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**VAT Registration No.:**

## Intake system

### Throttle position (TP) sensor

**NOTE:** Incorporated in throttle control unit. If removed or replaced, carry out basic setting using suitable diagnostic equipment.

#### Checking resistance - Fig. 7

| Technical Data |                     |                       |
|----------------|---------------------|-----------------------|
| Terminals      | Condition           | Resistance            |
| 4 & 7          | -                   | 1000 $\Omega$ approx. |
| 5 & 7          | Throttle closed     | 1500-1600 $\Omega$    |
| 5 & 7          | Throttle fully open | 700-900 $\Omega$      |

- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Check resistance between throttle control unit terminals.
- Operate throttle valve while checking resistance between terminals.
- Resistance change should be smooth.

#### Checking supply voltage - Fig. 8

| Technical Data |            |
|----------------|------------|
| Terminals      | Voltage    |
| 4 & 7          | 4,5 V min. |

- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Switch ignition ON.
- Check voltage between harness multi-plug terminals Fig. 8.
- If voltage not as specified: Check wiring.

**Manufacturer:** Skoda  
**Engine code:** AEE  
**Tuned for:** R-Cat

**Model:** Octavia 1,6  
**Output:** 55 (75) 4600  
**Year:** 1996-04

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## Closed throttle position (CTP) switch

**NOTE:** Incorporated in throttle control unit. If removed or replaced, carry out basic setting using suitable diagnostic equipment.

### Checking - Fig. 9

| Technical Data |                        |            |
|----------------|------------------------|------------|
| Terminals      | Condition              | Resistance |
| 3 & 7          | Throttle closed        | Zero       |
| 3 & 7          | Throttle slightly open | ∞          |

- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Check resistance between throttle control unit terminals.
- Operate throttle valve while checking resistance between terminals.

## Manifold absolute pressure (MAP) sensor

**NOTE:** Incorporates intake air temperature (IAT) sensor.

### Checking supply voltage - Fig. 10

| Technical Data |          |
|----------------|----------|
| Terminals      | Voltage  |
| 1 & 3          | 5 V min. |

- Ensure ignition switched OFF.
- Disconnect MAP sensor multi-plug.
- Switch ignition ON.
- Check voltage between harness multi-plug terminals.

### Checking operation - Fig. 11

| Technical Data |           |
|----------------|-----------|
| Terminals      | Voltage   |
| 1 & 4          | 0,5-1,2 V |

- Ensure ignition switched OFF.

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- Do not disconnect multi-plug. Access MAP sensor multi-plug terminals.
- Start engine.
- Allow to idle.
- Check voltage between multi-plug terminals.

## Intake air temperature (IAT) sensor

**NOTE:** Incorporated in manifold absolute pressure (MAP) sensor.

Checking - Fig. 12

| Technical Data |             |             |
|----------------|-------------|-------------|
| Terminals      | Temperature | Resistance  |
| 1 & 2          | 0°C         | 5500-6500 Ω |
| 1 & 2          | 20°C        | 2340-2680 Ω |
| 1 & 2          | 40°C        | 1000-1500 Ω |
| 1 & 2          | 60°C        | 550-600 Ω   |
| 1 & 2          | 80°C        | 290-330 Ω   |

- Ensure ignition switched OFF.
- Disconnect MAP sensor multi-plug.
- Check ambient air temperature.
- Check resistance between MAP sensor terminals.

## Idle speed control (ISC) actuator

**NOTE:** Incorporated in throttle control unit. If removed or replaced, carry out basic setting using suitable diagnostic equipment.

Checking - Fig. 13

| Technical Data |            |
|----------------|------------|
| Terminals      | Resistance |
| 1 & 2          | 3-200 Ω    |

- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Check resistance between throttle control unit terminals.

## Idle speed control (ISC) actuator position sensor

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**NOTE:** Incorporated in throttle control unit. If removed or replaced, carry out basic setting using suitable diagnostic equipment.

**Checking resistance - Fig. 14**

| Technical Data |                       |
|----------------|-----------------------|
| Terminals      | Resistance            |
| 4 & 7          | 1000 $\Omega$ approx. |
| 7 & 8          | 1200 $\Omega$ approx. |

**NOTE:** Resistance will depend on position of idle speed control (ISC) actuator.

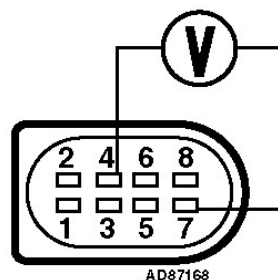
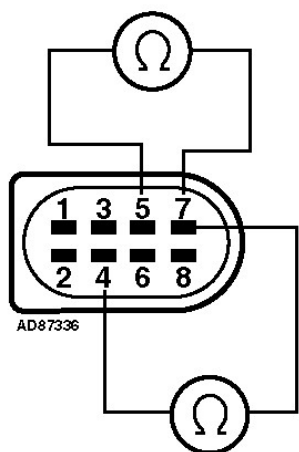
- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Check resistance between throttle control unit terminals.

**Checking supply voltage - Fig. 8**

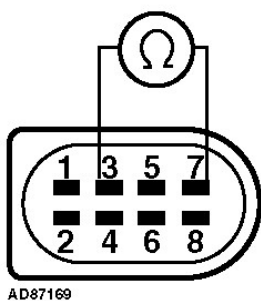
| Technical Data |            |
|----------------|------------|
| Terminals      | Voltage    |
| 4 & 7          | 4,5 V min. |

- Ensure ignition switched OFF.
- Disconnect throttle control unit multi-plug.
- Switch ignition ON.
- Check voltage between harness multi-plug terminals.
- If voltage not as specified: Check wiring.

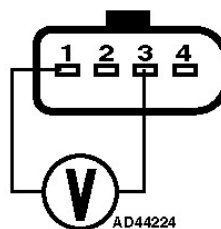
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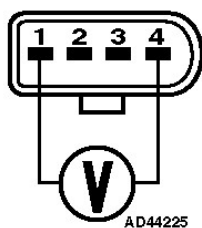
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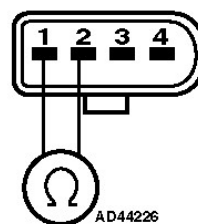
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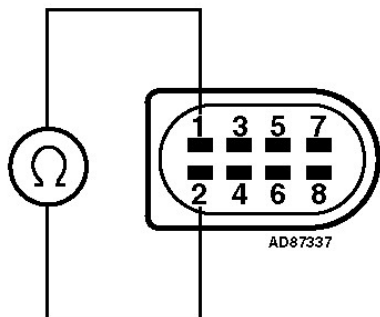


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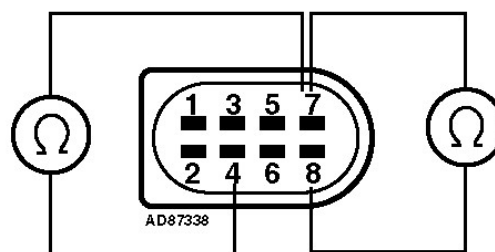
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