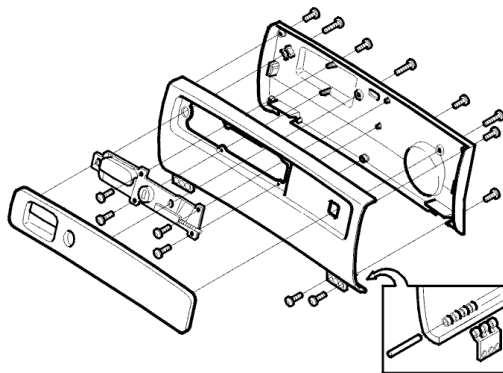


Glove compartment lid

Disassembling and assembling

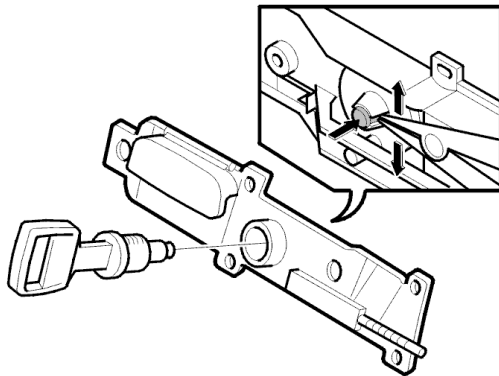
Back, 8 Torx 20
Lock unit, 4 Torx 10
2 hinge pins



Replacing lock cylinder

Open the lock lug using circlip ring pliers.
Press out lock cylinder.

Note! The key must be in the lock.



Steering wheel with switches

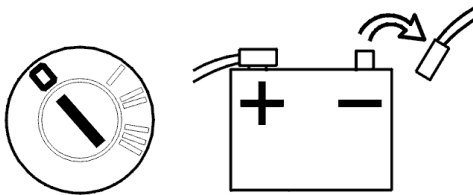
Disassembling

Special tools: [998 8695](#)

Ignition off. Disconnect battery negative lead

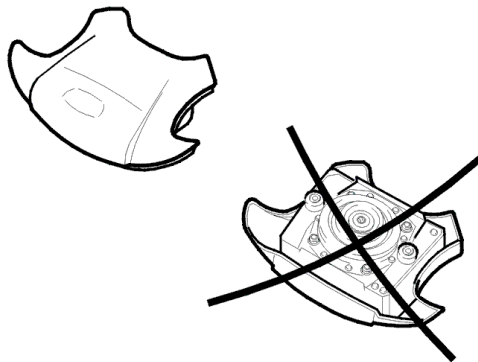
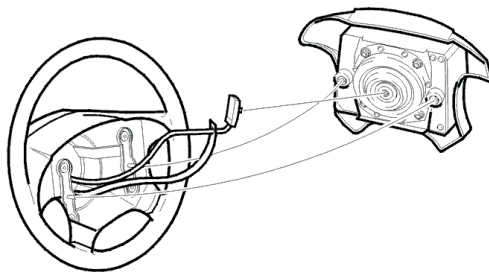
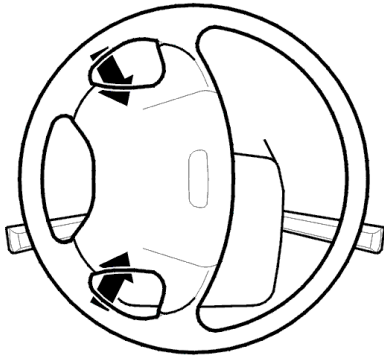
Check that the customer has left the radio code.

Warning! Before assembling the steering wheel the ignition should be in position II. Then the battery negative should be reconnected. See [Conclusion](#) . Ensure that nobody is in the car when the battery is being connected.



Removing steering wheel screws

Leave the screws on the reverse of the steering wheel in their countersunk holes.
2 Torx 30 screws.



Removing steering wheel module

Warning! The battery must not be connected when the SRS ignition cable connector is removed or installed.

Warning! Under no circumstances use an ohmmeter or other live measuring instrument to take readings on a disconnected, non-deployed airbag module. This could deploy the airbag.

Warning! The steering wheel module must never be taken apart, repaired or moved to another vehicle. For handling replaced module, see [Handling replaced SRS airbags/seat belt tensioners](#).

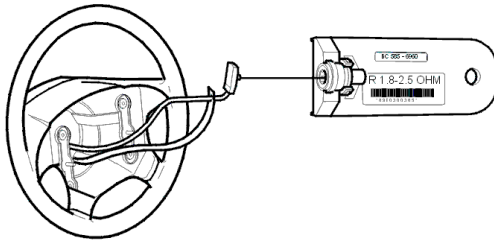
Placing the steering wheel module

Caution! If a non-deployed steering wheel module is removed temporarily, it should be placed with the metal side (rear) downwards in a protected place.

Connecting special tool

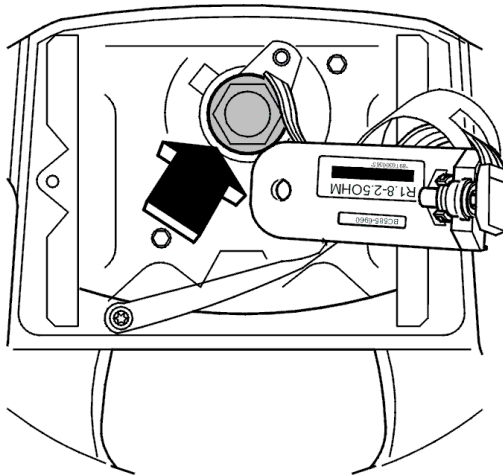
Connect special tool [998 8695](#)

If the ignition is switched on when neither the steering wheel module nor special tool are connected, a diagnostic trouble code (DTC) will be stored indicating an open-circuit. Any diagnostic trouble code (DTC) must be erased.

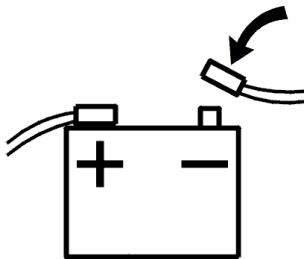


Slacken off center screw

Slacken off the screw but leave it in place. The screw should be loose enough to unscrew by hand.



Reconnect the battery negative lead



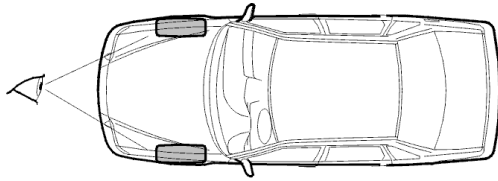
Align front wheels

- Drive the car straight forwards or backwards on a level surface so that the wheels point straight ahead.

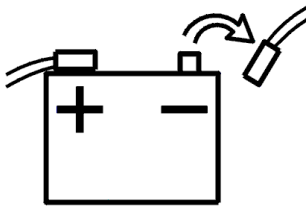
Caution! It is always important to point the wheels straight ahead when carrying out work that requires the removal of the steering wheel and/or contact reel.

Warning! Do not drive the car further than

necessary to align the front wheels. The steering wheel is not properly tightened and the steering wheel module has been removed.



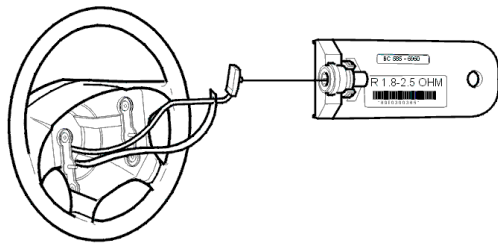
Disconnect the battery negative lead



Remove special tool

Remove special tool [998 8695](#)

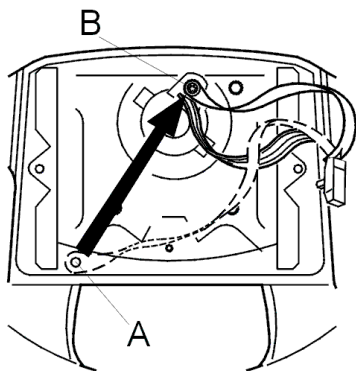
Hint: If the ignition is switched on when neither the steering wheel module nor special tool are connected, a diagnostic trouble code (DTC) will be stored indicating an open-circuit. Any diagnostic trouble code (DTC) must be erased.



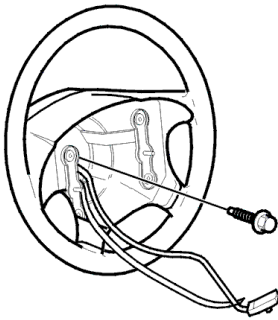
Secure the contact reel

Remove screw from parking position (A) and secure the contact reel in lock position (B). Do not detach the screw from the plastic strip.

Caution! The steering wheel must never be turned while the contact reel is locked. The contact reel pin will shear off.



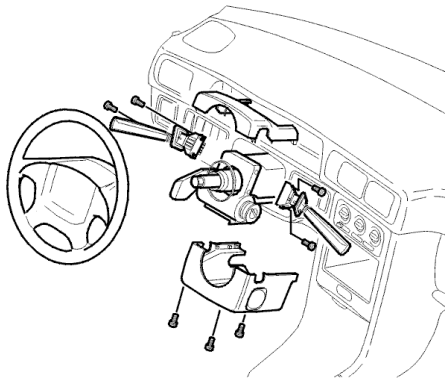
Remove the steering wheel center screw



Remove steering wheel, steering wheel covers and switches

Caution! The steering wheel must never be turned while the contact reel is locked. The contact reel pin will shear off.

3 Torx 20 screws in the steering wheel cover.
2 Torx 20 screws in the switches.
To remove and install contact reel, see [Replacing SRS contact reel](#) Section 3(35-38), Lighting, instrumentation and other electrical equipment, S70/V70.

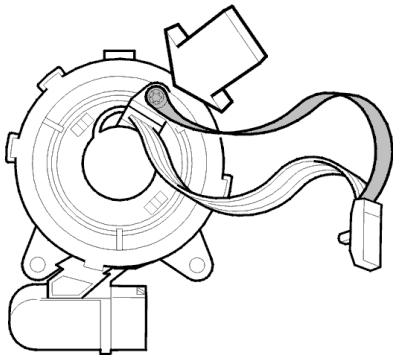


Assembling

Zeroing contact reel

If the locking screw is not in the lock position as illustrated, the contact reel must be zeroed. For zeroing see [Resetting SRS contact reel](#).

Note! A new contact reel is zeroed at the factory and supplied with the locking screw installed. Zeroed means that the steering wheel can be turned to full lock in either direction without damaging the contact reel.

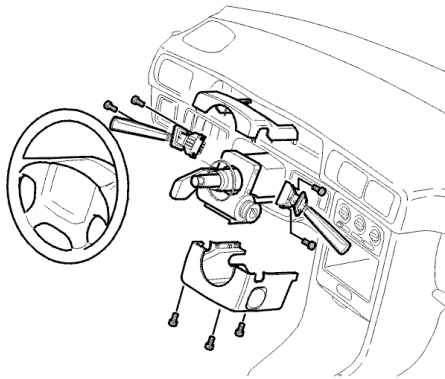


Install switches, steering wheel covers and steering wheel

2 Torx 20 screws in the switches.
3 Torx 20 screws in the steering wheel covers.

Caution! Do not turn the steering wheel when the contact reel is locked as the contact reel pin will break off.

Caution! The steering wheel must be installed in the correct position in relation to front wheel

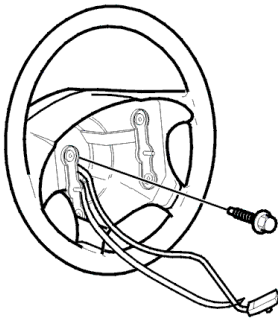


alignment.

If the steering wheel was not installed straight, it must not be turned on the steering column. Carefully remove the steering wheel and try again.

Install center screw

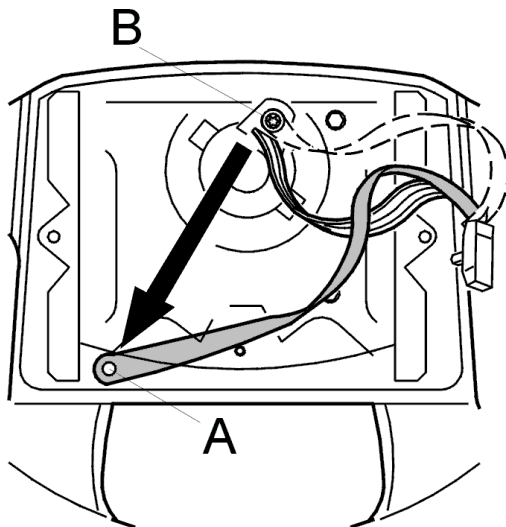
Caution! Finger tighten the screw. Do not use a tool.



Unlocking the contact reel

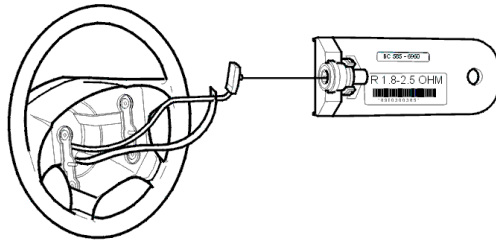
Remove screw from lock position (B) and install it in the parking position (A). Do not detach the screw from the plastic strip.

The contact reel is now unlocked (unsecured) and the steering wheel can be turned.

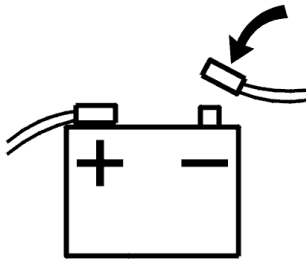


Connect special tool

Connect special tool [998 8695](#).



Reconnect the battery negative lead



Align front wheels

Drive the car straight forwards or backwards on a level surface so that the wheels point straight ahead.

Carefully turn the steering wheel and check that it can be turned to full lock in each direction.

Warning! Do not drive the car further than necessary to align the front wheels. The steering wheel is not properly tightened and the steering wheel module has been removed.

If the steering wheel is not straight:

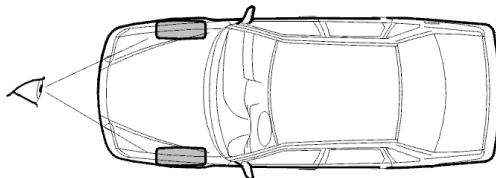
Start again from removing the steering wheel and aligning the wheels.

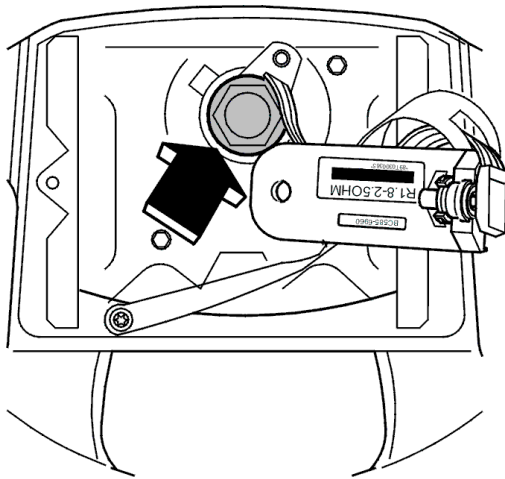
If the steering wheel will not turn to full lock:

Start again from removing the steering wheel. (The contact reel probably needs to be zeroed.)

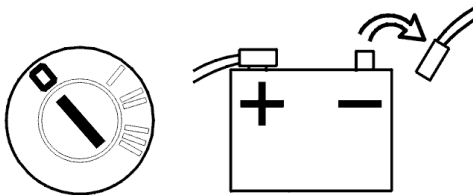
Tightening center screw

Tighten the center screw. Tighten to **40 Nm**.



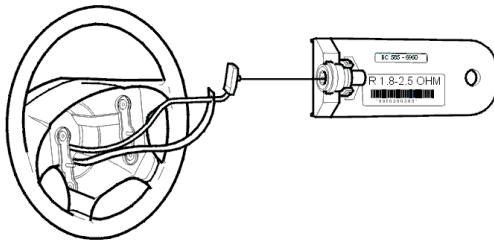


Ignition off. Disconnect battery negative lead



Remove special tool

Remove special tool [998 8695](#).



Ignition in position I



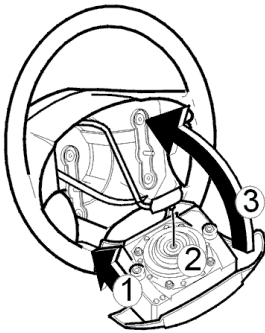
Install steering wheel module

Rest lower part of steering wheel module on steering wheel (1).

Connect SRS ignition cable to the module (2).

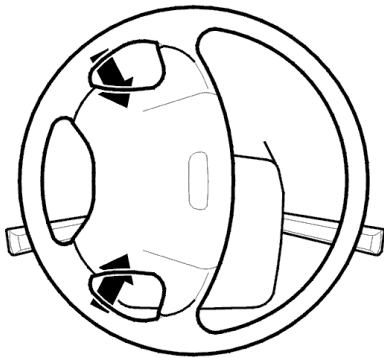
Fold module up into the steering wheel (3).

Check that the SRS ignition cable is not trapped.



Tighten steering wheel screws

2 Torx 30 screws. Tighten to **10 Nm**.

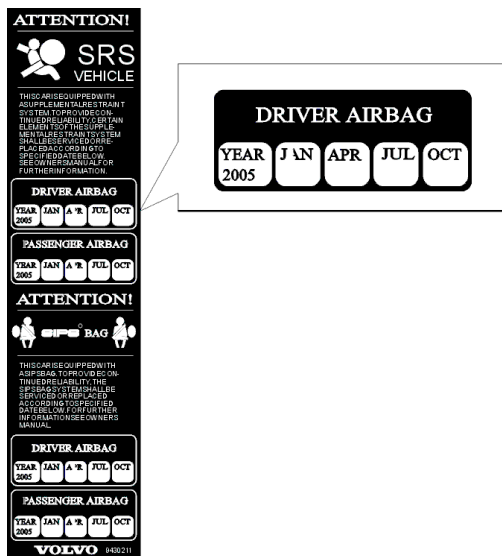


Conclusion

SRS Airbag date decal

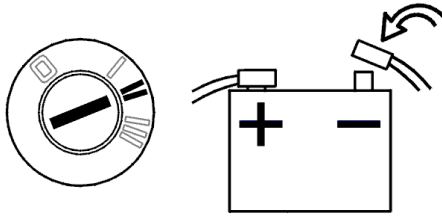
Note! Do not forget to replace the steering wheel module decal on the driver's side B-post with a new decal.

The date decal is supplied with the new passenger airbag module.



Ignition in position II. Reconnect battery negative lead

Warning! Ensure that nobody is in the car when the battery is being connected.



Check:

Check that:

- the steering wheel can be turned easily.
- the horn is working by pressing the four corners of the steering wheel module.
- the SRS indicator lamp in the combined instrument panel is not lit all the time.

If the lamp is lit see Service Manual Section 8 (88) SRS (Airbag) 850.

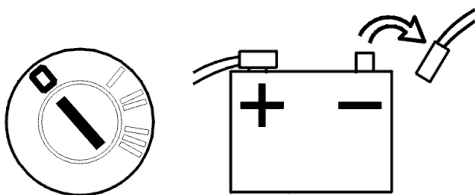
Note! Check that the SRS indicator lamp is intact by turning the key to position II. The SRS indicator lamp should light and go out after approximately 15 seconds.

Center console

Preparations

Ignition off. Disconnect battery negative lead

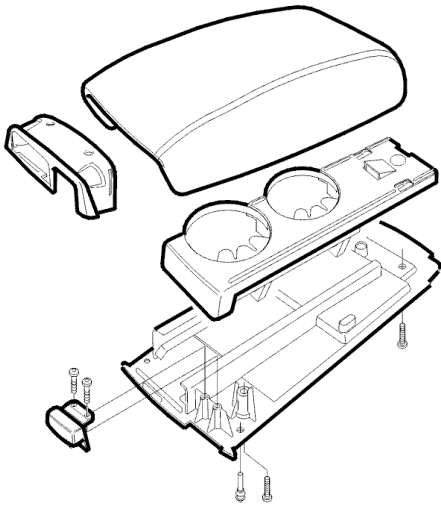
Check that the customer has left the radio code.



Disassembling

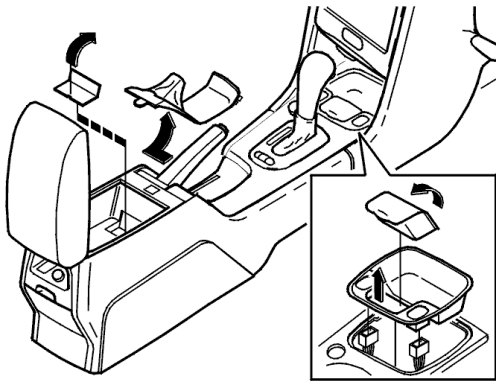
Center console armrest

- 4 Torx 20 screws for the lower section.
- 2 Torx 20 screws for the lock.



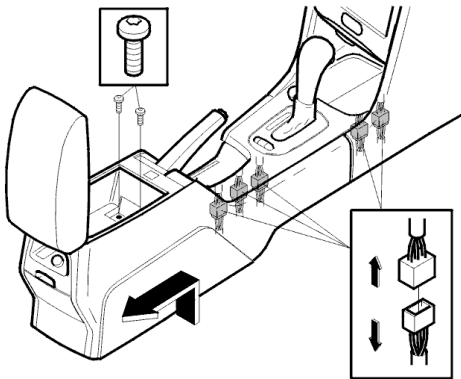
Entire center console

Panels and cover



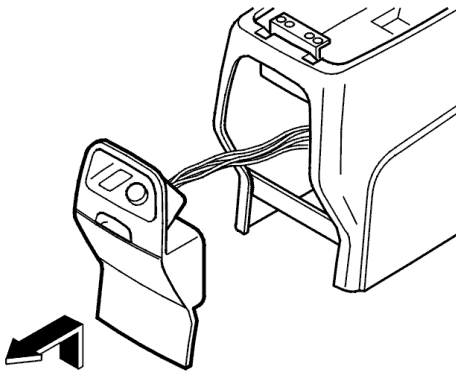
Screws and switches

2 Torx 20 screws.
5 connectors.



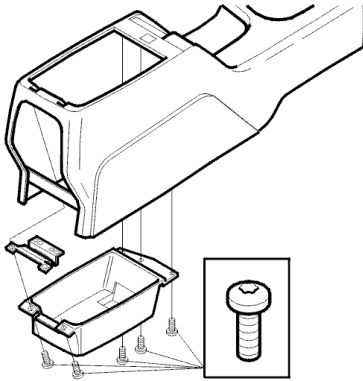
Rear panel

2 connectors.



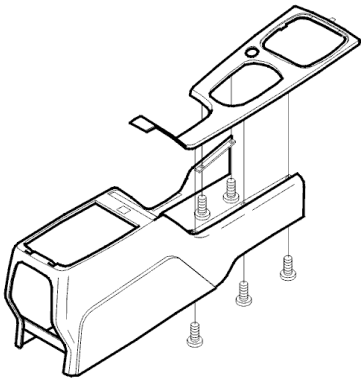
Center console locker

5 Torx 20 screws.



Center console panel

5 Torx 20 screws.

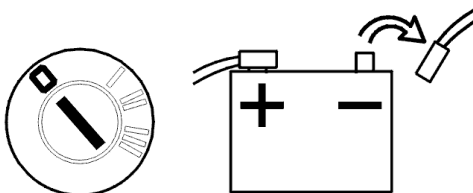


Panel and SRS passenger airbag module

Preparations

Ignition off and disconnect the battery negative lead

Check that the customer has provided the radio code.



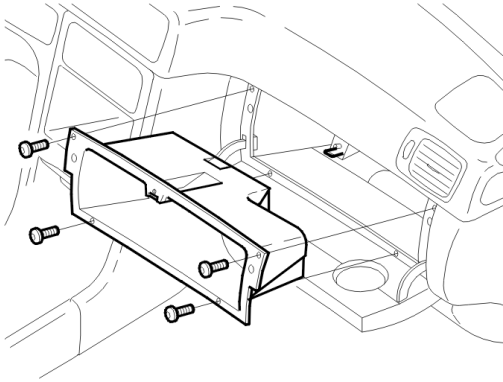
Warning! Before assembly, the ignition must be in position II. Then reconnect the battery negative lead. Ensure that nobody is in the car when the battery is being connected.

Disassembly

Disassembly

Glove compartment

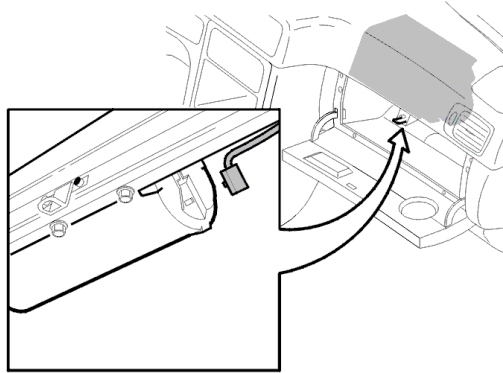
4 Torx 20 screws.



SRS ignition cable

Warning! The battery must not be connected when the SRS ignition cable connector is being removed or installed.

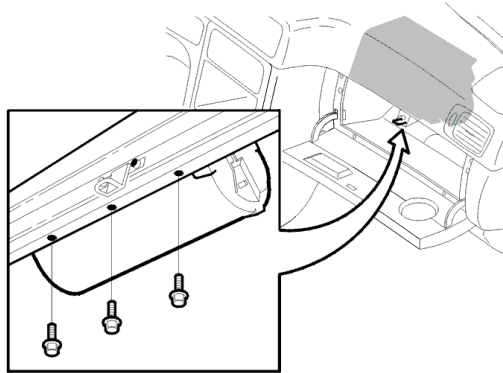
Warning! Under no circumstances use an ohmmeter or other live measuring instrument to take readings on a disconnected, non-deployed airbag module. This could deploy the airbag.



SRS-airbag screws

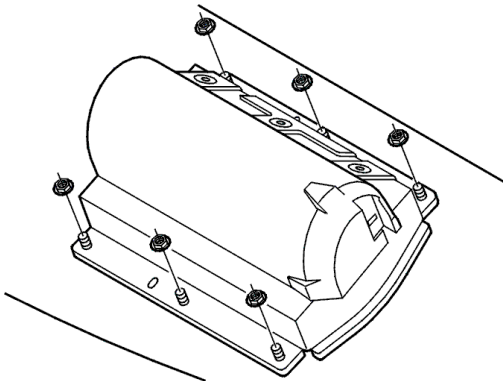
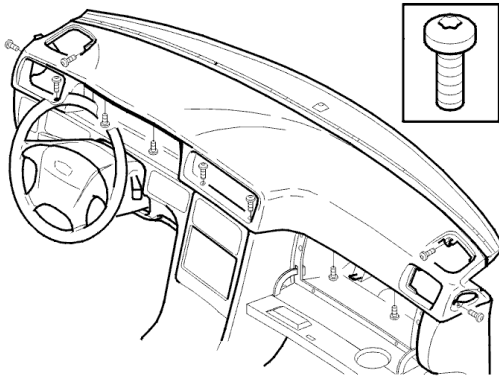
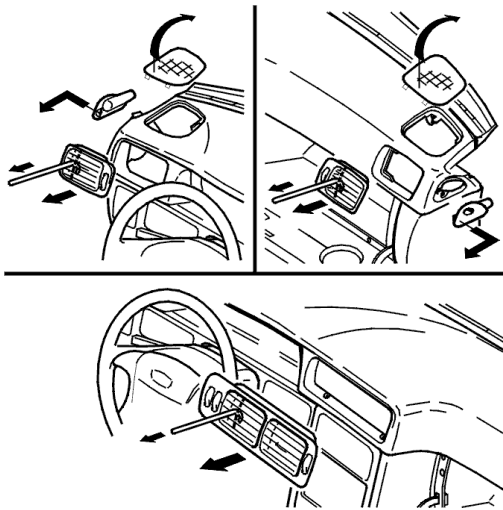
3 M6, 10 mm screws.

When installing, tighten to **10 Nm**.



Ventilation and loudspeaker grilles

Remove the ventilation grilles: Pull the mounting bracket behind the grille with a hook.



Panel screws

11 Torx 20 screws.

Caution! If the panel with a non-deployed passenger airbag module is removed temporarily, it should be placed with the top facing upwards in a protected place.

Remove the climate control system: First remove the stereo. Then press out the climate control system from the inside.

SRS airbag

Warning! Under no circumstances use an ohmmeter or other live measuring instrument to take readings on a disconnected, non-deployed airbag module. This could deploy the airbag.

Caution! Remove only the screws and nuts illustrated.

Warning! The passenger airbag module must never be taken apart, repaired or moved to another vehicle. For information about handling replaced modules, see [Handling replaced SRS airbags/seat belt tensioners](#).

6 M6, 10 mm nuts.

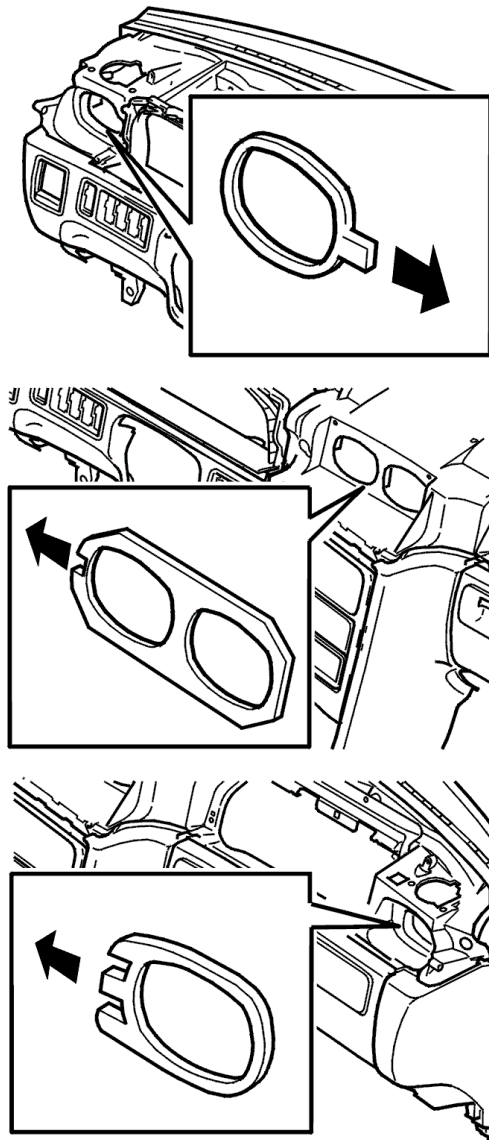
When installing, tighten to 10 Nm.

Replacing seals

Installing seals on dashboard frame

Remove backing.

Press the seal into place with the lug towards



the combined instrument panel.

Removing the old seals from the panel

Remove the old seals from the dashboard panel.

Installation

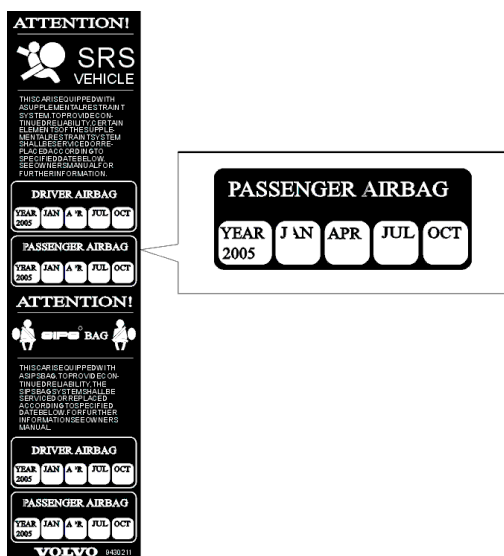
Assemble in reverse order

Then continue with finishing.

Warning! The ignition must be in position II during installation. Then reconnect the battery negative lead. Ensure that nobody is in the car when the battery is being connected.

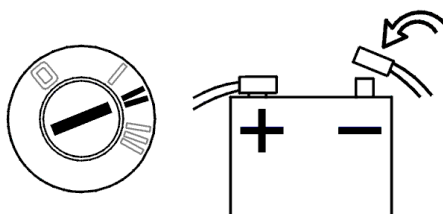
Completion

SRS Airbag date decal



Note! Do not forget to replace the steering wheel module decal on the driver's side B-post with a new decal.

The date decal is supplied with the new passenger airbag module.



Ignition in position II. Reconnect the battery negative lead

Warning! Before assembly, the ignition must be in position II. Then reconnect the battery negative lead. Ensure that nobody is in the car when the battery is being connected.

Check

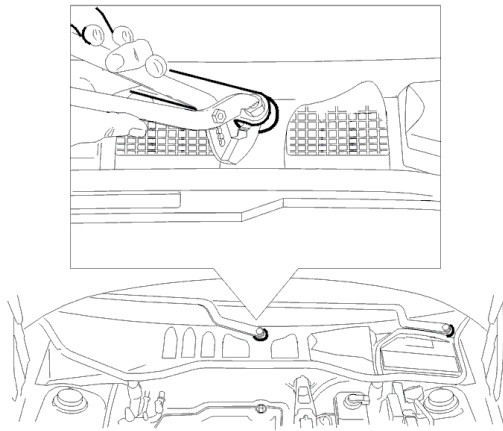
Check that the SRS indicator lamp in the combined instrument panel is not constantly lit. If the lamp is lit see Service Manual Section 8 (88) SRS Airbag 850.

Note! Check that the SRS indicator lamp is not defective: Turn the key to position II. The SRS indicator lamp must light and go out after approximately 15 seconds.

Dashboard

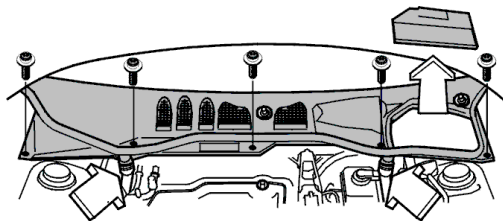
Windscreen wipers

Nut M8, 13 mm.



Gutter

5 Torx 20 screws with washers.

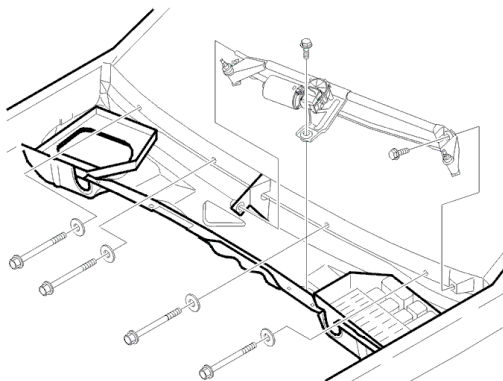


The wiper motor mounting and the dashboard screws

2 10 mm nuts for the wiper motor mounting.

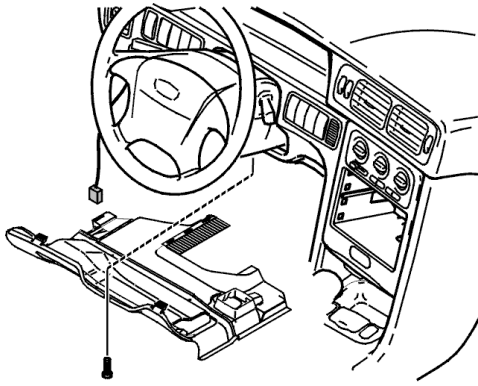
Connector

4 10 mm M6 screws for the dashboard.



The left-hand side soundproofing panel

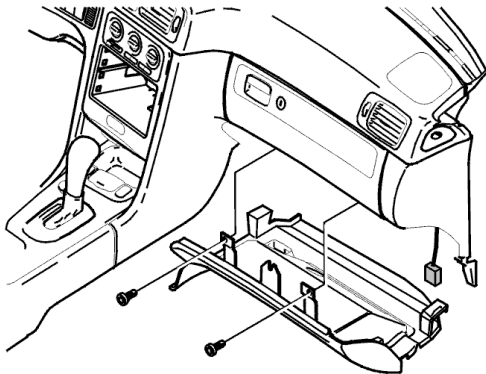
1 Torx 20 screw.



The right-hand side soundproofing panel

The glove compartment must be removed to access the screws, see [Panel and SRS passenger airbag module](#) .

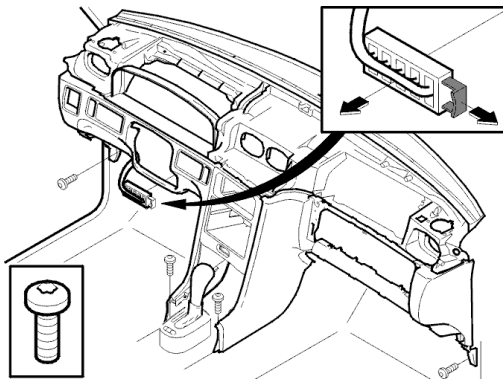
2 Torx 20 screws behind the edge of the glove compartment.



The dashboard screws in the passenger compartment

4 Torx 20 screws.

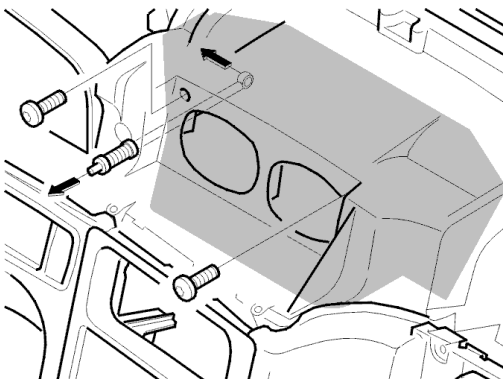
Lift the dashboard out of the car.

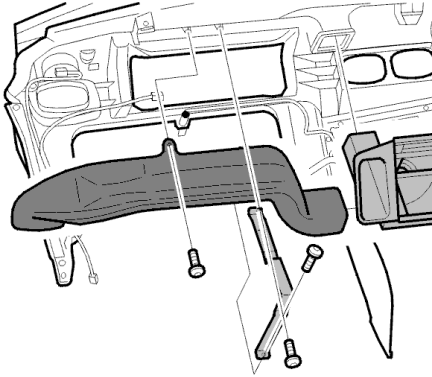


Air vent housing

2 Torx 20 screws for the air vent housing. The air vent housing is located on the reverse of the dashboard.

Remove the damper control from the air vent housing and pull it out.

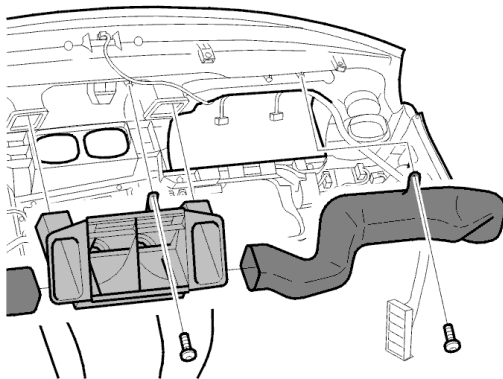




Air vent housing and air ducts

(The illustration shows the reverse of the dashboard.)

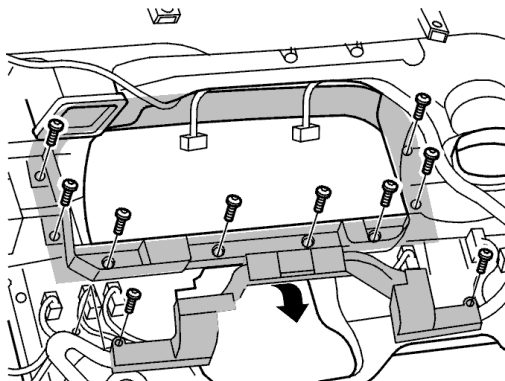
3 Torx 20 screws.



Air vent housing and air ducts

(The illustration shows the reverse of the dashboard.)

2 Torx 20 screws.

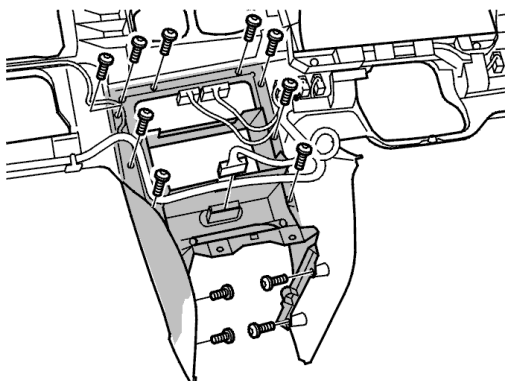


Combined instrument panel trim

(The illustration shows the reverse of the dashboard.)

Cable duct: 2 Torx 20 screws.

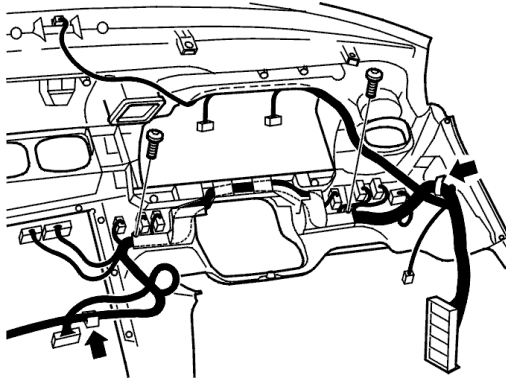
Combined instrument panel frame: 8 Torx 20 screws.



Frame centre

(The illustration shows the reverse of the dashboard.)

13 Torx 20 screws.

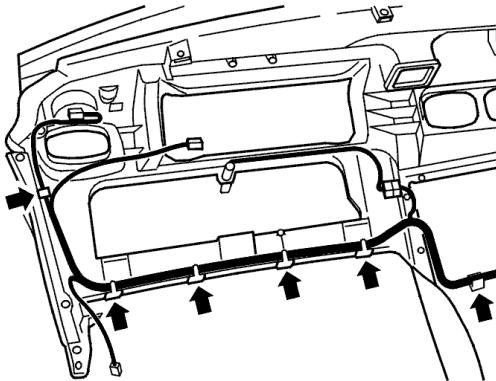


Cable harness routing

(The illustration shows the reverse of the dashboard.)

2 Torx 20 screws holding the cable duct.

The cable harness is secured with clips. The securing points are marked with arrows.



Cable harness routing

(The illustration shows the reverse of the dashboard.)

The cable harness is secured with clips. The securing points are marked with arrows.

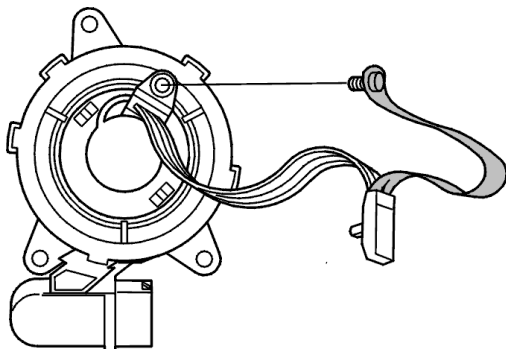
Installation

Note! The screws for the dashboard from the engine compartment must be tightened. Tighten to 8 Nm.

Resetting SRS contact reel

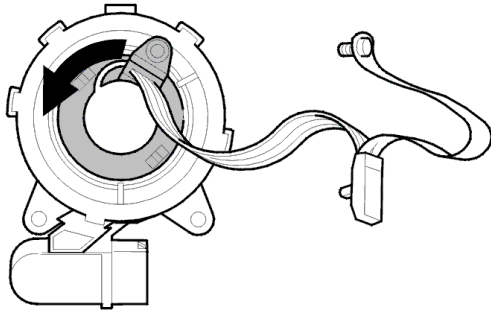
Remove screw

1 Torx 20 screw.



Turn to the left

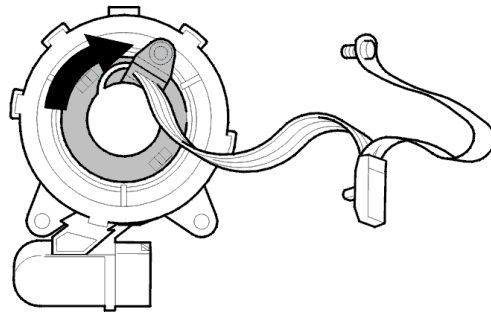
- Turn the contact reel as far as possible to the left.



Turn to the right

- Turn contact reel to the right approximately 2 + $\frac{3}{4}$ turns to the screw hole.

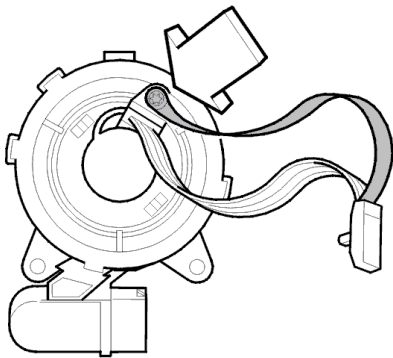
The screw hole should be over the lock position
- "1 o'clock" as illustrated.



Install screw

- Install screw in contact reel lock position.

The contact reel is now reset and locked (secured).



Handling replaced SRS airbags/seat belt tensioners

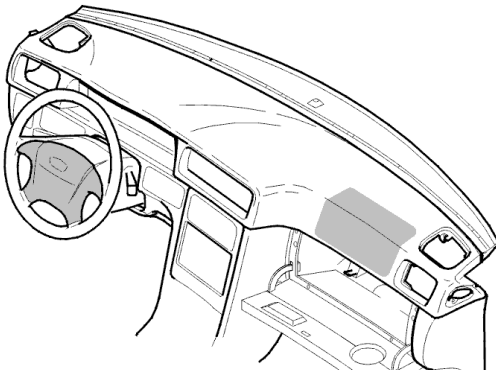
Handling

Non-deployed airbag modules/pyrotechnical seat belt tensioners must not be deployed either in the car or when removed.

Remove them according to instructions.

- Steering wheel with switches
- Panel and SRS passenger airbag module
- Section 8(88) SRS (Airbag)

Replaced airbag modules/pyrotechnical seat belt tensioners should be returned to Volvo



according to standard procedures.

Warning! Airbag modules/pyrotechnical seat belt tensioners must never be taken apart, repaired or transferred to another vehicle.

Warning! Under no circumstances use an ohmmeter or other live measuring instrument to take readings on a disconnected non-deployed airbag/pyrotechnical seat belt tensioner. This could deploy the airbag/pyrotechnical seat belt tensioner!

Storage and transport

When storing or transporting airbag modules/pyrotechnical seat belt tensioners, they should be handled according to statutory requirements.

