

### Diagnosis – Diagnostic Trouble Code (DTC) Memory (CF)

#### Preparation for Test:

1. Fuse F1–22, and F4–3 ok,
2. Connect the Hand-Held Tester (HHT) to X11/4, according to diagram, see section 0.

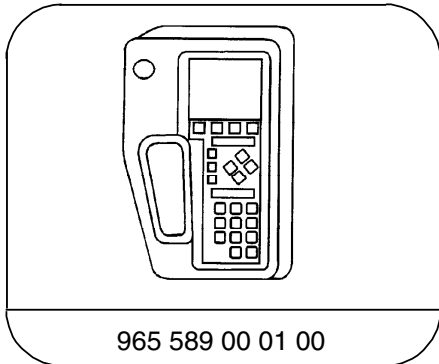


The diagnostic trouble codes (DTC's) can only be read out and erased **using the Hand-Held Tester (HHT).**

#### CAUTION!

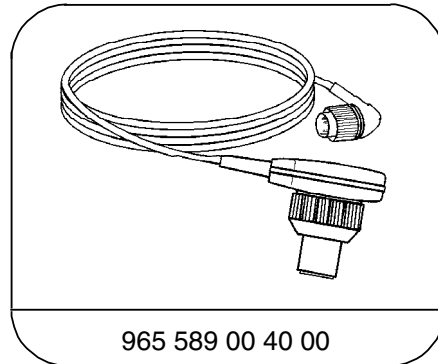
Erasing the Convenience Feature (CF) DTC memory, will also erase the DTC memory for the Combination Control Module (N10-1) and Mirror, steering column adjustment, heated mirrors (MSC).

#### Special Tools



965 589 00 01 00


Hand-Held-Tester



965 589 00 40 00


Test cable

#### Diagnosis – Diagnostic Trouble Code (DTC) Memory (CF)

DTC 	Possible cause	Test step/Remedy <sup>1)</sup>
B1000	Combination control module (N10-1) defective.	–
B1010	Circuit 30E, voltage < 9 V	23 ⇒ 3.0
B1011	Circuit 30E, voltage > 15 V	23 ⇒ 3.0
B1013	Circuit 15R, voltage supply missing at circuit 15.	23 ⇒ 4.0
B1016	Circuit 31A, voltage supply or combination control module (N10-1).	23 ⇒ 1.0
B1017	Circuit 31B, voltage supply or combination control module (N10-1).	23 ⇒ 2.0
B1024	CAN data line LOW or combination control module (N10-1).	23 ⇒ 10.0
B1025	CAN data line HIGH or combination control module (N10-1).	23 ⇒ 9.0, 10.3
B1100	Lock switch circuit SN1/SN2 from combination control module (N10-1) ΓΓ–	23 ⇒ 40.0
B1118	Sliding/pop-up roof switch (S13/2) ( <b>open</b> ), switch stuck or wire ΓΓ+	23 ⇒ 11.0, 12.0, 14.0, 16.0, 18.0


1) Observe Preparation for Test, see 22.

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DTC 	Possible cause	Test step/Remedy <sup>1)</sup>
B1120	Left front power window switch (S21s1) ( <b>open</b> ), switch stuck or wire ΓΓ–	23 ⇒ 21.0, 22.0
B1121	Left front power window switch (S21s1) ( <b>open</b> ), switch stuck or wire ΓΓ–	23 ⇒ 23.0, 24.0
B1122	Left rear power window switch (S21/3) ( <b>open</b> ), switch stuck or wire ΓΓ–	23 ⇒ 25.0, 26.0
B1123	Right rear power window switch (S21/4) ( <b>open</b> ), switch stuck or wire ΓΓ–	23 ⇒ 27.0, 28.0
B1400	Left front power window motor (M10/3) or circuit 30A or combination control module (N10-1).	23 ⇒ 32.0, 33.0
B1401	Right front power window motor (M10/4) or circuit 30A or combination control module (N10-1).	23 ⇒ 34.0, 35.0
B1402	Left rear power window motor (M10/5) or circuit 30B or combination control module (N10-1).	23 ⇒ 36.0, 37.0
B1403	Right rear power window motor (M10/6) or circuit 30B or combination control module (N10-1).	23 ⇒ 38.0, 39.0

<sup>1)</sup> Observe Preparation for Test, see 22.

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DTC 	Possible cause	Test step/Remedy <sup>1)</sup>
B1404	Sliding/pop-up roof microswitch (M12/1s1/s2/s4) (“open“, “up“, “close“) wire Γ1-, Γ1+ or combination control module (N10-1).	23 ⇒ 13.0, 15.0
B1405	Sliding/pop-up roof microswitch (M12/1s1/s3) (“open“, “down“) wire Γ1-, Γ1+ or combination control module (N10-1).	23 ⇒ 13.0, 17.0, 19.0
B1406	Left/right, front/rear door switches (S17/3, S17/4, S17/5, S17/6) wire Γ1+ or combination control module (N10-1).	23 ⇒ 5.0 – 8.0

1) Observe Preparation for Test, see 22.