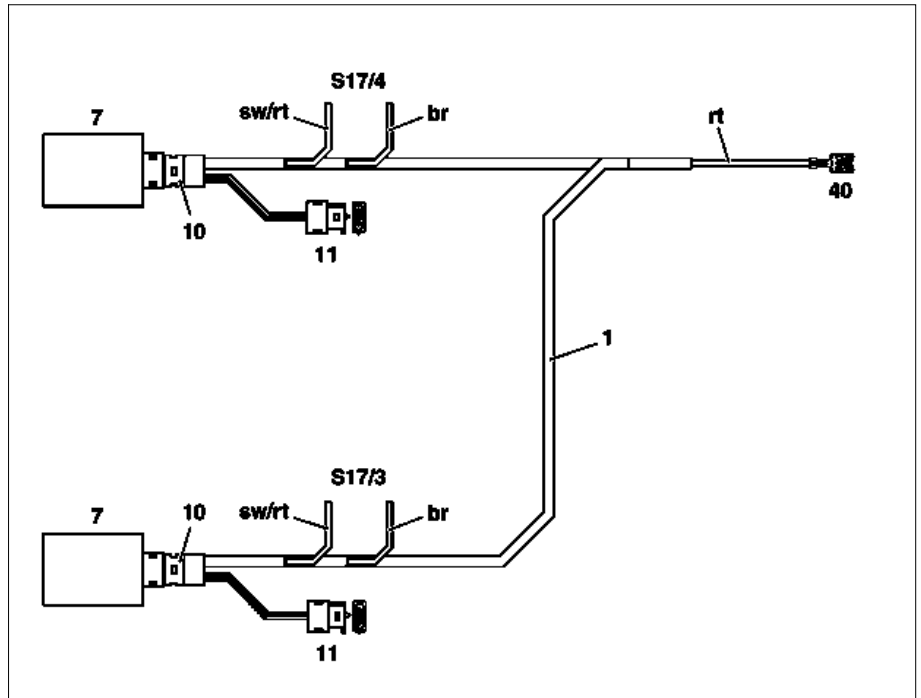


Wiring harness connection schematic illuminated door sill molding

- 1 Cable harness, illuminated entrance trim panel
- 7 Converter
- 10 8-pin connector, converter
- 11 2-pin connector, luminous strap
- 40 Fuse box
- S17/3 Left door contact switch
- S17/4 Right door contact switch
- br Brown wire, door contact switch
- rt Supply line
- sw/rt Black/red wire, door contact switch

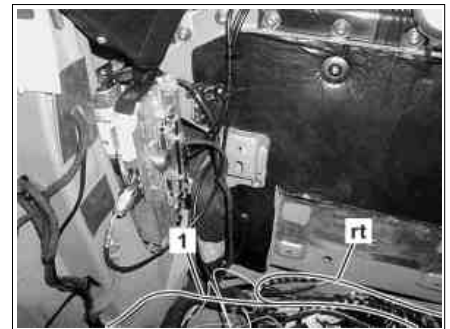
i The cable lug to the fuse box (40) should be crimped to the two supply lines (red).



P82.20-2318-06

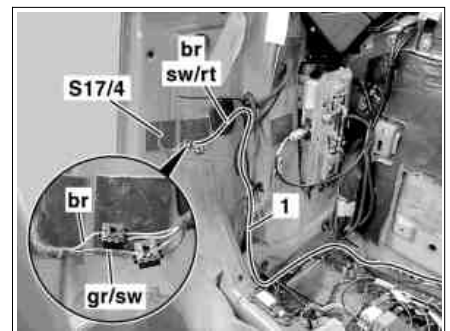
- 1 Route the branch-off line of the supply lines (red) of the wiring harness for the illuminated door sill molding (1) to the rear signal and acquisition module (SAM).
- 2 Route both branch-off lines of the illuminated door sill molding wiring harness (1) to the door contact switches.

i The longer branch-off line is routed to the left door contact switch.



P82.20-2319-01

- 3 Guide branch-off line with brown and black/red wire (br, sw/rt) from the illuminated door sill molding wiring harness (1) to the right door contact switch (S17/4) and secure to existing wires.
- 4 Tie up standard wiring harness of right door contact switch (S17/4) approx. 60 mm and expose the brown and gray/black wire (br, gr/sw).
- 5 Using a cable clamping connector, connect the brown cable (br) from the wiring harness for the illuminated door sill molding to the brown cable (br) of the production wiring harness. Using a cable clamping connector, connect the black/red cable (sw/rt) to the gray/black connector (gr/sw)

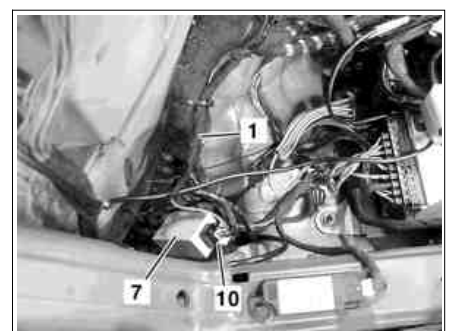


P82.20-2320-01

- 6 Connect converter (7) enclosed with 8-pin connector (10) to illuminated door sill molding wiring harness (1). (see right Figure)
- 7 Guide branch-off line with 2-pin connector through to the lamp strip (11) under crossmember (see detail in left figure) and guide under the floor covering to the right door.

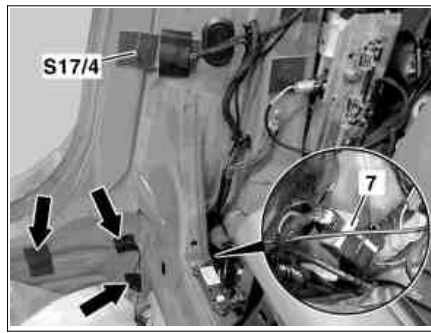


P82.20-2322-01



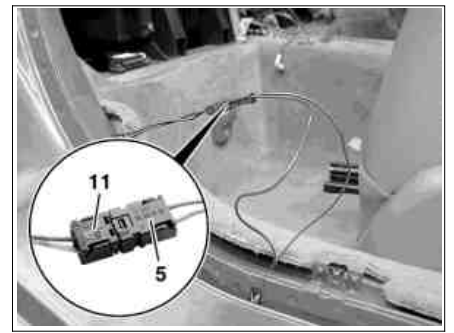
P82.20-2321-01

- 8 Connect the 2-pin coupling (11) to the mating plug (5) of the lamp strip, secure the cable and the connector (5, 11) with felt strips (see arrows in left Figure).



P82.20-2323-01

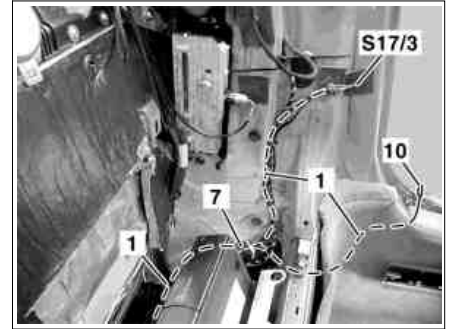
- 9 Secure clamp connection at the right door contact switch wiring harness (S17/4) with felt tape to body.



P82.20-2324-01

- 10 Wind felt tape around converter (7) and secure with tie straps to existing wires (see detail).

- 11 Route illuminated door sill molding wiring harness (1) analog to the routing on the right vehicle side to the left door contact switch (S17/3) and secure.



P82.20-2325-01

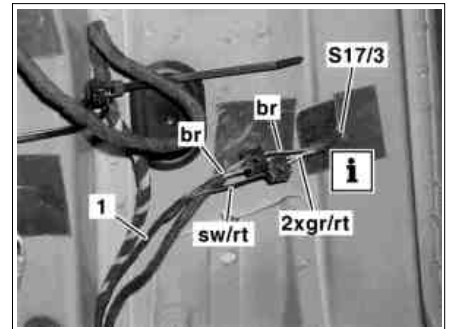
7 Converter

- 12 Tie up standard wiring harness of left door contact switch (S17/3) approx. 60 mm and expose the brown and the two gray/red wires (br, gr/rt).

- 13 Guide branch-off line with brown and black/red wire (br, sw/rt) from the illuminated door sill molding wiring harness (1) to the left door contact switch (S17/3) and secure to existing wires.

i Both gray/red wires (gr/rt) can be used as desired for the connection to the black/red wire (sw/rt) from the illuminated door sill molding wiring harness (1).

- 14 Connect both brown wires (br) and one of the gray/black wires (gr/sw) to the black/red wire (sw/rt) using one cable clamp connector each.



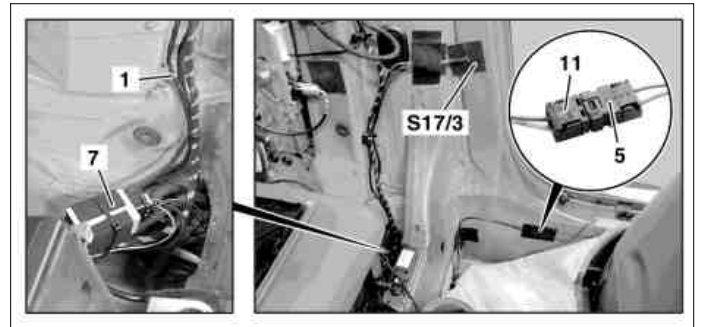
P82.20-2326-01

- 15 Wind felt tape around converter (7) and secure with tie straps to existing wires (see figure cutout).

- 16 Secure clamp connection at the left door contact switch wiring harness (S17/3) with felt tape to body.

- 17 Connect 2-pin connector (11) to counter connector (5) of the lamp strip and secure cable with the connector using felt strips according to figure (see detail).

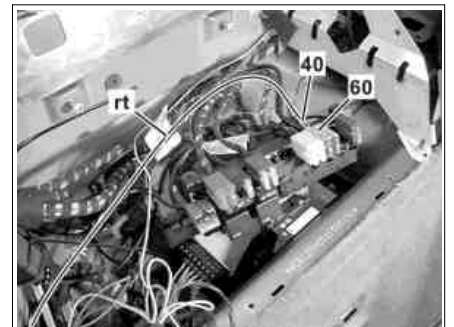
1 Cable harness, illuminated entrance trim panel



P82.20-2327-10

- 18 Insert cable lug (40) in fuse holder (60) and insert a 10A fuse.

i If the fuse holder (60) is already assigned, then the red supply line (rt) should be soldered onto the outlet of the fuse holder (60) and a 15 A fuse should be used.



P82.20-2502-01