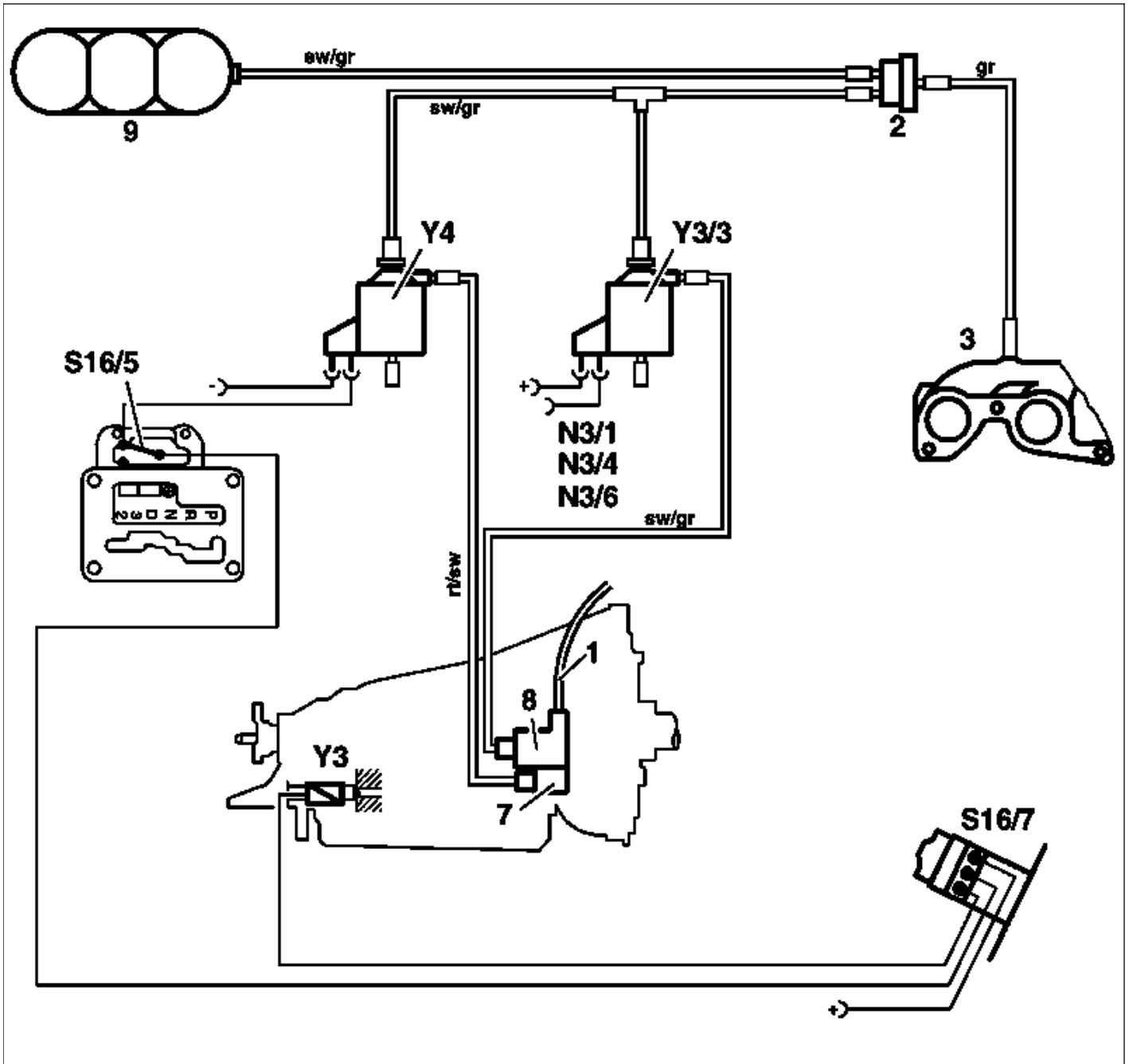


27-115 Removing, installing and adjusting control pressure cable with vacuum actuator

Operation number of the operation texts and work units or standard texts and flat rates:  
27-6820

B. Vehicles with upshift delay (TWC heating)



P27-5217-59

- 1 Control pressure cable
- 2 Check valve
- 3 Engine intake manifold
- 7 2nd mode program vacuum actuator
- 8 Upshift delay vacuum actuator
- 9 Vacuum reservoir
- N3/1 LH-SFI control module
- N3/4 Engine control module (HFM-SFI)

- N3/6 PEC control module
- S16/5 Transmission mode switch
- S16/7 Kickdown switch (transmission mode)
- Y3 Kickdown valve (AT)
- Y3/3 Upshift delay switchover valve
- Y4 Transmission mode switchover valve

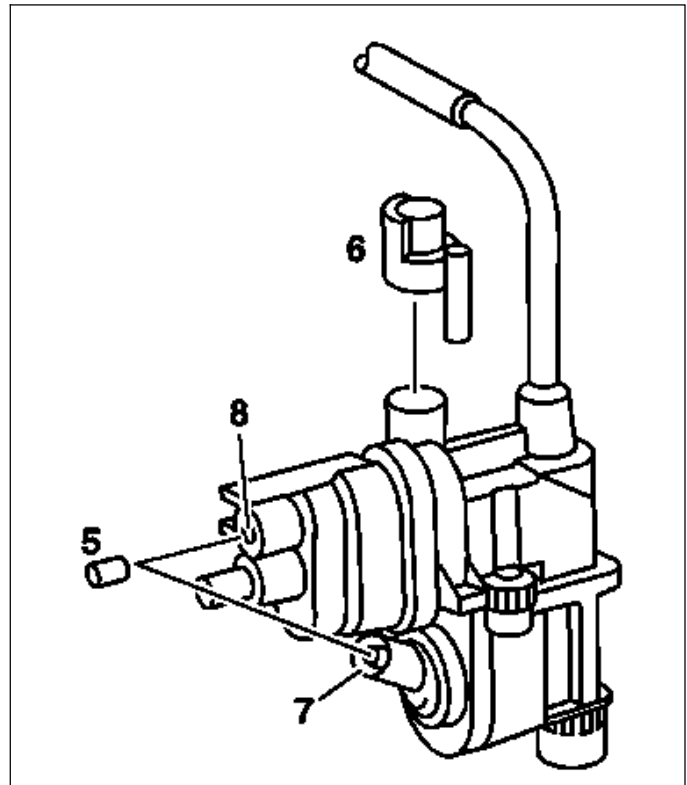
**Note**

Phased in as of 07/93, a standardized control pressure cable has been fitted in the body.

The control pressure cable with 2 vacuum actuators in the plastic housing is also used for the transmission which does not need the two vacuum actuators.

The vacuum actuator with selector program (7) should be sealed with a blind plug (5) to prevent contamination. The vent connection is to provided with a cap (6).

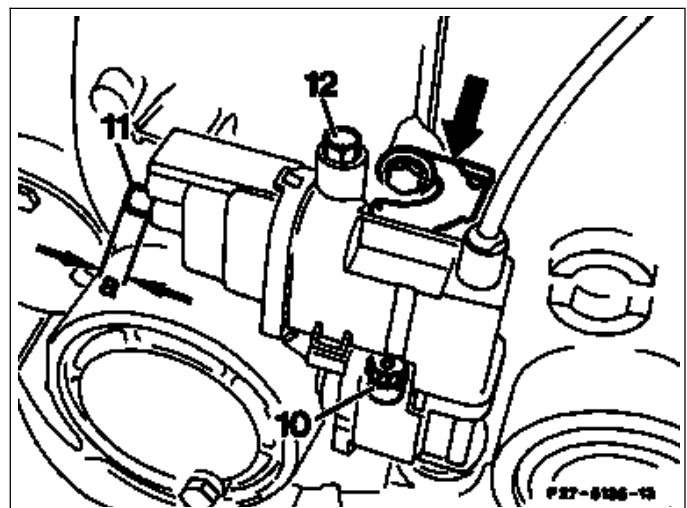
- 5 Blind plug
- 6 Cap
- 7 Vacuum actuator with selector program
- 8 Vacuum actuator with upshift delay



P27-5241-15

**Removing and installing (with upshift delay)**

- 1 Turn locking plate (arrow) upwards.
- 2 Swing control pressure cable with vacuum actuator away from transmission housing and disconnect.
- 3 Perform basic setting:  
Transfer distances "a" and "b" from old control pressure cable to new cable.
  - a) Distance "a": Measure and adjust position of adjusting screw (11).
  - b) Apply > 400 mbar vacuum to vacuum actuator (7).
  - c) Compress control pressure cable and then extend again.
  - d) Distance "b": Measure position of slide (2) and adjust at adjusting screw (10).



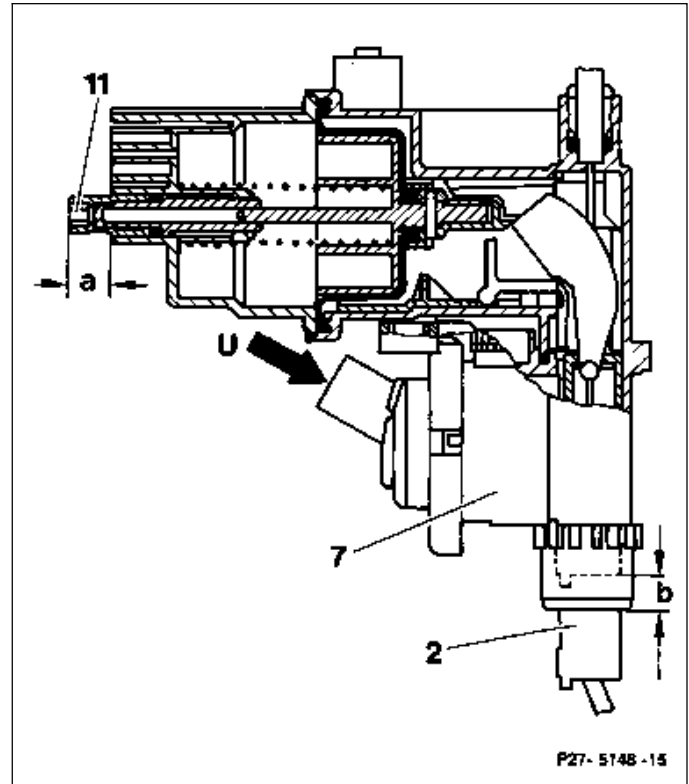
P27-5135-13

- 4 Fit cap (12).



Risk of water penetration!

- 5 Pull out valve (2) using a hook until it engages in the assembly position.
- 6 Hook control pressure cable with vacuum element into transmission and install. Ensure that it is correctly engaged!



P27-5148-15

### Checking upshift delay

- 1 Connect the two vacuum lines to upshift delay switchover valve (Y3/3). Upshift delay is activated.
- 2 Check on a road test in selector lever position "D" and low throttle. For adjustment values, see shift point table, op. no. 27-330.

#### Note

- Turn adjusting screw (11) **clockwise**: shift point at lower speed.
- Turn adjusting screw (11) **anti-clockwise**: shift point at higher speed.