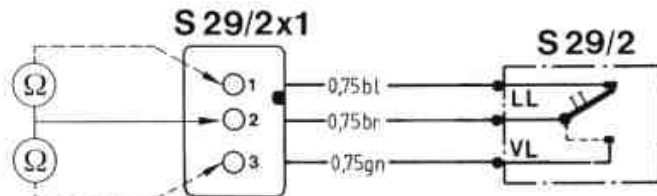
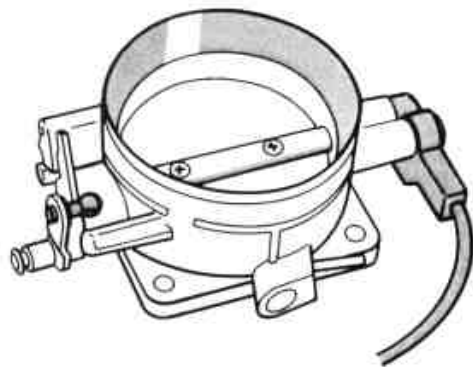


## 07.3-152 Testing throttle valve switch

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 P 07- 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 - $\infty$ .
Full throttle stop.....	check by pressing throttle valve against full throttle stop. The readout is then 0 $\Omega$ . Turn throttle valve slightly toward idling; this must cause the readout to go to $\infty \Omega$ .
Idle speed stop.....	check by pressing throttle valve against idle speed stop. Turn throttle valve switch far enough to obtain a readout of 0 $\Omega$ . Raise throttle valve 0.2 mm; this must cause readout to go to $\infty \Omega$ . Idle speed contact: idle position                      approx. 0 $\Omega$ full load position                approx. $\infty \Omega$ Full load contact: idle position                      approx. $\infty \Omega$ full load position                approx. 0 $\Omega$ part load position                approx. $\infty \Omega$

## Commercially available tool

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Multimeter	e.g. Sun, DMM-5
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