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**An alphabetical index is at the back of the book.**

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In addition to describing the standard equipment this manual also covers optional and extra equipment. In addition there are also equipment alternatives, manual or automatic transmission for example. In certain countries statutory requirements affect the level of equipment. This means that it is occasionally necessary to page past sections of the book which describe equipment not installed on your car.

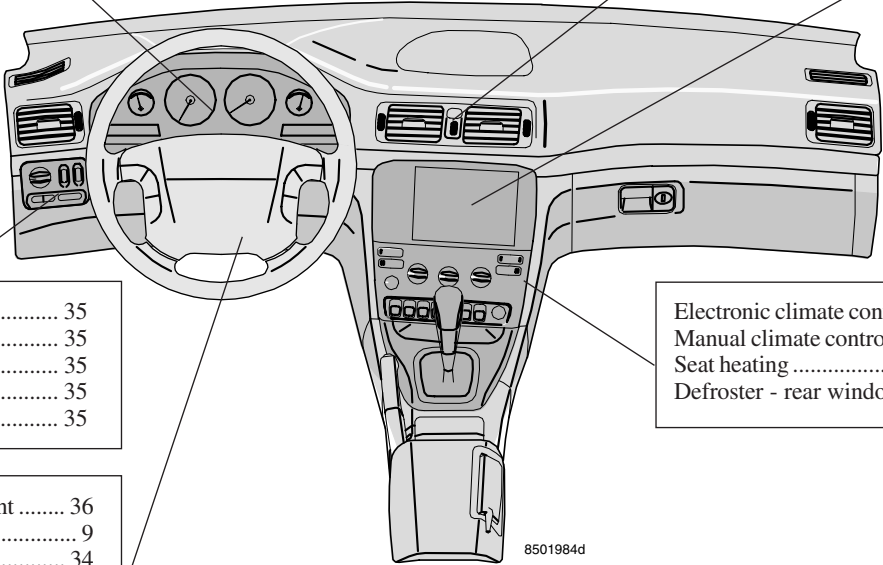
The specifications, design features and illustrations in this Owner's Manual are not binding. We reserve the right to make modifications without prior notice.

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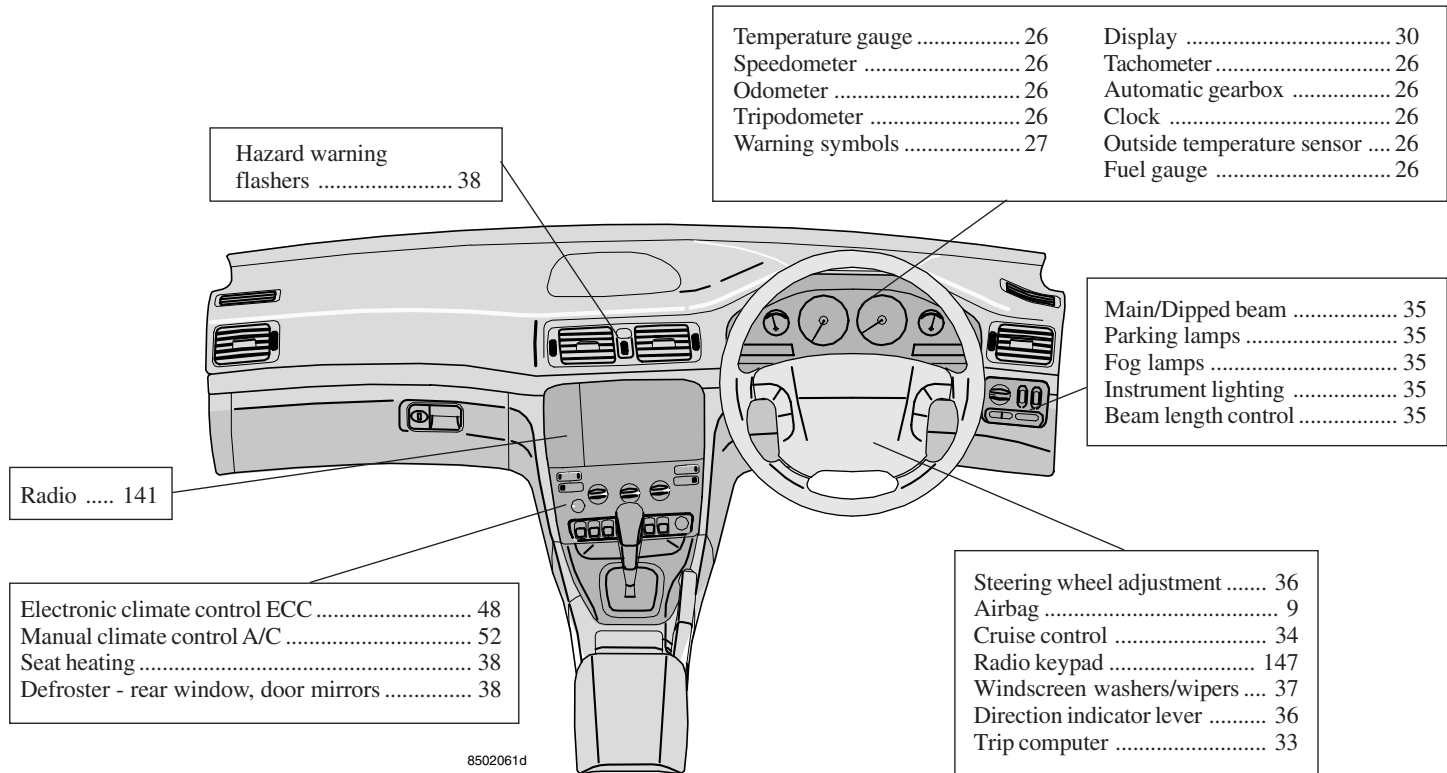
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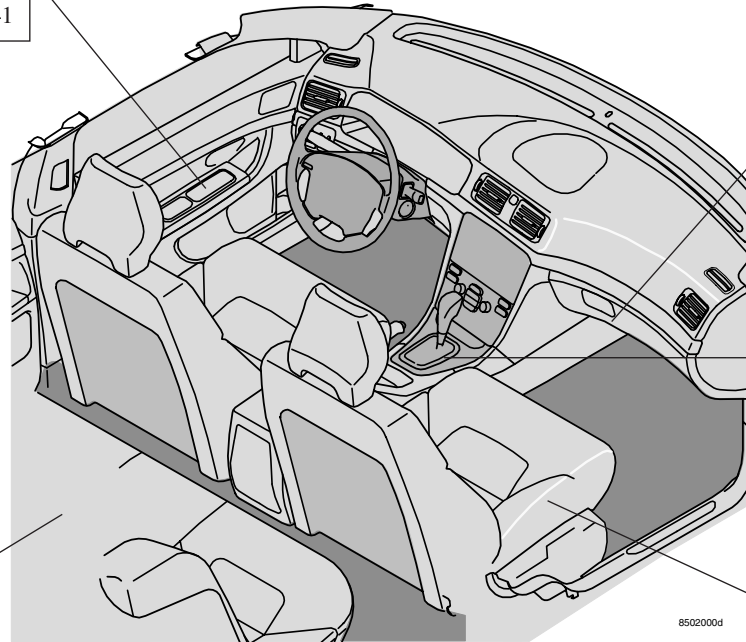
## Dashboard - right-hand drive



## Interior - left-hand drive

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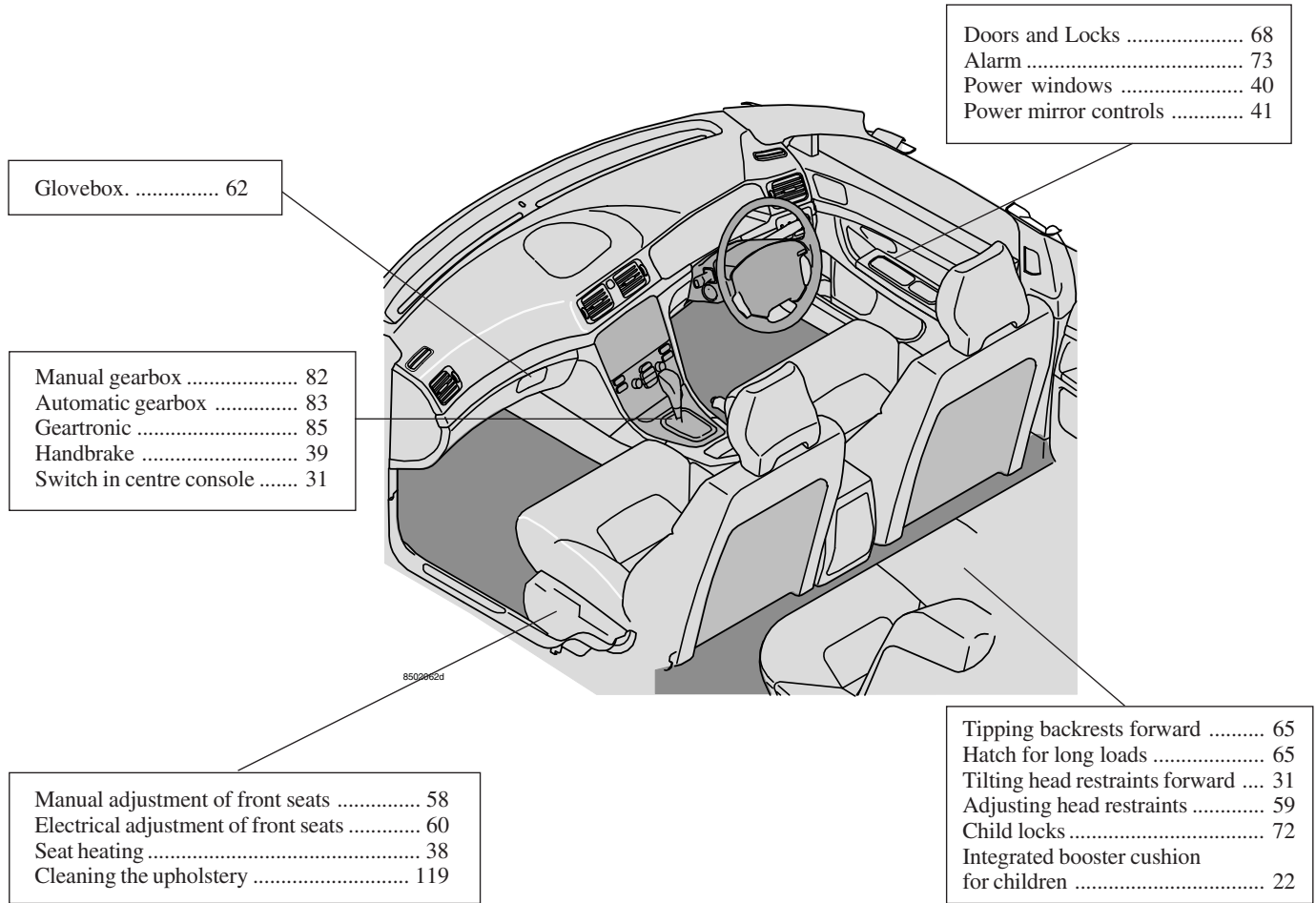
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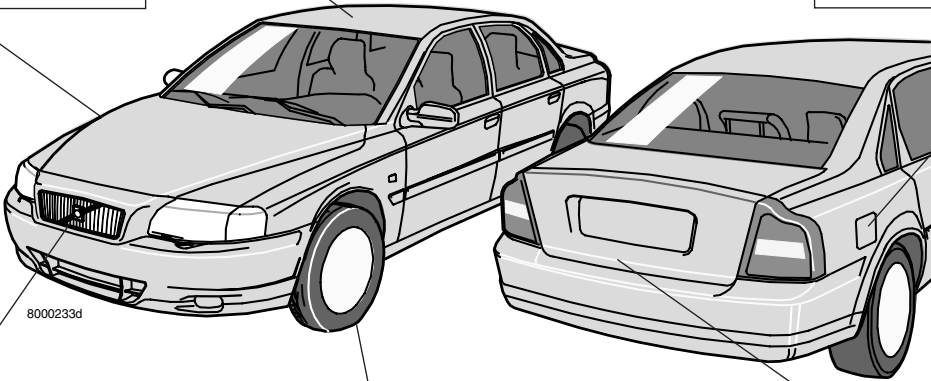
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## Interior - right hand drive



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## Seat belts

### Use the seat belt for all types of driving

Even hard braking can have dangerous consequences if you are not wearing a seat belt! Therefore, always ask your passengers to use seat belts! Otherwise rear seat passengers may be thrown into the front seat backrests in a collision, injuring everyone in the car. Use the seat belt as follows: pull the belt out slowly and secure it by inserting the locking tab into the lock. A loud "click" indicates that the belt is locked.

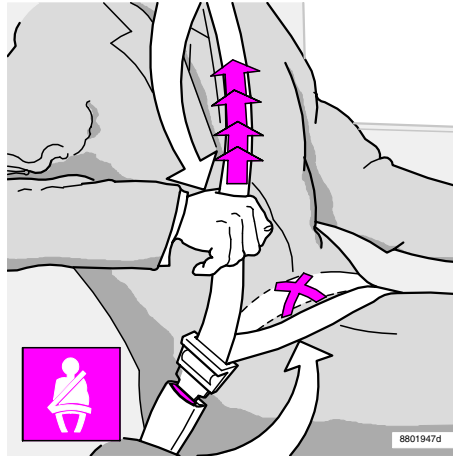
The belt is not normally restricted and you can move freely.

The belt is restricted and cannot be pulled out further:

- if it is pulled out too fast
- during braking and acceleration
- if the car leans excessively

It is important that the belt lies against the body so it can provide maximum protection. Do not lean the backrest too far back.

The seat belt is designed to protect in a normal seating position.



*Extending the lap belt  
The lap belt should be low*

### Keep in mind the following:

- do not use clips or anything else that prevents the belt from lying correctly.
- ensure the belt is not twisted or caught on anything.
- the lap belt should sit low - not over the abdomen.
- stretch the lap belt over the lap by pulling the diagonal shoulder belt as illustrated above.

Each seat belt is intended for **one** person only!

To release the seat belt: Press on the red button in the lock. Allow the reel to pull the belt in.

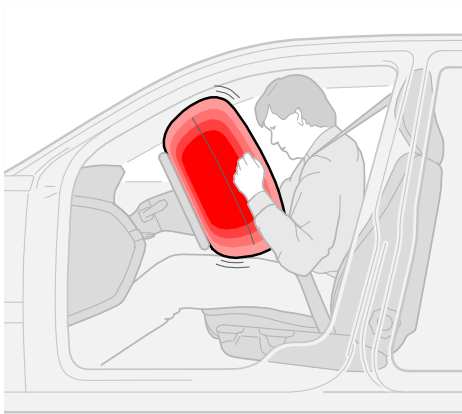
### WARNING!



If the seat belt has been exposed to large load strain, in a collision for example, the entire seat belt assembly including reel, mountings, screws, and lock must be replaced. Even if the belt appears undamaged some of the protective properties may have been lost. Replace the seat belt if it is worn or damaged. **Never** make any modifications or repairs to the seat belt yourself; always allow a Volvo workshop to carry out the work.

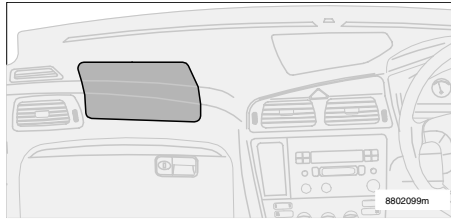


## SRS (airbag) and SIPS bag (side airbag)

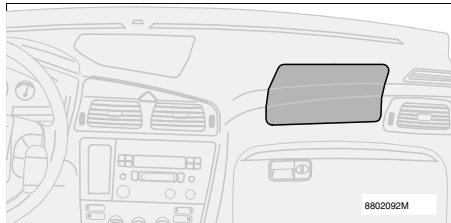


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*The airbag is located in the centre of the steering wheel, marked SRS*



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*The side airbag is above the glovebox, marked SRS*



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*The side impact airbags are installed in the front seat backrest frames*

### SRS (Airbag) and SIPS bag (side impact airbag)

To further increase interior safety, your car is equipped with airbags (SRS) to complement the standard three point seat belt. The car is marked SRS on the steering wheel and on the dashboard in front of the passenger, if the car has a passenger side airbag. The inflatable airbag is installed folded up in the centre of the steering wheel. On the passenger side it is folded up in a compartment above the glovebox.

SIPS (side impact airbags) further increase the interior safety of the car. The side impact airbags are installed in both front seat backrest frames.

#### **WARNING!**



Airbags (SRS) are installed as an addition to - not as a replacement for - the standard seat belts.  
The side impact airbags are supplied as an addition to the existing SIPS\* system. For maximum protection: **Always wear a seat belt.**

\*Side Impact Protection System

## SRS (airbag)

### SRS system (airbags in the steering wheel and dashboard)

The system consists of a gas generator (1) surrounded by the inflatable airbag (2). Upon a sufficiently violent collision, a sensor (3) reacts, activating the gas generator igniter, and the airbag inflates as it heats up. To cushion the impact, the airbag deflates when compressed.

When this occurs, smoke escapes into the car. This is completely normal. The entire process, including inflation and deflation of the airbag, occurs in tenths of a second.

**NOTE!** The sensor (3) reacts differently depending on whether the driver's seat belt or front passenger seat belt is used or not. Crash situations can therefore occur where only one airbag is deployed.

### Volvo Dual-Stage Airbag

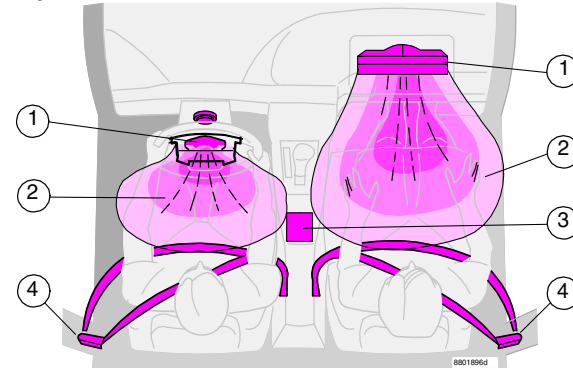
(Dual-stage airbags)

In the event of lesser collisions, substantial enough to cause injury, the airbags inflate to slightly more than half their full capacity. In the event of collisions of greater force, the airbags inflate to their full capacity.

### Seat belts and seat belt tensioners

All seat belts are equipped with a pyrotechnic seat belt tensioner (4). A small charge, integrated into the seat belt reel, ignites at the moment of impact and tensions the belt over the body so that any slack, caused by clothing etc., is minimized to restrain the occupant more rapidly. The front seat seat belt tensioners are only triggered if the seat belt is connected.

### SRS system left-hand drive



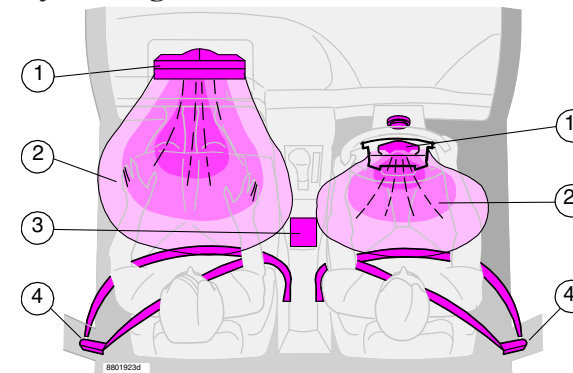
1. Gas generator

2. Airbag

3. Sensor

4. Seat belt tensioner

### SRS system right-hand drive



1. Gas generator

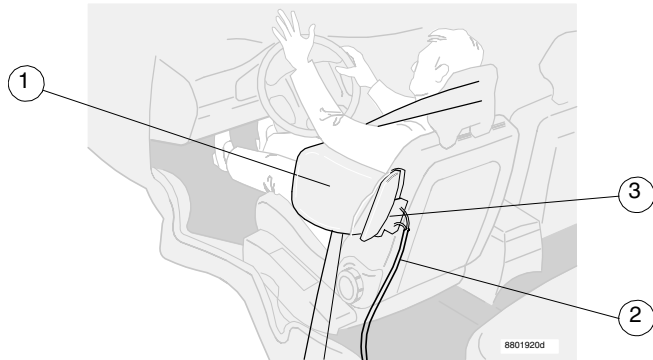
2. Airbag

3. Sensor

4. Seat belt tensioner

## SIPS bag (side airbag)

### SIPS bag system left-hand drive



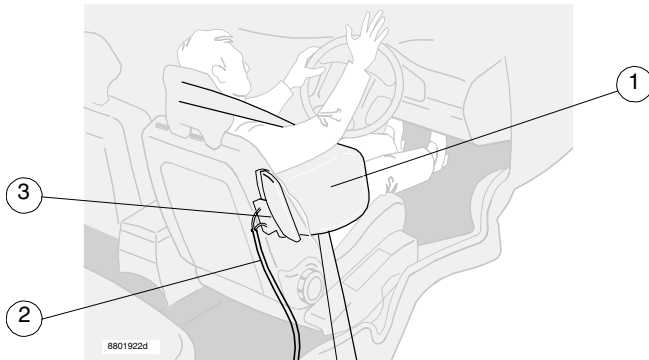
1. Airbag  
2. Cable

3. Gas generator

### SIPS bag system (side impact airbag)

This system consists of a gas generator (3), electric sensors, cables (2) and side impact airbags (1). In the event of a sufficiently violent collision the sensors react, activating the gas generator which inflates the side airbag. The airbag inflates between the occupant and the door panel, cushioning the impact at the moment of collision and then deflates. The side impact airbag only inflates on the side of the collision.

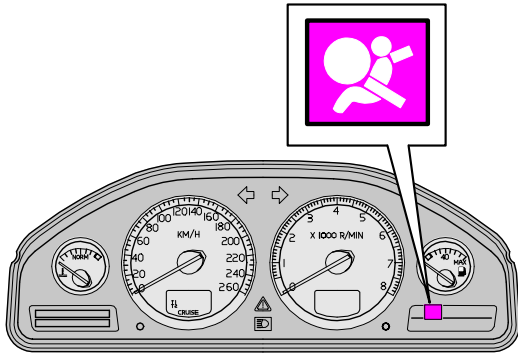
### SIPS bag system right-hand drive



1. Airbag  
2. Cable

3. Gas generator

## SRS (airbag) and SIPS bag (side airbag)



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Warning lamp in the combined instrument panel

The SRS system is continuously monitored by the sensor/control module and there is a warning lamp in the combined instrument panel. This lamp lights when the ignition key is turned to positions I, II or III. The lamp goes out when the sensor/control module has checked that the SRS system is fault-free. This normally takes approximately 7 seconds.

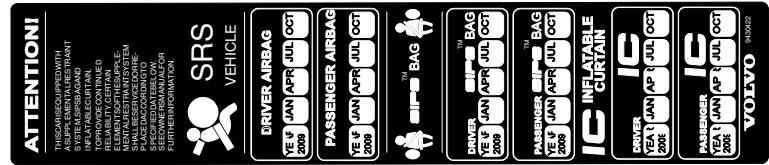
### WARNING!



If the warning symbol (SRS) remains lit while driving it means that the SRS system is not functioning fully. Contact an authorised Volvo workshop.



Marking on seat belts with seat belt tensioners



This decal is located in the rear left door opening

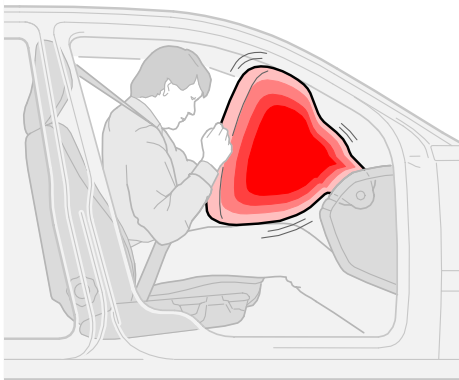
The year and the month given on the decal on the door pillar/s is the date when you should contact your Volvo workshop to inspect and if necessary replace the airbags and seat belt tensioners. If you have any question concerning either system, contact an authorised Volvo workshop.

### WARNING!



Never try to repair any part of the SRS or SIPS bag systems yourself. Any interference can cause malfunction and serious injury and any work should be carried out by an authorised Volvo workshop.

## SRS (airbag) and SIPS bag (side airbag)



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*Passenger side airbag deployment*

### Airbag - passenger side (option)

When the airbag is inflated the volume is approximately 150 litres on the passenger side, while the driver's side airbag, because of the location of the steering wheel, is approximately 65 litres. The crash protection is the same in both locations.

### WARNING!



#### Airbag - passenger side

- The passenger in the front seat should never sit bent over the dashboard, at the front of the seat, or in another abnormal seating position. The passenger should sit as upright as is possible and comfortable, back against the backrest. The seat belt should be under some tension.
- Ensure that the passengers keep their feet on the floor (not on the dashboard, on the seat, in the map and newspaper compartment, or on the side window).
- Never allow children to sit or stand in front of the passenger seat.
- **Never** put a child seat or booster cushion on the front passenger seat if the car is equipped with SRS (Airbag) on the passenger side.
- **No one** shorter than 140 cm should sit in the front seat.
- No objects or accessories may be positioned or stuck on or near the SRS panel (above the glovebox) or in the area affected by the airbag.
- Do not place loose objects on the floor, seat, or on the dashboard.
- Never interfere with the SRS components in the steering wheel hub or in the panel above the glovebox.

### WARNING!



Do not stick or mount your own emblems or decals on the steering wheel or dashboard!

### WARNING!



#### SIPS airbag

- Extra seat covers must not be used on the front seats if they are not Volvo Genuine covers or Volvo approved seat covers for SIPS airbags.
- No objects or accessories may be placed between the outer side of the seat and the door panel because this area may be affected by the SIPS airbag.
- Never interfere with the SIPS airbag system.