

07.1—116 Adjusting injection timing (begin of delivery) (position indicator RIV method) — following checkup

Job no. of flat rates or standard texts and flat rates data 07—8300.

Testing and adjusting value

RI-adjusting value (indirect injection timing)	—15° (after TDC)
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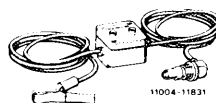
Tightening torque

Nm

Closing plug on regulator (measuring point)

30–35

Position indicator



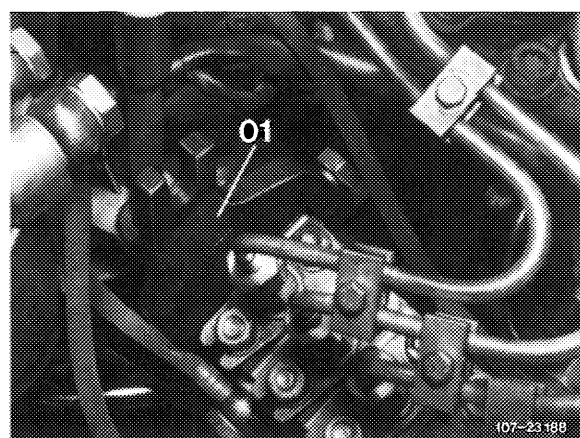
617 589 08 21 00

Note

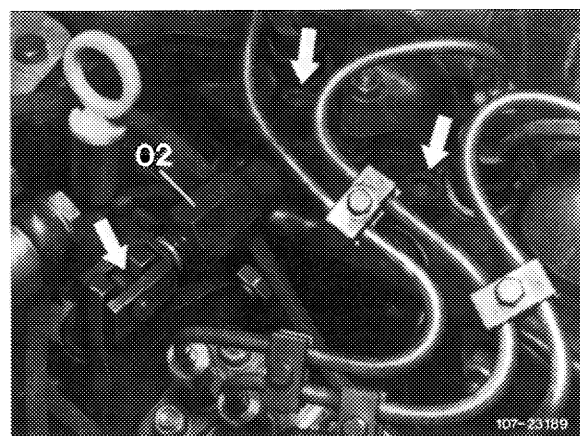
Check begin of delivery prior to adjustment (07.1—111).

Adjusting

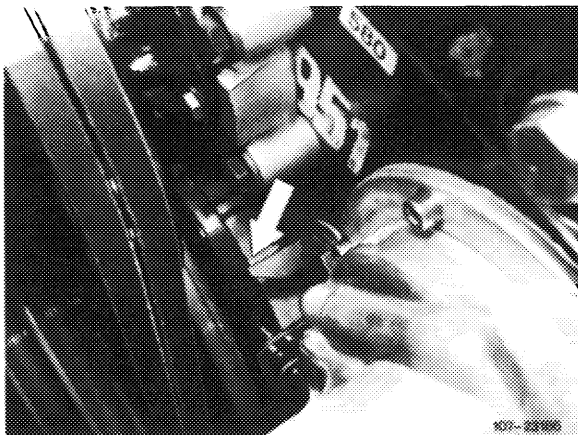
1 Mount holding bracket (01) on injection pump housing.



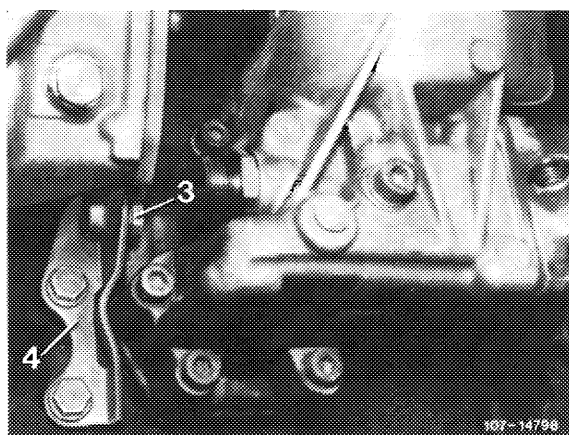
2 Place adjusting device (02) on cylinder head screws and holding fork (arrows).



3 Rotat crankshaft once in direction of rotation and set to -15° after TDC.



4 Loosen nuts on injection pump flange as well as screws (3) on supporting bracket (4).

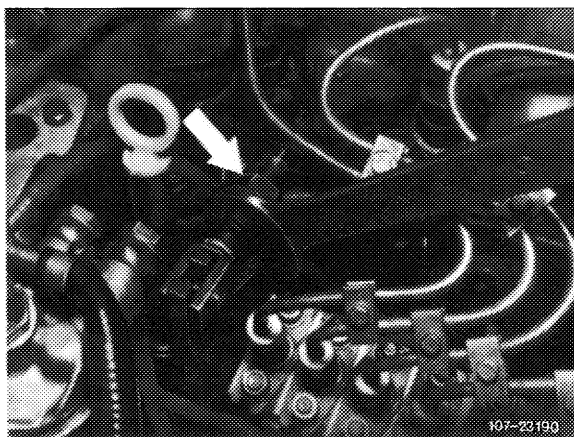


- 3 Screw
- 4 Supporting bracket

5 Adjust begin of delivery by turning hex. head screw (arrow) (-15° after TDC).

Swivelling direction of injection pump

Toward engine = advances begin of delivery
Away from engine = retards begin of delivery



6 Tighten nuts and screw for injection pump and check preset value.

7 Run engine and check for leaks.

8 Check oil level and correct, if required.

