



Installation instructions

Audi A3 2004 ▶

Audi A3 Cabriolet 2008 ▶

Audi Sound plus

Audi Genuine Accessories®

Edition 05.2012



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1 Notes and safety instructions

1.1 General notes

Please read and take note of these WARNING, Caution and Note descriptions before carrying out maintenance or repair work.



WARNING

Text with this symbol contains information concerning your safety and indicates potential accident and injury risks.



Caution

Text with this symbol indicates the risk of damage to your vehicle.



Note

Text with this symbol contains additional information.

The pages that follow contain all of the information (subject to technical changes) required to retrofit the “Audi Sound plus” system. This description corresponds to the status of the Workshop Manual at the time of going to press.

The “Audi Sound plus” system must be installed by a qualified workshop. Special tools, testing devices and vehicle-specific literature will be needed to perform the installation. Improper installation can cause damage to the vehicle or the “Audi Sound plus” system.

AUDI AG will not accept responsibility in the event of failure to comply with these installation instructions.

1.2 General safety instructions for pyrotechnical, electrical and mechanical components of the restraint system

Pyrotechnical components comprise:

- ◆ Airbag units
- ◆ Belt tensioners
- ◆ Seatbelt load limiter (depending on fixtures)
- ◆ Battery disconnecting elements (depending on fixtures)

In general:

- ◆ Testing, installation and maintenance tasks must only be carried out by trained personnel.
- ◆ Do not check using circuit tester, voltmeter, or ohmmeter under any circumstances.
- ◆ Pyrotechnical components must only be checked when installed using suitable vehicle diagnostics, measurement and



information systems. For example, the vehicle diagnostic, testing and information system -VAS 5051B-.

- ◆ Before handling pyrotechnical components of the restraint system (e.g. before disconnecting the electrical connector), the person carrying out the task must “discharge any static electricity”. This can be done by briefly touching the door latch, for example.
- ◆ The power supply to the system must always be disconnected when working on the pyrotechnical components of the restraint system.
- ◆ Disconnect the battery when the ignition is switched off ⇒ Rep. gr. 27. The battery negative terminal must subsequently be covered.
- ◆ No waiting time is necessary after the battery has been disconnected.
- ◆ Observe the measures that apply after disconnecting the battery ⇒ Rep. gr. 27.
- ◆ Pyrotechnical components must neither be opened nor repaired. Strictly use new parts only.
- ◆ Pyrotechnic components that have fallen onto a hard surface or that show any sign of damage must not be installed.
- ◆ Pyrotechnical components of the restraint system must be installed immediately after they have been taken out of the transport container.
- ◆ If work is put on hold, place the pyrotechnic components back into the transport container.
- ◆ It is not permissible to leave pyrotechnical components of the restraint system sitting unsupervised.
- ◆ “Wash hands” after touching ignited pyrotechnical components of the restraint system.
- ◆ When connecting pyrotechnical components of the restraint system, only the person performing the work may be present inside the vehicle.
- ◆ Storage and transportation are subject to the applicable national laws.
- ◆ Pyrotechnical components must not be treated with grease, cleaners, or similar agents.
- ◆ In addition, pyrotechnical components must not be exposed to temperatures above 100 °C, even on a temporary basis.



2 Parts overview

| Vehicle type | Installation kit | Part number | Refer to |
|---|------------------------------------|---------------|----------|
| 3-door | “Chorus” radio system | 8P0 051 961 A | ⇒ Page 3 |
| | Bass loudspeaker with housing | 8P0 051 416 | |
| | “Concert or symphony” radio system | 8P0 051 961 | ⇒ Page 4 |
| 5-door | “Chorus” radio system | 8P0 051 961 A | ⇒ Page 5 |
| | Bass loudspeaker with housing | 8P0 051 416 A | |
| | “Concert or symphony” radio system | 8P0 051 961 | ⇒ Page 7 |
| Cabriolet | “Chorus” radio system | 8P0 051 961 A | ⇒ Page 8 |
| | Bass loudspeaker with housing | 8P0 051 416 B | |
| | “Concert or symphony” radio system | 8P0 051 961 | ⇒ Page 9 |
| Check that the installation kit is complete before starting the installation process. | | | |

UK/US

2.1 3-door

2.1.1 3-door vehicles with “chorus” radio system

The installation kit comprises two parts:

- ◆ “Chorus” radio system (part number 8P0 051 961 A)
- ◆ Bass loudspeaker with housing (part number 8P0 051 416)

| “Chorus” radio system installation kit (part number 8P0 051 961 A) | | |
|--|-------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 419 | Installation kit comprises: <ul style="list-style-type: none"> ◆ Two treble loudspeakers with mounting ring ◆ Two mid-range and bass loudspeakers with mounting ring ◆ Two logo plates with six retaining clips ◆ Drilling template for logo plates ◆ Debounce kit for doors and housing for bass loudspeaker ◆ Installation instructions |



| “Chorus” radio system installation kit (part number 8P0 051 961 A) | | |
|---|--------------------|--|
| Units | Part number | Description |
| | | Fittings for amplifier: <ul style="list-style-type: none">◆ Four M5 securing nuts (corresponds to N904 349 03)◆ Three M6 securing nuts (corresponds to N901 326 05)◆ Four M6 spacer sleeves◆ Bracket for amplifier◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01 — only required for 5-door vehicles)◆ Three M5 snap nuts (corresponds to N904 759 03 — only required for 5-door vehicles)◆ One hexagon securing bolt (corresponds to N106 532 01 — only required for cabriolet vehicles) |
| 1 | 8P0 060 733 | Wiring harness with: <ul style="list-style-type: none">◆ “Audi Sound plus” switch including logo◆ Jumper link (not required for all vehicles)◆ 20 A fuse◆ 15 cable ties◆ Four adhesive sockets◆ One connector housing for connector switch for “Audi Sound plus” |

| Installation kit for bass loudspeaker with housing (part number 8P0 051 416) | | |
|---|--------------------|--|
| Units | Part number | Description |
| 1 | 8P0 051 416 | Installation kit comprises: <ul style="list-style-type: none">◆ Housing with fully pre-assembled bass loudspeaker◆ Two M6 pop rivet nuts (corresponds to N902 521 04)◆ One M6 securing nut (corresponds to N901 326 05)◆ Two M6 securing bolts (corresponds to N106 532 01) |

2.1.2 3-door vehicles with “concert or symphony” radio system, or with navigation system

| Installation kit for “concert or symphony” radio system or with navigation system (part number 8P0 051 961) | | |
|--|--------------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 415 | Installation kit comprises: <ul style="list-style-type: none">◆ Bass loudspeaker without housing◆ Retaining plate for bass loudspeaker housing |



Installation kit for “concert or symphony” radio system or with navigation system (part number 8P0 051 961)

| Units | Part number | Description |
|-------|---------------|--|
| 1 | 8P0 051 419 | <p>Installation kit comprises:</p> <ul style="list-style-type: none"> ◆ Two treble loudspeakers with mounting ring ◆ Two mid-range and bass loudspeakers with mounting ring ◆ Two logo plates with six retaining clips ◆ Drilling template for logo plates ◆ Debounce kit for doors and housing for bass loudspeaker ◆ Installation instructions <p>Fittings for amplifier:</p> <ul style="list-style-type: none"> ◆ Four M5 securing nuts (corresponds to N904 349 03) ◆ Three M6 securing nuts (corresponds to N901 326 05) ◆ Four M6 spacer sleeves ◆ Bracket for amplifier ◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01 — only required for 5-door vehicles) ◆ Three M5 snap nuts (corresponds to N904 759 03 — only required for 5-door vehicles) ◆ One hexagon securing bolt (corresponds to N106 532 01 — only required for cabriolet vehicles) |
| 1 | 8P0 060 733 A | <p>Wiring harness with:</p> <ul style="list-style-type: none"> ◆ “Audi Sound plus” switch including logo ◆ Jumper link (not required for all vehicles) ◆ 20 A fuse ◆ 15 cable ties ◆ Four adhesive sockets ◆ Two connector housings for connector for mid-range loudspeaker ◆ One connector housing for connector switch for “Audi Sound plus” |

UK/US

2.2 5-door

2.2.1 5-door vehicles with “chorus” radio system

The installation kit comprises two parts:

- ◆ “Chorus” radio system (part number 8P0 051 961 A)
- ◆ Bass loudspeaker with housing (part number 8P0 051 416 A)



| “Chorus” radio system installation kit (part number 8P0 051 961 A) | | |
|---|--------------------|--|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 419 | Installation kit comprises: <ul style="list-style-type: none">◆ Two treble loudspeakers with mounting ring◆ Two mid-range and bass loudspeakers with mounting ring◆ Two logo plates with six retaining clips◆ Drilling template for logo plates◆ Debounce kit for doors and housing for bass loudspeaker◆ Installation instructions Fittings for amplifier: <ul style="list-style-type: none">◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01)◆ Three M5 snap nuts (corresponds to N904 759 03)◆ Bracket for amplifier (only required for 3-door)◆ Four M5 securing nuts (corresponds to N904 349 03 — only required for 3-door and cabriolet vehicles)◆ Three M6 securing nuts (corresponds to N901 326 05 — only required for 3-door and cabriolet vehicles)◆ Four M6 spacer sleeves (only required for 3-door and cabriolet vehicles)◆ One hexagon securing bolt (corresponds to N106 532 01 — only required for cabriolet vehicles) |
| 1 | 8P0 060 733 | Wiring harness with: <ul style="list-style-type: none">◆ “Audi Sound plus” switch including logo◆ Jumper link (not required for all vehicles)◆ 20 A fuse◆ 15 cable ties◆ Four adhesive sockets◆ One connector housing for connector switch for “Audi Sound plus” |

| Installation kit for bass loudspeaker with housing (part number 8P0 051 416 A) | | |
|---|--------------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 416 A | Installation kit comprises: <ul style="list-style-type: none">◆ Housing with fully pre-assembled bass loudspeaker◆ One angle bracket with three securing bolts◆ One M6 pop rivet nut (corresponds to N902 521 04)◆ Two M6 securing nuts (corresponds to N901 326 05)◆ One M6 securing bolt (corresponds to N106 532 01) |



2.2.2 5-door vehicles with “concert or symphony” radio system, or with navigation system

| Installation kit for “concert or symphony” radio system or with navigation system (part number 8P0 051 961) | | |
|---|---------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 415 | Installation kit comprises: <ul style="list-style-type: none"> ◆ Bass loudspeaker without housing ◆ Retaining plate for bass loudspeaker housing (only required for 3-door) |
| 1 | 8P0 051 419 | Installation kit comprises: <ul style="list-style-type: none"> ◆ Two treble loudspeakers with mounting ring ◆ Two mid-range and bass loudspeakers with mounting ring ◆ Two logo plates with six retaining clips ◆ Drilling template for logo plates ◆ Debounce kit for doors and housing for bass loudspeaker ◆ Installation instructions Fittings for amplifier: <ul style="list-style-type: none"> ◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01) ◆ Three M5 snap nuts (corresponds to N904 759 03) ◆ Bracket for amplifier (only required for 3-door) ◆ Four M5 securing nuts (corresponds to N904 349 03 — only required for 3-door and cabriolet vehicles) ◆ Three M6 securing nuts (corresponds to N901 326 05 — only required for 3-door and cabriolet vehicles) ◆ Four M6 spacer sleeves (only required for 3-door and cabriolet vehicles) ◆ One hexagon securing bolt (corresponds to N106 532 01 — only required for cabriolet vehicles) |
| 1 | 8P0 060 733 A | Wiring harness with: <ul style="list-style-type: none"> ◆ “Audi Sound plus” switch including logo ◆ Jumper link (not required for all vehicles) ◆ 20 A fuse ◆ 15 cable ties ◆ Four adhesive sockets ◆ Two connector housings for connector for mid-range loudspeaker ◆ One connector housing for connector switch for “Audi Sound plus” |

UK/US



2.3 Cabriolet

2.3.1 Cabriolet vehicles with “chorus radio system”

The installation kit comprises two parts:

- ◆ “Chorus” radio system (part number 8P0 051 961 A)
- ◆ Bass loudspeaker with housing (part number 8P0 051 416 B)

| “Chorus” radio system installation kit (part number 8P0 051 961 A) | | |
|---|--------------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 419 | Installation kit comprises: <ul style="list-style-type: none">◆ Two treble loudspeakers with mounting ring◆ Two mid-range and bass loudspeakers with mounting ring◆ Two logo plates with six retaining clips◆ Drilling template for logo plates◆ Debounce kit for doors and housing for bass loudspeaker◆ Installation instructions Fittings for amplifier: <ul style="list-style-type: none">◆ Four M5 securing nuts (corresponds to N904 349 03)◆ Four M6 spacer sleeves◆ One hexagon securing bolt (corresponds to N106 532 01)◆ Three M6 securing nuts (corresponds to N901 326 05 — only two of the three nuts are required)◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01 — only required for 5-door vehicles)◆ Three M5 snap nuts (corresponds to N904 759 03 — only required for 5-door vehicles)◆ Bracket for amplifier (only required for 3-door) |
| 1 | 8P0 060 733 | Wiring harness with: <ul style="list-style-type: none">◆ “Audi Sound plus” switch including logo◆ Jumper link (not required for all vehicles)◆ 20 A fuse◆ 15 cable ties◆ Four adhesive sockets◆ One connector housing for connector switch for “Audi Sound plus” |



| Installation kit for bass loudspeaker with housing (part number 8P0 051 416 B) | | |
|---|--------------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 416 B | Installation kit comprises: <ul style="list-style-type: none"> ◆ Housing with fully pre-assembled bass loudspeaker ◆ One angle bracket (corresponds to 8P7 803 830) ◆ One securing bolt for angle bracket (corresponds to N906 478 02) ◆ Two M6 securing nuts (corresponds to N901 326 05) ◆ One M6 securing bolt (corresponds to N106 532 01) |

| Bracket for amplifier (part number 8P7 035 464) | | |
|--|--------------------|---|
| Units | Part number | Description |
| 1 | 8P7 035 464 | Bracket for amplifier <ul style="list-style-type: none"> ◆ Not included in the installation kit scope of delivery ◆ Must be ordered separately ⇒ Electronic spare parts catalogue |

2.3.2 Cabriolet with “concert or symphony” radio system, or with navigation system

| Installation kit for “concert or symphony” radio system or with navigation system (part number 8P0 051 961) | | |
|--|--------------------|---|
| Units | Part number | Description |
| 1 | 8P0 051 225 | Amplifier |
| 1 | 8P0 051 415 | Installation kit comprises: <ul style="list-style-type: none"> ◆ Bass loudspeaker without housing ◆ Retaining plate for bass loudspeaker housing (only required for 3-door) |
| 1 | 8P0 051 419 | Installation kit comprises: <ul style="list-style-type: none"> ◆ Two treble loudspeakers with mounting ring ◆ Two mid-range and bass loudspeakers with mounting ring ◆ Two logo plates with six retaining clips ◆ Drilling template for logo plates ◆ Debounce kit for doors and housing for bass loudspeaker ◆ Installation instructions |



Installation kit for “concert or symphony” radio system or with navigation system (part number 8P0 051 961)

| Units | Part number | Description |
|-------|---------------|--|
| | | Fittings for amplifier: <ul style="list-style-type: none">◆ Four M5 securing nuts (corresponds to N904 349 03)◆ Four M6 spacer sleeves◆ One hexagon securing bolt (corresponds to N106 532 01)◆ Three M6 securing nuts (corresponds to N901 326 05 — only two of the three nuts are required)◆ Three M5 hexagon socket head cap screws (corresponds to N104 592 01 — only required for 5-door vehicles)◆ Three M5 snap nuts (corresponds to N904 759 03 — only required for 5-door vehicles)◆ Bracket for amplifier (only required for 3-door) |
| 1 | 8P0 060 733 A | Wiring harness with: <ul style="list-style-type: none">◆ “Audi Sound plus” switch including logo◆ Jumper link (not required for all vehicles)◆ 20 A fuse◆ 15 cable ties◆ Four adhesive sockets◆ Two connector housings for connector for mid-range loudspeaker◆ One connector housing for connector switch for “Audi Sound plus” |

Bracket for amplifier (part number 8P7 035 464)

| Units | Part number | Description |
|-------|-------------|--|
| 1 | 8P7 035 464 | Bracket for amplifier <ul style="list-style-type: none">◆ Not included in the installation kit scope of delivery◆ Must be ordered separately ⇒ Electronic spare parts catalogue |



3 Assembly overview

3.1 3 and 5-door vehicles

1 - "Audi Sound plus" switch

- Installation ⇒ [Page 26](#)
- Connect to the wiring harness from the installation kit

2 - Treble loudspeaker, front right

- In the A-pillars, centre
- Replace ⇒ [Page 20](#)
- Connect to the wiring harness from the installation kit

3 - Mid-range and bass loudspeaker, front right

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ⇒ [Page 21](#)
- Install logo plate on the loudspeaker trim ⇒ [Page 33](#)

4 - Wiring harness

- From the installation kit
- Route ⇒ [Page 19](#)
- Secure with cable ties ⇒ [Page 32](#)

5 - Mid-range loudspeaker, rear right

- "Concert or symphony" radio system, or with navigation system:
- No assembly work required for the loudspeaker
 - Connect to the wiring harness from the installation kit ⇒ [Page 26](#)

6 - Earth point

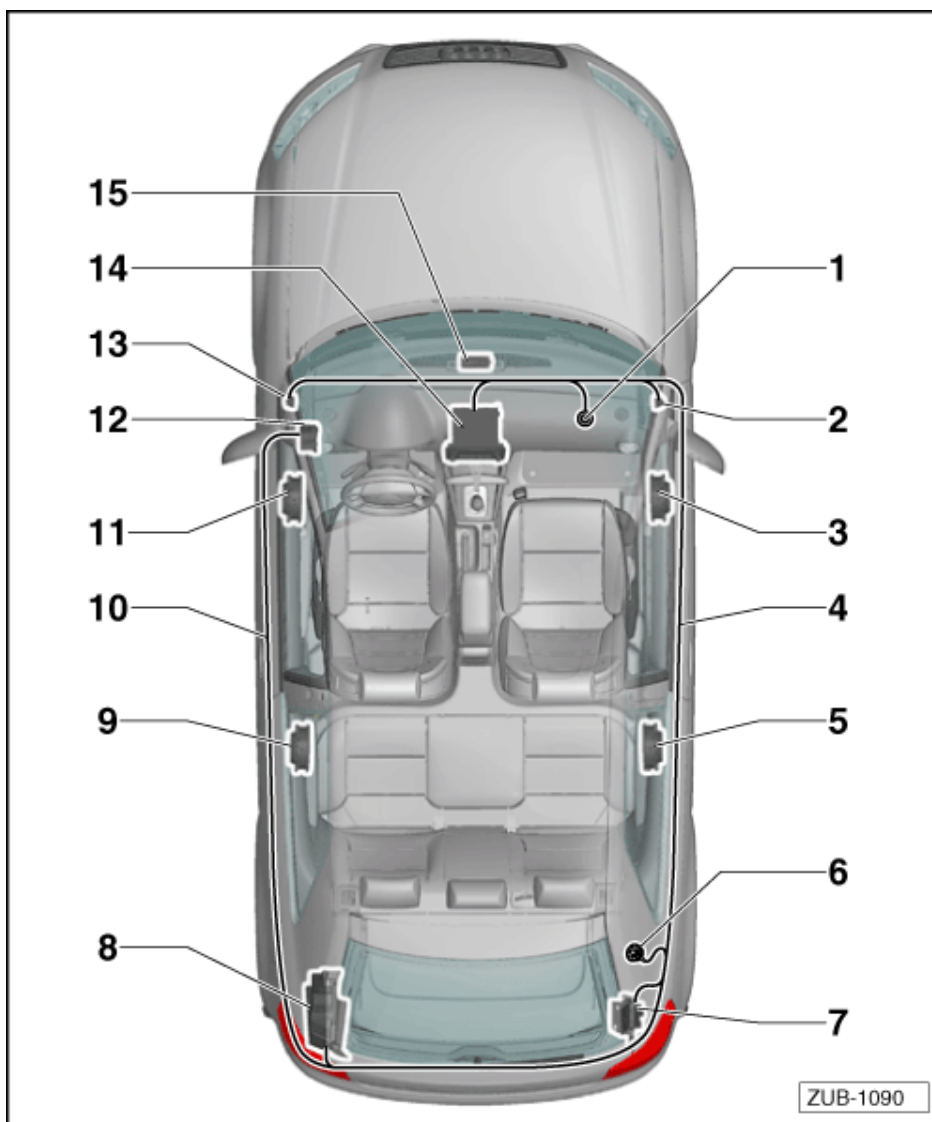
- Connect the earth wire from the installation kit wiring harness to the earth point ⇒ [Page 19](#)
- On the C-pillar, right

7 - "Audi Sound plus" amplifier

- Installation ⇒ [Page 16](#)
- Connect to the wiring harness from the installation kit

8 - Bass loudspeaker with housing

"Chorus" radio system:



UK/US



- Install bass loudspeaker with housing ⇒ [Page 22](#)
 - Connect to the wiring harness from the installation kit
- “Concert or symphony” radio system, or with navigation system:
- Replace bass loudspeaker ⇒ [Page 24](#)
 - Connect to the wiring harness from the installation kit

9 - Mid-range loudspeaker, rear left

- “Concert or symphony” radio system, or with navigation system:
- No assembly work required for the loudspeaker
 - Connect to the wiring harness from the installation kit ⇒ [Page 26](#)

10 - Positive wire

- From the connector for the amplifier
- From the installation kit
- Route ⇒ [Page 19](#)
- Connect to the fuse holder for the instrument panel on the driver side ⇒ [Page 28](#)
- Secure with cable ties ⇒ [Page 32](#)

11 - Mid-range and bass loudspeaker, front left

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ⇒ [Page 21](#)
- Install logo plate on the loudspeaker trim ⇒ [Page 33](#)

12 - Fuse holder for the instrument panel, driver side

- Connect the positive wire from the connector for the amplifier ⇒ [Page 28](#)

13 - Treble loudspeaker, front left

- In the A-pillars, centre
- Replace ⇒ [Page 20](#)
- Connect to the wiring harness from the installation kit

14 - Radio or control unit for the navigation system operating electronics

- Connect to the wiring harness from the installation kit ⇒ [Page 29](#)

15 - Mid-range and treble loudspeaker, centre

- “Concert or symphony” radio system, or with navigation system:
- Deactivate ⇒ [Page 32](#)



3.2 Cabriolet

1 - "Audi Sound plus" switch

- Installation ⇒ [Page 26](#)
- Connect to the wiring harness from the installation kit

2 - Treble loudspeaker, front right

- In the A-pillars, centre
- Replace ⇒ [Page 20](#)
- Connect to the wiring harness from the installation kit

3 - Mid-range and bass loudspeaker, front right

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ⇒ [Page 21](#)
- Install logo plate on the loudspeaker trim ⇒ [Page 33](#)

4 - Wiring harness

- From the installation kit
- Route ⇒ [Page 19](#)
- Secure with cable ties ⇒ [Page 32](#)

5 - Mid-range loudspeaker, rear right

- "Concert or symphony" radio system, or with navigation system:
- No assembly work required for the loudspeaker
 - Connect to the wiring harness from the installation kit ⇒ [Page 26](#)

6 - Bass loudspeaker with housing

- Installed behind the rear right side trim in the interior

"Chorus" radio system:

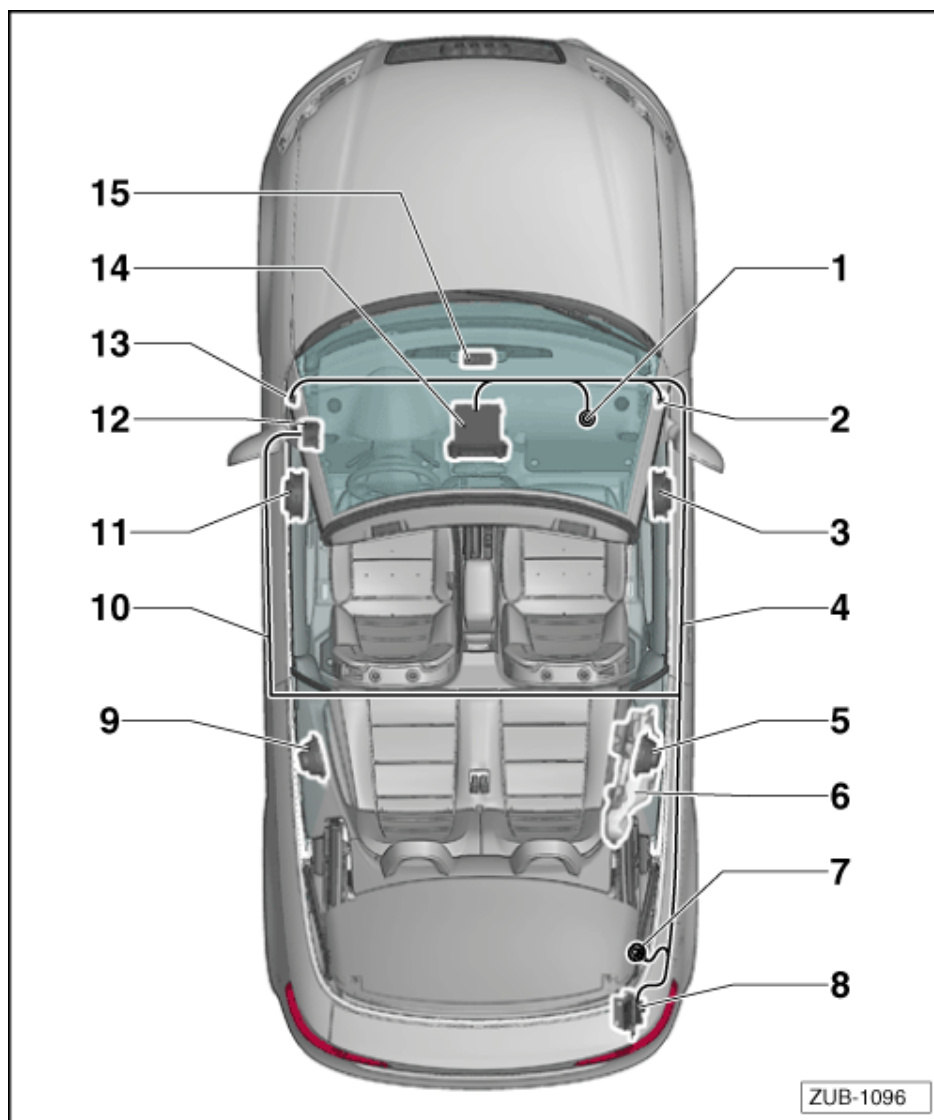
- Install bass loudspeaker with housing ⇒ [Page 22](#)
- Connect to the wiring harness from the installation kit

"Concert or symphony" radio system, or with navigation system:

- Replace bass loudspeaker ⇒ [Page 24](#)
- Connect to the wiring harness from the installation kit

7 - Earth point

- Connect the earth wire from the installation kit wiring harness to the earth point ⇒ [Page 19](#)



UK/US



- On the wheel housing, rear right

8 - "Audi Sound plus" amplifier

- Installation ⇒ [Page 16](#)
- Connect to the wiring harness from the installation kit

9 - Mid-range loudspeaker, rear left

"Concert or symphony" radio system, or with navigation system:

- No assembly work required for the loudspeaker
- Connect to the wiring harness from the installation kit ⇒ [Page 26](#)

10 - Positive wire

- From the connector for the amplifier
- From the installation kit
- Route ⇒ [Page 19](#)
- Connect to the fuse holder for the instrument panel on the driver side ⇒ [Page 28](#)
- Secure with cable ties ⇒ [Page 32](#)

11 - Mid-range and bass loudspeaker, front left

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ⇒ [Page 21](#)
- Install logo plate on the loudspeaker trim ⇒ [Page 33](#)

12 - Fuse holder for the instrument panel, driver side

- Connect the positive wire from the connector for the amplifier ⇒ [Page 28](#)

13 - Treble loudspeaker, front left

- In the A-pillars, centre
- Replace ⇒ [Page 20](#)
- Connect to the wiring harness from the installation kit

14 - Radio or control unit for the navigation system operating electronics

- Connect to the wiring harness from the installation kit ⇒ [Page 29](#)

15 - Mid-range and treble loudspeaker, centre

"Concert or symphony" radio system, or with navigation system:

- Deactivate ⇒ [Page 32](#)



4 Preparations

- Disconnect the battery when the ignition is switched off ⇒ Rep. gr. 27. The battery negative terminal must subsequently be covered.
- Remove the storage compartment on the driver side ⇒ Rep. gr. 68.
- Remove the fuse holder for the instrument panel on the driver side and install the new version ⇒ Rep. gr. 97.
- Remove the glove compartment ⇒ Rep. gr. 68.
- Remove the radio or control unit for the navigation system operating electronics ⇒ Rep. gr. 91.
- Remove the instrument cluster ⇒ Rep. gr. 90.
- Remove the top right and left sections of the A-pillar trim ⇒ Rep. gr. 70.
- Remove the bottom right and left sections of the A-pillar trim ⇒ Rep. gr. 70.
- Remove the front right and left sections of the door trim ⇒ Rep. gr. 70.
- Remove the rear seat bench ⇒ Rep. gr. 72.
- Remove the right and left sections of the sill panel trim ⇒ Rep. gr. 70.
- Remove the luggage compartment floor mat ⇒ Rep. gr. 70.
- Remove the rear cross panel trim ⇒ Rep. gr. 70.
- Remove the right and left sections of the luggage compartment side trim ⇒ Rep. gr. 70.

3-door vehicles:

- Remove the large C-pillar trim ⇒ Rep. gr. 70.
- Remove the right and left sections of the luggage compartment side trim ⇒ Rep. gr. 70.

5-door:

- Remove the top C-pillar trim ⇒ Rep. gr. 70.
- Remove the right and left sections of the luggage compartment side trim ⇒ Rep. gr. 70.

Cabriolet vehicles:

- Remove the rear right section of the side trim in the interior ⇒ Rep. gr. 70.
- Remove the right section of the luggage compartment side trim ⇒ Rep. gr. 70.

Vehicles with “concert or symphony” radio system, or with navigation system:

- Remove the housing with bass loudspeaker and amplifier ⇒ Rep. gr. 91.



5 Installing the “Audi Sound plus” installation kit

5.1 Installing the “Audi Sound plus” amplifier

5.1.1 3-door

Sequence of operations:

- Remove the stickers from both rotary switches on the bottom of the amplifier.
- Adjust both rotary switches -1- and -2- on the bottom of the amplifier:

3-door vehicles with “chorus” radio system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 2

3-door vehicles with “concert or symphony” radio system, or with navigation system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 1

Continue for all:

- Cover the setting for the rotary switches with the black sticker.

Note

The sticker must not be damaged.

- Install the bracket -1- using the three securing nuts -2-.
- Secure the amplifier -3- using the four spacer sleeves -4- and four securing nuts -5- on bracket -1-.
- Connect and secure the connector -6- for the amplifier -3-.

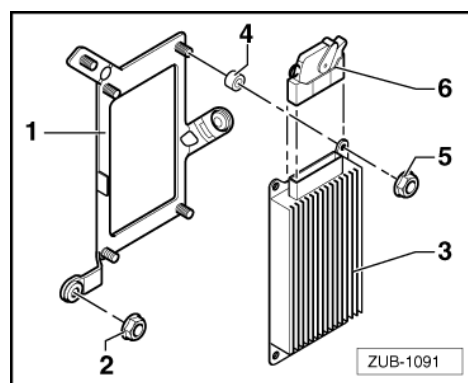
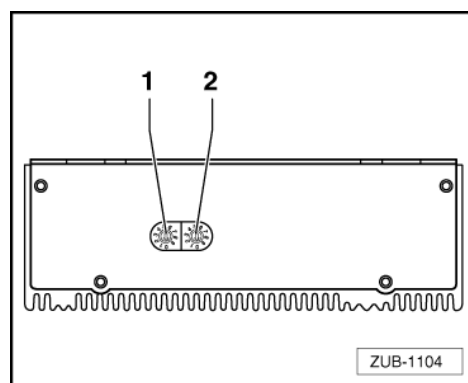
Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness with cable ties until all connections have been made ⇒ Page 32.**

Tightening torques:

| Component | Nm |
|----------------------|----|
| Bracket on body | 10 |
| Amplifier on bracket | 8 |





5.1.2 5-door

Sequence of operations:

- Remove the stickers from both rotary switches on the bottom of the amplifier.
- Adjust both rotary switches -1- and -2- on the bottom of the amplifier:

5-door vehicles with “chorus” radio system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 2

5-door vehicles with “concert or symphony” radio system, or with navigation system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 1

Continue for all:

- Cover the setting for the rotary switches with the black sticker.

Note

The sticker must not be damaged.

- Attach the three snap nuts -1- to the body.
- Secure the amplifier -2- using the three hexagon socket head cap screws -3-.
- Connect and secure the connector -4- for the amplifier -2-.

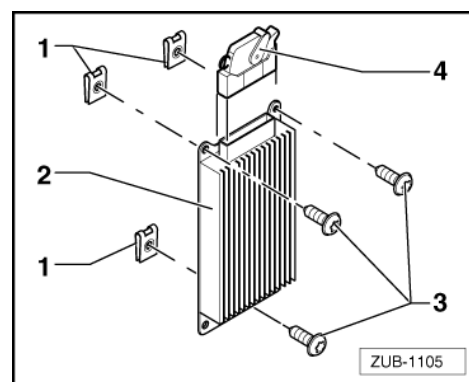
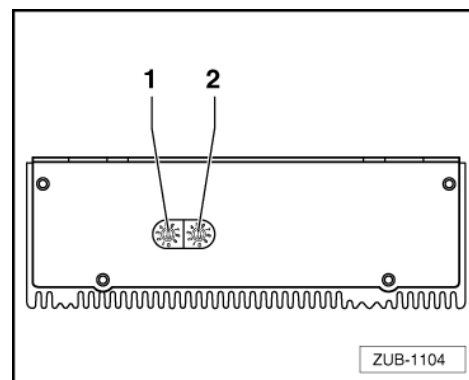
Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness with cable ties until all connections have been made ⇒ Page 32.**

Tightening torques:

| Component | Nm |
|-------------------|----|
| Amplifier on body | 8 |





- Adjust both rotary switches -1- and -2- on the bottom of the amplifier:

Cabriolet vehicles with “chorus” radio system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 3

Cabriolet vehicles with “concert or symphony” radio system, or with navigation system:

- ◆ Rotary switch -1- in position 0
- ◆ Rotary switch -2- in position 4

Continue for all:

- Cover the setting for the rotary switches with the black sticker.

i Note

The sticker must not be damaged.

i Note

- ◆ The bracket from the installation kit cannot be used to secure the amplifier.
- ◆ The bracket with part number 8P7 035 464 must be ordered separately ⇒ *Electronic spare parts catalogue*.
- Install the bracket -1- using the three securing nuts -2- and one securing bolt -3-.
- Secure the amplifier -4- to the bracket -1- using the four spacer sleeves -5- and four securing nuts -6-.
- Connect and secure the connector -7- for the amplifier -4-.

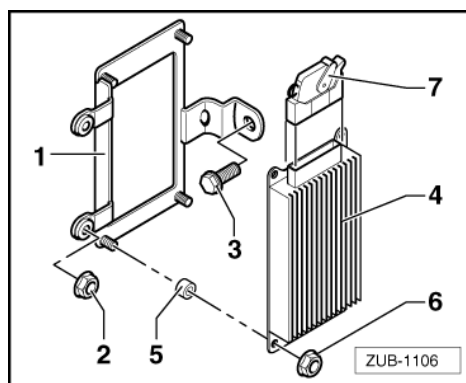
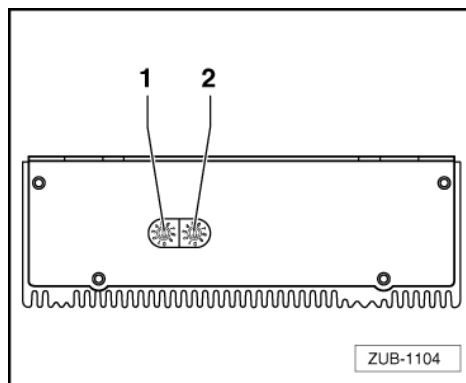
! Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness with cable ties until all connections have been made ⇒ **Page 32**.

Tightening torques:

| Component | Nm |
|----------------------|----|
| Bracket on body | 10 |
| Amplifier on bracket | 8 |





5.2 Connecting the earth wire of the wiring harness from the installation kit

⚠ Caution

Risk of damage to the wiring harness:

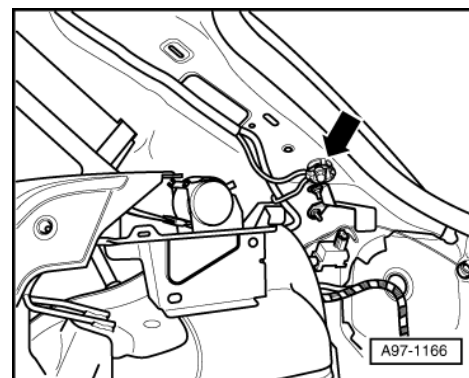
- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made
⇒ Page 32.

3 and 5-door vehicles:

- Connect the earth wire from the connector for the amplifier to the earth point on the right-hand C-pillar -arrow-.

Tightening torques:

| Component | Nm |
|---------------------------|----|
| Earth wire to earth point | 10 |

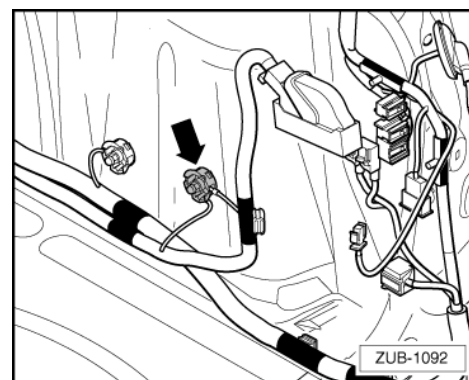


Cabriolet vehicles:

- Connect the earth wire from the connector for the amplifier to the earth point at the rear-right wheel housing -arrow-.

Tightening torques:

| Component | Nm |
|---------------------------|----|
| Earth wire to earth point | 10 |



5.3 Routing the wiring harness from the installation kit

⚠ Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made
⇒ Page 32.

Left-hand drive vehicles:

i Note

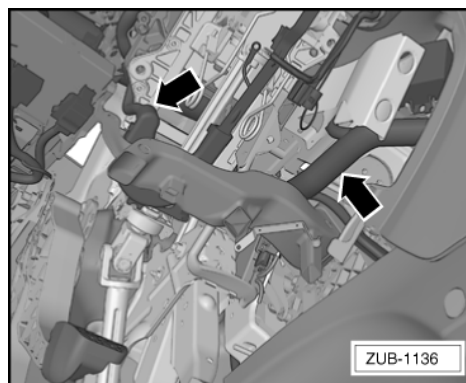
- ◆ In cabriolet vehicles, only the positive wire is routed under the rear bench seat to the fuse holder for the instrument panel on the driver side.
- ◆ The wiring harness for the bass loudspeaker is routed behind the side trim on the right in the interior.



- Route the positive wire along the left-hand side of the standard wiring harness to the fuse holder for the instrument panel on the driver side.
- Route the wiring harness from the installation kit along the right-hand side of the standard wiring harness to the instrument panel.

Right-hand drive vehicles (3 and 5-door):

- Remove the adhesive tape on the positive wire.
- Route the positive wire along the right-hand side of the standard wiring harness to the fuse holder for the instrument panel on the driver side.
- Shorten the length of the positive wire as required.
- Route the wiring harness from the installation kit along the right-hand side of the standard wiring harness to the instrument panel.
- Secure the entire length of the wiring harness from the installation kit underneath the steering column using cable ties -arrows-



5.4 Replacing the front left and right treble loudspeakers

Note

- ◆ *The front left and right treble loudspeakers are located in the A-pillars.*
- ◆ *The removal and installation processes are the same for all vehicles.*

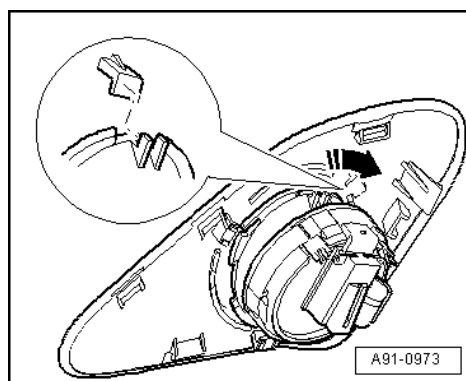
Sequence of operations:

- Replace the front left and right treble loudspeakers in the A-pillar ⇒ Rep. gr. 91.
- Connect the front left and right treble loudspeakers to the wiring harness from the installation kit and install with the trim for the A-pillar.

Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness with cable ties until all connections have been made ⇒ Page 32.**
- Secure the connector for the standard wiring harness using cable ties to prevent noise.





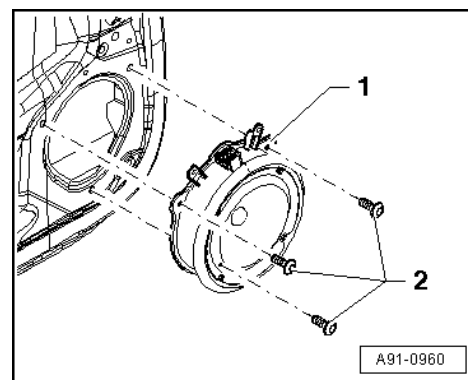
5.5 Replacing the front left and right mid-range and bass loudspeakers

Note

- ◆ The front left and right mid-range and bass loudspeakers are located in the doors at the bottom.
- ◆ The removal and installation processes are the same for all vehicles.

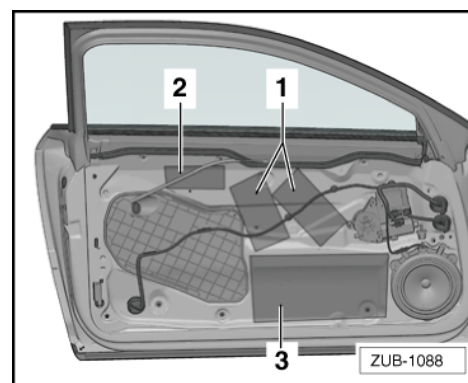
Sequence of operations:

- Replace the front left and right mid-range and bass loudspeakers in the doors at the bottom ⇒ Rep. gr. 91.
- Reconnect the front left and right mid-range and bass loudspeakers to the standard wiring harness.
- Affix the self-adhering debounce kit to the door and door trim:



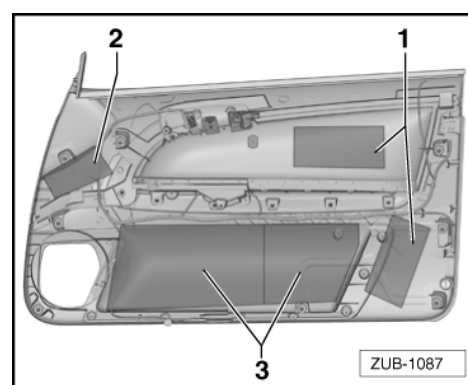
Debounce kit on door, right and left:

- 1 - 200 x 100 mm
- 2 - 100 x 75 mm
- 3 - 380 x 200 mm



Debounce kit on door trim, right and left:

- 1 - 200 x 100 mm
- 2 - 100 x 75 mm
- 3 - 300 x 200 mm





5.6 Installing the bass loudspeaker with housing (vehicles with “chorus” radio system)

Note

- ◆ No bass loudspeaker is installed as standard with the “chorus” radio system.
- ◆ The bass loudspeaker with housing is installed behind the left section of the luggage compartment side trim in 3 and 5-door vehicles.
- ◆ In cabriolet vehicles, the bass loudspeaker with housing is installed behind the rear right section of the luggage compartment side trim.

5.6.1 3-door vehicles with “chorus” radio system

- Insert the two pop rivet nuts -1- to secure the housing -2- for the bass loudspeaker.
- Secure the housing -2- using the two securing bolts -3- and one securing nut -4-.
- Connect the bass loudspeaker to the wiring harness from the installation kit.

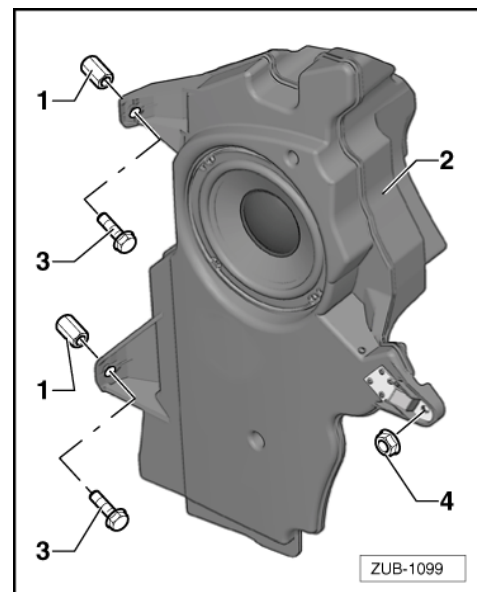
Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made
⇒ Page 32.

Tightening torques:

| Component | Nm |
|--------------------------------------|----|
| Housing for bass loudspeaker to body | 5 |





5.6.2 5-door vehicles with “chorus” radio system

- Install one pop rivet nut -1- to secure the housing -2- for the bass loudspeaker.
- Secure the angle bracket -3- to the housing -2- using the three securing bolts -4-.
- Install the housing -2- using one securing bolt -5- and two securing nuts -6-.
- Connect the bass loudspeaker to the wiring harness from the installation kit.

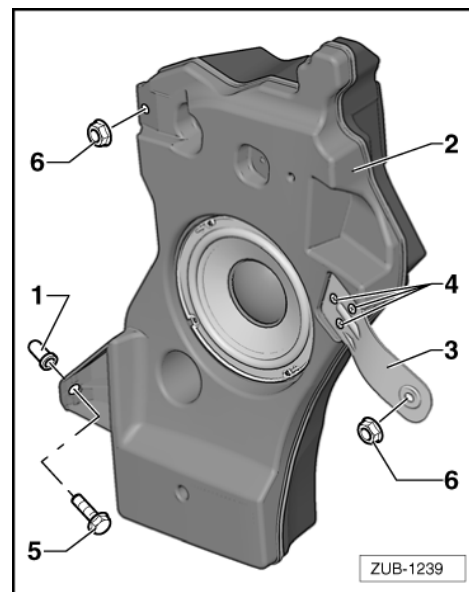
⚠ Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made ⇒ **Page 32.**

Tightening torques:

| Component | Nm |
|--------------------------------------|----|
| Angle bracket to housing | 5 |
| Housing for bass loudspeaker to body | 5 |



UKIUS

5.6.3 Cabriolet vehicles with “chorus radio system”

- Secure the angle bracket -1- to the housing -3- using one securing bolt -2-.
- Secure the housing -3- using one securing bolt -4- and two securing nuts -5-.
- Connect the bass loudspeaker to the wiring harness from the installation kit.

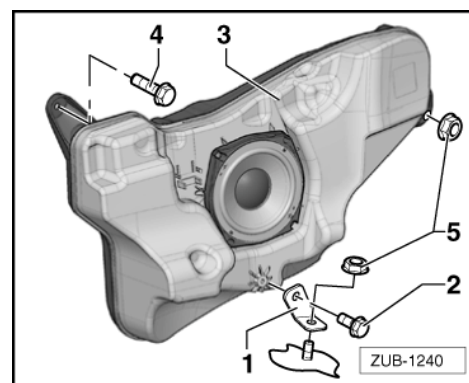
⚠ Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made ⇒ **Page 32.**

Tightening torques:

| Component | Nm |
|--------------------------------------|----|
| Angle bracket to housing | 5 |
| Housing for bass loudspeaker to body | 5 |





5.7 Replacing the bass loudspeaker (vehicles with “concert or symphony” radio system, or with navigation system)

Note

- ◆ The bass loudspeaker is located in the housing behind the left section of the luggage compartment side trim in 3 and 5-door vehicles.
- ◆ In cabriolet vehicles, the bass loudspeaker is installed in the housing behind the rear right section of the luggage compartment side trim.

Removal:

- Remove the bass loudspeaker and amplifier from the housing ⇒ Rep. gr. 91.

Note

The bass loudspeaker, amplifier and grille that have been removed are no longer required.

Installation:

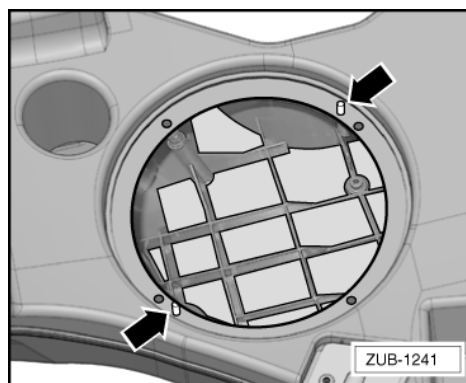
- Cut off both centring pins -arrows- for the bass loudspeaker so that they are flush against the housing.
- Feed the wiring harness for the new bass loudspeaker through the bass reflex opening.

Note

- ◆ The bass loudspeaker must be installed in the housing such that the connecting wire points downwards.
- ◆ Check the installation depth of the bass loudspeaker. Insert a spacer ring between the bass loudspeaker and housing if necessary.
- Install the bass loudspeaker in the housing.

The following openings on the housing must be sealed with the self-adhering debounce kit:

- ◆ Bass reflex opening
- ◆ Opening for the amplifier
- ◆ Holes to secure the amplifier to the rear of the housing

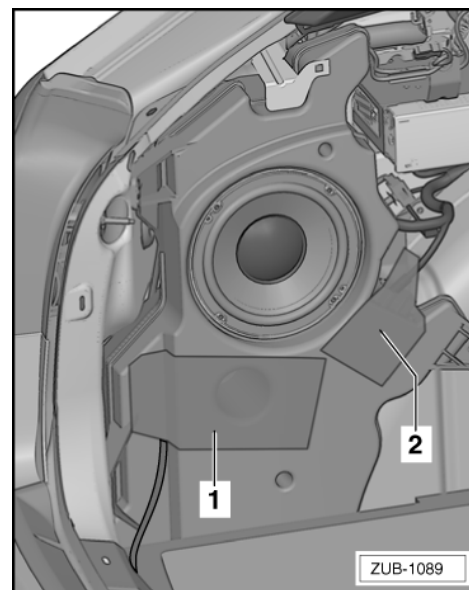




- Affix the debounce kit to the bass reflex opening -1- and to the opening for the amplifier -2- on the housing:

1 - 200 x 100 mm

2 - 150 x 75 mm



- Affix the debounce kit on the holes -1- for securing the amplifier to the rear of the housing:

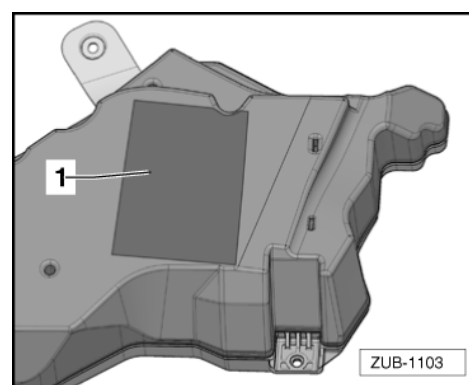
1 - 150 x 75 mm

- Install the housing with bass loudspeaker.
- Connect the bass loudspeaker to the wiring harness from the installation kit.

⚠ Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness from the installation kit with cable ties until all connections have been made ⇒ Page 32.**



Tightening torques:

| Component | Nm |
|--------------------------------------|----|
| Bass loudspeaker to housing | 5 |
| Housing for bass loudspeaker to body | 5 |

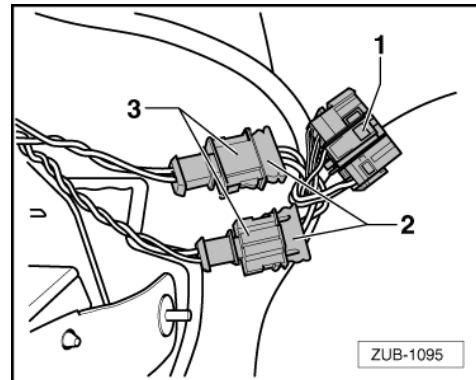
UK/US



5.8 Connect the rear left and rear right mid-range loudspeaker to the wiring harness from the installation kit (vehicles with “concert or symphony” radio system, or with navigation system)

Sequence of operations:

- Unpin the following wires from the connector for the bass loudspeaker and amplifier -1- from the standard wiring harness:
- ◆ Brown/yellow and red/yellow (for the rear left mid-range loudspeaker)
- ◆ Blue/black and white/black (for the rear right mid-range loudspeaker)
- Insert the wires into the connector housing -2- in accordance with the colour coding for the wiring harness from the installation kit.
- Connect both connector housings -2- to both connectors for the wiring harness from the installation kit -3-.



⚠ Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness with cable ties until all connections have been made ⇒ Page 32.**
- Isolate the connector for the bass loudspeaker and amplifier -1- and secure using cable ties to prevent noise.

5.9 Installing the “Audi Sound plus” switch

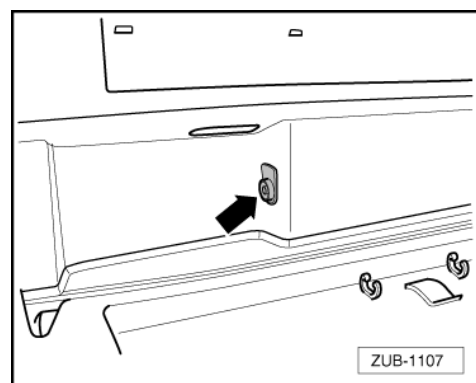
The “Audi Sound plus” switch -arrow- is installed on the left in the glove compartment below the glove compartment light in the centre.

i Note

- ◆ *The glove compartment is installed on the left side in right-hand drive vehicles.*
- ◆ *The “Audi Sound plus” switch is installed accordingly on the right in the glove compartment below the glove compartment light in the centre.*

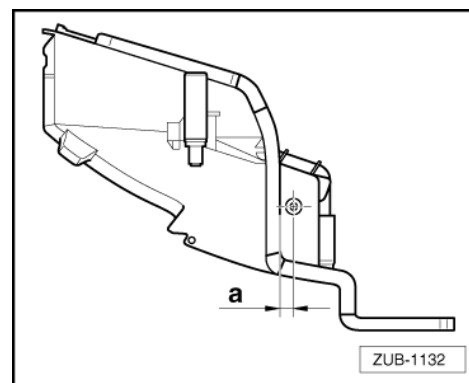
Sequence of operations:

- Mark the drill point from the outside on the glove compartment:



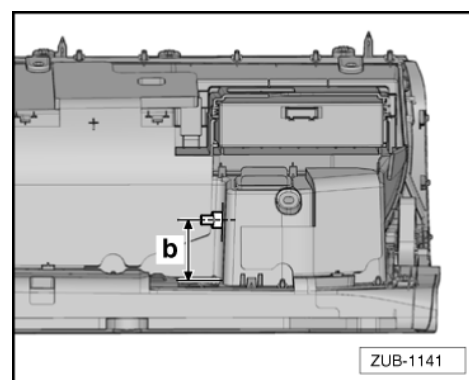


◆ -a- = 24 mm



◆ -b- = 52 mm

- Use a 2 mm drill to create the hole.
- Check that the hole is located in the centre inside the glove compartment.
- Drill out the hole to 12 mm.
- Clean the hole thoroughly.
- Check the position of the hole by test fitting the “Audi Sound plus” switch.
- Secure the “Audi Sound plus” switch with logo from the outside using a hexagon nut.
- Attach the connector housing from the installation kit and connect the wires for the “Audi Sound plus” switch to the wiring harness from the installation kit.
- Tie up surplus wire lengths from the switch (as per the scope of delivery) and secure using cable ties.
- Protect solder joints on the switch by applying a suitable hot-melt adhesive.
- Also secure the wires for the switch with a strip of debounce kit on the glove compartment to relieve strain.



⚠ Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness with cable ties until all connections have been made ⇒ Page 32.**



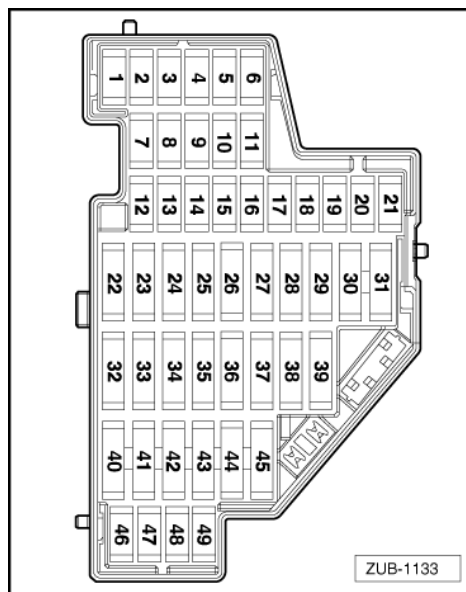
5.10 Connecting the positive wire for the amplifier to the fuse holder for the instrument panel on the driver side

Sequence of operations:

- Depending on the model year of the vehicle, the positive wire is connected to the fuse holder for the instrument panel on the driver side:

| Model year | Positive wire to slot | Jumper link to terminal 30 required |
|------------|----------------------------|-------------------------------------|
| Up to 2006 | SC32 (not assigned) | No |
| Up to 2006 | SC43 (if SC32 is assigned) | Yes ⇒ Page 28 |
| From 2007 | SC35 | No |

- Safeguard the positive wire using a 20 A fuse at the corresponding slot.



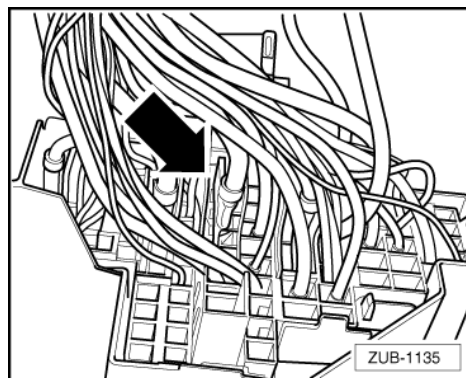
Vehicles up to model year 2006 (slot SC32 assigned on the fuse holder):

- Connect the jumper link from the installation kit to the pin terminal for the fuse holder -arrow- and to the fuse holder slot SC43a ⇒ Current flow diagrams, Electrical fault finding and Fitting locations.
- Connect the positive wire to the fuse holder slot SC43b ⇒ Current flow diagrams, Electrical fault finding and Fitting locations.

⚠ Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made ⇒ Page 32.

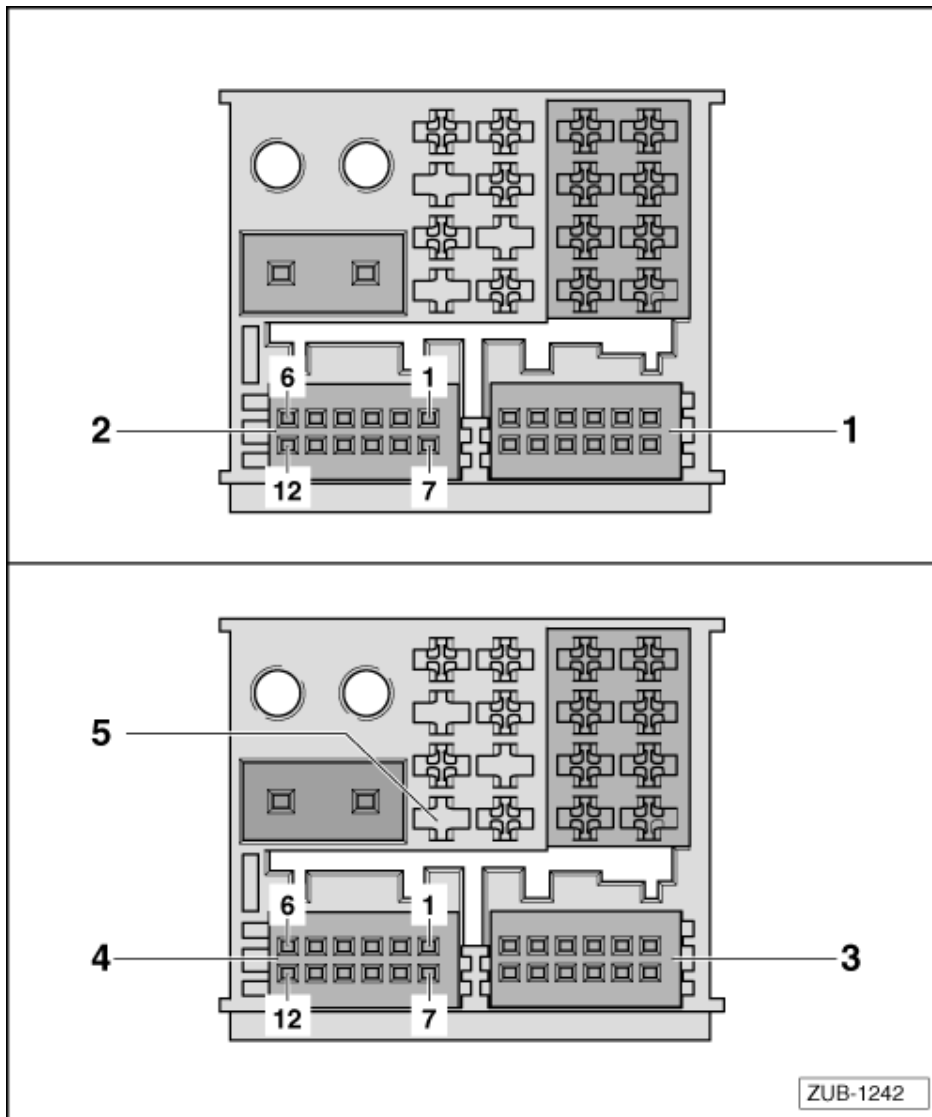




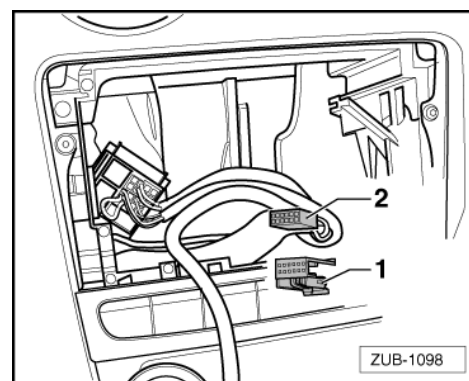
5.11 Connecting the connector from the installation kit to the connector for the radio or control unit for the navigation system operating electronics

Sequence of operations:

- Unclip the green -2- and blue -1- connectors from the quad lock connector (from the standard wiring harness).
- Clip the blue connector -1- into the same position in the quad lock connector from the installation kit -3-.



- Unclip the green connector housing -1- from the connector -2-.



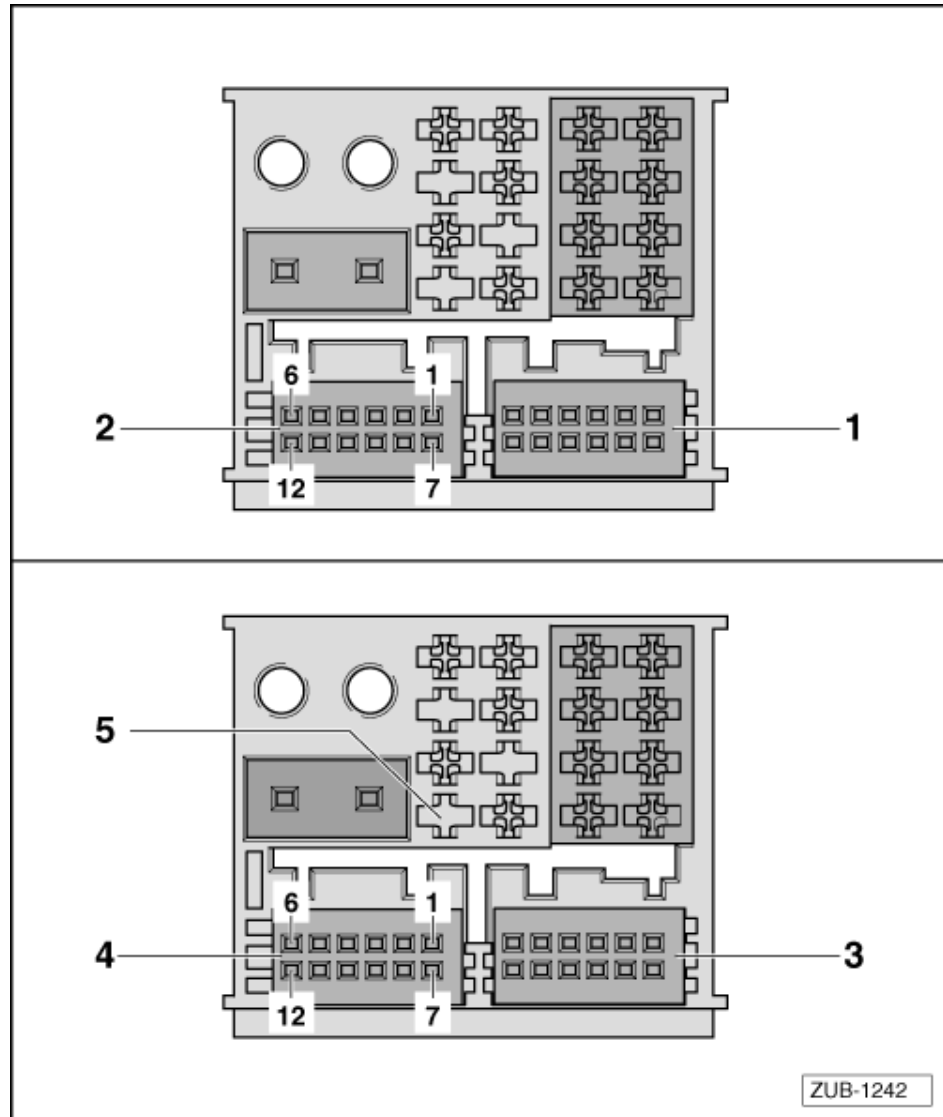
UK/US



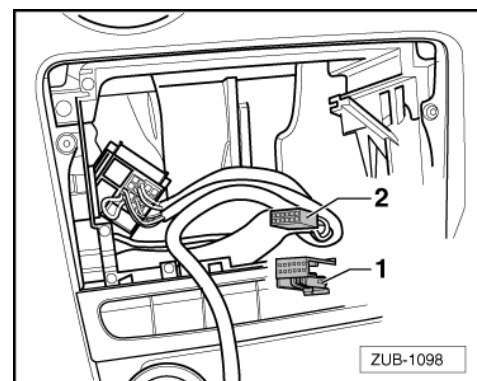
i Note

The wires in pin 5, 8 and 11 remain in the green connector from the standard wiring harness.

- Unpin the individual wires from the green connector -2- from the standard wiring harness.
- Pin the unpinned wires into the same pin in the black connector -4- from the retrofit wiring harness



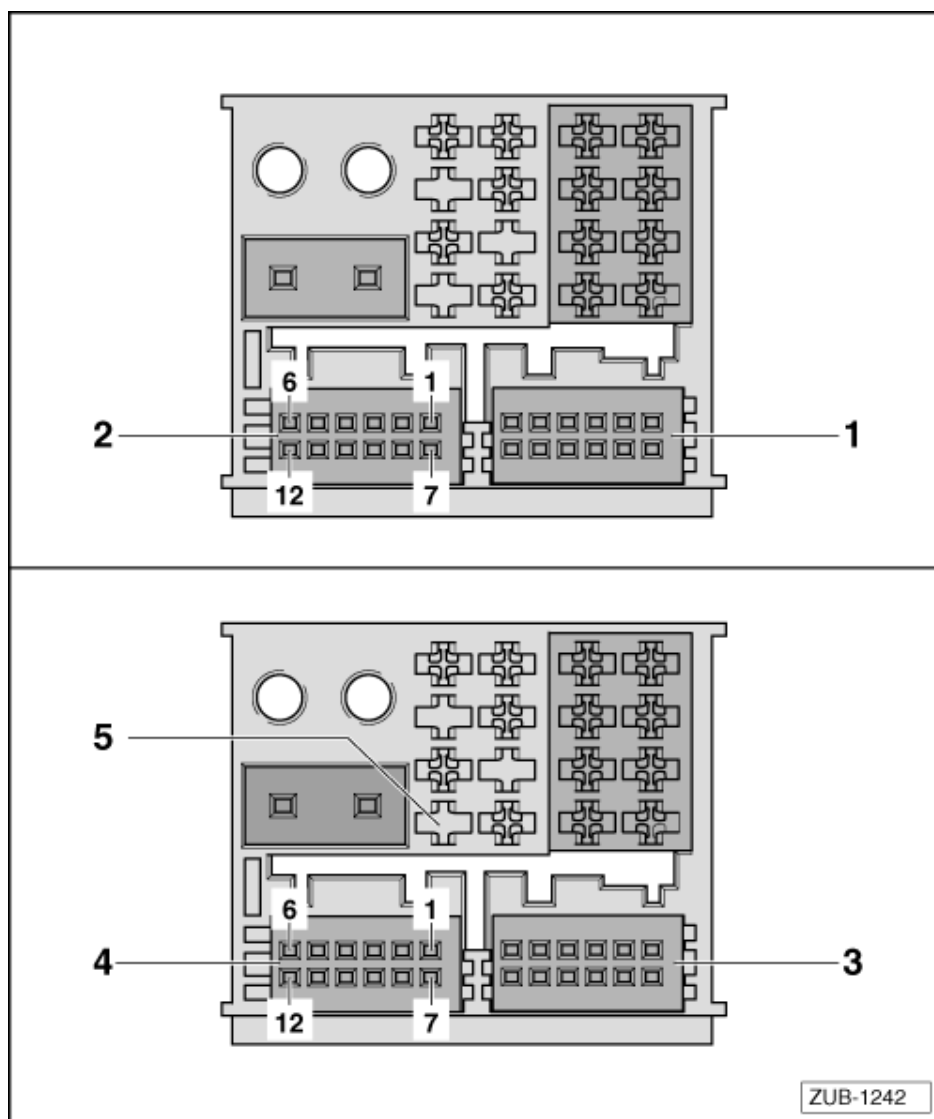
- Clip the green connector housing -1- from the installation kit into the connector -2-.
- Clip the green connector housing -1- into the standard quad lock connector.
- Connect and secure the standard quad lock connector to the quad lock coupling from the installation kit.
- Insulate the wiring harness and secure using cable ties to prevent noise.
- Clip the black connector housing from the installation kit into the connector.
- Clip the black connector from the installation kit into the same slot in the connector housing from the installation kit.





“Concert or symphony” radio system, or with navigation system:

- Remove the shrink sleeve from the red/black wiring harness on the quad lock connector from the installation kit.
- Pin the red/black wiring harness into pin D16-5- on the quad lock connector from the installation kit.



UK/US

Continue for all:

- Connect and secure the quad lock connector from the installation kit to the radio or control unit for the navigation system operating electronics.

⚠ Caution

Risk of damage to the wiring harness:

- **Do not secure the wiring harness from the installation kit with cable ties until all connections have been made ⇒ Page 32.**



5.12 Deactivating the centre mid-range and treble loudspeaker (vehicles with “concert or symphony”, or with navigation system)

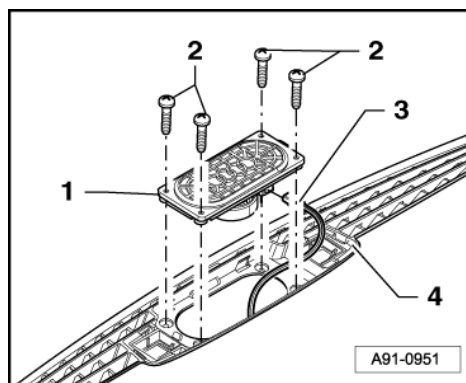
Sequence of operations:

- Unclip the cover over the centre mid-range and treble loudspeaker.
- Remove the screws -2-.
- Lift the centre mid-range and treble loudspeaker -1- out of the instrument panel -4- and disconnect the connector -3-.
- Isolate the connector for the standard wiring harness and secure using cable ties to prevent noise.

Installation is carried out in reverse order.

Tightening torques:

| Component | Nm |
|---|----|
| Centre mid-range and treble loudspeaker to instrument panel | 1 |



5.13 Securing the wiring harness from the installation kit using cable ties

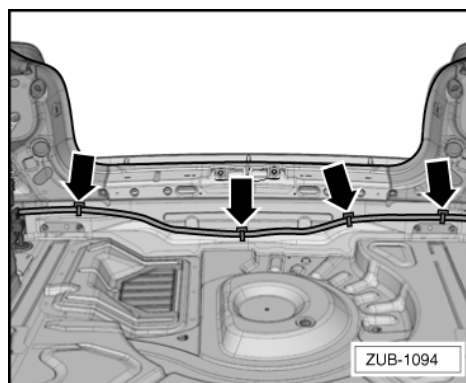
⚠ Caution

Risk of damage to the wiring harness:

- **All routed wires from the wiring harness must be secured using cable ties.**
- **Do not secure the wiring harness with cable ties until all connections have been made.**
- **This is the only way to make sure that the wires are not subjected to mechanical tension when they are routed.**
- **When routing the wires, make sure that there are no exposed sharp edges that may damage them.**
- **Integrate any excess wire lengths into the wiring harness and secure using cable ties.**

Left-hand drive vehicles:

- Clean the bonding surfaces for the adhesive sockets -arrows- on the body.
- Affix the adhesive sockets and use cable ties to secure the positive wire with the wiring harness for the bass loudspeaker to the adhesive sockets.





Note

- ◆ *In cabriolet vehicles, only the positive wire is routed under the rear bench seat to the fuse holder for the instrument panel on the driver side.*
- ◆ *The wiring harness for the bass loudspeaker is routed behind the side trim on the right in the interior.*

Right-hand drive vehicles (3 and 5-door):

- Route the positive wire along the right-hand side of the standard wiring harness to the fuse holder for the instrument panel on the driver side (on the left).

Continue for all:

- Use cable ties to secure the entire wiring harness from the installation kit to the corresponding standard wiring harnesses.

5.14 Installing the “Audi Sound plus” logo plates

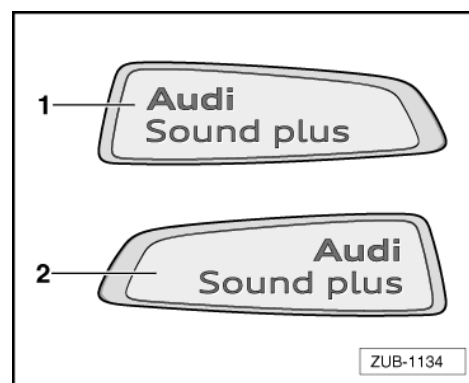
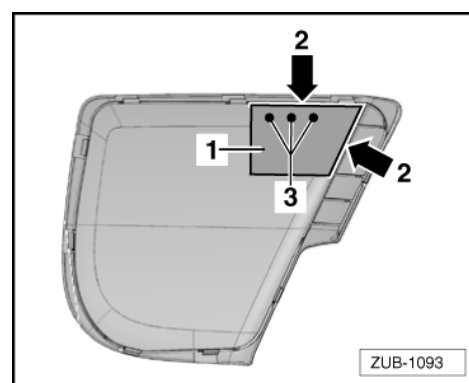
Sequence of operations:

- Remove the front left and right sections of the loudspeaker trim in the doors ⇒ Rep. gr. 70.
- Position the drilling template -1- on the contact surfaces -2- on the rear of the loudspeaker trims and mark the drill points -3-.
- Use a 2 mm drill to create the holes.
- Clean the holes thoroughly.

- Check the position of the holes by test fitting the left -1- and right -2- logo plates in the loudspeaker trims.
- Place the logo plates with the loudspeaker trims on a flat surface.
- Secure the logo plates using the retaining clips and a suitable hexagon nut on the rear of the loudspeaker trims.

Note

- ◆ *Note the installation point of the retaining clips.*
- ◆ *The flat side of the retaining clips must rest against the loudspeaker trim.*



5.15 Assembling the vehicle

Sequence of operations:

- Connecting the battery ⇒ Rep. gr. 27.



- Check the acoustic function of the “Audi Sound plus” system before assembling the vehicle.

The vehicle is assembled in the reverse order.

- Before delivering the vehicle, all regulators for the sound settings on the radio panel must be set to medium to guarantee optimum sound.

i **Note**

- ◆ *When reading out the event memory, there may be static entries in the "Radio control unit loudspeaker" field. This will not affect the system.*
- ◆ *For vehicles with the concert or symphony radio systems, or with a navigation system: As a result of replacing the amplifier, ⇒ [Page 24](#) there may be an entry in the event memory in the "Sound amplifier" and "Gateway control unit" field. This will not affect the system.*

5.16 Returning the vehicle

The system functions must be explained to the customer when returning the vehicle.