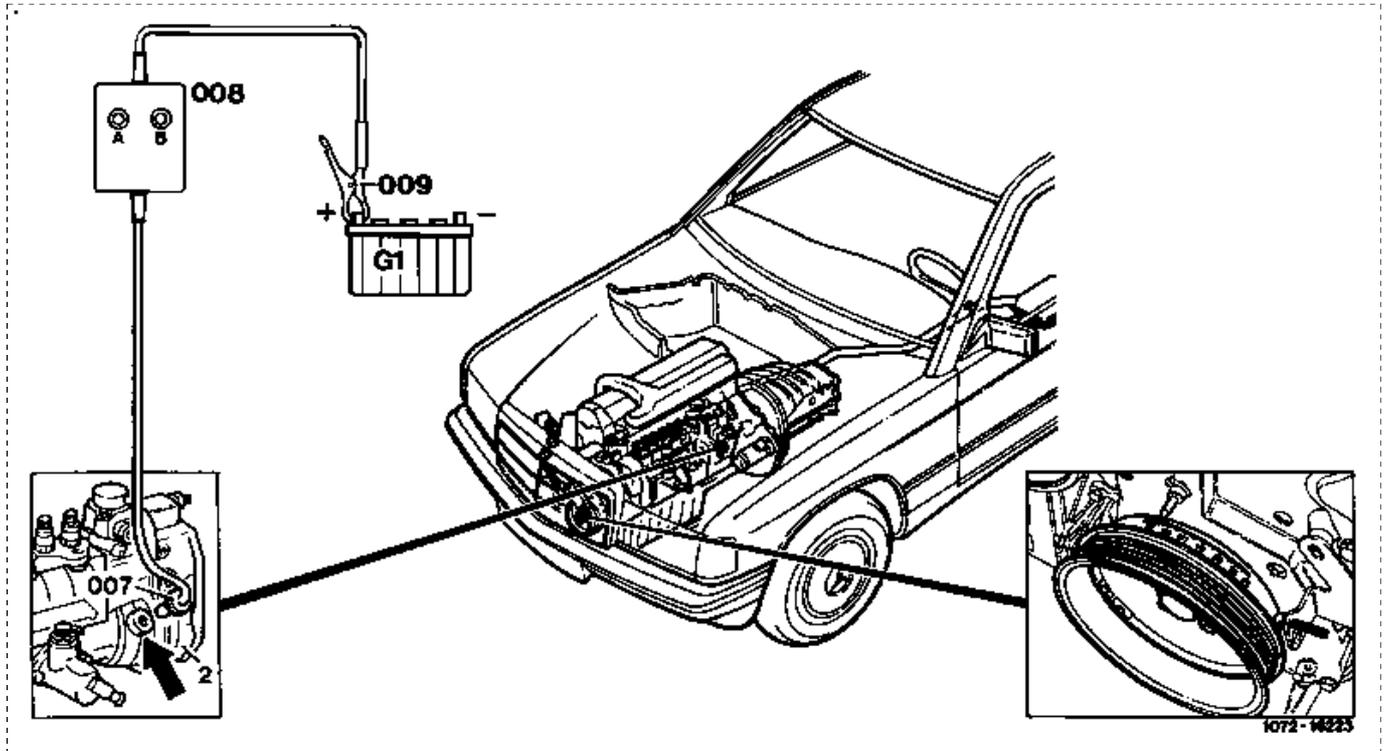


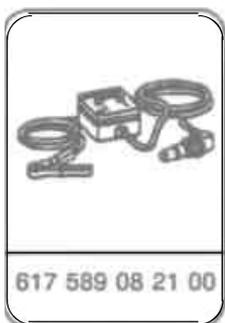
07.1-111 Checking start of delivery (position sensor RIV method)

Job no. of Job Texts and Work Units or Standard Texts
and Flat Rates07-8240 and 8243



- Screw plug (arrow) at governor housing (2)..... unscrew,
tightening torque 30-35 Nm (reference value).
- Position sensor (007)..... turn in.
- Battery crocodile clamp (009)..... connect to battery +.
- Manually turn crankshaft until..... lamps A and B of the indicating instrument (008)
light up simultaneously.
- Read RI value (indirect start of delivery)..... of the graduated scale,
set value $15^{\circ} \pm 1^{\circ}$ ATDC.
Vehicles with code 62/0 $14^{\circ} + 0.5^{\circ}$ ATDC.
Adjust start of delivery if required (07.1-116).

Special tools



Checking

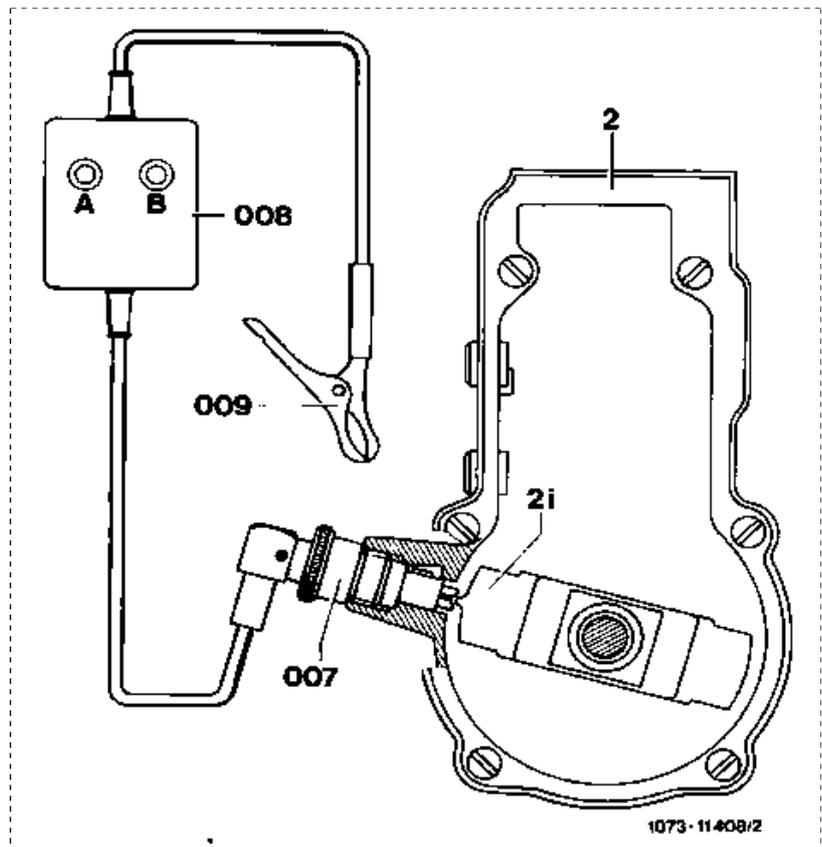
- 1 Remove screw plug (11) on governor housing.



- 2 Turn position sensor into the governor housing. Ensure that the guide pin of the position sensor (arrow) faces up. Tighten union nut by hand.



- 3 Connect position sensor according to connection diagram.



- 007 Position sensor
- 008 Indicating instrument
- 009 Battery crocodile clamp (battery plus)
- 2i Flyweight (RI sensor pin)

- 4 Use tool to turn crankshaft manually (only in direction of rotation) until lamp "A" lights up. Continue to turn until **both lamps "A + B"** light up. In this position read RI value (indirect start of delivery) off graduated scale.

RI set value: $15^{\circ} \pm 1^{\circ}$ ATDC.

Vehicles with code 62/0 $14^{\circ} + 0.5^{\circ}$ ATDC.
If only lamp "B" lights up, repeat test.



- 5 Remove position sensor.
- 6 Turn screw plug into governor housing (tightening torque 30-35 Nm).
- 7 Carry out leak test with engine running.
- 8 Check engine oil level and correct if required.