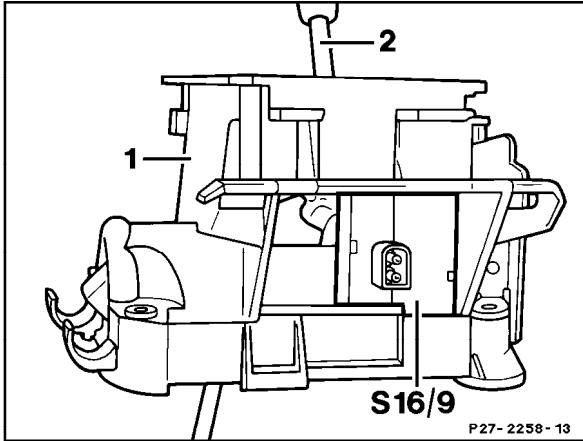


Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0	Voltage supply	<p>N15/1 1 — (← ⊖ ⊕ →) — 21</p>	Ignition: ON	11 – 14 V	Wiring, Ground (component compartment) (W16), Overvoltage protection relay module (K1/2).
⇒ 2.0 ¹⁾	Accelerator pedal signal Reference voltage	<p>N15/1 8 — (← ⊖ ⊕ →) — 3</p> <p>N15/1 8 — (← ⊖ ⊕ →) — 12</p>	Ignition: ON Accelerator pedal in: CTP WOT CTP	< 1 V < 2 V 2 – 3 V	Wiring, TB switch (S29/4), TCM (N15/1).
⇒ 2.1	TB Switch (S29/4)	<p>S29/4x2 3 — (← ⊖ ⊕ →) — 1</p> <p>S29/4x2 3 — (← ⊖ ⊕ →) — 2</p>	Ignition: OFF Disconnect TB switch AP potentiometer connector (S29/4x2).	900 – 1600 Ω 2.0 – 3.8 kΩ	S29/4

1) The voltage should increase continually when bringing the accelerator pedal to WOT.

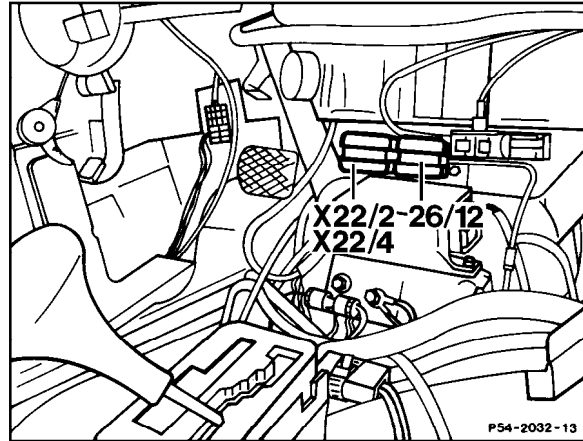
Electrical Test Program - Test



P27-2258-13

Figure 1

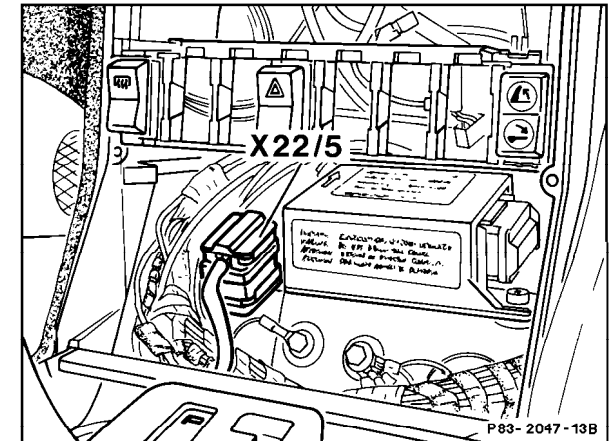
S16/9 Transmission range "D" contact switch



P54-2032-13

Figure 2

X22/2 AT/engine connector

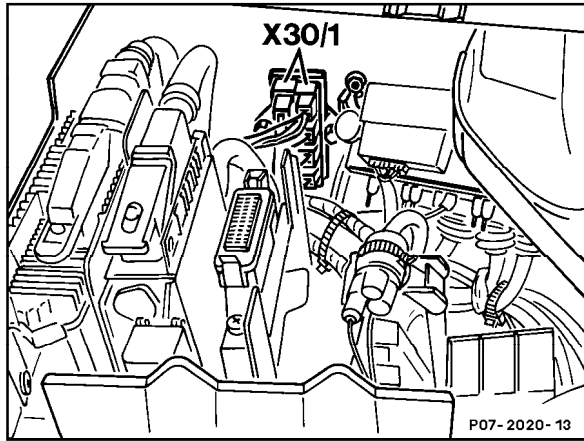


P83-2047-13B

Figure 3

X22/5 5-speed AT/engine connector

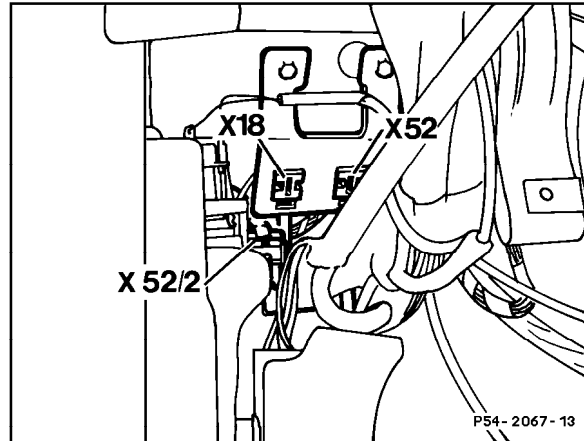
Electrical Test Program - Test



P07-2020-13

Figure 4

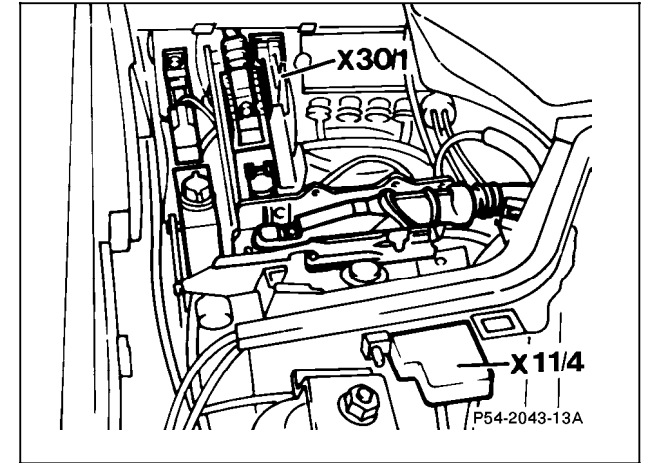
X30/1 Multi-function connector block



P54-2067-13

Figure 5

X18 Interior/taillamp harness connector

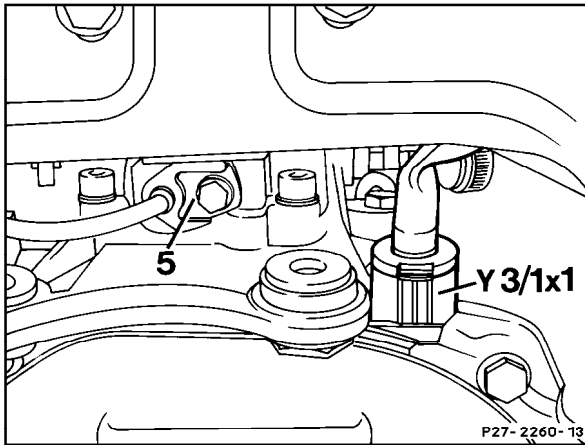


P54-2043-13A

Figure 6

X11/4 Data link connector (DTC readout)
X30/1 Multi-function connector block

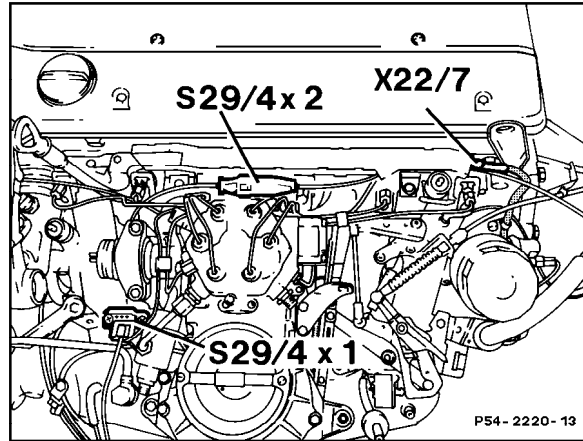
Electrical Test Program - Test



P27-2260-13

Figure 7

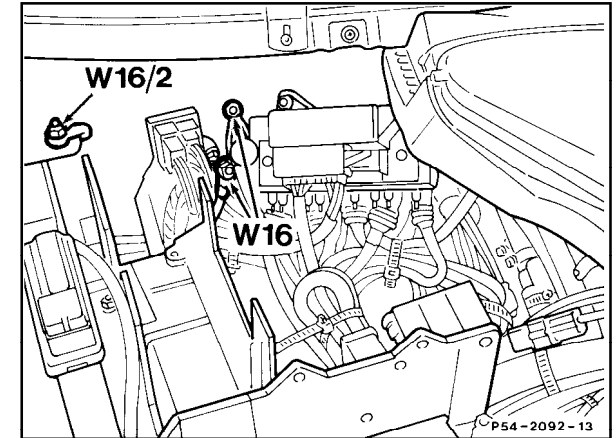
Y3/1x1 Valve block connector (5-speed AT)



P54-2220-13

Figure 8

S29/4x2 AP potentiometer connector

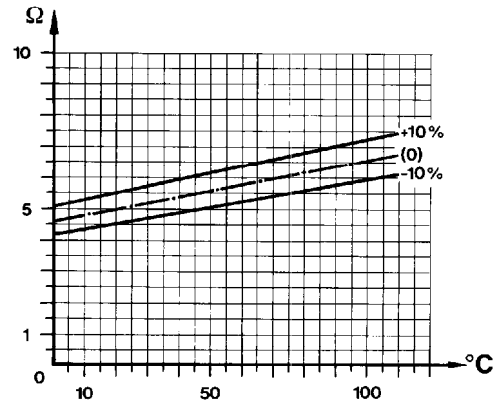


P54-2092-13

Figure 9

W16 Ground (component compartment)

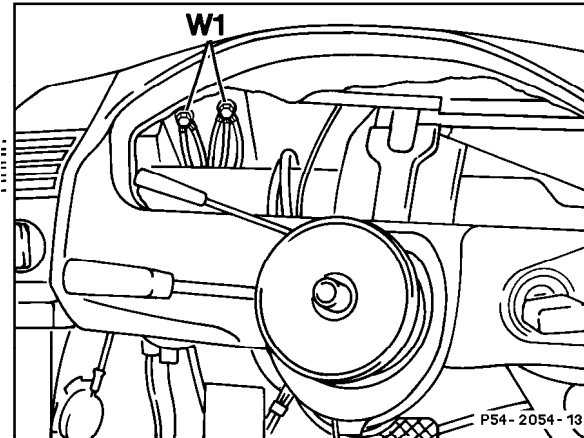
Electrical Test Program - Test



P27-0187-13

Figure 10

Valve block control valve (y3/1y2), temperature dependant resistance table



P54-2054-13

Figure 11

W1 Main ground (behind instrument cluster)