Diagnosis – Diagnostic Trouble Code (DTC) Memory

Preparation for Test
1. Connect impulse counter scan tool or Hand-Held Tester (HHT) according to connection diagram (see section 0).

Note:
ATA deactivated.
Connect yellow wire to socket 23 of 38-pole data link connector (X11/4).
DTC readout begins with the most current fault and ends with the oldest (logic: last in, first out).

Electrical wiring diagrams:
Electrical Troubleshooting Manual, Model 140, Volume 2, group 80 and 82.

Diagnosis – Diagnostic Trouble Code (DTC) Memory

DTC		Possible cause	Test step/Remedy [1]
1	001	No DTC stored in system.	
2	002	ATA activated via rotary tumbler/ trunk lid microswitch (S88/1)	23⇒ 7.0
3	003	ATA activated via engine hood switch (S62)	23⇒ 8.0
5	005	ATA activated via left/right rear door switch (S17/5, S17/6)	23⇒ 5.0
6	006	ATA activated via left/right door switch (S17/3, S17/4)	23⇒ 6.0
7	007	*Not applicable for U.S.A. vehicles*	–
8	008	*Not applicable for U.S.A. vehicles*	–
10	010	ATA activated via radio (A2) (radio contact) (running change during M.Y. 1996)	23⇒ 10.0
12	012	ATA activated via ignition (S2/1)	23⇒ 11.0
14	014	ATA activated via brake switch (S9/1)	23⇒ 9.0
15	015	*Not applicable for U.S.A. vehicles*	–
16	016	*Not applicable for U.S.A. vehicles*	–
17	017	*Not applicable for U.S.A. vehicles*	–
18	018	*Not applicable for U.S.A. vehicles*	–
19	019	ATA control module (N26)	N26

[1]   Observe Preparation for Test, see 22.

Diagnosis – Diagnostic Trouble Code (DTC) Memory

DTC		Possible cause	Test step/Remedy [1]
20	020	Left front door actuator (S47), no ground	23⟹ 12.0
21	021	**Temic control modules only** Starter lock-out relay module (K38) shorted to circuit 30 in armed status	23⟹ 25.0
21	021	**Becker control modules only** ATA status indicator lamp (E33) shorted to circuit 30	23⟹ 15.0
22	022	**Becker control modules only** Starter lock-out relay module (K38) shorted to circuit 30 in armed status	23⟹ 25.0
22	022	**Temic control modules only** Open circuit to circuit 30 in armed status	23⟹ 1.0
23	023	**Becker control modules only** Open circuit to circuit 30 in armed status	23⟹ 1.0

[1]   Observe Preparation for Test, see 22.