

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

##### Preparation for Test:

1. Fuses for PSE system and PSE control module ok,
2. Battery voltage 11 – 14 V,
3. Unlock vehicle via remote central locking,
4. Ignition: **ON**
5. Connect the Hand-Held Tester (HHT) to X11/4, according to diagram, see section 0.



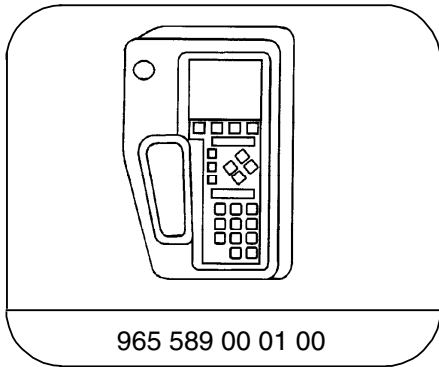
Readout DTC memory and note failure codes.

Perform repairs of noted failures as per fault table.

Interrupt PSE control module power supply for approx. 3 seconds to erase safety memory.

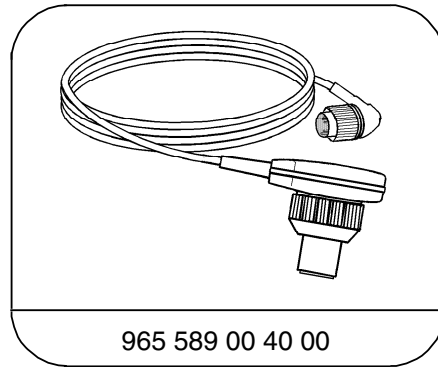
Since the DTC memory has been integrated into the combination control module (N10-1 or N10-3), DTC memory must be erased after replacement of the PSE control module.

##### Special Tools



965 589 00 01 00


Hand-Held-Tester



965 589 00 40 00


Test cable

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DTC 	Possible cause	Test step/Remedy <sup>1)</sup>
B1021	CAN data line, no communication with PSE control module (A37).	23 ⇒ 1.0 – 8.0, Combination control module (N10-1 or N10-3), PSE control module (A37).
B1024	CAN data line, LOW or combination control module (N10-1 or N10-3).	23 ⇒ 2.0, 4.0, 6.0, 8.0, Combination control module (N10-1 or N10-3).
B1025	CAN data line, High or combination control module (N10-1 or N10-3).	23 ⇒ 3.0, 5.0, 7.0, 8.0, Combination control module (N10-1 or N10-3).
B1100	Lock switch circuit SN1/SN2 from RCL control module (N54) to combination control module (N10-1 or N10-3) Г1– or Г1+.	4.5 23 ⇒ 19.0 – 20.0 4.7 23 ⇒ 25.0 – 26.0
B1116	RHR unlocking switch (S6/1s3), signal > 25 sec.	23 (PSE/RHR) ⇒ 1.0
B1117	Interior switch (CL) (S6/1s2), signal > 25 sec.	23 (PSE/CL) ⇒ 1.0

<sup>1)</sup> Observe Preparation for Test, see 22.

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B1124	Remote trunk release switch (S15), signal > 25 sec., ГГ–.	23 (PSE/RTR) ⇒ 1.0
B1436	Central locking – faulty function due to error signal from other consumers or CL pneumatic system leak.	32 ⇒ 1.0 – 8.0, 32 PSE/CL ⇒ 1.0 – 8.0
B1437	Retractable head restraint pneumatic system leak.	32 (PSE/RHR) ⇒ 1.0 – 3.0
B1438	Multi-contour seat, air pressure or safety time.	32 (PSE/OSB) ⇒ 1.0 – 4.0
B1439	Manifold vacuum assist, Time > max.	32 (PSE/MVA) ⇒ 1.0

<sup>1)</sup> Observe Preparation for Test, see 22.