

Diagnosis - Diagnostic Trouble Code (DTC) Memory (CCM)

Preparation for Test

1. All fuses 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).

Model 210 Combination control module (N10-1)

Model 170 Combination control module (N10-3)

Note regarding Diagnostic Trouble Codes (DTC`s):

Current diagnostic trouble codes are highlighted in black on the display. Additional detailed fault information based on fault type is displayed with nearly all diagnostic codes (DTC`s) such as:

- > Ω Resistance too great
- < Ω Resistance too low
- Γ⊥ Short circuit to ground (GND)
- Γ⊥+ Short circuit to positive (POS)
- /- Open circuit

With some fault codes, additional information as well as fault frequency can be read out.

Fault frequency

Faults are noted by frequency of occurrence, i.e.: 4 periodic faults, 4 occurrences.



CAUTION!

Model 210

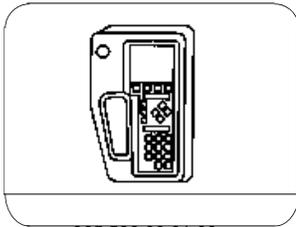
Erasing the Combination Control Module (N10-1) DTC memory, will also erase the DTC memory for the Convenience Feature (CF) and Mirror, steering column adjustment, heated mirrors (MSC).

Model 170

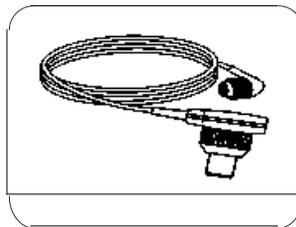
Erasing the Combination Control Module (N10-1) DTC memory, will also erase the DTC memory for the Convenience Feature (CF) and Retractable Hard Top (RHT).

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Special Tools



965 589 00 01 00



965 589 00 40 00

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DTC	Possible cause	Test step/Remedy ¹⁾
B1000	Combination control module (N10-1 or N10-3).	-
B1010	Circuit 30E, voltage < 9 V	-
B1011	Circuit 30E, voltage > 15 V	-
B1013	Circuit 15R voltage supply missing at circuit 15.	□23 ⇒ 2.0, 3.0
B1014	Circuit 49 travel direction, has no voltage at circuit 15.	□23 ⇒ 26.0
B1021	CAN data line communication with PSE interrupted.	D. M., Body and Accessories, Vol. 2, 5.3 □23 ⇒ 9.0, 10.0
B1024	CAN data line LOW or combination control module (N10-1 or N10-3).	D. M., Body and Accessories, Vol. 2, 5.3 □23 ⇒ 9.0, 10.0
B1025	CAN data line HIGH or combination control module (N10-1 or N10-3).	D. M., Body and Accessories, Vol. 2, 5.3 □23 ⇒ 9.0, 10.0
B1115	Rear window defroster switch >25 s, Γ⊥+	□23 ⇒ 22.0
B1217	Non-USA vehicles only, continue to next test step.	
B1406	Dome lamp control wire Γ⊥+ from combination control module (N10-1 or N10-3) or N10-1 or N10-3.	□23 ⇒ 18.0
B1407	Entrance/exit lamp wiring Γ⊥+ or combination control module (N10-1)	□23 ⇒ 17.0

¹⁾ Observe Preparation for Test, see □22.