

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

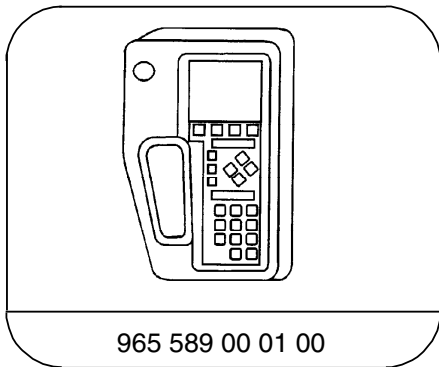
Preparation for Test:

1. Check Fuse F1–22, and F4–3 ok,
2. Check fuse F4–8, F4–9 (for left front ESA control module (N32/1).
3. Check fuse F4–13, F4–14 (for right front ESA control module (N32/2).
4. Connect the Hand-Held Tester (HHT) to X11/4, according to diagram, see section 0.



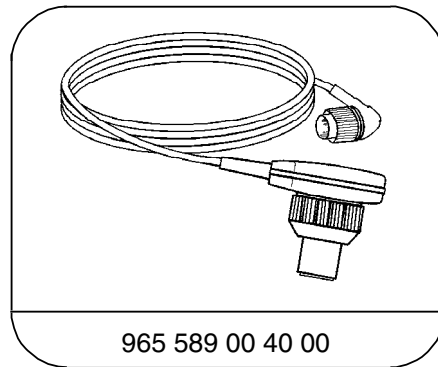
The diagnostic trouble codes (DTC's) can only be read out and erased via the Hand-Held-Tester.

Special Tools



965 589 00 01 00


Hand-Held-Tester



965 589 00 40 00


Test cable

Diagnosis – Diagnostic Trouble Code (DTC) Memory (ESA)

DTC 	Possible cause	Test step/Remedy ¹⁾
B1000	Combination control module (N10-1) defective.	–
B1001	Left/right front ESA control modules (N32/1, N32/2)	–
B1010	Low voltage, < 10 V (N10-1)	–
B1011	Excess voltage, >15.5 V (N10-1)	–
B1012	Low voltage, < 10 V (N32/1, N32/2)	–
B1015	Circuit 30C	D.M., Body and Accessories, Volume 1, 2.1, 23 ⇒ 4.0
B1017	Circuit 31B	D.M., Body and Accessories, Volume 1, 2.1, 23 ⇒ 5.0
B1022	Left front power seat does not communicate on CAN data line Left front ESA control module (N32/1)	23 ⇒ 1.0, 21.0, 22.0, 23.0, 24.0, 25.0
B1023	Right front power seat does not communicate on CAN data line Right front ESA control module (N32/2)	23 ⇒ 1.0, 21.0, 22.0, 23.0, 24.0, 25.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Diagnostic Trouble Code (DTC) Memory (ESA)

DTC 	Possible cause	Test step/Remedy ¹⁾
B1024	Interior CAN Low	23 ⇒ 22.0, 24.0, 25.0
B1025	Interior CAN high	23 ⇒ 21.0, 23.0, 25.0
B1111	Backrest switch harness Γ1-	23 ⇒ 2.0, 12.0, 13.0
B1112	Front head restraint adjustment and height adjustment harness Γ1-	23 ⇒ 2.0, 15.0, 16.0
B1113	Rear fore/aft adjustment and height adjustment harness Γ1-	23 ⇒ 2.0, 3.0, 4.0
B1114	Steering column adjustment harness Γ1-	23 ⇒ 6.0, 7.0, 9.0, 10.0
B1200	Hall-sensor for fore/aft motor (M27m1)	23 ⇒ 5.0
B1201	Hall-sensor for front raise/lower motor (M27m3)	23 ⇒ 8.0
B1202	Hall-sensor for rear raise/lower motor (M27m2)	23 ⇒ 11.0
B1203	Hall-sensor for head restraint raise/lower motor (M27m4)	23 ⇒ 17.0
B1204	Hall-sensor for backrest fore/aft motor (M27m5)	23 ⇒ 14.0

¹⁾ Observe Preparation for Test, see 22.