

Diagnosis – Recalling Actual values with HHT

The following tests and activations are possible via the Hand-Held Tester.

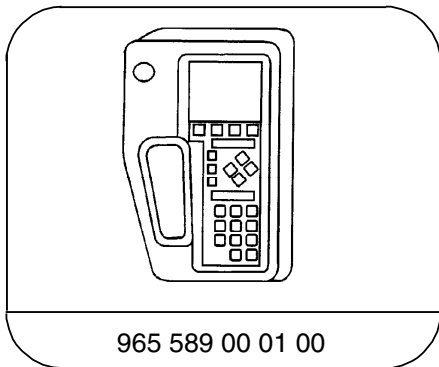
Preparation for Test

1. Fuse F1–22, and F4–1, F4–2, F4–3, F4–4 ok,
2. Battery voltage 11 – 14 V.
3. Ignition: **ON**
4. Connect the Hand-Held Tester (HHT) to X11/4, according to diagram, see section 0.

CAUTION!

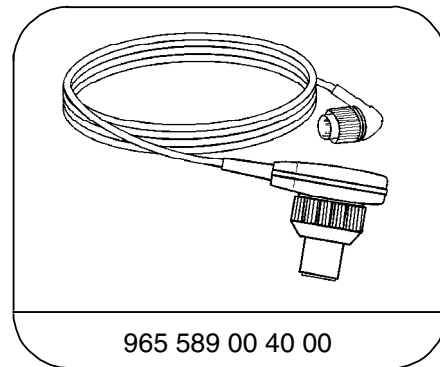
Erasing the Convenience Feature (CF) DTC memory, will also erase the DTC memory for the Combination Control Module (N10-1) and Mirror, steering column adjustment, heated mirrors (MSC).

Special Tools



965 589 00 01 00


Hand-Held-Tester



965 589 00 40 00


Test cable

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Actual value 	Possible cause	Test step/Remedy ¹⁾
	Circuit 15R	23 ⇒ 4.0
	Circuit 15	23 ⇒ 4.0
03	Central locking	23 ⇒ 40.0
04	Safety opening	23 ⇒ 40.0
05	Left front power window switch (S21s1)	23 ⇒ 21.0, 22.0
06	Left front power window motor close relay	23 ⇒ 32.0
07	Left front power window motor open relay	23 ⇒ 32.0
08	Right front power window switch (S21s2)	23 ⇒ 23.0, 24.0
09	Right front power window motor close relay	23 ⇒ 34.0
10	Right front power window motor open relay	23 ⇒ 34.0
11	Left rear power window switch (S21s3, S21/3),	23 ⇒ 25.0, 26.0


¹⁾ Observe Preparation for Test, see 22.

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Actual value 	Possible cause	Test step/Remedy ¹⁾
12	Left rear power window motor close relay	23 ⇒ 36.0
13	Left rear power window motor open relay	23 ⇒ 36.0
14	Right rear power window switch (S21s4, S21/4)	23 ⇒ 27.0, 28.0
15	Right rear power window close relay	23 ⇒ 38.0
16	Right rear power window motor open relay	23 ⇒ 38.0
17	Sliding/pop-up roof switch (S13/2): open	23 ⇒ 11.0, 14.0
18	Pop-up roof switch (S13/2): open	23 ⇒ 11.0, 16.0
19	Sliding/pop-up roof switch (S13/2): close	23 ⇒ 11.0, 12.0, 18.0
20	Sliding/pop-up roof closed	23 ⇒ 19.0
21	Activation: close pop-up roof, open sliding roof, combination control module output (N10-1).	23 ⇒ 13.0, 15.0

¹⁾ Observe Preparation for Test, see 22.

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Actual value 	Possible cause	Test step/Remedy ¹⁾
22	Activation: open pop-up roof, close sliding roof, combination control module output (N10-1).	23 ⇒ 17.0, 19.0
23	Lock switch signal: Unlock from RCL control module (N54).	23 ⇒ 40.0
24	lock switch signal: Lock from RCL control module (N54).	23 ⇒ 40.0

¹⁾ Observe Preparation for Test, see 22.