

Diagnosis – Diagnostic Trouble Code (DTC) Memory

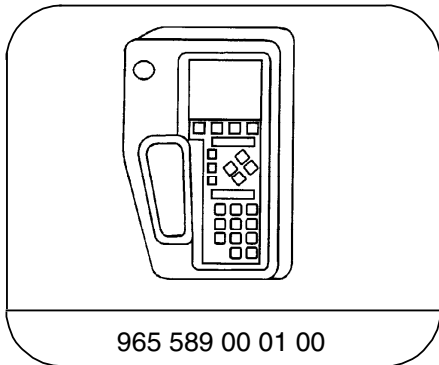
Preparation for Test:

1. Review following documents in WIS: GF80.50-P-0001B (ATA up to 05/98) and GF80.50-P-0001F (ATA as of 06/98). Also review ETM docs: PE80.00-P-1100D and PE80.00-P-1100A
2. Review section: C/1, 10, 20, 22, 23, 31
3. Check fuses, OK,
4. Battery voltage 11 – 14 V,
5. Voltage supply for control module and CAN-wiring ok,
6. Unlock vehicle via RCL transmitter key, deactivate ATA,
7. Ignition: **ON**
8. Connect Hand-Held Tester (HHT) according to connection diagram shown in section 0, review 22/3 as well for ATA/socket box connections.



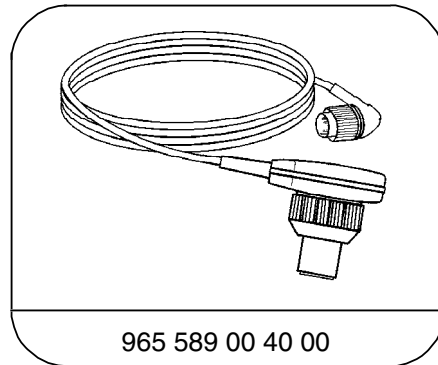
The DTC memory can only be readout and erased via the HHT.

Special Tools



965 589 00 01 00

Hand-Held-Tester



965 589 00 40 00

Test cable



While performing the DTC readout, it is possible that DTCs may appear that are not relevant to the system being checked, meaning that all stored DTCs in that particular control module are being displayed.

> Ω resistance too great

< Ω resistance too low

Γ Γ+ short circuit to positive (POS)

Γ Γ- short circuit to ground (GND)

-// - open circuit




Readout and record DTC's.

Recorded faults found in fault table.


Interrupt the voltage for PSE control module for approx. 3 secs., to erase safety memory.

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DTC 	Possible cause	Test step/Remedy ¹⁾
B1220 000	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1220 005	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1221 000	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1221 005	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1276	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1277	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1278	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1279	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1435	Short circuit in ATA tow sensor (B33)	23 ⇒ 9.0
B1436	CL safety time exceeded, Pneumatic demand too high	Pneumatic lines, See DM, B&A, Vol. 2, Test Section 4.10
B1438	CL safety time, Multi-contour Seat Pneumatic demand too high	Pneumatic lines, Multi-contour Seat
B1439	Safety time, Manifold vacuum assist (MVA) demand exceeded Pneumatic demand too high	Pneumatic lines, Multi-contour Seat
B1440	Safety time, Remote trunk lid release (RTR) exceeded Pneumatic demand too high	Pneumatic lines, Multi-contour Seat

1) Observe Preparation for Test, see 22.

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DTC 	Possible cause	Test step/Remedy ¹⁾
B1497	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1707	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1708	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1709	Alarm siren with auxiliary battery (H3/1) not installed, not version coded, defective, (as of 06/98)	Version coding, see 31, Alarm siren, 23 ⇒ 5.0
B1710	Alarm (ATA) triggered via trunk lamp switch (S17/8)	3.4 PSE 23
B1711	Alarm (ATA) triggered via engine hood switch (S62)	23 ⇒ 1.0
B1712	Alarm (ATA) triggered via left front door switch (S17/3)	3.4 PSE 23
B1713	Alarm (ATA) triggered via right front door switch (S17/4)	3.4 PSE 23
B1714	Alarm (ATA) triggered via left rear front door switch (S17/5)	3.4 PSE 23
B1715	Alarm (ATA) triggered via right rear front door switch (S17/6)	3.4 PSE 23
B1716	Reserve alarm input	Currently not used.
B1719	Alarm (ATA) triggered via telephone	Currently not used.
B1720	Alarm (ATA) triggered via FAX equipment	Currently not used.
B1721	Alarm (ATA) triggered via ignition system	Wiring.
B1722	Alarm (ATA) triggered via stop lamp switch (S9/1)	23 ⇒ 2.0

¹⁾ Observe Preparation for Test, see 22.

13.7 Anti-Theft Alarm (ATA)

Models 202 as of 6/97, 208, 210 as of 3/97

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DTC 	Possible cause	Test step/Remedy ¹⁾
B1723	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1724	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1725	Alarm (ATA) triggered via Anti-tow sensor (B33)	23 ⇒ 7.0, 23 ⇒ 9.0
B1726	Circuit 30 interrupted while in armed state	DM, B&A, Vol. 2, Test Section 7.1, 23
B1727	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1728	<i>Not applicable for U.S. A. vehicles, continue to next test step.</i>	–
B1729	PSE (A37)	Replace PSE (A37)

¹⁾ Observe Preparation for Test, see 22.