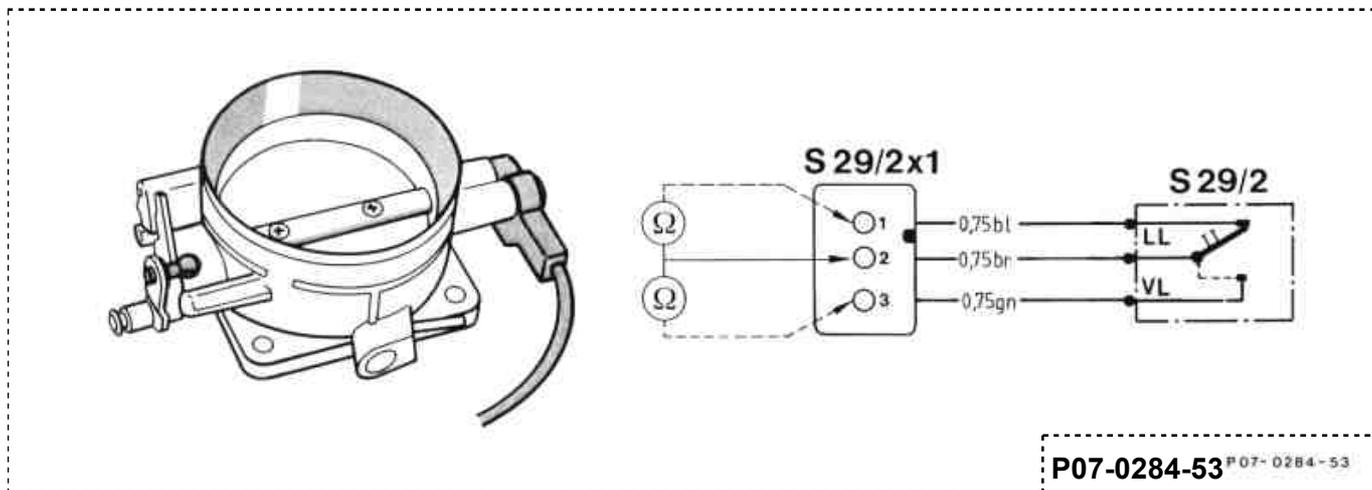


07.3-152 Testing throttle valve switch

Preceding work:
Removing and installing throttle valve assembly (07.3-230).

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



P07-0284-53 P07-0284-53

S29/2 Full load/idle speed detection throttle valve switch

S29/2x1 Full load/idle speed detection throttle valve switch plug connection

Note

Check idle speed stop, only in the case of throttle valve switch with full load/idle speed detection.
If throttle valve switch is faulty, replace throttle valve body.

Ohmmeter.....	set to measuring range 0 - ∞.
Full throttle stop.....	check by pressing throttle valve against full throttle stop. The readout is then 0 Ω. Turn throttle valve slightly toward idling; this must cause the readout to go to ∞ Ω.
Idle speed stop.....	check by pressing throttle valve against idle speed stop. Turn throttle valve switch far enough to obtain a readout of 0 Ω. Raise throttle valve 0.2 mm; this must cause readout to go to ∞ Ω.
	Idle speed contact:
	idle position approx. 0 Ω
	full load position approx. ∞Ω
	Full load contact:
	idle position approx. ∞ Ω
	full load position approx. 0 Ω
	part load position approx. ∞Ω

Commercially available tool

Multimeter

e.g. Sun, DMM-5
