

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

#### Test Preparation for DTC Readout

1. Connect impulse counter scan tool and adapter or HHT to data link connector (X11/4) as shown in section 0.

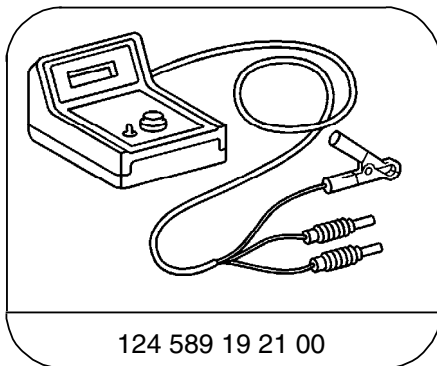
#### Note:

Connect yellow wire from impulse counter scan tool as follows:

Base module (BM) (N16/1)	socket 8
ABS or ABS/ASR control module (N30 or N30/1)	socket 6
SPS control module (N49/1)	socket 12
ADS control module (N51)	socket 11
HFM-SFI control module (N3/4)	socket 4

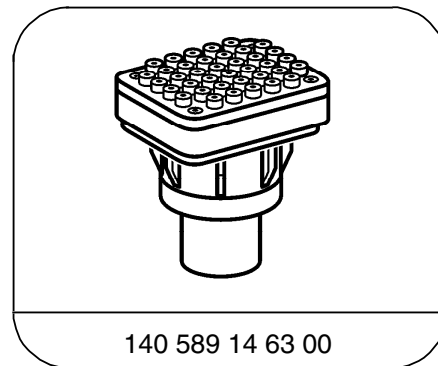
2. Ignition: **ON**
3. Read DTC memory for BM, ABS or ABS/ASR, SPS, ADS, HFM-SFI control modules.

#### Special Tools



124 589 19 21 00

Pulse counter



140 589 14 63 00


Adapter

#### Equipment

Hand-Held Tester (HHT)

see applicable Service Information in groups 58 and 99

Diagnosis - Diagnostic Trouble Code (DTC) Memory

Diagnostic trouble code (DTC) 	Possible cause	Test step/Remedy <sup>1)</sup>
1 -	No fault in system.	In case of complaint: 23 (entire test)
5 005	Maximum allowable temperature in module box exceeded <sup>2)</sup> .	23⇒ 15.0
6 006	A/C electromagnetic clutch (A9k1) jammed or poly-V-belt broken.	23⇒ 13.0, visually inspect compressor and poly-v-belt
7 007	Poly-V-belt slips.	23⇒ 13.0, check poly-v-belt tension
10 010	Base module (N16/1) voltage supply output fuse F2, open circuit.	23⇒ 8.0
11 011	Base module (N16/1) voltage supply output fuse F3, open circuit.	23⇒ 9.0
12 012	Base module (N16/1) voltage supply output fuse F1, open circuit.	23⇒ 6.0, 7.0
15 015	Kickdown switch (S16/6)	23⇒ 16.0
16 016	A/C electromagnetic clutch (A9k1), short circuit.	23⇒ 13.0
17 017	Module box blower motor (M2/2), short circuit <sup>2)</sup> .	23⇒ 15.0

1) Observe Preparation for Test, see 22.

2) Module box blower motor was phased out of production on model 140 starting M.Y. 1994.