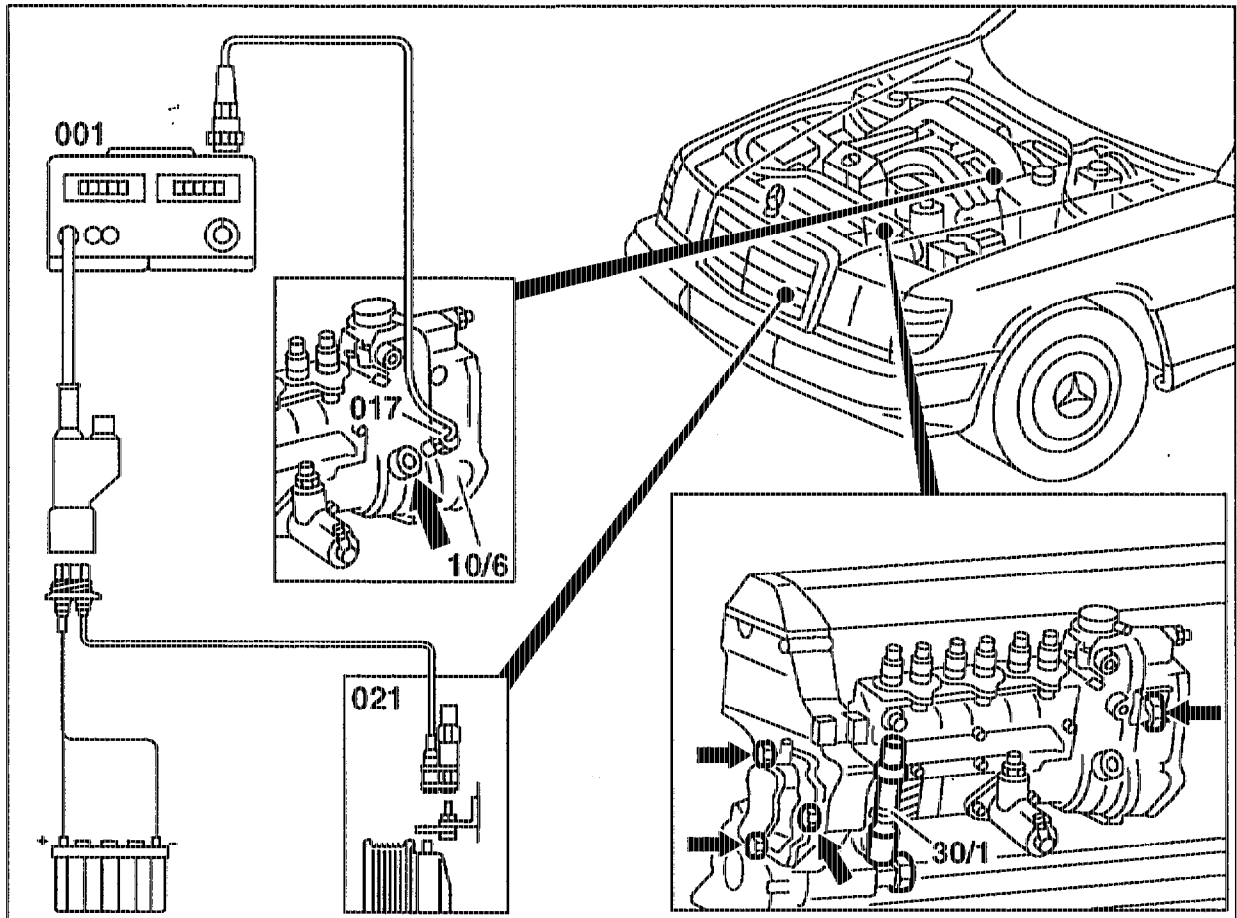


## 07.1-8300 Adjusting start of delivery with digital tester (RIV method) after testing

Preceding work:  
Testing start of delivery (07.1-8244).

Operation no. of operation texts and work units or standard texts and flat rates:  
07.1-8300



P07-6417-57

Connection diagram of digital tester without adapter (with adapter, see 07.1-8244)

Securing bolts (arrows) on injection pump flange and on supporting bracket .....	slacken.
Engine .....	run at idle speed.
RI value (indirect start of delivery) .....	adjust by turning the adjusting device (30/1). <b>RI specification: 14° + 0.5° ATDC.</b>

### Direction of rotation of adjusting screw (30/1)

To right = start of delivery retarded  
To left = start of delivery advanced

**Note**

If the adjustment facility is insufficient, the injection pump must be turned over. See removing and installing injection pump (07.1-8410).

Engine .....	switch off.
Securing bolts (arrows) at injection pump flange and at supporting bracket .....	tighten. Tightening torque 20–25 Nm.
Testers .....	disconnect.
Screw plug (arrow) at governor (10/6) .....	screw in. Tightening torque 30–35 Nm.
Leak test with engine running .....	perform.
Engine oil level .....	check, adjust to correct level if necessary.

**Special tools**

