

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

Preliminary work:	
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#### Prerequisite for reading DTC memory

1. Fuses O. K.
2. Battery voltage > 11 V.
3. Connect HHT according to connection diagram, see section 0.




Erasing Retractable Hardtop (RH) DTC will also automatically erase Combination Control Module (CCM) DTC from memory.

#### Note regarding DTCs

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:


- >  $\Omega$  resistance too great
- <  $\Omega$  resistance too low
- $\Gamma$  + short circuit to positive (POS)
- $\Gamma$  - short circuit to ground (GND)
- //- open circuit

## Diagnosis – Diagnostic Trouble Code (DTC) Memory

DTC 	Possible cause	Test step/Remedy <sup>1)</sup>
B1000	Combination control module (N10-3) defective	Replace (N10-3).
B1010	Low voltage terminal 30E < 10V	23 ⇒ 1.0
B1011	High voltage terminal 30E > 15V	23 ⇒ 1.0
B1016	Faulty ground terminal 31A (front power windows and interior lights inoperable)	23 ⇒ 2.0
B1017	Faulty ground terminal 31B (rear power windows inoperable)	23 ⇒ 5.0
B1120	Left front power window switch (S21/1) (front center console) stuck or wire Γ1- (short to grnd)	23 ⇒ 20.0
B1121	Right front power window switch (S21/2) (front center console) or wire Γ1- (short to grnd)	23 ⇒ 24.0
B1263	Retractable hardtop hydraulic unit (A7/5) temperature > 95 °C	23 ⇒ 8.0
B1264	Retractable hardtop hydraulic unit (A7/5) temperature > 120 °C	23 ⇒ 8.0
B1265	Temperature sensor wires – // –, Γ1+, Γ1-	23 ⇒ 8.0
B1266	Retractable hardtop hydraulic unit (A7/5) locked up	23 ⇒ 6.0
B1267	Implausible RPM and VSS status signals	23 ⇒ 34.0, 35.0
B1268	Invalid RPM status signal	23 ⇒ 34.0
B1269	Retractable hardtop switch (S84) or wires Γ1-	23 ⇒ 17.0
B1270	Trunk lid open limit switch (S69/9) and trunk lid closed/locked left (and right) limit switches (69/7 and 69/8) activated simultaneously	23 ⇒ 12.0, 13.0


1) Observe Preparation for Test, see 22.

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B1271	Retractable hardtop open/stored limit switch (S69/11) and retractable hardtop closed limit switch (S69/1) activated simultaneously	23 ⇒ 10.0, 11.0
B1272	Implausible limit switch signals S69/1, S69/2, S69/3 and S69/11: Retractable hardtop locked limit switch (left rotary latch) (S69/3) and/or right (S69/2) activated, while retractable hardtop open/stored limit switch (S69/11) and retractable hardtop closed limit switch (S69/1) are not activated	23 ⇒ 9.0, 10.0, 11.0
B1273	Implausible limit switch signals S69/1, S69/7, S69/8 and S69/11: Trunk lid closed/locked left limit switch (S69/7) and/or right (S69/8) activated, while retractable hardtop open/stored limit switch (S69/11) and retractable closed limit switch (S69/1) are not activated	23 ⇒ 10.0, 11.0, 13.0
B1274	No signals from limit switches	24
B1275	Trunk lid open limit switch (S69/9) stuck or wires Γ1-, Γ1+, - // -	23⇒ 12.0
B1276	Trunk lid closed/locked left limit switch (S69/7) or right (S69/8) stuck or wires Γ1-, Γ1+, - // -	23⇒ 13.0
B1277	Retractable hardtop open/stored limit switch (S69/11) stuck or wires Γ1-, Γ1+, - // -	23⇒ 11.0
B1278	Retractable hardtop closed limit switch (S69/1) stuck or wires Γ1-, Γ1+, - // -	23⇒ 10.0
B1279	Retractable hardtop locked (right rotary latch) limit switch (S69/2) or left (S69/3) stuck or wires Γ1-, Γ1+, - // -	23⇒ 9.0
B1282	No locking current left front power window (M10/3) or combination control module (N10-3)	Left front power window motor (M10/3), N10-3

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B1283	No locking current right front power window (M10/4) or combination control module (N10-3)	Right front power window motor (M10/4), N10-3
B1400	Left front power window motor (M10/3) or terminal 30A or combination control module (N10-3)	23 ⇒ 2.0, 21.0, 22.0
B1401	Right front power window motor (M10/4) or terminal 30A or combination control module (N10-3)	23 ⇒ 2.0, 25.0, 26.0
B1402	Left rear power window motor (M10/5) or terminal 30B or combination control module (N10-3)	23 ⇒ 5.0, 27.0, 28.0
B1403	Right rear power window motor (M10/6) or terminal 30B or combination control module (N10-3)	23 ⇒ 5.0, 29.0, 30.0
B1490	Pump relay (A7/5k1) wires – // –, Γ1+, Γ1– or combination control module (N10-3)	23 ⇒ 7.0
B1491	Trunk lid solenoid valve (A7/5y2) wires – // –, Γ1+, Γ1– or combination control module (N10-3)	23 ⇒ 32.0
B1492	Retractable hardtop solenoid valve (A7/5y1) wires – // –, Γ1+, Γ1– or combination control module (N10-3)	23 ⇒ 31.0
B1493	Control wire for gong Γ1–, Γ1+, – // –	23 ⇒ 33.0
B1494	Wires for indicator lamp hardtop/soft top switch (S84) Γ1+, Γ1–	23 ⇒ 16.0

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