

Diagnosis - Diagnostic Trouble Code (DTC) Memory

Preparation for DTC Readout

1. Connect impulse counter scan tool or Hand-Held Tester (HHT) to data link connector (X11/4) according to connection diagram (see section 0).

Note:

Connect yellow wire from impulse counter scan tool to:

ASD control module (N30/2)

socket 9

BM (N16/1)

socket 8.

2. Engine: **at Idle**.

3. Read out DTC's for ASD control module (N30/2).

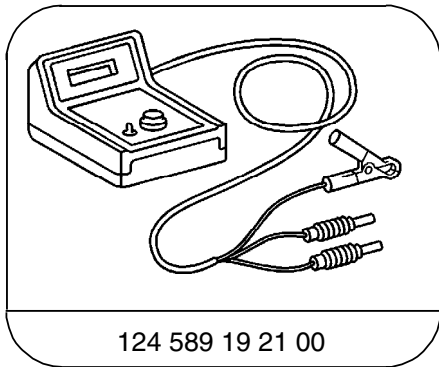


To erase DTC's, Engine: **at Idle**.

Model 140 (06/92 →) ASD without pressure reservoir

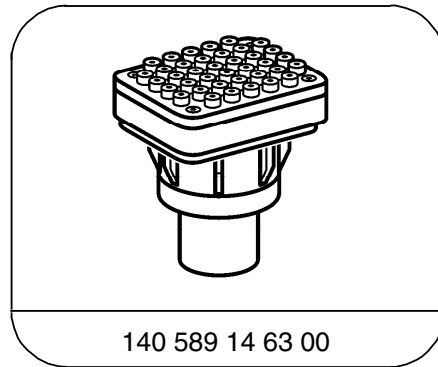
To activate the DTC memory of a new ASD control module (N30/2), see 12.

Special Tools



124 589 19 21 00

Pulse counter



140 589 14 63 00


Adapter

Equipment

Hand-Held Tester (HHT)

See S.I. in groups 58 and 99.

Diagnosis - Diagnostic Trouble Code (DTC) Memory

| Diagnostic trouble code (DTC)  | Possible cause | Test step/Remedy ¹⁾ |
|--|---|---|
| 1 - | No fault in system. | In case of complaint: 23 and 33 (entire test) |
| 2 002 | ASD control module (N30/2). | Replace N30/2. |
| 3 003 | Stop lamp switch (S9/1). | 23⇒ 6.0 23⇒ 7.0 |
| 4 004 | Left front axle VSS sensor (L6/1) or from ABS control module (N30). | 23⇒ 10.0 |
| 5 005 | Right front axle VSS sensor (L6/2) or from ABS control module (N30). | 23⇒ 9.0 |
| 6 006 | Rear axle VSS sensor (L6) or from ABS control module (N30). | 23⇒ 11.0 |
| 7 007 | No VSS from any sensor (L6, L6/1, L6/2). | 23⇒ 9.0 23⇒ 10.0 23⇒ 11.0 |
| 8 008 | ASD valve (Y38) or stop lamp switch (S9/1). | 23⇒ 6.0 23⇒ 7.0 23⇒ 8.0 |
| 9 009 | ASD without pressure reservoir (06/92 →) VSS (L6, L6/1, L6/2) ²⁾ | Visually inspect |

¹⁾ Observe Preparation for Test, see 22.

²⁾ Rotor with incorrect tooth count, dirt accumulation on or damaged rotor, incorrect rear axle ratio, wrong wheel or tire size.