

## Diagnosis - Diagnostic Trouble Code (DTC) Memory

Preliminary work:

Function test ..... □11

### Preparation for Test (DTC readout):

1. Fuses OK.
2. Battery voltage >11 V.
3. Unlock via RCL vehicle.
4. Ignition ON.
5. Connect Hand-Held Tester (HHT) according to connection diagram shown in section 0.

### Note:

The diagnostic trouble codes (DTC`s) can only be read out and erased **using the Hand-Held Tester (HHT)** .

### Model 129

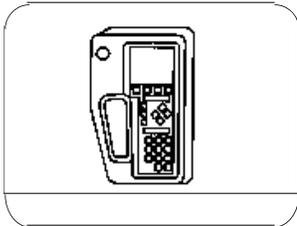
The RCL control module (N54) 129 820 29 26 can only be read out via the **impulse counter** .

### Note regarding Diagnostic Trouble Codes (DTC`s):

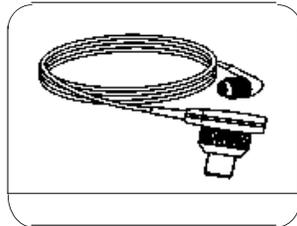
Current diagnostic trouble codes are highlighted in black on the display. Additional detailed fault information based on fault type is displayed with nearly all diagnostic codes (DTC`s) such as:

- > Ω Resistance too great
- < Ω Resistance too low
- Γ⊥ Short circuit to ground (GND)
- Γ⊥+ Short circuit to positive (POS)
- // Open circuit

### Special Tools



965 589 00 01 00



965 589 00 40 00

## Diagnosis - Diagnostic Trouble Code (DTC) Memory

### RCL control module (N54) Diagnostic Trouble Codes

DTC	Possible cause	Test step/Remedy <sup>1)</sup>
005	Red indicator lamp, Γ⊥	□23 ⇒ 5.0, 9.0, 13.0
006	Green indicator lamp, Γ⊥	□23 ⇒ 6.0, 10.0, 14.0
009	Red indicator lamp, Γ⊥+	□23 ⇒ 5.0, 9.0, 13.0
010	Green indicator lamp, Γ⊥+	□23 ⇒ 6.0, 10.0, 14.0

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

### IR DAS control module (N54/1) Diagnostic Trouble Codes

DTC	Possible cause	Test step/Remedy <sup>1)</sup>
B1000	IR DAS control module (N54/1)	Replace N54/1
B1100	Control line deactivation, Γ⊥+ or Γ⊥	□23 ⇒ 33.0 - 37.0, 39.0
B1101	Control line activation, Γ⊥+ or Γ⊥	□23 ⇒ 32.0 - 35.0, 38.0, 39.0
B1701	Incorrect authorization code, motor electronics (CAN)	□11 ⇒ 13.0
B1702	Incorrect authorization code, engine control module, left cylinder bank, (CAN)	□11 ⇒ 13.0
B1703	Invalid transponder code	IR transmitter defective, replace IR transmitter key.
B1704	Coil for transponder (energy could not be built up; or transponder does not respond).	□23 ⇒ 40.0, 41.0 Erase DTC memory, Try another IR transmitter key.

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