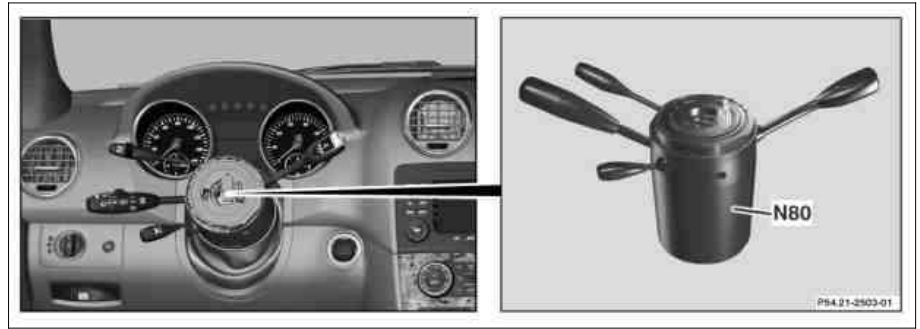


MODEL 164.1 /8 up to Model Year 8

N80 Steering column module



P54.21-2505-04

Location

The steering column module is located on the steering column in the vehicle interior.

Task

Reading the following switches:

- Combination switch (S4)
 - Left and right turn signal switch (S4s1) (turn signaling/one-touch turn signaling)
 - Wipe switch (S4s5)
 - Windshield washer system switch (S4s4)
 - Rear-end door intermittent wash switch (S4s13)
 - Rear-end door window washer system switch (S4s12)
 - Headlamp flasher/high beam switch (S4s2)
- Steering column adjustment switch (S59)
 - Steering column in/out, up/down

- Steering column adjustment/steering wheel heater switch (S59/1) (only 164.8 with steering wheel heater, code 443)
- Steering column adjustment up/down, in/out switch (S59/1s1)
- Steering wheel heater switch (S59/1s2) (only 164.8 with steering wheel heater, code 443)
- DIRECT SELECT gear selector switch (S16/13)
 - actuated in vertical direction (drive positions)
 - R - Reverse
 - N - Up - Neutral
 - 0 - Park position
 - N - Down - Neutral
 - D - Forward
 - actuated in axial direction
 - P - Park pawl engaged
- Cruise control switch (USA S40, except USA S40/4)
- DTR distance potentiometer (USA S40r1, except USA S40/4r1)
- Steering angle sensor (N49)
- Switches of multifunction steering wheel

i Communication between the steering column module and steering wheel takes place over the LIN bus (Local Interconnect Network).

i The steering angle sensor no longer has to be initialized with circuit 30 "OFF".

Actuation of:

- Steering wheel heater function illumination (only 164.8 with steering wheel heater, code 443)
 - Switch and controls illumination in multifunction steering wheel (controlled via LIN bus)
- i** The voice control system is designed as a preinstallation (dealer option) and is special equipment for the multifunction steering wheel.