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<b>VIN</b>	WDD1714561A001234	<b>Model series/model designation</b>	209.356
<b>Order number</b>		<b>License plate</b>	

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Diagnosis of tumble flap 'Intake manifold' : Short or open circuit in sensor lines / Mechanical fault of one actuating lever / Sensor faulty, replace sensor.

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**Figure legend/figure****Picture 1 :**

- 22/9 ( Aneroid capsule for tumble flap switchover )

**Picture 2 :**

- 019 Vacuum tester

- 22/9 ( Aneroid capsule for tumble flap switchover )

**Test prerequisite :**

- Voltage supply is o.k.

**Test sequence :**

- Connect vacuum tester to component 22/9.

- Switch on ignition.

- Use the vacuum tester to set a vacuum of approx. 400 mbar.

**Status of the relevant actual values:**

B28/10 (Right intake manifold tumble flap position sensor) : Hall sensor: 12.35 V

B28/9 (Left intake manifold tumble flap position sensor) : Hall sensor: 12.35 V

**Specified values :**

- The linkage for the tumble flap visibly moves. ( See arrow )

**Specified values of Hall sensors :**

- Voltage : NOT OPERATED [4.8...5.3] V

- Voltage : OPERATED [0.0...0.5] V

**Question :**

Are the actual values o.k.?

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**Filename:** F:\Programme\Das\trees\pkw\motorott\me97\ps\b28\_x.s

**Cell co-ordinate:** 7 , 8