

Diagnosis – Recalling Actual Values with HHT

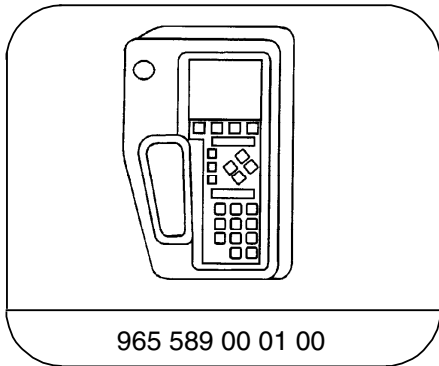
Preparation for recalling actual values:

1. Fuses 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.



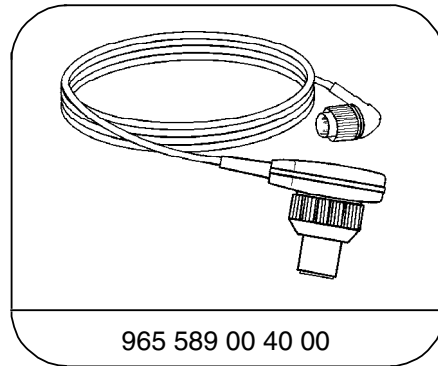
The diagnostic trouble codes (DTC's) can only be read out and erased **using the Hand-Held Tester (HHT).**

Special Tools



965 589 00 01 00


Hand-Held-Tester



965 589 00 40 00


Test cable

Diagnosis – Actual Values

Actual Value 	Possible cause	Test step/Remedy ¹⁾
01	Fore/aft switch (S91s1, S92s1)	23 ⇒ 3.0
02	Rear raise/lower switch (S91s2, S92s2)	23 ⇒ 9.0
03	Backrest fore/aft switch (S91s5, S92s5)	23 ⇒ 12.0
04	Head restraint raise/lower switch (S91s4, S92s4)	23 ⇒ 15.0
05	Memory button 1 switch (S91s6) (with memory button [S91s9]), S92s9 store memory	23 ⇒ 18.0
06	Memory button 1 switch (S91s6, S92s6) recall memory	23 ⇒ 18.0
07	Memory button 2 switch (S91s7) (with memory button [S91s9]), S92s9 store memory	23 ⇒ 18.0
08	Memory button 2 switch (S91s7, S92s7) recall memory	23 ⇒ 18.0
09	Memory button 3 switch (S91s8) (with memory button [S91s9]), S92s9 store memory	23 ⇒ 18.0
10	Memory button 3 switch (S91s8, S92s8) recall memory	23 ⇒ 18.0
11	Memory store button switch (S91s9, S92s9), pressed	23 ⇒ 18.0
12	Circuit 15R	D.M., Body and Accessories Volume 1, 2.1, 23 ⇒ 3.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Actual Values

Actual Value 	Possible cause	Test step/Remedy ¹⁾
13	Circuit 15	D.M., Body and Accessories Volume 1,2.1, 23 ⇒ 2.0
14	Left front door	D.M., Body and Accessories Volume 2, 5.2, 23 ⇒ 5.0
15	Right front door	D.M., Body and Accessories Volume 2, 5.2, 23 ⇒ 6.0
16	Hall-sensor for fore/aft motor (M27m1, M28m1)	23 ⇒ 5.0
17	Hall-sensor for rear raise/lower motor (M27m2, M28m2)	23 ⇒ 11.0
18	Hall-sensor for backrest fore/aft motor (M27m5, M28m5)	23 ⇒ 14.0
19	Hall-sensor for front raise/lower motor (M27m3, M28m3)	23 ⇒ 8.0
20	Hall-sensor for head restraint raise/lower motor (M27m4, M28m4)	23 ⇒ 17.0

1) Observe Preparation for Test, see 22.