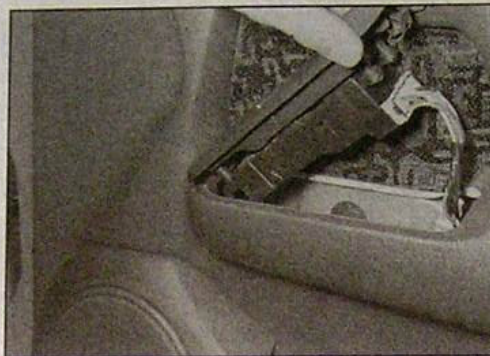


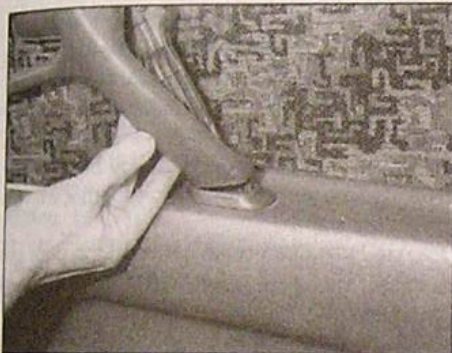
12.3 Prise up the rear of the electric window switch panel ...



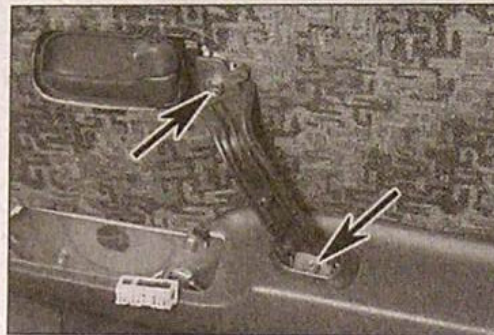
12.4 ... then lift the switch panel up at the rear and disengage the front locating tag



12.5a Prise the upper part of the interior door handle surround from the door panel ...



12.5b ... then lift it up to disengage the lower location



12.6 Undo the two bolts (arrowed) securing the door pull handle and trim panel to the door



12.7a Release the securing clips at the edge of the panel ...

2 On models with manual windows, use a length of bent wire to hook out the regulator handle wire clip (pass the wire down behind the handle, and press back the plastic trim plate) until the handle can be withdrawn.



12.7b ... then lift the trim panel upwards to release the upper edge

Recover the plastic trim plate.

3 On models with electric windows, carefully prise up the rear of the electric window switch panel to release the retaining clip (see illustration).

4 Lift the electric window switch panel up at the rear and disengage the front locating tag (see illustration). Disconnect the switch wiring and remove the switch panel.

5 Carefully prise the upper part of the interior door handle surround from the door panel, then lift it up to disengage the lower location (see illustrations).

6 Undo the two bolts now exposed, securing the door pull handle and trim panel to the door (see illustration).

7 Using a suitable forked tool, release the securing clips at the edge of the panel, then lift the trim panel upwards to release the upper edge (see illustrations). Lift the panel up and off the door.

8 If work is to be carried out on the door internal components, it will be necessary to remove the plastic sealing sheet and stiffener panel from the inside of the door, as follows.

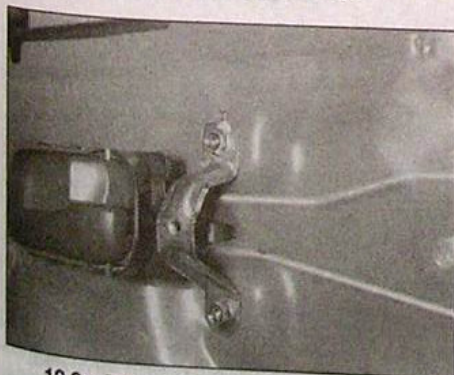
9 Undo the bolts and remove the two trim panel mounting brackets from the door (see illustrations). Note the orientation of the two brackets to ensure correct refitting.

10 Carefully pull the plastic sealing sheet from the door (see illustration). Try to keep the sealant intact as far as possible, to ease refitting.

11 Undo the four bolts and remove the stiffener panel from the door aperture (see illustration). Where applicable, release the wiring from the clip at the rear of the panel.

### Removal (passenger's door)

12 On models with manual windows the procedure is the same as described previously for the driver's door.



12.9a Trim panel upper mounting bracket ...



12.9b ... and lower mounting bracket



12.10 Carefully pull the plastic sealing sheet from the door

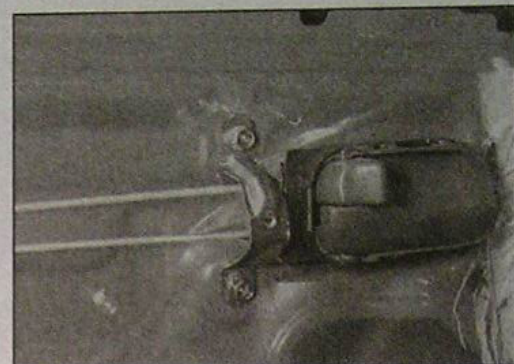




12.23a Release the securing clips at the edge of the panel ...



12.23b ... then lift the trim panel upwards to release the upper edge



12.25a Trim panel upper mounting bracket ...

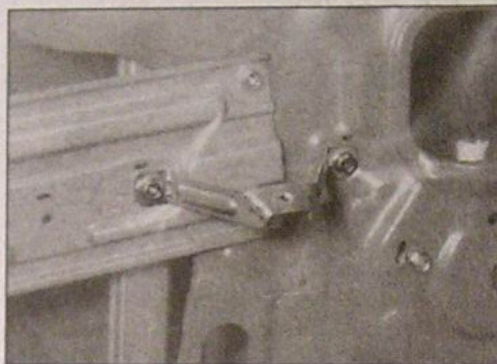
25 Undo the bolts and remove the two trim panel mounting brackets from the door (see illustrations). Note the orientation of the two brackets to ensure correct refitting.

26 Carefully pull the plastic sealing sheet from the door (see illustration). Try to keep the sealant intact as far as possible, to ease refitting.

27 Undo the four bolts and remove the stiffener panel from the door aperture.

#### Refitting

28 Refitting is a reversal of removal, but ensure that the sealing sheet is correctly refitted, and sealed around its edge. It should be possible to use the original mastic sealant, but if necessary, new sealant can be obtained from a Nissan dealer.



12.25b ... and lower mounting bracket



12.26 Carefully pull the plastic sealing sheet from the door

### 13 Door handle and lock components - removal and refitting

#### Interior door handle

##### Removal

1 Remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

2 Release the plastic clip securing the lock operating rods to the door panel (see illustration).

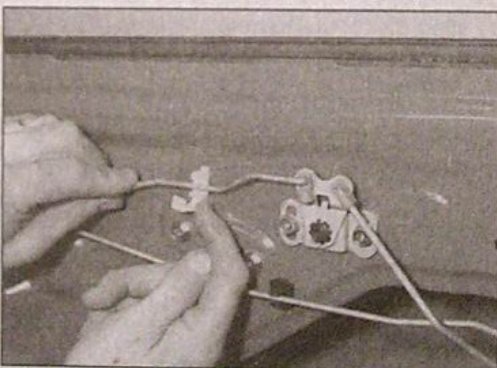
3 Release the clip retainers and disconnect the ends of the operating rods from the door lock and/or bellcrank.

4 Using a small screwdriver, carefully disengage the handle inner trim retaining clips and remove the trim (see illustration).

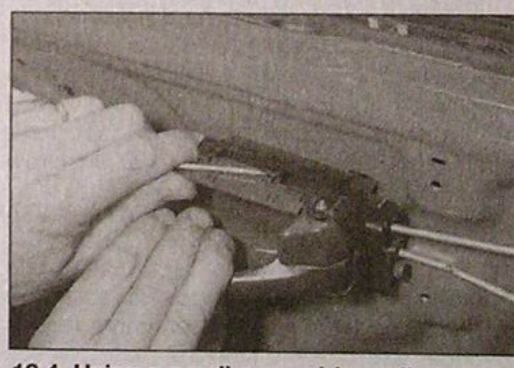
5 Undo the bolt now exposed securing the handle to the door (see illustration).

6 Slide the handle towards the rear of the door to release the three rear securing lugs (see illustration).

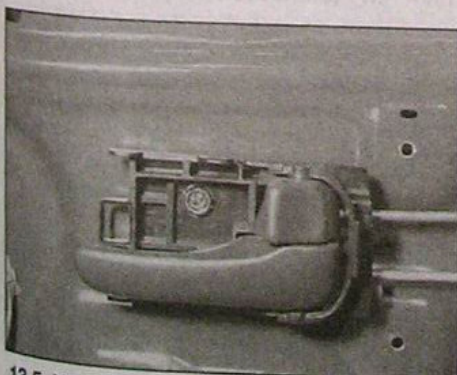
7 Withdraw the handle assembly complete with operating rods from the door (see illustration).



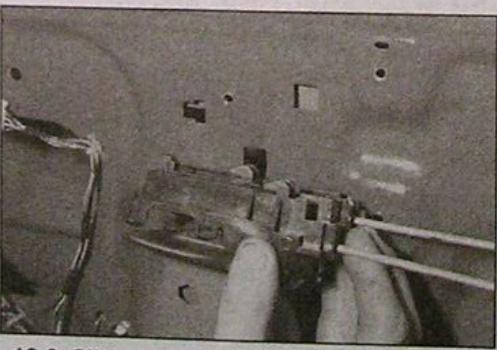
13.2 Release the plastic clip securing the lock operating rods to the door panel



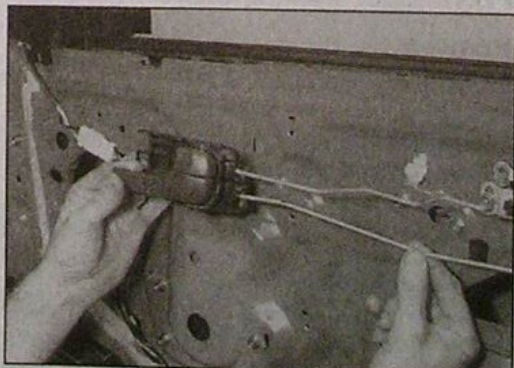
13.4 Using a small screwdriver, disengage the handle inner trim retaining clips and remove the trim



13.5 Undo the bolt now exposed securing the handle to the door

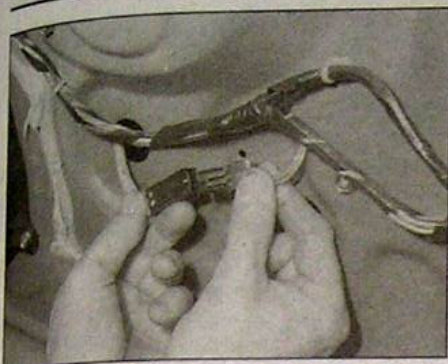


13.6 Slide the handle towards the rear of the door to release the three rear securing lugs

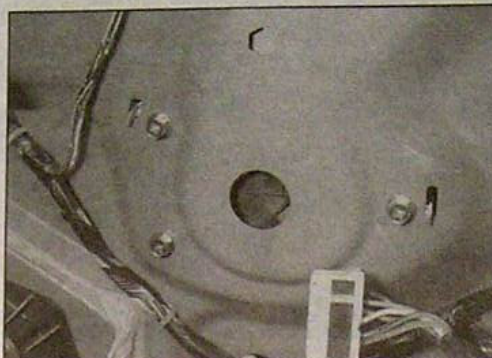


13.7 Withdraw the handle assembly and operating rods from the door

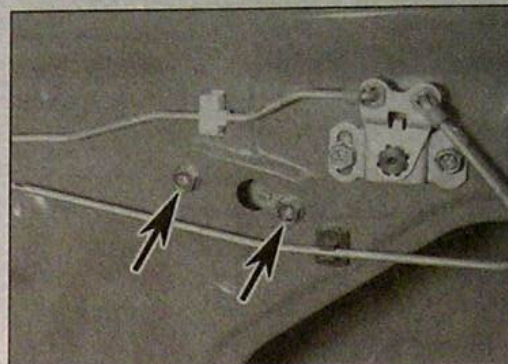




14.9 Separate the two halves of the regulator motor wiring connector



14.10 Unscrew the three bolts securing the motor assembly to the door



14.11a Unscrew the two upper (arrowed) ...

### Refitting

6 Refitting is a reversal of removal, bearing in mind the following points:

- a) Take care not to dislodge the weatherstrips when fitting the glass.
- b) Check the operation of the window mechanism before refitting the door inner trim panel.
- c) Refit the door stiffener panel, plastic sealing sheet and inner trim panel as described in Section 12.

### Front door window regulator

#### Removal

7 Proceed as described in paragraphs 1 to 4.  
8 Fully raise the window glass, and secure the glass in position using suitable tape, or by wedging the glass in position using rags between the glass and the edge of the door - ensure that the glass cannot drop into the door. Alternatively, lift the glass panel out through the window aperture.

9 Where applicable, separate the two halves of the regulator motor wiring connector (see illustration).

10 Unscrew the three bolts securing the motor assembly to the door (see illustration).

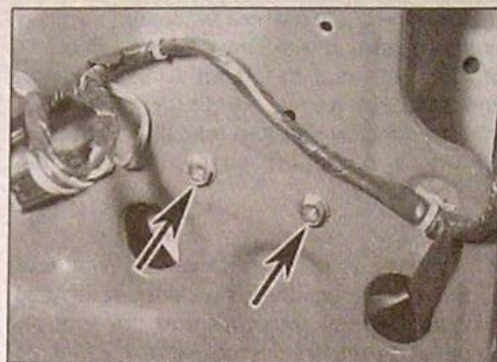
11 Unscrew the two upper and the two lower regulator mechanism securing bolts, then manipulate the complete motor/regulator assembly out through the aperture in the door (see illustrations).

#### Refitting

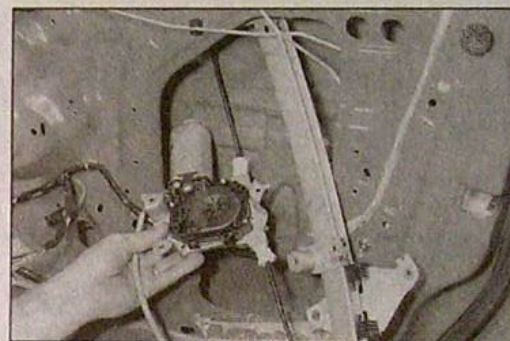
12 Refer to paragraph 6.



14.15 Pull the weatherstrip from the top rear corner of the window aperture and pull it up and out of the rear guide channel



14.11b ... and the two lower (arrowed) regulator mechanism securing bolts ...



14.11c ... then manipulate the motor/regulator assembly out through the aperture in the door

### Rear door sliding window glass

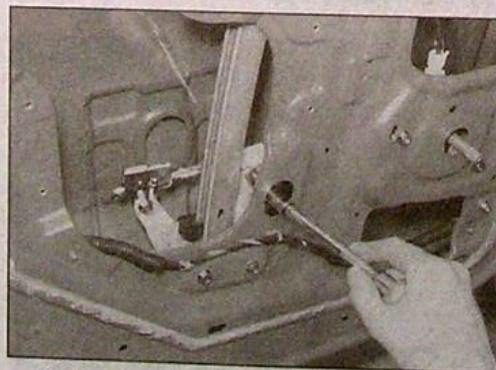
#### Removal

13 Remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

14 Temporarily reconnect the electric window switch and the battery negative terminal, or refit the window regulator handle, as applicable, then fully lower the window glass.

15 Carefully pull the weatherstrip from the top rear corner of the window aperture and pull it up and out of the rear guide channel (see illustration).

16 Unscrew the two bolts securing the lower edge of the window glass to the regulator mechanism, then carefully manipulate the glass out through the inside of the window aperture (see illustrations).



14.16a Unscrew the two bolts securing the lower edge of the window glass to the regulator mechanism ...

#### Refitting

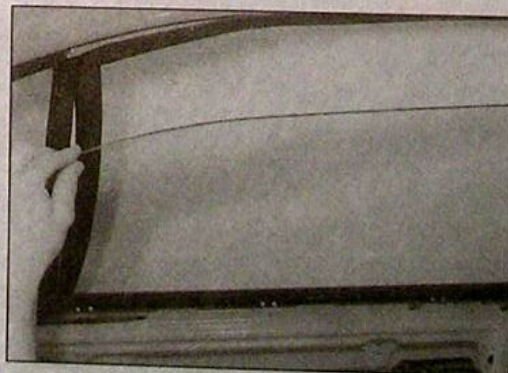
17 Refitting is a reversal of removal, bearing in mind the following points:

- a) Ensure that the weatherstrip is correctly refitted to the window aperture and rear guide channel.
- b) Check the operation of the window mechanism before refitting the door inner trim panel.
- c) Refit the door stiffener panel, plastic sealing sheet and inner trim panel as described in Section 12.

### Rear door fixed window glass

#### Removal

18 Remove the sliding window glass, as described previously in this Section.



14.16b ... then manipulate the glass out through the inside of the window aperture



2 Remove the tailgate interior trim panels as described in Section 26.

3 Working inside the tailgate, disconnect the wiring plugs from the luggage compartment light switch (integral with the tailgate lock), the tailgate wiper motor, the heated rear window element, and the rear number plate lights. Also unbolt the earth lead(s). Check for any other wiring connectors which must be disconnected to facilitate tailgate removal.

4 Tie a length of string to the wiring harness(es), then prise the wiring harness grommet(s) from the front corner(s) of the tailgate, and feed the wiring through the aperture in the tailgate. Untie the string from the wiring connector, and leave the string in place in the tailgate, to aid refitting.

5 Remove the tailgate washer nozzle, as described in Chapter 12B, then tie a length of string to the fluid hose, and repeat the procedure carried out on the wiring harness.

6 Have an assistant support the tailgate in the open position.

7 Using a pencil or felt tip pen, mark the outline of each hinge relative to the tailgate, to use as a guide on refitting.

8 On Hatchback models, prise off the spring clips, and pull the upper ends of the support struts from the balljoints on the tailgate.

9 On Estate models, unscrew the upper strut balljoint pins from the tailgate - **do not** attempt to separate the struts from the balljoint pins.

10 Unscrew the bolts securing the hinges to the tailgate, then lift the tailgate from the vehicle.

### Refitting

11 Refitting is a reversal of removal, bearing in mind the following points.

12 Tie the string to the wiring harness(es), and use the string to pull the wiring harness(es) through the aperture(s) and into the tailgate.

13 Do not fully tighten the hinge bolts until the tailgate adjustment has been checked, as described in the following paragraphs.

### Adjustment

14 Close the tailgate (**carefully**, in case the alignment is incorrect, which may cause scratching on the tailgate or the body as the tailgate is closed), and check for alignment with the adjacent panels. If necessary, slacken the hinge bolts and re-align the tailgate to suit. Once the tailgate is correctly aligned, tighten the hinge bolts fully.

15 Once the tailgate is correctly aligned, check that the tailgate fastens and releases in a satisfactory manner. If adjustment is necessary, slacken the tailgate lock retaining bolts, and adjust the position of the lock to suit. Once the lock is operating correctly, securely tighten its retaining bolts.

### Support struts - Hatchback models

#### Removal

16 Ensure that the tailgate is adequately supported.

17 Working at one end of the strut, prise off the securing spring clip, then pull the strut from the balljoint.

18 Repeat the procedure at the remaining end of the strut, and withdraw the strut.

#### Refitting

19 Refitting is a reversal of removal, but ensure that the spring clips are securely engaged with the strut.

### Support struts - Estate models

#### Removal

20 The balljoint pins are integral with the struts, and the balljoints cannot be separated.

21 To remove a strut, first ensure that the tailgate is adequately supported.

22 Unscrew the upper balljoint pin from the tailgate, then unscrew the lower balljoint pin from the body, and withdraw the strut. Note the positions of any washers and/or spacers on the balljoint pins.

#### Refitting

23 Refitting is a reversal of removal. Ensure that any washers and spacers are positioned on the balljoint pins as noted before removal.

### 17 Boot lid lock components - removal and refitting

### Boot lid lock

#### Removal

1 Release the securing clips, and remove the trim panel from the rear of the boot lid.

2 Unclip the plastic cover from the lock.

3 Release the securing clip, and disconnect the operating rod from the lock.

4 Unscrew the two securing bolts, and withdraw the lock from the boot lid.

#### Refitting

5 Refitting is a reversal of removal.

### Boot lid lock cylinder

#### Removal

6 Release the securing clips, and remove the inner trim panel from the rear of the boot lid.

7 Undo the two screws each side and withdraw the number plate lights from the boot lid outer trim panel/handle. Allow the lights to rest on the boot lid without disconnecting the wiring.

8 From inside the boot lid, undo the four boot lid outer trim panel/handle securing nuts.

9 Withdraw the outer trim panel/handle from the boot lid, then turn it over and disengage the number plate light wiring from the rear. Remove the outer trim panel/handle.

10 Release the securing clips, and disconnect the operating rods from the lock cylinder.

11 Undo the two retaining nuts and remove the lock cylinder from the boot lid.

#### Refitting

12 Refitting is a reversal of removal.

### Boot lid lock striker

#### Removal

13 Pull the weatherstrip from the plastic trim panel at the rear of the boot, then pull the trim panel from the body.

14 Using a suitable forked tool, prise out the plastic clips securing the rear carpet trim panel to the body.

15 Unscrew the two securing bolts, then withdraw the lock striker assembly.

#### Refitting

16 Refitting is a reversal of removal, but check the operation of the boot lid lock before refitting the luggage compartment trim panels.

### 18 Tailgate lock and handle components - removal and refitting

### Tailgate lock - Hatchback and Estate models

#### Removal

1 Remove the tailgate inner trim panels as described in Section 26.

2 Release the securing clip(s), and disconnect the operating rod(s) from the lock.

3 Unscrew the two securing bolts, and manipulate the lock out through the aperture in the tailgate.

#### Refitting

4 Refitting is a reversal of removal but ensure that the lock operating rod(s) are correctly reconnected, and check the operation of the lock before refitting the trim panel.

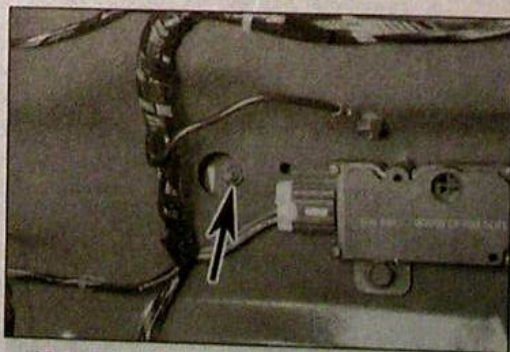
### Tailgate lock cylinder - Hatchback models

#### Removal

5 Remove the tailgate inner trim panels, as described in Section 26.

6 Undo the two screws each side and withdraw the number plate lights from the tailgate outer trim panel/handle. Allow the lights to rest on the tailgate without disconnecting the wiring.

7 From inside the tailgate, undo the four tailgate outer trim panel/handle securing nuts (see illustration).



18.7 One of the four tailgate outer trim panel/handle securing nuts (arrowed) - Hatchback models



## 20 Exterior mirror and associated components - removal and refitting

Refer to Chapter 11A, Section 22. When removing the mirror glass, insert the removal tool between the mirror glass and the mirror body on the side nearest to the door, and lever the glass outwards to release it from the mirror body.

## 21 Windscreen, tailgate and fixed windows - general information

Refer to Chapter 11A, Section 23.

## 22 Sunroof - general information

Refer to Chapter 11A, Section 24.

## 23 Body exterior fittings - removal and refitting

### Front grille panel

1 Open the bonnet, undo the two retaining nuts, and withdraw the relevant grille panel from the bonnet.

2 Refitting is a reversal of removal.

### Wheel arch liners

3 The wheel arch liners are secured by a combination of self-tapping screws and plastic clips, and removal is self-evident.

### Body trim strips and badges

4 The various body trim strips and badges are held in position with a special adhesive tape. Removal requires the trim/badge to be heated, to soften the adhesive, and then cut away from the surface. Due to the high risk of damage to the vehicle paintwork during this operation, it is recommended that this task should be entrusted to a Nissan dealer.

## 24 Seats - removal and refitting

### Front seat

**Warning:** Certain models may be equipped with a side air bag system incorporated into the seat back. Make sure that the safety recommendations given in Chapter 12B are followed, to prevent personal injury, and take extreme care when removing the front seats - if in doubt, consult a Nissan dealer for advice.

### Removal

1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

2 Move the seat fully forwards and unclip the trim cover from the rear corner of the seat outer rail.

3 Remove the securing screw, and remove the trim cover from the rear corner of the seat inner rail.

4 Unscrew the seat rail rear securing bolts.

5 Slide the seat fully rearwards, then unscrew the seat rail front securing bolts.

6 Where applicable, disconnect the wiring connectors under the seat, then lift the seat, complete with the rails, from the vehicle.

### Refitting

7 Refitting is a reversal of removal, but tighten the securing bolts to the specified torque.

### Rear seat cushion

#### Removal

8 Reach down below the front of the seat and pull the locking ring forward while at the same time lifting the seat cushion up. Once the cushion is released at the front, disengage the locating tags at the rear and remove the cushion.

#### Refitting

9 Refitting is a reversal of removal.

### Rear seat back side bolster - Saloon and Hatchback models

#### Removal

10 Remove the rear seat cushion, then undo the rear seat back side bolster retaining bolt (see illustration).

11 Withdraw the rear door weatherstrip sufficiently to allow the seat back side bolster to be removed and lift out the bolster.

#### Refitting

12 Refitting is a reversal of removal.

### Rear seat back

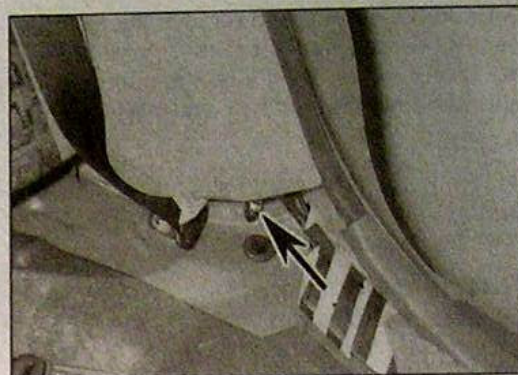
#### Removal

13 Remove the rear seat back side bolster as described previously.

14 Undo the nuts or bolts, as applicable securing the seat back to the hinges, or the



24.14 Rear seat back and lower hinge attachments - Hatchback models



24.10 Rear seat back side bolster retaining bolt (arrowed) - Hatchback models

hinges to the body, as desired, then withdraw the seat back from the vehicle (see illustration).

#### Refitting

15 Refitting is a reversal of removal.

## 25 Seat belt components - removal and refitting

### Front seat belt



**Warning:** All models are equipped with automatic seat belt tensioners integral with the front seat belt inertia reels. The mechanism is designed to instantaneously take up any slack in the seat belt, in the event of a sudden frontal impact, therefore reducing the possibility of injury to the front seat occupants. DO NOT attempt to remove the front seat belts - consult a Nissan dealer for advice.

### Rear side seat belt - Saloon models

#### Removal

1 Lift out the rear seat cushion, and unbolt the seat belt lower anchor.

2 Remove the rear seat back as described in Section 24.

3 Remove the parcel shelf and rear pillar trim panel as described in Section 26.

4 Unscrew the inertia reel securing bolts, and withdraw the seat belt assembly.

#### Refitting

5 Refitting is a reversal of removal, but tighten the seat belt anchor bolts to the specified torque.

### Rear side seat belt - Hatchback models

#### Removal

6 Lift out the rear seat cushion, and unbolt the seat belt lower anchor.

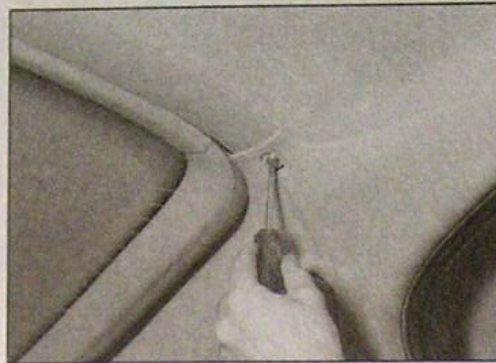
7 Remove the rear seat back as described in Section 24.

8 Remove the parcel shelf as described in Section 26.





26.29a Prise out the screw trim capping from the top corner of the panel . . .



26.29b . . . then undo the screw now exposed - Hatchback models



26.31 Pull the rear pillar trim panel away from the pillar to release the upper metal clips, and remove the panel - Hatchback models

29 Prise out the screw trim capping from the top corner of the panel then undo the screw now exposed (see illustrations).

30 Release the remaining visible plastic clips (pull the centre pin from the clip with a screwdriver to release).

31 Pull the panel away from the pillar to release the upper metal clips, and remove the panel from the pillar (see illustration).

32 Refitting is a reversal of removal.

#### Parcel shelf support panels

33 Using a suitable forked tool, remove the plastic securing clip from the front edge of the upper side/parcel shelf support panel. Pull the panel away from the lower panel to release the metal clips and remove the panel.

34 Undo the securing screw from the front inner side of the lower side/parcel shelf support panel.

35 Prise the screw cover from the securing

screw at the rear corner of the panel, and undo the screw.

36 Pull the panel away from the body to release the plastic and metal clips, and remove the panel.

37 Refitting is a reversal of removal.

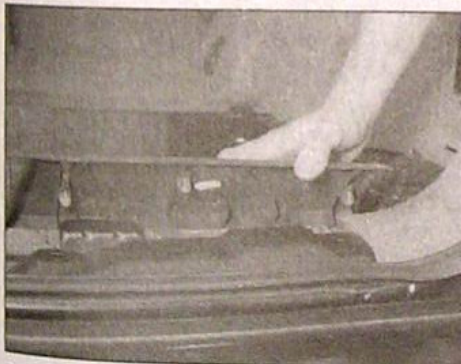
#### Luggage compartment trim panels - Estate models

##### Rear trim panel

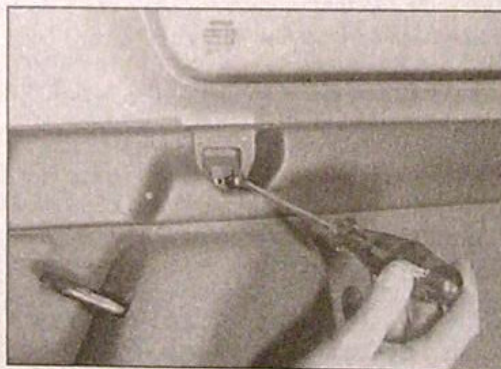
38 The luggage compartment rear trim panel can be removed after releasing the plastic securing clips (see illustration).

##### Side lower carpet trim panel

39 The luggage compartment side lower carpet trim panels can be pulled back from the body after prising the weatherstrips from their front and/or rear edges, and releasing the plastic securing clips, as applicable.



26.38 Removing the luggage compartment rear trim panel - Estate models



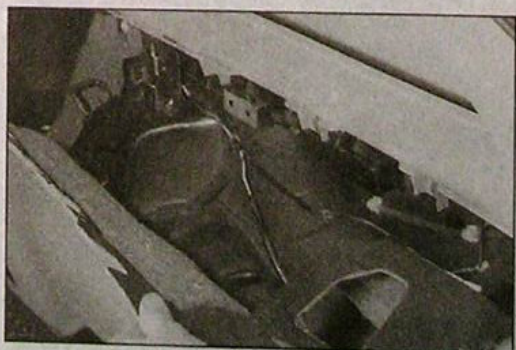
26.40 Undo the screws securing the side upper trim panel . . .



26.41 . . . then pull the panel away from the body to release the plastic retaining clips - Estate models



26.44 Remove the tie-down brackets from the side lower trim panel



26.45 . . . then release the upper and lower clips by pulling away the panel

#### Side upper trim panel

40 Undo the screws securing the side upper trim panel (see illustration).

41 Pull the panel away from the body to release the plastic retaining clips and remove the panel (see illustration).

42 Refitting is a reversal of removal.

#### Side lower trim panel

43 Remove the luggage compartment stowage box and floor panel, then remove the side upper trim panel as described previously.

44 Undo the bolts and remove the tie-down brackets from the side of the panel (see illustration).

45 Release the plastic clips along the top and bottom edges of the panel, then withdraw the panel to release the internal plastic and metal clips (see illustration). Where applicable, disconnect the wiring at the rear of the accessory socket as the panel is withdrawn.

46 Refitting is a reversal of removal.

#### Boot lid inner trim panel - Saloon models

47 Using a suitable forked tool, remove the plastic securing clips, then unhook the rear of the panel from the boot lid, and withdraw the panel.

48 Refitting is a reversal of removal.





27.3a Prise up the gear lever gaiter surround from the centre console . . .



27.3b . . . and slide it up the gear lever



27.4a Release the gear lever gaiter from the surround clips . . .



27.4b . . . and free the gaiter from the surround



27.5 Disconnect the cigarette lighter and illumination bulb wiring connectors



27.6 Undo the two screws at the front edge of the console

6 Undo the two screws at the front edge of the centre console (see illustration).

7 Lift out the storage pocket below the handbrake lever and undo the two screws now exposed (see illustration).

8 Undo the two screws at the rear of the console, one each side (see illustration).

9 Pull the handbrake on as far as possible, then lift the console up at the rear, and slide it forward over the handbrake lever (see illustration).

10 Reach up under the console and disconnect the wiring to the console rear switches, (where fitted), then remove the console from the car.

## Refitting

11 Refitting is a reversal of removal, but ensure that the wiring plugs are correctly reconnected.

## 28 Facia panels - removal and refitting



**Warning:** All models are equipped with an air bag system. The driver's air bag is mounted in the steering wheel centre pad, and on some models, a passenger's air bag is fitted in

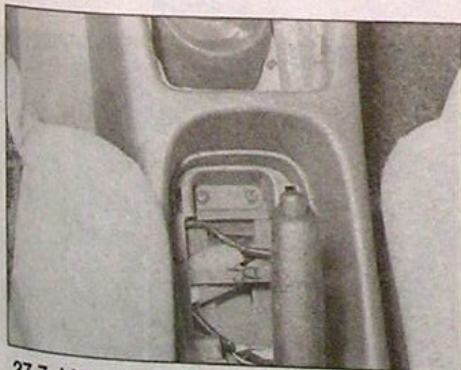
the passenger's side of the facia. Make sure that the safety recommendations given in Chapter 12B are followed, to prevent personal injury. If in any doubt about operations concerning the air bag - consult a Nissan dealer for advice.

## Steering column shrouds

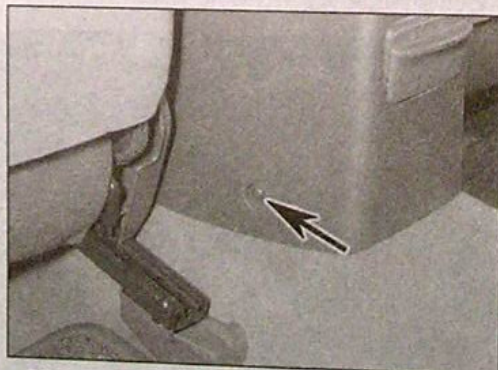
### Removal

1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

2 Working under the steering column lower shroud, remove the six shroud securing



27.7 Lift out the storage pocket and undo the two screws now exposed



27.8 Undo the two screws at the rear of the console, one each side (arrowed)



27.9 Lift the console up at the rear, and slide it forward over the handbrake lever

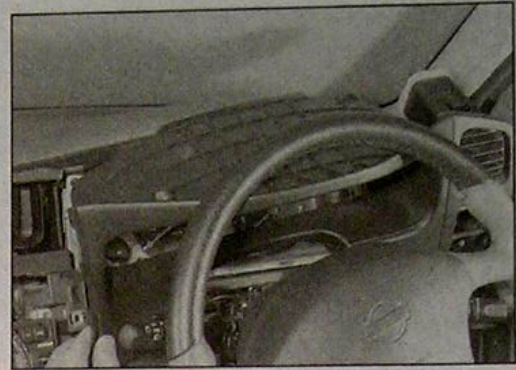




28.16a Undo the two instrument panel surround upper securing screws ...



28.16b ... and single lower screw



28.17 Release the clips and manipulate the surround from its location

16 Undo the two screws at the top of the surround and the single screw in the lower left-hand corner (see illustrations).

17 Pull the surround outward to release the two lower centre clips and manipulate the surround out from its location (see illustration). When sufficient clearance exists, disconnect the wiring multiplugs from the rear of the panel switches.

#### Refitting

18 Refitting is a reversal of removal.

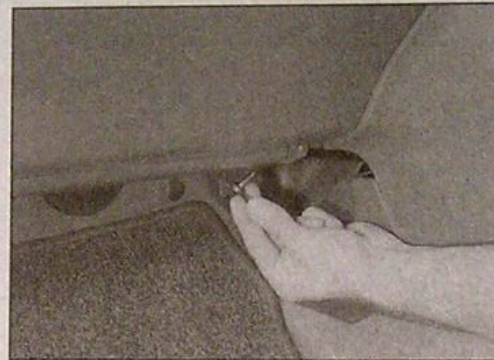
#### Glovebox

##### Removal

19 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

20 Remove the passenger's side footwell kick panel as described in Section 26.

21 At the base of the glovebox, pull out the



28.21 Pull out the glovebox lid hinge pins

plastic hinge pin on each side and remove the glovebox lid (see illustration).

22 Undo the two centre screws and remove the glovebox lid catch (see illustration).

23 Undo the two upper and two lower



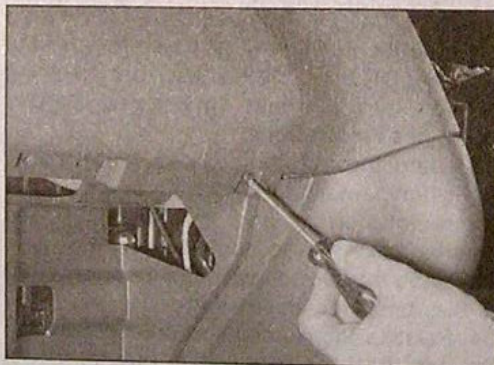
28.22 Undo the two centre screws and remove the glovebox lid catch

glovebox securing screws, one at each corner of the glovebox (see illustrations).

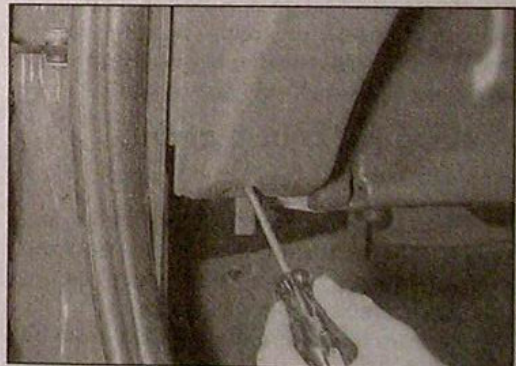
24 Using a small screwdriver, carefully release the two glovebox retaining clips, one at each upper corner of the glovebox (see illustrations).



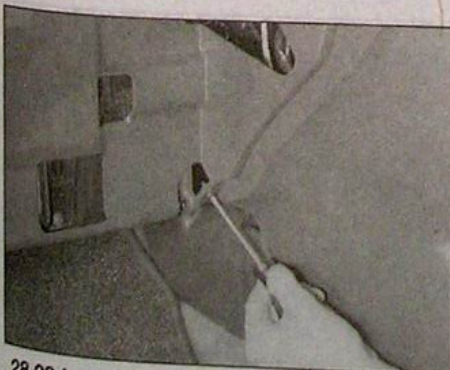
28.23a Undo the glovebox upper left-hand ...



28.23b ... upper right-hand ...



28.23c ... lower left-hand ...



28.23d ... and lower right-hand securing screws



28.24a Release the glovebox left-hand securing clip ...



28.24b ... and right-hand securing clip



- a) *Steering column shrouds.*
  - b) *Driver's side lower facia panel.*
  - c) *Facia centre switch/ventilation nozzle housing.*
  - d) *Instrument panel surround.*
  - e) *Glovebox.*
  - f) *Facia lower centre panel.*
- 37 Remove the instrument panel as described in Chapter 12B.
- 38 Unscrew the upper facia panel lower securing nuts (one nut located at each bottom corner of the panel).
- 39 Remove the windscreen demister grilles and undo the two bolts, one located in each demister aperture.
- 40 Unscrew the upper facia panel centre

securing nut, which is located in the centre of the instrument panel aperture.

41 Make a final check to ensure that all relevant wiring has been disconnected, then pull the upper facia panel towards the rear of the car to disengage it from the scuttle - some manipulation may be required.

42 Once the facia panel has been released, withdraw it through the passenger's door aperture.

#### Refitting

43 Commence refitting by manoeuvring the upper facia panel into position against the scuttle.

44 Ensure that all relevant wiring is fed

through the appropriate apertures in the facia, and is not trapped.

45 Ensure that the air ducting engages with the ventilation nozzle housings in the facia panel.

46 Refit the upper facia panel securing bolts, and the central bolts, and tighten them.

47 Further refitting is broadly a reversal of the removal procedure described previously, bearing in mind the following points:

- a) *Ensure that all wiring is correctly reconnected, and routed as noted before removal.*
- b) *Refit all surrounding facia panels with reference to the relevant paragraphs of this Section.*





28.25a Withdraw the glovebox from the fascia ...



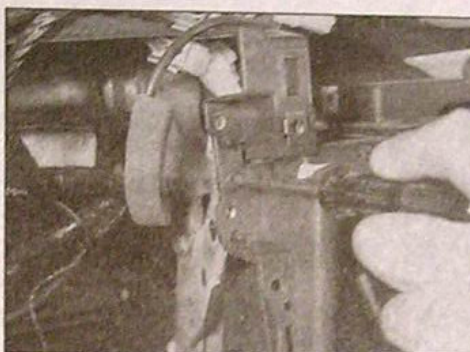
28.25b ... and detach the illumination bulbholder



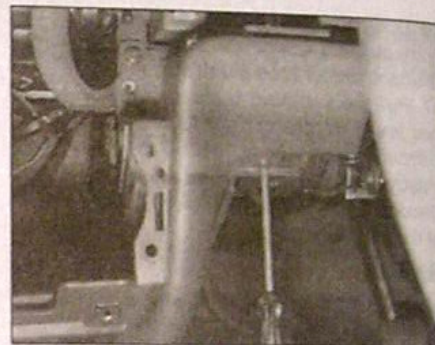
28.31a Remove the driver's side footwell centre kick panel retaining clip ...



28.31b ... and withdraw the kick panel



28.32a Undo the lower centre panel securing screw in the radio aperture ...



28.32b ... and adjacent to the steering column

25 Withdraw the glovebox from the fascia and detach the illumination bulbholder from the rear (see illustrations).

#### Refitting

26 Refitting is a reversal of removal but refit the glovebox lid hinge pins before refitting the glovebox lower right-hand securing screw. Note that the glovebox lid hinge pins are fitted with their heads toward each other.

#### Facia lower centre panel

##### Removal

27 Remove the driver's side lower fascia panel, the fascia centre switch/ventilation nozzle housing, and the glovebox, as described previously in this Section.

28 Remove the centre console, as described in Section 27.

29 Remove the radio as described in Chapter 12B.

30 Remove the heater/ventilation control unit as described in Chapter 3.

31 Remove the passenger's side footwell centre kick panel by pulling out the edge adjacent to the fascia lower centre panel, then pulling the panel rearwards to disengage the retaining tongue. Remove the driver's side panel in the same way, but also remove the retaining clip. The clip is released by pushing in the centre pin then withdrawing the clip body (see illustrations).

32 Undo the two fascia lower centre panel right-hand retaining screws, one located in the radio aperture, and one adjacent to the steering column (see illustrations).

33 Undo the two screws at the bottom centre of the panel (see illustration).

34 Release the illumination bulbholder from the centre of the panel, then pull the panel outward to release the securing clip on the right-hand side (see illustrations).

#### Refitting

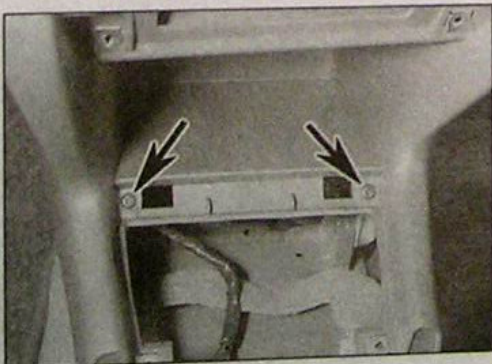
35 Refitting is a reversal of removal.

#### Upper fascia assembly

**Warning:** Certain models are equipped with a passenger's air bag located behind the glovebox. Removal of the upper fascia assembly entails removal of the passenger's air bag which can only be done safely by a Nissan dealer. DO NOT attempt to remove the upper fascia assembly on models equipped with a passenger's air bag - consult a Nissan dealer for advice.

#### Removal

36 Remove the following fascia panels, as described previously in this Section. Note the routing of all wiring, and keep all securing screws and fixings with the relevant panels to avoid confusion on refitting.



28.33 Undo the two screws at the bottom centre of the panel (arrowed)



28.34a Release the illumination bulbholder ...



28.34b ... and remove the fascia lower centre panel





28.2a Remove the six steering column shroud securing screws ...



28.2b ... then manipulate the upper and lower shrouds from the column



28.7a Pull the driver's side lower facia panel down to release the clips ...

screws, then unclip the trim plate from the ignition switch/steering column lock, and pull the lower shroud down to unclip it from the upper shroud (see illustrations).

3 Carefully manipulate the upper shroud from the column (this is aided by fully lowering the adjustable steering column).

#### Refitting

4 Refitting is a reversal of removal, but ensure that the shroud clips engage correctly.

#### Driver's side lower facia panel

##### Removal

5 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

6 Remove the three securing screws, two near the left-hand edge and one at the lower right-hand side corner.

7 Pull the panel down to release the four clips, disconnect the wiring at the control units or relays as applicable, and remove the panel (see illustrations).

#### Refitting

8 Refitting is a reversal of removal.

#### Facia centre switch/ventilation nozzle housing

##### Removal

9 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

10 Remove the two lower securing screws, then pull the panel away from the facia to release the retaining clips (see illustrations).

11 Disconnect the switch wiring plugs at the rear of the panel (see illustration).

12 Release the retaining clip and disconnect

the ventilation control cable from the rear of the nozzle housing, then remove the housing (see illustration).

#### Refitting

13 Refitting is a reversal of removal.

#### Instrument panel surround

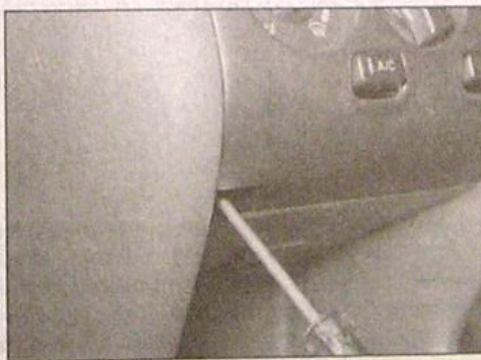
##### Removal

14 Remove the steering column shrouds and facia centre switch ventilation nozzle housing as described previously in this Section.

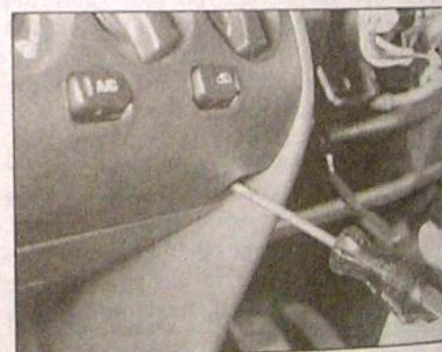
15 Set the adjustable steering column in its lowest position. In this position there is just sufficient clearance between the steering wheel and instrument panel to remove the surround. If increased clearance is required, loosen the two steering column upper securing bolts, and lower the steering column slightly.



28.7b ... then disconnect the wiring connectors inside the panel



28.10a Remove the centre switch/ventilation panel lower left-hand screw ...



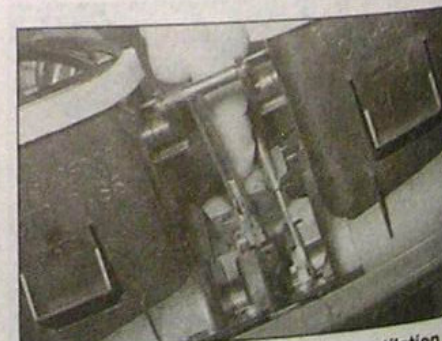
28.10b ... and lower right-hand screw ...



28.10c ... then pull the panel away from the facia to release the clips

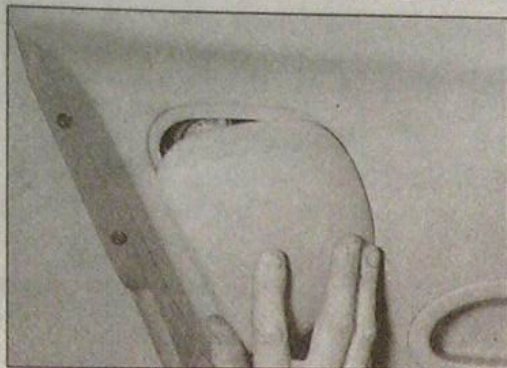


28.11 Disconnect the wiring plugs at the rear of the panel ...

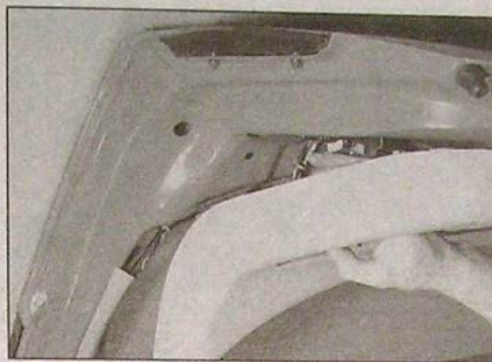


28.12 ... and disconnect the ventilation control cable from the rear of the nozzle housing

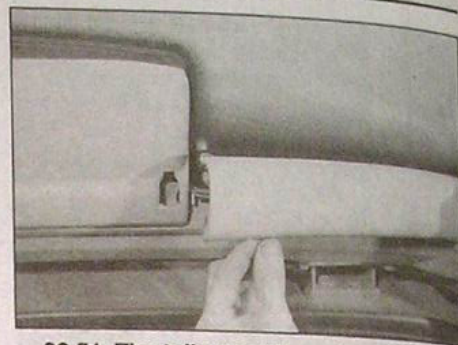




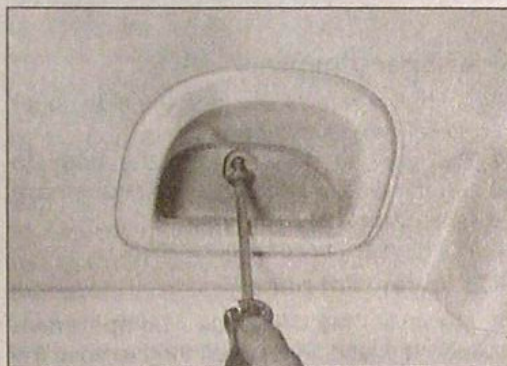
26.49 Pull out the rear light assembly access covers from the tailgate main trim panel ...



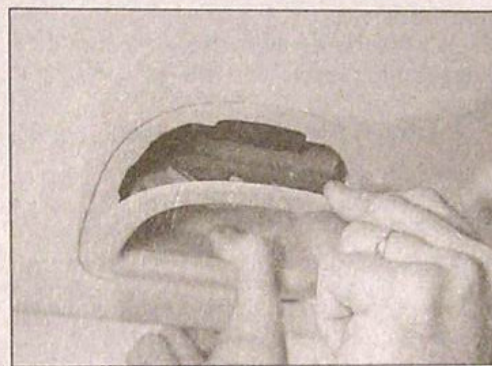
26.50 ... then pull the panel from the tailgate to release the clips - Hatchback models



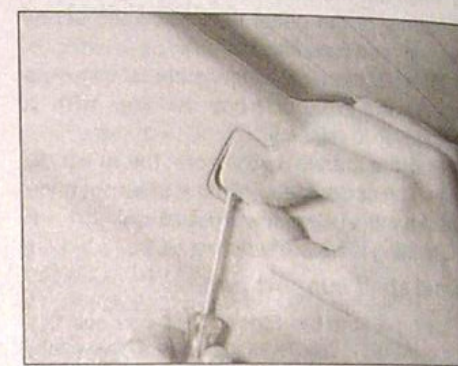
26.51 The tailgate side and upper trim panels are secured by metal clips and are simply pulled off to remove - Hatchback models



26.53a Undo the screws in the tailgate hand grip recesses ...



26.53b ... and remove the hand grips - Estate models



26.54a Prise the screw covers from the securing screws at the top of the main trim panel ...

### Tailgate inner trim panels - Hatchback models

49 To remove the main panel, pull out the rear light assembly access covers (see illustration).

50 Pull the panel from the tailgate to release the main plastic clips in the centre of the panel, and the two metal clips, one at each top corner (see illustration). Use the light assembly access apertures for increased leverage to release the clips.

51 The side and upper trim panels are secured by metal clips and are simply pulled off to remove. Note, however, that the upper panels must be removed first, followed by the side panels (see illustration).

52 Refitting is a reversal of removal.

### Tailgate inner trim panel - Estate models

53 To remove the main panel, undo the screws in the hand grip recesses, and remove the hand grips (see illustrations).

54 Prise the screw covers from the securing screws at the top of the main panel, and undo the screws (see illustrations).

55 Pull out the rear light assembly access covers, then pull the panel from the tailgate to release the main plastic and metal clips (see illustration). Use the light assembly access apertures for increased leverage to release the clips.

56 The side and upper trim panels are secured by metal clips and are simply pulled off to remove. Note, however, that the upper

panels must be removed first, followed by the side panels.

57 Refitting is a reversal of removal.

### 27 Centre console - removal and refitting



**Warning:** All models are equipped with an air bag system. The air bag control unit is mounted underneath the centre console. Make sure that the safety recommendations given in Chapter 12B are followed, to prevent personal injury.

#### Removal

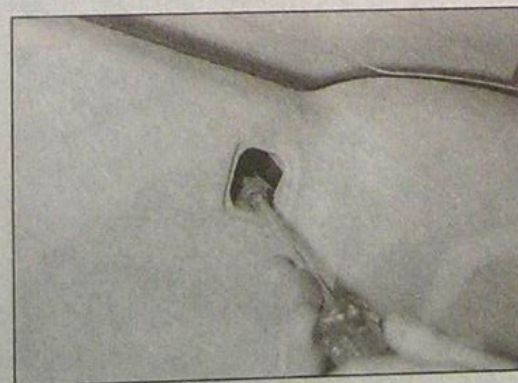
1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

2 On models with automatic transmission, unclip the selector lever cover from the centre console.

3 On models with manual transmission, carefully prise up the gear lever gaiter surround from the top of the centre console (see illustrations).

4 From underneath the surround, release the gear lever gaiter from the surround clips and free the gaiter (see illustrations).

5 Disconnect the cigarette lighter wiring plug and the illumination bulb wiring and remove the gaiter surround (see illustration).



26.54b ... and undo the screws - Estate models



26.55 Pull the panel from the tailgate to release the plastic and metal clips - Estate models



9 Undo the screws and remove the side trim panels over the inertia reel assembly.

10 Unscrew the inertia reel securing bolts, and withdraw the seat belt assembly.

### Refitting

11 Refitting is a reversal of removal, but tighten the seat belt anchor bolts to the specified torque.

### Rear side seat belt - Estate models

#### Removal

12 Open the relevant rear door, and fold the rear seat back forwards.

13 Carefully prise the weatherstrip from the rear edge of the door aperture.

14 Prise the seat belt surround from the luggage compartment upper side trim panel, and feed the seat belt through the slot in the surround.

15 Peel back the luggage compartment side carpet trim panel to expose the inertia reel unit.

16 Unscrew the lower seat belt anchor bolt, noting the positions of any washers and/or spacers.

17 Prise off the trim plate, then unscrew the seat belt upper anchor bolt, again noting the locations of any washers and/or spacers.

18 Unscrew the inertia reel securing bolt, then withdraw the seat belt assembly from the vehicle.

#### Refitting

19 Refitting is a reversal of removal, but ensure that any washers and/or spacers are positioned on the anchor bolts as noted before removal, and tighten all fixings to the specified torque.

### Rear centre seat belt and buckles

#### Removal

20 Lift out the rear seat cushion to expose the seat belt anchor bolts.

21 Unscrew the anchor bolts, and withdraw the seat belt assembly.

#### Refitting

22 Refitting is a reversal of removal, but tighten the anchor bolts to the specified torque.

### 26 Interior trim panels - removal and refitting

#### General

1 The interior trim panels are secured by a combination of metal and plastic clips and screws. When releasing certain types of securing clips, a suitable forked tool will prove invaluable to avoid damage to the panel and clips. In some cases, it may be necessary to remove surrounding panels before a particular panel can be released. Often, considerable



26.3 Removing the passenger's side footwell trim panel

force is necessary to release the clips, and it may be necessary to use a screwdriver or other suitable thin tool to free them. Be prepared to obtain new clips, as in some instances, breakage is inevitable.

#### Footwell trim panels

2 Undo the nut from the stud at the front of the panel.

3 Where necessary, pull the weatherstrip from the edge of the panel, then pull the panel from the body to release the two securing clips (see illustration).

4 Refitting is a reversal of removal.

#### Sill trim panels

5 Where necessary, pull the weatherstrip from the edge of the panel, then pull the panel from the body to release the securing clips.

6 To refit the panel, simply push it back into position, ensuring that the retaining clips engage.

#### Front pillar trim panels

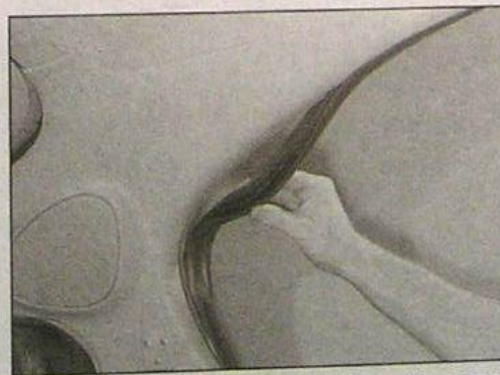
7 Carefully prise the weatherstrip from the edge of the panel, then pull the panel from the pillar to release the two retaining clips.

8 Ensure that the weatherstrip is correctly seated on refitting.

#### Centre pillar trim panels

9 Carefully prise the weatherstrip from the edge of the panel on both sides.

10 To remove the lower trim panel, remove the front door and rear door sill trim panels, then using a suitable forked tool, remove the four plastic securing clips. Pull the panel away



26.28 Pull the weatherstrip from the rear door aperture - Hatchback models

from the pillar to release the two upper metal clips and remove the panel from the pillar.

11 To remove the upper trim panel, first remove the lower panel.

12 Prise off the trim cap, then unscrew the seat belt upper anchor bolt, and recover any spacers and washers, noting their locations.

13 Using a suitable forked tool, remove the plastic securing clip, then pull the panel away from the pillar to release the upper metal clip, and remove the panel from the pillar.

14 Refitting is a reversal of removal.

#### Door inner trim panels

15 Refer to Section 12.

#### Rear parcel shelf - Saloon models

16 Where applicable, remove the high-level stoplight as described in Chapter 12B.

17 Remove the rear seat back side bolster, as described in Section 24.

18 Remove the plastic clips securing the front and centre of the parcel shelf.

19 Pull up the front of the parcel shelf, disengage the rear securing clips, then withdraw the shelf.

20 Refitting is a reversal of removal.

#### Luggage compartment trim panels - Saloon models

21 The rear luggage compartment upper trim panel can be removed by pulling the weatherstrip from the rear of the panel, then pulling the panel upwards to release the securing clips. The lower trim panel can be removed by releasing the five clips (pull the centre pin from the clip with a screwdriver to release) then withdrawing the panel.

22 The luggage compartment carpet trim panels are secured by a combination of screws and plastic clips, which are most easily released using a suitable forked tool. Where applicable, remove the luggage strap brackets, and/or the luggage compartment light, to enable the panels to be removed.

23 Refitting is a reversal of removal.

#### Luggage compartment trim panels - Hatchback models

#### Rear trim panels

24 Removal of the rear trim panels and carpet trim panels is the same as described previously for Saloon models.

#### Rear pillar trim panels

25 Remove the luggage compartment rear trim panel as described previously in this Section.

26 Lift out the rear seat cushion and lower the rear seat back.

27 Remove the securing screw from the bottom of the rear seat side bolster, then unhook the top of the side bolster and remove it from the vehicle.

28 Pull the weatherstrip from the rear door aperture in the vicinity of the rear trim panel (see illustration).





**18.8a** Withdraw the outer trim panel/handle from the tailgate . . .

8 Withdraw the outer trim panel/handle from the tailgate, then turn it over and disengage the number plate light wiring from the rear (see illustrations). Remove the outer trim panel/handle.

9 Release the securing clips, and disconnect the operating rods from the lock cylinder (see illustration).

10 Undo the two retaining nuts and remove the lock cylinder from the tailgate.

#### Refitting

11 Refitting is a reversal of removal.

#### Tailgate lock cylinder - Estate models

##### Removal

12 Remove the tailgate inner trim panels, as described in Section 26.

13 From inside the tailgate, undo the tailgate outer trim panel/handle securing nuts and remove the trim panel/handle from the tailgate (see illustrations).

14 Release the securing clips, and disconnect the operating rods from the lock cylinder.

15 Undo the two retaining nuts and remove the lock cylinder from the tailgate.

#### Refitting

16 Refitting is a reversal of removal.

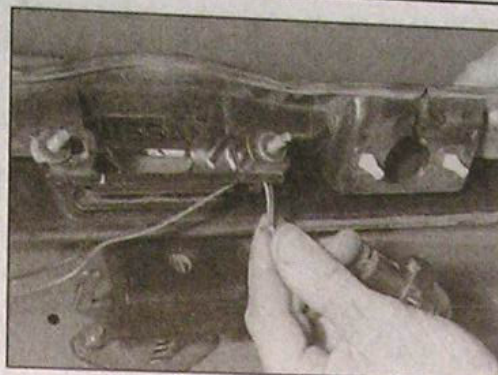
#### Tailgate lock striker - Hatchback and Estate models

##### Removal

17 Release the securing clips, and remove the luggage compartment rear trim panel.



**18.13a** On Estate models, undo the tailgate outer trim panel/handle securing nuts . . .



**18.8b** . . . then turn it over and disengage the number plate light wiring

18 Unscrew the two securing bolts, and remove the lock striker.

#### Refitting

19 Refitting is a reversal of removal.

#### 19 Central locking system components - removal and refitting

#### Electronic control unit

##### Removal

1 The electronic control unit is located under the fascia on the driver's side.

2 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

3 Remove the driver's side lower fascia panel, with reference to Section 28 if necessary.

4 Undo the two bolts, then withdraw the unit, complete with the mounting bracket, and disconnect the wiring plugs.

#### Refitting

5 Refitting is a reversal of removal.

#### Driver's door lock switch

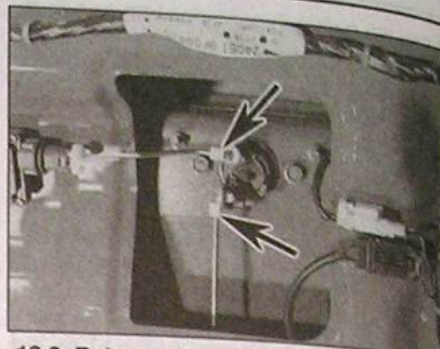
##### Removal

6 Remove the door lock as described in Section 13.

7 The switch is secured to the lock by two screws.



**18.13b** . . . and remove the trim panel/handle from the tailgate



**18.9** Release the securing clips (arrowed) and disconnect the operating rods from the lock cylinder

#### Refitting

8 Refit the door lock as described in Section 13.

#### Door lock motor

##### Removal

9 Remove the door lock as described in Section 13.

10 The motor is secured to the lock assembly by two screws.

#### Refitting

11 Refit the door lock as described in Section 13.

#### Boot lid/tailgate lock motor

##### Removal

12 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

13 Remove the boot lid/tailgate inner trim panel, as described in Section 26.

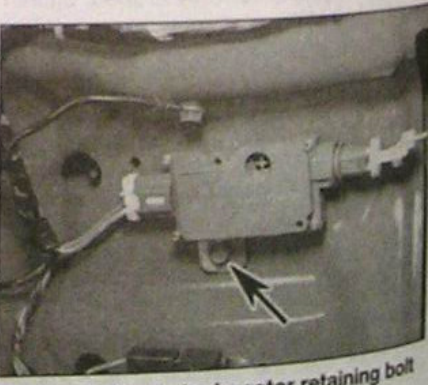
14 Working inside the boot lid/tailgate, disconnect the wiring plug from the lock motor.

15 Disconnect the lock operating rod from the motor.

16 Remove the retaining bolt, and withdraw the motor from the boot lid/tailgate (see illustration).

#### Refitting

17 Refitting is a reversal of removal, but check the operation of the lock mechanism before refitting the trim panel.

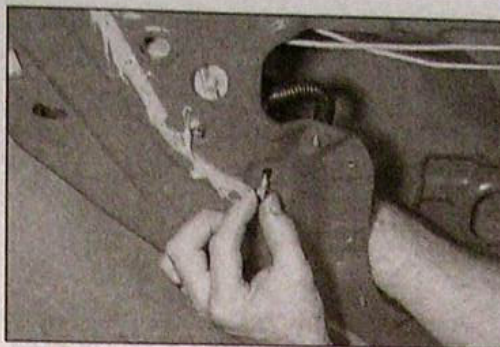


**19.16** Tailgate lock motor retaining bolt (arrowed) - Hatchback models





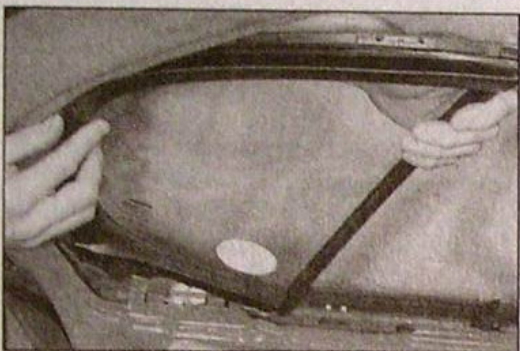
14.19 Undo the screw securing the top of the rear guide channel to the door frame



14.20a Undo the rear guide channel retaining bolt at the bottom of the channel . . .



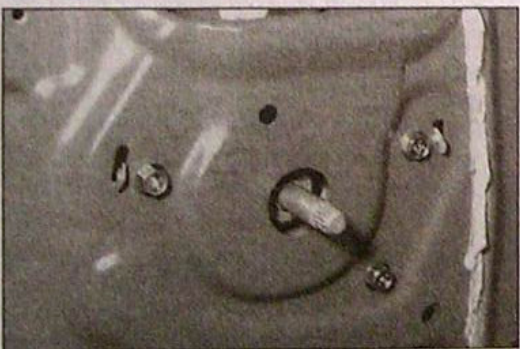
14.20b . . . and in the centre of the channel



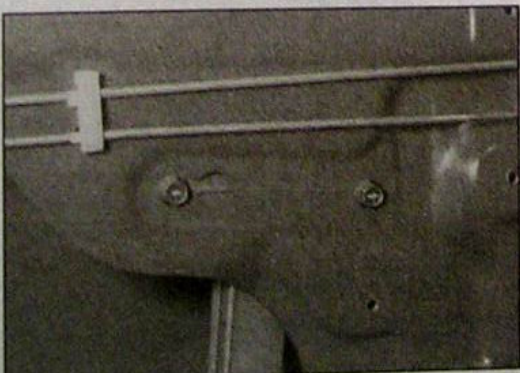
14.22 Pull the fixed window glass and weatherstrip from the window aperture

19 Undo the small screw securing the top of the rear guide channel to the door frame (see illustration).

20 Undo the remaining two rear guide channel retaining bolts, one at the bottom of the channel and one in the centre (see illustrations).



14.28 Rear door manual window regulator securing bolts



14.29a Unscrew the two upper bolts . . .



14.29b . . . and two lower bolts . . .



14.29c . . . then manipulate the regulator assembly out through the door aperture

21 Ease the guide channel away from the fixed window glass and withdraw it from the door.

22 Carefully pull the fixed window glass, complete with its surrounding weatherstrip, from the window aperture (see illustration).

23 If desired, pull the weatherstrip from the edge of the window.

### Refitting

24 Refitting is a reversal of removal, but ensure that the weatherstrip seals securely on both the window aperture and the window glass, and refit the sliding window glass as described previously in this Section.

### Rear door window regulator

#### Removal

25 Remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

26 Unscrew the two bolts securing the lower edge of the sliding window glass to the regulator mechanism, then fully raise the window glass, and secure the glass in position using suitable tape, or by wedging the glass in position using rags between the glass and the edge of the door - ensure that the glass cannot drop into the door. Alternatively, remove the sliding window glass, as described previously in this Section.

27 Where applicable, release the regulator motor wiring connector from the door, and separate the two halves of the connector.

28 Unscrew the three bolts securing the motor or manual crank mechanism to the door (see illustration).

29 Unscrew the two upper and two lower regulator mechanism securing bolts, then manipulate the complete motor/regulator assembly out through the aperture in the door (see illustrations).

### Refitting

30 Refitting is a reversal of removal, bearing in mind the following points:

- Where applicable, refit the window glass as described previously in this Section.
- Check the operation of the window mechanism before refitting the door inner trim panel.
- Refit the door stiffener panel, plastic sealing sheet and inner trim panel as described in Section 12.

### 15 Boot lid and support struts - removal, refitting and adjustment

Refer to Chapter 11A, Section 15.

### 16 Tailgate and support struts - removal, refitting and adjustment

### Tailgate

#### Removal

1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).



## Refitting

8 Refitting is a reversal of removal, bearing in mind the following points:

- Ensure that the lock operating rods are correctly routed.
- Check the operation of the handle/lock mechanism before refitting the door inner trim panel.
- Refit the door inner trim panel with reference to Section 12.

## Front door exterior door handle

### Removal

9 With the window fully raised, remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

10 Disconnect the lock operating rod from the exterior handle.

11 Working through the door aperture, unscrew the two handle securing nuts, then withdraw the handle assembly from the outside of the door.

### Refitting

12 Refitting is a reversal of removal, bearing in mind the following points:

- Check the operation of the handle/lock mechanism before refitting the door inner trim panel.
- Refit the door inner trim panel with reference to Section 12.

## Rear door exterior handle

### Removal

13 With the window fully raised, remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

14 Remove the interior handle and the door lock assembly, as described elsewhere in this Section.

15 Working through the door aperture, remove the two securing nuts, then withdraw the exterior handle assembly from the door.

### Refitting

16 Refitting is a reversal of removal, but refit the interior handle and the door lock assembly as described in the relevant paragraphs of this Section, and refit the stiffener panel, plastic sealing sheet and the door inner trim panel with reference to Section 12.

## Front door lock cylinder

### Removal

17 With the window fully raised, remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

18 Disconnect the lock operating rods from the lock cylinder and door lock as applicable.

19 Where fitted, unscrew the securing bolts, and withdraw the metal shield plate from inside the door.

20 Using a suitable screwdriver or a pair of pliers, prise off the lock cylinder securing plate, then withdraw the lock cylinder from outside the door. Note that the lock cylinder securing plate has raised tangs which lock

against the inner door skin - this means that some force is required to prise the plate free.

### Refitting

21 Refitting is a reversal of removal, bearing in mind the following points:

- Ensure that the lock operating rods are correctly reconnected.
- Ensure that the exterior handle rear securing nut is re-tightened.
- Check the operation of the handle/lock mechanism before refitting the door inner trim panel.
- Refit the door inner trim panel as described in Section 12.

## Front door lock

### Removal

22 With the window fully raised, remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

23 Where fitted, unscrew the securing bolts, and withdraw the metal shield plate from inside the door.

24 Remove the bolt securing the window rear guide channel to the rear edge of the door. Lift the guide channel up, clear of the lock.

25 Reach in through the door aperture, and disconnect the lock operating rods from the lock, noting their locations and routing.

26 Working at the rear edge of the door, unscrew the three securing bolts, then lift the lock out through the door. Disconnect the central locking motor/switch wiring plug from the lock assembly.

### Refitting

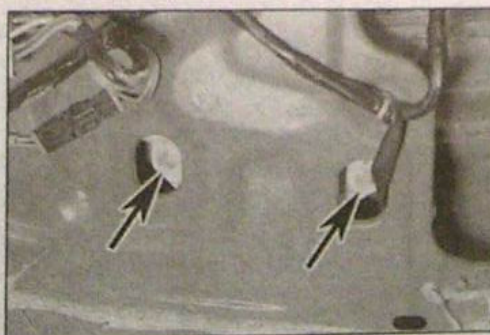
27 Refitting is a reversal of removal, bearing in mind the following points:

- Ensure that the lock operating rods are correctly reconnected and routed, as noted before removal.
- Check the operation of the handle/lock mechanism before refitting the door inner trim panel.
- Refit the door inner trim panel as described in Section 12.

## Rear door lock

### Removal

28 With the window fully raised, remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.



14.3 Lower the window until the bolts (arrowed) securing the window glass to the regulator are accessible

29 Remove the two bolts securing the window glass rear guide channel to the door, then pull the guide channel clear of the lock.

30 Disconnect the lock operating rods from the lock levers.

31 Working inside the door, remove the screw securing the lock motor to the door panel.

32 Working at the rear edge of the door, unscrew the three lock securing screws, then manipulate the lock assembly out through the door aperture.

33 Disconnect the wiring plug from the central locking motor, and withdraw the assembly from the door.

### Refitting

34 Refitting is a reversal of removal, bearing in mind the following points:

- Ensure that the lock operating rods are correctly reconnected.
- Check the operation of the handle/lock mechanism before refitting the door inner trim panel.
- Refit the door inner trim panel as described in Section 12.

## 14 Door window glass and regulator - removal and refitting

## Front door window glass

### Removal

1 Remove the door inner trim panel, plastic sealing sheet and stiffener panel as described in Section 12.

2 Temporarily reconnect the electric window switch, and the battery negative terminal, or refit the window regulator handle, as applicable.

3 Lower the window until the two bolts securing the lower edge of the window glass to the regulator mechanism are accessible through the holes in the inside of the door (see illustration).

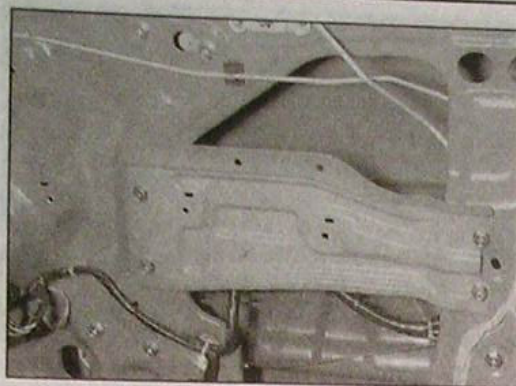
4 Support the glass, then remove the two bolts securing the window glass to the regulator mechanism.

5 Lift the glass out through the window aperture in the top of the door, manipulating the glass past the weatherstrips as it is withdrawn (see illustration).

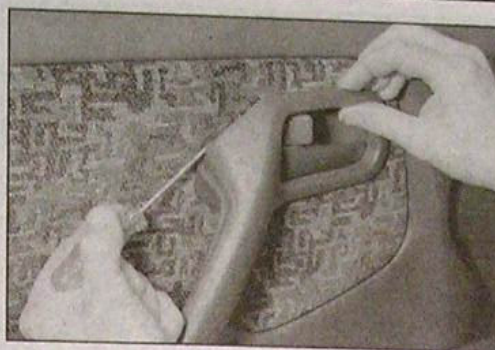


14.5 Lift the glass out through the window aperture in the top of the door





12.11 Undo the four bolts and remove the stiffener panel from the door aperture



12.13a On models with electric windows, carefully prise the upper part of the passenger's interior door handle surround from the door panel ...



12.13b ... then lift it up to disengage the lower location

13 On models with electric windows, carefully prise the upper part of the interior door handle surround from the door panel, then lift it up to disengage the lower location (see illustrations).

14 Prise up the rear of the electric window switch panel, lift it up at the rear and slide it up the door handle (see illustration).

15 Disconnect the electric window switch wiring from the underside of the panel (see illustration). The switch panel is removed together with the door trim panel.

16 The remainder of the procedure is the same as for the driver's door described previously in paragraphs 6 to 11.

### Refitting

17 Refitting is a reversal of removal, but ensure that the sealing sheet is correctly refitted, and sealed around its edge. It should

be possible to use the original mastic sealant, but if necessary, new sealant can be obtained from a Nissan dealer.

### Rear door trim panel

#### Removal

18 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).

19 On models with manual windows, use a length of bent wire to hook out the regulator handle wire clip (pass the wire down behind the handle, and press back the plastic trim plate) until the handle can be withdrawn. Recover the plastic trim plate.

20 Carefully prise the upper part of the interior door handle surround from the door panel, then lift it up to disengage the lower location (see illustrations).

21 On models with electric windows, prise up the rear of the electric window switch panel, lift it up at the rear and slide it up the door handle. Disconnect the electric window switch wiring from the underside of the panel. The switch panel is removed together with the door trim panel.

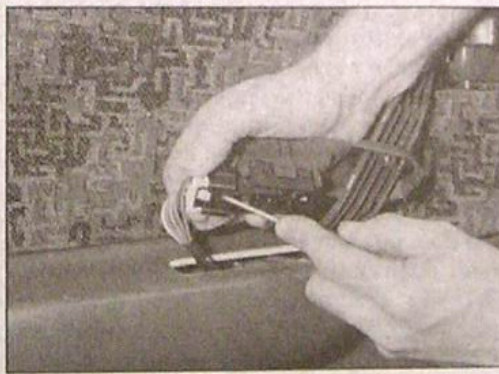
22 Undo the two bolts securing the door pull handle and trim panel to the door (see illustrations).

23 Using a suitable forked tool, release the securing clips at the edge of the panel, then lift the trim panel upwards to release the upper edge (see illustrations). Lift the panel up and off the door.

24 If work is to be carried out on the door internal components, it will be necessary to remove the plastic sealing sheet and stiffener panel from the inside of the door, as follows.



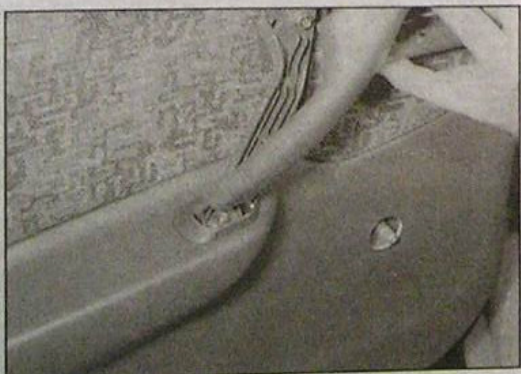
12.14 Prise up the rear of the electric window switch panel ...



12.15 ... then disconnect the switch wiring from the underside of the panel



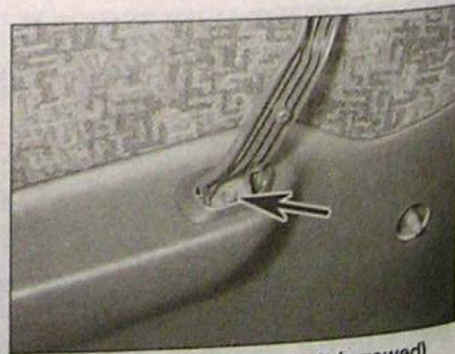
12.20a On the rear door, prise the upper part of the interior door handle surround from the door panel ...



12.20b ... then lift it up to disengage the lower location



12.22a Undo the upper bolt (arrowed) ...



12.22b ... and lower bolt (arrowed) securing the rear door pull handle and trim panel to the door



- 4 Unscrew the bumper lower securing bolts on each side.
- 5 Working under the front of the vehicle, release the front lower edge retaining clips.
- 6 Working through the aperture at the upper front of the bumper, release the clips securing the bumper to the lower front body panel.
- 7 Withdraw the bumper forwards from the vehicle.

### Refitting

- 8 Refitting is a reversal of removal.

### 7 Rear bumper - removal and refitting



### Removal

- 1 To improve access, chock the front wheels, then jack up the rear of the car and support it on axle stands (see *Jacking and Vehicle Support*).
- 2 Working at the rear of the wheel arches, unscrew the two screws and remove the stone chipping protectors each side.
- 3 Unscrew the bumper side securing bolts (one on each side), which secure the bumper to the body.
- 4 Unscrew the screws securing the lower rear edge of the bumper to the body.
- 5 Working in the luggage compartment, unscrew the three screws securing the upper edge of the bumper to the body.
- 6 Withdraw the bumper assembly.

### Refitting

- 7 Refitting is a reversal of removal.

### 8 Bonnet - removal, refitting and adjustment



Refer to Chapter 11A, Section 8.

### 9 Bonnet release cable - removal and refitting



### Removal

- 1 Open the bonnet.
- 2 Unscrew the three securing bolts, and remove the lock assembly from the body panel.
- 3 Pull the return spring to one side, then unhook the end of the bonnet release cable from the lock lever. Withdraw the lock assembly from the vehicle.
- 4 Where applicable, unscrew the cable securing clip from the front body panel.
- 5 Working in the driver's footwell, remove the securing screw from the footwell side trim panel. Release the plastic securing clip, then pull the weatherstrip from the edge of the panel. Pull the panel from the footwell to release the remaining securing clips.

- 6 Unscrew the two now-exposed securing bolts, and withdraw the bonnet release lever. Unhook the cable end from the lever.
- 7 Note the routing of the cable, and release it from any clips in the engine compartment, then feed the cable through the bulkhead grommet into the engine compartment. On some models, it may be necessary to move certain components in the engine compartment to one side, to gain access to the cable clips. It is advisable to tie a length of string to the release lever end of the cable before removal, to aid refitting. Pull the cable through into the engine compartment, then untie the string and leave it in place until the cable is to be refitted.

### Refitting

- 8 Refitting is a reversal of removal, but use the string to pull the cable into position, and ensure that the bulkhead grommet is securely located. Make sure that the cable is routed as noted before removal, and reposition the cable in its securing clips in the engine compartment. Check the bonnet release mechanism for correct operation on completion.

### 10 Bonnet lock - removal and refitting



### Removal

- 1 Open the bonnet.
- 2 Unscrew the three securing bolts, and remove the lock assembly from the body panel (see illustration).
- 3 Pull the return spring to one side, then unhook the end of the bonnet release cable from the lock lever, and withdraw the assembly from the vehicle.

### Refitting

- 4 Refitting is a reversal of removal. If necessary, adjust the position of the lock, as described in Section 8.

### 11 Door - removal, refitting and adjustment



### Removal

- Note:** A new door check strap roll-pin will be required on refitting.
- 1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).
  - 2 Remove the door inner trim panel, as described in Section 12.
  - 3 Disconnect all relevant wiring from the components inside the door, and unclip the wiring harnesses from inside the door. Take careful note of the way the wire is routed, to aid refitting.
  - 4 Carefully feed the wiring through the aperture in the front edge of the door (pull out the grommet if necessary).

- 5 Using a suitable punch, drive out the roll-pin securing the door check strap to the body bracket.
- 6 Mark the positions of the hinges on the door, to aid alignment of the door on refitting.
- 7 Have an assistant support the door, then unscrew the bolts securing the door hinges to the door, and lift the door from the vehicle.
- 8 Examine the hinges for wear and damage. If necessary, the hinges can be unbolted from the body and renewed.

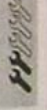
### Refitting

- 9 Refitting is a reversal of removal, but align the hinges with the marks made on the body before removal, and before finally tightening the hinge securing bolts, check the door adjustment as described in the following paragraphs. Use a new roll-pin to secure the door check strap to the body bracket.

### Adjustment

- 10 Close the door (**carefully**, in case the alignment is incorrect, which may cause scratching on the door or the body as the door is closed), and check the fit of the door with the surrounding panels.
- 11 If adjustment is required, loosen the hinge securing bolts (the hinge-to-door and the hinge-to-body bolt holes are elongated), and move the hinges as required to achieve satisfactory alignment. Tighten the securing bolts to the specified torque when the alignment is satisfactory.
- 12 Check the operation of the door lock. If necessary, slacken the securing bolts, and adjust the position of the lock striker on the body pillar to achieve satisfactory alignment. Tighten the bolts to the specified torque on completion.

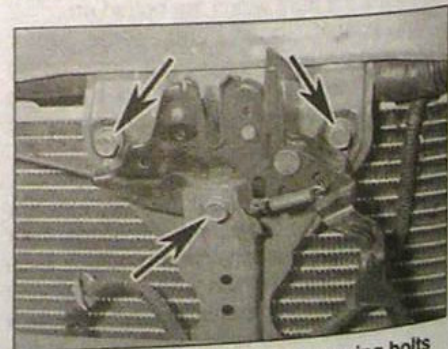
### 12 Door inner trim panel - removal and refitting



### Front door trim panel

#### Removal (driver's door)

- 1 Disconnect the battery negative terminal (refer to *Disconnecting the battery* in the Reference Section of this manual).



10.2 Unscrew the three securing bolts (arrowed), and remove the lock assembly from the body panel



# Chapter 11 Part B:

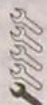
## Bodywork and fittings - Phase III models

### Contents

Body exterior fittings - removal and refitting	23	General information	1
Bonnet - removal, refitting and adjustment	8	Hinge and lock lubrication	See Chapter 1
Bonnet lock - removal and refitting	10	Interior trim panels - removal and refitting	26
Bonnet release cable - removal and refitting	9	Maintenance - bodywork and underframe	2
Boot lid and support struts - removal, refitting and adjustment	15	Maintenance - upholstery and carpets	3
Boot lid lock components - removal and refitting	17	Major body damage - repair	5
Central locking system components - removal and refitting	19	Minor body damage - repair	4
Centre console - removal and refitting	27	Rear bumper - removal and refitting	7
Door - removal, refitting and adjustment	11	Seat belt components - removal and refitting	25
Door handle and lock components - removal and refitting	13	Seats - removal and refitting	24
Door inner trim panel - removal and refitting	12	Sunroof - general information	22
Door window glass and regulator - removal and refitting	14	Tailgate and support struts - removal, refitting and adjustment	16
Exterior mirror and associated components - removal and refitting	20	Tailgate lock and handle components - removal and refitting	18
Facia panels - removal and refitting	28	Windscreen, tailgate and fixed windows - general information	21
Front bumper - removal and refitting	6		

### Degrees of difficulty

Easy, suitable for novice with little experience



Fairly easy, suitable for beginner with some experience



Fairly difficult, suitable for competent DIY mechanic



Difficult, suitable for experienced DIY mechanic



Very difficult, suitable for expert DIY or professional



### Specifications

#### Torque wrench settings

	Nm	lbf ft
Door hinge bolts	23	17
Door lock striker bolts	15	11
Front seat securing bolts	50	37
Seat belt mounting bolts	50	37

#### 1 General information

The bodyshell is made of pressed-steel sections, and is available in four-door Saloon, five-door Hatchback, and five-door Estate versions. Most components are welded together, but some use is made of structural adhesives; the front wings are bolted on.

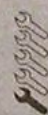
The bonnet, door, and some other vulnerable panels, are made of zinc-coated metal, and are further protected by being coated with an anti-chip primer, prior to being sprayed.

Extensive use is made of plastic materials, mainly in the interior, but also in exterior components. The outer sections of the front and rear bumpers are injection-moulded from a synthetic material which is very strong, and yet light. Plastic components such as wheel arch liners are fitted to the underside of the vehicle, to improve the body's resistance to corrosion.

**Note:** This Chapter is divided into two Parts; A

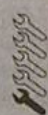
and B. Part A covers bodywork and fittings on Phase I models, (1990 to June 1993) and Phase II models (June 1993 to October 1996). Phase III models (October 1996 to September 1999) are covered in Part B of this Chapter.

#### 2 Maintenance - bodywork and underframe



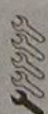
Refer to Chapter 11A, Section 2.

#### 3 Maintenance - upholstery and carpets



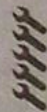
Refer to Chapter 11A, Section 3.

#### 4 Minor body damage - repair



Refer to Chapter 11A, Section 4.

#### 5 Major body damage - repair



Refer to Chapter 11A, Section 5.

#### 6 Front bumper - removal and refitting



#### Removal

1 To improve access, apply the handbrake, then jack up the front of the car and support it on axle stands (see *Jacking and Vehicle Support*).

2 On models with front foglights, remove the foglights as described in Chapter 12B.

3 Working under one of the wheel arches, remove the securing screw and release the clips securing the lower end of the wheel arch liner to the body and the bumper. Repeat the procedure on the remaining side of the vehicle.