

B 2 Closed Throttle Position (CTP) Test, Adjustment ¹⁾

07-2053 or 2056 ¹⁵⁾

Listing of Test Steps

1	HHT with multiplexer to data link connector	connect/disconnect.
2	Throttle control	check throttle operation and condition. Lubricate bearings, gate levers and ball sockets.
2.1	WOT, CTP stop at pedal value sensor (B37)	check.
3	Selector lever position	P/N
4	Engine oil temperature	check.
5	ECT	check.
6	Ignition timing ⇒ Engine: at idle	check (see Test and Adjustment Data, Section A).
7	Engine RPM at idle	check (see Test and Adjustment Data, Section A).
8.0	On/off ratio	check ¹⁾ .
8.1	CTP recognition (accelerator pedal not depressed)	check, HHT display ON ¹⁾ .
9	Closed throttle under load	check with selector lever in “D“(with service and parking brake applied) and consumers on.

¹⁾ Only possible using HHT (Test and Adjustment Data, section A).

¹⁵⁾ Time Guide operation no. and/or SMS job no.

Note:
Refer to section B1, Engine Test and Adjustment, for Special Tools and connection diagram.

B 2 Closed Throttle Position (CTP) Test, Adjustment**Connection Diagram –
Engines 111, 119, 120 ME-SFI**
(Measuring engine RPM without HHT)

Connector 1: Circuit 31 (ground)

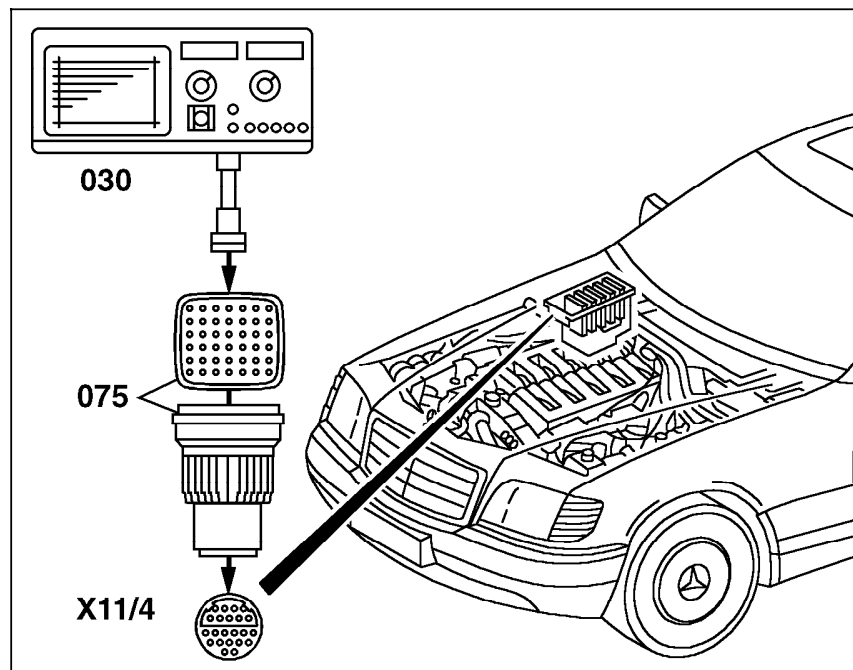
Connector 13: TN-Signal

**CAUTION!**

Engine 120: Set cylinder selection switch to 6 cylinder position.

Figure 1

- | | |
|-------|--|
| X11/4 | Data link connector, (DTC readout, 38-pole) |
| 030 | Engine analyzer with oscilloscope (RPM reading only) |
| 075 | Adapter |



P07.60-0207-35