
VIN	WDD1714561A001234	Model series/model designation	203.052
Order number		License plate	

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

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.?

Filename: F:\Programme\Das\trees\pkw\motorott\me97\ps\b28_x.s

Cell co-ordinate: 7 , 8