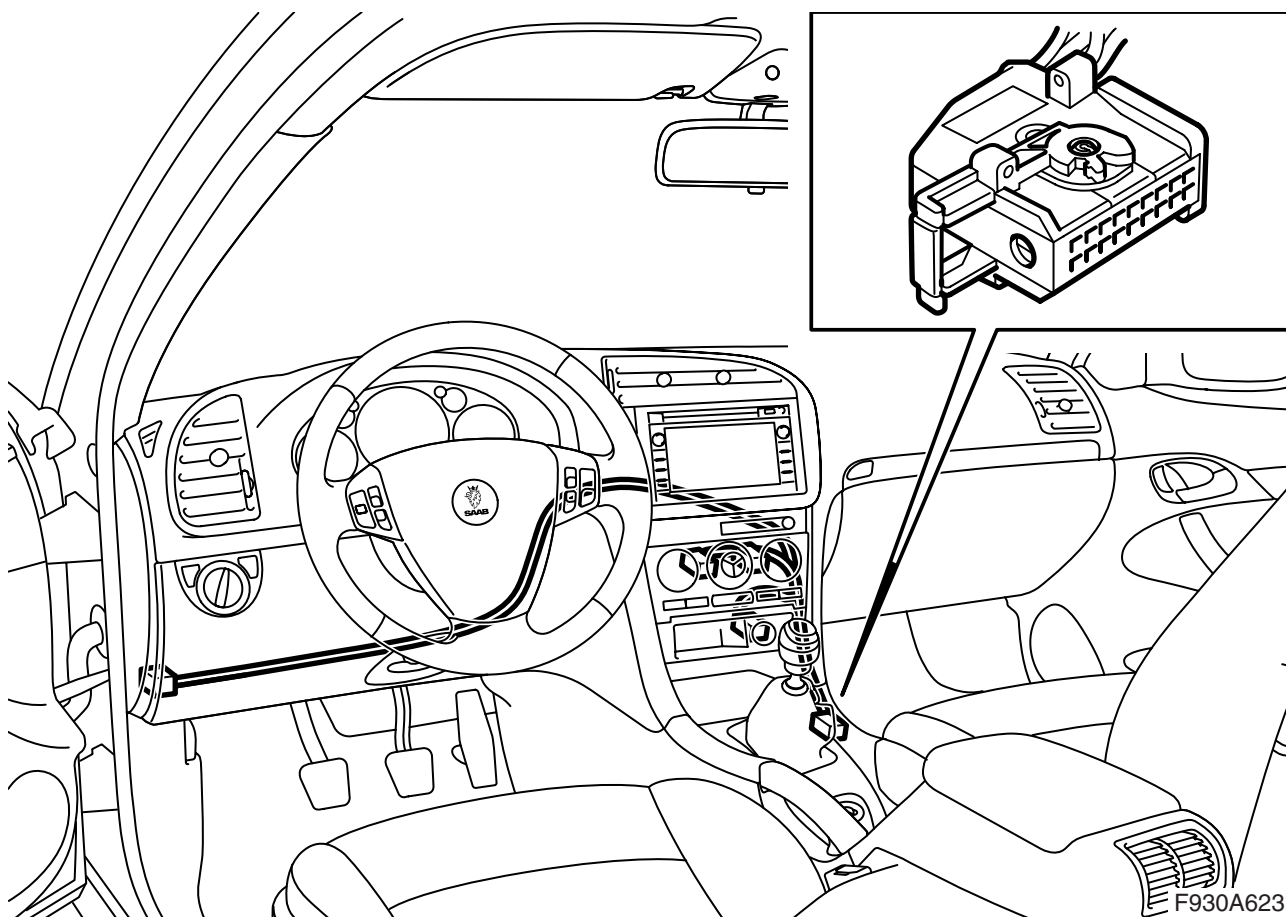




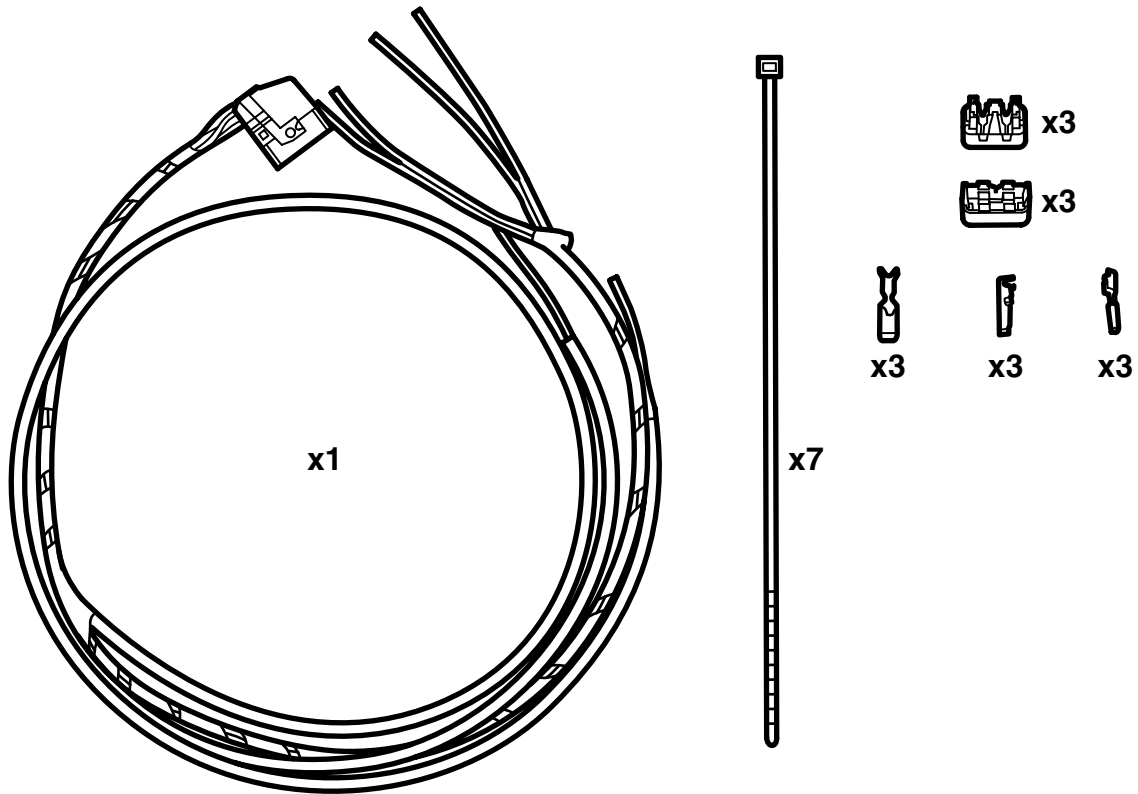
**MONTERINGSANVISNING · INSTALLATION INSTRUCTIONS
MONTAGEANLEITUNG · INSTRUCTIONS DE MONTAGE**

9-3 M03-06, radio/navigation page 3
9-3 M07-, radio page 11
9-3 M07-, navigation page 18
9-5 M06-, radio/navigation page 27
Adapter harness, mobile phone

Accessories Part No.	Group	Date	Instruction Part No.	Replaces
32 025 900	9:89-32	Jan 07	32 025 908	32 025 908 Nov 06



F930A623

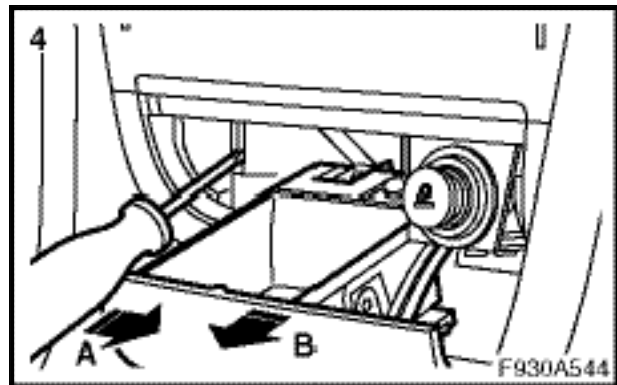
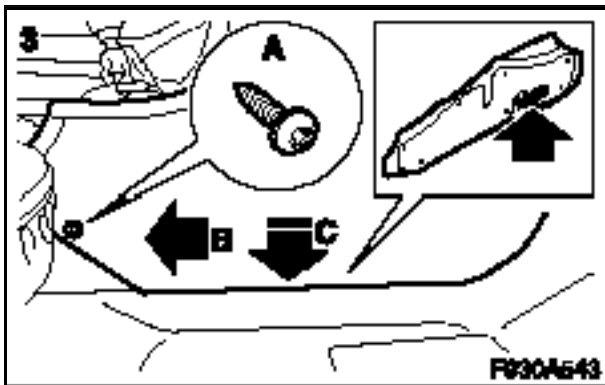
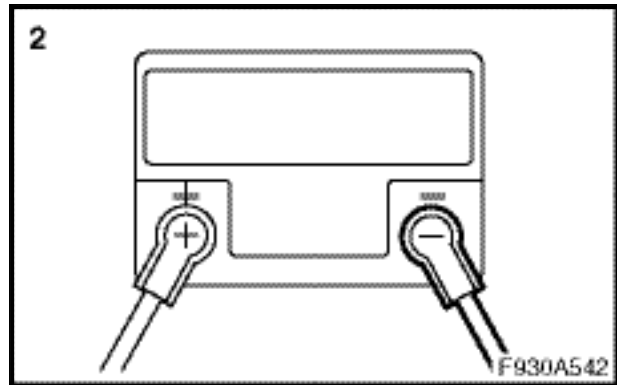
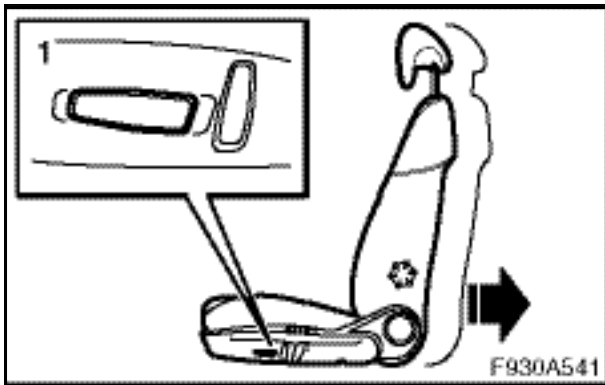


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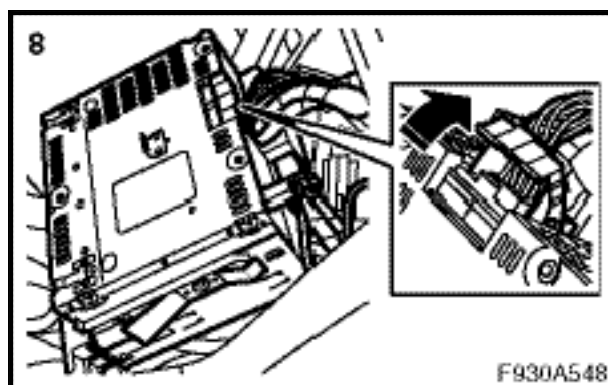
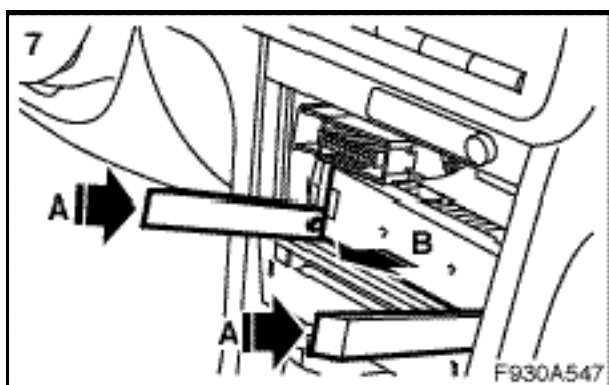
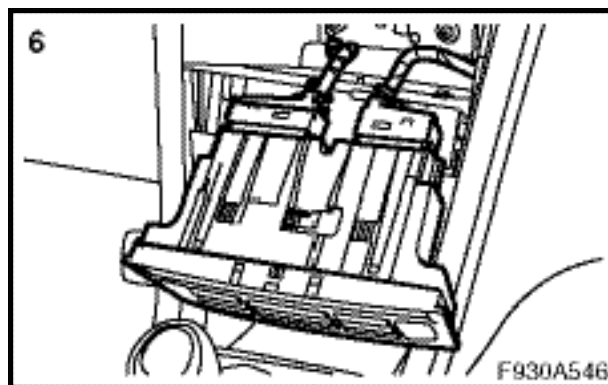
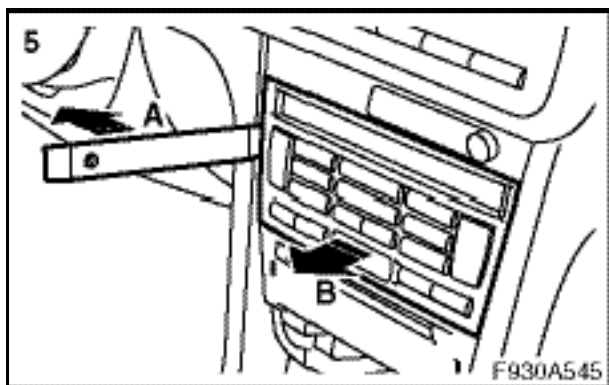
9-3 M07 with navigation

The following are not included in the kit but are ordered separately:

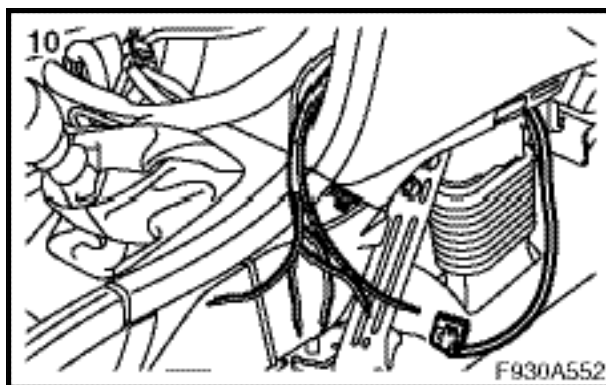
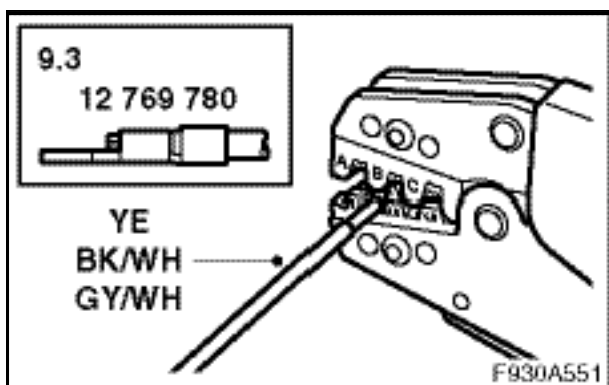
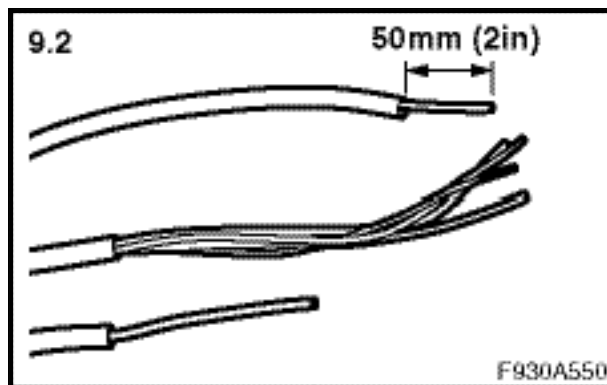
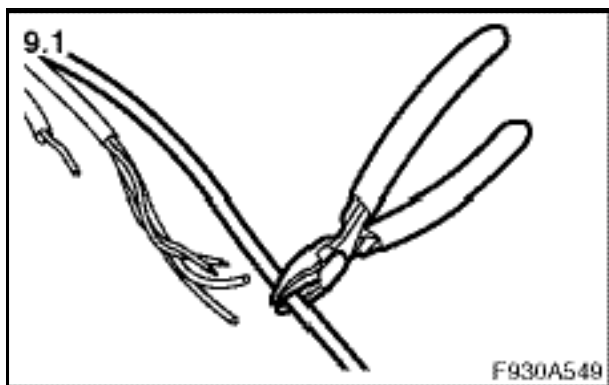
- Voltage converter
- Connector
- Lock
- Cable terminals

9-3 M03-06, radio/navigation

- 1 Move the passenger seat to its rearmost position.
- 2 Disconnect the battery negative cable (-).
- 3 Remove the front floor console side piece on the passenger side.
- 4 Remove the ashtray/storage compartment.



- 5 Remove the ACC/MCC unit.
- 6 Unplug the connectors.
- 7 Remove the head unit, press in the catches and take the unit out.
- 8 Unplug the head unit connectors.



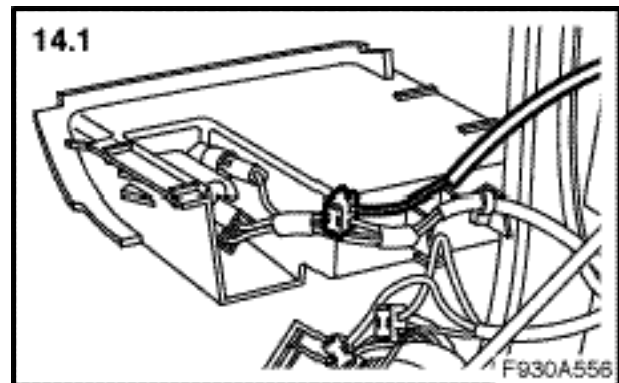
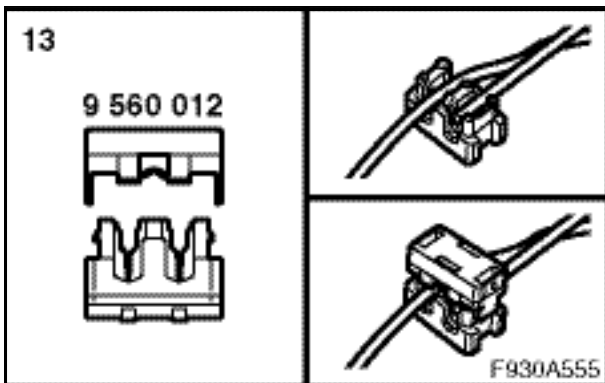
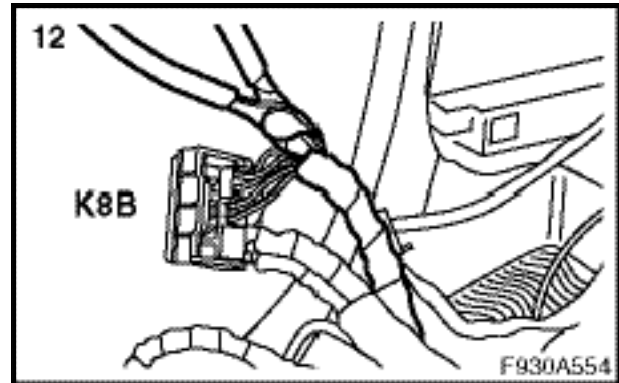
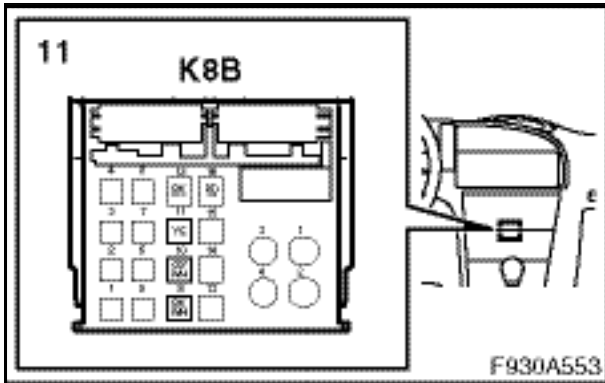
9 Prepare adapter harness (32 025 898):

- 9.1 Cut the yellow (YE) cable to the same length as the other cables in the adapter harness.
- 9.2 Cut the sheathing to approx. 50 mm and strip the cable end.
- 9.3 Crimp the cable terminals (12 769 780) to the black/white (BK/WH), grey/white (GY/WH) and yellow (YE) cable ends on the adapter harness.

Important

It is very important that the correct recess in the pliers is used. Check that the cable terminal is firmly secured.

10 Fit the adapter harness to the passenger side.

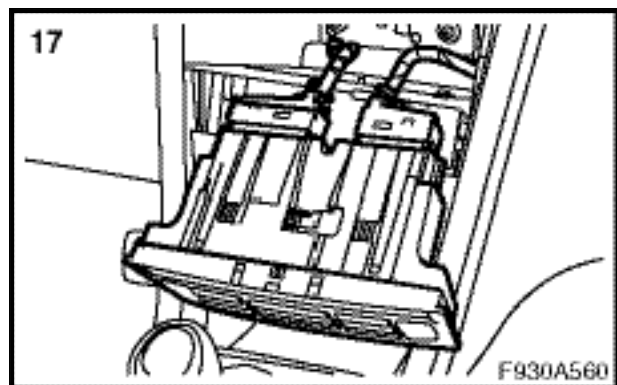
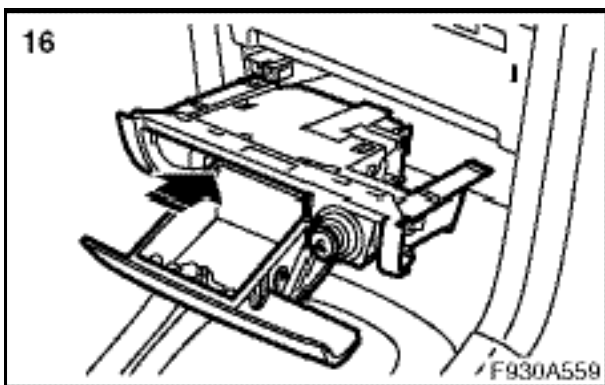
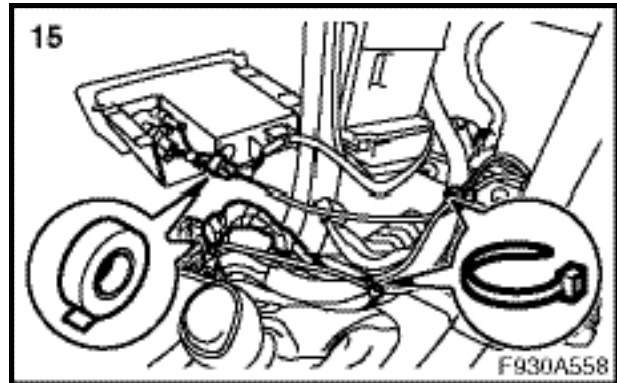
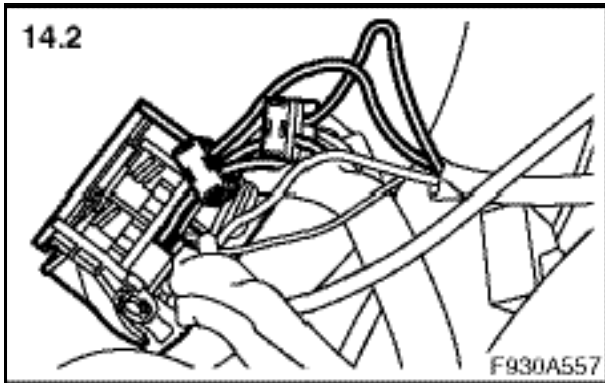


- 11 Connect the adapter harness to the car:
 BK/WH -> K8B pos 9 (line gnd)
 GY/WH -> K8B pos 10 (line out)
 YE -> K8B pos 11 (mute)
- 12 Cut approx. 50 mm from the tape to the connector K8B.
- 13 Splicing the wiring harness.

Important

In order to avoid damaging the wiring harness when splicing, the joining sleeve must only be clamped in once.

- 14 Connect the adapter harness to the car using joining sleeves:
 14.1RD/BU -> 12 V socket BK (+15)



14.2BK -> K8B pos 12 (gnd)
RD -> K8B pos 16 (+30)

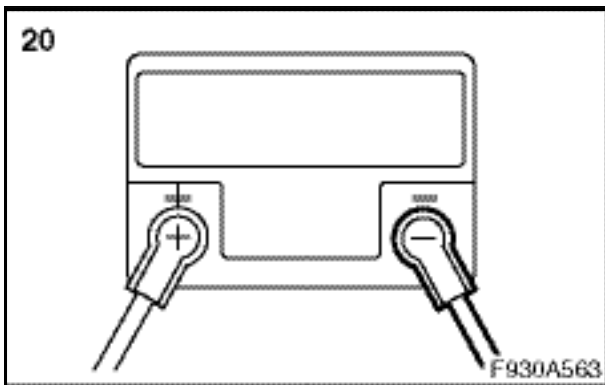
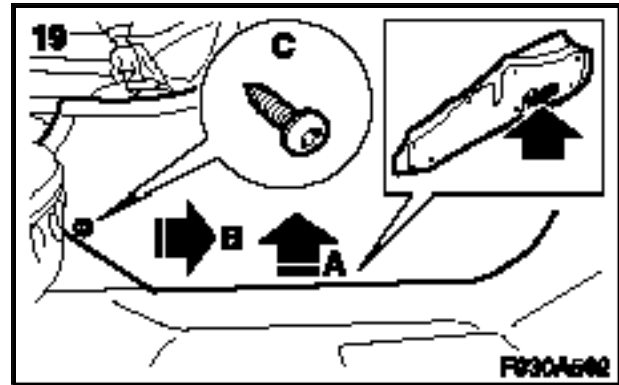
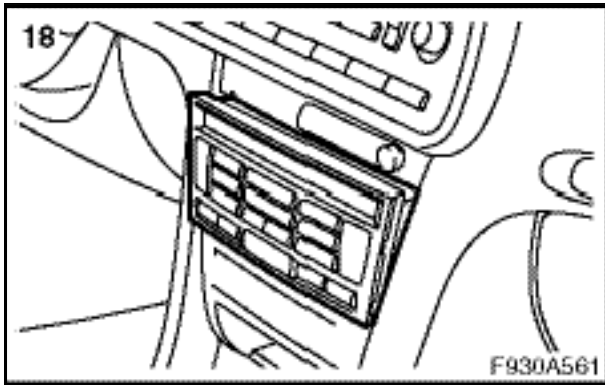
15 Protect the joints by insulating with fabric tape around the wiring harness. Secure the wiring harness.

Important

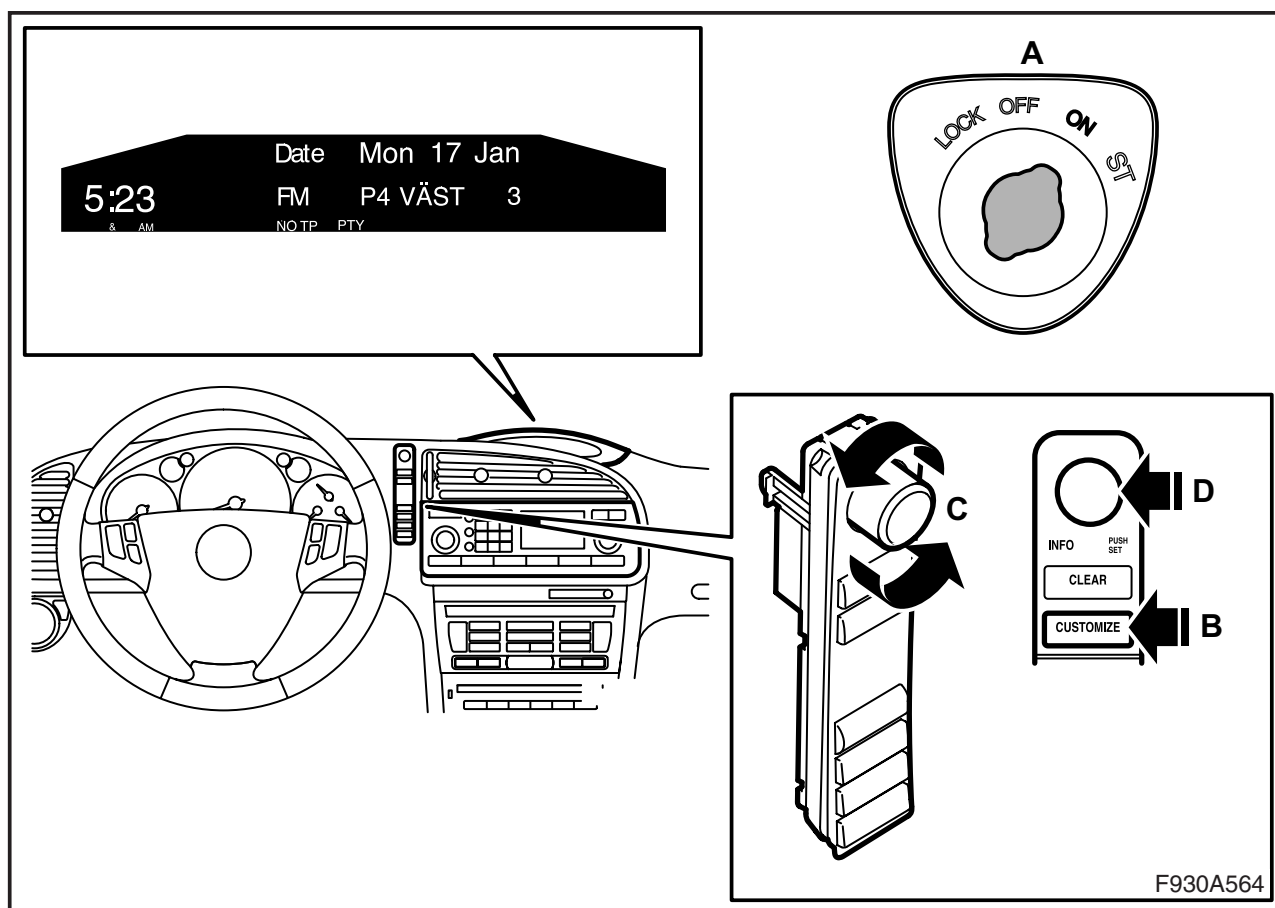
Secure the wiring harness firmly so that there is no risk of rattling.

16 Fit the ashtray/storage compartment.

17 Plug in the connectors.

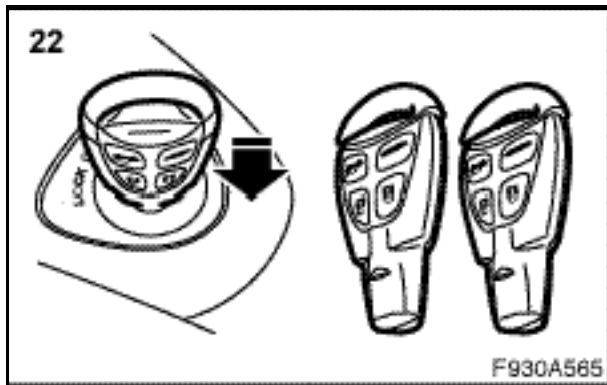


- 18 Fit the ACC/MCC unit.
- 19 Fit the floor console's front side protection.
- 20 Connect the battery negative cable (-).



21 Set the date and time:

- 21.1 Turn the ignition key to the ON position (A).
- 21.2 Press the CUSTOMIZE button (B) in the SIDC (control panel, SID).
- 21.3 Turn the INFO button (C) until the display shows "Clock / Alarm". Press to confirm "OK".
- 21.4 Turn the INFO button (C) to "Set Clock". Press "OK".
- 21.5 Turn the INFO button (C) to "Manual" or "RDS adjust" and set the correct time. Press "OK".
- 21.6 Turn the INFO button (C) to "DATE".
- 21.7 Press in the INFO button (D) until the display shows "YEAR 2000".
- 21.8 Turn the INFO button (C) to the correct year. Press to confirm "OK".
- 21.9 Turn the INFO button (C) to the correct month. Press "OK".
- 21.10 Turn the INFO button (C) to the correct day. Press "OK".



22 Synchronise the remote control code by inserting the key into the ignition switch.

Important

Alert the customer to the fact that all remote controls must be synchronised by inserting the key(s) into the ignition switch. If this is not done then the remote control will not work.

23 **Cars with Anti-Pinch** - Learn Anti-Pinch:

WARNING

Anti-Pinch is not active until the power windows have been calibrated following power disconnection.

Note

Only one control module is to be calibrated at a time due to voltage variations.

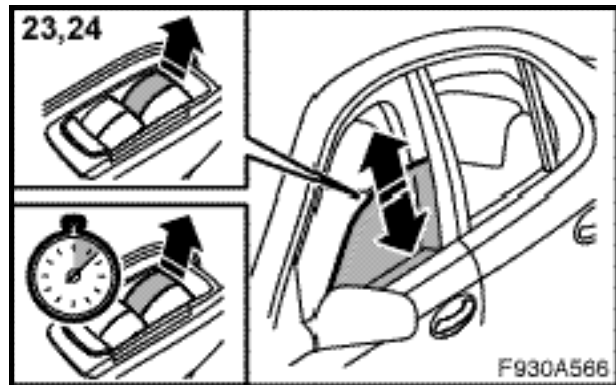
23.1 Close the window.

CV: Close the door and the soft top.

23.2 Reset the pinch protection by removing and fitting fuse F5 from the instrument panel electrical centre (IPEC). The pinch protection for both door modules is now reset and both front windows can be programmed.

23.3 Start the car.

23.4 Lower the window fully. Hold the button depressed during the entire operation.



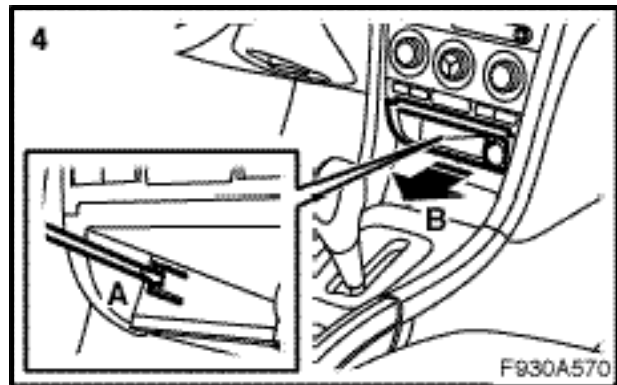
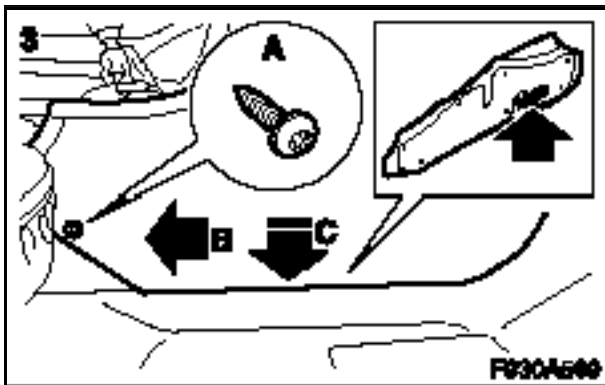
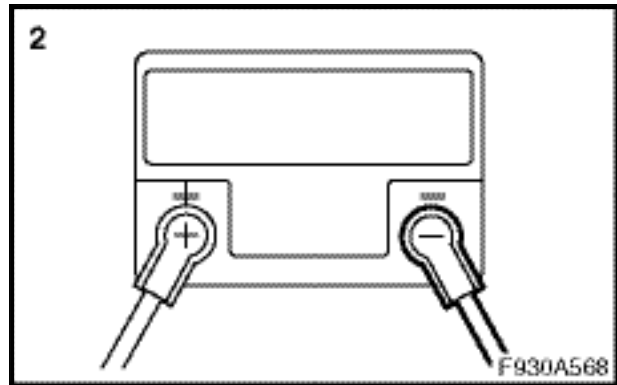
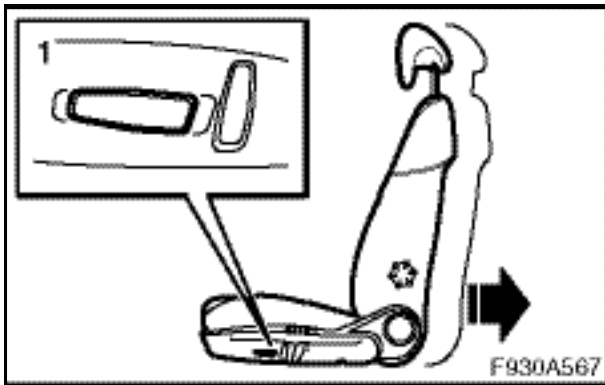
23.5 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.

23.6 Lower the window fully. Hold the button depressed during the entire operation.

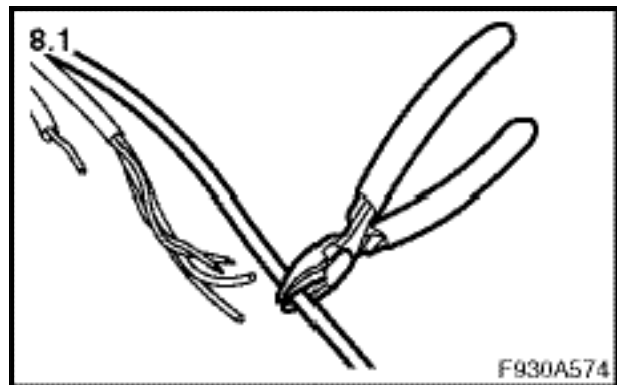
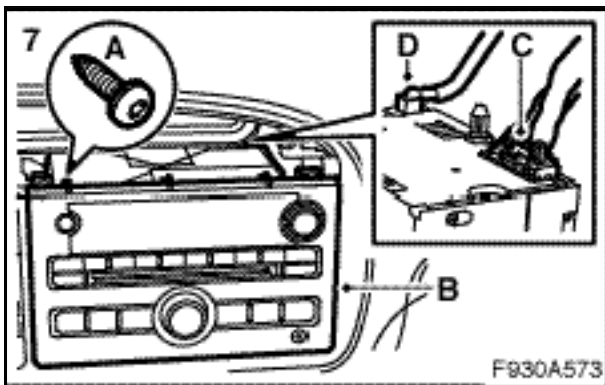
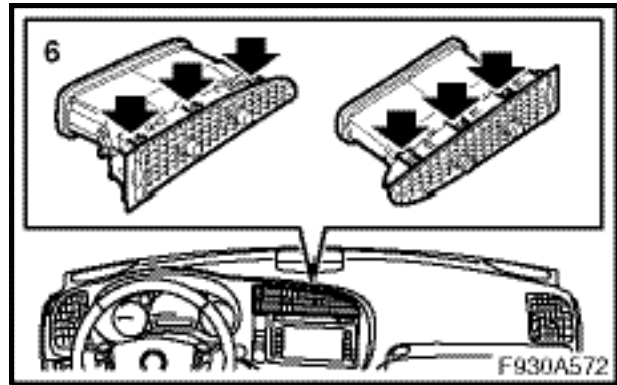
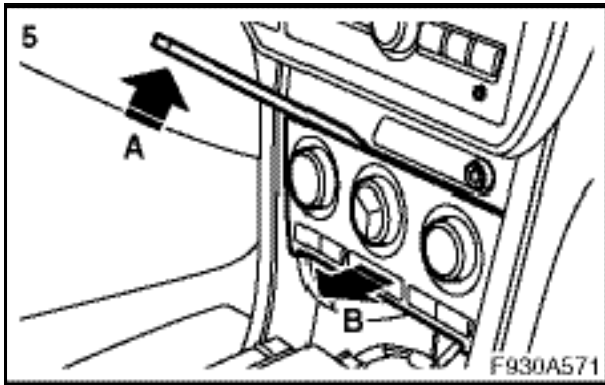
23.7 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.

23.8 When calibration has been completed an audible confirmation is heard. In the event that no audible confirmation is heard, repeat the procedure.

9-3 M07-, radio



- 1 Move the passenger seat to its rearmost position.
- 2 Disconnect the battery negative cable (-).
- 3 Remove the front floor console side piece on the passenger side.
- 4 Remove the ashtray/storage compartment.



5 Remove the ACC unit.

6 Remove the centre air vent in the dashboard by carefully bending in the hooks (A) accessible through the grille.

Important

Take care to bend the correct hooks (A). Hooks holding together the air vents are also visible behind the grille.

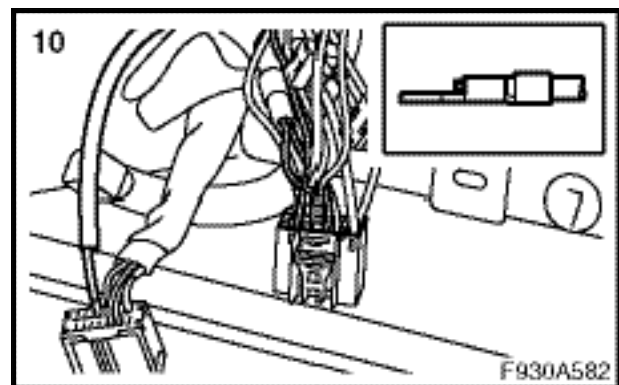
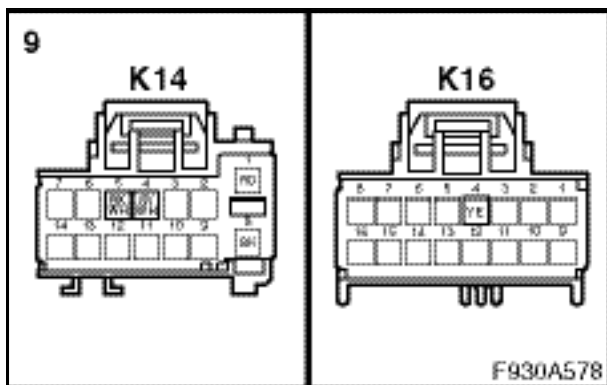
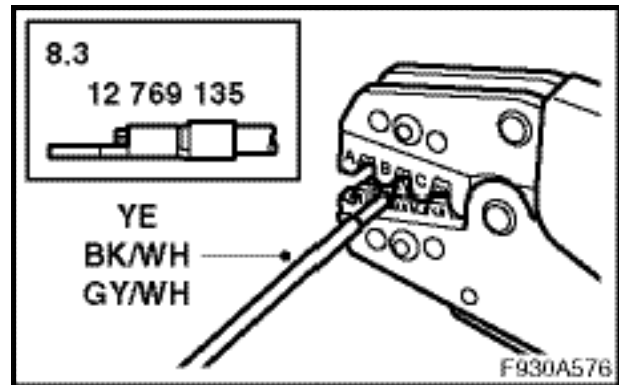
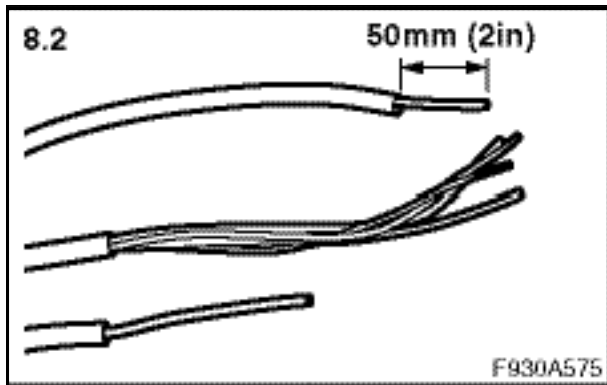
7 Remove the retaining screws (A), lift out the radio unit (B), unplug the connectors (C) and disconnect the antenna cable (D).

Important

Exercise caution when the connector locking catch is detached to avoid damaging the connector. Pull the connector straight out when it is unplugged, to avoid bending the pins.

8 Prepare adapter harness (32 025 898):

8.1 Cut the yellow (YE) cable to the same length as the other cables in the adapter harness.



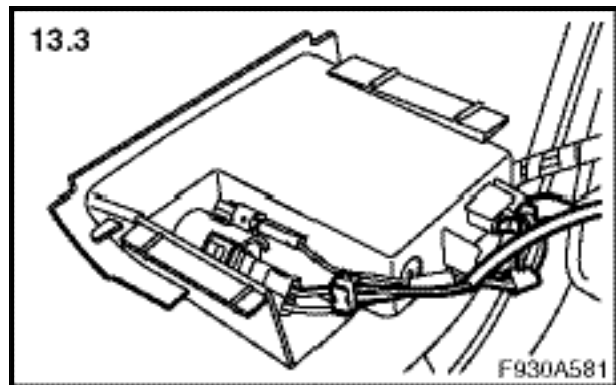
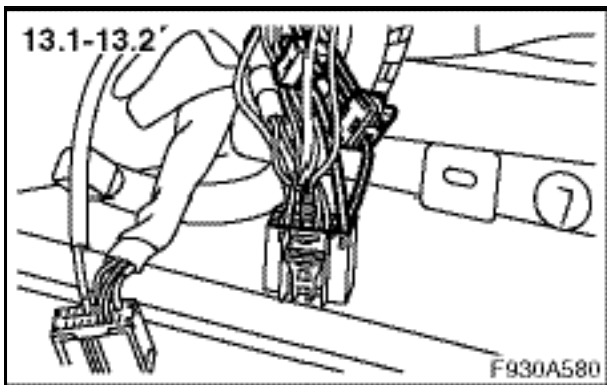
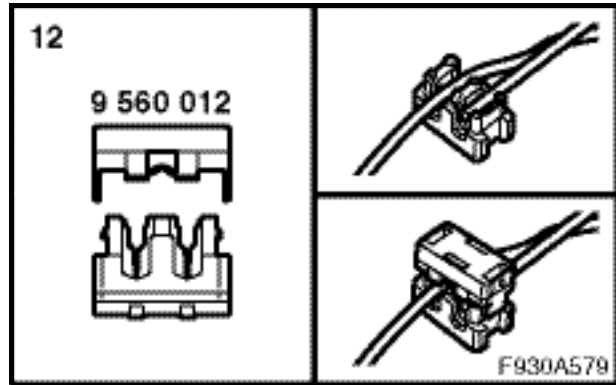
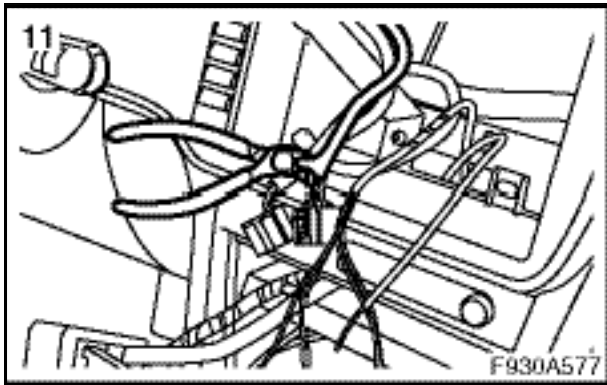
8.2 Cut the sheathing to approx. 50 mm and strip the cable end.

8.3 Crimp the cable terminals (12 769 135) to the black/white (BK/WH), grey/white (GY/WH) and yellow (YE) cable ends on the adapter harness.

Important

It is very important that the correct recess in the pliers is used. Check that the cable terminal is firmly secured.

- 9 Connector, overview.
- 10 Connect the adapter harness to the car:
- 10.1 BK/WH -> K14 pos 5 (line gnd)
 - 10.2 GY/WH -> K14 pos 4 (line out)
 - 10.3 YE -> K16 pos 4 (mute)

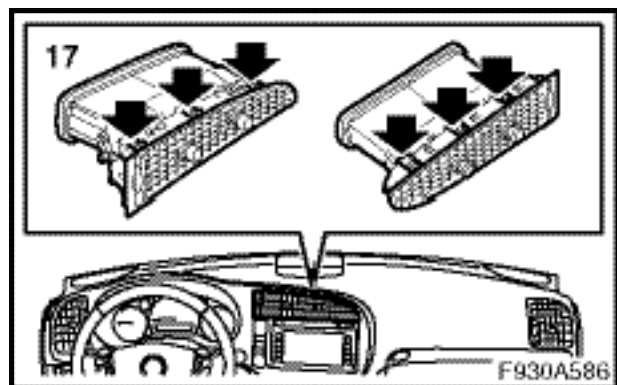
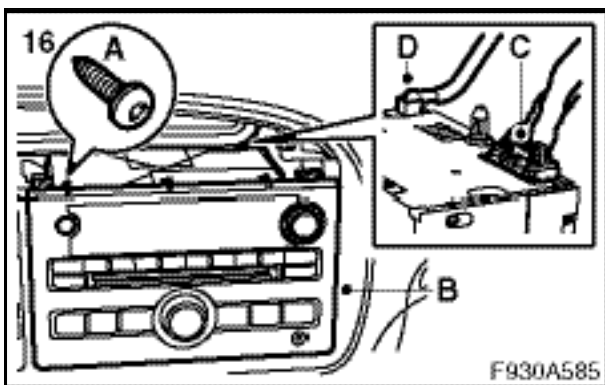
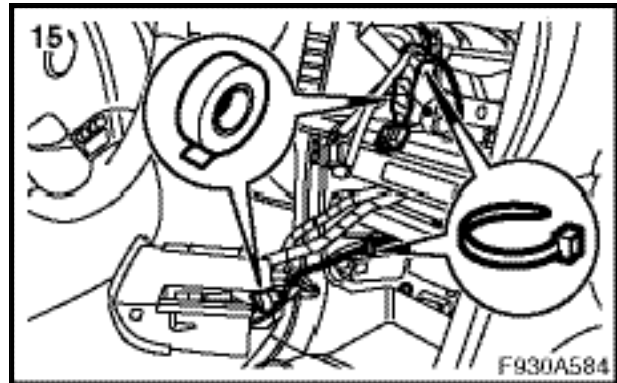
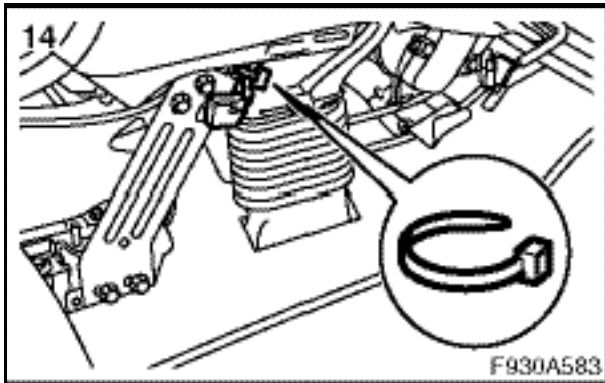


- 11 Release the wiring by cutting the tape approx. 50 mm from the connectors.
- 12 Splicing the wiring harness.

Important

In order to avoid damaging the wiring harness when splicing, the joining sleeve must only be clamped in once.

- 13 Connect the adapter harness to the car using joining sleeves:
- 13.1BK -> K14 pos 8 (gnd)
 - 13.2RD -> K14 pos 1 (+30)
 - 13.3RD/BU -> 12 V socket VT/BU (+15)



- 14 Fit the adapter harness connector adjacent to the centre console support to the passenger side and secure.

Important

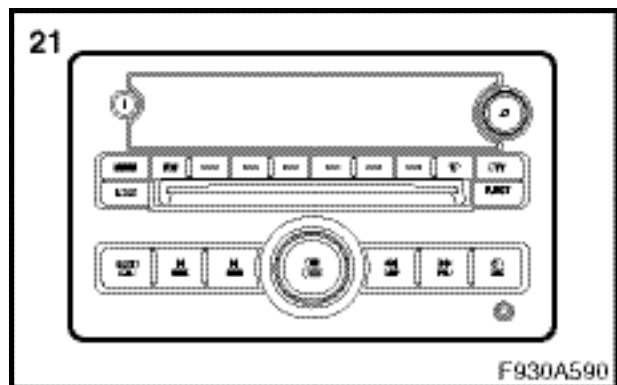
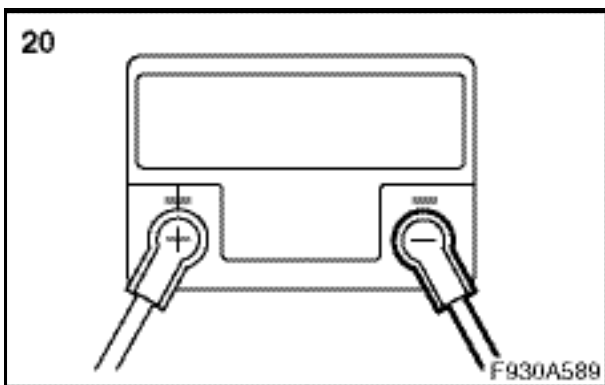
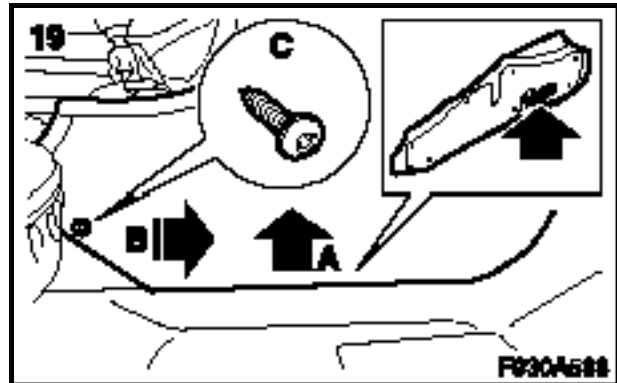
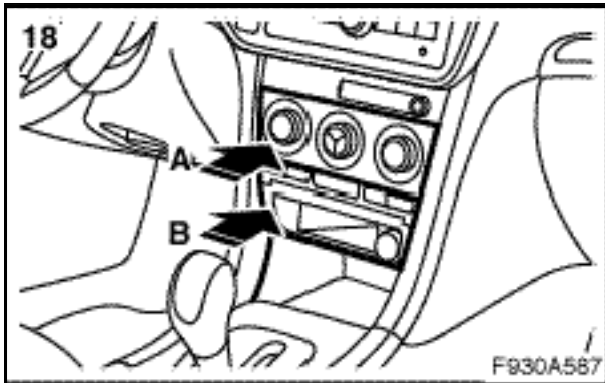
Secure the wiring harness firmly so that there is no risk of rattling.

- 15 Protect the joints by insulating with fabric tape around the wiring harness. Secure the wiring harness.

Important

Secure the wiring harness firmly so that there is no risk of rattling.

- 16 Plug in the radio head unit connectors (C+D), fit the radio unit (B), and fit the retaining screws (A).
- 17 Fit the air vent.



18 Fit the ACC unit (A) and the storage compartment/ashtray (B).

19 Fit the floor console's front side protection.

20 Connect the battery negative cable (-).

21 Set the time and date on the audio system's head unit:

Manual setting of audio system without CD changer:

- Press the clock button.
- Press the menu button directly underneath the menu option you wish to change.
- Press the menu button again to increase time or date one increment at a time. You can also adjust time and date by pressing the SEEK, FWD or REV buttons.

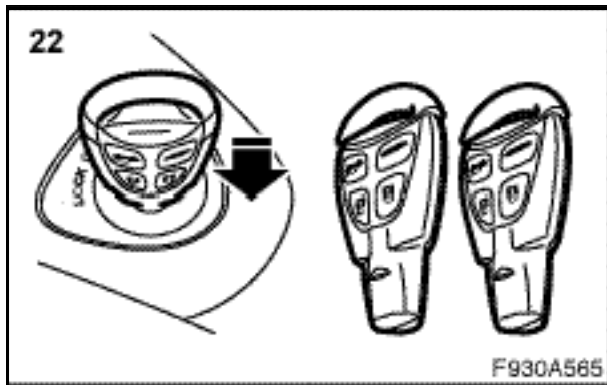
Manual setting of audio system with CD changer:

- Press the MENU button.
- Press the menu button directly underneath the clock symbol in the display.
- Press the menu button directly underneath the menu option you wish to change.
- Press the menu button again to increase time or date one increment at a time. You can also adjust time and date by pressing the SEEK, FWD or REV buttons.

Automatic setting - RDS time:

To obtain RDS time (Clock Time, CT), the reception must be good and the currently tuned station must be transmitting RDS time signals.

- In the clock menu, press the menu button directly underneath the arrow symbol in the display.
- Press the menu button directly underneath RDS time menu option.
- Adjusting the clock now takes place automatically and the display shows: "Adjusting to RDS time...". In the event of poor RDS reception or if there is no time information the display shows: No RDS time available.



- 22 Synchronise the remote control code by inserting the key into the ignition switch.

Important

Repeat this procedure with all keys. Otherwise, the remote controls will not function.

- 23 **Cars with Anti-Pinch** - Learn Anti-Pinch:

WARNING

Anti-Pinch is not active until the power windows have been calibrated following power disconnection.

Note

Only one control module is to be calibrated at a time due to voltage variations.

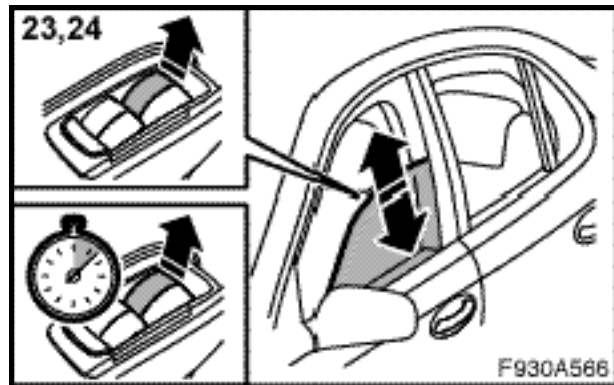
- 23.1 Close the window.

CV: Close the door and the soft top.

- 23.2 Reset the pinch protection by removing and fitting fuse F5 from the instrument panel electrical centre (IPEC). The pinch protection for both door modules is now reset and both front windows can be programmed.

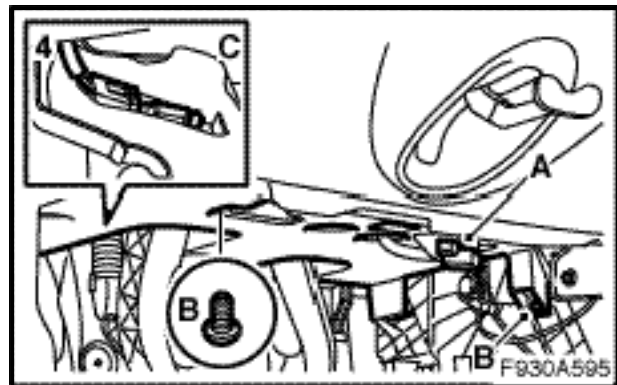
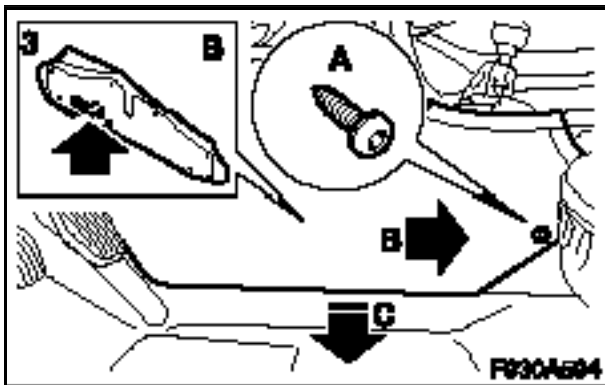
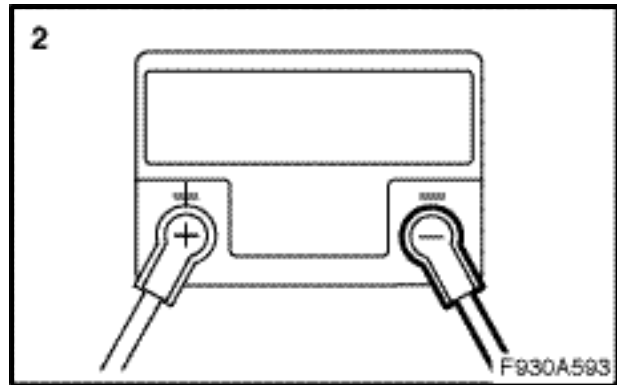
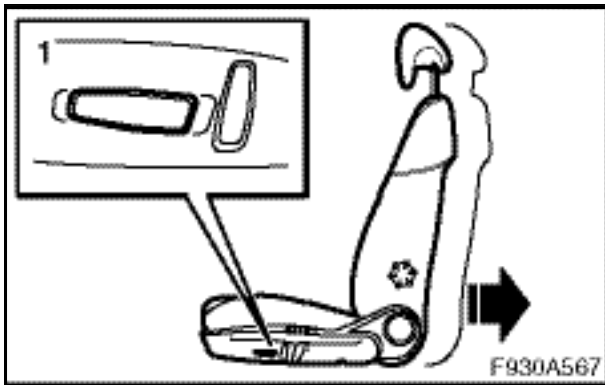
- 23.3 Start the car.

- 23.4 Lower the window fully. Hold the button depressed during the entire operation.

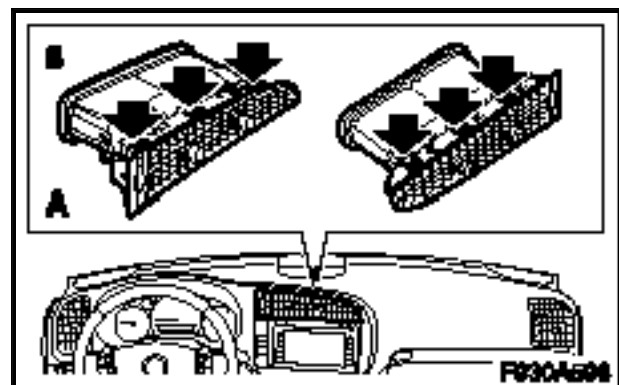
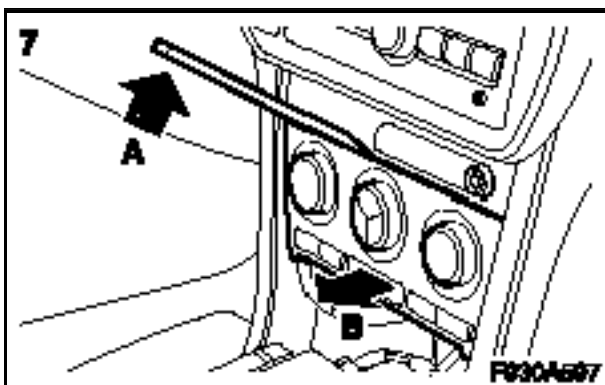
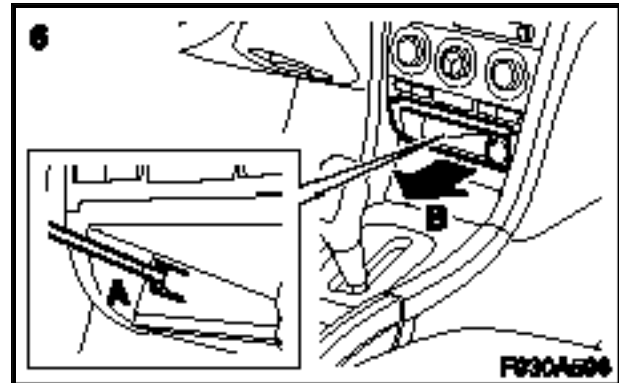
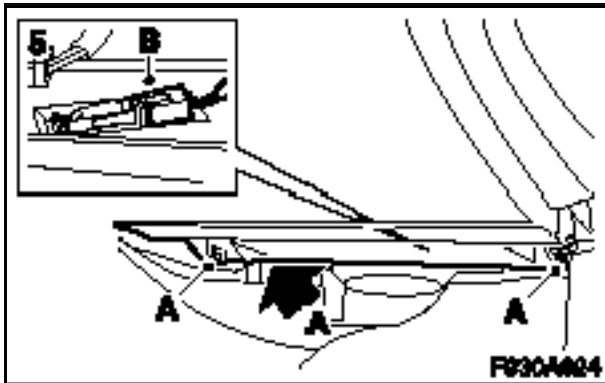


- 23.5 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.
- 23.6 Lower the window fully. Hold the button depressed during the entire operation.
- 23.7 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.
- 23.8 When calibration has been completed an audible confirmation is heard. In the event that no audible confirmation is heard, repeat the procedure.

9-3 M07-, navigation



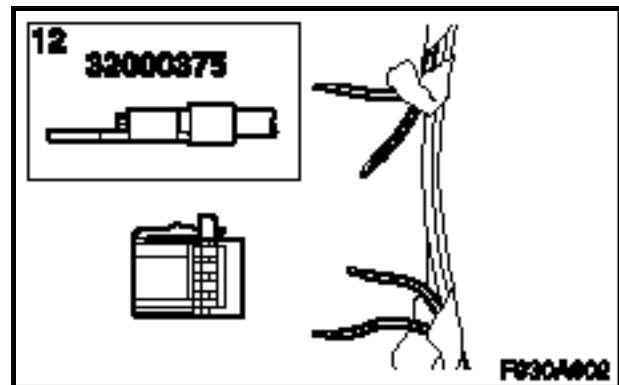
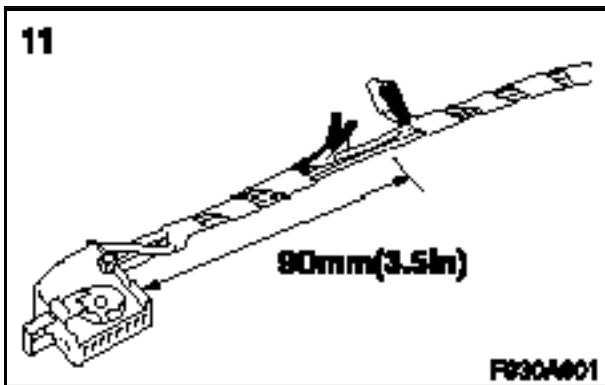
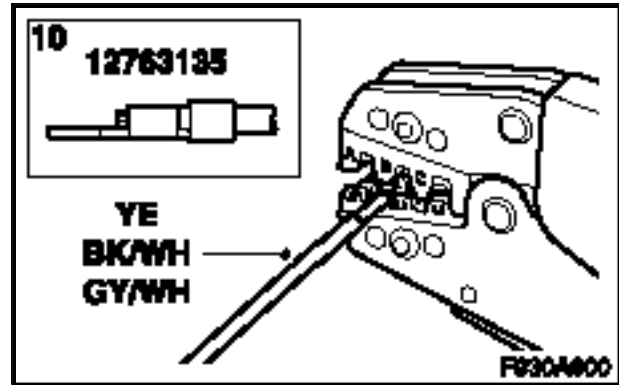
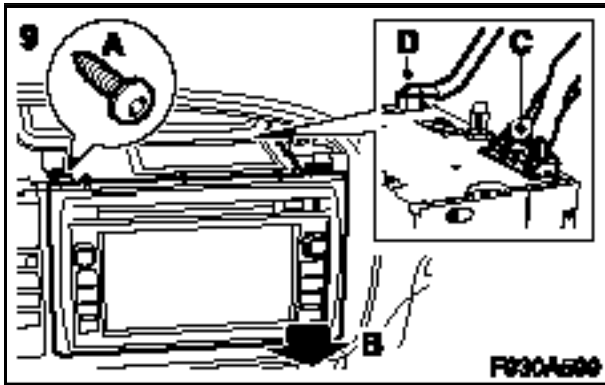
- 1 Move the passenger seat to its rearmost position.
LHD: Move the driver's seat to its rearmost position.
- 2 Disconnect the battery negative cable (-).
- 3 Remove the front floor console side piece on the passenger side.
LHD: Remove the front floor console side piece on the driver's side.
- 4 **LHD:** Remove the data link connector (A), the sound insulation panel (B) and unplug the floor lighting connector (C) on the driver's side.



- 5 **RHD:** Remove the sound insulation panel (A) and the floor lighting (B) on the passenger side.
- 6 Remove the storage compartment/ashtray using a screwdriver.
- 7 Remove the ACC unit.
- 8 Remove the centre air vent in the dashboard by carefully bending in the hooks (A) accessible through the grille.

Important

Take care to bend the correct hooks (A). Hooks holding together the air vents are also visible behind the grille.



9 Remove the retaining screws (A), lift out the navigation unit (B), unplug the connectors (C) and disconnect the antenna cable (D).

12 Plug in the connector (12 789 432) to the adapter harness:

12.1 Crimp the cable terminals (32 000 375) on the cable ends.

12.2 Connect:

GY/WH -> 1 (to the connector)

BK/WH -> 2 (to the connector)

GY/WH -> 3

BK/WH -> 4.

Important

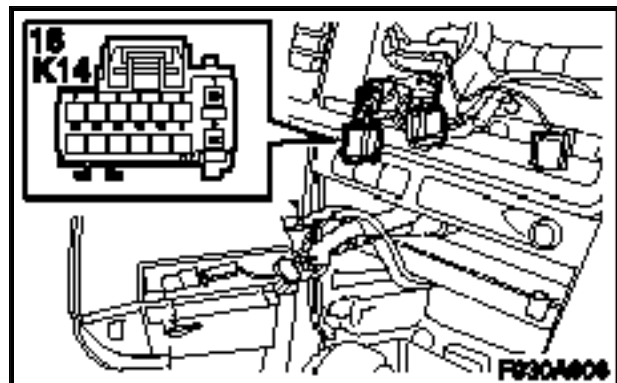
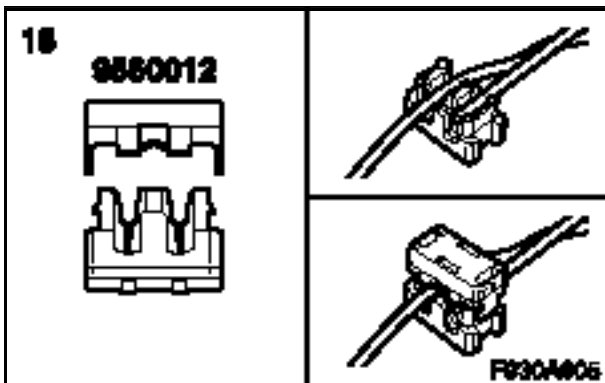
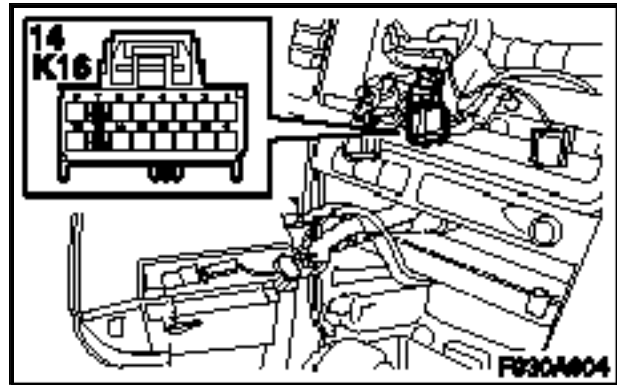
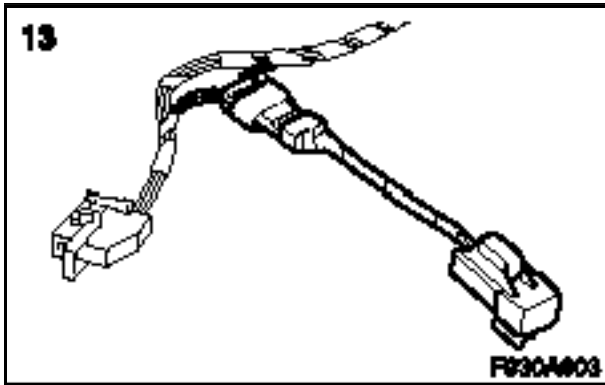
Exercise caution when the connector locking catch is detached to avoid damaging the connector. Pull the connector straight out when it is unplugged, to avoid bending the pins.

10 Crimp the cable terminals (32 000 375) to the black/white (BK/WH), grey/white (GY/WH) and yellow (YE) cable ends on the adapter harness.

Important

It is very important that the correct recess in the pliers is used. Check that the cable terminal is firmly secured.

11 Cut several centimetres of the tape approx. 90 mm (3.5 in) from the connector on the adapter harness. Cut the grey/white (GY/WH) and black/white (BK/WH) cable approx. 90 mm (3.5 in) from the connector.

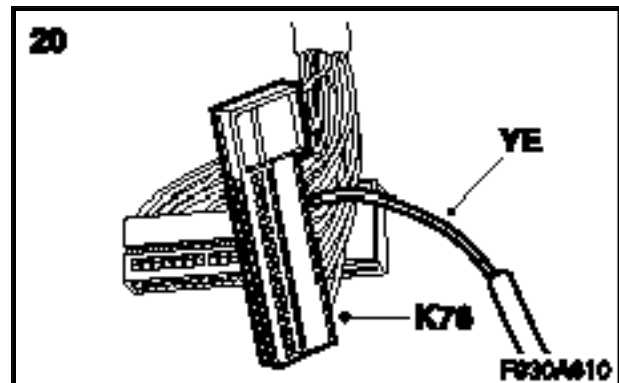
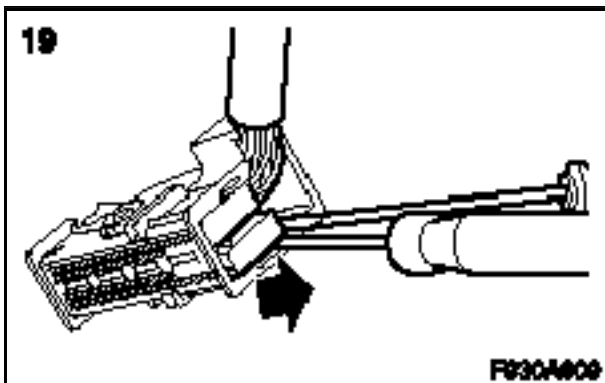
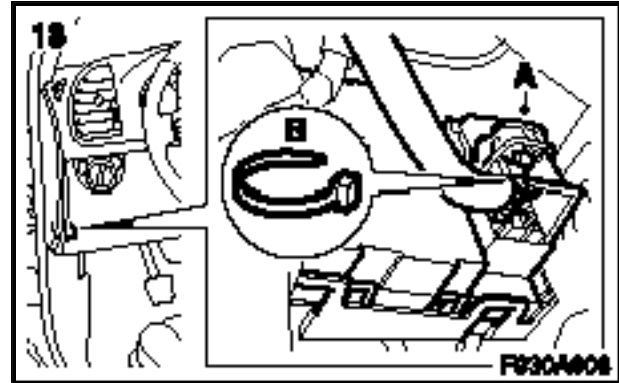
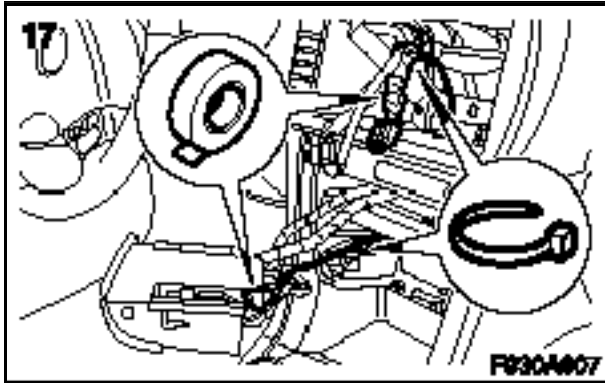


- 13 Plug in the voltage converter (12 769 716) to the adapter harness.
- 14 Connect the adapter harness to the car:
- 14.1GY/WH -> K16 pos 7 (line out)
 - 14.2BK/WH -> K16 pos 15 (line gnd)
- 15 Splicing the wiring harness.

Important

In order to avoid damaging the wiring harness when splicing, the joining sleeve must only be clamped in once.

- 16 Connect the adapter harness to the car using joining sleeves:
- RD -> K14 pos 1 (+30)
 - BK -> K14 pos 8 (gnd)
 - RD/BU -> 12 V socket BU/VT (+15)

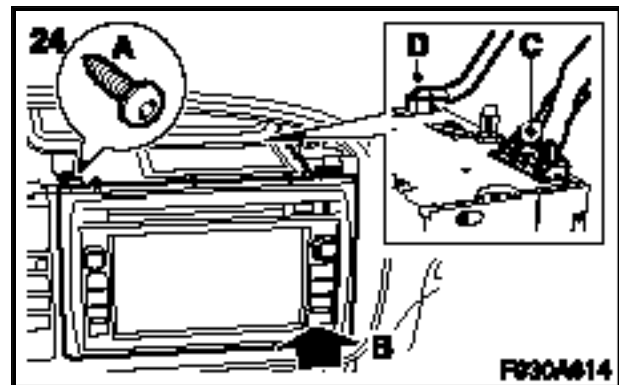
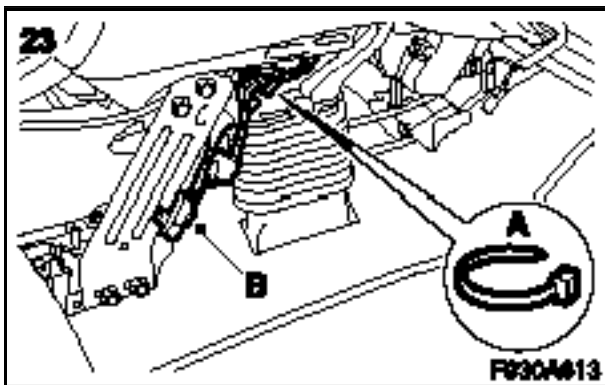
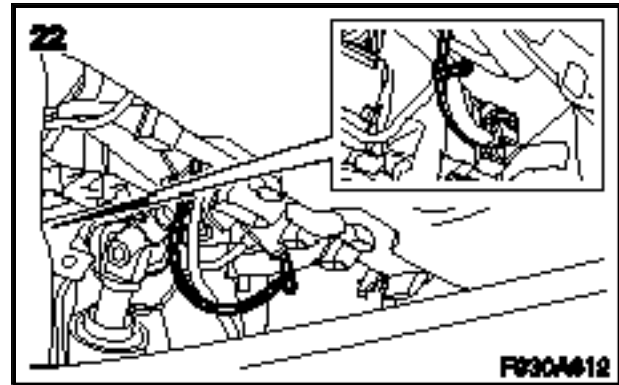
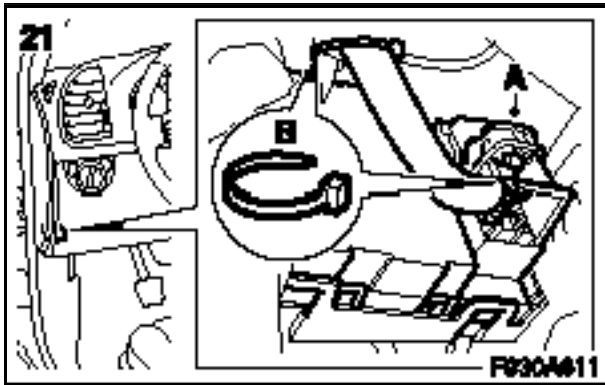


- 17 Fit the adapter harness connector adjacent to the centre console support to the passenger side. Protect the joints by insulating with fabric tape around the wiring harness and secure the wiring harnesses.

Important

Secure the wiring harness firmly so that there is no risk of rattling.

- 18 Fold up the catch (A), cut the cable tie (B) and remove the BCM plug.
- 19 Unplug the connector from the plug, prize apart and pull out.
- 20 Connect the yellow (YE) cable from the adapter harness to the BCM K78 (grey connector) pos 36 (mute).



- 21 Plug in the connectors to the plug, connect the plug (A) and secure with cable ties (B).

Important

Secure the wiring harness firmly so that there is no risk of rattling.

- 22 Secure the adapter harness with cable ties.

Important

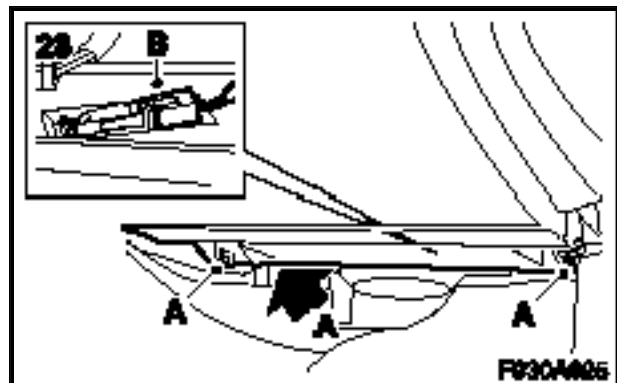
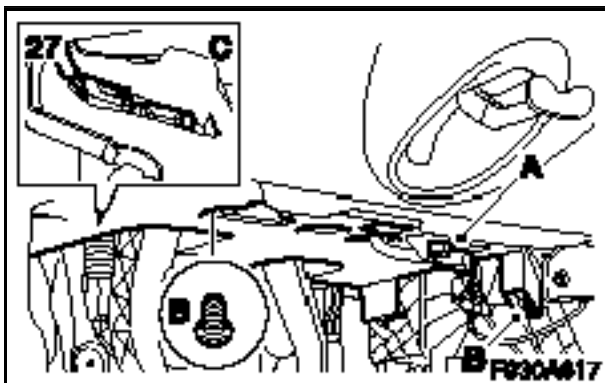
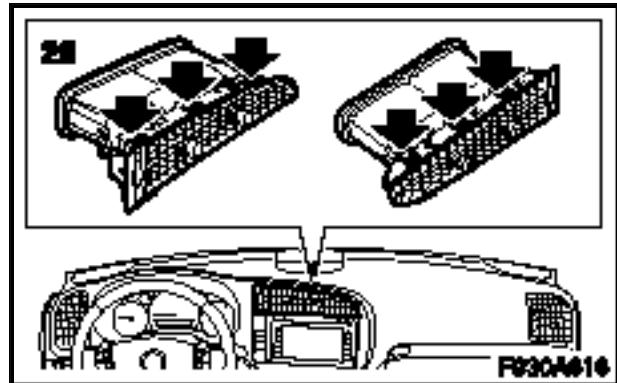
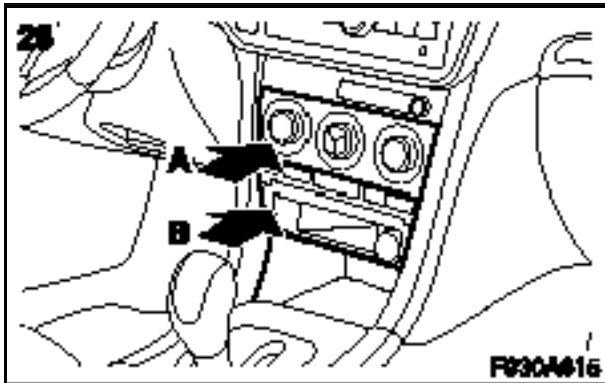
Secure the wiring harness firmly so that there is no risk of rattling.

- 23 Fit the adapter harness to the centre console to the passenger side. Secure with cable tie (A) and the clip (B).

Important

Secure the wiring harness firmly so that there is no risk of rattling.

- 24 Plug in the radio head unit connectors (C+D), fit the navigation unit (B), and fit the retaining screws (A).

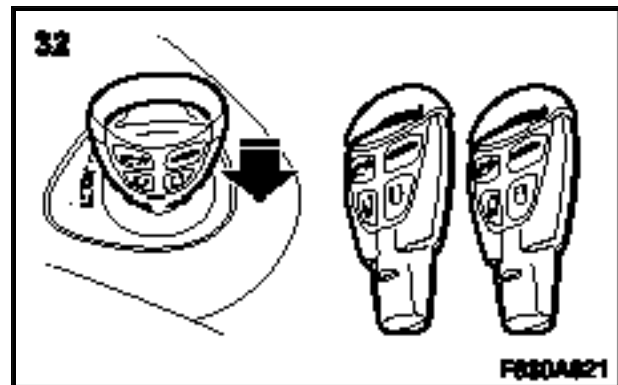
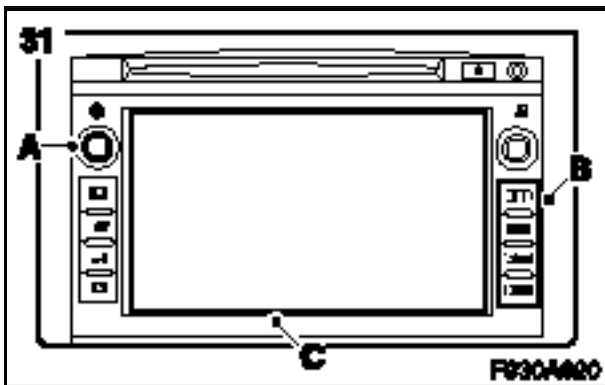
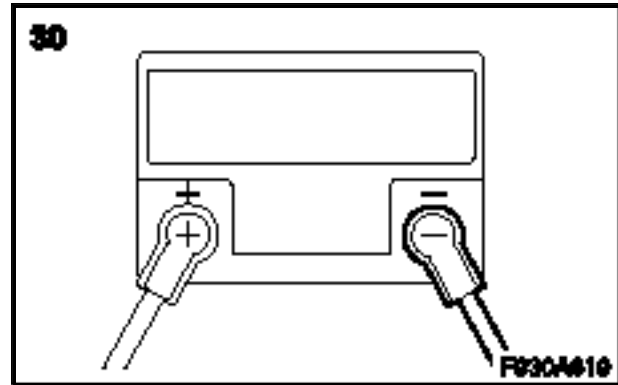
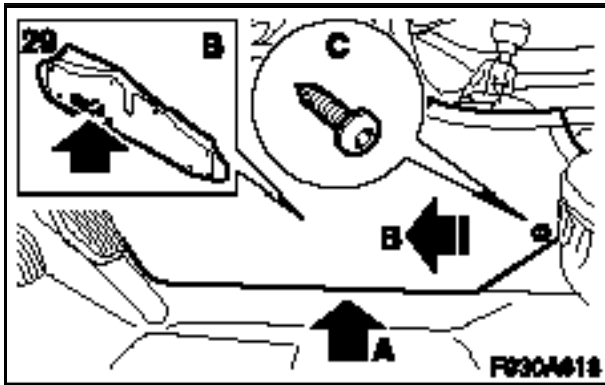


25 Fit the ACC unit (A) and the storage compartment/ashtray (B).

26 Fit the air vent.

27 **LHD:** Plug in the floor lighting connector (C), fit the sound insulation panel (B) and the data link connector (A).

28 **RHD:** Plug in the floor lighting connector (B) and fit the sound insulation panel (A).



29 Fit the floor console's side piece.

30 Connect the battery negative cable (-)

31 Set the time:

Note

This unit has a touch-panel and only displays time. The navigation system receives the correct date via a GPS signal. The date is used by other car functions, e.g. service, and is not shown in the display.

31.1 Ignition in ON position.

31.2 Switch on the audio system (A).

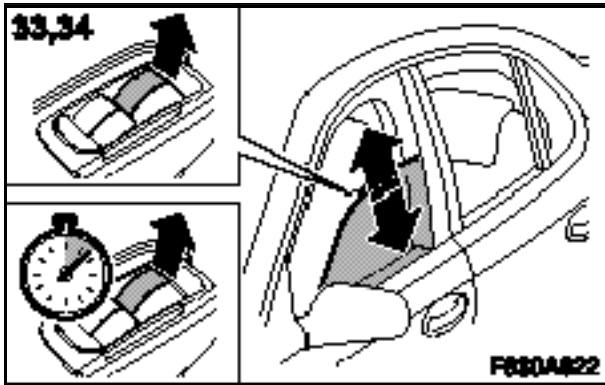
31.3 Press MENU (B) until the tab for the clock is activated.

31.4 Select RDS time or manual setting on the touch screen (C). To obtain RDS time (Clock Time, CT), the reception must be good and the currently tuned station must be transmitting RDS time signals.

32 Synchronise the remote control code by inserting the key into the ignition switch.

Important

Repeat this procedure with all keys. Otherwise, the remote controls will not function.



33 Cars with Anti-Pinch - Learn Anti-Pinch:

WARNING

Anti-Pinch is not active until the power windows have been calibrated following power disconnection.

Note

Only one control module is to be calibrated at a time due to voltage variations.

33.1 Close the window.

CV: Close the door and the soft top.

33.2 Reset the pinch protection by removing and fitting fuse F5 from the instrument panel electrical centre (IPEC). The pinch protection for both door modules is now reset and both front windows can be programmed.

33.3 Start the car.

33.4 Lower the window fully. Hold the button depressed during the entire operation.

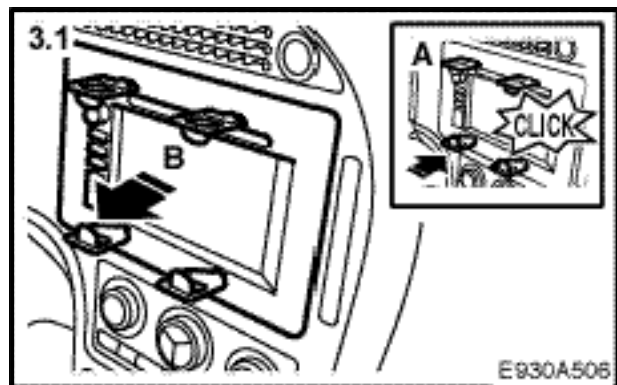
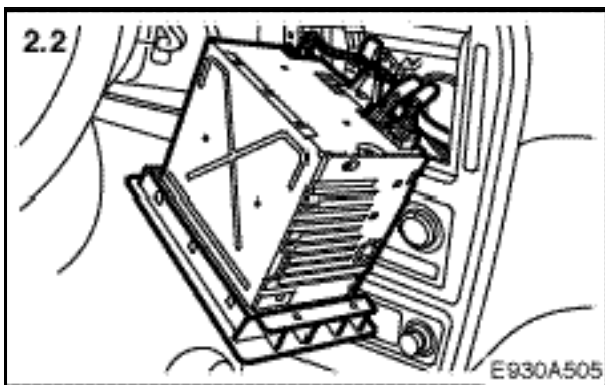
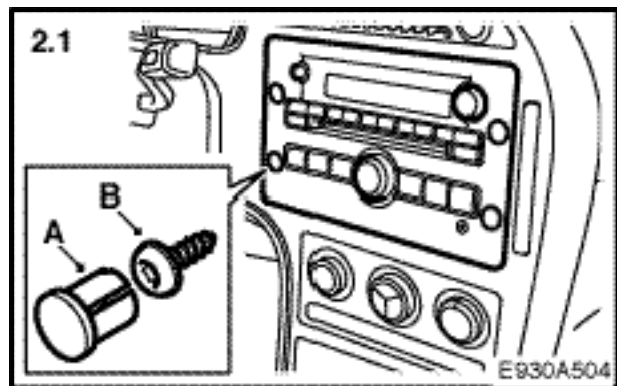
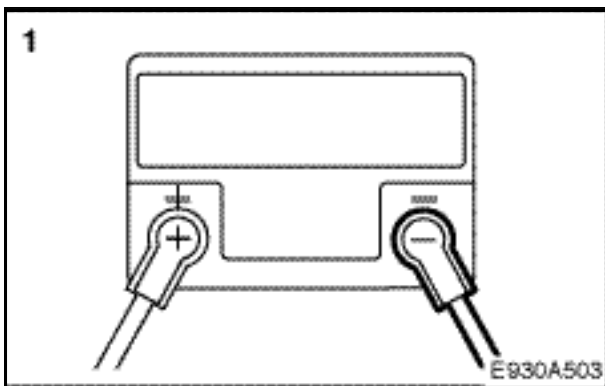
33.5 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.

33.6 Lower the window fully. Hold the button depressed during the entire operation.

33.7 Raise the window fully. Hold the button up during the entire operation. Wait for at least 1 second when the window is in the top position.

33.8 When calibration has been completed an audible confirmation is heard. In the event that no audible confirmation is heard, repeat the procedure.

9-5 M06-, radio/navigation



1 Disconnect the battery negative cable (-)

2 Cars with radio:

2.1 Remove the plugs (A) and the screws (B).

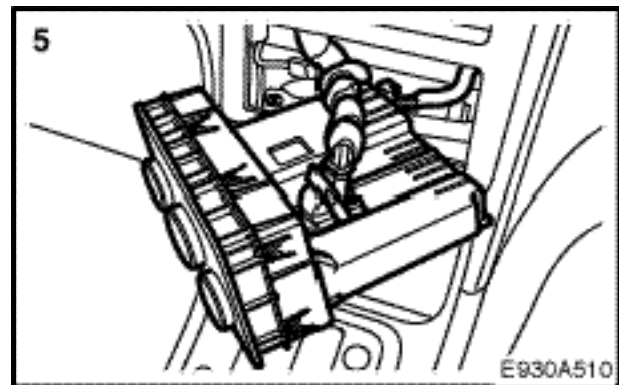
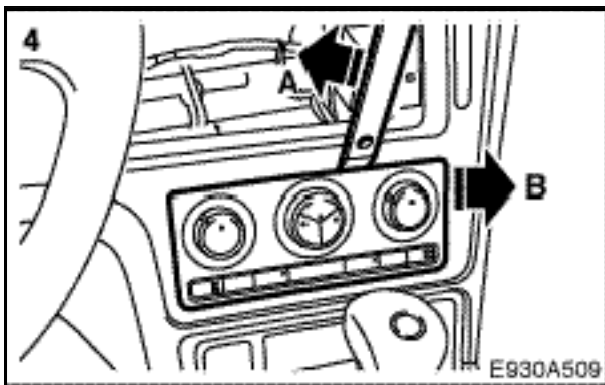
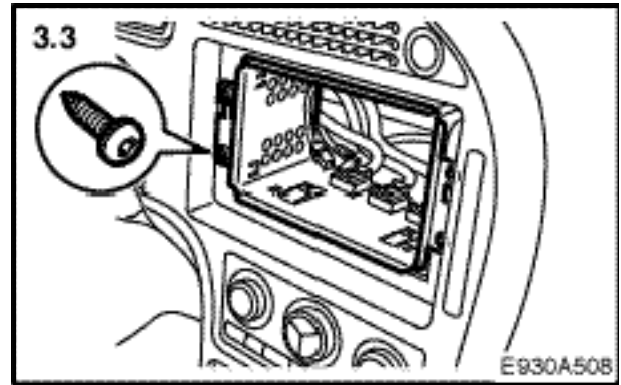
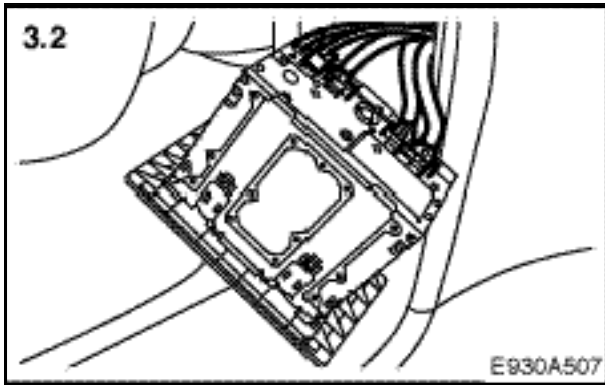
Important

Remove the plugs by affixing tape for example onto each plug and then pulling it out.

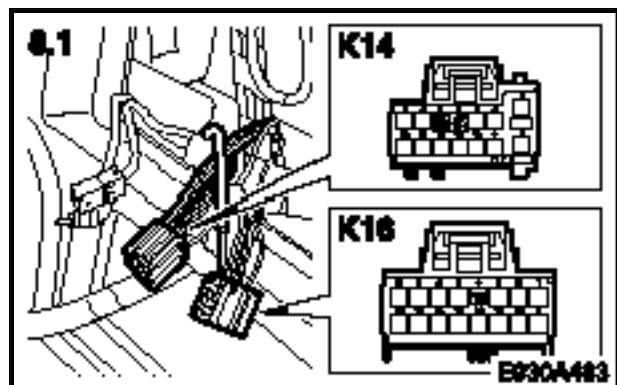
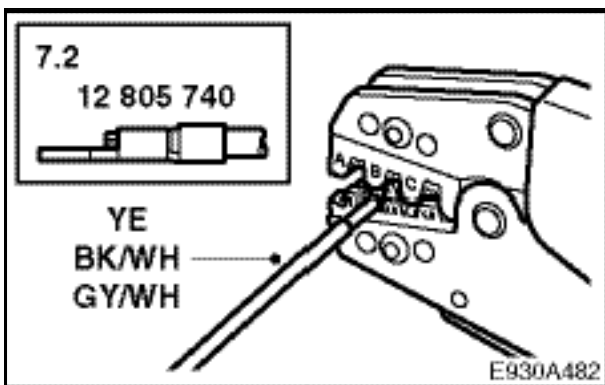
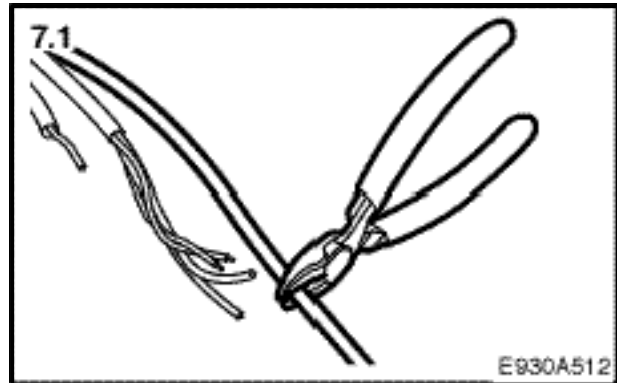
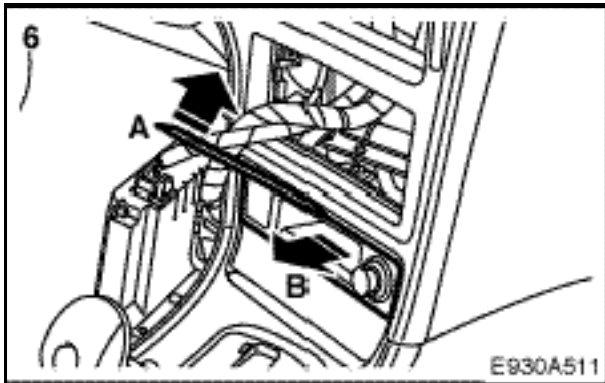
2.2 Lift out the radio and unplug the connectors and disconnect the antenna connection.

3 Cars with navigation:

3.1 Press in the special tools until they engage. Pull out the navigation unit using the tool handles.



- 3.2 Unplug the navigation unit's connectors.
- 3.3 Remove the compartment.
- 4 Remove the ACC unit.
- 5 Unplug the ACC unit connectors.



6 Remove the ashtray/storage compartment.

7 Prepare adapter harness:

Important

Check that the cable terminal is firmly secured.

7.1 Cut the yellow (YE) cable to the same length as other cables in the adapter harness (A). Cut the sheathing approx. 5 cm and strip the cable end.

7.2 Connect the cable terminals (12 805 740) to the yellow (YE), black/white (BK/WH) and grey/white (GY/WH) cable ends on the adapter harness.

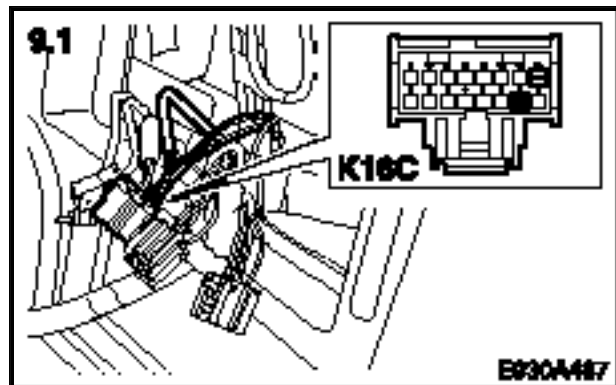
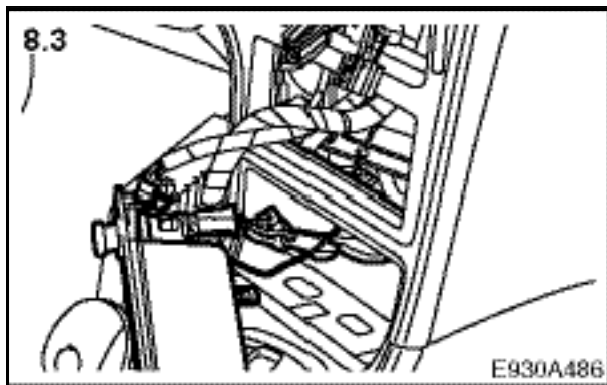
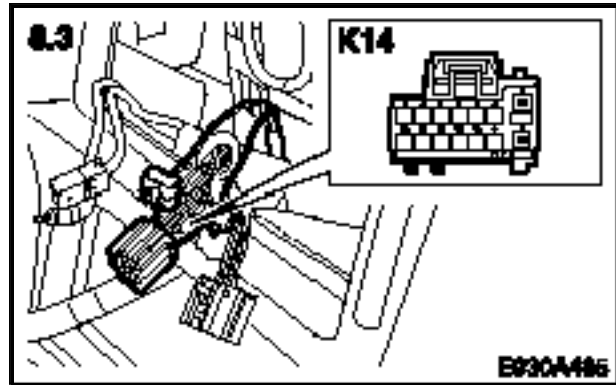
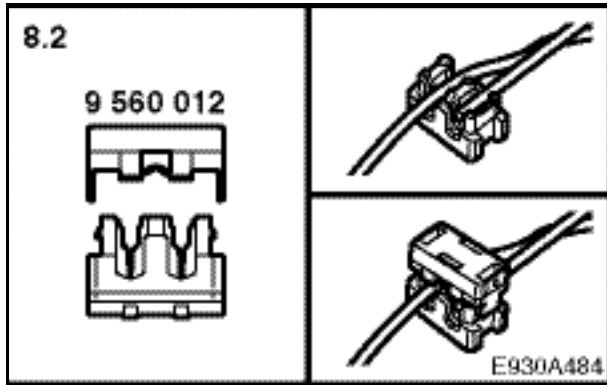
8 **Cars with radio:** Connect the adapter harness to the car:

8.1 Connect with cable terminals:

Yellow (YE) -> K16 pos 4 (mute)

Grey/white (GY/WH) -> K14 pos 4 (line out)

Black/white (BK/WH) -> K14 pos 5 (line ground)



8.2 Splicing the wiring harness.

Important

In order to avoid damaging the wiring harness when splicing, the joining sleeve must only be clamped in once.

8.3 Connect the adapter harness with joining sleeves:

Red (RD) -> K14 pos 1 (+30)

Black (BK) -> K14 pos 8 (ground)

Red/blue (RD/BU) -> 12 V socket brown (BN) (+15)

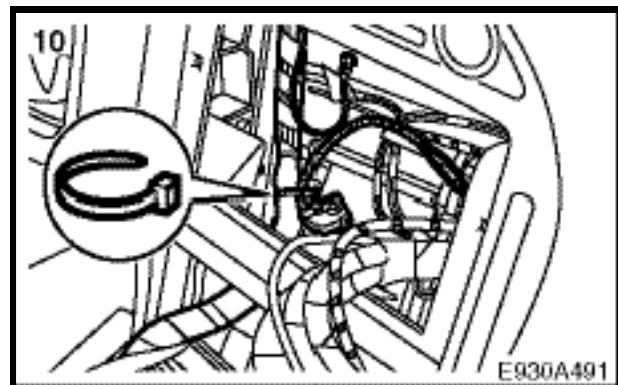
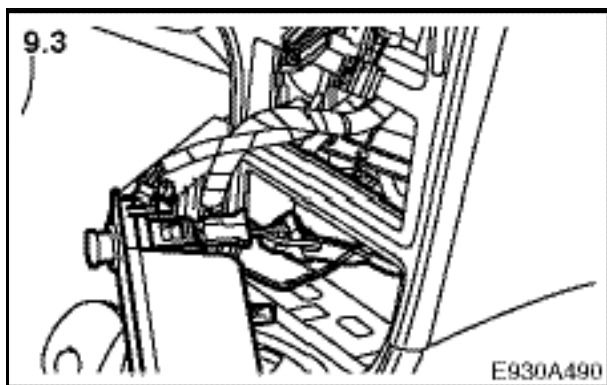
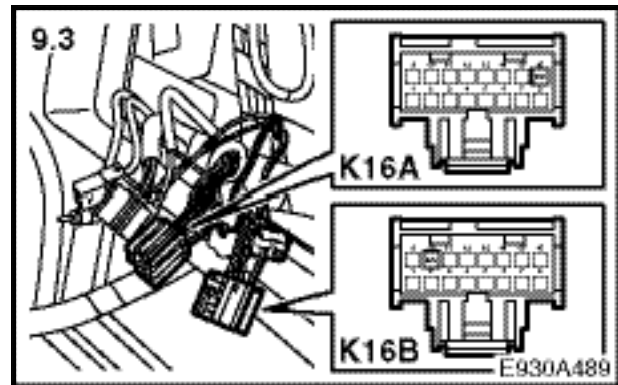
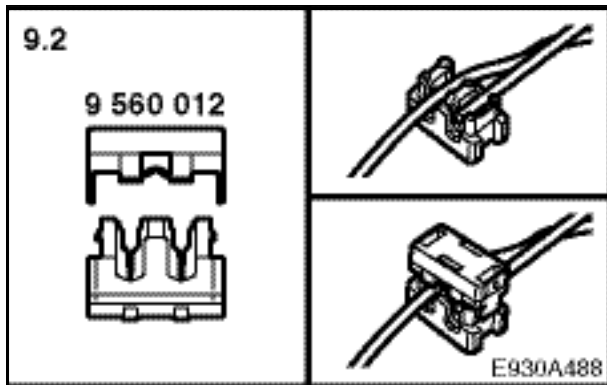
9 **Cars with navigation:** Connect the adapter harness to the car:

9.1 Connect with cable terminals:

Black/white (BK/WH) -> K16C pos 7 (line ground)

Grey/white (GY/WH) -> K14 pos 4 (line out)

Yellow (YE) -> K16C pos 16 (mute)



9.2 Splicing the wiring harness.

Important

In order to avoid damaging the wiring harness when splicing, the joining sleeve must only be clamped in once.

9.3 Connect the adapter harness with joining sleeves:

Red (RD) -> K16A pos 16 (+30)

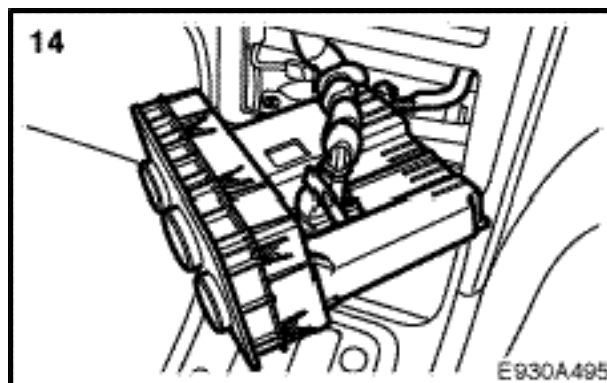
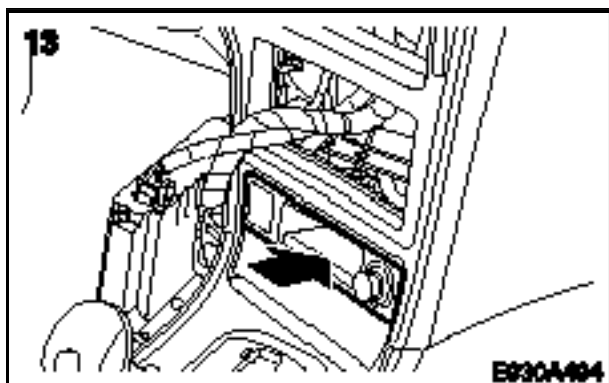
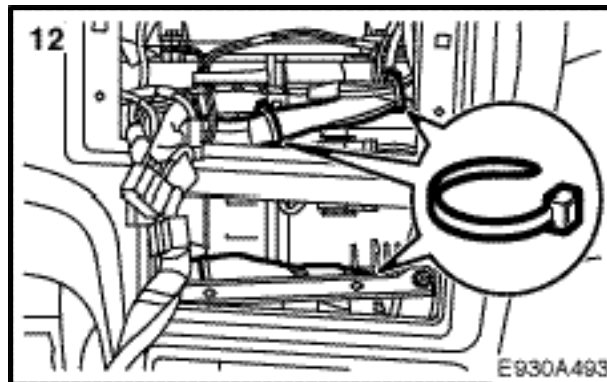
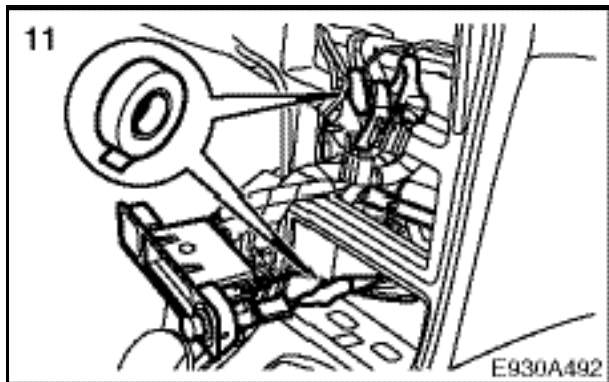
Black (BK) -> K16B pos 10 (ground)

Red/blue (RD/BU) -> 12 V socket brown (BN) (+15)

10 Secure the adapter harness connector with a cable tie.

Important

Secure the wiring harness firmly so that there is no risk of rattling.



11 Protect the joints by insulating with fabric tape around the wiring harness.

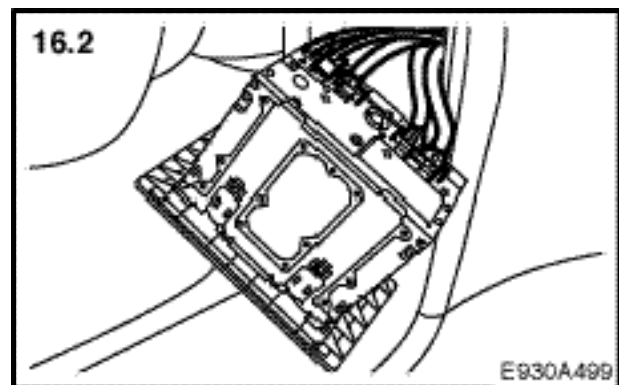
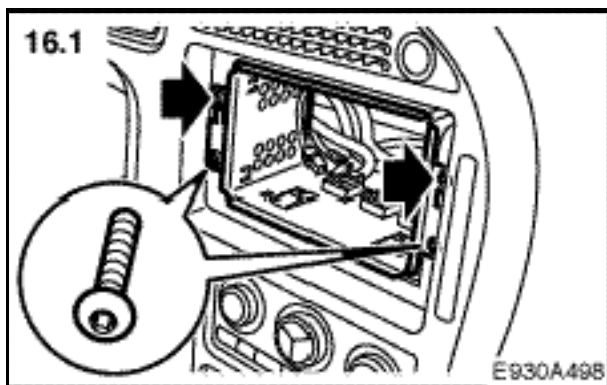
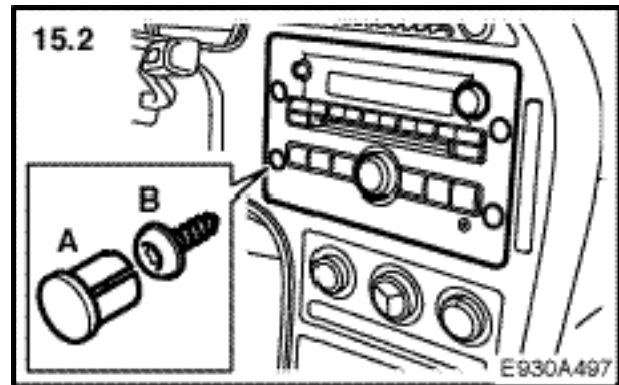
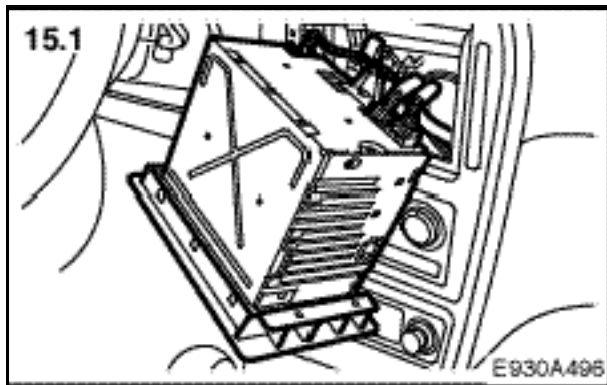
12 Secure the wiring and any excess.

Important

Secure the wiring harness firmly so that there is no risk of rattling.

13 Fit the ashtray/storage compartment.

14 Plug in the connectors and fit the ACC unit.



15 Cars with radio:

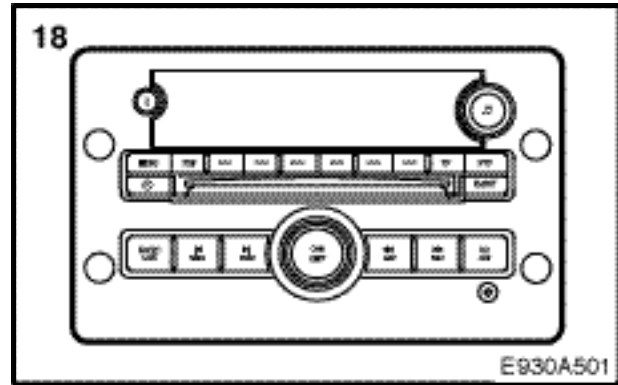
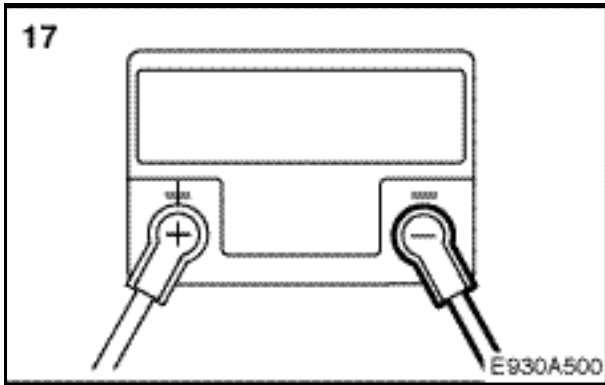
15.1 Plug in the radio unit's connectors, connect the antenna connection and insert the unit.

15.2 Fit the screws (B) and the plugs (A).

16 Cars with navigation:

16.1 Fit the compartment.

16.2 Plug in the navigation unit's connectors, connect the antenna connection and insert the unit.



17 Connect the battery negative cable (-).

18 Set the time and date on the audio/navigation system's head unit:

Manual setting of audio system without CD changer:

- Press the clock button.
- Press the menu button directly underneath the menu option you wish to change.
- Press the menu button again to increase time or date one increment at a time. You can also adjust time and date by pressing the SEEK, FWD or REV buttons.

Manual setting of audio system with CD changer:

- Press the MENU button.
- Press the menu button directly underneath the clock symbol in the display.
- Press the menu button directly underneath the menu option you wish to change.
- Press the menu button again to increase time or date one increment at a time. You can also adjust time and date by pressing the SEEK, FWD or REV buttons.

Automatic setting - RDS time:

To obtain RDS time (Clock Time, CT), the reception must be good and the currently tuned station must be transmitting RDS time signals.

- In the clock menu, press the menu button directly underneath the arrow symbol in the display.

- Press the menu button directly underneath RDS time menu option.

- Adjusting the clock now takes place automatically and the display shows: "Adjusting to RDS time...". In the event of poor RDS reception or if there is no time information the display shows: No RDS time available.

Audio system with navigation:

Normally the navigation system receives the correct time and date via GPS signals.

- Press the button indicating time at the top right of the screen to display today's date for 5 seconds.

Manual setting:

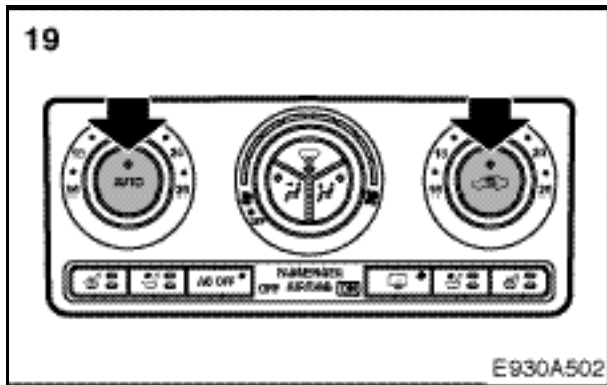
If the GPS time is incorrect or if there is no GPS signal then the time and date can be adjusted manually.

- Hold the button indicating time, at the top right of the screen, depressed for more than 2 seconds to switch to the menu for setting time.

- Adjust the time and date.

Important

If the battery is disconnected or has been disconnected, time will not be displayed until the audio system has received GPS signals from a satellite. The clock cannot be set manually either.



19 Calibrate the ACC system:

19.1 Start the engine.

Press in the AUTO and REC buttons until the message "ACC: CALIBR. STARTED" is shown in the main instrument unit's display. Calibration takes approx. 20 seconds.