


Diagnosis – Recalling Actual Values with HHT

The following tests or activations are possible with the **Hand-Held Tester**

Prerequisite for recalling the actual values


1. Fuses in order.
2. Battery voltage > 11 V.
3. Connect HHT according to connection diagram, see section 0.

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Actual Value 	Activation	Test step/Remedy ¹⁾
01	Right soft top compartment cover "locked" switch (A25s2)	23 ⇒ 4.0
02	Soft top compartment "open" switch (S84/5)	23 ⇒ 10.0
03	Left soft top fabric bow "closed" switch (A22s1)	23 ⇒ 7.0
04	Left soft top fabric bow "locked" switch (A22s2)	23 ⇒ 5.0
05	Right soft top fabric bow "locked" switch (A23s2)	23 ⇒ 6.0
06	Soft top fabric bow "raised" switch (S84/6)	23 ⇒ 11.0
07	Soft top "closed" switch (reed contact) (S84/4)	23 ⇒ 13.0
08	Soft top "open" switch (S84/3) (soft top in storage compartment)	23 ⇒ 12.0
09	Roll bar "retracted" switch (S83/1)	23 ⇒ 14.0
10	Left front soft top "locked" switch (S84/1)	23 ⇒ 8.0
11	Right front soft top "locked" switch (S84/2)	23 ⇒ 9.0
12	Left door actuator (S47), right front door actuator (S48), trunk lid lock actuator (S49)	23 ⇒ 37.0
13	Left front door "window down" limit switch (S21/9) as of 12/94 left rotary tumbler microswitch (S86s2)	23 ⇒ 15.0 23 ⇒ 40.0
14	Right front door "window down" limit switch (S21/8) as of 12/94 right rotary tumbler microswitch (S87s2)	23 ⇒ 16.0 23 ⇒ 41.0
15	ATA/convenience microswitch	23 ⇒ 38.0


¹⁾ Observe Preparation for Test, see 22.

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Actual Value 	Activation	Test step/Remedy ¹⁾
16	Left power window switch (S21/1)	23 ⇒ 24.0
17	Right power window switch (S21/2)	23 ⇒ 25.0
18	Power soft top switch (S84)	23 ⇒ 18.0
19	Roll bar switch (S83)	23 ⇒ 19.0
20	RST/RB hydraulic unit (A7/5), Right power soft top valve block, RB “lower” valve (Y56/1y2)	23 ⇒ 3.0, 3.3, 34.0, 36.0
21	Right power soft top valve block, RB “raise” valve (Y56/1y3)	23 ⇒ 35.0
22	Left power soft top valve block, soft top “closed”/fabric bow lock “open” valve (Y55/1y1)	23 ⇒ 31.0
23	Right power soft top valve block, soft top “open”/front lock “open” valve (Y56/1y1)	23 ⇒ 30.0
24	Left power soft top valve block, fabric bow “open”/soft top compartment cover “closed” valve (Y55/1y3)	23 ⇒ 32.0
25	Left power soft top valve block, fabric bow “closed” valve (Y55/1y2)	23 ⇒ 33.0
26	Left power soft top valve block, soft top compartment cover “open”/lock “open” valve (Y55/1y4)	23 ⇒ 29.0
27	Left power window activation	23 ⇒ 20.0, 24.0, 26.0
28	Right power window activation	23 ⇒ 21.0, 25.0, 27.0
29	RST/RB hydraulic unit, overload protection thermocouple (A7/5b1)	23 ⇒ 36.0

¹⁾ Observe Preparation for Test, see 22.

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Actual Value 	Activation	Test step/Remedy ¹⁾
30	Vehicle speed	23 ⇒ 22.0, 23.0
31	VSS signal status (ABS)	23 ⇒ 23.0
32	Circuit 15	23 ⇒ 2.0
33	Maintenance ground signal	(1) check connector X11/12.
34	Left front window position (Hall-effect sensor) ²⁾	Replace M10/3 (SMS, Job No. 82-600).
35	Right front window position (Hall-effect sensor) ²⁾	Replace M10/4 (SMS, Job No. 82-600).

1) Observe Preparation for Test, see 22.

2) As of 12/94.