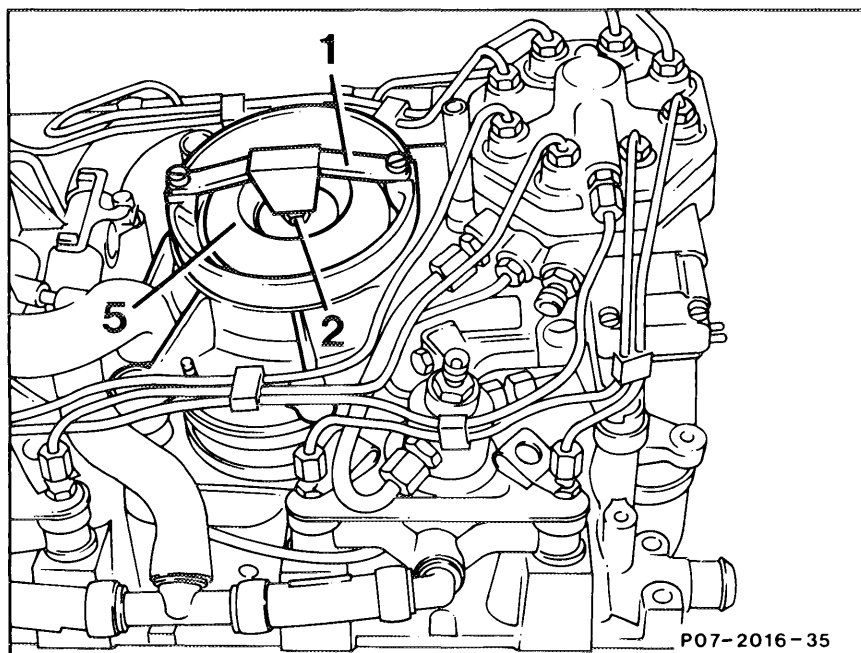


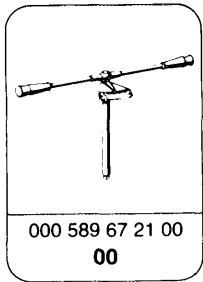
## 07.3-245 Renewing, centering sensor plate and checking and adjusting zero position of sensor plate

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|   |  |
|---|--|
| Stop bracket (1) for sensor plate ..... | unscrew, screw on.   |
| Mounting screw (2) .....                | heat up with hot air fan and carefully unscrew (risk of breaking!), screw in 5.0-5.5 Nm. |
| Sensor plate (5) .....                  | remove, reinstall, center and check zero position (observe installation instructions).   |
| Bore for sensor plate attachment .....  | clean with tap M6.   |
| Idle speed .....                        | adjust   |

## Special tool



## Commercially available equipment and tools

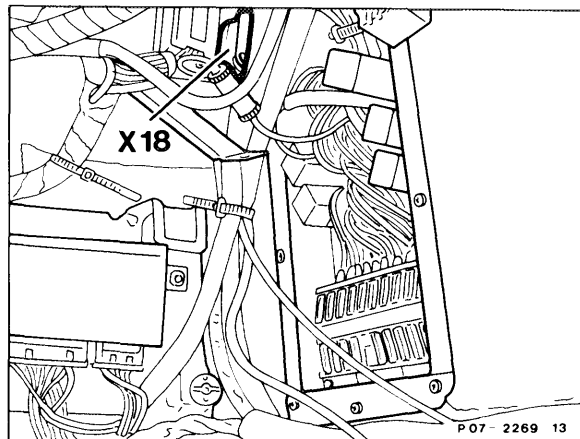
Hot air fan, M6 tap

### Installation instructions

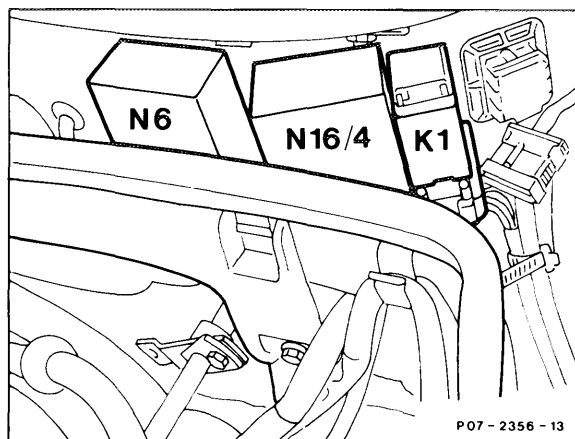
1 Install parts of the repair kit. Insert sensor plate with the inscription "top" facing up and the washer. Lightly start micro-encapsulated mounting screw (self-locking).

2 Center sensor plate. For this purpose build up fuel pressure.

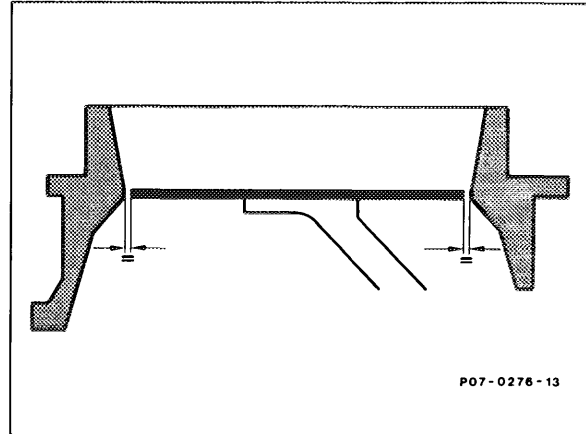
Model 107, pull off coupling tail lamp cable harness (X18) in footwell left below floor panel. Connect terminal 2 with terminal 30 (terminal block next to overvoltage protection).



Model 126, pull off fuel pump relay (N 16/4). Bridge jacks 7 and 8 (terminals 30 and 87).



With a feeler gauge of approx. 0.05 mm ensure that the sensor plate is exactly concentric. The sensor plate must not jam even with light lateral pressure (bearing play eliminated).

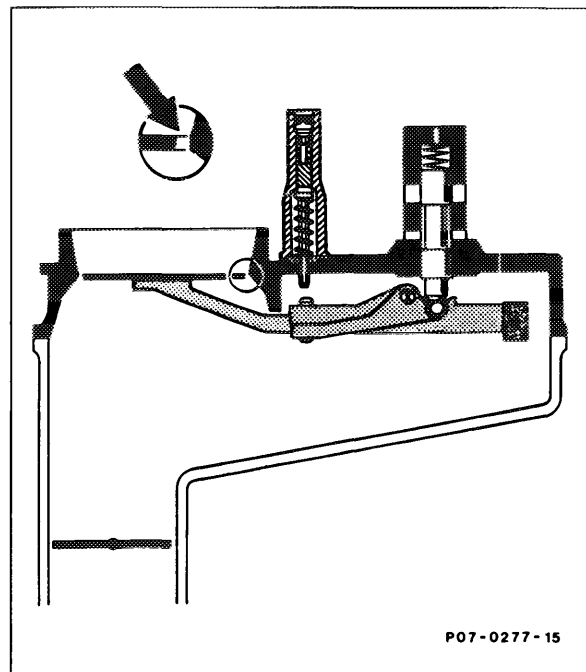


3 Secure mounting screw with 5.0-5.5 Nm and fit stop bracket.

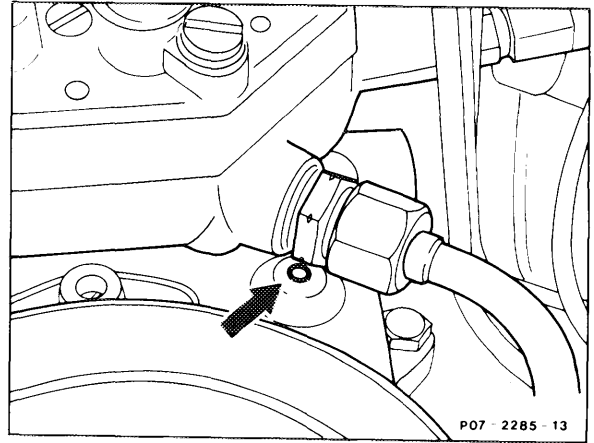
4 Check sensor plate for easy operation by manually pushing down the sensor plate. The sensor plate must not jam. Release the sensor plate, it should neither jam during the return movement. The impact on the spring-loaded stop should be audible. Recenter sensor plate if required.

5 Check zero position (position of rest) of sensor plate. The upper edge of the sensor plate must be flush with the upper edge of the cylindrical part (arrow) on the Venturi. A higher position up to a maximum of 0.2 mm is permissible.

In this position a clearance of 1–2 mm should exist when pushing the sensor plate up to the control piston.



- 6 Adjust zero position of sensor plate.
  - a) With excessively high position, unscrew fuel supply fitting, drive dowel pin (arrow) in correspondingly deeper with a suitable mandrel.
  - b) If position is too low, remove mixture control unit and drive out dowel pin from below (07.3-225).



Do not drive dowel pin in too deeply. Avoid repositioning several times in both directions as the press seat of the pin will become inadequate.

- 7 Mount fuel supply fitting, stop bracket and fuel pump relay.
- 8 Adjust idle speed (07.3-100).