

## 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.

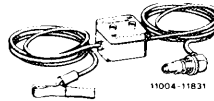
### Testing and adjusting value

RI-adjusting value (indirect injection timing) –15° (after TDC)

Tightening torque Nm

Closing plug on regulator (measuring point) 30–35

Position indicator



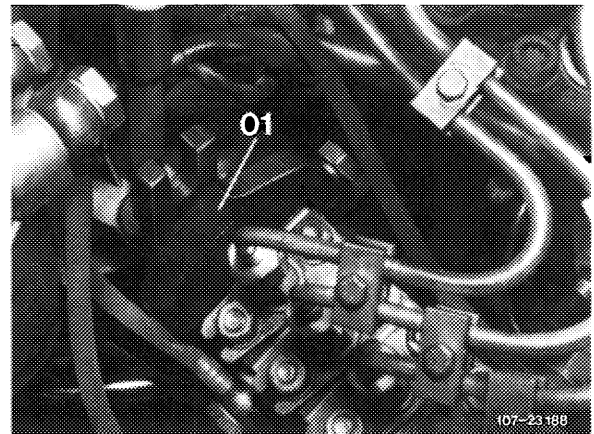
617 589 08 21 00

### Note

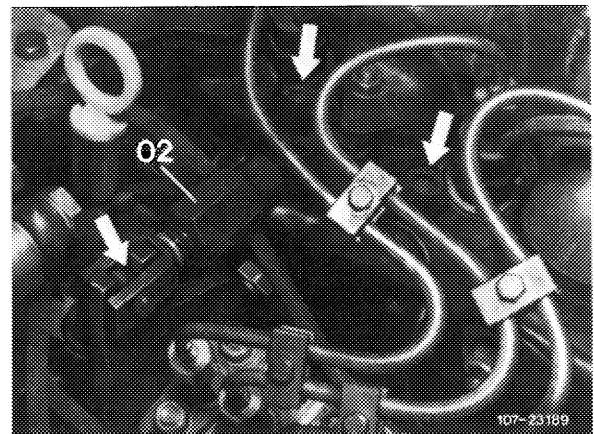
Check begin of delivery prior to adjustment (07.1–111).

### Adjusting

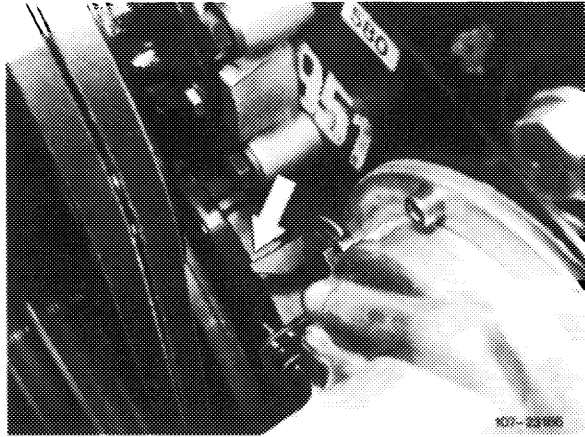
1 Mount holding bracket (01) on injection pump housing.



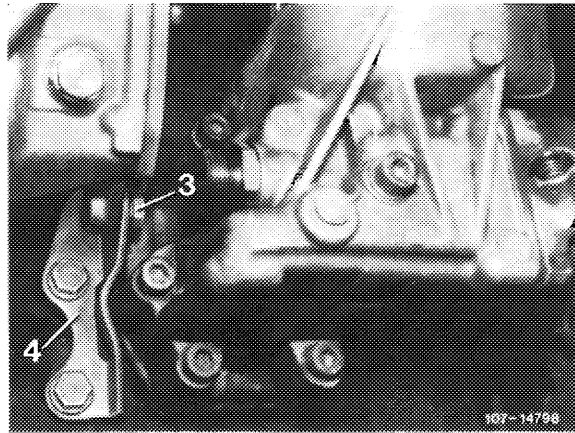
2 Place adjusting device (02) on cylinder head screws and holding fork (arrows).



3 Rotat crankshaft once in direction of rotation and set to  $-15^{\circ}$  after TDC.

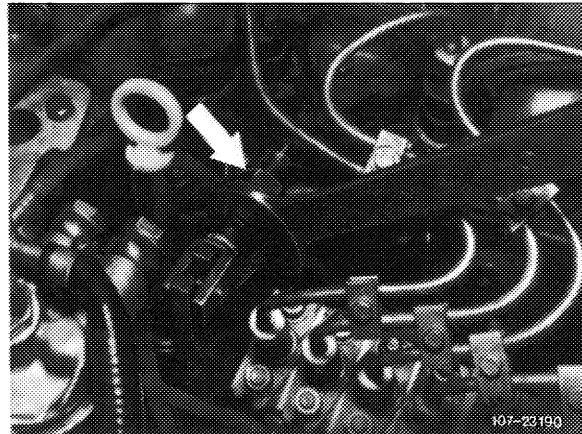


4 Loosen nuts on injection pump flange as well as screws (3) on supporting bracket (4).



- 3 Screw
- 4 Supporting bracket

5 Adjust begin of delivery by turning hex. head screw (arrow) ( $-15^{\circ}$  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.

