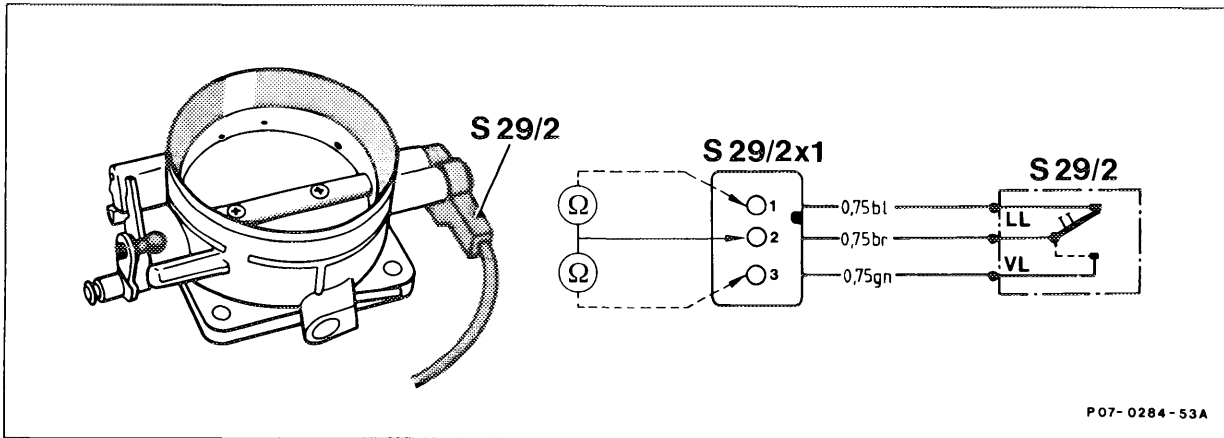


## 07.3-152 Checking, renewing throttle valve switch

Preceding operation:

Removal, reinstallation of throttle assembly (07.3-230)



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

S29/2x1 Connector throttle valve switch full load/idle speed recognition

<p>Ohmmeter .....</p> <p>Full load stop .....</p> <p>Idle speed stop, check .....</p> <p>Throttle valve switch (S29/2) .....</p>	<p>set to measuring range 0 – ∞.</p> <p>check. For this purpose push throttle valve to full load stop. The display should be 0 Ω. Turn the throttle valve slightly in the direction of idle speed, the display should indicate ∞ Ω.</p> <p>push throttle valve to idle speed stop. Turn throttle valve switch until the display shows 0 Ω.</p> <p>Lift throttle valve 0.2 mm, the display should show ∞ Ω.</p> <p>Idle speed contact: Idle speed position approx. 0 Ω Full load position approx. ∞ Ω</p> <p>Full load contact: Idle speed position approx. ∞ Ω Full load position approx. 0 Ω Part load position approx. ∞ Ω</p> <p>renew. For this purpose, remove and reinstall both mounting screws.</p>
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### Commercially available tool

Multimeter

e.g. Sun, DMM-5