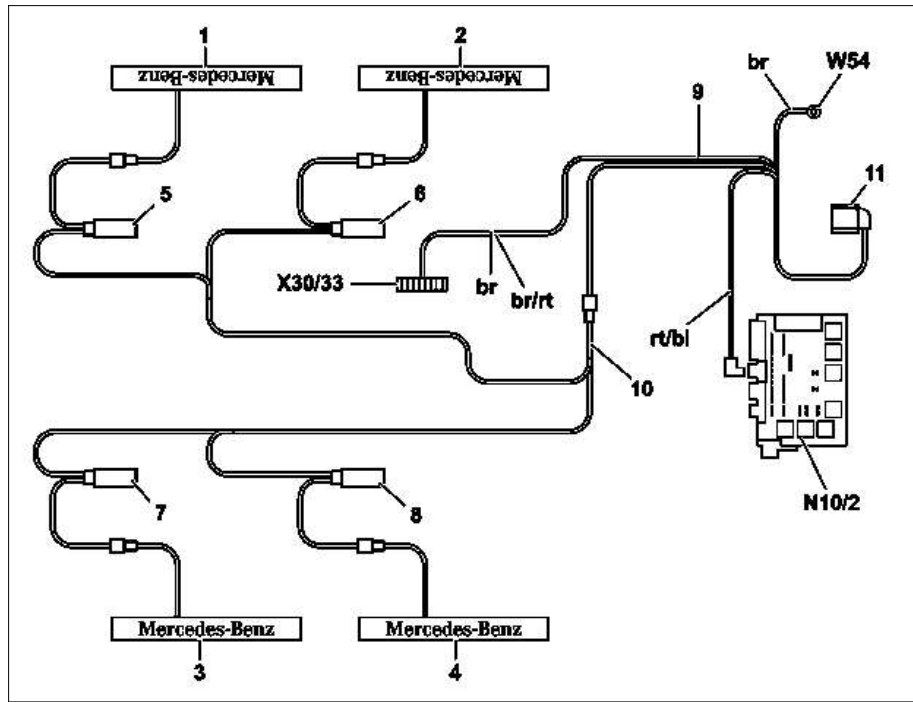


Connection scheme

- 1 Right front illuminated door sill molding
- 2 Right rear illuminated door sill molding
- 3 Left front illuminated door sill molding
- 4 Left rear illuminated door sill molding
- 5 Converter
- 6 Converter
- 7 Converter
- 8 Converter
- 9 Power supply wiring harness
- 10 Illuminated door sill moldings wiring harness
- 11 Illuminated door sill moldings control unit



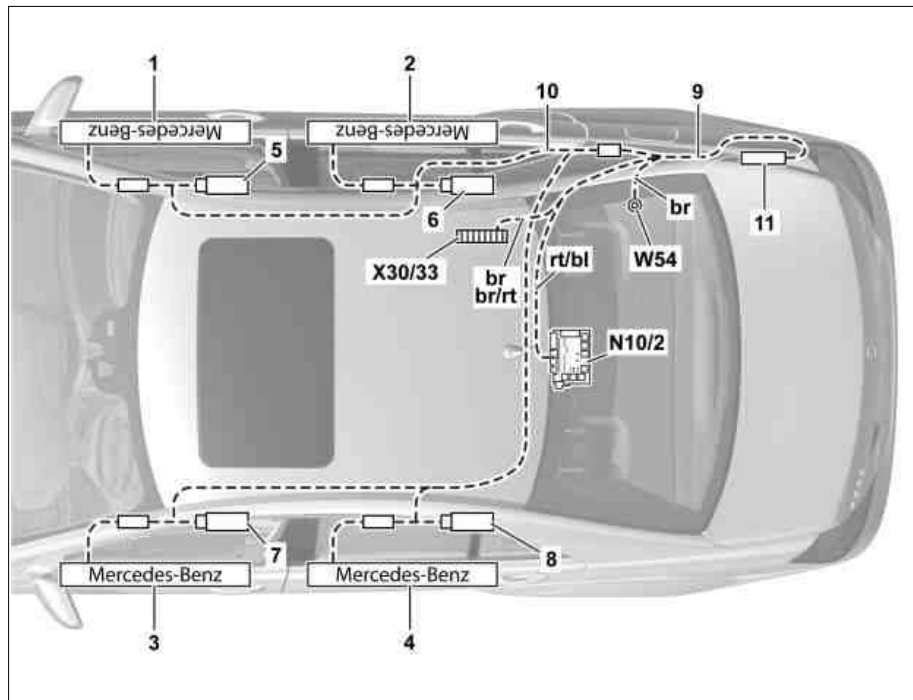
P82.20-3815-06

- N10/2 Rear SAM control unit with fuse and relay module
- W54 Ground (right rear wheelhouse)
- X30/33 Right interior CAN/FFS [RBA] voltage distributor connector

- br Brown line
- br/rt Brown/red line
- rt/bl Red/blue line

Routing diagram

- 1 Right front illuminated door sill molding
- 2 Right rear illuminated door sill molding
- 3 Left front illuminated door sill molding
- 4 Left rear illuminated door sill molding
- 5 Converter
- 6 Converter
- 7 Converter
- 8 Converter
- 9 Power supply wiring harness
- 10 Illuminated door sill moldings wiring harness
- 11 Illuminated door sill moldings control unit

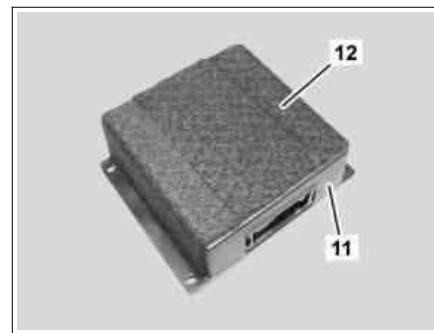


P82.20-3816-06

- N10/2 Rear SAM control unit with fuse and relay module
- W54 Ground (right rear wheelhouse)
- X30/33 Right interior CAN/FFS [RBA] voltage distributor connector

- br Brown line
- br/rt Brown/red line
- rt/bl Red/blue line

- 1 Affix felt tape (12) to illuminated door sill moldings control unit (11) as shown.

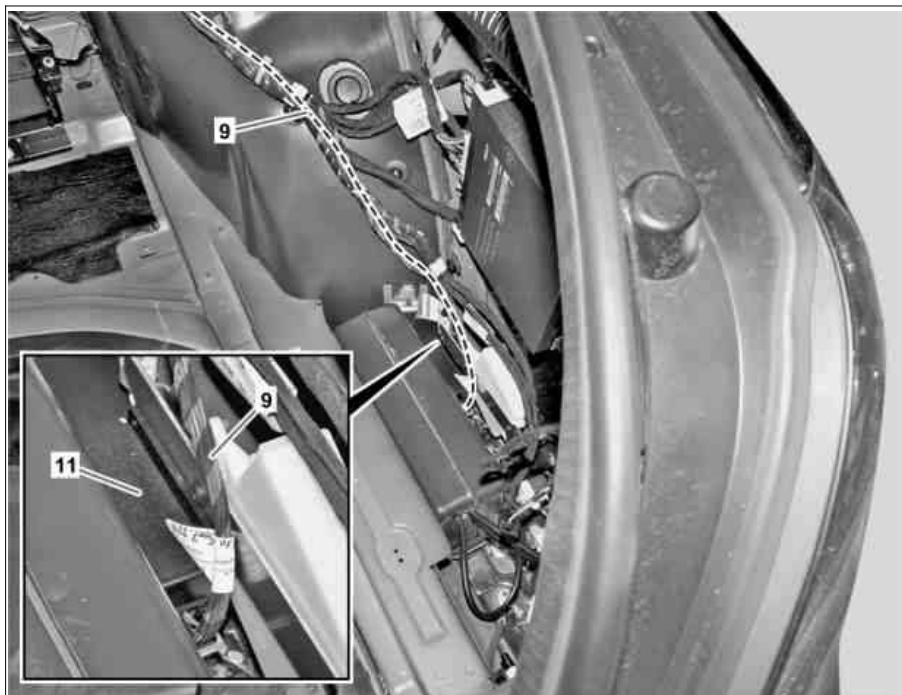


P82.20-3817-01

- 2 Connect and lock black 18-pin coupling of power supply wiring harness (9) at illuminated door sill moldings control unit (11).

- 3 Glue illuminated door sill moldings control unit (11) on control unit carrier plate in trunk at right rear.

i The connection must point toward the rear.

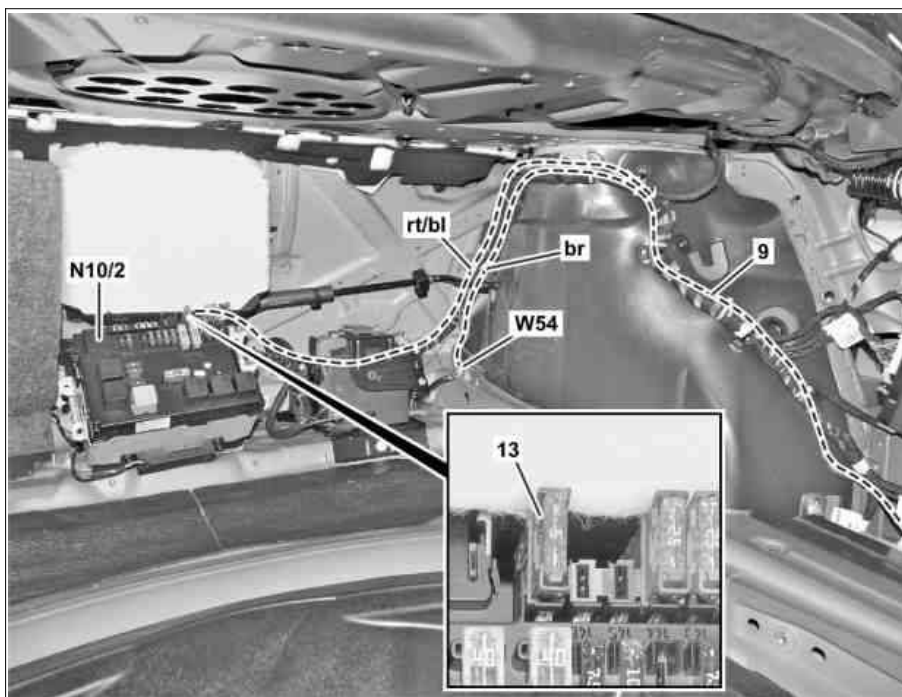


P82.20-3818-06

- 4 Route power supply wiring harness (9) from illuminated door sill moldings control unit to center of wheel well and fix in place using cable ties.

- 5 Route brown line (br) of power supply wiring harness (9) to right rear wheel well ground (W54) and connect.

- 6 Route red-blue line (rt/bl) of power supply wiring harness (9) to rear SAM control unit with fuse and relay module (N10/2) and fix in place using cable ties.

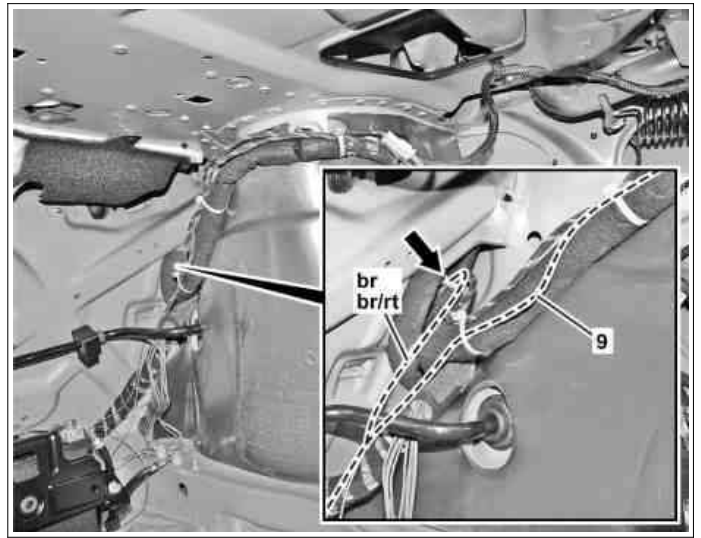


P82.20-3819-06

- 7 Attach violet fuse carrier (13) at slot "147" of rear SAM control unit with fuse and relay module (N10/2).

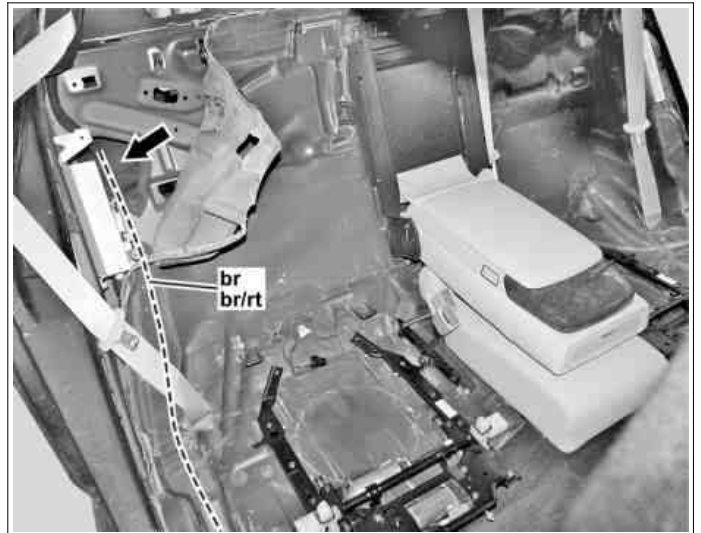
i Slot "147" is labeled.

- 8 Route brown line (br) and brown/red line (br/rt) twisted together through opening (arrow) in partition wall along the existing lines into interior and fix in place using cable ties.



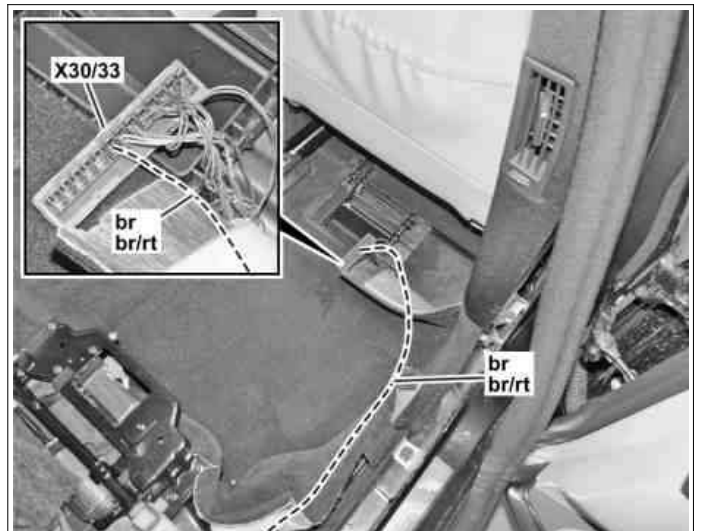
P82.20-3820-11

- 9 Route brown line (br) and brown/red line (br/rt) twisted together from opening (arrow) along the existing lines to cable duct at door cutout and fix in place using cable ties.



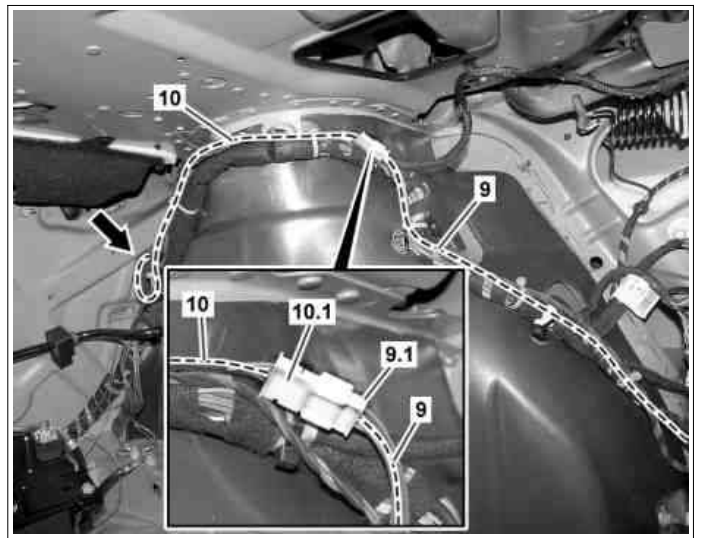
P82.20-3821-11

- 10 Route twisted brown line (br) and brown/red line (br/rt) in cable ducts to right interior CAN/FFS [RBA] potential distributor connector (X30/33).
- 11 Connect black 2-pin coupling of twisted brown line (br) and brown/red line (br/rt) to any free slot of right interior CAN/FFS [RBA] potential distributor connector (X30/33).



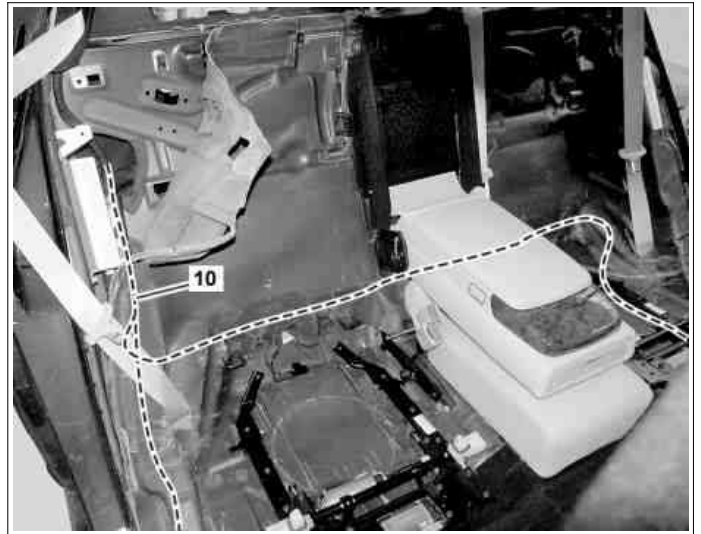
P82.20-3822-11

- 12 Route white 6-pin plug (10.1) of illuminated door sill moldings wiring harness (10) from interior through opening (arrow) in partition wall to white 6-pin coupling (9.1) of power supply wiring harness (9) and fix in place using cable ties.
- 13 Connect white 6-pin coupling (9.1) of power supply wiring harness (9) with white 6-pin plug (10.1) of illuminated door sill moldings wiring harness (10).



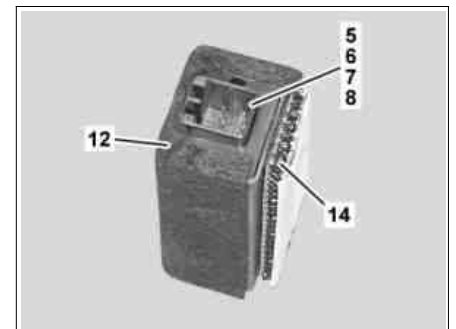
P82.20-3823-11

- 14 Route right branch-off line of illuminated door sill moldings wiring harness (10) along the existing lines into right rear footwell and fix in place using cable ties.
 The branch-off lines are labeled.
- 15 Route left branch-off line of illuminated door sill moldings wiring harness (10) along partition wall to left rear footwell and fix in place using felt strips and cable ties.
 The branch-off lines are labeled.



P82.20-3824-11

- 16 Wrap felt tape (12) around all four converters (5, 6, 7 and 8) as shown.
- 17 Attach a velcro strip (14) as shown on all four converters (5, 6, 7 and 8).

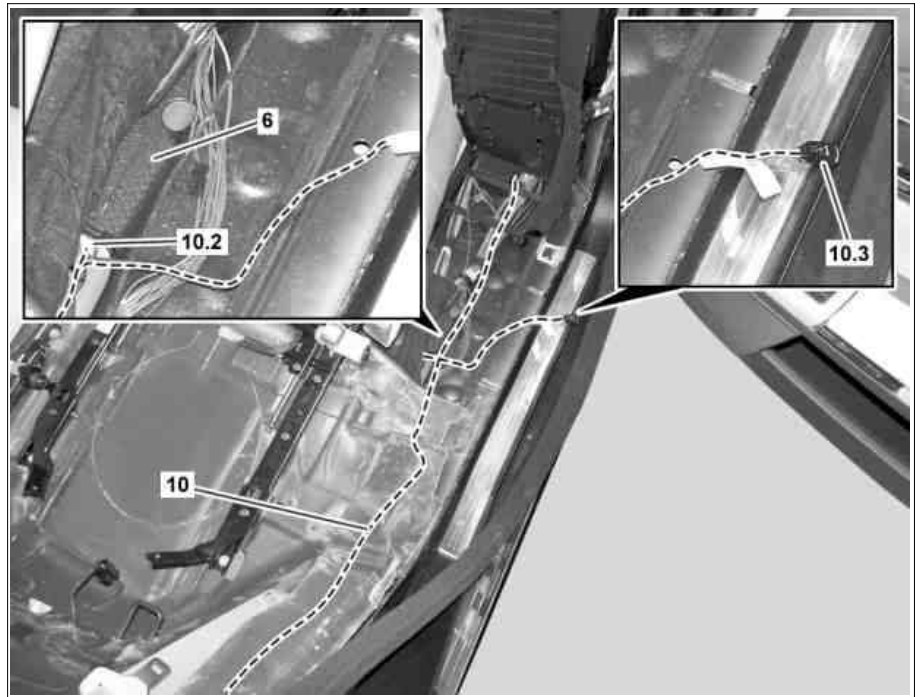


P82.20-3825-01

- 18 Connect black 8-pin coupling (10.2) of rear right branch-off line of illuminated door sill moldings wiring harness (10) to converter (6).

i The branch-off lines are labeled.

- 19 Remove carrier film of the previously attached velcro strip and bond converter (6) in cable duct.



P82.20-3826-06

- 20 Route branch-off line of illuminated door sill molding, rear right, to right rear door cutout and fix in place using velcro strip.

i The branch-off lines are labeled. The black 2-pin coupling (10.3) is connected upon installation of the illuminated door sill molding.

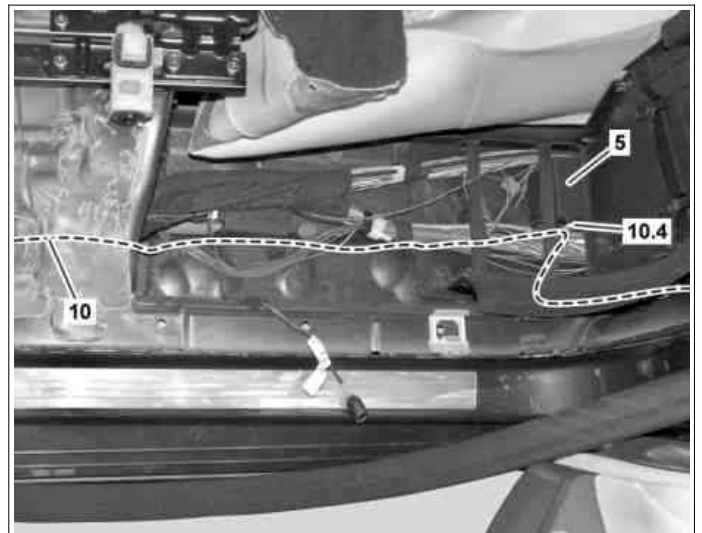
- 21 Connect black 8-pin coupling (10.4) of front right branch-off line of illuminated door sill moldings wiring harness (10) to converter (5).

i The branch-off lines are labeled.

- 22 Remove carrier film of the previously attached velcro strip and bond converter (5) in cable duct.

- 23 Route branch-off line of illuminated door sill molding, front right, to right front door cutout and fix in place using velcro strip.

i The branch-off lines are labeled. The black 2-pin coupling is connected upon installation of the illuminated door sill molding.

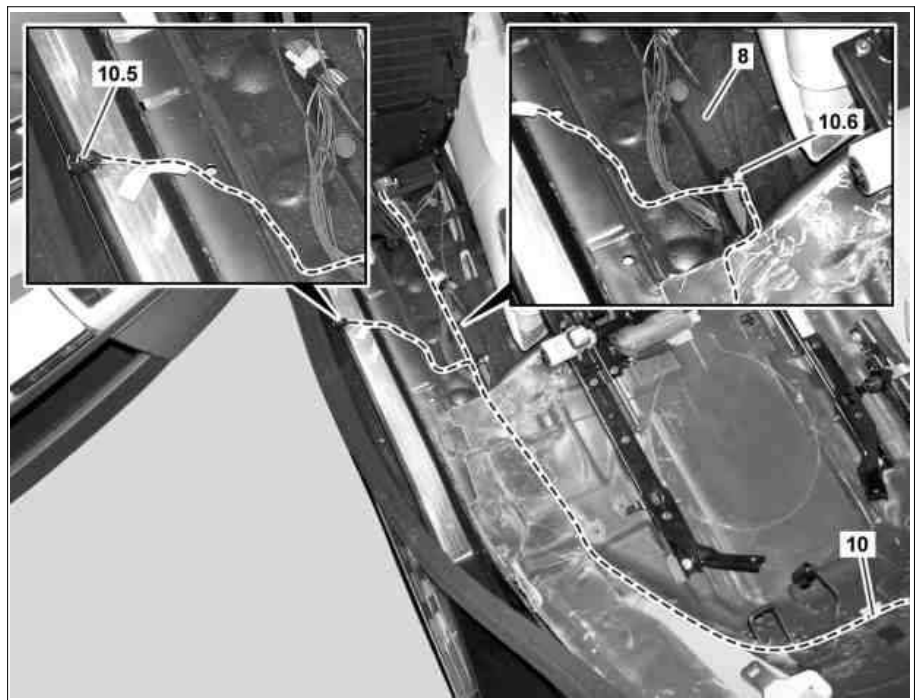


P82.20-3827-11

- 24 Connect black 8-pin coupling (10.6) of rear left branch-off line of illuminated door sill moldings wiring harness (10) to converter (8).

i The branch-off lines are labeled.

- 25 Remove carrier film of the previously attached velcro strip and bond converter (8) in cable duct.



P82.20-3828-06

- 26 Route branch-off line of illuminated door sill molding, rear left, to left rear door cutout and fix in place using velcro strip.

i The branch-off lines are labeled. The black 2-pin coupling (10.5) is connected upon installation of the illuminated door sill molding.

- 27 Connect black 8-pin coupling (10.7) of front left branch-off line of illuminated door sill moldings wiring harness (10) to converter (7).

i The branch-off lines are labeled.

- 28 Remove carrier film of the previously attached velcro strip and bond converter (7) in cable duct.

- 29 Route branch-off line of illuminated door sill molding, front left, to left front door cutout and fix in place using velcro strip.

i The branch-off lines are labeled. The black 2-pin coupling is connected upon installation of the illuminated door sill molding.



P82.20-3829-11