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Autodiagnos Technical Bulletin

SYSTEM: Audi A4 / S4

TITLE: zero position of steering angle sender

BACKGROUND:

Zero position compensation for steering angle sender is necessary if control unit, steering angle sender or the steering column is replaced.

Zero position compensation for steering angle sender must be performed with an accuracy of 5 degrees.

ACTION:

- Start vehicle
- Turn steering wheel one turn to the right and one turn to the left.
- Perform short test drive on even surface in a straight line.
- Stop the vehicle and make sure the steering wheel is not moved
- Do not switch off ignition
- Enter 03-ABS
- Enter 11-Login 40168
- Select 04-Read data stream in basic setting
- Enter channel 60-62-64-69 (The newer the car the higher the channel)
- Compens. steering angle sens. ok, is displayed

NOTES:

If "function unknown" is displayed, the login number is incorrect.

If "Compens. Steering angle sens. disabled" is displayed the steering wheel has not been turned one to the right and one turn to the left.

If "Compens. steering angle sens. Not ok" is displayed, read and erase fault memory.

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