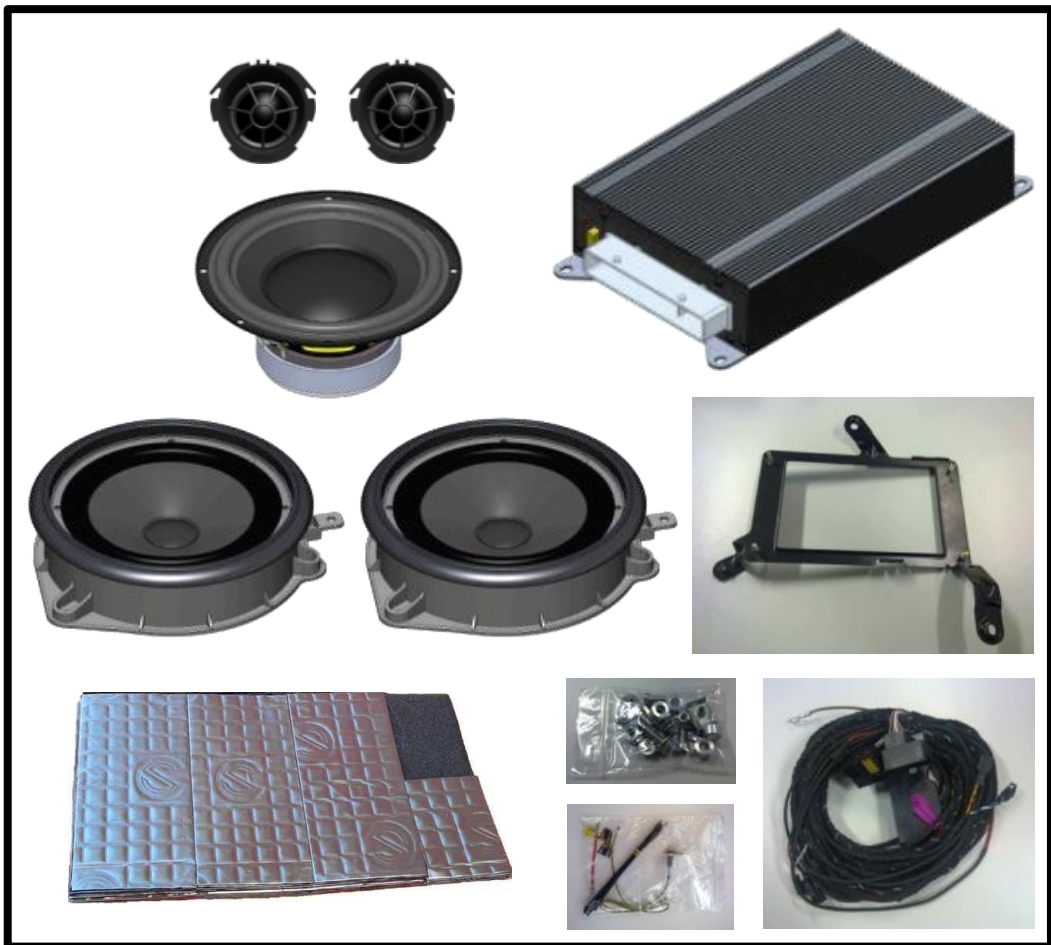


FOR CAR USE ONLY/NUR FÜR AUTOMOBILGEBRAUCH/POUR APPLICATION AUTOMOBILE  
UNIQUEMENT/SOLO PARA USO EN AUTOMÓVILES/PER IL SOLO UTILIZZO IN AUTOMOBILE



PREMIUM SOUND UPGRADE FOR AUDI A3 (8P/PA)

# SPC-300A3



Installation Manual

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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 SPC-300A3 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 SPC-300A3 system.

ALPINE 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.

- ◆ 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

### 2.1 3-door

#### 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		Description
1		Amplifier
1		Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Bass loudspeaker without housing</li> <li>◆ Retaining plate for bass loudspeaker housing</li> </ul>
1		Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Two treble loudspeakers with mounting ring</li> <li>◆ Two mid-range and bass loudspeakers with mounting ring</li> </ul> <ul style="list-style-type: none"> <li>◆ Debounce kit for doors and housing for bass loudspeaker</li> <li>◆ Installation instructions</li> </ul> Fittings for amplifier: <ul style="list-style-type: none"> <li>◆ Four M5 securing nuts</li> <li>◆ Three M8 securing nuts</li> <li>◆ Four M8 spacer sleeves</li> <li>◆ Bracket for amplifier</li> <li>◆ Three M5 hexagon socket head cap screws (only required for 5-door vehicles)</li> <li>◆ Three M5 snap nuts — only required for 5-door vehicles)</li> <li>◆ One hexagon securing bolt (only required for cabriolet vehicles) —</li> </ul>
1		Wiring harness with: <ul style="list-style-type: none"> <li>◆ Jumper link (not required for all vehicles)</li> <li>◆ 20 A fuse</li> <li>◆ 15 cable ties</li> <li>◆ Four adhesive sockets</li> <li>◆ Two connector housings for connector for mid-range loudspeaker</li> </ul>

## 2.2 5-door

### 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		Description
1		Amplifier
1		Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Bass loudspeaker without housing</li> <li>◆ Retaining plate for bass loudspeaker housing (only required for 3-door vehicles)</li> </ul>
1		Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Two treble loudspeakers with mounting ring</li> <li>◆ Two mid-range and bass loudspeakers with mounting ring</li>   <li>◆ Debounce kit for doors and housing for bass loudspeaker</li> <li>◆ Installation instructions</li> </ul> Fittings for amplifier: <ul style="list-style-type: none"> <li>◆ Three M5 hexagon socket head cap screws</li>   <li>◆ Three M5 snap nuts</li> <li>◆ Bracket for amplifier (only required for 3-door)</li> <li>◆ Four M5 securing nuts — only required for 3-door and cabriolet vehicles)</li> <li>◆ Three M8 securing nuts — only required for 3-door and cabriolet vehicles)</li> <li>◆ Four M8 spacer sleeves (only required for 3-door and cabriolet vehicles)</li> <li>◆ One hexagon securing bolt — only required for cabriolet vehicles)</li> </ul>
1		Wiring harness with: <ul style="list-style-type: none"> <li>◆ Jumper link (not required for all vehicles)</li> <li>◆ 20 A fuse</li> <li>◆ 15 cable ties</li> <li>◆ Four adhesive sockets</li> <li>◆ Two connector housings for connector for mid-range loud-speaker</li> </ul>

### 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	Description
1	Amplifier
1	Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Bass loudspeaker without housing</li> <li>◆ Retaining plate for bass loudspeaker housing (only required for 3-door)</li> </ul>
1	Installation kit comprises: <ul style="list-style-type: none"> <li>◆ Two treble loudspeakers with mounting ring</li> <li>◆ Two mid-range and bass loudspeakers with mounting ring</li>   <li>◆ Debounce kit for doors and housing for bass loudspeaker</li> <li>◆ Installation instructions</li> </ul>
	Fittings for amplifier: <ul style="list-style-type: none"> <li>◆ Four M5 securing nuts</li> <li>◆ Four M8 spacer sleeves</li> <li>◆ One hexagon securing bolt</li> <li>◆ Three M8 securing nuts <span style="float: right;">— only two of the three nuts are required)</span></li> <li>◆ Three M5 hexagon socket head cap screws <span style="float: right;">— only required for 5-door vehicles)</span></li> <li>◆ Three M5 snap nuts <span style="float: right;">— only required for 5-door vehicles)</span></li> <li>◆ Bracket for amplifier (only required for 3-door)</li> </ul>
1	Wiring harness with: <ul style="list-style-type: none"> <li>◆ Jumper link (not required for all vehicles)</li> <li>◆ 20 A fuse</li> <li>◆ 15 cable ties</li> <li>◆ Four adhesive sockets</li> <li>◆ Two connector housings for connector for mid-range loudspeaker</li> </ul>

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

### 3 Assembly overview

#### 3.1 3 and 5-door vehicles

1-

#### 2 - Treble loudspeaker, front right

- In the A-pillars, centre
- Replace  
->Page 15
- 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 16

#### 4 - Wiring harness

- From the installation kit
- Route ->Page 14
- Secure with cable ties ->Page 21

#### 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 19

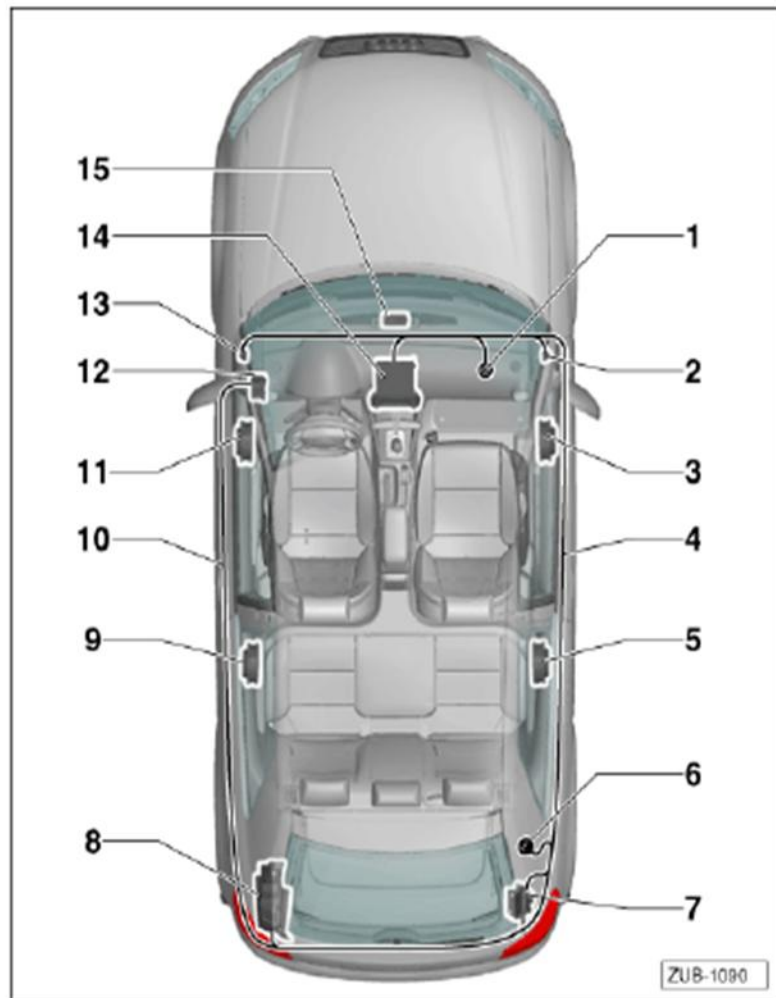
#### 6 - Earth point

- Connect the earth wire from the installation kit wiring harness to the earth point ->Page 14
- On the C-pillar, right

#### 7 - „SPC-300A3“ amplifier

- Installation ->Page 11
- Connect to the wiring harness from the installation kit

#### 8 - Bass loudspeaker with housing





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

- Replace bass loudspeaker ->Page 17
- 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 19

#### **10 - Positive wire**

- From the connector for the amplifier
- From the installation kit
- Route ->Page 14
- Connect to the fuse holder for the instrument panel on the driver side ->Page 19
- Secure with cable ties ->Page 21

#### **11 - Mid-range and bass loudspeaker, front left**

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ->Page 16

#### **12 - Fuse holder for the instrument panel, driver side**

- Connect the positive wire from the connector for the amplifier ->Page 19

#### **13 - Treble loudspeaker, front left**

- In the A-pillars, centre
- Replace ->Page 15
- 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 20

#### **15 - Mid-range and treble loudspeaker, centre**

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

- Deactivate ->Page 21

## 3.2 Cabriolet

1-

### 2 - Treble loudspeaker, front right

- In the A-pillars, centre
- Replace  
->Page 15
- 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 16

### 4 - Wiring harness

- From the installation kit
- Route ->Page 14
- Secure with cable ties ->Page 21

### 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 19

### 6 - Bass loudspeaker with housing

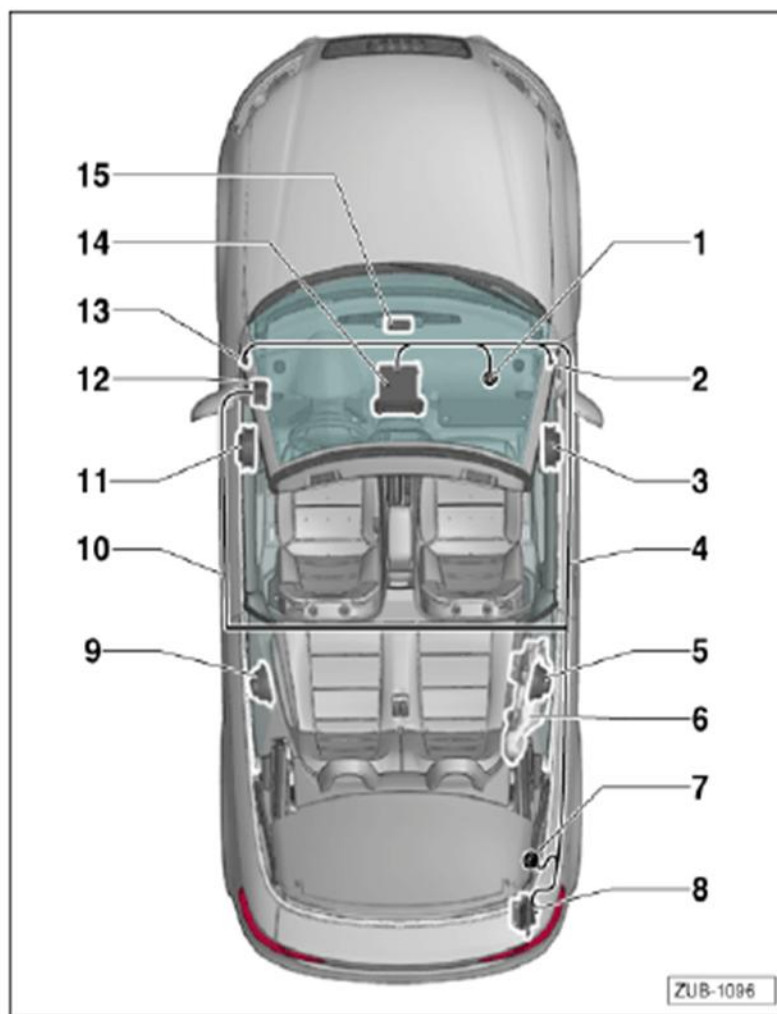
- Installed behind the rear right side trim in the interior

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

- Replace bass loudspeaker ->Page 17
- 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 14



- On the wheel housing, rear right

#### **8 - „SPC-300A3“ amplifier**

- Installation ->Page 11
- 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 19

#### **10 - Positive wire**

- From the connector for the amplifier
- From the installation kit
- Route ->Page 14
- Connect to the fuse holder for the instrument panel on the driver side ->Page 19
- Secure with cable ties ->Page 21

#### **11 - Mid-range and bass loudspeaker, front left**

- In the doors, bottom
- Connect to the standard wiring harness
- Replace ->Page 16

#### **12 - Fuse holder for the instrument panel, driver side**

- Connect the positive wire from the connector for the amplifier ->Page 19

#### **13 - Treble loudspeaker, front left**

- In the A-pillars, centre
- Replace ->Page 15
- 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 20

#### **15 - Mid-range and treble loudspeaker, centre**

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

- Deactivate ->Page 21

## 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 „SPC-300A3“ installation kit

### 5.1 Installing the „SPC-300A3“ 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

Alpine radio/AVN or  
Audi „concert or symphony“ radio system or  
or with Audi navigation system  
(in brackets setting for right-hand drive cars):

- ◆ Rotary switch -1- in position 1 (1)
- ◆ Rotary switch -2- in position 0 (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-.

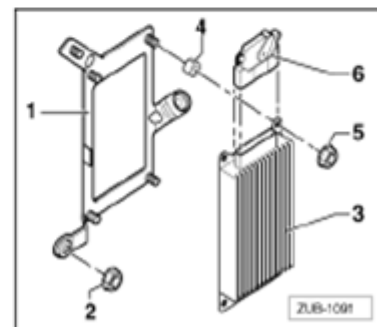
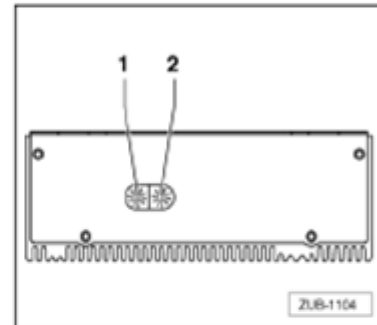
##### Caution

*Risk of damage to the wiring harness:*

- **Do not secure the wiring harness with cable ties until all connections have been made ->Page 21**

##### 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

Alpine radio/AVN or  
Audi „concert or symphony“ radio system or  
or with Audi navigation system  
(in brackets setting for right-hand drive cars):

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

### Continue for all:

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

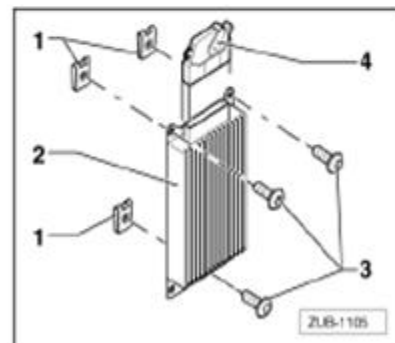
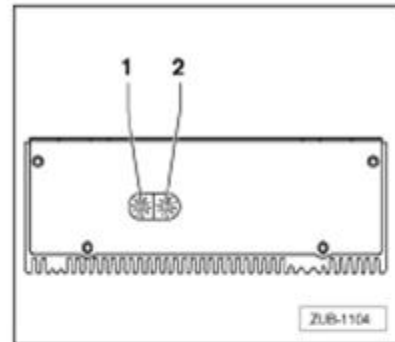
### Caution

*Risk of damage to the wiring harness:*

- *Do not secure the wiring harness with cable ties until all connections have been made ->Page 21*

### Tightening torques:

Component	Nm
Amplifier on body	8



### 5.1.3 Cabriolet

#### 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.

#### Cabriolet vehicles with

Alpine radio/AVN or  
Audi „concert or symphony“ radio system or  
or with Audi navigation system  
(in brackets setting for right-hand drive cars):

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

#### Continue for all:

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

#### Note

The sticker must not be damaged.

#### 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- using the four spacer sleeves -5- and securing nuts -6- to the bracket -1-.
- Connect and secure the connector -7- for the amplifier -4-.

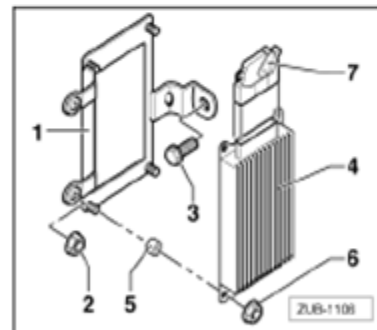
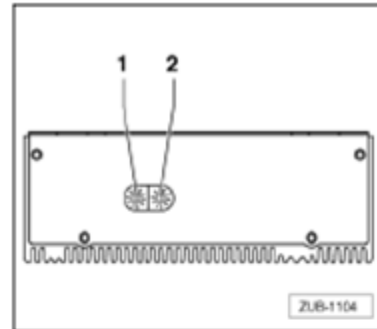
#### Caution

Risk of damage to the wiring harness:

- Do not secure the wiring harness with cable ties until all connections have been made → Page 21

#### 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:*

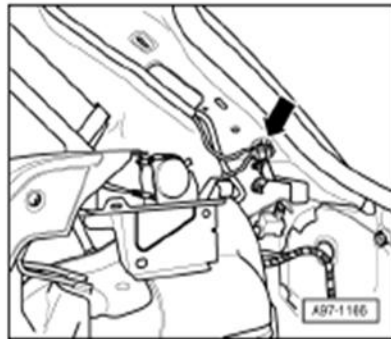
- Do not secure the wiring harness from the installation kit with cable ties until all connections have been made  
->Page 21

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

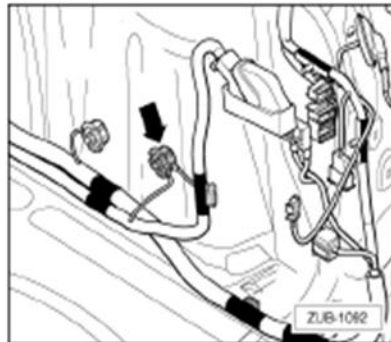


Cabriolet vehicles:

- 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 21

Left-hand drive vehicles:

### i Note

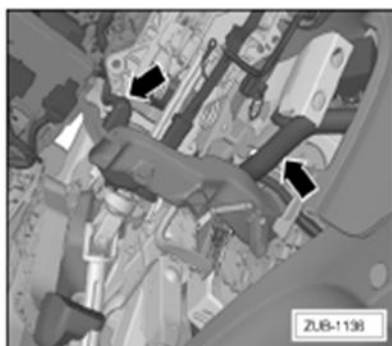
- ◆ In cabriolet vehicles, only the positive wire is routed under the rear bench seat to the fuse holder for the instrument panel on the driver side.
- ◆ The wiring harness for the bass loudspeaker is routed behind the side trim on the right in the interior.



- 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.



## 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:

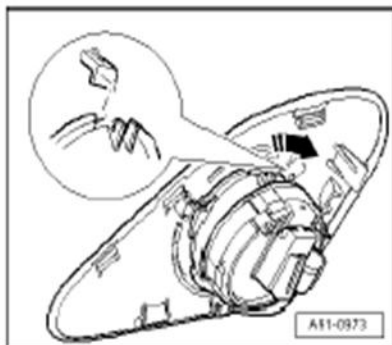
- Replace the front left and right treble loudspeakers in the A-pillar → Rep. gr. 91.
- Connect the front left and right treble loudspeakers to the wiring harness from the installation kit and install with the trim for the A-pillar.



#### Caution

#### Risk of damage to the wiring harness:

- Do not secure the wiring harness with cable ties until all connections have been made → **Page 21**
- Secure the connector for the standard wiring harness using cable ties to prevent noise.



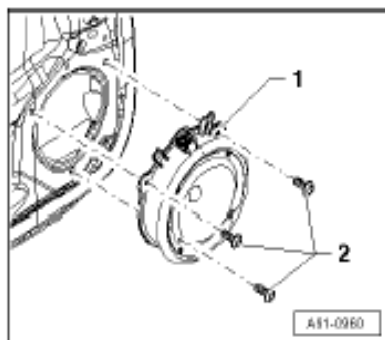
## 5.5 Replacing the front left and right mid-range and bass loudspeakers

### 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.

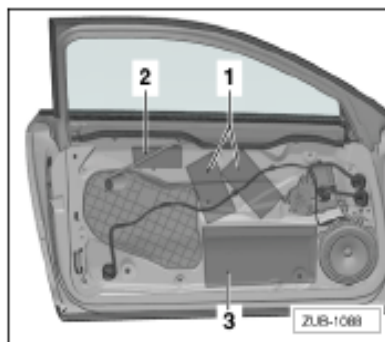
#### Sequence of operations:

- 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:



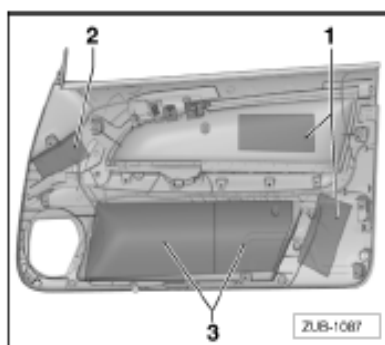
#### Debounce kit on door, right and left:

- 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



## 5.7 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:

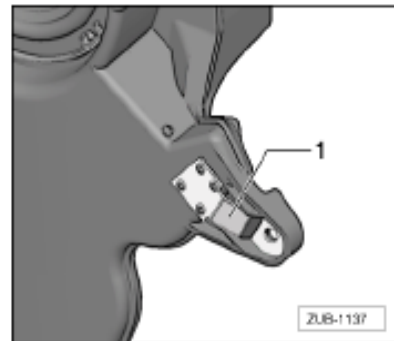
- Remove the bass loudspeaker and amplifier from the housing → Rep. gr. 91.

### Note

Once removed, the bass loudspeaker and amplifier are no longer required.

### Installation:

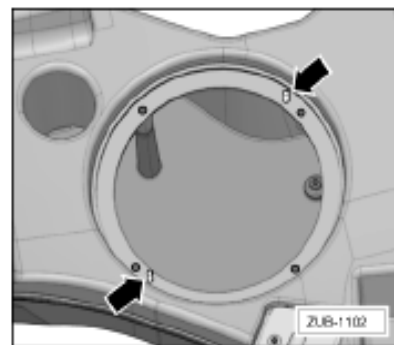
- Secure the retaining plate -1- to the housing using the pop rivets.



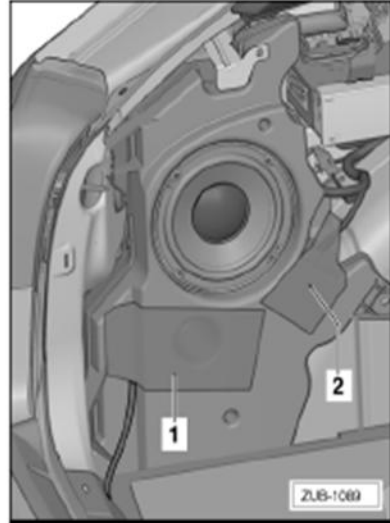
- Cut off both centring pins -arrows- for the bass loudspeaker so that they are flush against the housing.
- Feed the wiring harness for the new bass loudspeaker through the bass reflex opening.
- Install the bass loudspeaker in the housing.

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

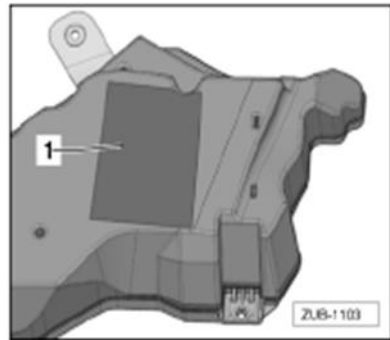
- ◆ Bass reflex opening
- ◆ Opening for the amplifier
- ◆ Holes to secure the amplifier to the rear of the housing



- 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 21

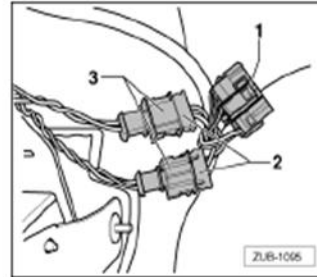
**Tightening torques:**

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

## 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 21
- Isolate the connector for the bass loudspeaker and amplifier -1- and secure using cable ties to prevent noise.

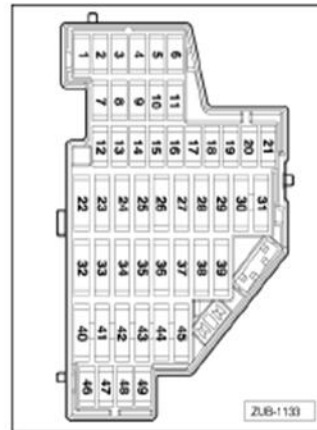
## 5.10 Connecting the positive wire for the amplifier to the fuse holder for the instrument panel on the driver side

### 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:

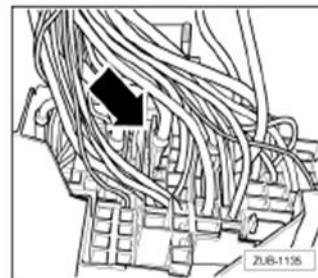
Model year	Positive wire to slot	Jumper link to terminal 30 required
Up to 2006	SC32 (not assigned)	No
Up to 2006	SC43 (if SC32 is assigned)	Yes -> Page 19
From 2007	SC35	No

- 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 21

## 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 -1- and blue -2- connectors from the connector housing of the standard wiring harness.
  - Clip the blue connector -2- into the same place in the connector housing from the installation kit.
- 
- Unclip the green connector housing -1- from the connector -2-.
  - Unpin the following wires from the green connector -2- of the standard wiring harness:
    - ◆ Black (pin 8)
    - ◆ Green (pin 12)
  - Clip the green connector housing -1- back to connector -2-, clip into the standard connector housing and then connect and secure to the connector from the installation kit.
  - Isolate the old connector from the standard wiring harness.
  - Pin the black and green wire to the same slot in the connector from the installation kit.
  - Clip the green connector housing from the installation kit to the connector.
  - Clip the green 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:

- Pin the red/white wire of the wiring harness from the installation kit into pin D18 of the connector for the radio or control unit for the navigation system operating electronics.

### Continue for all:

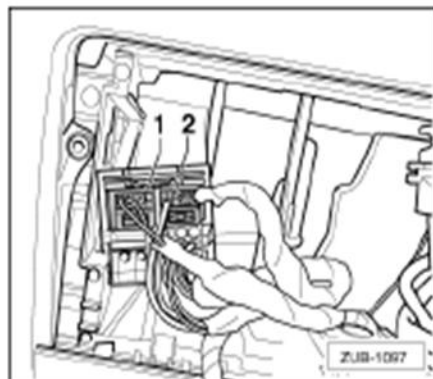
- Connect and secure the connector from the installation kit to the radio or control unit for the navigation system operating electronics.

### ⚠ 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 21



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

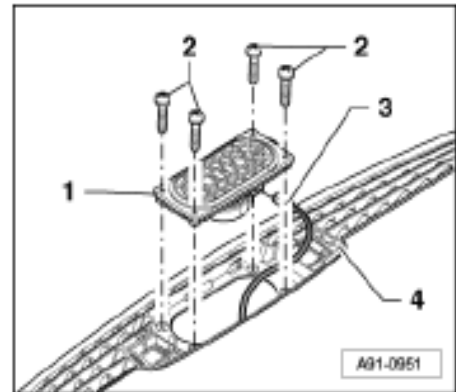
### Sequence of operations:

- 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

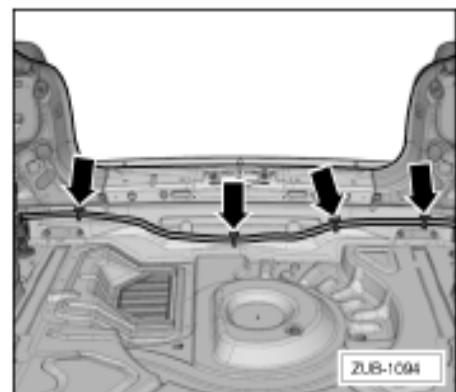
### ⚠ Caution

#### 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.

## 5.15 Assembling the vehicle

### Sequence of operations:

- Connect the battery → Rep. gr. 27.
- Check the acoustic function of the SPC-300A3 before assembling the vehicle.

The vehicle is assembled in the reverse order.

## 5.16 Returning the vehicle

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