

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

#### Notes regarding Diagnostic trouble Code Memory

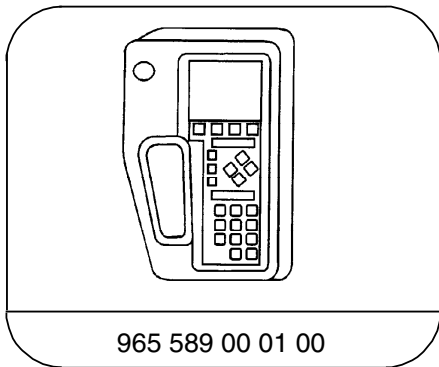
- To each fault (short circuit, open circuit etc) a certain numerical code has been assigned, i.e. Diagnostic Trouble Code (DTC). Additionally, current and intermittently appearing DTC's are differentiated from each other.
- When retrieving DTC's from the A/C pushbutton control module, short circuits and open circuits can not be differentiated from each other in every case.
- When reading out the DTC memory from any control module, all stored DTC's are shown, which means that some DTCs will be shown which do not apply to the current system being checked.

#### Prerequisite for reading out DTC Memory

Electrical wiring diagrams:

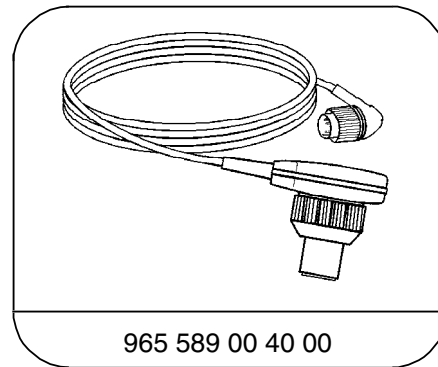
Electrical Troubleshooting Manual, Model 163, Group 83  
(available on the Workshop Information System [WIS] only).

#### Special Tools



965 589 00 01 00

Hand-Held-Tester




965 589 00 40 00

Test cable

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

Prior to Test:

1. Review 11, 14, 15, 21, 22
2. Connect HHT, see section 0, and read out DTC fault codes.
3. When reading out the DTCs, be aware that some DTCs belong to other control modules, this means that DTCs will appear that do not apply to the system being checked.

DTC 	Possible cause	Hint	Remedy
No communication using the HHT is possible.	Diagnostic line		23
No DTC stored	No DTC recognized.	Complaint valid and present: See A/C Electrical Test Program - Test	23
B1232	Refrigerant pressure sensor (B12)		23⇒ 9.0
B1419	Electromagnetic clutch (A9k1)		Wiring, A9k1