P07-0520-55

Crankshaft	crank in direction of rotation to 15° ATDC of No. 1 cylinder.
Fastening bolts (13 and 13a) on injection pump flange and on supporting bracket	loosen, tightening torque 20 - 25 Nm.
Indicating instrument (008) and terminal (009) . . .	connect.
Injection pump	swivel by turning adjusting screw at start of delivery adjusting device (8)

Both lamps "A" and "B" in indicating instrument (008) must light up.

Direction of rotation of adjusting device (8) or screw

to right = start of delivery retarded
to left = start of delivery advanced
RI specification 15° ATDC.

Position sensor (007)	remove.
Screw plug (arrow)	screw in.
Accelerator control linkage	check, adjust if necessary (30 - 300).
Leakage test	perform with engine running.

Engine oil level .... check, correct.

Leakage check .... perform with engine running.

Engine oil level .... check, correct.
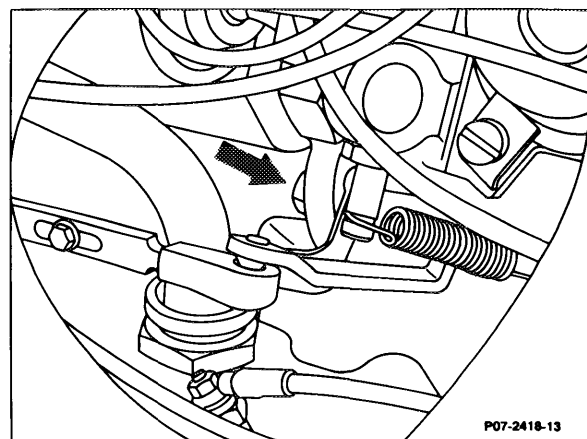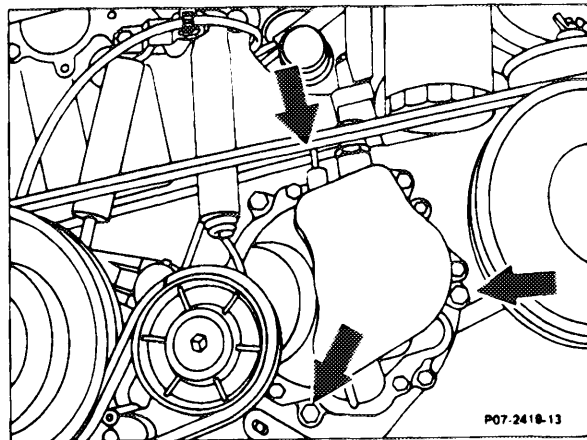
Note

Check start of delivery before performing setting work (07.1-111).

Setting

1 Turn crankshaft in direction of rotation to 15° ATDC of No. 1 cylinder.
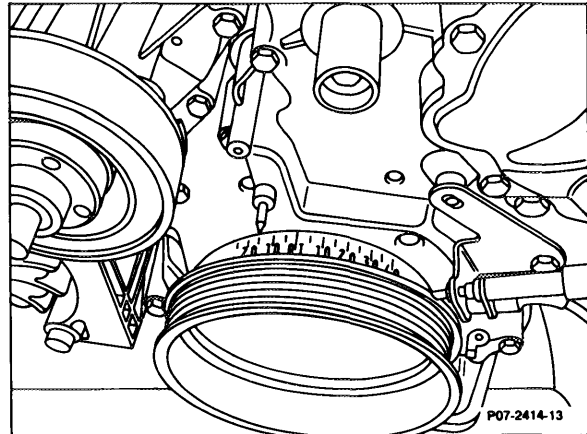
2 Loosen fastening bolts (arrows) on the injection pump flange and on supporting bracket.

Bolt on supporting bracket (arrow)

3 Connect indicating instrument (008) and terminal (009) to battery positive.

4 Swivel injection pump by turning the adjusting screw on the start of delivery adjusting device until both lamps light up.
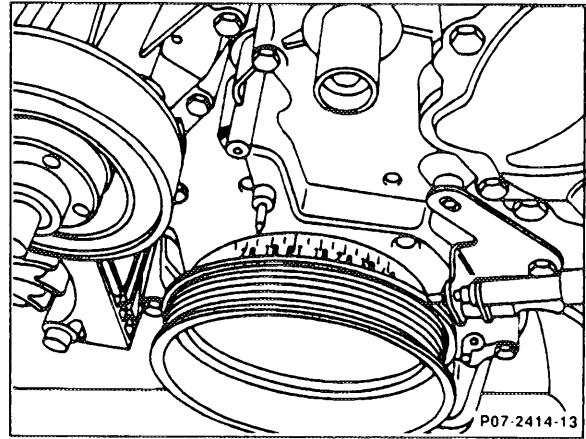
Direction of rotation of adjusting screw

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

RIV specification: 15° ± 1° ATDC

Note
If the adjustment facility is not adequate, the injection pump must be moved over. Remove, install injection pump (07.1-200).

5 Tighten fastening bolts on injection pump flange and on supporting bracket. Tightening torque 20-25 Nm.

6 Remove position sensor.

7 Screw in plug. Tightening torque 30-35 Nm.

8 Check accelerator control linkage, adjust if necessary (30-300).

9 Perform leakage test with engine running.

10 Check engine oil level, correct if necessary.