



## 9.2 Traction Systems (ASR, ETS)

### Diagnosis - Function Test (ASR only)

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 1.0 Brake torque control circuit	<p>Lift rear of vehicle so that both rear wheels can be rotated freely.</p> <p> <b>Secure vehicle!</b></p> <p>Engine: <b>at Idle</b></p> <p>Selector lever in transmission range "D".</p> <p>Apply WOT using accelerator pedal.</p> <p> <b>CAUTION!</b></p> <p>Should ASR not come into effect: Release accelerator pedal to idle speed.</p>	<p>The rear wheels are noticeably braked; simultaneously the return/pressure pump can audibly be heard operating. Engine speed is reduced to approx. 1000 rpm. The ASR warning lamp (A1e21) will blink.</p>	<p>23, DM, Engines, Vol. 3, section 6.4.</p>
⇒ 2.0 Switching off ASR using ASR OFF switch (S76/5)	<p>Engine: <b>at idle</b></p> <p>Selector lever in transmission range "N".</p> <p>Press ASR Off switch (S76/5).</p> <p>Selector lever in transmission range "D".</p> <p>Slowly press on accelerator pedal.</p>	<p>The ASR warning lamp (A1e21) will remain on.</p> <p>The engine speed will not be reduced. The rear brakes will not be applied. The ASR warning lamp (A1e21) will blink.</p>	<p>23⇒ 31.1</p>

<sup>1)</sup> Observe Preparation for Test