

Sensor for EVAP canister, checking

Checking function

- Use VAG 1551 scan tool to select "Read Measuring Value Block" function 08 and display group 030 ⇒ [page 01-249](#) .

Read measuring value block 30

1 2 3 4



Indicated on display

- Carry out test drive.

CAUTION!

Always use a second person to operate the VAG 1551 scan tool.

- Check value in display field 4.
Specified value: 0_11X

If display shows 0_00X

On Board Diagnostic program is not yet concluded.

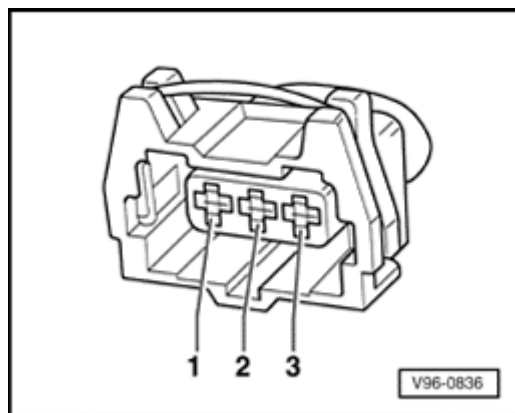
- Carry out test drive under conditions described in Repair Group 01, until display shows 0_11X.

If display shows 1_11X

This indicates how On Board Diagnostic recognizes a malfunction in the

fuel tank system.

- Check vacuum hose for leakage between EVAP canister and throttle body ⇒ [page 24-111](#) .



If vacuum hose is OK:

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- Remove harness connector from sensor for EVAP canister.
 - Switch multimeter (Fluke 83 or equivalent) to 20 volt range and connect between harness connector terminals 1 (GND) and 3 (B+).
 - Switch ignition ON.
- Specified value: approx. 5 volts

If the specified value is not obtained:

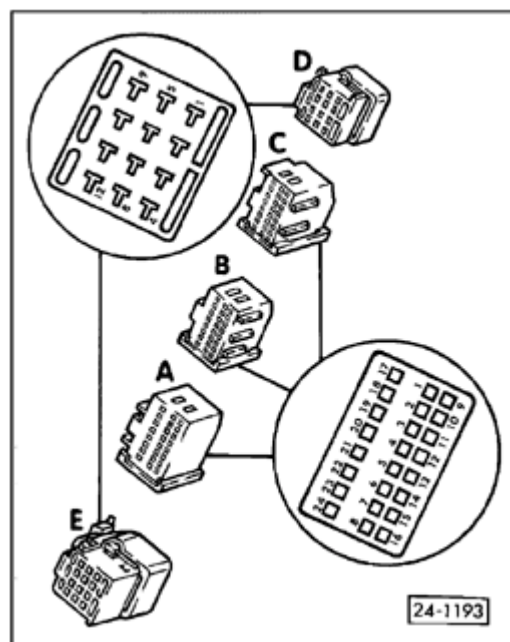
- Check wiring to ECM.

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- Connect VAG 1598/19 test box to ECM ⇒ [page 01-255](#) .
- Check following wiring connections for continuity.

Sensor -G172- connector terminal number	VAG 1598/19 test box socket number
1	C2
3	C6

- If necessary, eliminate open or short in wiring.



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If wiring is OK and there is not at least 5 volts at the sensor harness connector:

- Replace ECM ⇒ [page 01-265](#) .

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- Check wiring for continuity between harness connector and ECM.

Sensor -G172- connector terminal number	VAG 1598/19 test box socket number
2	B16

- If necessary, eliminate open or short in wiring.

If wiring is OK:

- Replace sensor for EVAP canister -G172-.

