

## Reading measured value block

### Procedure

- Start automatic headlight range control self-diagnosis → **Chapter**.

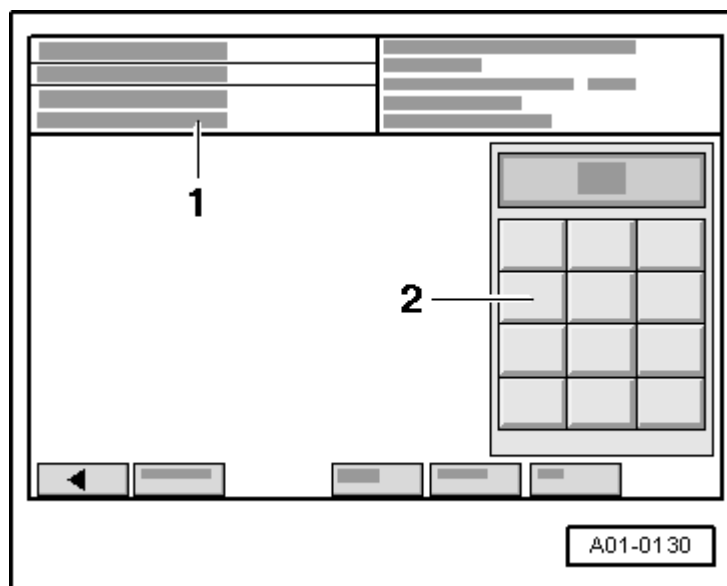
Display on -VAS 5051-:

- Select function “08 - Reading measured value block” from list -1-.



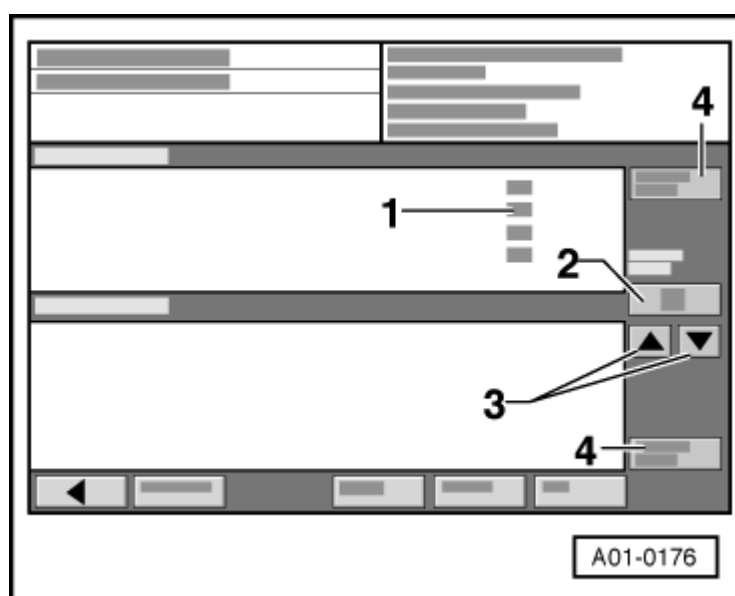
Display on -VAS 5051-:

- 1 - Enter display group
- Enter the required “display group number” using keypad -2-.
- ♦ Display group overview for vehicles with static automatic headlight range control → **Anchor**.
- ♦ Display group overview for vehicles with dynamic automatic headlight range control → **Anchor**.
- Confirm entry by touching key [Q].



Display on -VAS 5051-:

- 1 - Display zones 1 ... 4. If a display zone is not assigned, there is no display on this line.
- 2 - The display group selected is shown here
- 3 - By touching these keys you can switch to a different display group
- 4 - By touching these keys you can switch to a different function (e.g. from “Reading measured value block” to “Basic setting” and vice versa).
- Terminate function “08 - Reading measured value block” by touching [←] key.



**Display group overview for vehicles with static automatic headlight range control**

| <b>Display group 001</b> |          |                                      |
|--------------------------|----------|--------------------------------------|
| <b>Display zones</b>     |          | <b>Explanatory notes</b>             |
| 1                        | ... V    | Power supply terminal 15             |
| 2                        | ... V    | Dipped beam voltage via terminal 56b |
| 3                        | ... km/h | Vehicle speed                        |
| 4                        |          | Not used                             |

| <b>Display group 002</b> |       |                                                                                                                                                                                                          |
|--------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display zones</b>     |       | <b>Explanatory notes</b>                                                                                                                                                                                 |
| 1                        | ... V | Front left vehicle level sender -G78- voltage value<br><ul style="list-style-type: none"> <li>1.66 ... 3.45 V</li> </ul>                                                                                 |
| 2                        | ... V | Rear left vehicle level sender -G76- voltage value<br><ul style="list-style-type: none"> <li>1.66 ... 3.45 V</li> </ul>                                                                                  |
| 3                        | ...   | Activation of control motors<br><ul style="list-style-type: none"> <li>ADP. in progress (control motor actuation provides compensation for deviation)</li> <li>ADP. OK (default position set)</li> </ul> |
| 4                        |       | Not used                                                                                                                                                                                                 |

**Display group overview for vehicles with dynamic automatic headlight range control**

| <b>Display group 001</b> |                      |                                                                                                         |
|--------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| <b>Display zones</b>     |                      | <b>Explanatory notes</b>                                                                                |
| 1                        | ... V                | Power supply terminal 15                                                                                |
| 2                        | ...                  | Light switch<br><ul style="list-style-type: none"> <li>0 = Lights off</li> <li>1 = Lights on</li> </ul> |
| 3                        | ... km/h             | Vehicle speed                                                                                           |
| 4                        | ... m/s <sup>2</sup> | Acceleration<br><ul style="list-style-type: none"> <li>0 ... 7.00 m/s<sup>2</sup>)</li> </ul>           |

| <b>Display group 002</b> |       |                                                                                                                                               |
|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display zones</b>     |       | <b>Explanatory notes</b>                                                                                                                      |
| 1                        | ... V | Front left vehicle level sender -G78- voltage value (vehicle stationary)<br><ul style="list-style-type: none"> <li>1.56 ... 3.45 V</li> </ul> |
| 2                        | ... V | Rear left vehicle level sender -G76- voltage value (vehicle stationary)<br><ul style="list-style-type: none"> <li>0.5 ... 4.5 V</li> </ul>    |
| 3                        |       | Specification for control motors                                                                                                              |

|   |       |                                                                                                                                                                                    |
|---|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | ... % | <ul style="list-style-type: none"><li>• 0 ... 100 %</li></ul> Indicates by what percentage the headlight range control positioning motor spindle is extended at the "0" position.) |
| 4 | ... s | Time constant <ul style="list-style-type: none"><li>• 0 ... 2 s</li></ul> Indicates time after which headlights have attained 63% adjustment                                       |