

Diagnosis – Function Test

 **WARNING: Risk of Personal Injury!**

MOVING COMPONENTS

When working on components which are moved by hand, by electric motor, by hydraulic or pneumatic means via a connecting mechanism, severe injury may be sustained as a result of severing, trapping or crushing of limbs.

During work in the area of the roll bar, there is a risk of serious injury should the roll bar suddenly deploy.

Extend the roll bar before working in the roll bar area. Keep parts of your body away from the range of travel of roll bar mechanism.

Refer to Hydraulic Test Program, 33/4; for additional important safety warnings and precautions.

HYDRAULIC SYSTEMS

Serious injuries can be caused to the skin or eyes from high pressure hydraulic fluid spray.

Before performing work on hydraulic system, depressurize the system and wear protective clothing and safety glasses.

Refer to Hydraulic Test Program, 33/4; for additional important safety warnings and precautions.

PREREQUISITS FOR PERFORMING FUNCTION TEST:

Battery voltage 11-14 V.

Fuses OK.

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Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
<p>⇒ 1.0 Opening soft top with power soft top switch (S84)</p>	<p>Ignition: ON Soft top: CLOSED Soft top cover in trunk: ATTACHED Trunk lid: CLOSED,</p> <p>Unlock soft top manually</p> <p>Press power soft top switch (S84) towards "OPEN SOFT TOP" and keep pressed.</p>	<p>Note: If S84 is released, the soft top opening process is interrupted immediately (stop operation).</p> <p>All side windows move down</p> <p>The indicator lamp in S84 comes on, the rollover bar is lowered. The indicator lamp in soft top switch comes on until the soft top compartment cover is locked. If the rollover bar was extended before the power soft top was operated, then it is extended again automatically after the soft top is opened (to do this, keep the S84 switch operated). Once the opening process is complete an acoustic signal from the roof control unit control module (N70) sounds for 1 second.</p>	<p>13</p>

1) Observe Preparation for Test, see 22.

Diagnosis – Function Test

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 2.0 Closing soft top with power soft top switch (S84)	<p>Soft top: CLOSED Soft top cover in trunk: ATTACHED Trunk lid: CLOSED Ignition: ON</p> <p>Press power soft top switch (S84) towards "CLOSE SOFT TOP" and keep pressed.</p>	<p>Note: If S84 is released, the soft top opening process is interrupted immediately (stop operation).</p> <p>The indicator lamp in S84 comes on starting when the operating button is pressed until the soft top is locked (manually).</p> <p>All side windows move down.</p> <p>If the rollover bar is extended before the soft top is closed, it is lowered during the soft top closing process. Once the automatic closing process is complete, e.g. before manual locking, an acoustic signal from the roof control unit control module (N70) sounds for 1 second.</p>	⇒13
⇒ 3.0 Acoustic warning signal in the roof control unit control module (N70)	<p>Soft top or soft top compartment cover: UNLOCKED When vehicle starts to move:</p>	An acoustic warning signal from the roof control unit control module (N70) sounds for 10 seconds.	⇒13

¹⁾ Observe Preparation for Test, see 22.