1	1	1		
Z					2	
					2	

¹⁾ This display field is not displayed until model year 2000 (May 1999)

Note on in-between positions:

When the selector lever is shifted into one of the in-between positions, the Scan Tool indicates "Z1", "Z2", "Z3" or "Z4". Display in instrument cluster must not indicate a gear selected, i.e. PRND432 is indicated without any particular gear highlighted.

Display group number	Display field	Description	Test requirements		Spec. value on V.A.G1551 display	Corrective actions
004	3	Multi-function Transmission Range (TR) switch -F125-	While standing	Selector lever position	L1 L2 L3 L4	- See DTC table, DTC 17090 / P0706 ⇒ <u>page 01-45</u>
				Р	1000	- Check multi-function Transmission Range (TR) switch -F125-
				R	0100	- Perform electrical test \Rightarrow page 01-273
				N	1110	
				D	1011	- If necessary adjust selector lever bowden cable
				4	0111	⇒ <u>Repair Manual, 5 Spd.</u> <u>Automatic Transmission 01V,</u> <u>Repair Group 37, shift</u> <u>mechanism, repairing</u>
Continue				3	0001	
▼				2	0010	

Notes for display field 3 of display group number 004:

 The input signals of the Multi-function Transmission Range (TR) switch -F125- can be checked at the Transmission Control Module (TCM).

	Display field 3: (from left to right)					
	L 1	L 2	L 3	L 4		
Wiring connection to Transmission Control Module (TCM) -J217-	Terminal 36 of - J217-	Terminal 8 of	Terminal 37 of - J217-	Terminal 9 of		
		-J217-		-J217-		

Display group number	Display field	Description	Test requirements	Spec, value on V.A.G1551	Corrective actions
				display	
004	4	Information of On Board Diagnostic (OBD)	While driving ¹⁾		
		Indicated on display from left to right			
		Malfunction display	Switched on	1	
			Switched off	0	
		Trip	Completed	1	
			Not completed	0	Not applicable
		Transmission warm-up	Completed	1	
			Not completed	0	
		Engine start	Recognized	1	
			Not recognized	0	

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Tes	t requirements	Spec. value on V.A.G1551 display	Corrective actions
005	1	Solenoid valve 1 -N88-	While driving ¹⁾	Gear selected		- Check whether display is the same as on shift lever display
				R. N, D, (1 and 2 (1 gear), Shift-down from 5 to 4 gear	Х	
				D (3 and 4 gear)	0	- Perform electrical test ⇒ page 01-273
	2	Solenoid valve 2 -N89-	While driving ¹⁾	Gear selected		
Continue				N, D (1, 2 and 3 gear)	Х	- Perform electrical test ⇒ <u>page 01-273</u>
▼				R, D (4 and 5 gear) D, down-shift 5 to 4	0	

¹⁾ While driving, a second mechanic is required to read specifications.

Notes for display group number 5, display field 1 to 3;

• Unswitched solenoid valves (inactive) are indicated with "0", switched solenoid valves (active) are indicated with "1".

Display group number	Display field	Description	Test re	equirements	Spec. value on V.A.G1551 display	Corrective actions
005	3	Solenoid valve 3 -N90-	While driving ¹⁾	Gear selected		- See DTC table, DTC 17145/P0761, 17146/P0762 and 17147/P0763 ⇒ <u>page 01-45</u>
				D (down-shift 5 to 4 gear)	Х	
				D (3, 4. and 5 gear)	x or 0 ²⁾	- Perform electrical test $\Rightarrow page$ 01-273
				R, N, D (1 and 2 gear) 2 (1 gear)	0	
	4	Gear selected	See displa	y group number 0	01, display field 4	

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ The solenoid valve is switched momentarily while driving, meaning that the mode changes from display "0" to "X" and then again to "0". This switching in these gears is not relevant.

Notes for display group number 5, display field 1 to 3;

• Unswitched solenoid valves (inactive) are indicated with "0", switched solenoid valves (active) are indicated with "1".

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
006	1	Specified current of Pressure Control Valve 1 for auto. transmission -N215-	While driving ¹⁾		- See DTC table, DTC 18222/P1814 and 18223 / P1815 \Rightarrow page 01-45
				min. 0.0 A	- Perform electrical test ⇒ page 01-273
				max. 2.0 A	
	2	Specified current of Pressure Control Valve 2 for auto. transmission -N216-	While driving ¹⁾		- See DTC table, DTC 18227/P1819 and 18228 / P1820 \Rightarrow page 01-45
				min. 0.0 A	- Perform electrical test ⇒ page 01-273
Continue				max. 2.0 A	

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
006	3	Specified current of Pressure Control Valve 3 for auto. transmission -N217-	While driving ¹⁾		- See DTC table, DTC 18232/P1824 and 18233 / P1825 ⇒ <u>page 01-45</u>
				min. 0.0 A	- Perform electrical test ⇒ page 01-273
				max. 2.0 A	
	4				Not yet applicable

¹⁾ While driving, a second mechanic is required to read specifications.

Notes for specified current of solenoid valves:

 Faulty solenoid valves or pressure control valves or clutches or other malfunctions can prevent shifting into a specific gear.

Display group number	Display field	Description	Test requirem	ents	Spec. value on V.A.G1551	Corrective actions
007						
007	1	AIF temperature	See display	/ group	number 1, displa	y field 4
	2	Specified current of Pressure Control Valve 4 for auto. transmission -N218-	While driving ¹⁾	min.	0.0 A	- See DTC table, DTC 18237/P1829 and 18238 / P1830 ⇒ <u>page 01-45</u>
				max	2.0 A	- Perform electrical test ⇒ page 01-273
	3	Torque converter (TC) lock- up clutch	While driving ¹⁾		TC open	- See DTC table, DTC 17125 / P0741 ⇒ <u>page 01-</u> <u>45</u>
Continue					TC control	- Perform electrical test ⇒ page 01-273
▼					TC closed	

¹⁾ While driving, a second mechanic is required to read specifications.

Display group number	Display field	Description	Test re	equirements	Spec. value on V.A.G1551 display	Corrective actions
007	4	Torque converter (TC) slip speed	While driving ¹⁾	TC open	0standstill RPM 20120 RPM	 Check ATF oil level ⇒ <u>Repair Manual, 5 Spd.</u> <u>Automatic Transmission 01V,</u> <u>Repair Group 37,</u> See DTC table, DTC number 17105 / P0721 and 17125/P0741 ⇒ page 01-45 Determine which element is
				(last shift process at least 20 seconds ago)		faulty or not activated, transmission with shift elements ⇒ <u>Repair Manual, 5 Spd.</u> <u>Automatic Transmission 01V,</u> <u>Repair Group 37,</u>
				TC closed	020 RPM	- Check plausibility between engine RPM, transmission input RPM and transmission RPM, display group number 001

¹⁾ While driving, a second mechanic is required to read specifications.

Note:

http://127.0.0.1:8080/audi/servlet/Display?action=Goto&type=repair&id=AUDI.B5.AT02.01.14

• Test requirements for torque converter slip speeds \Rightarrow next page

Test requirements for torque converter slip speeds:

- "TC closed": Shifting process must be complete (wait at least 1 sec.), the Torque Converter (TC) must be closed and the
 accelerator pedal value must be constant.
- "TC control": Indicated values are valid for the "regulating condition" of the throttle converter (control). Under inconvenient conditions (e.g. accelerating on a hill), this condition is not reached until 20 seconds after the shifting process has been completed. During this regulating phase, slip values of up to 350 RPM can be reached.
- Excessive torque slip speeds can also indicate slipping clutches or non-activated shifting elements.

Display group number	Display field	Description	Test re	equirements	Spec. value on V.A.G1551 display	Corrective actions
008	1	Kick down switch -F8-	Kick- down	operated ²⁾	Kick-down	 Check kick-down switch, perform electrical test ⇒ page 01-273
				not operated	-	
	2	Throttle valve value or value from accelerator pedal position	While standing	idle	01 %	When accelerating from idle to Wide Open Throttle (WOT), %-value increases steadily.
				Wide Open Throttle (WOT)	99100 %	 See DTC table, DTC 18269 / P1861 ⇒ page 01-45 See also display group number 002, display
						field 2
	3	Signal for deceleration/engine under load	While driving ¹⁾	Deceleration mode	Deceleration	For down-hill or delay (engine braking)
				Engine under load	-	Engine is under load during normal driving conditions.

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ Operate kick-down means that the accelerator pedal needs to be depressed to stop. Display must simultaneously indicate "100%" in display field 2.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
009	1	Engine torque 2)	While driving ¹⁾	Nm	- See DTC table, DTC 18265 / P1857 ⇒ <u>page 01-45</u>
Continue ▼	2	Engine RPM	With engine running	approx. 08200 RPM	- See DTC table, DTC 17968 / P1560 ⇒ <u>page 01-45</u>

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ While driving in one gear, the indicated shift torque remains constantly high, since no engine torque reduction is required.

Note for display field 1:

The signal for actual engine torque is transmitted by the Engine Control Module (ECM) to the Transmission Control Module (TCM) via the CAN-bus wiring.

Display group number	Display field	Description	Test red	quirements	Spec. value V.A.G1551 display	Corrective actions
009	3	Throttle valve value or value from accelerator pedal position	While standing	idle Wide Open Throttle (WOT)	01 % 99100 %	 When accelerating from idle to Wide Open Throttle (WOT), %-value increases steadily. See DTC table, DTC 18269 / P1861 ⇒ page 01-45 See also display group number 002, display field 2
	4 ²⁾	Transmission input torque	While driving ¹⁾		Nm	Should be like display field 1.

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ This display field is not displayed until model year 2000 (May 1999)

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
010	1	Torque increase in torque converter	While driving ¹⁾	03.2	Calculated by the Transmission Control Module (TCM) from the torque converter slip speed
	2	Engine speed (RPM)	With engine running	approx. 08200 RPM	- See DTC table, DTC 17968 / P1560 ⇒ <u>page 01-45</u>
3 Gear selected See display group number 1,		number 1, display	field 4		
	4 ²⁾	Vehicle acceleration (actual)	While Min. driving ¹⁾	-10 m/s2	

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ This display field is not displayed until model year 2000 (May 1999)

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
011	1	Selector lever position	See display group number 4,	display field 2	
	2	Tiptronic Switch - F189-	Selector lever in tiptronic gate	M-shift	- Perform electrical test ⇒ page 01-273
			Selector lever not in tiptronic gate	-	
	3	Tiptronic Switch - F189-	Selector lever in tiptronic gate, select gears		- Perform electrical test ⇒ page 01-273
		(up/down shift)			
			Shift up ¹⁾	Up-shift	
			Shift down ²⁾	Down-shift	

¹⁾ Operate up-shift (+) by shifting selector lever toward front. For vehicles equipped with a tiptronic sport steering wheel, up-shift must also be operated by pressing the upper left or right button (+) on the steering wheel.

²⁾ Operate down-shift (-) by shifting selector lever toward rear. For vehicles equipped with a tiptronic sport steering wheel, down-shift must also be operated by pressing the lower left or right button (-) on the steering wheel.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
012	1	Type of drive, load	Driving without load, e.g. driving on flat surface	E	
			Driving under load, e.g. uphill driving	В	
	2	Dynamic code number	Calculated from drive resistance index and driver evaluation	0256	not yet applicable
	3	Drive resistance index	Necessary for calculation of dynamic code number	0256	
	4	Driver evaluation	Necessary for calculation of dynamic code number	0256	

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551 display	Corrective actions
013 ¹⁾	1	CAN-bus normalizing torque	While standing with ignition switched on	Nm	
	2	CAN-bus engine code		0 63	- See DTC table, DTC 18157/P1749 and 18249 / P1841 \Rightarrow page 01-45
	3	CAN-bus Transmission code		1	- Check coding of Engine Control Module (ECM)
	4	CAN-bus software version code		0 63	- See DTC table, DTC 18263 / P1855 \Rightarrow page 01-45

¹⁾ This display group number is not displayed until model year 2000 (May 1999)

Notes for display group number 013;

• Display field 2 and 4: When replacing the ECM, the same indication that appeared for the old control module should appear after installation. If this is not the case, the wrong ECM was installed, or it is wrongly coded.

Display group number	Display field	Description	Test requirements	Spec. value on V.A.G1551	Corrective actions
				display	
125	1	Reception of an engine message via the CAN-bus	While driving ¹⁾	1	- See DTC table, DTC 18258 / P1850 ⇒ <u>page</u> <u>01-45</u>
			Received		
			Not received	0 ²⁾	- Perform electrical test ⇒ page 01-273
	2	Reception of an ABS message via the CAN-bus	While driving ¹⁾	1	- See DTC table, DTC 18259 / P1851 ⇒ <u>page</u> <u>01-45</u>
			Received		
			Not received	0 ²⁾	- Perform electrical test ⇒ page 01-273

¹⁾ While driving, a second mechanic is required to read specifications.

²⁾ If "0" is shown and there are no DTCs stored in memory, the relevant control module is not CAN capable (or is faulty).