




Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
<p>⇒ 1.0 Brake torque control circuit</p>	<p> <b>Test cables are not to be hooked up to the HHT while performing function tests.</b></p> <p>Lift rear of vehicle so that both rear wheels can be rotated freely.</p> <p> <b>Secure vehicle !</b>                      Engine: <b>at Idle</b>                      Selector lever in transmission range “D”.                      Apply WOT using accelerator pedal.</p> <p> <b>CAUTION!</b>                      Should ASR not come into effect:                      Release accelerator pedal to idle speed.</p>	<p>The rear wheels are noticeably braked; simultaneously the high-pressure/return pump can audibly be heard operating. Engine speed is reduced to approx. 1000 rpm. The ESP warning lamp blinks.</p>	<p>23, DM, Engines, Vol. 4, section 9.</p>
<p>⇒ 2.0 ESP off function using ESP OFF switch (S76/6)</p>	<p>Engine: <b>at Idle</b>                      Selector lever in “N”.                      Press ESP OFF switch (S76/6).</p> <p>Selector lever in transmission range “D”.                      Slowly depress accelerator pedal.</p>	<p>The ESP warning lamp illuminates.</p> <p>Engine speed is not reduced. The rear wheels are not braked. The ESP warning lamp blinks.</p>	<p>23 ⇒ 25.0</p>

1) Observe Preparation for Test, see 22.