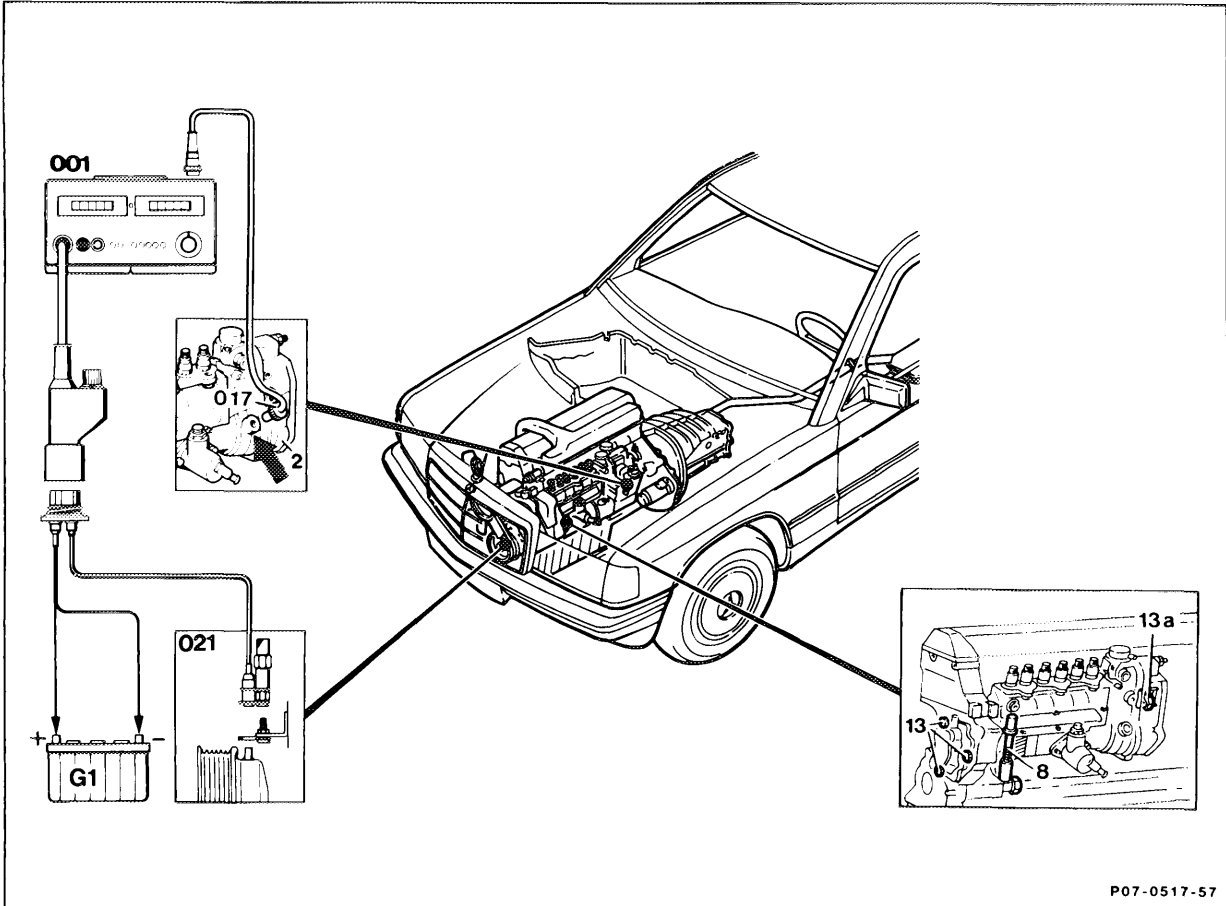


07.1-117 Setting start of delivery with digital tester (RIV Method) following testing - Turbodiesel



P07-0517-57

Fastening bolts (13 and 13a) on injection pump flange and on supporting bracket	loosen.
Engine	run at idle speed.
RI value (indirect start of delivery)	set by turning adjusting device (8).
	Direction of rotation of adjusting device (8) or screw
	to right = start of delivery retarded
	to left = start of delivery advanced
	RI specification $15^\circ \pm 1^\circ$ ATDC
Engine	turn off.
Fastening bolts (13 and 13a) on injection pump flange and on supporting bracket	tighten, tightening torque 20-25 Nm.

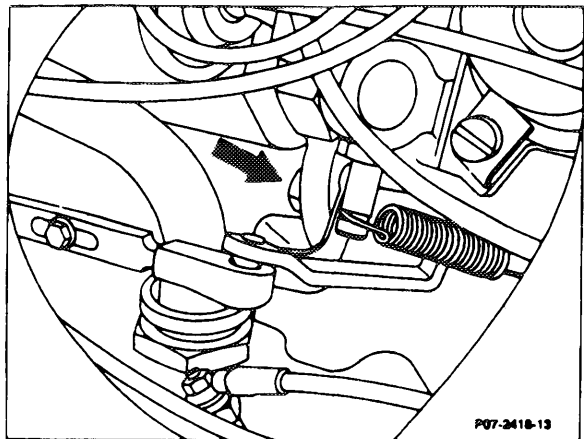
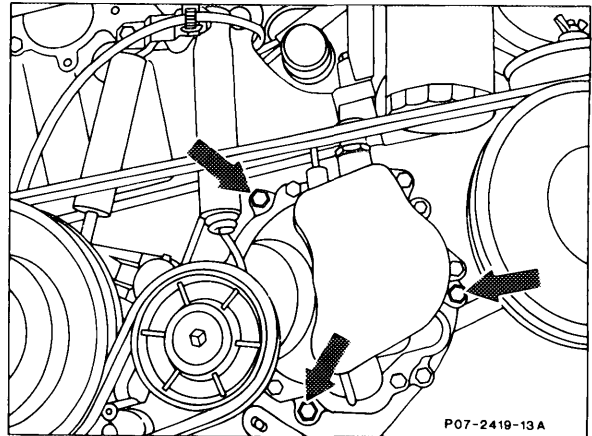
Tester (001)	disconnect.
Screw plug (arrow) on governor	screw in, tightening torque 30-35 Nm.
Accelerator control linkage	check, adjust if necessary (30-300).
Leakage check	perform with engine running.
Engine oil level	check.

Note

Check start of delivery before performing setting work (07.1-112).

Setting

1 Loosen fastening bolts (arrows) on the injection pump flange and on supporting bracket.



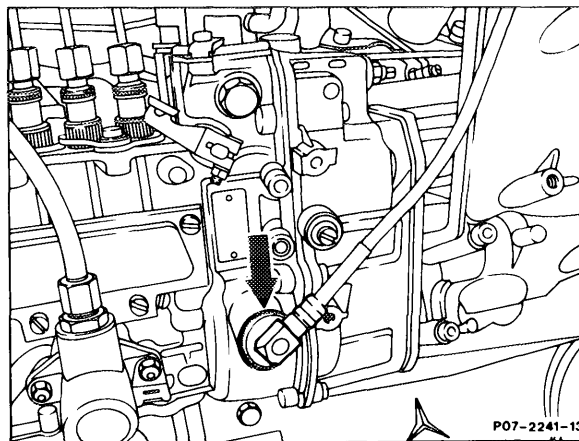
Bolt on supporting bracket (arrow)

- 2 Run engine at idle.
- 3 Set RIV value (indirect start of delivery) by turning the adjusting screw on the start of delivery adjusting device.

Direction of rotation of adjusting screw

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

RIV specification: $15^{\circ} \pm 1^{\circ}$ ATDC



Note

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

- 4 Turn off engine.
- 5 Disconnect tester.
- 6 Screw in plug on governor, tightening torque 30-35 Nm.
- 7 Tighten fastening bolts on injection pump flange and on supporting bracket. Tightening torque 20-25 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.