



Audi A6 (4B) Model year 2003

Illumination of the headlight range adjustment control lamp in the cockpit

If there are complaints about the above-mentioned fault, the cause could be a defective headlight range adjustment control unit. In the case of vehicles with dynamic headlight range adjustment, fault 01535, "Triggering for servomotor for headlight range adjustment right-V49, short-circuit to earth", is also stored. In this case, the axle sensors and the cables to the control unit must be measured and/or checked for mechanical damage. The measurements can be carried out with most diagnostic testers e.g. under the menu item "Measured values/Parameters". There, the voltage values of the individual axle sensors can be checked (see Fig. 1). If, however, no faults are present, the headlight range adjustment control unit must be replaced.

Proceed as follows:

- Remove the glove box.
- Remove the screws (see Fig. 2, Items 3 and 4) from the holder for the headlight range adjustment control unit, and remove the mounting brackets (see Fig. 2, Item 2) from the body section.
- Separate the plug connection on the control unit.
- Remove the fastening bolts (see Fig. 2, Item 1), and remove the old control unit from the holder.
- Fasten the new control unit to the holder.
- Refit removed parts in reverse order.
- After installing the new control unit, the control position



of the headlights must be relearned. This, however, is possible only with a diagnostic tester.

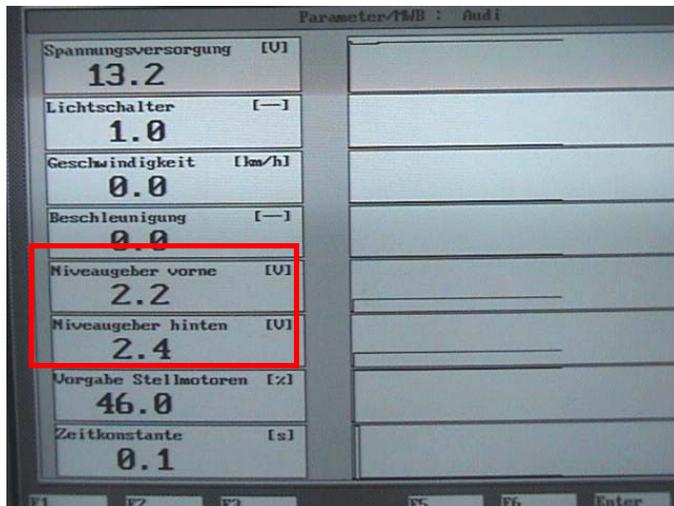


Fig. 1 ["Niveaugeber vorne" = "Level sensor front",
"Niveaugeber hinten" = "Level sensor rear"]

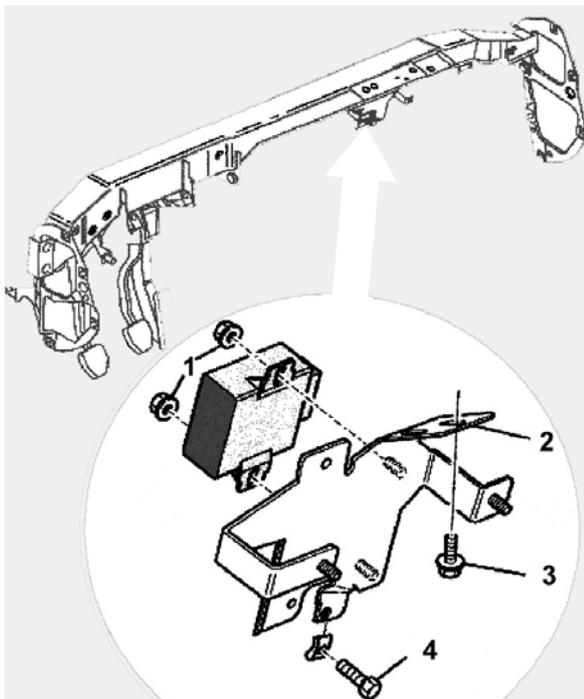


Fig. 2