

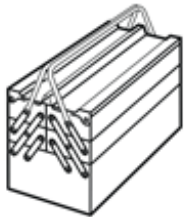
Installation instructions, accessories

Volvo Car Corporation Gothenburg, Sweden

Instruction No 31351046
Version 1.1
Part. No. 31351045

Steering wheel, leather

Equipment



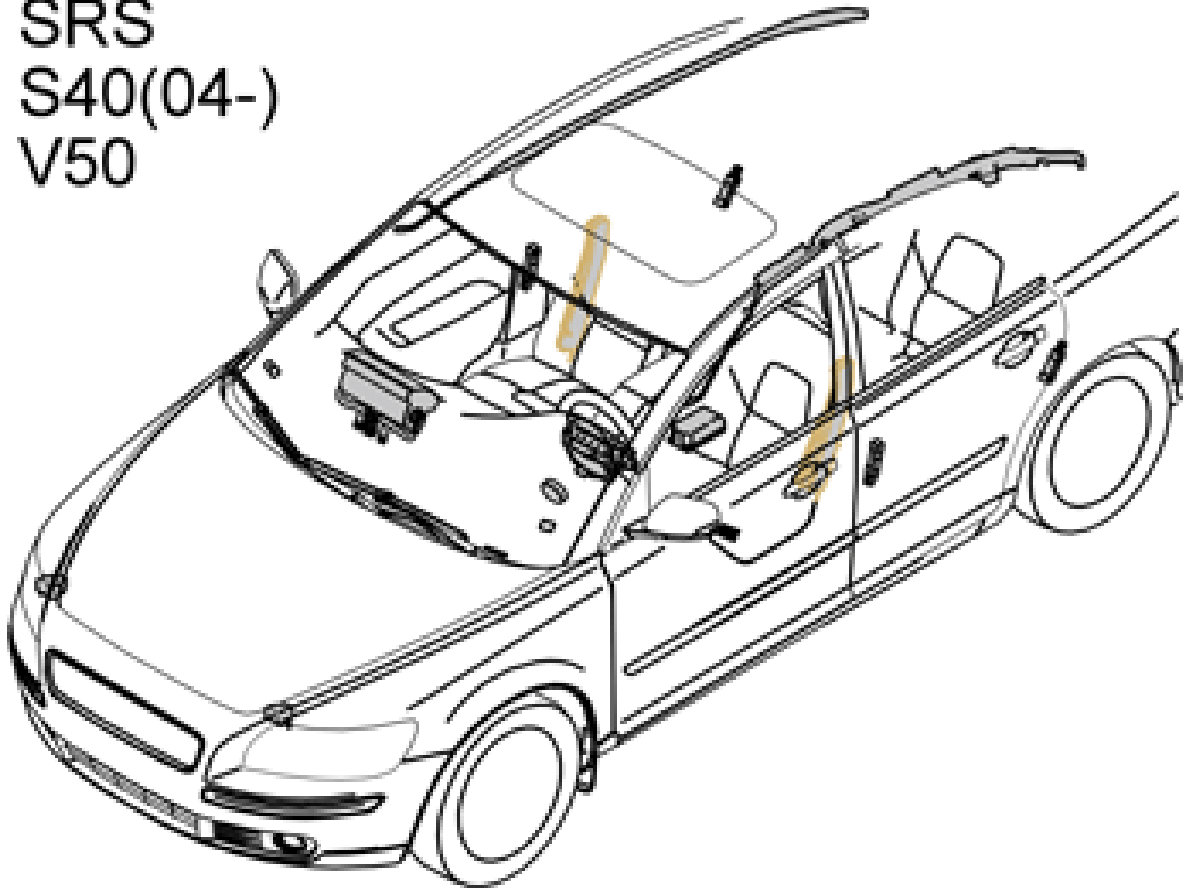
A0000162



Nm
lbf.ft

A0000161

SRS
S40(04-)
V50

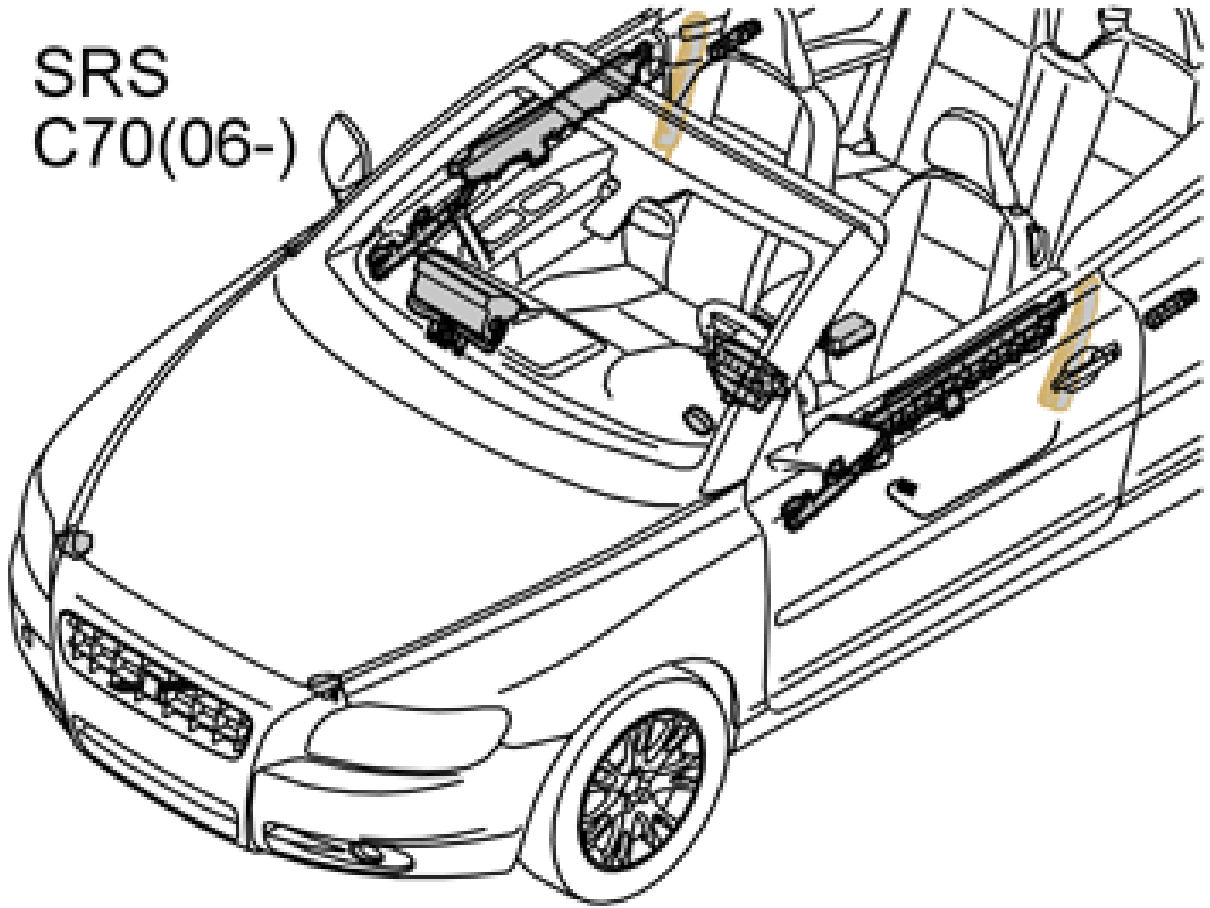


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SRS
C70(06-)

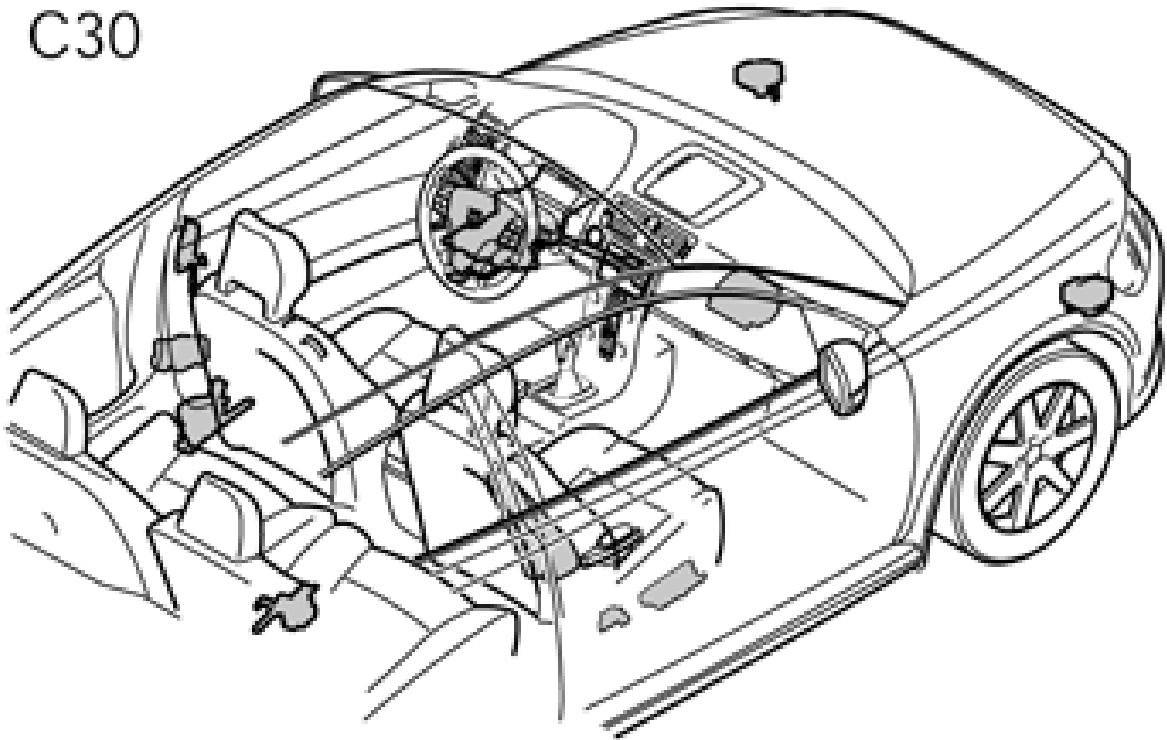


IMG-219100

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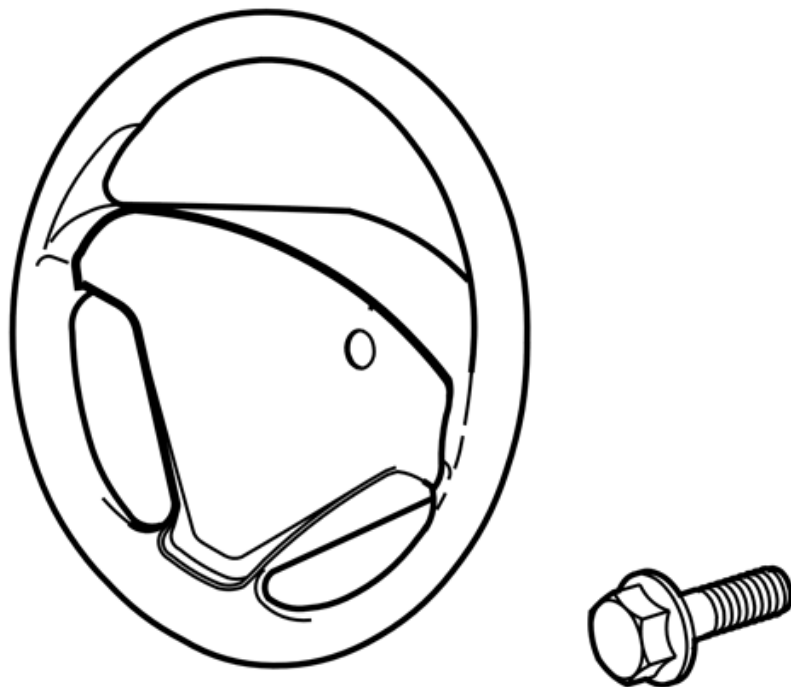
SRS C30



IMG-251733

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M6400691

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INTRODUCTION

Read through all of the instructions before starting installation.

Notifications and warning texts are for your safety and to minimise the risk of something breaking during installation.

Ensure that all tools stated in the instructions are available before starting installation.

Certain steps in the instructions are only presented in the form of images. Explanatory text is also given for more complicated steps.

In the event of any problems with the instructions or the accessory, contact your local Volvo dealer.

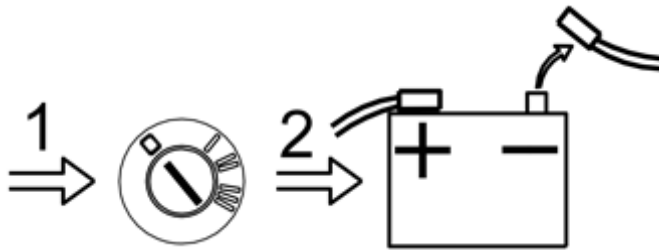
Removing the steering wheel

1

Removing the steering wheel

Turn the ignition key to position 0. Leave the key in the ignition switch

Disconnect the battery negative lead.



Note!

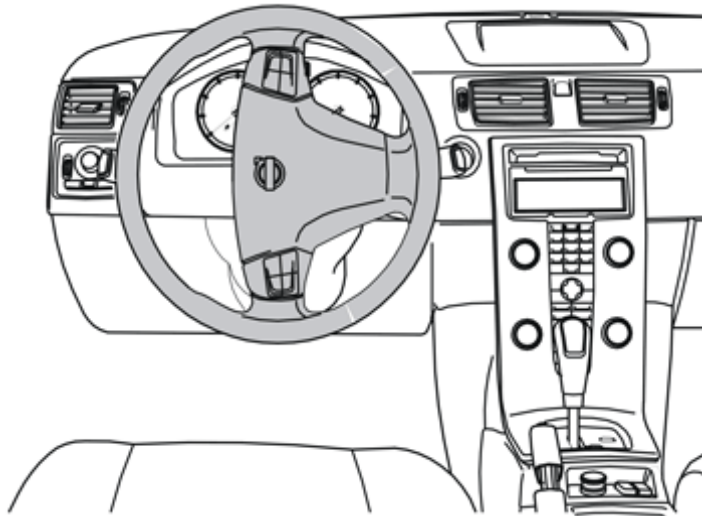
Wait at least five minutes before disconnecting the connectors or removing other electrical equipment.

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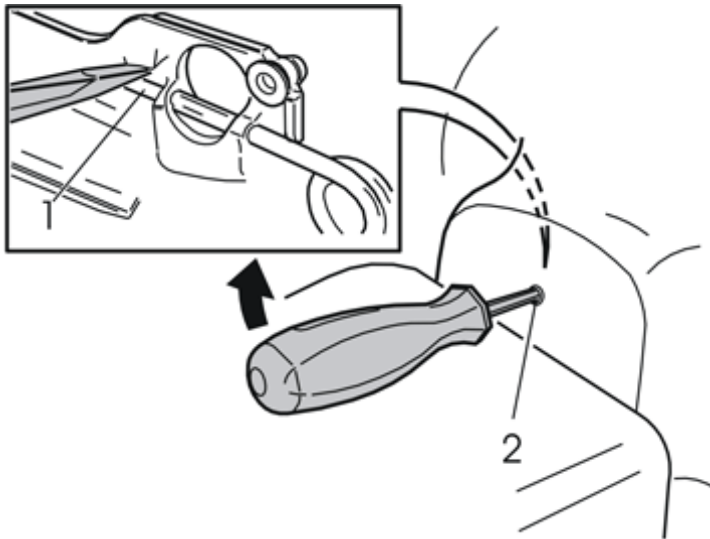
2



J6400903

Turn the steering wheel a quarter turn so that the holes on the reverse of the steering wheel are accessible.

3



M6400670

Insert a screwdriver in the hole (2) on the reverse of the steering wheel, at right angles to the rear surface of the steering wheel. Insert the screwdriver as far as possible to determine the position of the end of the spring clip (1)

Position the end of the screwdriver on the top of the spring clip as illustrated

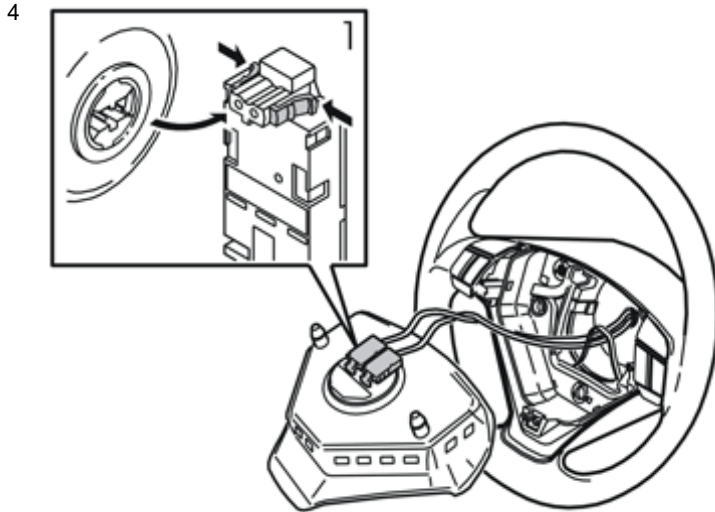
Pry the screwdriver upwards towards the upper edge of the hole (2) so that the end of the screwdriver presses the spring clip down (1) until one side of the steering wheel module springs out and releases from the mounting

Turn the steering wheel a half turn in the opposite direction. Carry out the same operation on the other side

Turn the steering wheel to the neutral position. Remove the ignition key from the ignition switch.

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M3903271

Fold the steering wheel module out

Remove the two connectors (1) for the ignition cables for the airbag. First press in the catches on the sides. Then pull the connectors straight out.

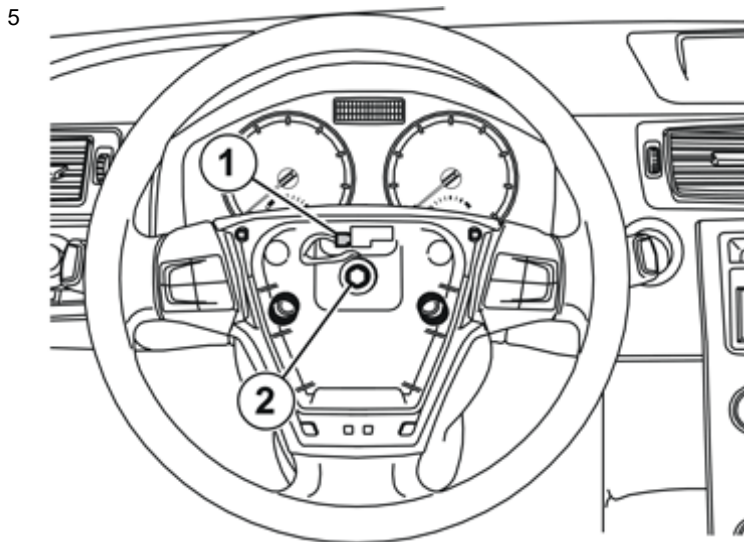
Note!

The connectors are tightly secured. However, tools must not be used when removing.

Place the steering wheel module to one side.

Note!

Position the steering wheel module with the front upwards in a secure position while carrying out the work.



J6400904

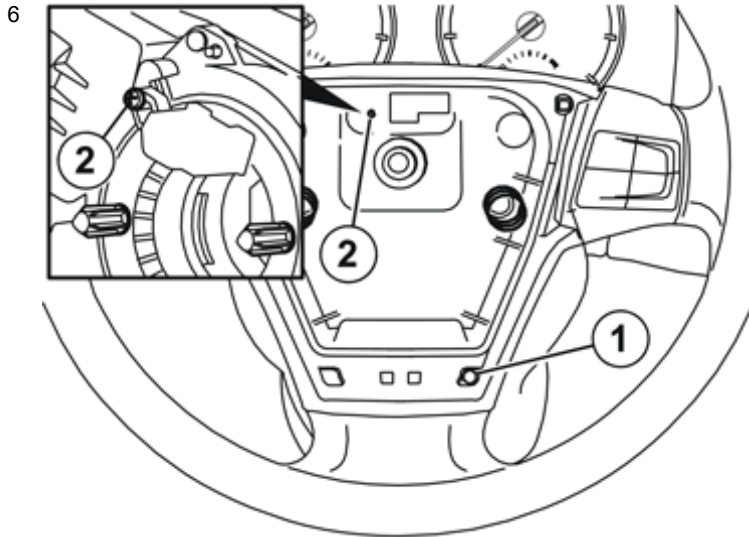
Remove:

the connector (1)

the screw (2) that holds the steering wheel, leave the steering wheel in place.

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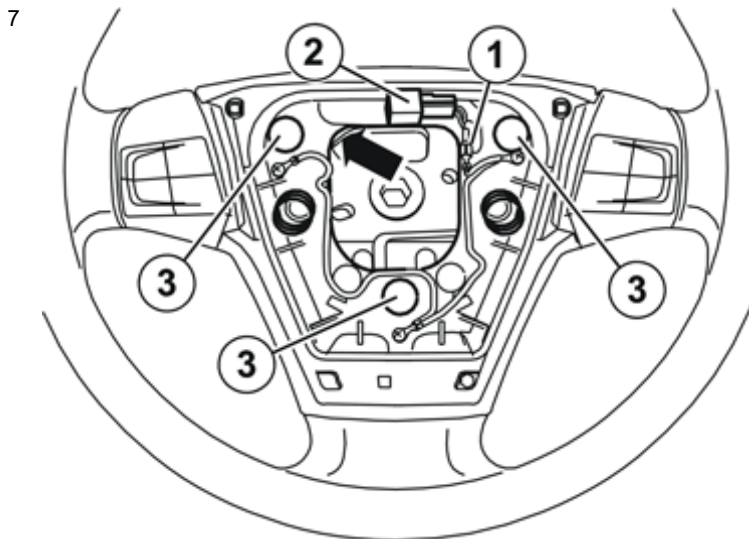
J6400906

Remove:

the screw (1). Install the screw in the contact reel (2)

the steering wheel. Pull the wiring out through the hole in the steering wheel.

Transferring components



J6400907

Transferring components

Disconnect the cable terminal (1) for the horn

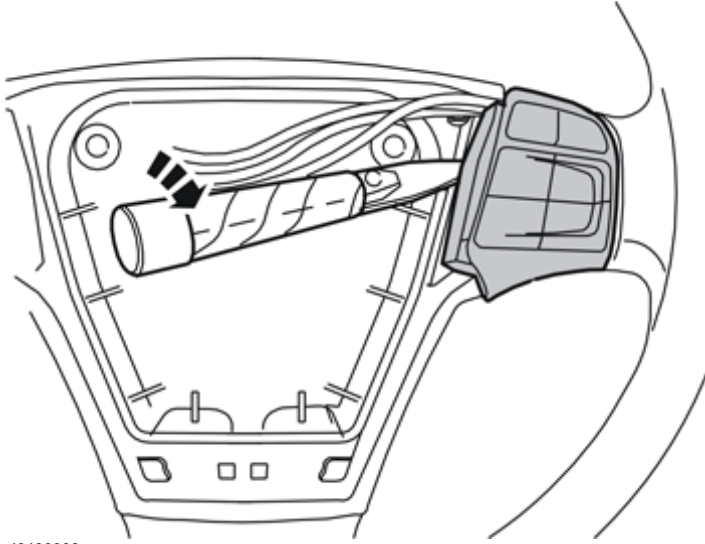
Disconnect the connector (2) for the keypads from the horn

Remove the three screws (3). Lift the horn out.

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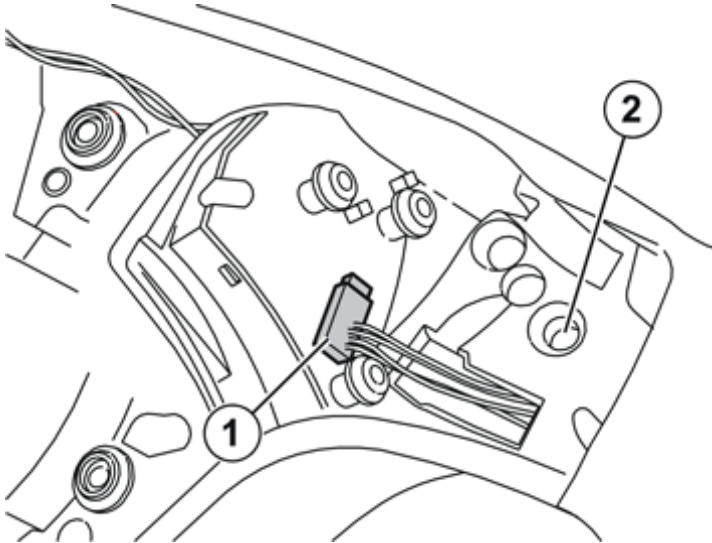
8



J6400908

Remove the left and right-hand keypads from the keypad. Carefully pry them off using a plastic weatherstrip tool. Twist the weatherstrip tool to pry out the keypad. It is firmly held in place by three lugs in the steering wheel, so some force is required to remove it.

9



J6400909

Applies to cars with an RTI keypad

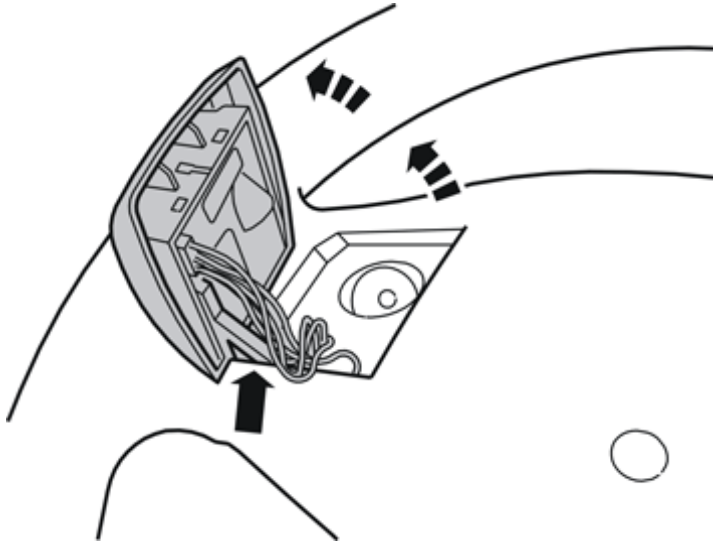
Disconnect the connector (1) for the keypad for RTI

Remove the screw (2).

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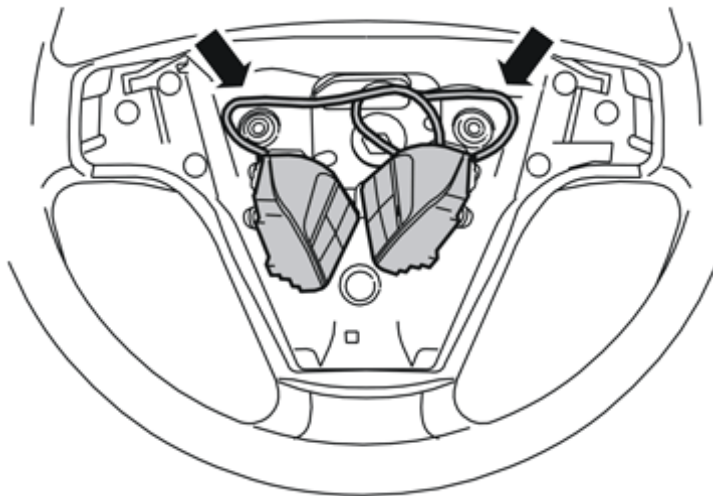
J6400900

Applies to cars with an RTI keypad

Pry up the keypad at the front edge and unhook it from the steering wheel at the rear edge

Pull the cable out of the steering wheel.

11



J6400911

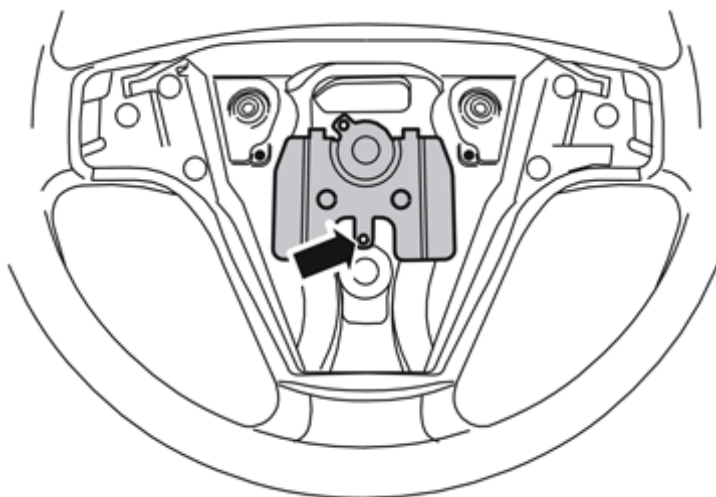
Applies to all models

Pull out the wiring from the keypads from the channels in the bottom of the steering wheel. Transfer the wiring with the keypads to the new steering wheel.

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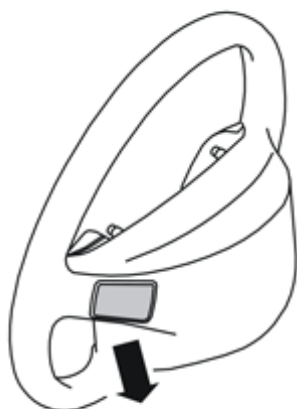


J6400965

Applies to cars with vibration dampers

Remove the screw and the vibration damper from the steering wheel. Transfer to the new steering wheel.

13



J6400902

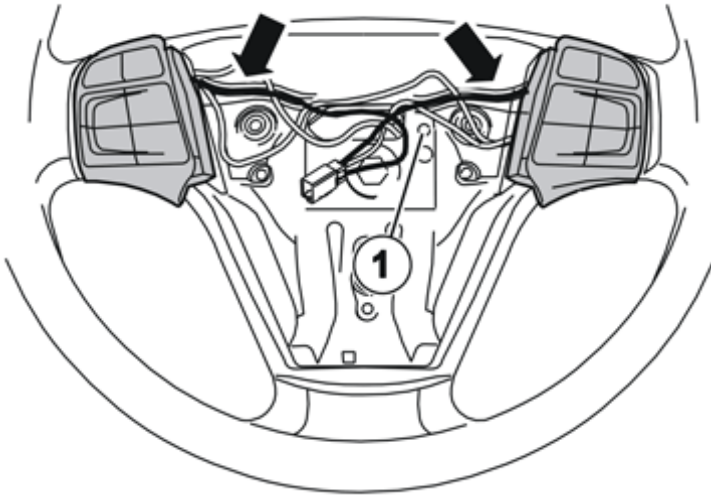
Applies to cars with an RTI keypad

Remove the cover on the reverse of the right-hand spoke on the new steering wheel.

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J6400913

Applies to cars with an RTI keypad

Insert the RTI wiring into the reverse of the spokes and route them into the steering wheel

Reinstall the keypad on the reverse of the spokes. Tighten using the screw.

Applies to all models

Press the keypads into the steering wheel.

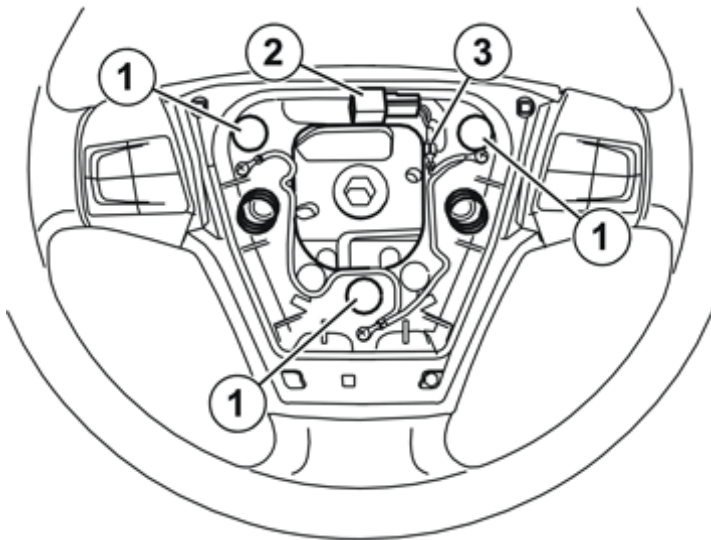
Note!

Ensure that the wiring routed under the keypads is not trapped when they are pressed into position.

Position the wiring for the keypads (including RTI) in the grooves in the bottom of the steering wheel

Tighten the ground lead (1).

15



J6400912

Check that the three springs underneath the horn are in position

Reinstall the horn in the steering wheel

Install the three screws (1) in the horn. Tighten the screws crosswise. Tighten to $8 + 2 \text{ Nm}$ ($6 \pm 1.5 \text{ lbf.ft.}$).

Note!

The screws are self tapping which may mean that it is difficult to screw in.

Check the function of the horn by pressing the horn around its entire circumference. A metallic noise should be heard when the three contact points come into contact

Reconnect the connector (2) for the keypads in the horn

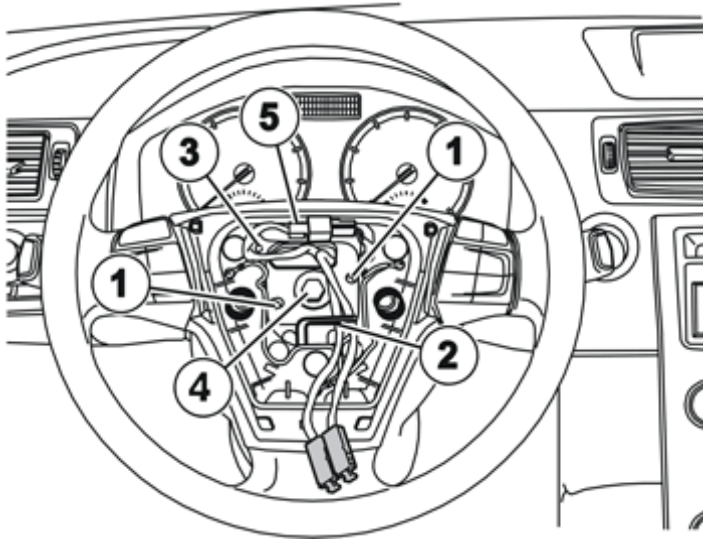
Reinstall the cable terminal (3) for the horn.

Installing the new steering wheel

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J6400914

Installing the new steering wheel

Insert the wiring through the hole in the new steering wheel

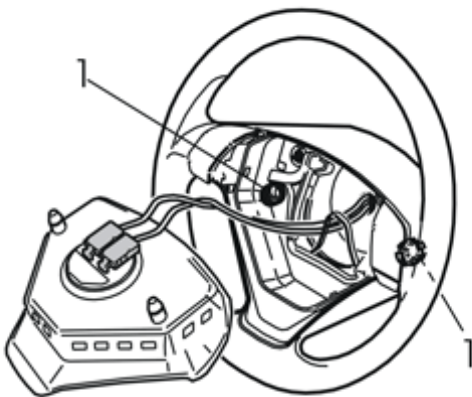
Carefully install the new steering wheel by holding it straight and aligning the locating pins (1) on the contact reel. Route the ignition wiring for the airbag through holder (2)

Remove the screw (3) from the contact reel and reinstall the screw in the holder. See point 6

Install the new screw (4). Tighten to 40 Nm (30 lbf.ft.)

Connect the connector (5).

17



J6400898

Check that the two springs (1) are in position

Press the two connectors for the ignition cables for the airbag into the steering wheel module

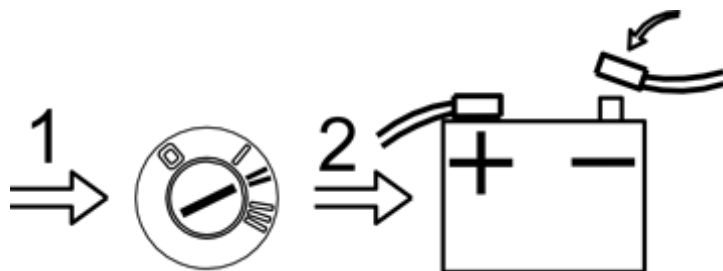
Insert the two pins on the reverse of the steering wheel module in the two springs. Ensure that the ignition cables are not trapped

Press the steering wheel module into the mountings. (Two clicks should be heard.).

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Insert the key in the ignition and turn to position "II".

Reconnect the battery negative lead.

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