

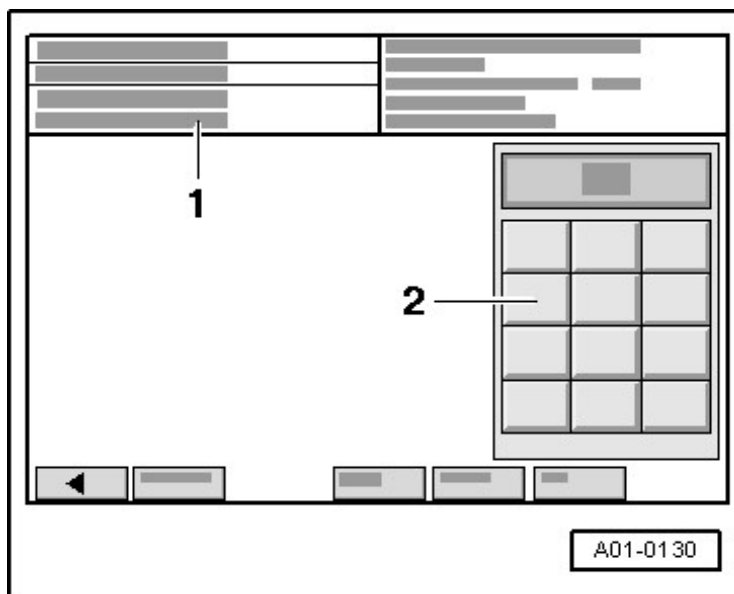
Dash panel insert self-diagnosis with service interval extension  
Adaption channels 18 to 33

Adaption channel 18 - adaption of auxiliary heater

With this function the fitted auxiliary heater, which is controlled from the dash panel insert menu, is adapted.

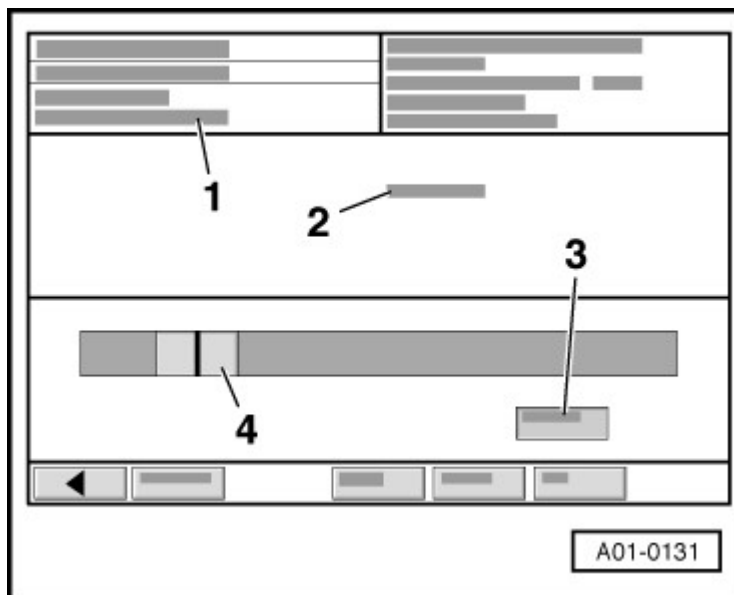
→ Readout on VAS 5051:

- 1 - Enter channel number
- - Use keypad -2- to enter "18" for "Adaption channel 18" and confirm by touching Q key.



- 1 - Channel 18  
Read and test
- 4 - Slide bar positioned on current adaption value

Version	Code
without auxiliary heater	00000
with auxiliary heater	00001
with auxiliary heater "off", with terminal 15 "off"	00002



Example:

Desired input: 00001 for version with auxiliary heater

Keypad entry: 00001

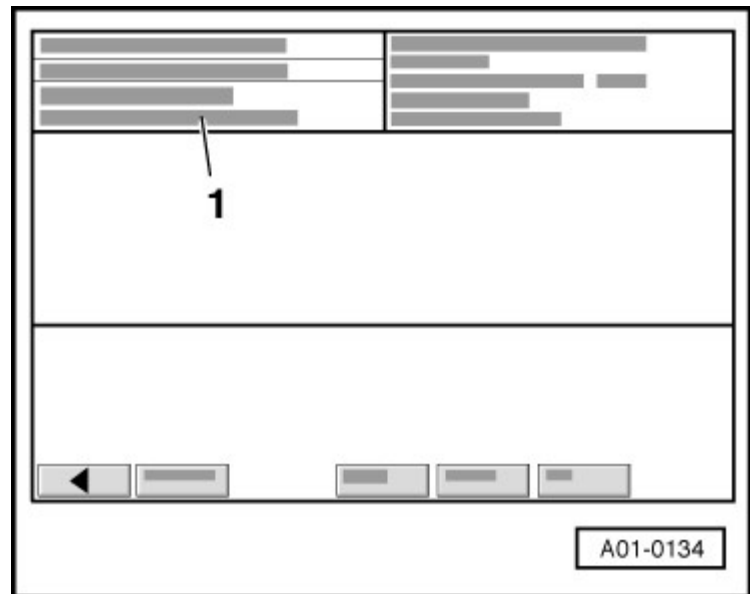
Note:

Fault message "Function unknown or cannot be implemented at present" appears if an implausible value is entered.

→ Readout on VAS 5051 following adaption:

Example:

- 1 - Channel 18
  - Value 00001 saved
- - Terminate function "10 - Adaption" by touching ◀ key.

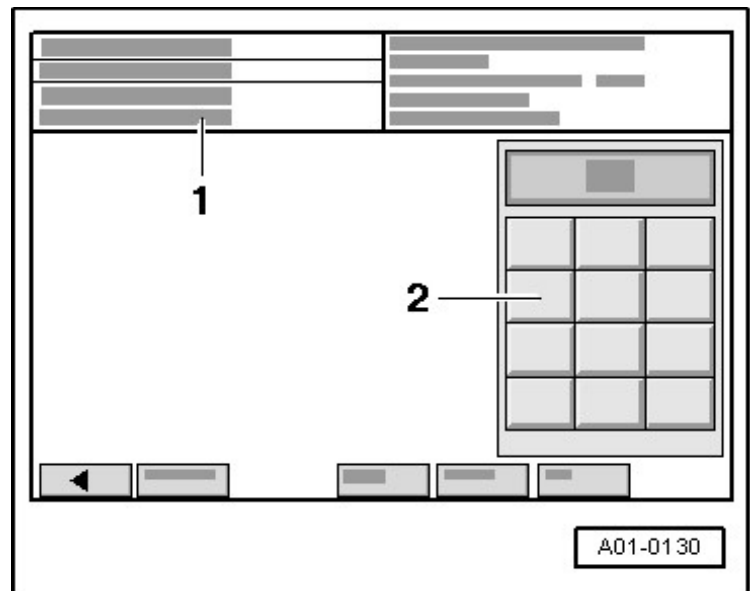


#### Adaption channel 19 - radio clock/dash panel insert illumination

This function permits adaption of radio clock and instrument illumination on dash panel insert replacement.

→ Readout on VAS 5051:

- 1 - Enter channel number
- - Use keypad -2- to enter "19" for "Adaption channel 19" and confirm by touching Q key.



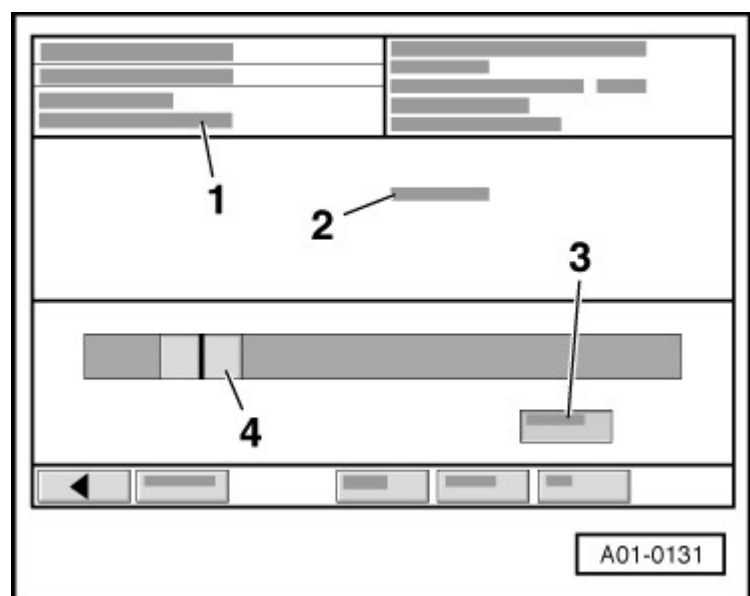
→ Readout on VAS 5051:

- 1 - Channel 19  
Read and test
- 4 - Slide bar positioned on current adaption value

Notes:

- ♦ Current adaption value for channel 19 can be read out as of model year 2002 in measured value block 019 => Page [01-63](#).
- ♦ Dash panel insert replacement => Page [01-142](#).

The radio clock display is adapted by the following input:



Radio clock					
X	X	X	X	0	No radio clock
X	X	X	X	1	With radio clock

Instrument illumination function can be adapted as of model year 2002 by entering the following values:

Instrument illumination					
0	X	X	X	X	Pointers and scales light with dipped beam "on"
1	X	X	X	X	Pointers light with ignition "on", scales light with dipped beam "on"
2	X	X	X	X	Scales light with ignition "on", pointers light with dipped beam "on"
3	X	X	X	X	Pointers and scales light with ignition "on"

- – Change adaption value by means of direct entry => "B - Changing adaption value by means of direct entry", Page [01-77](#).
- – Enter 5-digit adaption value. Use "0" to fill up blanks.

Example:

Desired input: 10001 for instrument illumination and radio clock

Keypad entry: 10001

Note:

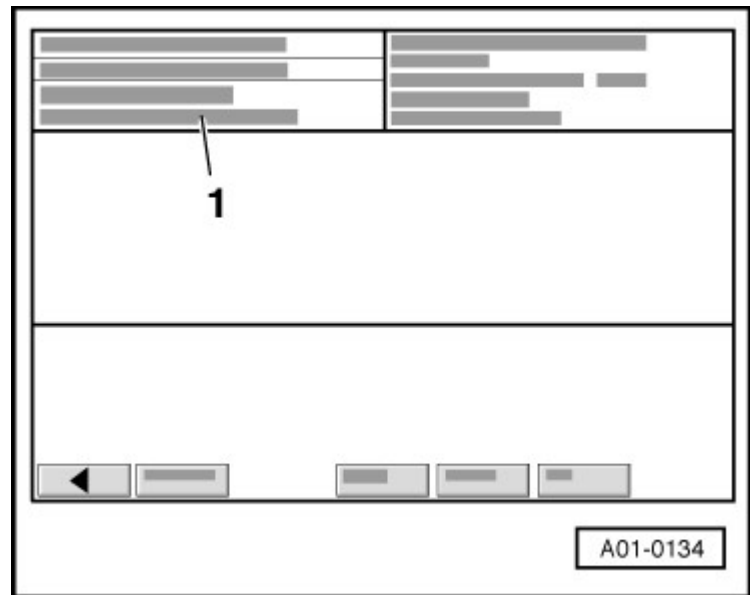
Fault message "Function unknown or

cannot be implemented at present" appears if an implausible value is entered.

→ Readout on VAS 5051 following adaption:

Example:

- 1 - Channel 19  
Value 10001 saved
- – Terminate function "10 - Adaption" by touching ◀ key.

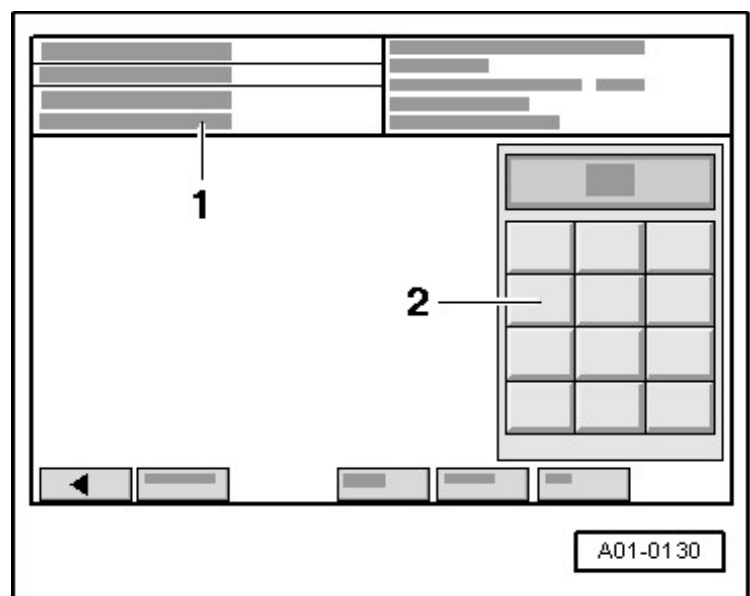


Adaption channel 30 - Correction of fuel gauge sender resistance range

This function can be used to shift the fuel gauge sender resistance range if dash panel insert display does not correspond to actual tank content.

→ Readout on VAS 5051:

- 1 - Enter channel number
- – Use keypad -2- to enter "30" for "Adaption channel 30" and confirm by touching Q key.



→ Readout on VAS 5051:

- 1 - Channel 30  
Read and test
- 2 - Fuel gauge sender
- 4 - Slide bar positioned on current adaption value 128

Notes:

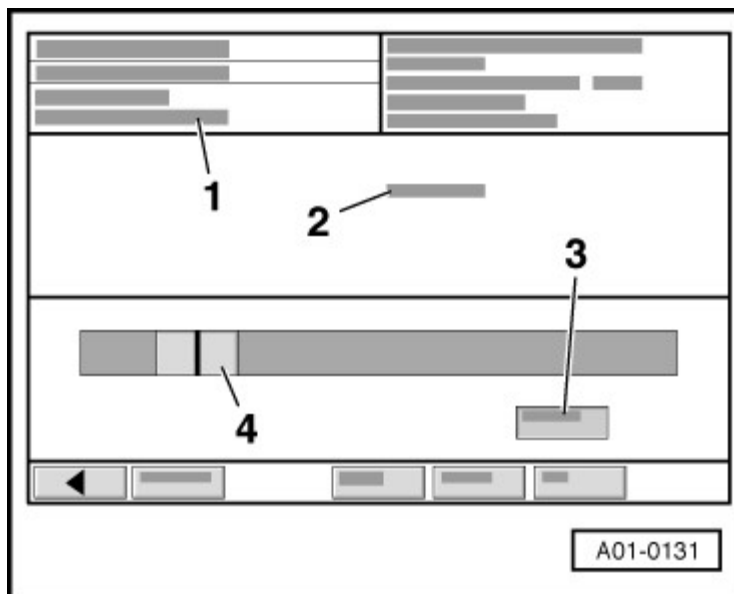
- ◆ The adaption value 128 represents the factory-set mean fuel gauge sender resistance range.
- ◆ The fuel gauge sender

resistance can be changed by  $\pm 8$  ohms to an adaption value of 120 ... 136.

- ◆ Dash panel insert replacement  
=> Page [01-142](#).
- – Use slide bar to change adaption value => "A - Changing adaption value with slide bar", Page [01-75](#).

Or

- – Change adaption value by means of direct entry => "B - Changing adaption value by means of direct entry", Page [01-77](#).
- – Enter 5-digit adaption value.  
Use "0" to fill up blanks.



Example:

Desired input: 132

Keypad entry: 00132

Note:

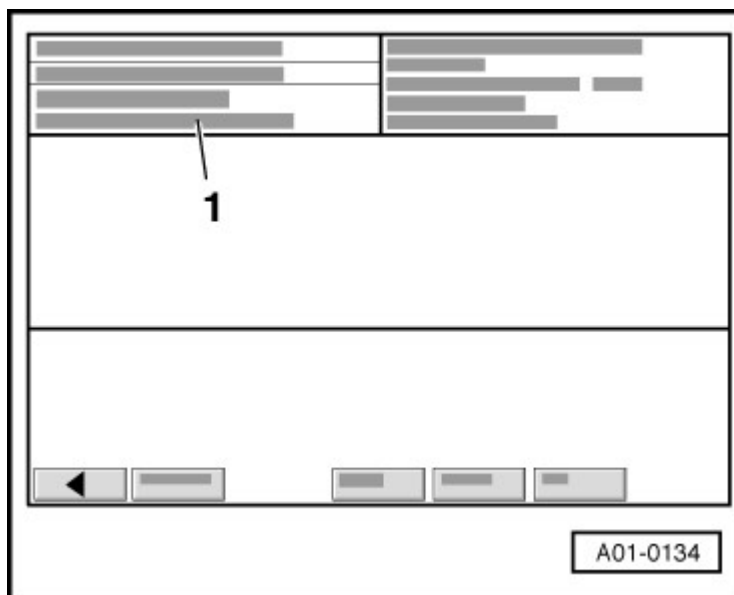
Fault message "Function unknown or cannot be implemented at present" appears if an implausible value is entered.

→ Readout on VAS 5051 following adaption:

Example:

- 1 - Channel 30  
Value 132 saved
- – Terminate function "10 - Adaption" by touching ◀ key.

Adaption channel 33 - Correction of fuel tank "full" indicator

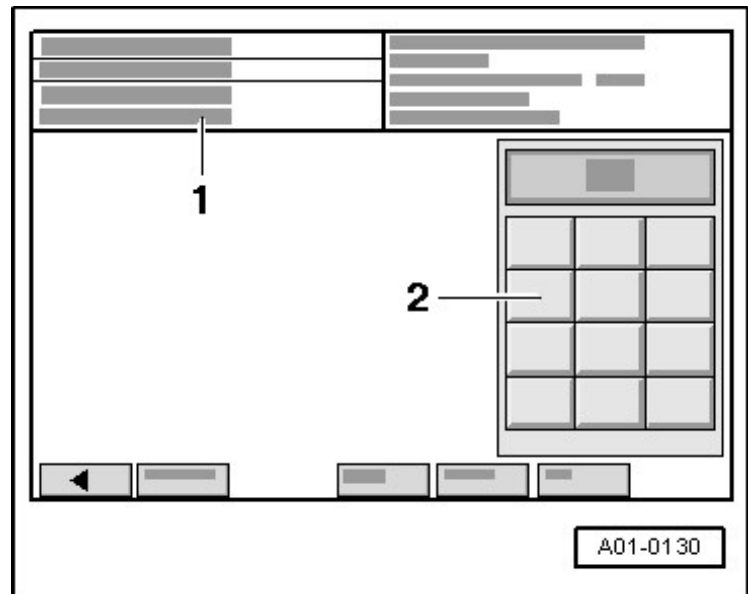


With this function, from MY 02 the fuel tank "Full" indicator can be corrected if the readout does not correctly show

"Full" when the tank is in fact full.

→ Readout on VAS 5051:

- 1 - Enter channel number
- – Use keypad -2- to enter "33" for "Adaption channel 33" and confirm by touching Q key.

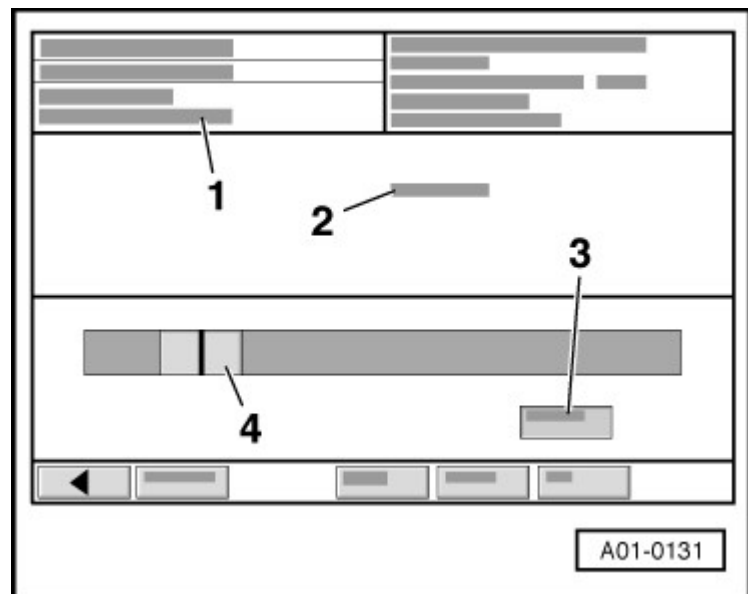


→ Readout on VAS 5051:

- 1 - Channel 33  
Read and test
- 4 - Slide bar positioned on current adaption value 128

Notes:

- ♦ The adaption value 128 corresponds to the factory-set value.
- ♦ The adaption can be changed between 112 ... 144.
- ♦ Dash panel insert replacement => Page [01-142](#).
- – Use slide bar to change adaption value => "A - Changing adaption value with slide bar", Page [01-75](#).



Or

- – Change adaption value by means of direct entry => "B - Changing adaption value by means of direct entry", Page [01-77](#).
- – Enter 5-digit adaption value. Use "0" to fill up blanks.

Example:

Desired input: 134

Keypad entry: 00134

Note:

Fault message "Function unknown or cannot be implemented at present" appears if an implausible value is entered.

→ Readout on VAS 5051 following adaption:

Example:

- 1 - Channel 33
  - Value 134 saved
- - Terminate function "10 - Adaption" by touching ◀ key.

