

Diagnosis – Diagnostic Trouble Code (DTC) Memory

Preliminary work:
Diagnosis - Function Test 11

 **CAUTION!**


Injury hazard from pinching and crushing, in extreme cases extremities can even be severed when caught in the mechanism.

Do not allow any body parts to be in the general area of the moving components.

Prerequisite for reading DTC memory


1. Fuses O. K.,
2. Battery voltage > 11 V,
3. Connect HHT according to connection diagram, see section 0,
4. Review entire 11.2 section.

Diagnosis – Diagnostic Trouble Code (DTC) Memory

DTC 	Possible cause	Test step/Remedy ¹⁾
1	No fault stored in memory	
2	Left cover "locked" switch (A24s2)	23 ⇒ 4.0
3	Right cover "locked" switch (A25s2)	23 ⇒ 5.0
4	Left cover "closed" switch (A24s1)	23 ⇒ 6.0
5	Cover "closed" switch (A25s1)	23 ⇒ 7.0
6	Left bow "locked" switch (A22s2)	23 ⇒ 8.0
7	Right bow "locked" switch (A23s2)	23 ⇒ 9.0
8	Left bow "closed" switch (A22s1)	23 ⇒ 10.0
9	Right bow "closed" switch (A23s1)	23 ⇒ 11.0
10	Left front soft top "locked" switch (S84/1)	23 ⇒ 12.0
11	Right front soft top "locked" switch (S84/2)	23 ⇒ 13.0
12	Soft top compartment "open" switch (S84/5)	23 ⇒ 14.0
13	Soft top fabric bow "raised" switch (S84/6)	23 ⇒ 15.0
14	Soft top "open" switch (soft top in storage compartment)	23 ⇒ 16.0
15	Soft top "raised" switch (S84/4)	23 ⇒ 17.0
16	RB "retracted" switch (S83/1)	23 ⇒ 18.0
17	Left front door "window down" limit switch (S21/9)	23 ⇒ 19.0

1) Observe Preparation for Test, see 22.

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DTC 	Possible cause	Test step/Remedy ¹⁾
18	Right front door “window down” limit switch (S21/8)	23 ⇒ 20.0
19	VSS signal is un-logical (only retrieveable with control module version 7.6) (when using the dynamometer or brake test equipment, operation of the soft top is locked. When reading out the impulse scan tool DTC'S, the DTCs 19 or 28 or 29 and 30 are given. If the vehicle is subsequently driven for more then 10 seconds, the soft top function is again possible. DTCs 19 or 28 or 29 remain in memory, erase impulse indication).	23 ⇒ 21.0
20	Hard top recognized as installed on vehicle	23 ⇒ 22.0
21	Power soft top switch (S84)	23 ⇒ 23.0
22	RB switch (manual operation)	23⇒ 24.0
23	RB control module (crash deployment) (N53)	23⇒ 25.0
24	Roll Bar crash deployment	23⇒ 26.0
25	Unlogical limit switch signals (check limit switches via diagnostic mode)	13
26	Operation time span exceeded	23⇒ 28.0
27	Low voltage	23⇒ 29.0
28	Speedometer signal is missing.	23⇒ 30.0
29	VSS signal (wheel speed) (ABS control module) missing	23⇒ 31.0
30	Soft top function locked	23⇒ 32.0

¹⁾ Observe Preparation for Test, see 22.