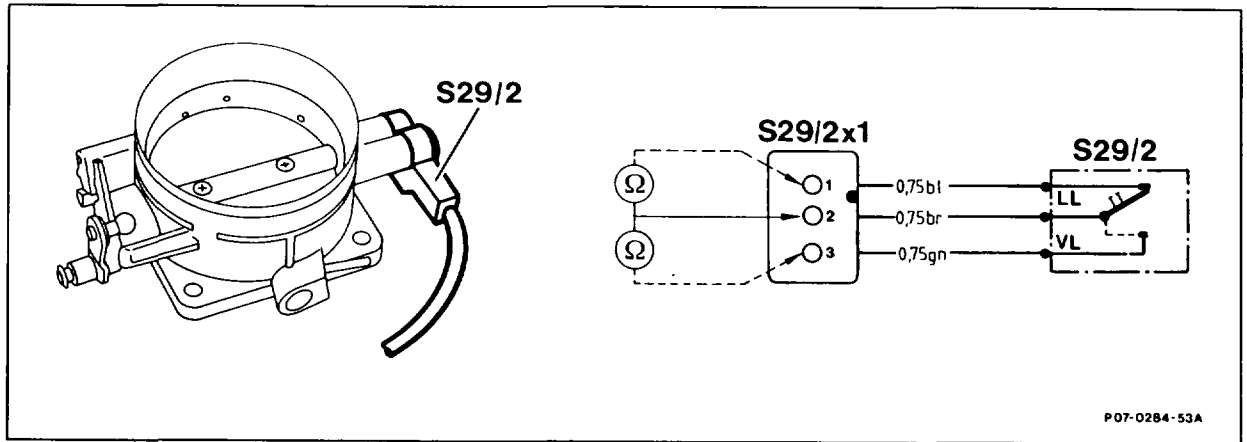


07.3-1689 Replacing, adjusting throttle valve switch

Preceding work:
Removing, installing throttle valve assembly (07.3-6210).

Operation no. of operation texts and work units or standard texts
and flat rates:
07-1689.





S29/2 Throttle valve switch, full load/idle speed recognition

S29/2x1 Plug connection, throttle valve switch full load/idle speed recognition

Commercially available tools and testers (see Workshop Equipment Manual)

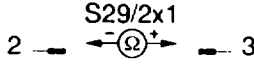
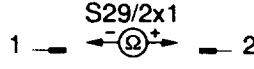
Designation	e.g. Make, order no.
Multimeter	Sun, DMM-5

Symbols for testers

 Multimeter
 Connector

Symbols for test mode with multimeter

 Multimeter
Resistance mode

Test step	Test scope	Test connection	Operation/ Requirement	Specifi- cation	Possible cause/Remedy
1.0	Full load stop	 <p>S29/2x1 2 — ← ⊕ — 3</p>	<p>Press throttle valve to full load stop</p> <p>Turn throttle valve slightly toward idle speed</p> <p>Press throttle valve to idle stop</p>	<p>< 1 Ω</p> <p>∞</p> <p>∞</p>	Throttle valve switch (S29/2) faulty, replace
2.0	Idle speed stop	 <p>S29/2x1 1 — ← ⊕ — 2</p>	<p>Press throttle valve to idle stop. Turn throttle valve switch (S29/2) sufficiently until specification is achieved.</p> <p>Raise throttle valve by 0.2 mm</p>	<p>< 1 Ω</p> <p>∞</p>	Throttle valve switch (S29/2) faulty, replace

Turn on ignition for vehicles with ASR.

Note

If throttle valve switch faulty, replace throttle valve body.