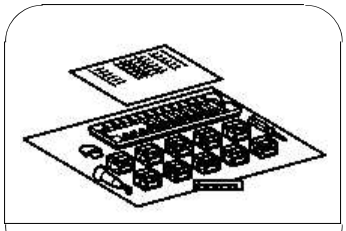
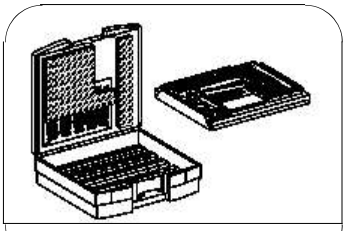
Model 205.0## 1#
with code 460 (Canada version)
Model 205.0## 1#
with code 494 (US version)



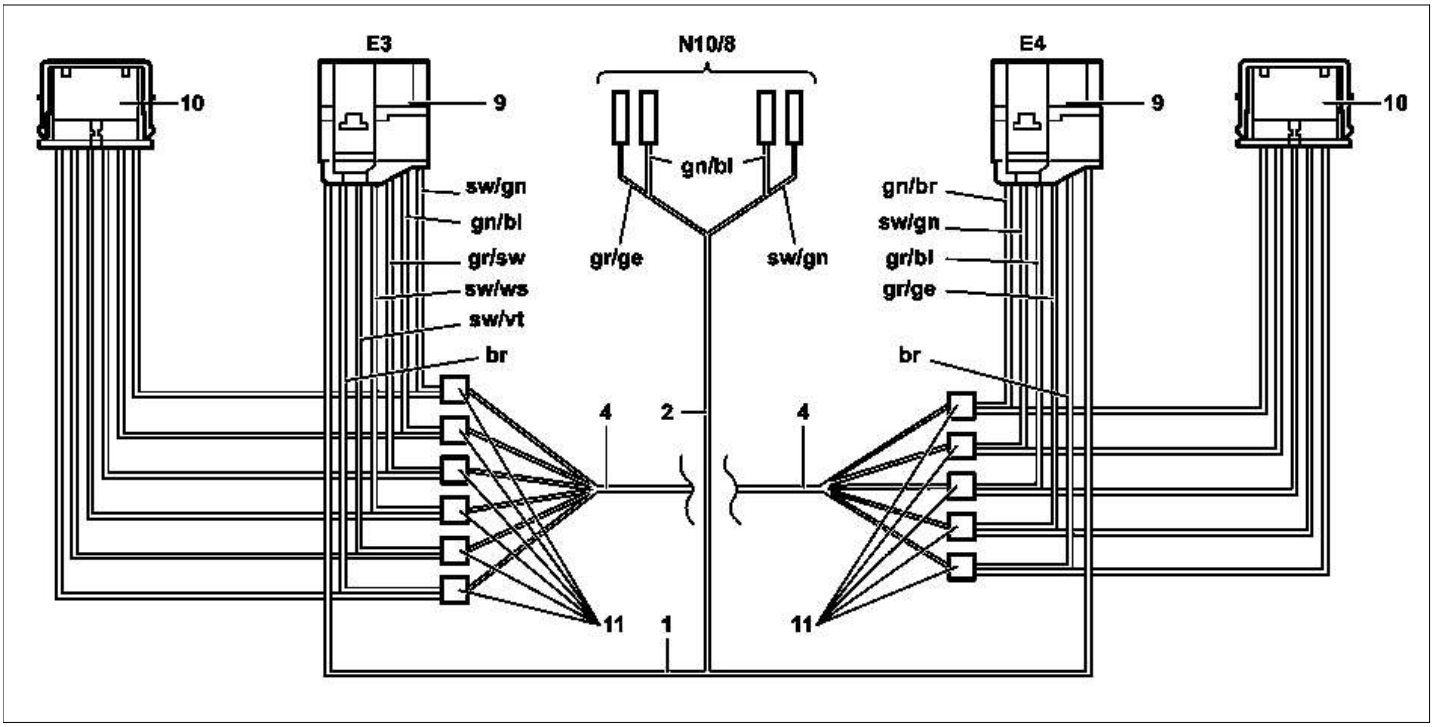
220 589 04 99 00

New passenger car wiring harness repair kit



000 589 13 99 00

Wiring harness repair kit, basic



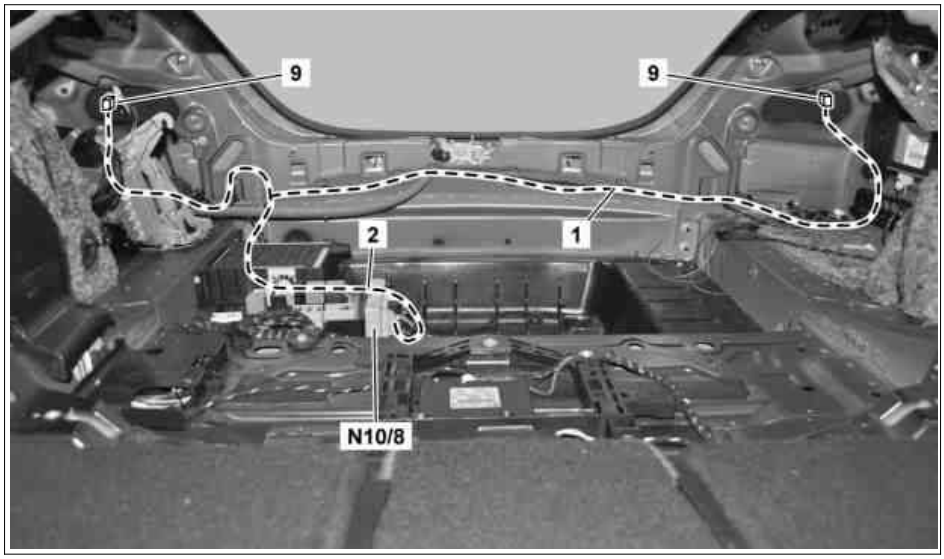
P82.10-7824-09

Connection scheme

1 Wiring harness
2 Branch-off line
4 Vehicle wiring harness
9 10-pin connector
10 7-pin coupling
11 Potential distributor
E3 Left rear lamp unit
E4 Right rear lamp unit
N10/8 Rear SAM control unit

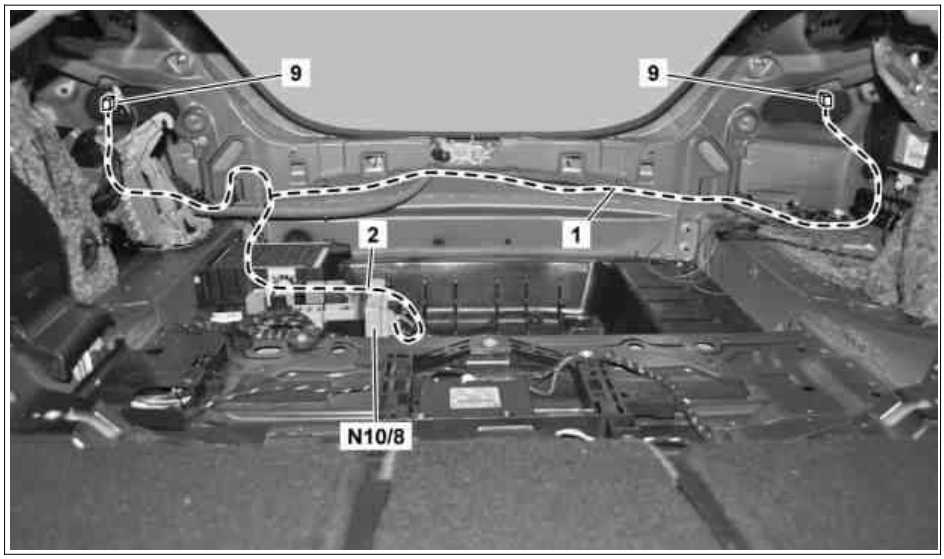
Routing diagram

1 *Wiring harness*
2 *Branch-off line*
9 *10-pin connector*
N10/8 *Rear SAM control unit*



P82.10-7715-05

1 Route wiring harness (1) from left rear lamp unit (E3) to right rear lamp unit (E4) and clip into rear center section in given bores.



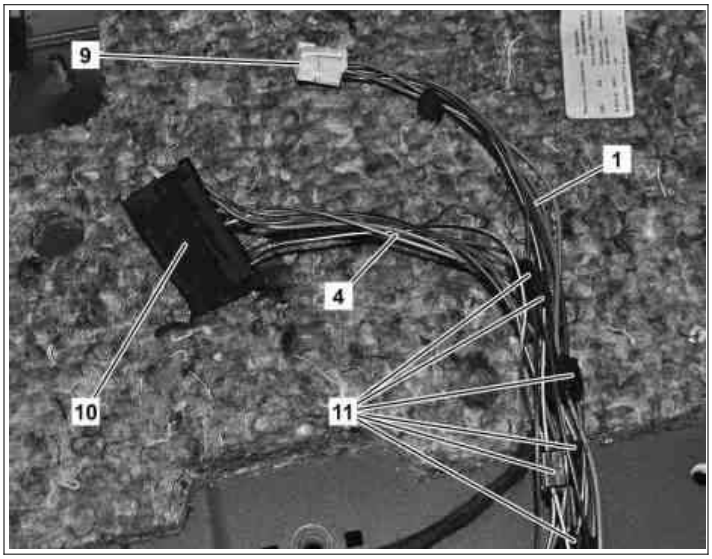
P82.10-7715-05

2 Strip vehicle wiring harness (4) from 7-pin connector (10) by approx. 10 cm.

3 Connect wiring harness (1) and vehicle wiring harness (4) at left rear lamp unit (E3) with potential distributor (11).

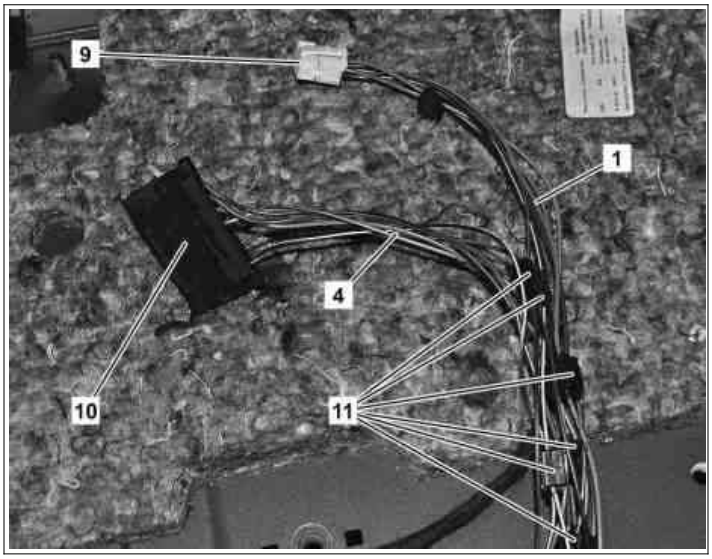
i Use basic wiring harness repair kit or supplementary car wiring harness repair kit.

i In the following list, connect the lines for the wiring harness (1) to the 7-pin connector (10) of the vehicle wiring harness (4), and cut off any excess line lengths. Wrap felt tape around the potential distributor (11).



P82.10-7719-11

- Black/white (BK/WH) line to contact cavity 1 of 7-pin connector (10) → Signal for left turn signal (L)
- Black/violet (BK/VT) line to contact cavity 2 of 7-pin connector (10)→ Signal for left taillamp and brake lamp (58L and 54)
- Contact cavity 3 → not used
- Gray/black (GY/BK) line to contact cavity 4 of 7-pin connector (10)→ Signal for left brake light (54)
- Green/blue (GN/BU) line to contact cavity 5 of 7-pin connector (10) → Signal for left rear fog light
- Brown (BN) line to contact cavity 6 of 7-pin connector (10)→ Signal for ground connection (W3/11)
- Black/green (BK/GN) line to contact cavity 7 of 7-pin connector (10) → Signal for left backup lamp



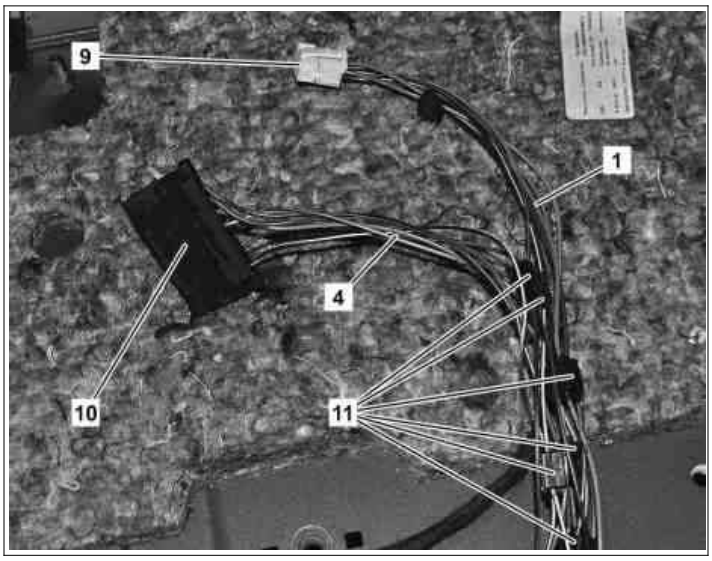
P82.10-7719-11

4 Connect wiring harness (1) and vehicle wiring harness (4) at right rear lamp unit (E4) with potential distributor (11).

i Use basic wiring harness repair kit or supplementary car wiring harness repair kit.

i In the following list, connect the lines for the wiring harness (1) to the 7-pin connector (10) of the vehicle wiring harness (4), and cut off any excess line lengths. Wrap felt tape around the potential distributor (11).

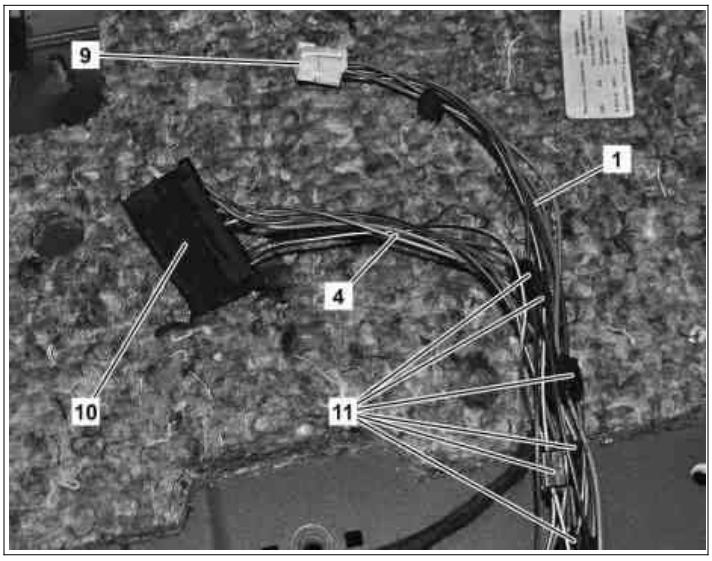
Shown on left side of vehicle



P82.10-7719-11

- Black/green (BK/GN) line to contact cavity 1 of 7-pin connector (10) → Signal for right turn signal indicator (R)
- Gray/blue (GY/BU) line to contact cavity 2 of 7-pin connector (10)→ Signal for right taillight and brake light (58R54)
- Contact cavity 3 → not used
- Green/brown (GN/BR) line to contact cavity 4 of 7-pin connector (10) → Signal for right brake light (54)
- Contact cavity 5 → not used
- Brown (BN) line to contact cavity 6 of 7-pin connector (10)→ Signal for ground connection (W3/8)
- Gray/yellow(GY/YE) line to contact cavity 7 of 7-pin connector (10)→ Signal for right taillight

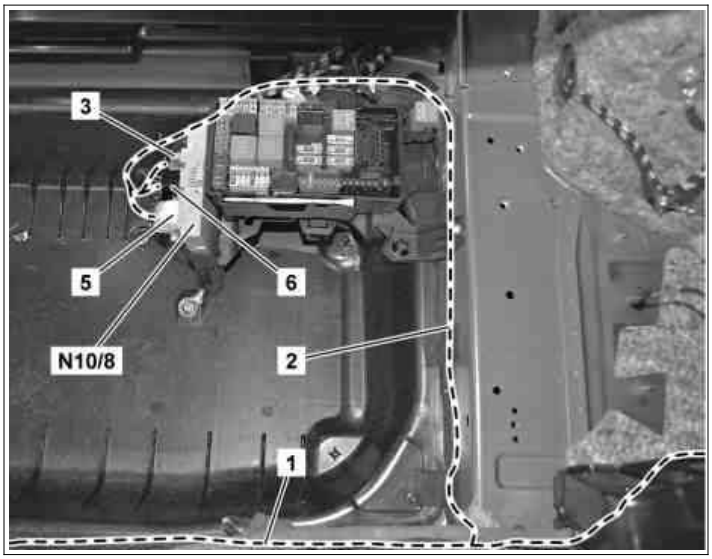
Shown on left side of vehicle



P82.10-7719-11

5 Route branch-off line (2) along right longitudinal member to rear SAM control unit (N10/8) and fix in place using felt tape.

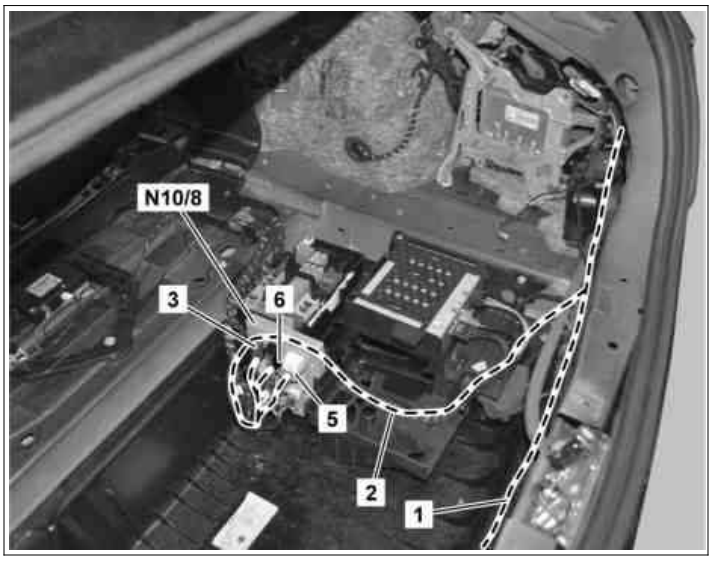
Vehicles without code 536 (SIRIUS satellite radio)



P82.10-7827-11

6 Route branch-off line (2) along wiring harness in control unit carrier to rear SAM control unit (N10/8).

Vehicles with code 536 (SIRIUS satellite radio)



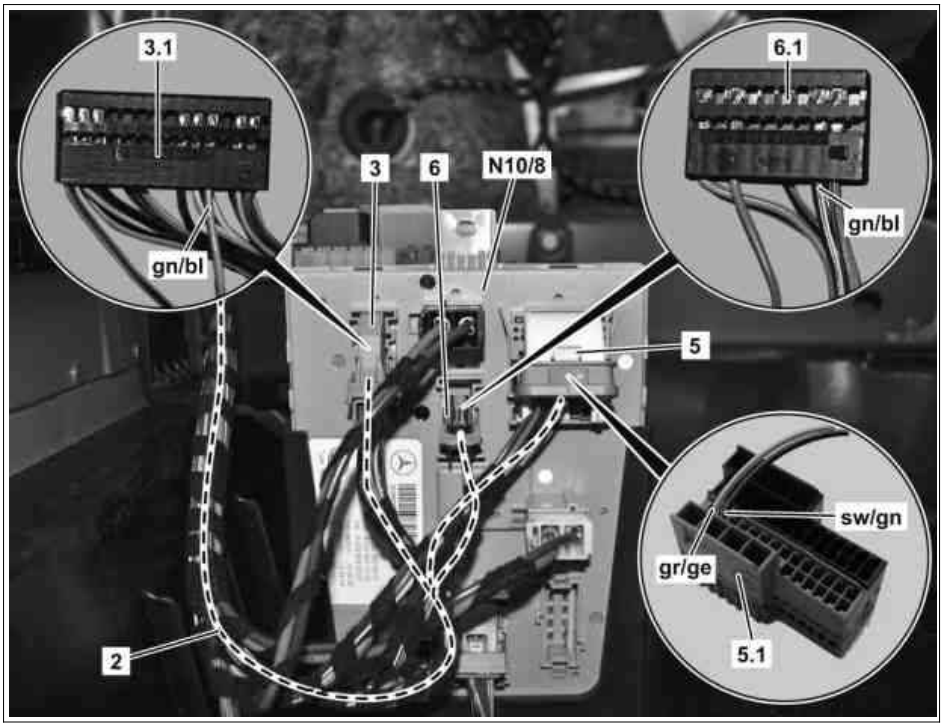
P82.10-7826-11

7 Remove the blue, 28-pin connector (3), denoted on rear with R, from rear SAM control unit (N10/8).

8 Remove the housing from the blue, 28-pin connector (3).

9 Install the green/blue (GN/BU) line of the blue-marked branch-off line (2) into contact cavity 4 of the 28-pin supporting body (3.1).

i The contact cavity strips are marked at the edges of the 28-pin supporting body (3.1); starting from contact cavity 1 you must count through up to the required contact cavity 4.

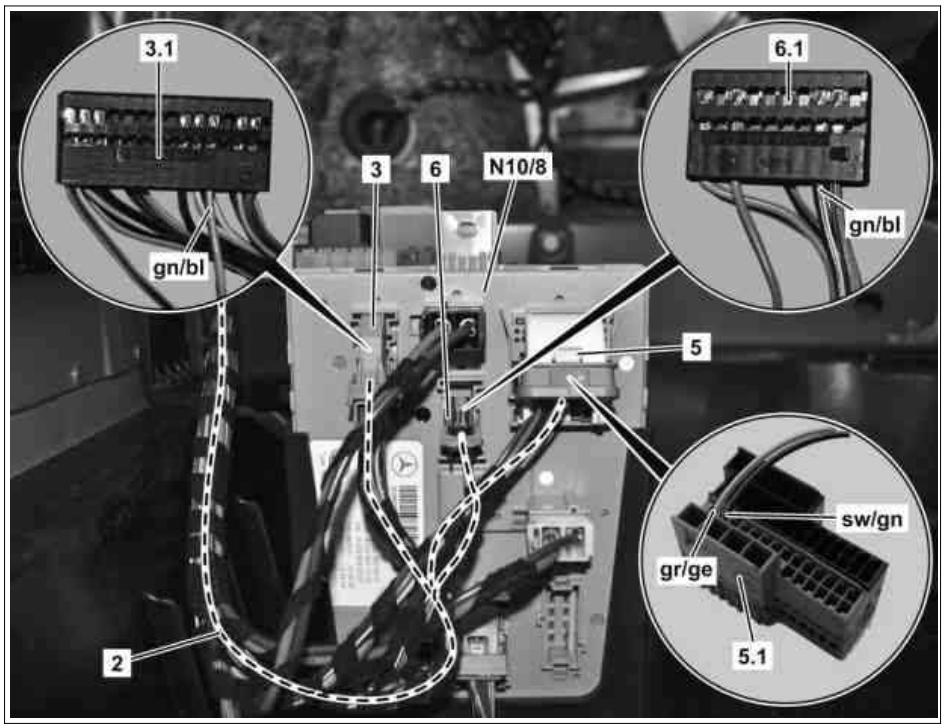


10 Remove the white, 48-pin connector (5), denoted with HD, from rear SAM control unit (N10/8).

11 Remove the housing from the white, 48-pin connector (5).

12 Install gray/yellow (GR/YE) line in contact cavity 25 of 48-pin supporting body (5.1).

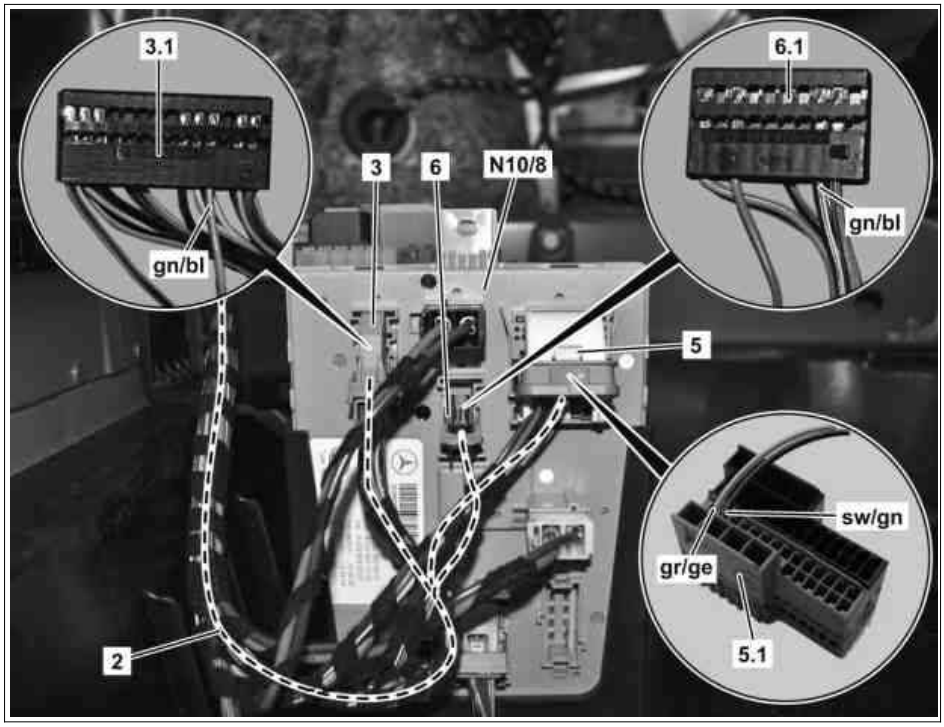
i The contact cavity strips are marked at the edges of the 48-pin supporting body (5.1); the required contact cavity 25 is marked.



P82.10-7850-06

13 Install black/green (BK/GN) line in contact cavity 26 of 48-pin supporting body (5.1).

i The contact cavity strips are marked at the edges of the 48-pin supporting body (5.1); starting from contact cavity 25 you must count through up to the required contact cavity 26.



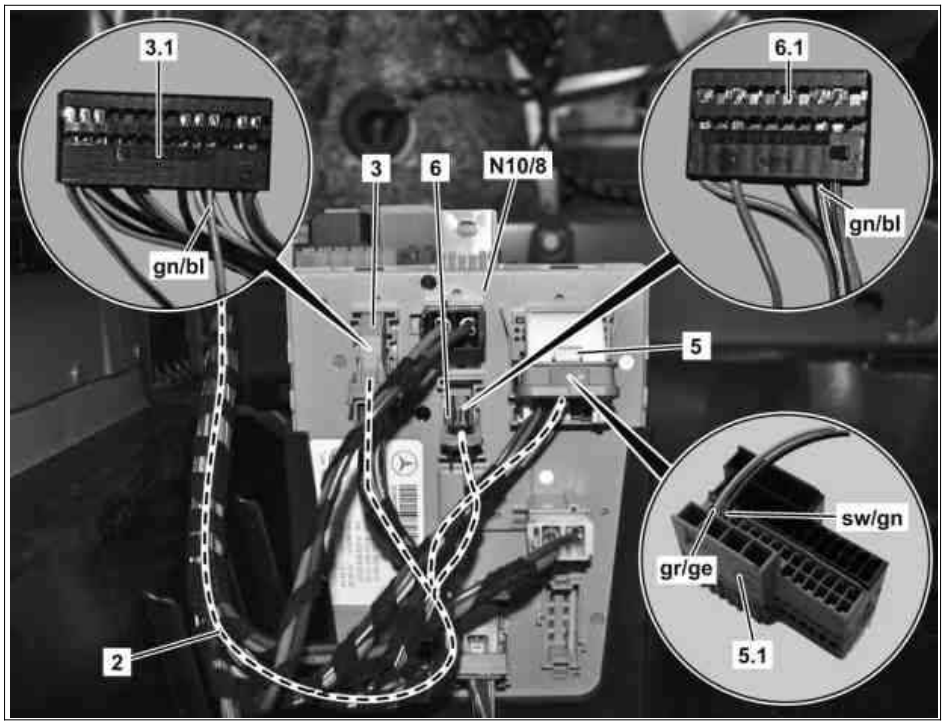
P82.10-7850-06

14 Remove the black, 20-pin connector (6), denoted on rear by L, from the rear SAM control unit (N10/8).

15 Remove the housing from the black, 20-pin connector (6).

16 Install green/blue (GN/BU) line into contact cavity 13 or 20-pin supporting body (6.1).

i The contact cavity strips are marked at the edges of the 20-pin supporting body (6.1); starting from contact cavity 11 you must count through up to the required contact cavity 13.

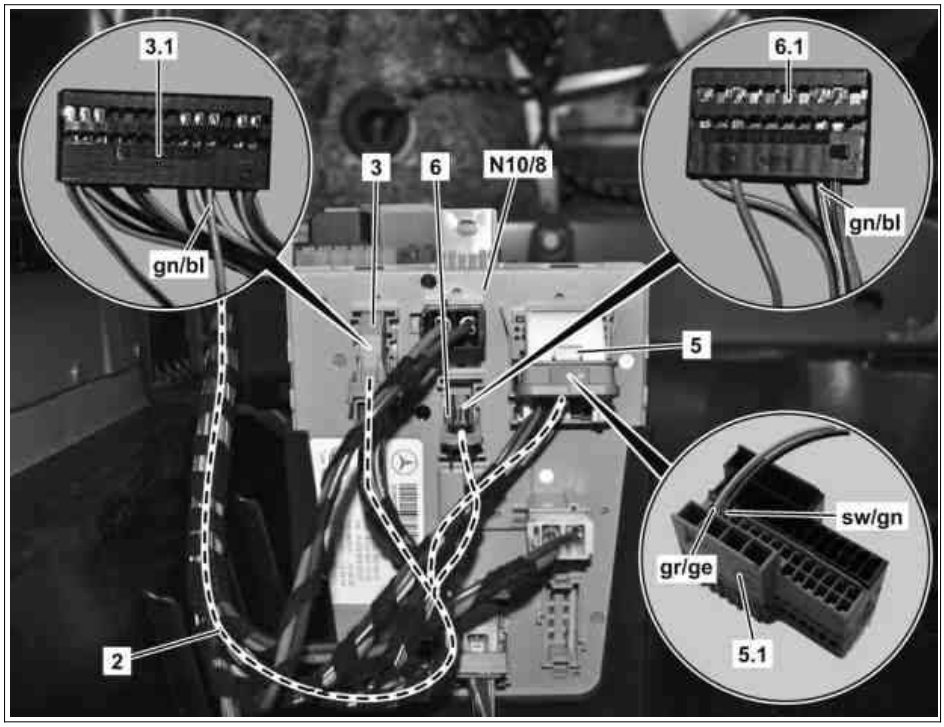


P82.10-7850-06

17 Install the 28-pin supporting body (3.1) back in the blue housing.

18 Install the 48-pin supporting body (5.1) back in the white housing.

19 Install the 20-pin supporting body (6.1) back in the black housing.



P82.10-7850-06

20 Connect the blue, 28-pin connector (3) to the rear SAM control unit (N10/8) again.

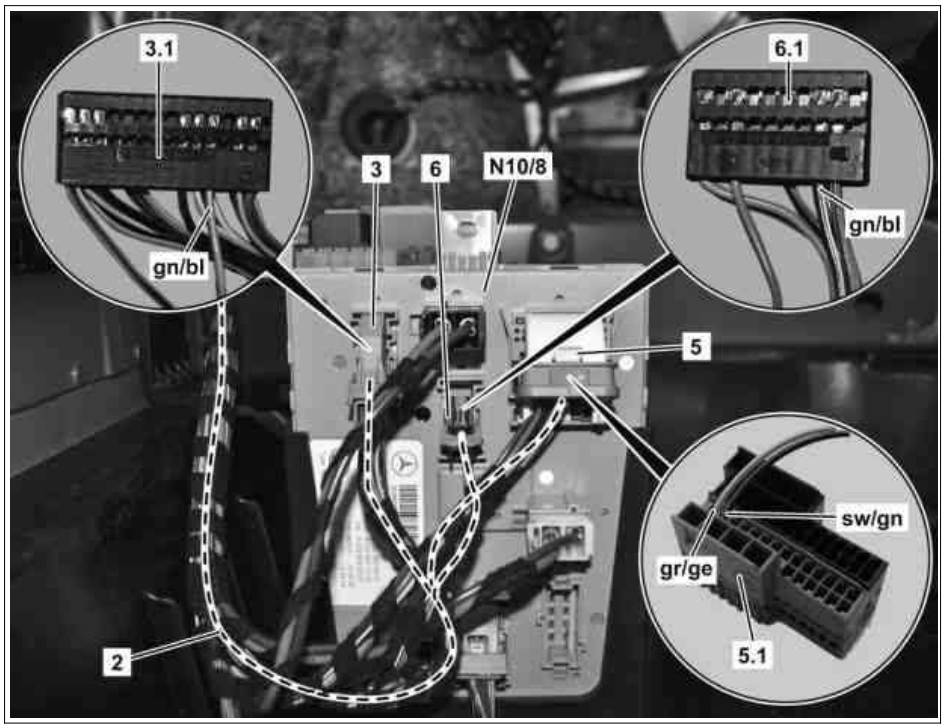
i The blue, 28-pin connector (3) is coded and cannot be swapped over.

21 Connect the white, 48-pin connector (5) to the rear SAM control unit (N10/8) again.

i The white, 48-pin connector (5) is coded and cannot be swapped over.

22 Connect the black, 20-pin connector (6) to the rear SAM control unit (N10/8) again.

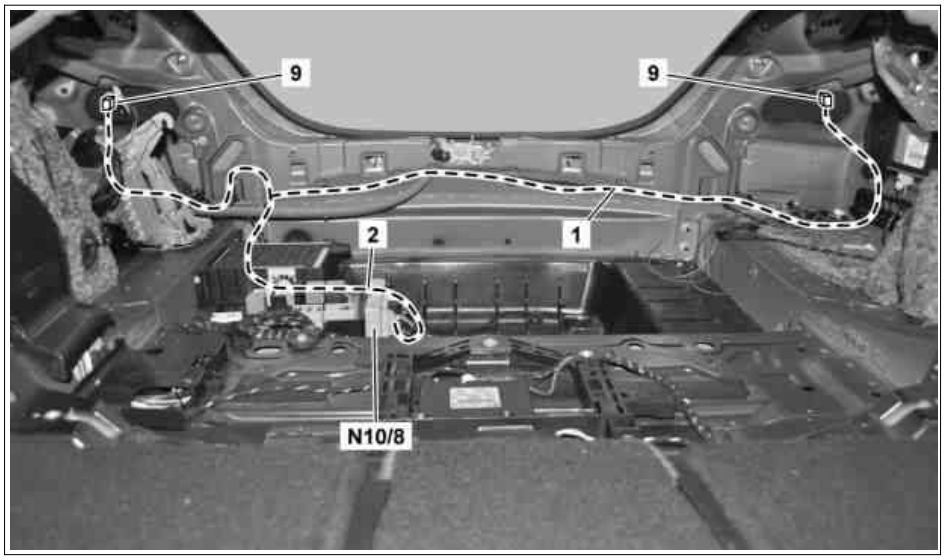
i The black, 20-pin connector (6) is coded and cannot be swapped over.



P82.10-7850-06

23 Connect the 10-pin connector (9) to the left rear lamp unit (E3).

24 Connect the 10-pin connector (9) to the right rear lamp unit (E4).



P82.10-7715-05