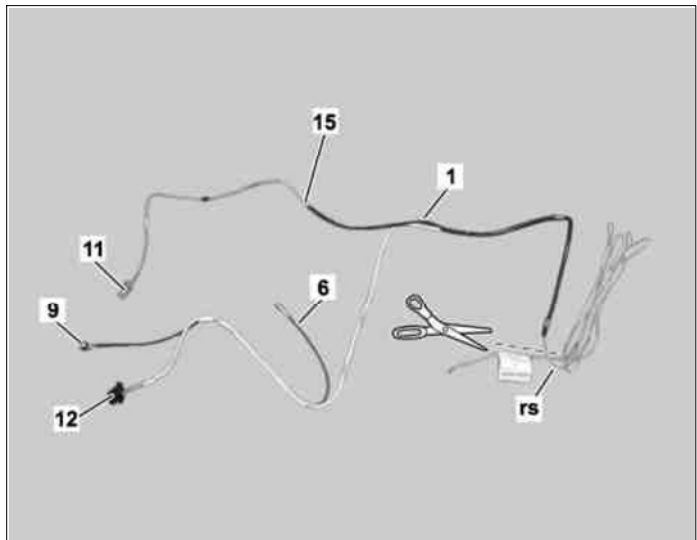


- 1 Cut pink line (rs) of navigation processor wiring harness (1) as shown, so that 30 mm of the pink line (rs) before the navigation processor wiring harness (1) coating remain.

**i** The truncated pink line (rs) is no longer required.

- 2 Check chamber assignment of black 8-pin coupling for navigation processor (12):
  - Chamber 1 brown wire (voltage supply -)
  - Chamber 2 red/white wire (voltage supply +)
  - Chamber 5 pink wire (MOST wake-up line)

**i** If the chambers are not correctly assigned, open black 8-pin coupling for navigation processor (12) and reconnect wires. Then close the connector again.



P82.86-4629-11

6 GPS antenna line

9 GPS navigation processor coupling

- 3 Connect blue, 2-pin coupling for voltage supply (11) of navigation processor wiring harness to plug position 16 of the rear SAM control unit with fuse and relay module (N10/2).

**i** Plug position 16 is colored blue.

*Shown on model 211.0*

11 Connector for power supply

15 Blue length alignment marking



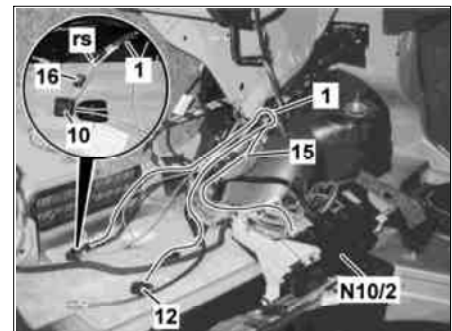
P82.86-4630-01

- 4 Route the navigation processor wiring harness (1) as shown so that the blue length alignment marking (15) on the navigation processor wiring harness (1) coincides with the same colored length alignment markings of the vehicle's on-board wiring harnesses.
- 5 Connect pink line (rs) of navigation processor wiring harness (1) directly behind MOST coupling housing (10) with voltage distributor (16) to the pink line (MOST wake-up) of the vehicle's on-board wiring harness for the audio gateway control unit (see magnified view).

**Shown on model 211.0**

12 Navigation processor coupling

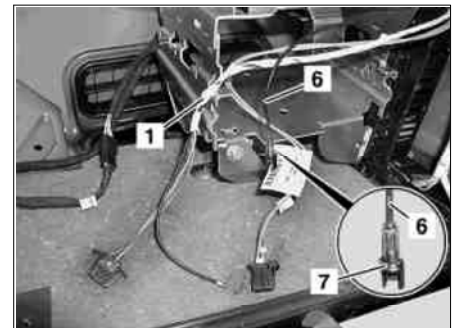
N10/2 Rear SAM control unit with fuse and relay module



P82.86-4631-01

- 6 Unclip black securing clip (7) (see magnified view) of GPS antenna line (6) from navigation processor wiring harness (1) (no longer required).

*Shown on model 211.0*



P82.85-9672-01

- 7 Check whether the GPS antenna connector (A2/49a2x1) in the vehicle is located in the left of the luggage compartment as shown. If so, continue with Step 8.1. If not, continue with Step 10.1.

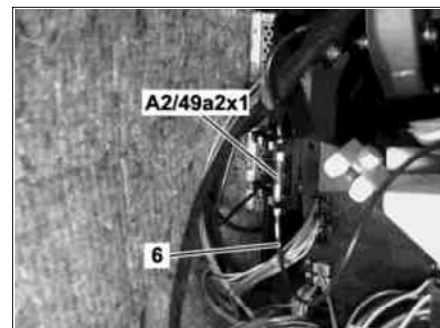
**Vehicles with GPS antenna connector (A2/49a2x1)**

- 8.1 Detach GPS antenna connector (A2/49a2x1) in the left of the luggage compartment and strap down GPS antenna line (5) of Audio 50 APS from vehicle's on-board wiring harness (no longer required).



P82.86-4643-01

- 9.1 Connect GPS antenna line (6) from navigation processor wiring harness to the GPS antenna connector (A2/49a2x1) in the left of the luggage compartment.



P82.86-4644-01

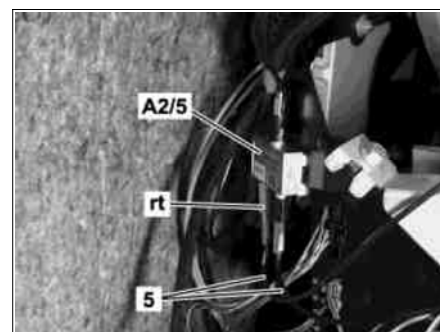
**Vehicles with GPS antenna splitter (A2/5)**

- 10.1 Detach both GPS antenna lines (5) from outputs of GPS antenna splitter (A2/5).

- 11.1 Using a multimeter check both GPS antenna lines (5) to the GPS antenna coupling for the Audio 50 APS in the center console for continuity.

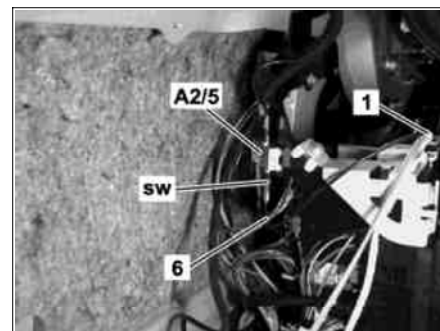
- 12.1 Strap down GPS antenna line (5) with continuity (no longer required).

- 13.1 Connect GPS antenna line (5), with no continuity, to red output (rt) of GPS antenna splitter (A2/5).



P82.86-4645-01

- 14.1 Connect GPS antenna line (6) from navigation processor wiring harness (1) to black output (sw) of GPS antenna splitter (A2/5).



P82.86-4646-01

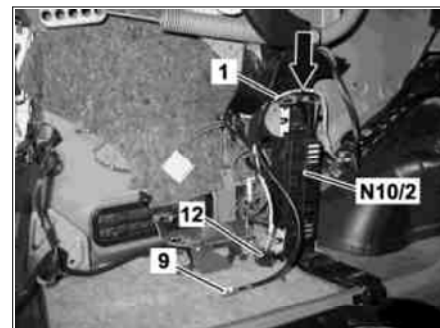
**All vehicles**

- 15 Route navigation processor wiring harness (1) as shown and fasten using cable ties (see arrow) to the rear SAM control unit with fuse and relay module (N10/2) and make sure that it cannot chafe or make any noise.

**i** The navigation processor wiring harness (1) is routed and fastened in place after installation of the rear SAM control unit with fuse and relay module (N10/2).

**Shown on model 211.0**

- 9 GPS navigation processor coupling  
12 Navigation processor coupling



P82.86-4632-01