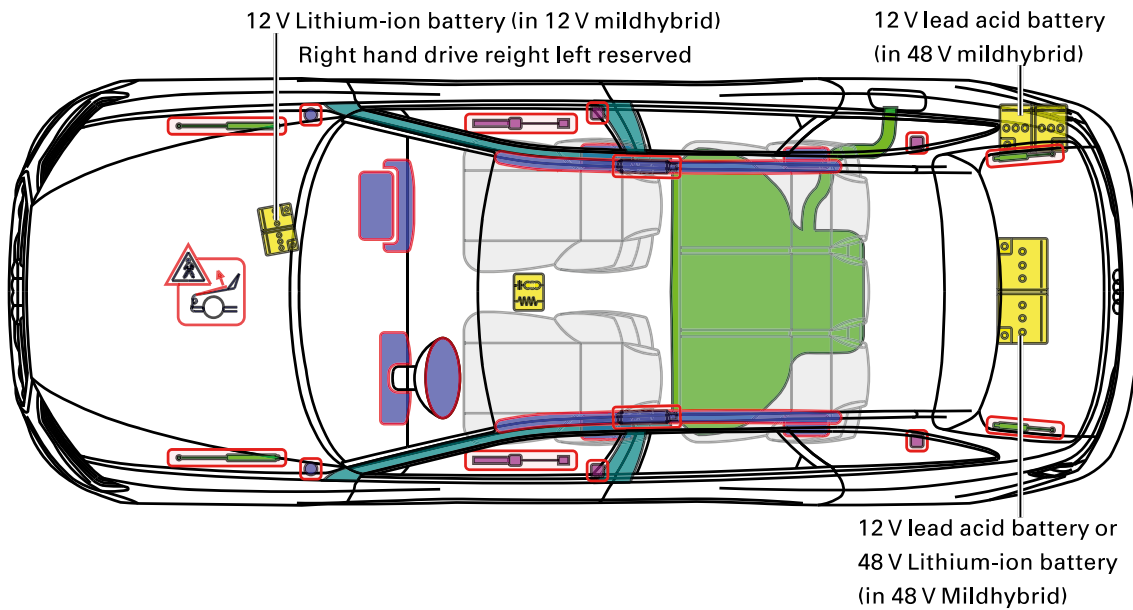


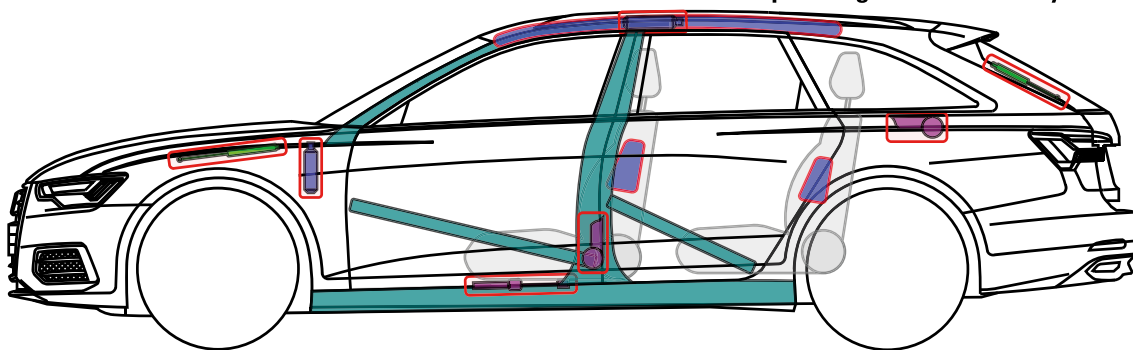


▶ Audi A6 / S6 Avant

from 2018



**! WARNING 48 V: Electric arc possible! Turn off ignition before separating the 48 V battery!**



**Legend**

	Airbag		Reinforcement		Control module		Pedestrian protection system
	Gas generator		Overroll protection		12 V or 48 V battery		
	Pretensioner		Gas-pressure damper		Fuel tank		

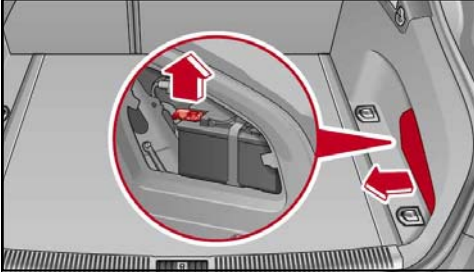


## ▶ Audi A6 Avant 48 V Mildhybrid

from 2018

### 12 V lead acid battery

- remove the battery cover
- separate the minus pole of the 12V battery



### 48 V Lithium-ion battery

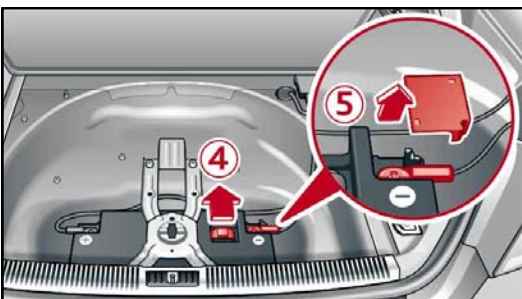
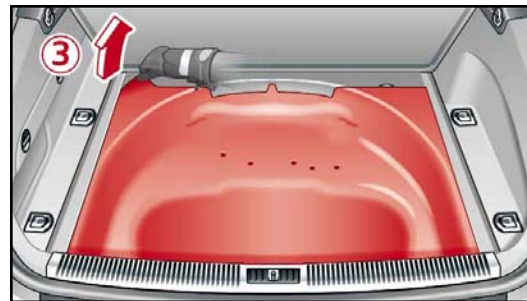
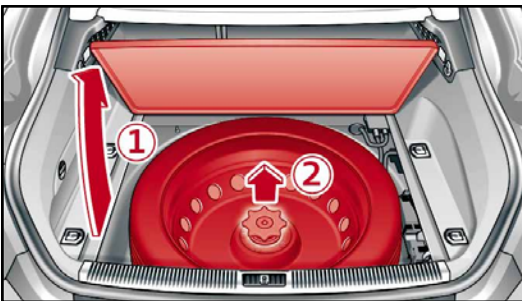
**The 48 V on-board Lithium-ion battery is automatically deactivated during accidents in which the airbag(s) deployed.**

For all other cases, in order to deactivate the on-board power supply the 48 V Lithium-ion battery has to be separately disconnected in addition to the 12 V lead acid battery. Therefore:

**Turn off ignition before separating the 48V battery!**

1. remove the cargo floor from the trunk
2. remove the spare tire and vehicle tool kit
3. strip the lining of the spare wheel recess as shown below
4. pull out the communication connector plug
5. remove the right sided pole cap and undo the screws of the minus pole (brown/purple cable).

**WARNING! Hazard due to electric arc**





## ▶ Audi A6 Avant 12 V Mildhybrid

from 2018

### 12 V Lithium-ion battery

In order to deactivate the on-board power supply the 12 V Lithium-ion battery in the motor compartment has to be separately disconnected in addition to the 12 V lead acid battery in the luggage compartment. Therefore:

1. remove cover engine compartment → access 12 V Lithium-ion battery possible
2. pull out the communication connector plug
3. separate the minus pole of the 12 V Lithium-ion battery

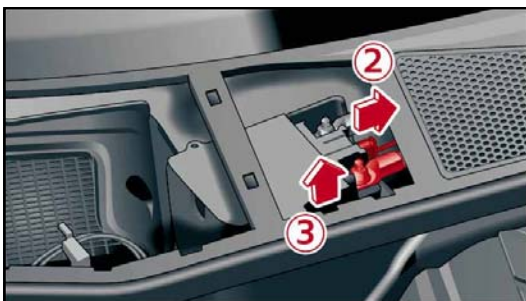
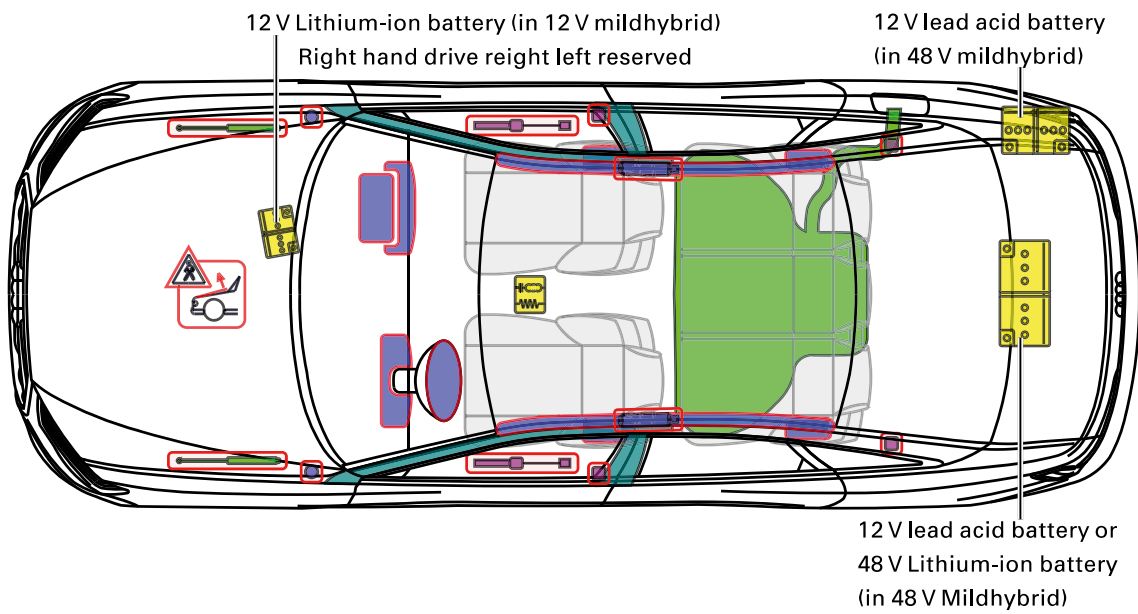


Fig. show left hand drive,  
Right hand drive right left reserved

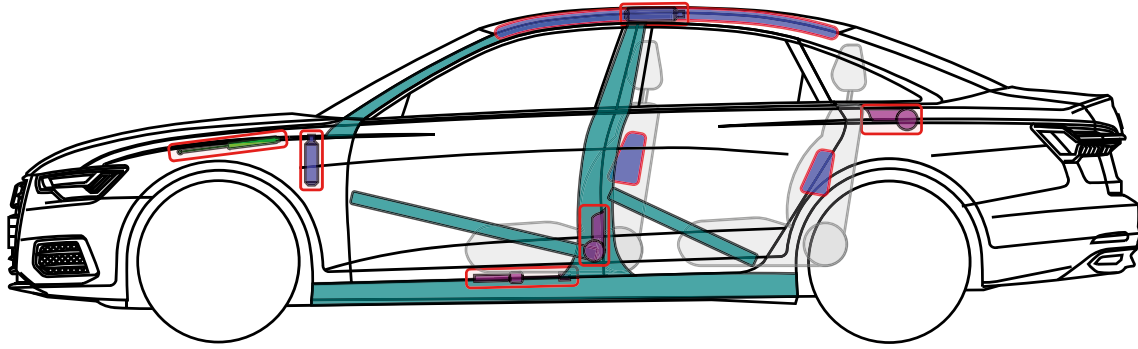


▶ Audi A6 / S6



from 2018

**⚠ WARNING 48 V: Electric arc possible! Turn off ignition before separating the 48 V battery!**



**Legend**

	Airbag		Reinforcement		Control module		Pedestrian protection system
	Gas generator		Overroll protection		12 V or 48 V battery		
	Pretensioner		Gas-pressure damper		Fuel tank		

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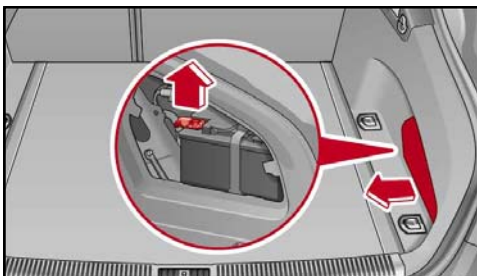


## ▶ Audi A6 48 V Mildhybrid

from 2018

### 12 V lead acid battery

- remove the battery cover
- separate the minus pole of the 12V battery



### 48 V Lithium-ion battery

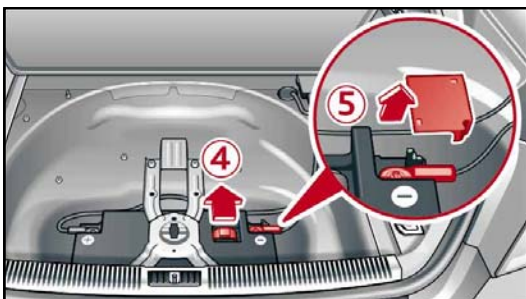
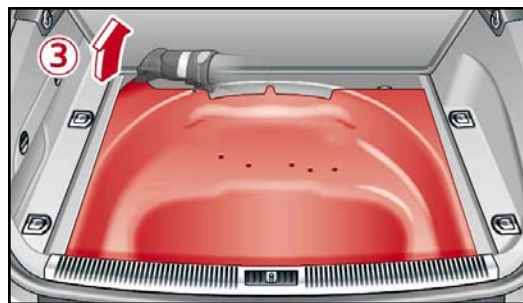
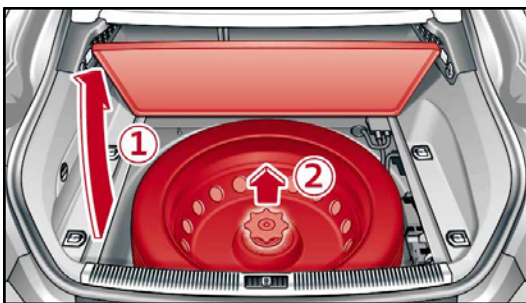
**The 48 V on-board Lithium-ion battery is automatically deactivated during accidents in which the airbag(s) deployed.**

For all other cases, in order to deactivate the on-board power supply the 48 V Lithium-ion battery has to be separately disconnected in addition to the 12 V lead acid battery. Therefore:

**Turn off ignition before separating the 48V battery!**

1. remove the cargo floor from the trunk
2. remove the spare tire and vehicle tool kit
3. strip the lining of the spare wheel recess as shown below
4. pull out the communication connector plug
5. remove the right sided pole cap and undo the screws of the minus pole (brown/purple cable).

**WARNING! Hazard due to electric arc**








▶ Audi A6 12 V Mildhybrid

from 2018

**12 V Lithium-ion battery**

In order to deactivate the on-board power supply the 12 V Lithium-ion battery in the motor compartment has to be separately disconnected in addition to the 12 V lead acid battery in the luggage compartment. Therefore:

- 1.  remove cover engine compartment → access 12 V Lithium-ion battery possible
- 2.  pull out the communication connector plug
- 3.  separate the minus pole of the 12 V Lithium-ion battery

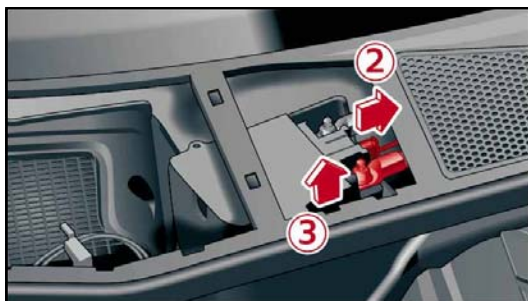
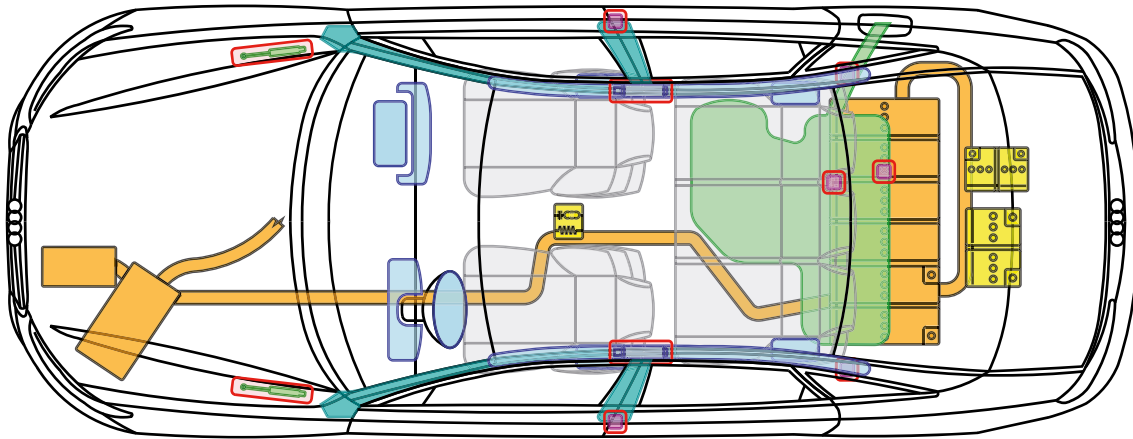


Fig. show left hand drive,  
Right hand drive right left reserved

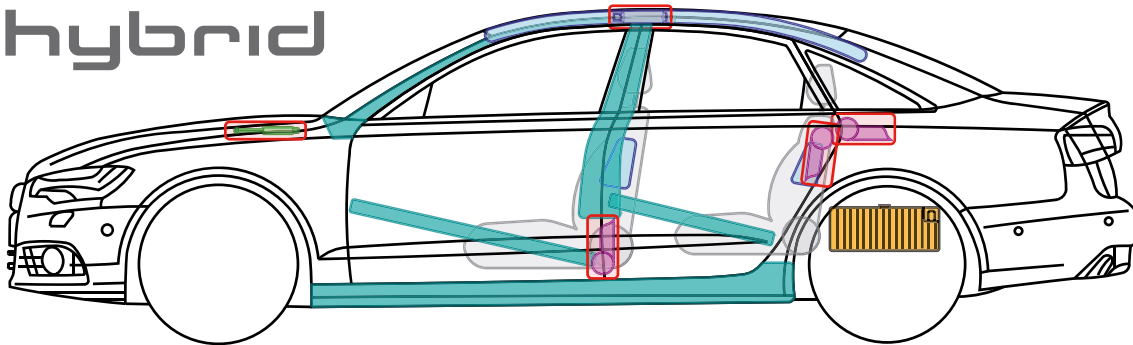


▶ Audi A6 hybrid

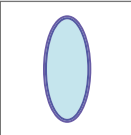
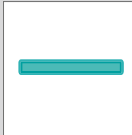
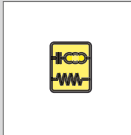
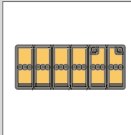


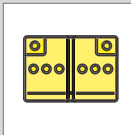

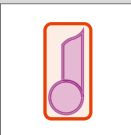


from 2012



hybrid



Legend

	Airbag		Reinforcement		Control module		High-voltage battery
	Gas generator		Rollover protection		12 V battery		High-voltage leads/components
	Pretensioner		Gas-pressure damper		Fuel tank		

A6 hybrid



## ▶ Audi A6 hybrid

from 2012

### Identifying feature

The Audi A6 hybrid can be identified by means of the „hybrid“ logo and the orange cables in the engine compartment.



Engine compartment



Wing



Instrument cluster



Door sill trim strip

### Hints

**⚠ In the case of accidents in which the airbags are deployed, the high-voltage system is deactivated.**

In the case of accidents with deployed/undeployed airbags

- ▶ Place Vehicle in Park and set parking brake
- ▶ Switch off the ignition
- ▶ Disconnect the negative terminals of the 12V battery

**⚠ The electric motor is silent!**



It may not be possible to detect that the car is ready to go by the noises it makes when in operation, as the electric motor is silent. If the large needle in the dial on the left of the instrument cluster (power metre) is not on „OFF“ (for example on the „READY position), you have to expect that the electric motor may run or the internal combustion engine may start automatically.

### Switch off the ignition



**With the ignition switched on:**

Press START ENGINE STOP button without depressing brake pedal.

**⚠ Risk of Injury: By pressing the START ENINGE STOP button with depressing brake pedal, the engine starts!**





## ▶ Audi A6 hybrid

from 2012

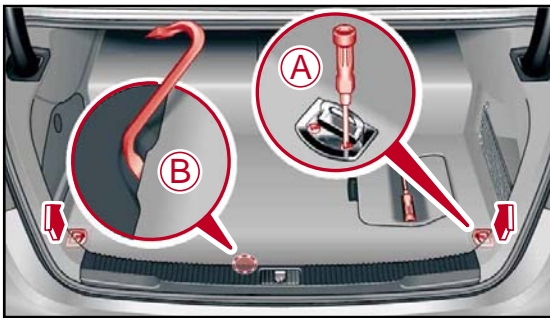
### Disconnect the negative terminals of the 12V batteries

#### Option A:

Release the luggage compartment floor by means of the screws indicated by the arrows (screwdriver in the car tool kit) Disconnect the ground cables from both 12V batteries (picture on right)

#### Option B:

Lever up the luggage compartment floor by inserting a crowbar at the point indicated. Lift up the luggage compartment floor. Disconnect the ground cables from both 12V batteries (picture on right)



### Identification of the high-voltage components

Identification of the high-voltage battery



Identification of the high-voltage battery is located under the luggage compartment floor. It is a Lithium-ion battery.

Identification of the remaining high-voltage components

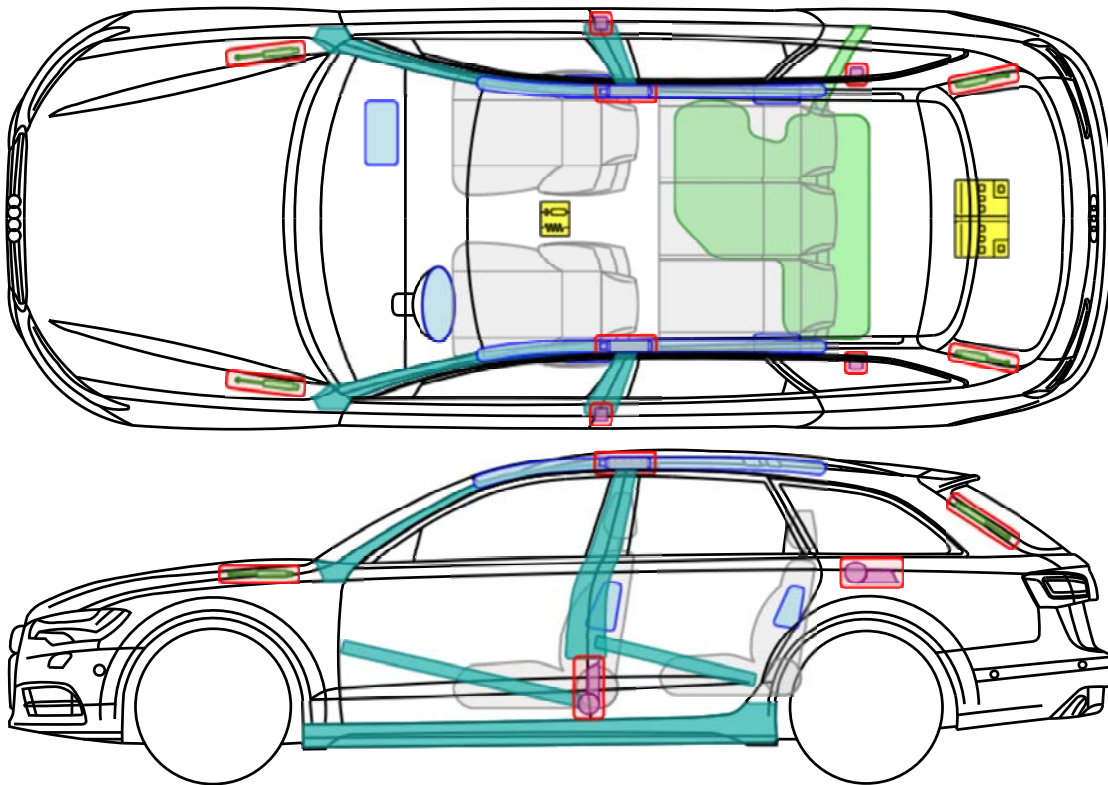


All the high-voltage leads and the high-voltage connections are provided with orange insulation. These items must not be disconnected or damaged.



▶ Audi A6 allroad

from 2012



Legend

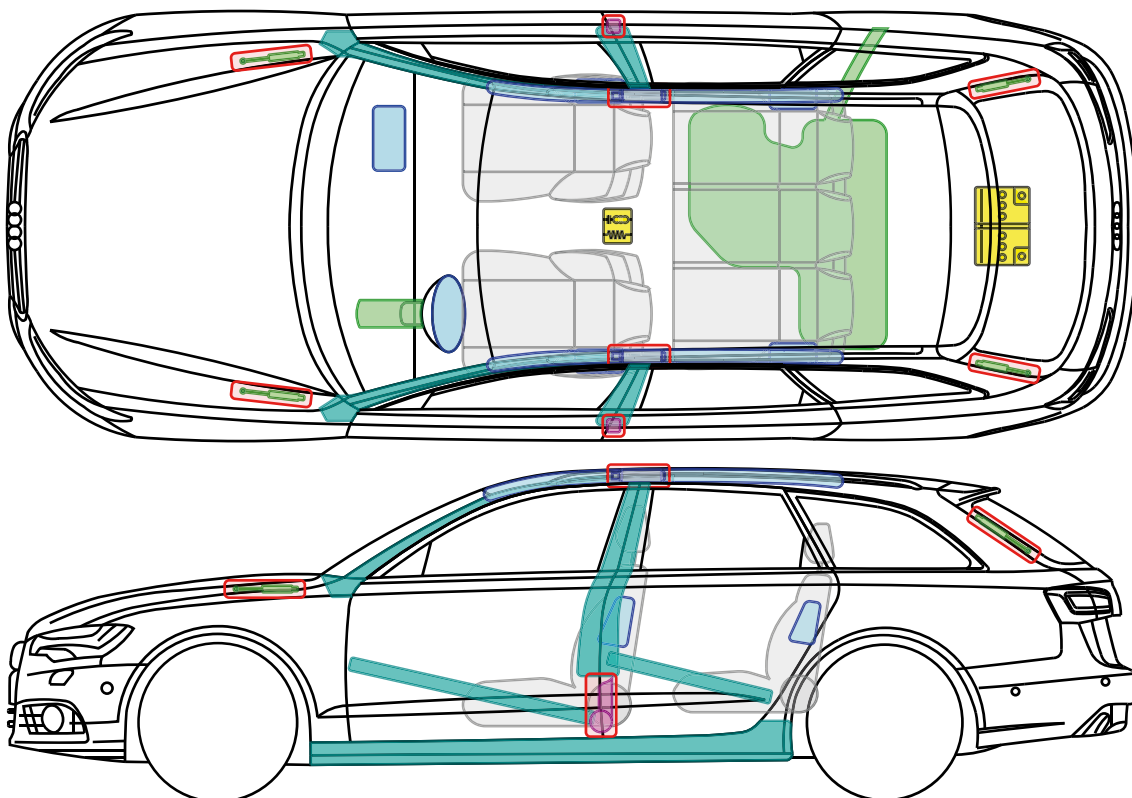
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 allroad



▶ Audi A6 / S6 / RS6 Avant

2011 – 2018



Legend

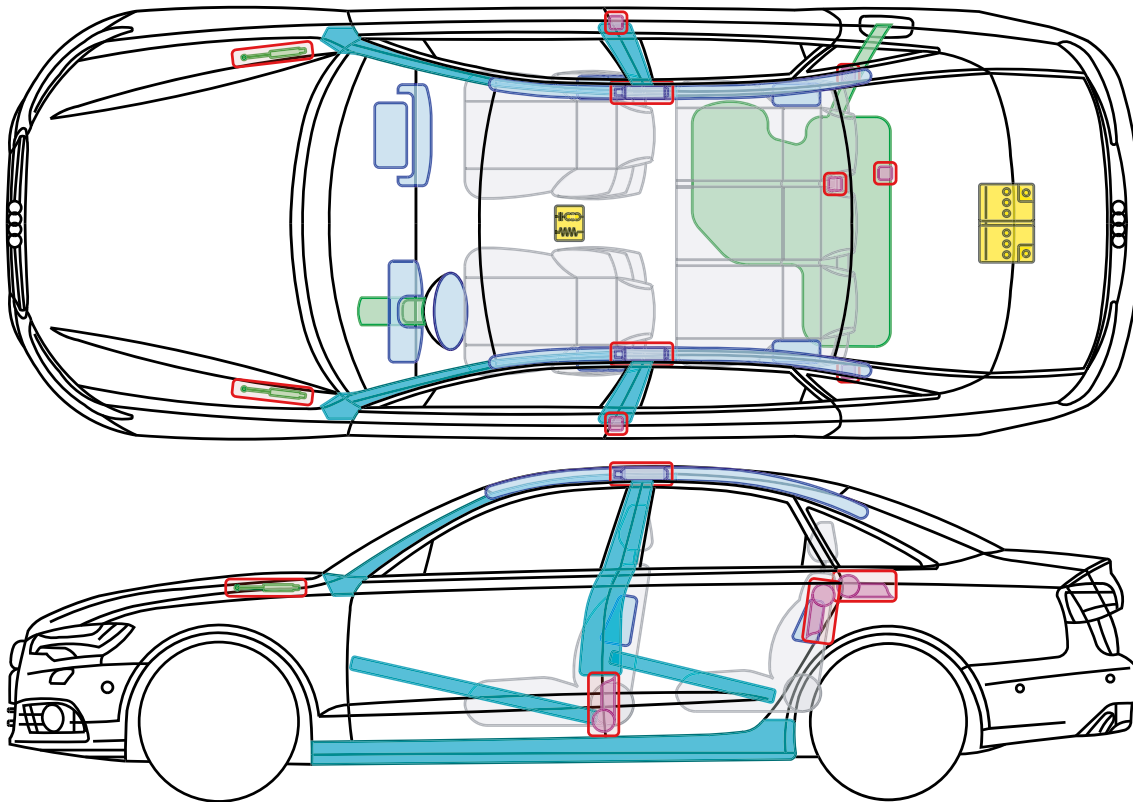
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 + S6/RS6 Avant



▶ Audi A6 / S6

2011 – 2018



Legend

	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

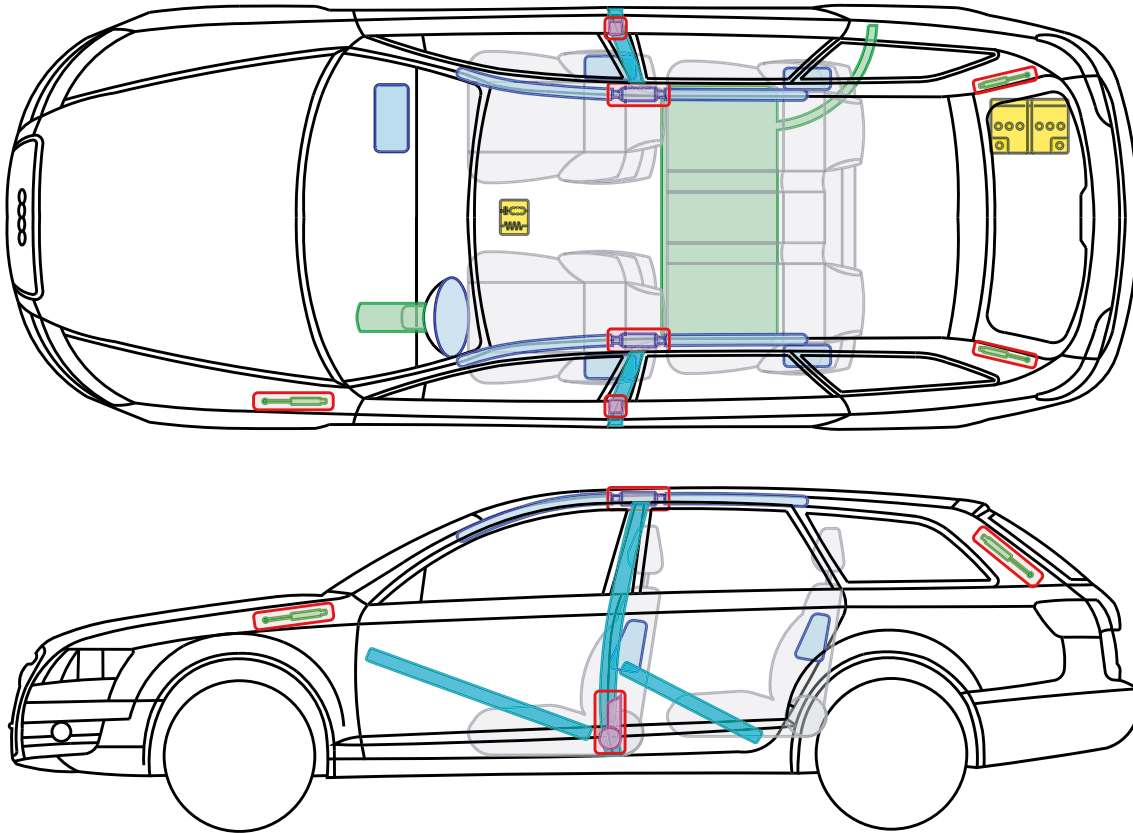
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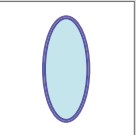
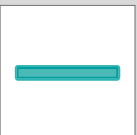
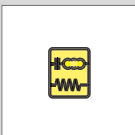


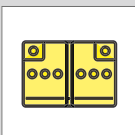
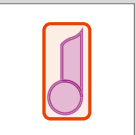




▶ Audi A6 allroad

2006 – 2012



Legend

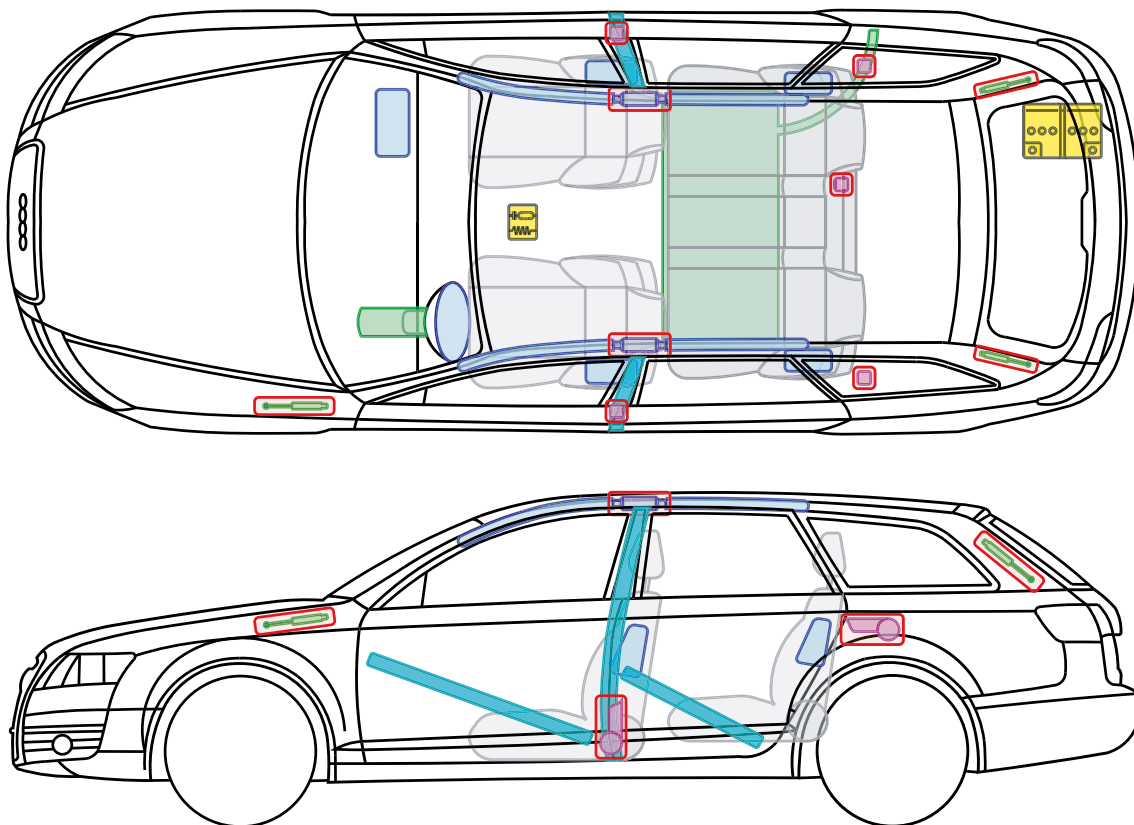
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 allroad

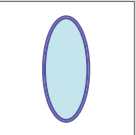
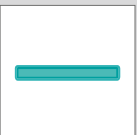
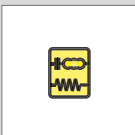


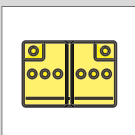
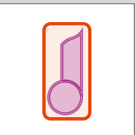




▶ Audi A6 / S6 / RS6 Avant

2004 – 2012



Legend

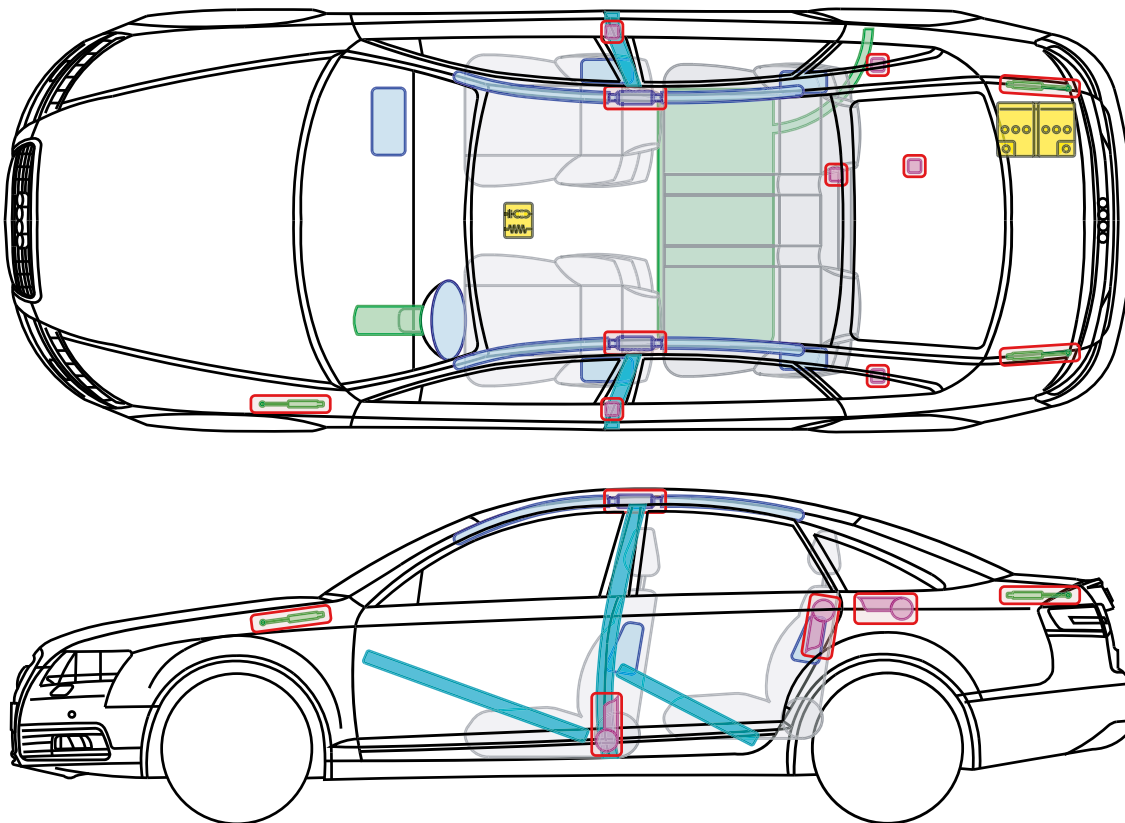
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 + S6/RS6 Avant



▶ Audi A6 / S6 / RS6

2008 – 2011



Legend

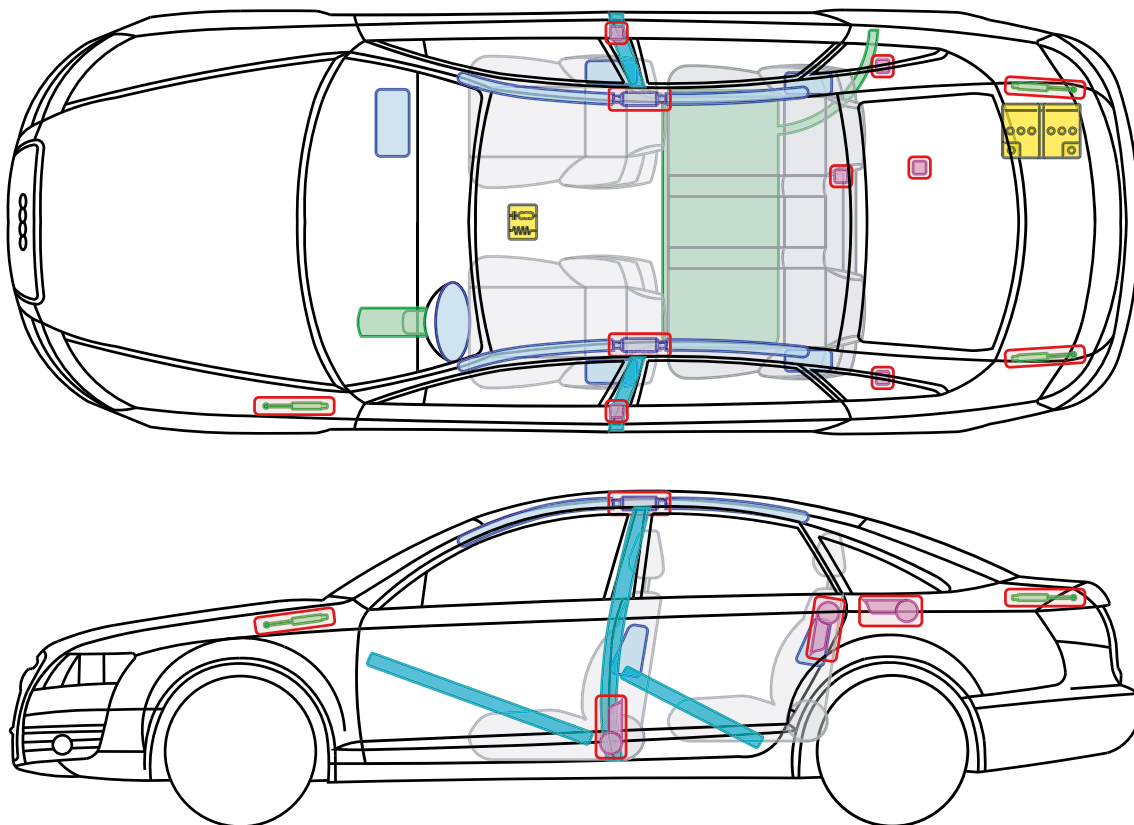
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 + S6/RS6 Limousine



▶ Audi A6 / S6 / RS6

2004 – 2008



Legend

	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

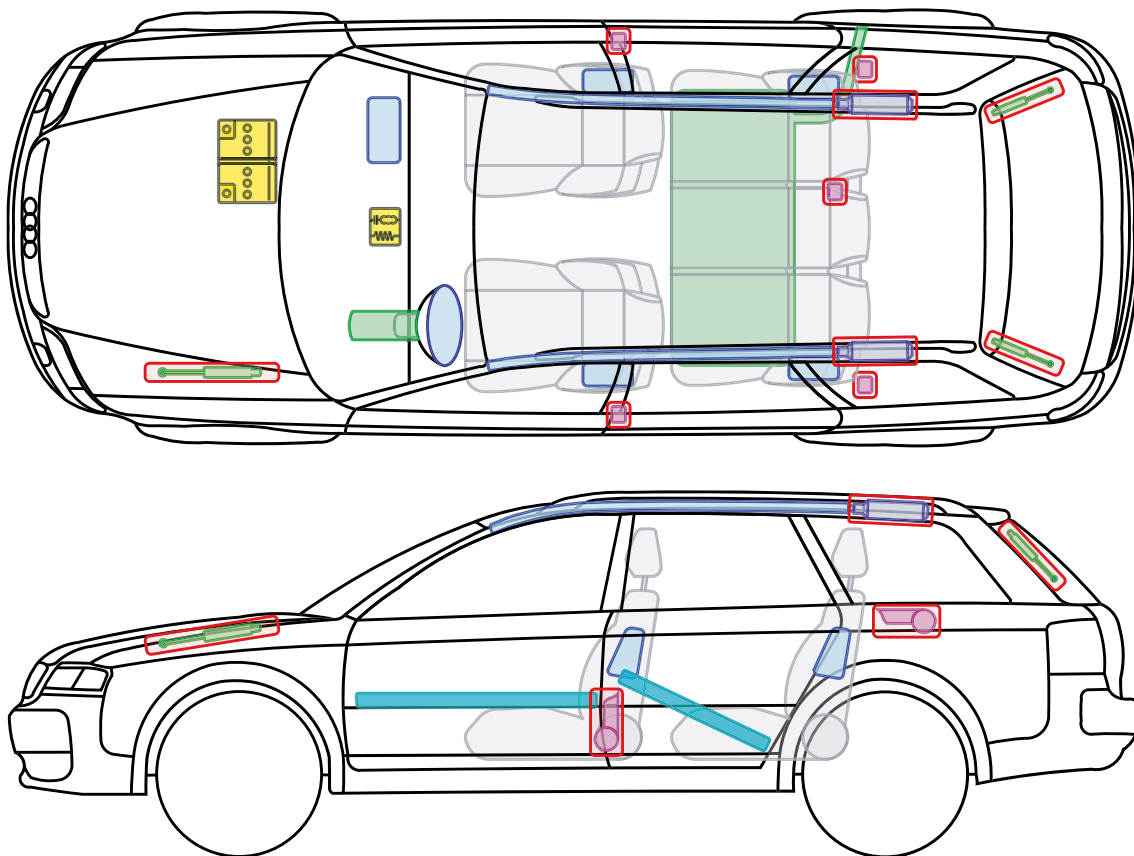
A6 + S6/RS6 Limousine





▶ Audi A6 allroad

2001 – 2006



Legend

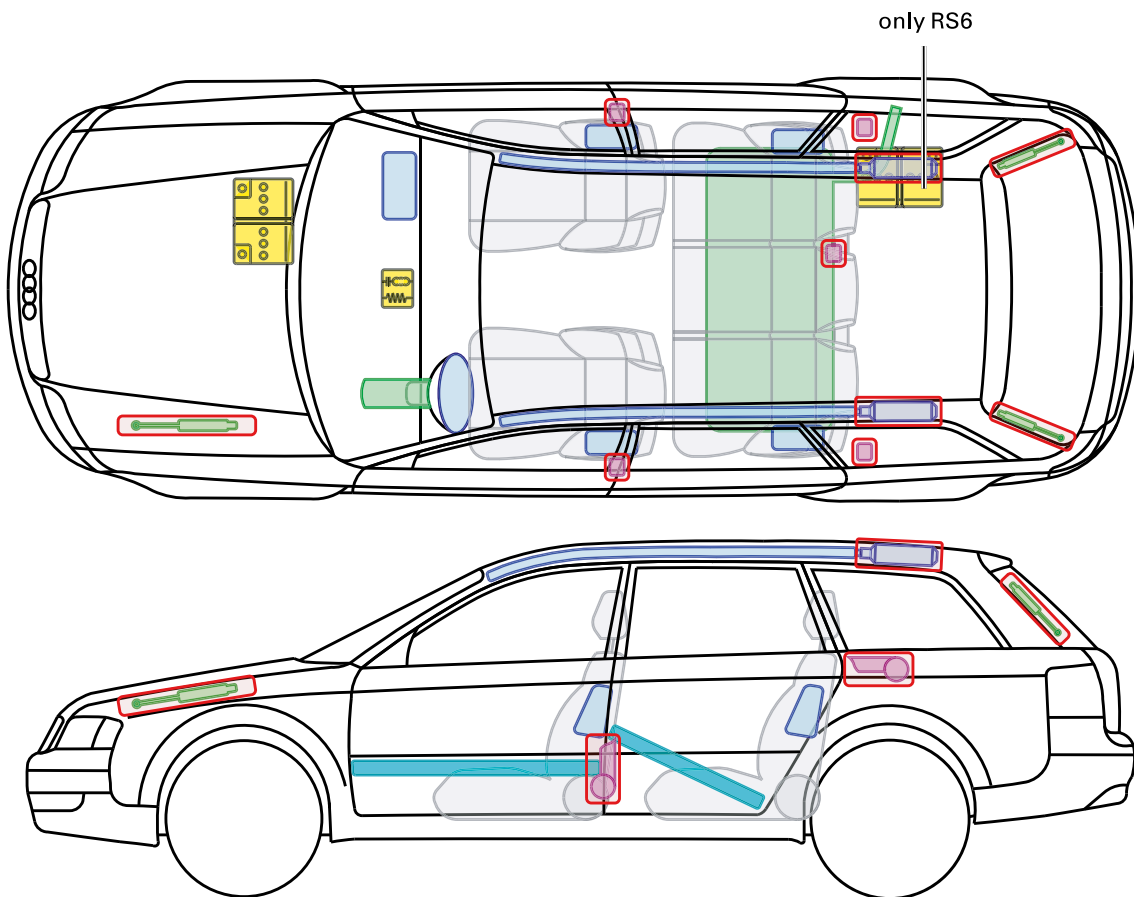
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 allroad



▶ Audi A6 / S6 / RS6 Avant

1998 – 2004



Legend

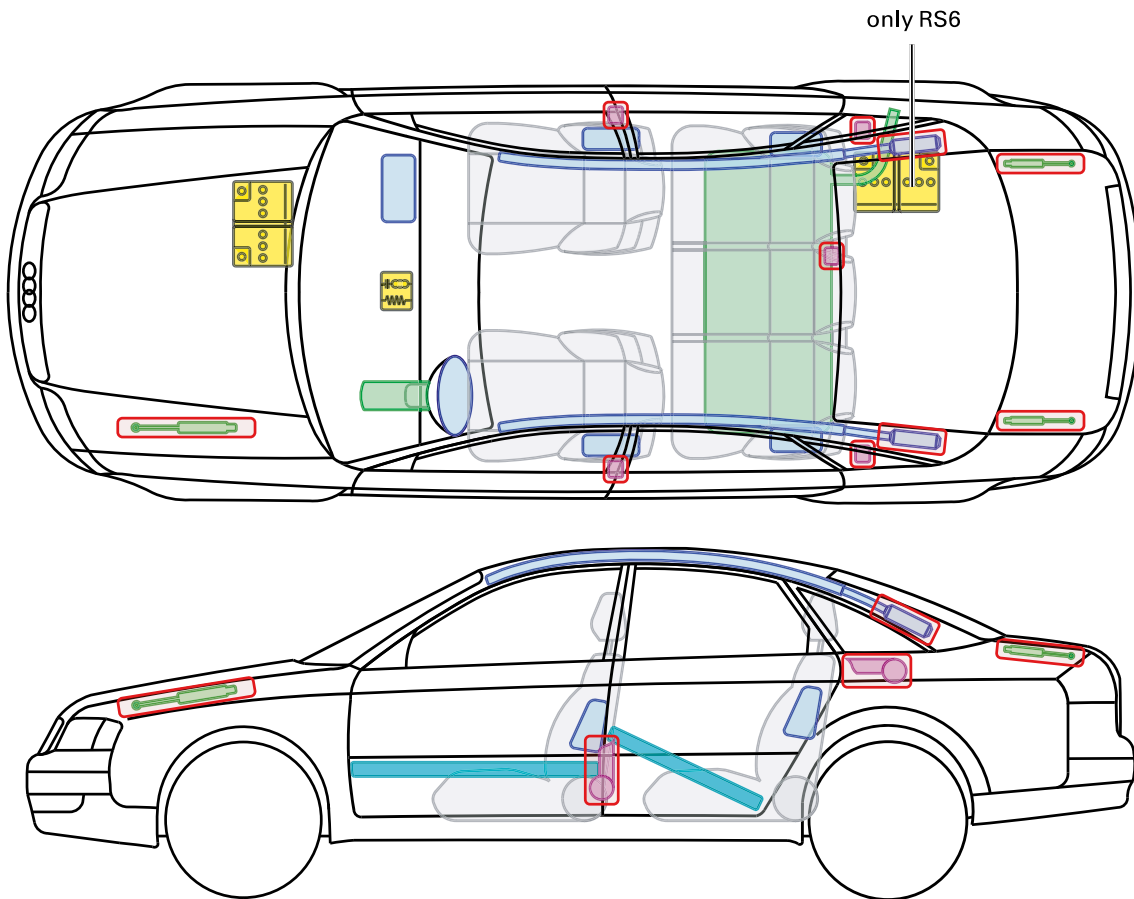
	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 + S6/RS6 Avant



▶ Audi A6 / S6 / RS6

1997 – 2004



Legend

	Airbag		Reinforcement		Control module
	Gas generator		Rollover protection		Battery
	Pretensioner		Gas-pressure damper		Fuel tank

A6 + S6/RS6 Limousine

**Legal Disclaimer:**

**This manual has been created exclusively for rescuers who have been specially trained in the area of providing emergency rescue after automobile accidents and who are therefore qualified to use the activities described in this manual. Furthermore, this manual shows the maximum possible equipment specification in the model overview.**

**Vehicle specifications and special options as well as Audi model availability are constantly subject to change. Therefore, Audi reserves the right to change the content of this manual at all times.**

**Please note: The information contained in this manual is not intended for customers or for repair shops and dealers. Customers may gather detailed information from their vehicle owner's manual regarding vehicle function as well as any occupant safety features and system descriptions.**

**Repair shops and dealers obtain repair information through their normal channels.**

**(Status: 12/2018)**



**Hint:**

**The maximum possible equipment specification is always shown in the model overview.**

You will find "Rescue and Recovery involving Audi Vehicles" in a separate part of the same title.

The creation of this Rescue Data sheets is supported by Moditech Rescue Solutions ([www.moditech.com](http://www.moditech.com)). The vehicle overviews in the attachment are also included in interactive form in the data base "Crash Recovery System".

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