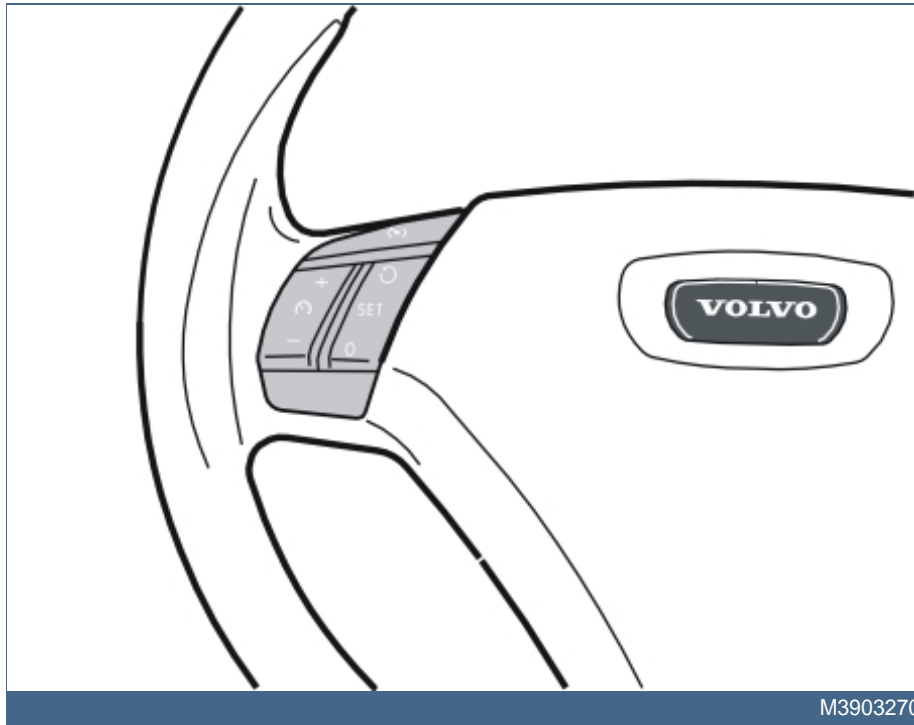




S60 / XC90

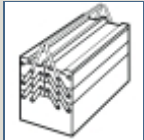
Section	Group	Weight(Kg/Pounds)	Year	Month
8	89		2001	11

S60 2002, S60 2003, S60 2004, XC90 2003, XC90 2004, XC90 2005, XC90 2006, XC90 2007, XC90 2008





Required tools



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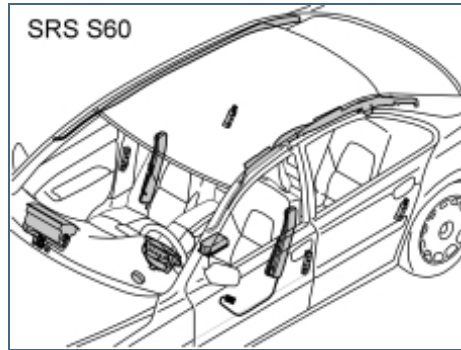


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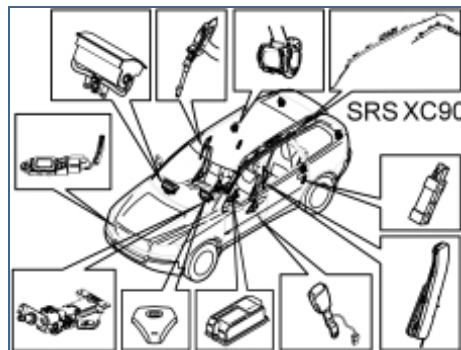


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Any comments on this publication? Please contact your nearest dealer. Thank you!

Publication no: MA 8622899, Issue: 2001-11
Comments:.....
From:.....
Address:.....
Telephone no:.....
Telefax:.....



INTRODUCTION

- **NOTE! Read through the entire text before carrying out any work.**
- The front page gives the date of this edition and the edition it replaces
- The second page shows the tools needed for the installation and the contents of the installation kit
- The illustrations display the procedure in order of operation. The order of operation is repeated in the text section
- Cut out the text page in order to follow the illustrations and text at the same time.

Cars equipped with SRS/SIPS (Airbag)

Warning!

Extra care must be taken when working on cars equipped with SRS/SIPS air bags. This is important to prevent:

1. Personal injury
2. Damage to or malfunction of the SRS/SIPS system.

Work on the SRS/SIPS systems or related components must always be carried out by an authorised Volvo workshop.

Is the car equipped with SRS (supplemental restraint system)?

Cars equipped with a driver's airbag have the letters "SRS" imprinted on the centre panel of the steering wheel. Cars equipped with driver's and passenger airbags are marked with "SRS" on both the steering wheel centre panel and also on the dashboard close to the airbag.

If the car is equipped with SIPS (side impact protection system) a "SIPS" decal is marked on both the front seats.

Cars equipped with inflatable curtains have the marking "SRS" on one of the panels along the posts on the inside of the car.

Cars equipped with SRS (supplemental restraint system) also have a "SRS" decal on the front windscreen.

Do not damage the SRS wiring!

Do not trap, fray, pierce or damage the SRS wiring. SRS wiring has orange casing and/or is plaited.

Steering and front suspension

The contact reel in the SRS system can easily be damaged when working on the steering wheel, steering shaft or steering gear. Refer to the SRS (supplemental restraint system) Service Manual or service instructions in VIDA for information on carrying out such work. This is to prevent damage.

SRS warning lamp

If the SRS warning lamp lights after repairs have been carried out, take the car to an authorised Volvo workshop.

SRS collision sensor control module

S60 / V70 (00-) / S80 / XC90

The collision sensor control module is located on the transmission tunnel



in the centre console, in front of the parking brake.

WARNING!

The air bag inflation areas must not be obstructed. Never place any objects, such as upholstery or accessories, within these areas. The panels must be able to deploy in the correct manner at the right time otherwise there is a risk of personal injury in the event of a collision.

WARNING!

The ignition must be in position "0" and the key removed from the ignition if any connector in the SRS system is to be disassembled. Then wait at least one minute. Then disconnect the battery negative lead before disassembling any of the connectors. When work is completed the ignition key must be turned to position "II" before reconnecting the battery negative lead.

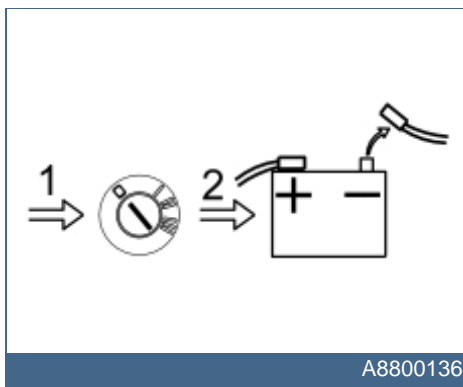
Cruise control

Note!

This accessory requires software unique to the car



1



Preparations

- Turn the ignition key to position "0". Remove the ignition key from the ignition switch
- Disconnect the battery negative lead.

Note!

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

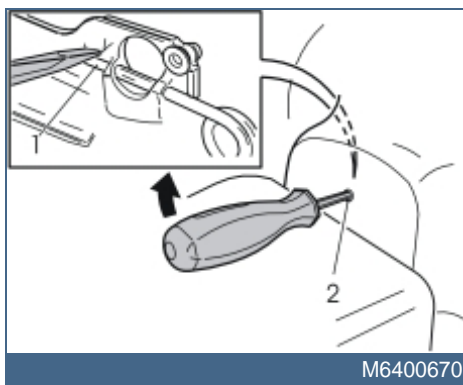
2



Disassembling, the steering wheel

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

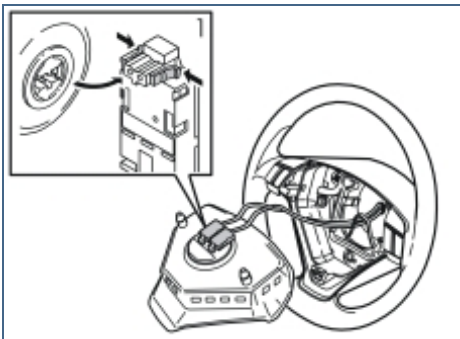
3



- 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 a 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.



4



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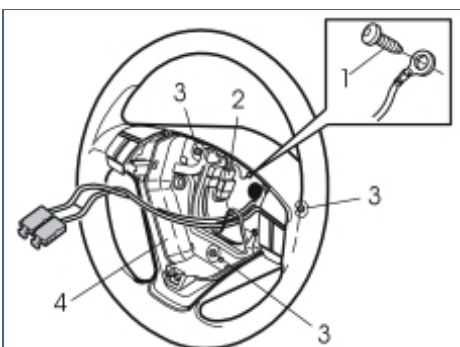
- Fold the steering wheel module out
- Remove the two connectors (1) for the ignition cables for the airbag. First press in the catches on the sides. Then pull the connectors straight out.

Note!

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

- Place the steering wheel module to one side.

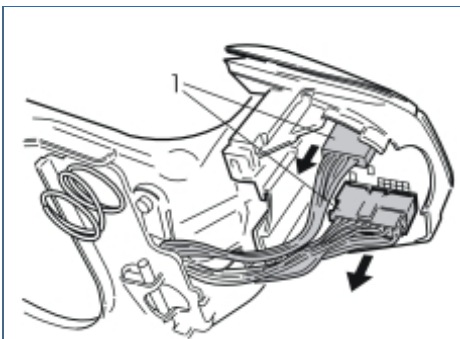
5



M6400671

- Remove the screw (1). Remove the ground lead
- Disconnect the connector (2) for the horn and the keypads
- Remove the three screws (3). Lift the horn out (4).

6

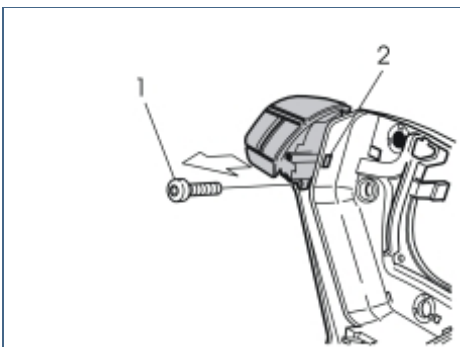


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Applies to cars with pre-routed wiring

- Press in the catch (1) on the connectors for the left dummy button. Remove the connectors.

7



M3903278

Applies to all cars

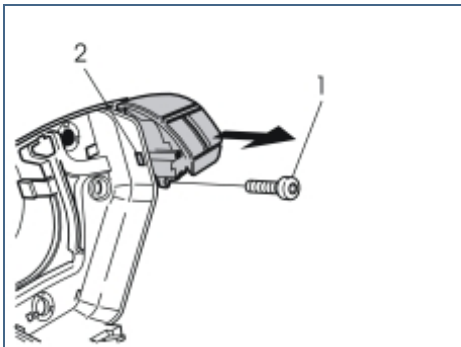
- Remove the screw (1) in the dummy button on the left hand side of the horn
- Press in the catch (2). At the same time pull the dummy button from its socket. Place the dummy button to one side. If there is existing wiring: continue with point 10.

Note!

If there is no existing wiring the horn must be replaced. A new horn is in the kit. Carry out points 8- 9.



8



M3903276

Applies to cars without existing wiring

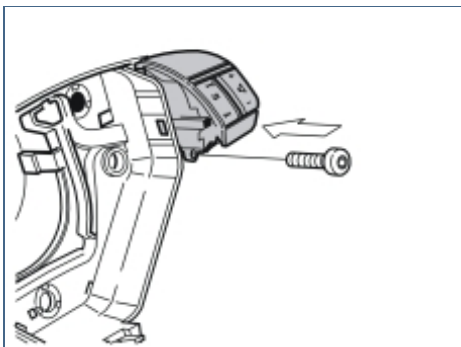
- Remove the screw (1) in the dummy button on the right hand side of the horn
- Press in the catch (2). At the same time pull the dummy button from its socket.

Note!

Take care of the dummy button, it will be reused.

- Place the old horn to one side. The horn will not be reused.

9

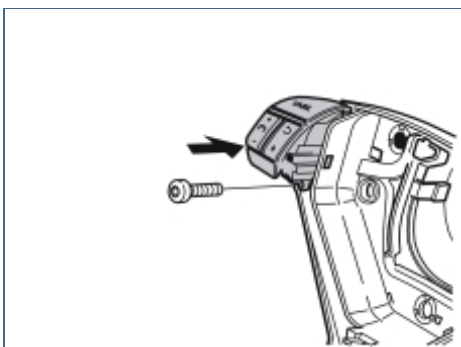


M3903280

Applies to cars without existing wiring

- Install the new horn in position
- Insert the right dummy button into the groove until the catch engages
- Install the screw. Tighten the dummy button
- Connect the connector to the dummy button.

10



M3903273

Installing, the keypad for the cruise control

Applies to all cars

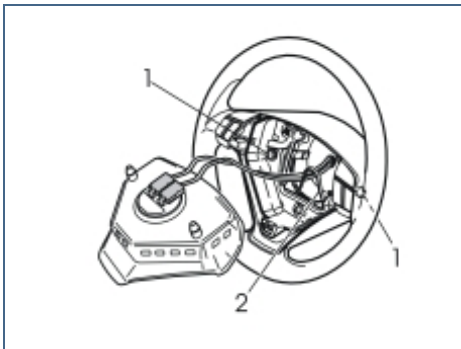
- Insert the new keypad for the cruise control into the grooves until the catch engages
- Install the screw. Tighten the keypad
- Connect both the connectors to the keypad.

11

- Reinstall the horn. See point 5. Ensure that the three springs are positioned correctly. Check that the ground lead is not trapped
- Tighten the screws crosswise. Tighten to **6.5 Nm (5 lbf. ft.)**
- Reinstall the ground lead using the screw. Tighten the ground lead
- Connect the connector for the horn and the keypads
- Check the function of the horn. Press the horn all the way around its circumference. (A metallic noise should be heard).



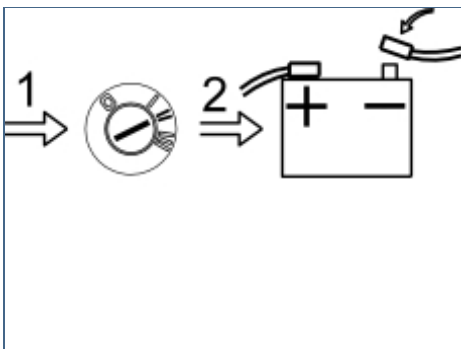
12



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- Check that the two springs (1) are in position
- Connect the two connectors for the ignition cables for 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).

13



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Finishing work

- Turn the ignition key to position "II".
- Connect the battery negative lead
- Program the software according to the service information in VIDA.