

76 - CHASSIS AND BODY

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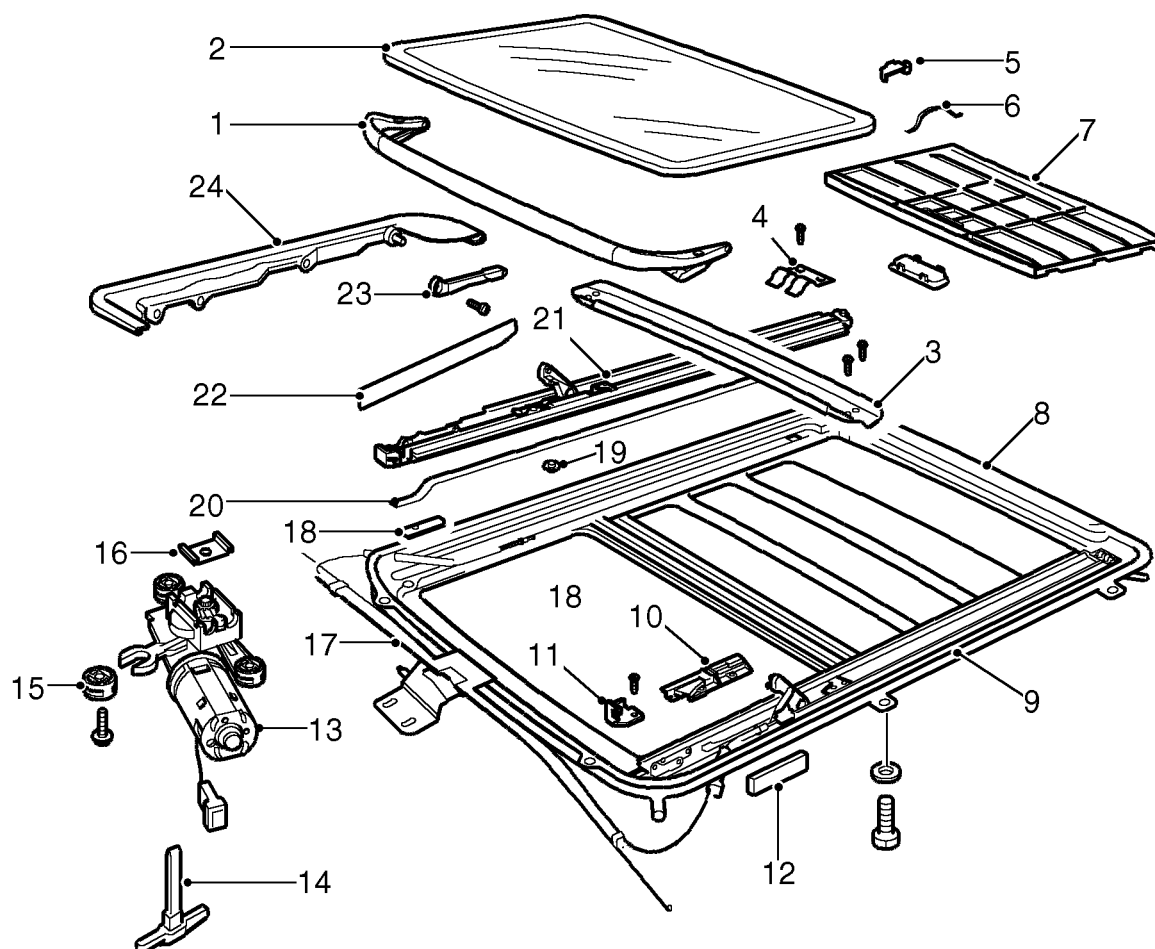
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SUNROOF



76M2793

- | | |
|----------------------|------------------------------------|
| 1. Wind deflector | 13. Sunroof motor |
| 2. Sunroof panel | 14. Special key |
| 3. Drain channel | 15. Spacer |
| 4. Rear stop spring | 16. Insert |
| 5. Slide block | 17. Cable assemblies |
| 6. Spring | 18. Wind deflector gasket |
| 7. Sunshade | 19. Guide gasket |
| 8. Frame | 20. Seal |
| 9. Guide assembly LH | 21. Guide assembly RH |
| 10. Locator | 22. Cover |
| 11. Lifter block | 23. Lever |
| 12. Anti-rattle pad | 24. Sunroof panel attachment frame |

DESCRIPTION

The sunroof is electrically operated through a rocker switch located on the centre console. An electric motor, attached to the sunroof frame, drives the glass sunroof panel to the tilt or open positions. The glass panel is operated by two cables which are driven by the motor.

The sunroof frame is bolted to eight mounting points on the roof panel. The frame is constructed from pressed steel and supports all of the sunroof components. A bracket at the front of the frame provides an attachment point for the sunroof motor. The motor is supported on the frame with three spacers and secured with three self tapping screws.

A guide is fitted to each side of the sunroof frame. Each guide has an attachment at its forward end for the sunroof panel. The rear of the panel is attached to each guide on levers which operate the tilt function. The forward attachments and the levers slide in the guide to allow the panel to move in the desired position. Each lever has a peg located in a curved slot in the guide.

The sunroof motor has a worm drive which drives a gear in a cast housing attached to the end of the motor. The gear has a small pinion gear attached to the outer part of its spindle. The pinion engages with the spiral cables to form a rack and pinion drive. Rotation of the motor turns the pinion which in turn drives the cables in the required direction.

The two cables are attached either side of the pinion. One end of each cable is attached to the guide. The opposite end is clamped in its position on the pinion by a riveted bracket. The cables run in metal tubes to the guides. As the sunroof panel is closed, the cables are pulled through the metal tubes. The displaced cable is guided into plastic tubes which protect the cable and prevent the cable snagging. The cables are made from rigid spring steel and therefore can push as well as pull the sunroof along the guides.

A sunshade is also located in the guides. When the sunroof panel is closed or tilted, the sunshade can be retracted or pulled forward to cover the sunroof panel. When the sunroof panel is opened, two brackets on the sunshade engage with the panel as it is retracted. The sunshade is then pulled back by the retracting panel. When the panel is closed, the sunshade remains retracted until pulled manually to its closed position.

Drain hoses are connected to the front and rear corners of the frame. The drain hoses are located inside the 'A' and 'D' post pillars to allow water which has collected in the frame to escape. A one way valve is fitted to the end of each drain hose to prevent the ingress of dirt and moisture.



OPERATION

The sunroof can be operated with the ignition switch in position I or II. The sunroof can also be operated for up to 45 seconds after the ignition is switched off provided the driver's door is not opened. When the driver's door is opened, a further 45 second period commences. During the 45 second period the one touch function is inoperative.

If a failure of the sunroof motor occurs for whatever reason, the sunroof can be closed manually. Removal of the interior courtesy lamp allows the fitment of a special key into a slot in the motor drive. The sunroof can then be manually driven to the closed position.

The motor contains a microswitch and a Hall effect sensor. Two gears, driven by the motor at one end of the pinion drive spindle, trip the microswitch every thirteen revolutions of the spindle. When the microswitch is tripped, an open circuit signal is sensed by the Body electrical Control Module (BeCM). The signal from the microswitch, combined with signals received from the Hall effect sensor, are used by the BeCM to calculate the exact position of the sunroof. The Hall effect sensor is also responsible for the operation of the anti-trap function.

Tilt Operation

With the sunroof panel closed, pushing the lower part of the rocker switch operates the sunroof motor to 'tilt' the rear of the sunroof upwards. The motor operates for as long as the switch is operated until the glass is tilted to its full extent. If the switch is released before the full tilt position is reached, the sunroof panel stops at the chosen position.

When the tilt function is requested, the cables pull the guide forward, forcing the peg on each lever to move in the slot which raises the sunroof panel to the tilt position.

With the sunroof panel in the tilted position, pushing the upper part of the rocker switch, operates the sunroof motor to lower the sunroof panel. The motor operates to lower the panel for as long as the switch is operated until the panel is fully lowered. If the switch is released before the fully lowered position is reached, the sunroof panel stops at the chosen position.

Open (slide) Operation

With the sunroof panel closed, pushing the upper part of the rocker switch operates the sunroof motor to lower the sunroof panel and retract it backwards. If the switch is held, the motor operates until the switch is released or the panel reaches its fully open position. If the switch is pushed momentarily (less than 0.5 seconds), the panel will retract automatically to a half open position. A second short push on the switch will automatically retract the panel fully. When the panel retracts, a wind deflector automatically raises at the front of the sunroof aperture which serves to reduce wind noise.

When the open function is requested, the cables pull the guide in a rearward direction, forcing the peg on the lever to move in the slot which lowers the rear of the sunroof panel below the roof. As the panel begins to move, the forward panel attachments slide down a ramp in the guide, lowering the forward end of the panel below the roof.

With the sunroof panel half or fully open, pushing the lower part of the switch operates the motor to close the sunroof panel. If the switch is held, the panel closes until the switch is released or the panel reaches its fully closed position. If the switch is pushed momentarily (less than 0.5 seconds), the panel will close automatically until it reaches the half open position. A second short push on the switch will automatically close the panel fully.

The sunroof has an 'anti-trap' function which prevents the sunroof panel from closing if an obstruction is sensed. When an obstruction is sensed, the motor will automatically retract the panel to the half or fully open position. A message 'SUNROOF BLOCKED' is displayed on the message centre in the instrument pack. When the obstruction is removed, the panel can be closed by the normal method.

Battery Disconnection

If the battery has been disconnected, the one touch and anti-trap function will become inoperative. These functions can be reset by fully opening and closing, then fully tilting and closing the sunroof panel in one continuous operation. An audible warning will sound and 'SUNROOF NOT SET' will be displayed on the message centre in the instrument pack when the sunroof is being operated.

When the above procedure has been successfully completed, an audible warning will sound and 'SUNROOF SET' will be displayed on the message centre.



FRONT DOOR

Service repair no - 76.28.07

NOTE: Adjustment should not be necessary unless door or hinges have been renewed.

Alignment of door to aperture.

1. Gain access to 'A' post hinge bolts by removing relevant wheel arch liner. **See Repair.**
2. Slacken 2 bolts securing striker to 'B/C' post.
3. Slacken 6 bolts securing door hinges to 'A' post.
4. With assistance, adjust door position in aperture. Tighten hinge bolts to **30 Nm. (22 lbf.ft)**

Profile adjustment, door skin/frame to adjacent body panels.

5. Slacken 4 bolts securing hinges to door.
6. With assistance adjust inboard/outboard position of door. Tighten hinge bolts to **30 Nm. (22 lbf.ft)**



CAUTION: Ensure that leading edge of door is flush with adjacent panels or wind noise will result.

7. When alignment of door is correct, adjust height and inboard/outboard position of striker. Tighten striker bolts. Check for correct door latching.
8. Slacken bolts and readjust striker position as necessary. Tighten striker bolts to **22 Nm. (16 lbf.ft)**
9. Fit wheel arch liner. **See Repair.**

REAR DOOR

Service repair no - 76.28.08

NOTE: Adjustment should not be necessary unless door or hinges have been renewed.

1. Open door and slacken 2 bolts securing striker to 'D' post.
2. Open front door and slacken 6 bolts securing rear door hinges to 'B/C' post.
3. With assistance, adjust door position in aperture and tighten hinge bolts to **25 Nm. (18 lbf.ft)**
4. To adjust profile of door skin and frame relative to adjacent body panels, slacken 4 bolts securing hinges to door.
5. With assistance adjust inboard/outboard position of door. Tighten hinge bolts to **25 Nm. (18 lbf.ft)**



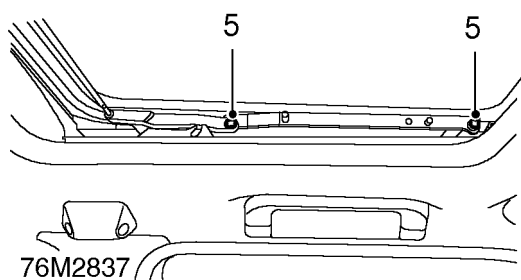
CAUTION: Ensure that leading edge of door is flush with adjacent panels or wind noise will result.

6. When alignment of door is correct, adjust height and inboard/outboard position of striker. Tighten striker bolts and check for correct door latching.
7. Slacken bolts and readjust striker position as necessary. Tighten striker bolts to **22 Nm (16 lbf.ft).**

SUNROOF - PANEL

Service repair no - 76.82.04**Adjust**

1. Slide back sunshade.
2. Tilt sunroof panel.
3. Remove mechanism covers. **See Repair.**
4. Close sunroof panel.



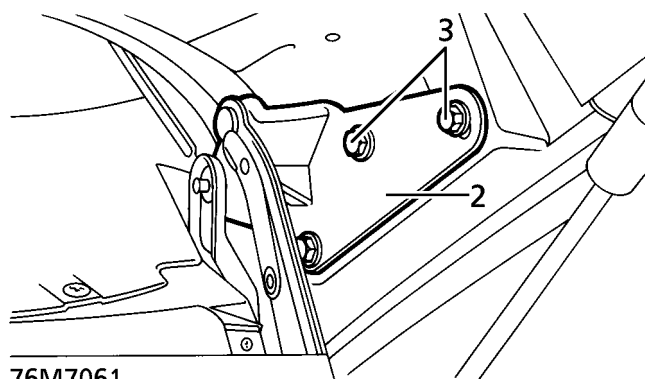
5. Slacken 4 Torx screws, securing mechanism to sunroof panel.
6. Align sunroof panel to aperture in roof.
7. Position leading edge of sunroof panel so that it is flush or not more than 0.5 mm lower than roof outer surface.
8. Position trailing edge of sunroof panel so that it is flush or not more than 0.5 mm higher than roof outer surface.
9. Hold in position and torque tighten Torx screws to **6 Nm (4.5 lbf.ft)**.
10. Tilt sunroof panel.
11. Fit mechanism covers.
12. Close sunroof panel.

BONNET

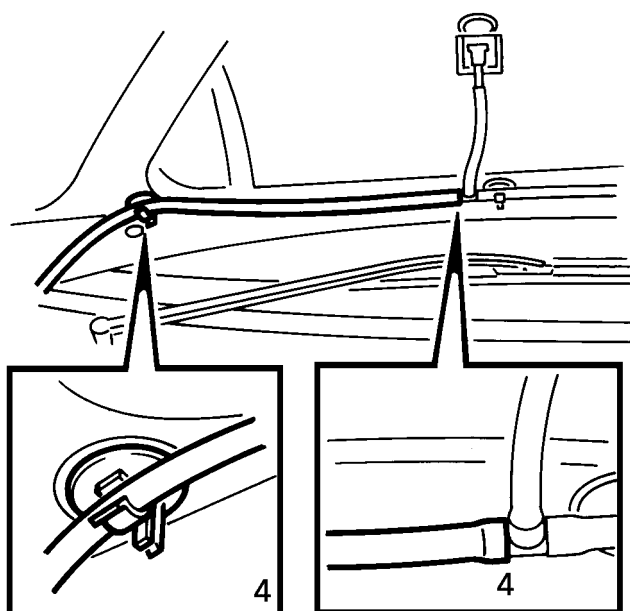
Service repair no - 76.16.01

Remove

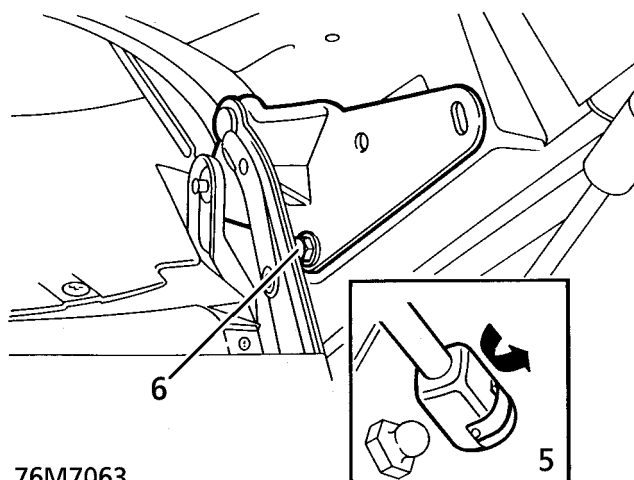
1. Open bonnet.
2. Mark hinge outlines on bonnet.
3. Remove 2 hinge bolts from each side.



4. Disconnect washer tube at T piece on bonnet, release tube from clip.



5. With assistance, release bonnet support struts at lower ends.
6. With assistance, remove 2 remaining hinge bolts and remove bonnet.



Refit

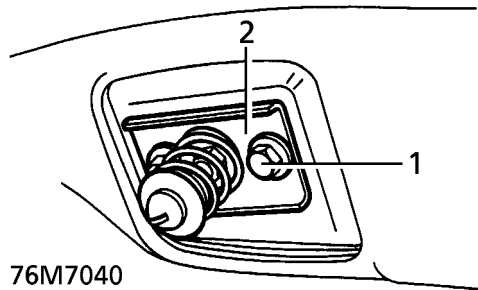
7. With assistance, fit bonnet. Fit, but do not tighten bolts.
8. With assistance, connect bonnet support struts.
9. Connect washer tube, secure to clip.
10. Close bonnet, check alignment.
11. Open bonnet, tighten hinge bolts.
12. Close bonnet.

BONNET LOCK PIN

Service repair no - 76.16.24

Remove

1. Remove bolts securing lock pin to bonnet.
2. Remove pin.

**Refit**

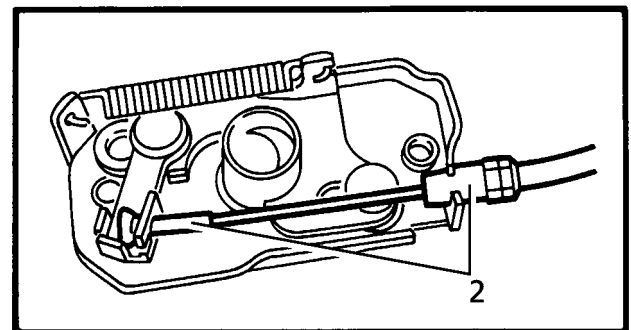
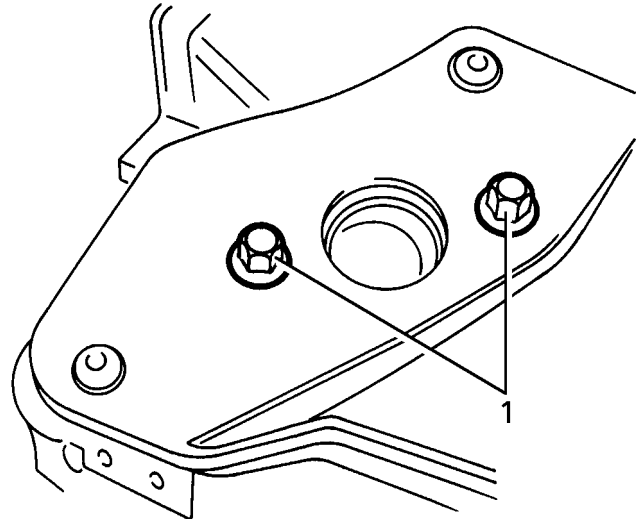
3. Position lock pin to bonnet.
4. Fit bolts but do not tighten.
5. Close and open bonnet to align pin.
6. Secure pin with bolts.
7. Lubricate pin.

BONNET LOCK - LEFT HAND

Service repair no - 76.16.21

Remove

1. Remove bolts securing bonnet lock.



76M7118

2. Release outer and inner cables from lock.
3. Remove lock.

Refit

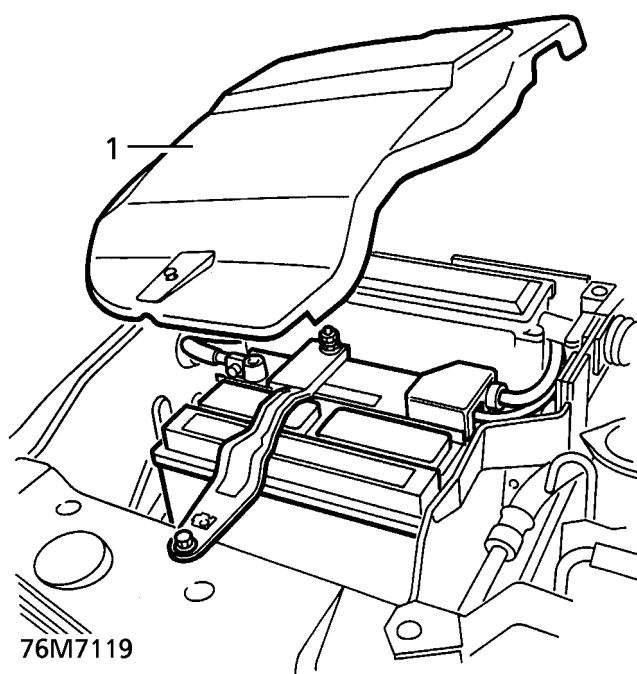
4. Reverse removal procedure.

BONNET LOCK - RIGHT HAND

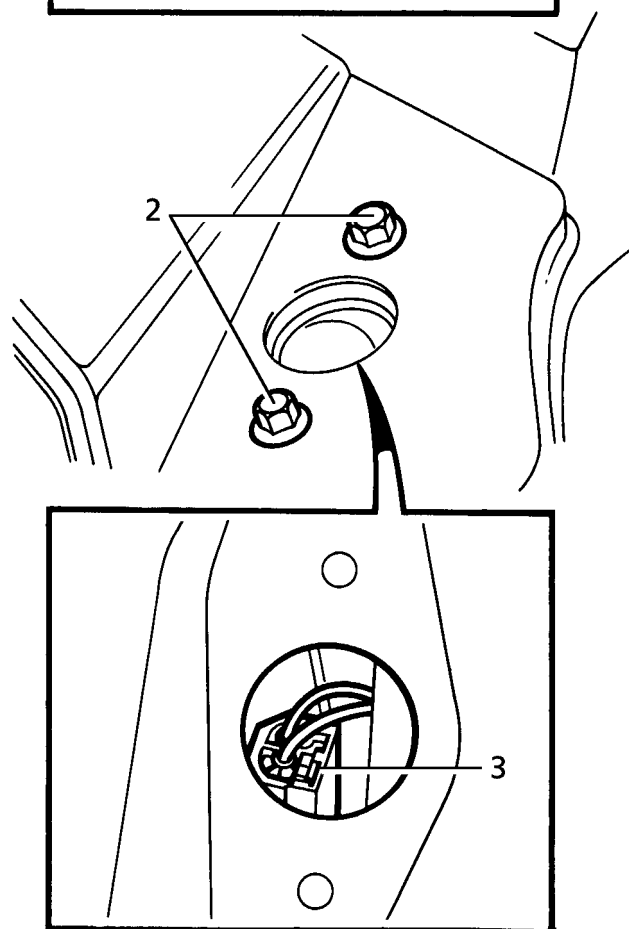
Service repair no - 76.16.25

Remove

1. Release 3 turnbuckles securing battery cover.
Remove cover



2. Remove 2 bolts securing bonnet lock to platform.



3. Manoeuvre lock and disconnect alarm switch multiplug.
4. Release inner and outer cables from lock.
5. Remove lock.

Refit

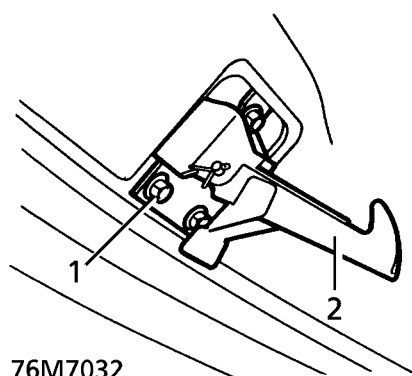
6. Reverse removal procedure.

BONNET SAFETY CATCH

Service repair no - 76.16.34

Remove

1. Remove bolts securing safety catch to bonnet.
2. Remove safety catch.

**Refit**

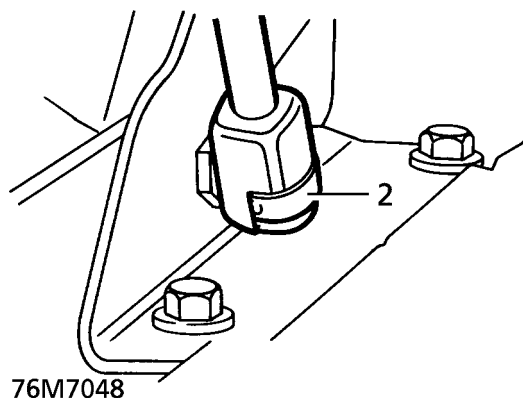
3. Position catch to bonnet.
4. Fit bolts, do not tighten.
5. Close and open bonnet to align catch.
6. Secure catch with bolts.

BONNET STRUT

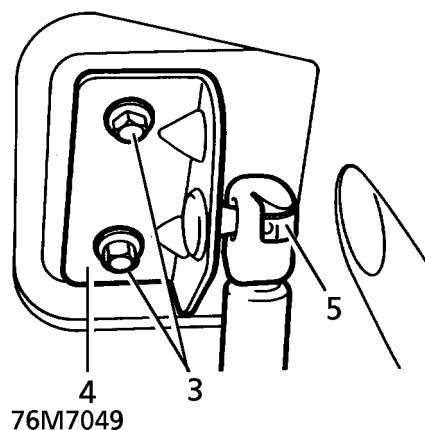
Service repair no - 76.16.14

Remove

1. Support bonnet in open position.
2. Release clip securing strut lower ball joint.



3. Remove screws securing strut bracket to bonnet.
4. Remove strut and bracket.



5. Remove strut from bracket.

Refit

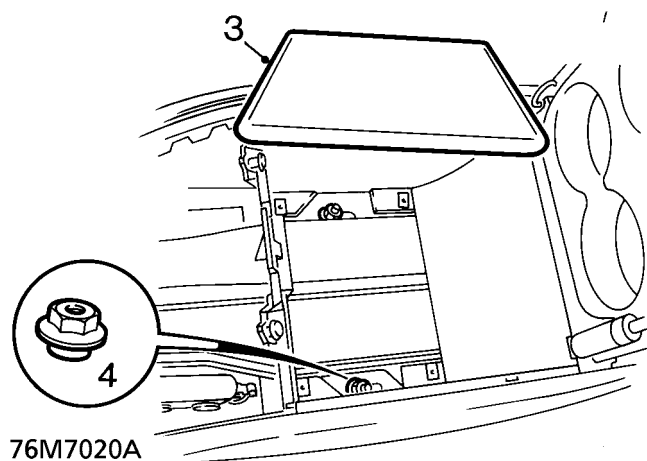
6. Fit strut to bonnet bracket, fit to bonnet.
7. Secure strut to lower ball joint.
8. Fit bracket screws. Remove support, close bonnet.

CENTRE CONSOLE

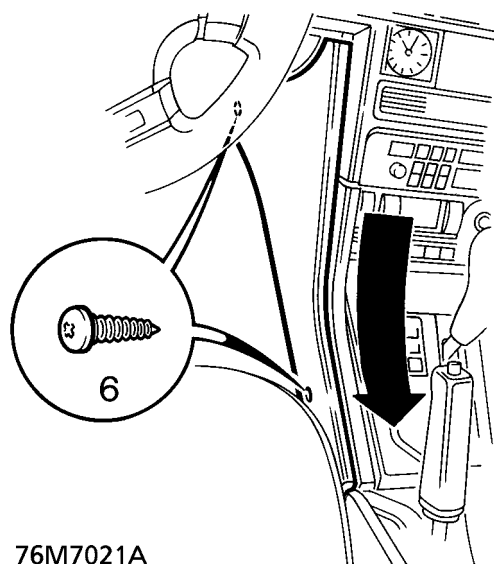
Service repair no - 76.25.01

Remove

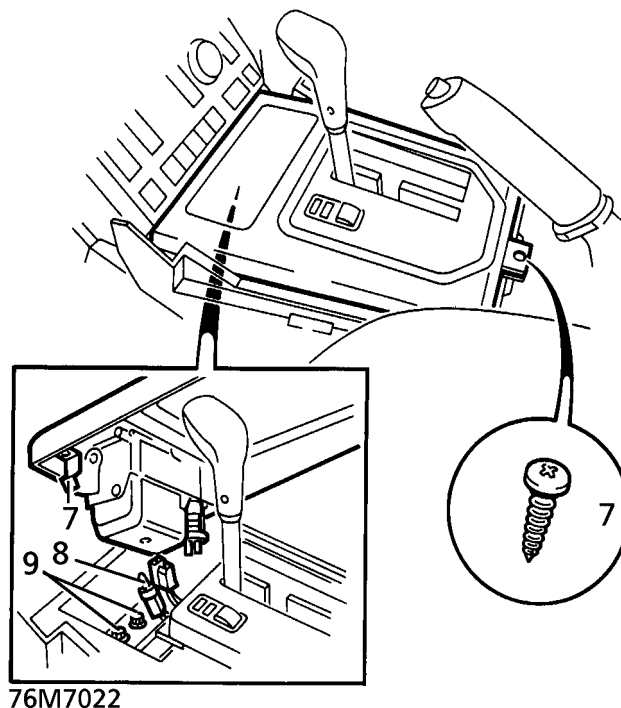
1. Remove electric window switch pack. **See ELECTRICAL, Repair.**
2. Disconnect rear footwell lamp multiplug.
3. Remove base in console bin.



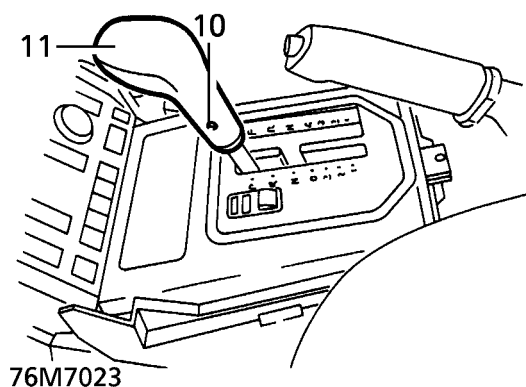
4. Remove nuts securing rear of console to floor studs.
5. Move both front seats fully rearward.
6. Remove 2 screws securing each side panel to centre console. Release sprag clips from fascia switch pack by firmly pulling rearwards. Remove side panels.



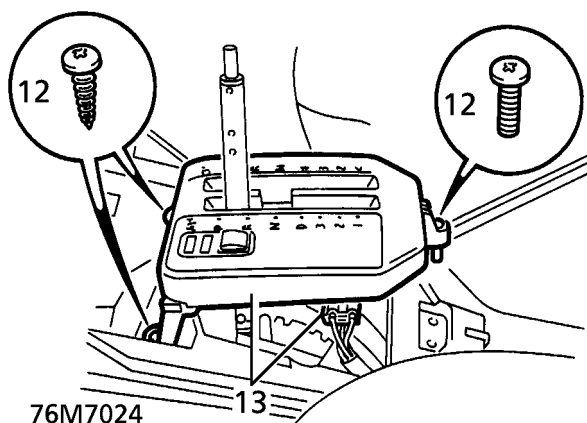
7. Remove screw at rear of gear lever applique. Raise rear end of applique to disengage 2 spring clips at forward end.



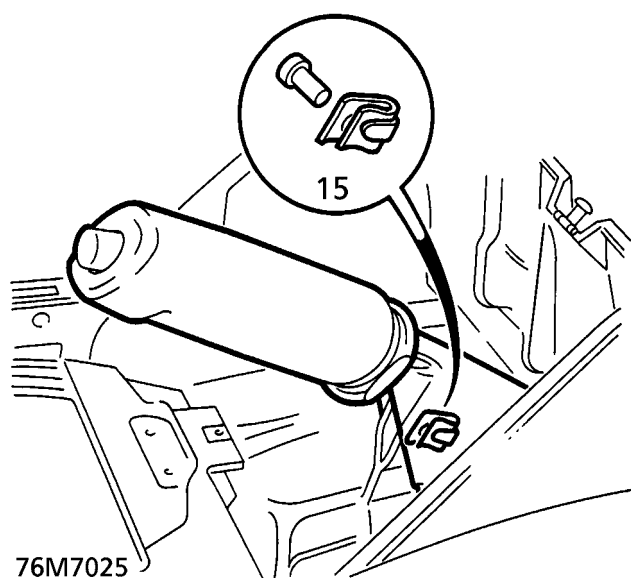
8. Disconnect cigar lighter multiplug, release cigar lighter bulb. Remove gear lever applique.
9. **Manual gearbox models:** Remove gear knob. Remove 2 bolts securing front of console to floor.
10. **Automatic gearbox models:** Remove 2 screws securing selector lever.
11. Remove selector lever.



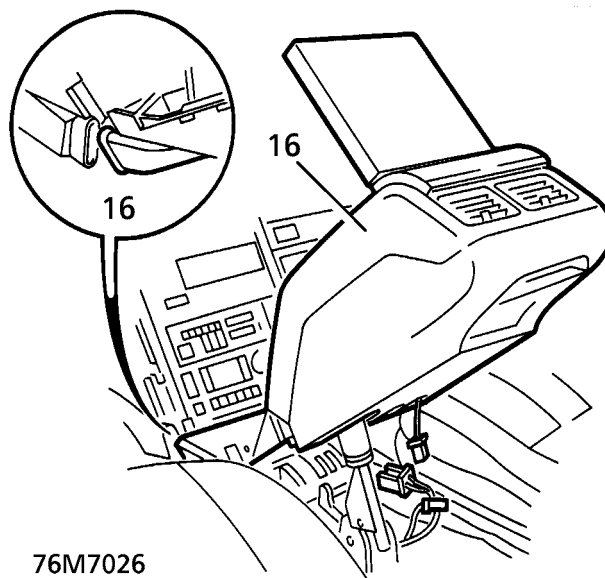
12. Remove 3 screws securing selector graphics plate.
13. Raise selector graphics plate, disconnect multiplug.



14. Remove selector graphics plate.
15. **All models:**
Remove clip securing park brake lever clevis pin, remove clevis pin. Raise park brake lever to vertical position.



16. Raise rear of console to disengage rear vent ducts. Remove centre console.



Refit

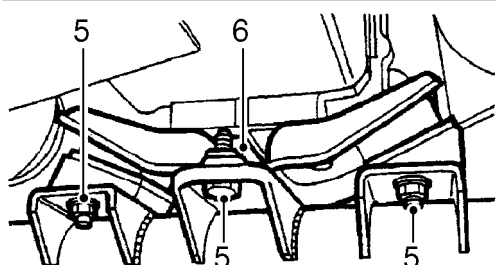
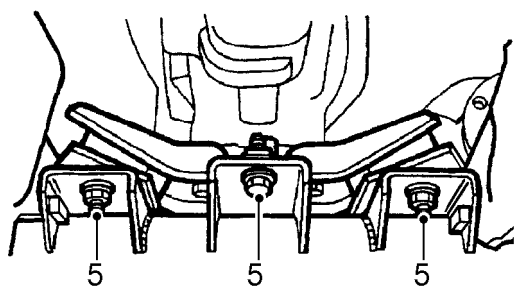
17. Fit centre console, ensuring that ducts to rear fresh air vents are correctly engaged.
18. Fit nuts securing centre console to floor.
19. Automatic - position graphics plate over selector lever, connect multiplug.
20. Align graphics plate to console, secure with screws.
21. Fit selector lever, secure with screws.
22. Manual - secure front of centre console to floor with bolts.
23. Fit gear knob.
24. Lower park brake lever, fit clevis pin and secure pin with clip.
25. Position gear/selector lever applique, connect cigar lighter multiplug and insert illumination bulb in holder.
26. Engage applique clips to console. Secure applique with screw.
27. Position console side panels. Firmly push forward to engage sprag clips into fascia switch pack. Fit and tighten screws.
28. Return front seats to original positions.
29. Fit base to console bin, tighten with screws.
30. Connect rear footwell lamp multiplug.
31. Fit electric window switch pack. **See ELECTRICAL, Repair.**

CHASSIS CROSS MEMBER

Service repair no - 76.10.92

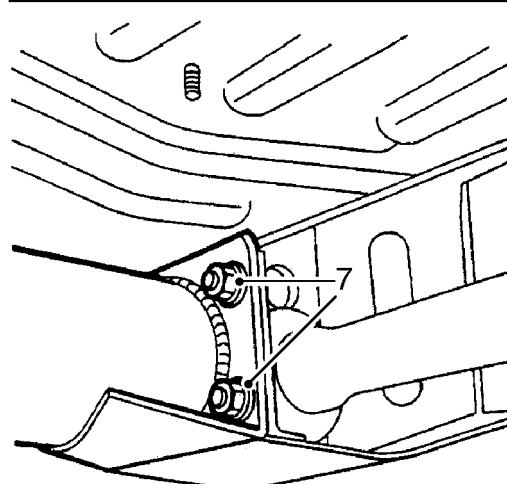
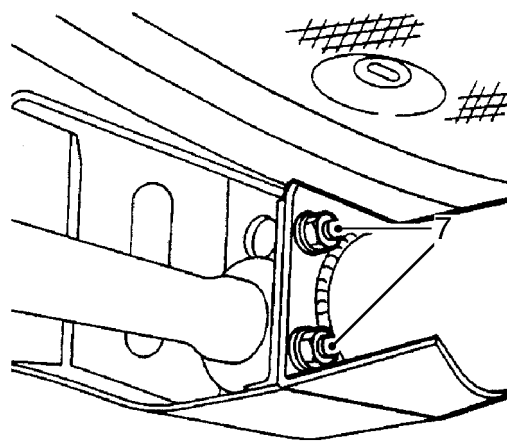
Remove

1. Release fixings and remove battery cover.
2. Disconnect battery earth lead.
3. Raise vehicle on 4 post ramp.
4. Support gearbox on a suitable jack.



M76 3193

5. Remove 4 nuts and 2 bolts securing gearbox mounting to crossmember and discard nuts.
6. Remove gearbox snubber bar.



M76 3194

7. Remove 3 of 4 nuts and bolts securing each side of crossmember to chassis.
8. With assistance, remove 2 remaining nuts and bolts securing crossmember and remove crossmember.

Refit

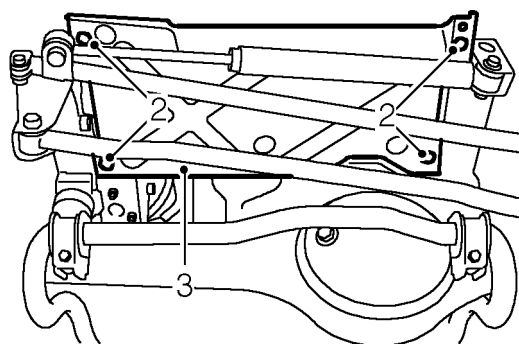
9. With assistance, fit crossmember and tighten nuts and bolts to **45 Nm (33 lbf.ft)**.
10. Fit gearbox snubber bar and tighten bolts to **45 Nm (33 lbf.ft)**.
11. Fit new nuts securing gearbox mounting to crossmember and tighten to **45 Nm (33 lbf.ft)**.
12. Remove support from gearbox.
13. Lower vehicle.
14. Connect battery earth lead.
15. Fit battery cover and secure with fixings.

ENGINE ACOUSTIC COVER

Service repair no - 76.11.06

Remove

1. Raise front of vehicle.

**WARNING: Support on safety stands.**

76M7237

2. Release 4 threaded fasteners securing engine acoustic cover to chassis brackets.
3. Release acoustic cover from brackets and manoeuvre past steering gear.

Refit

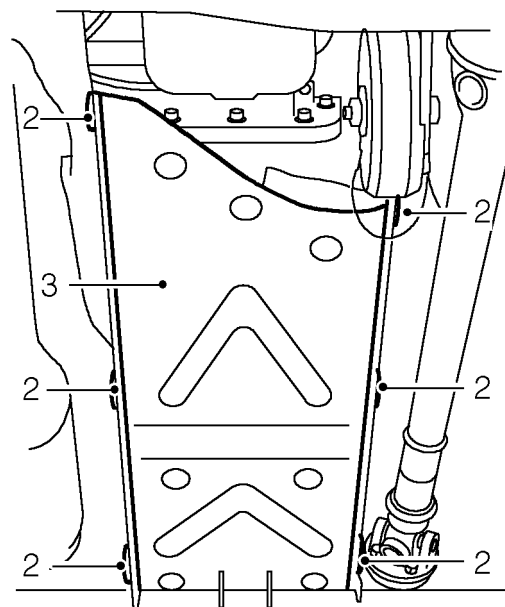
4. Fit acoustic cover to brackets and secure with threaded fasteners.

GEARBOX LOWER ACOUSTIC COVER

Service repair no - 76.11.13

Remove

1. Raise front of vehicle.

**WARNING: Support on safety stands.**

76M7238

2. Release 6 threaded fasteners securing lower acoustic cover to side acoustic covers.
3. Remove lower acoustic cover.

Refit

4. Fit acoustic cover to side acoustic covers.
5. Tighten threaded fasteners securing lower cover to side covers.
6. Remove stand(s) and lower vehicle.



GEARBOX ACOUSTIC COVER - RH

Service repair no - 76.11.14

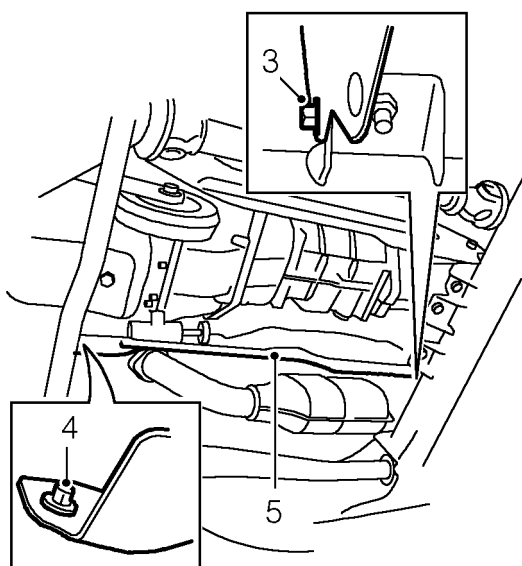
Remove

1. Raise front of vehicle.



WARNING: Support on safety stands.

2. Remove gearbox lower acoustic cover. **See this section.**



76M7240

3. Remove bolt securing RH acoustic cover to crossmember.
4. Remove bolt securing RH acoustic cover to chassis member.
5. Remove gearbox RH acoustic cover.

Refit

6. Fit acoustic cover to chassis and secure with bolts.
7. Fit gearbox lower acoustic cover. **See this section.**

GEARBOX ACOUSTIC COVER - LH

Service repair no - 76.11.15

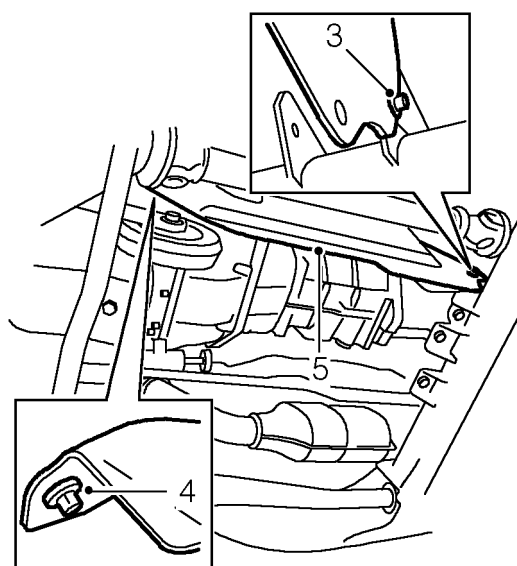
Remove

1. Raise front of vehicle.



WARNING: Support on safety stands.

2. Remove gearbox lower acoustic cover. **See this section.**



76M7239

3. Remove bolt securing LH acoustic cover to crossmember.
4. Remove bolt securing LH acoustic cover to chassis member.
5. Remove gearbox LH acoustic cover.

Refit

6. Fit acoustic cover to chassis and secure with bolts.
7. Fit gearbox lower acoustic cover. **See this section.**

FRONT BUMPER VALANCE

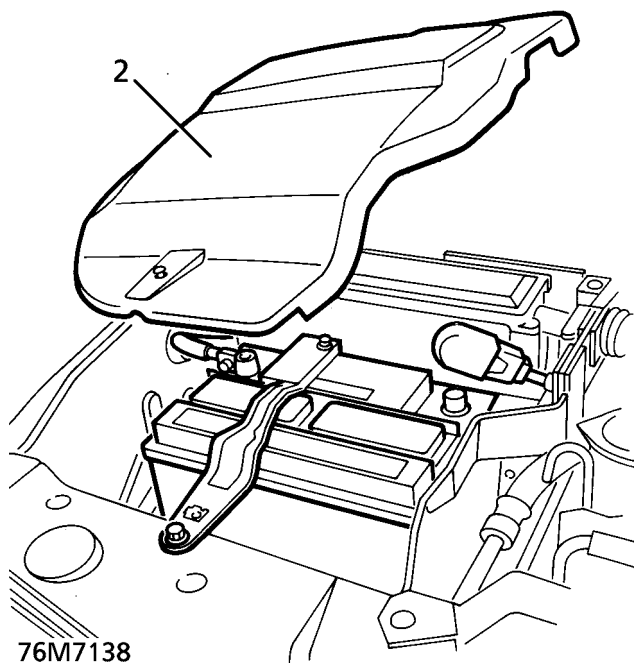
Service repair no - 76.22.72

Remove

1. Raise the vehicle.

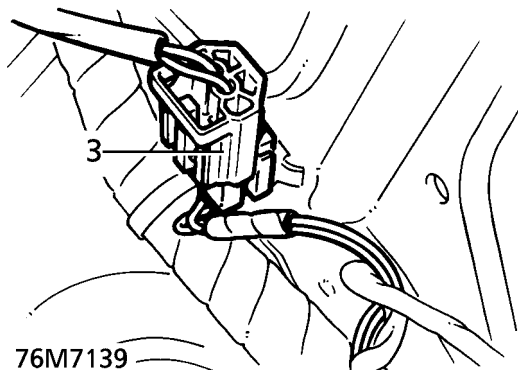
**WARNING: Support on safety stands.**

2. Remove battery cover for access to RH fog lamp.

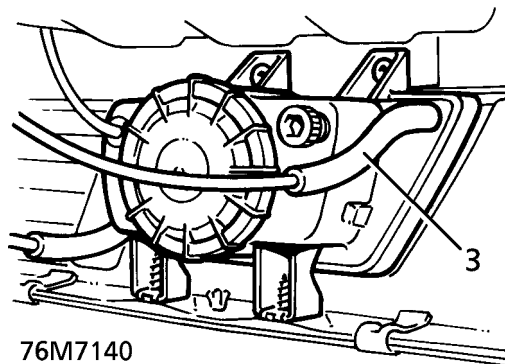


76M7138

3. Disconnect fog lamp multiplugs and breather hoses.

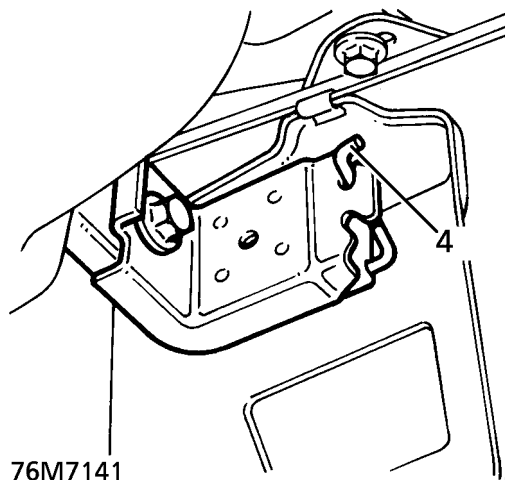


76M7139



76M7140

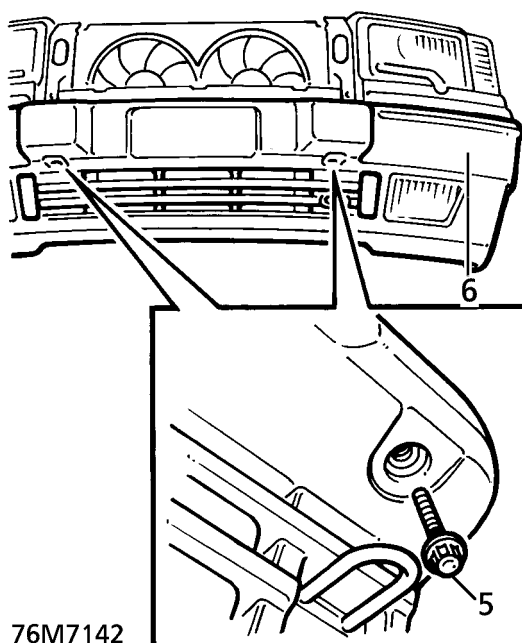
4. Release 2 clips securing bumper ends to mounting brackets.



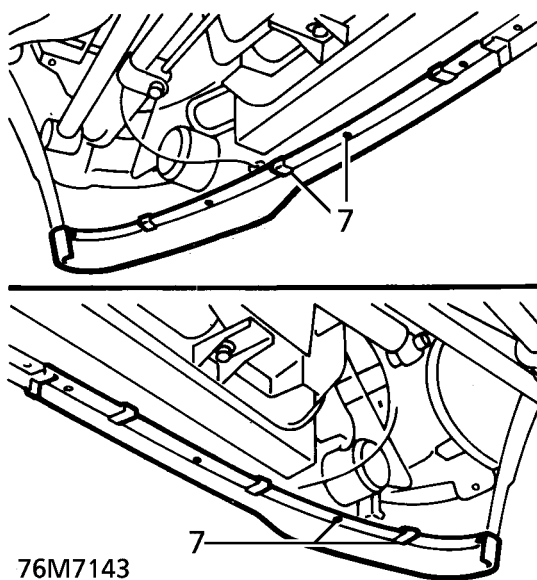
76M7141

**CAUTION:** Loosen bolts securing bumper end mounting brackets to chassis frame to avoid damage to sealing rubber during bumper remove and refit.

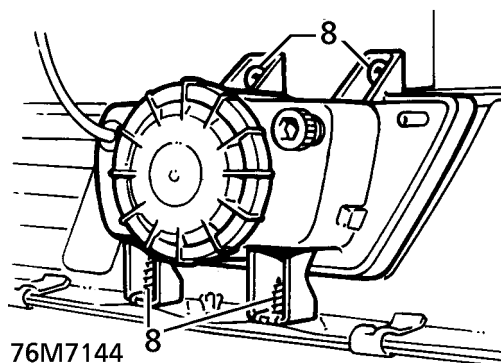
5. Remove 2 bumper bolt access plugs from bumper valance. Remove bolts.



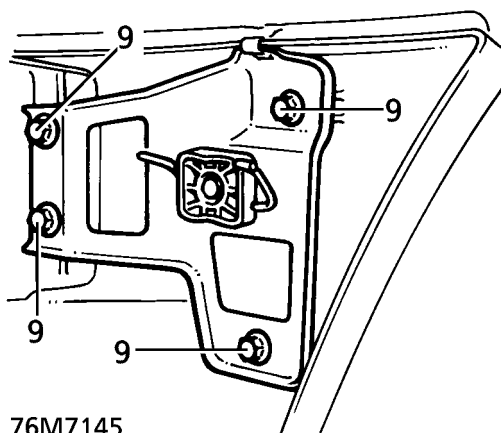
6. With assistance remove bumper assembly. **Do not carry out further dismantling if component is removed for access only.**
7. Remove 8 studs and 6 clips securing extensions spoiler. Remove extension.



8. Remove 8 screws securing fog lamps. Remove lamps.



9. Remove 8 bolts securing bumper end brackets to bumper. Remove brackets.



WARNING: If front bumper is damaged due to impact, the impact cans must be inspected. There must be no visible deformation. The overall length must be 188.25 mm \pm 0.5 mm. Replace the impact cans if necessary.

Refit

10. Fit end brackets and secure with bolts. Fit fog lamps and secure with screws.
11. Fit extension and secure with clips and studs.
12. With assistance fit bumper assembly, tighten bolts to **70Nm. (52 lbf.ft)**
13. Fit bolt access plugs.
14. Align end brackets, tighten bolts and secure bumper end clips.
15. Connect fog lamp multiplugs and breather hoses, fit battery cover.
16. Remove safety stands. Lower vehicle.

EXTENSION SPOILER FRONT BUMPER

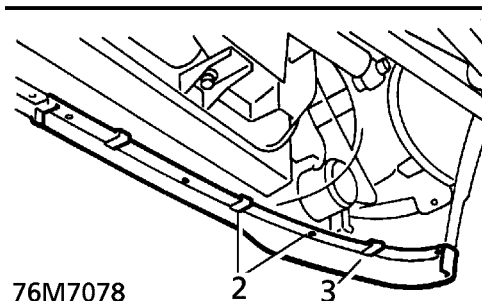
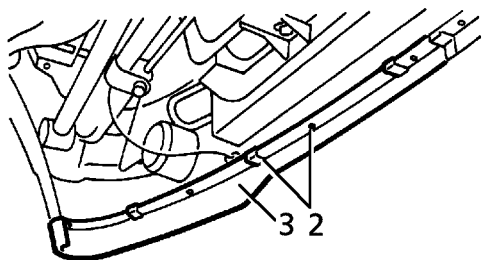
Service repair no - 76.22.78

Remove

1. Raise the vehicle.

**WARNING: Support on safety stands.**

2. Remove 8 studs and 6 clips securing spoiler to front bumper.
3. Remove spoiler halves.



76M7078

Refit

4. Fit spoiler halves to bumper. Secure with clips and studs.
5. Remove safety stands. Lower vehicle.

REAR BUMPER VALANCE

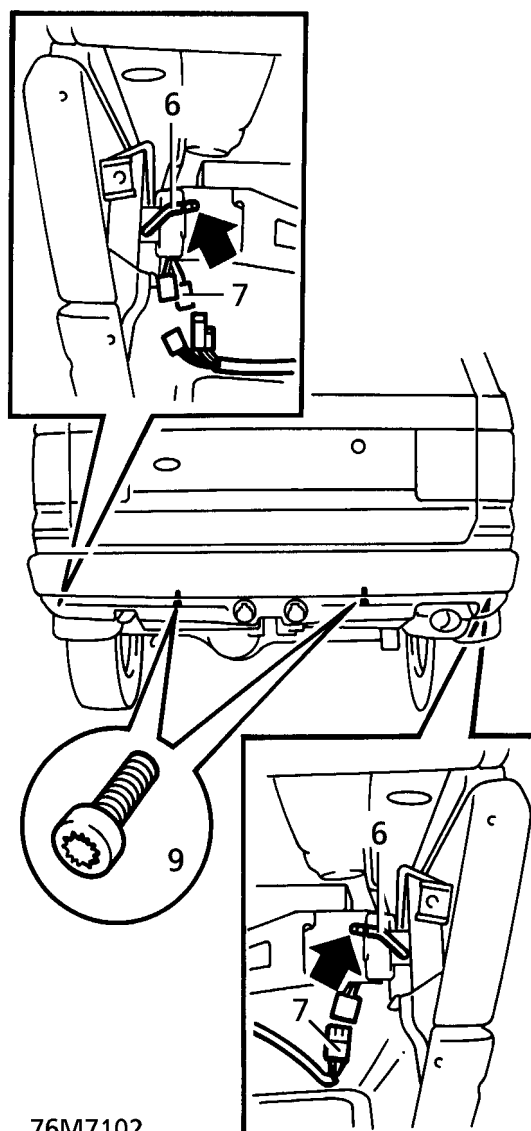
Service repair no - 76.22.74

Remove

1. Raise the vehicle.

**WARNING: Support on safety stands.**

2. Remove rear road wheels.
3. Remove 3 screws securing each mud flap. Remove mud flaps.
4. Remove 2 screws securing each wheel arch liner extension panel to rear bumper/chassis.
5. Remove 2 wheel arch liner extension panels.
6. Release 2 clips securing bumper ends to mounting brackets.



76M7102



7. Disconnect 3 towing harness multiplugs.
8. Remove 2 mounting bolt covers.
9. Remove 2 bolts securing bumper to chassis.
10. With assistance, release bumper ends from brackets. Remove bumper.

Refit

11. With assistance, position bumper. Engage nylon end supports to brackets.
12. If necessary, slacken bolts securing end support brackets. Align bumper to body. Tighten to **29 Nm. (22 lbf.ft)**
13. Fit bumper mounting bolts. Tighten to **70 Nm. (52 lbf.ft)**
14. Fit bolt covers.
15. Secure bumper end clips.
16. Connect towing harness multiplugs.
17. Position wheel arch liner extensions. Secure with screws.
18. Position mud flaps. Secure with screws.
19. Fit road wheels. Tighten to **108 Nm. (80 lbf.ft)**
20. Remove safety stands. Lower vehicle.

FASCIA ASSEMBLY

Service repair no - 76.46.23/99



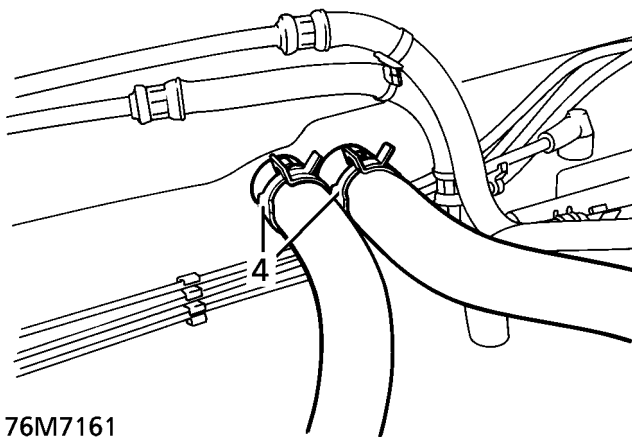
WARNING: The fascia assembly houses the heater distribution unit, blower assemblies and air conditioning evaporator. Assistance is essential during removal and refit procedures.



CAUTION: When removed from the vehicle, the fascia should be placed on a soft covered work surface, supported on suitable wooden blocks.

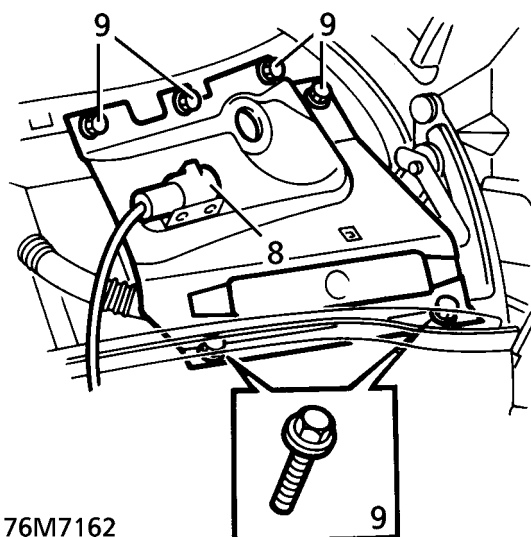
Remove

1. **Vehicles with SRS only:** Remove battery. *See ELECTRICAL, Repair.*
2. **Vehicles without SRS:** Disconnect battery negative lead.
3. Drain cooling system. *See COOLING SYSTEM, Repair.*
4. Loosen hose clips, disconnect hoses from heater pipes.



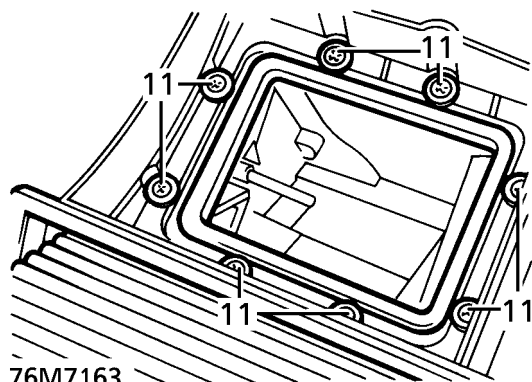
76M7161

5. Remove centre console. *See this section.*
6. Remove steering column. *See STEERING, Repair.*
7. Remove wiper motor and linkage. *See WIPERS AND WASHERS, Repair.*
8. Disconnect passenger side heated front screen multiplug. Release multiplug from clip.



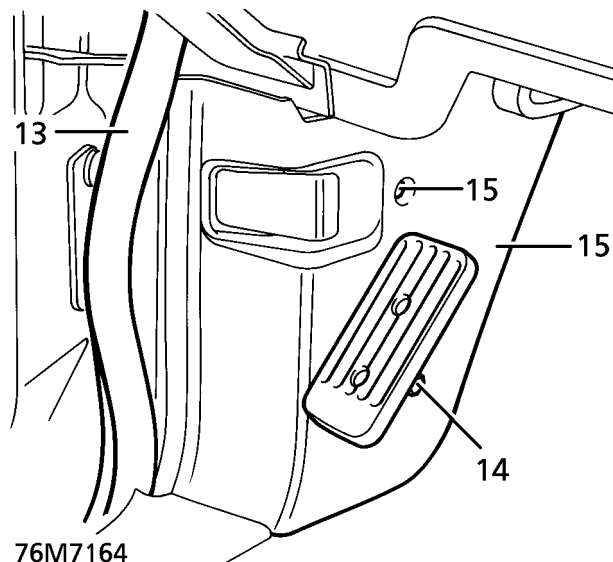
76M7162

9. Remove 6 bolts, remove remaining scuttle side panel.
10. Remove heater intake pollen filters.
11. Remove 8 screws securing each pollen filter housing. Remove both housings.



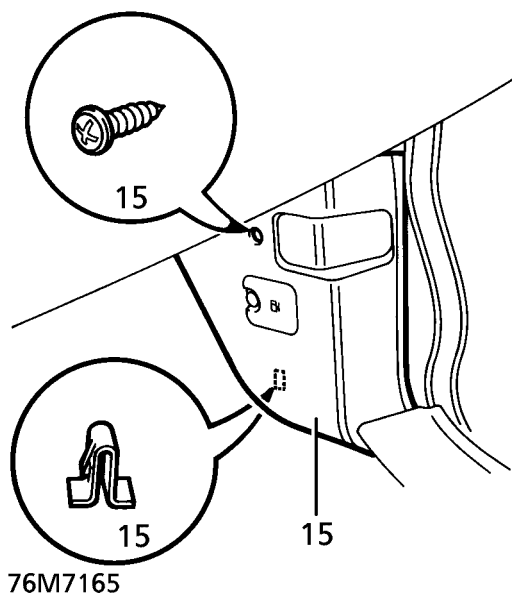
76M7163

12. Remove radio. **See ELECTRICAL, Repair.**
13. Release door aperture seal adjacent to 'A' post lower trim panels.



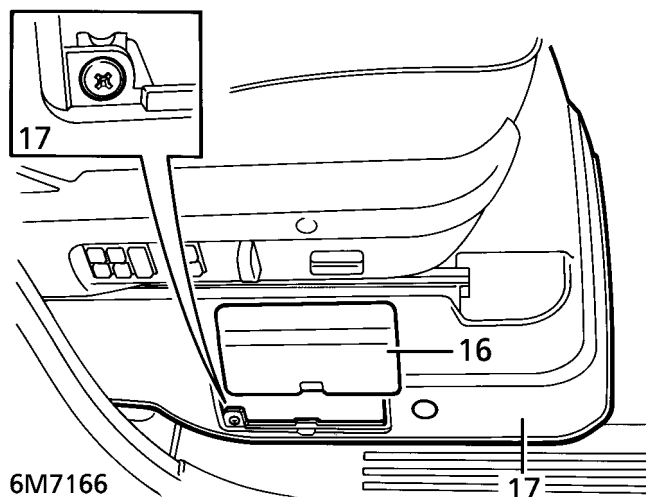
76M7164

14. **Driver's side - LHD automatic vehicles only:** Remove 3 bolts securing foot rest through 'A' post lower trim, remove foot rest.
15. Remove screw securing each 'A' post lower trim panel, release from single sprag clip, remove both trim panels.

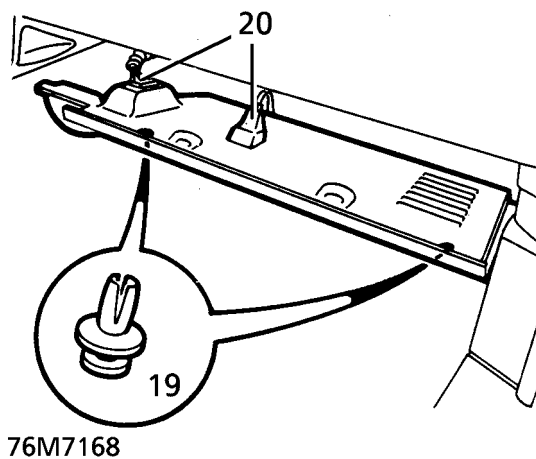


76M7165

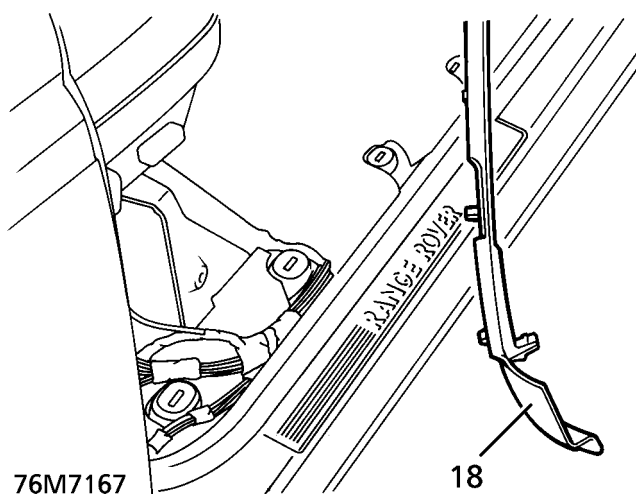
16. Remove fuse cover from driver's seat base trim.



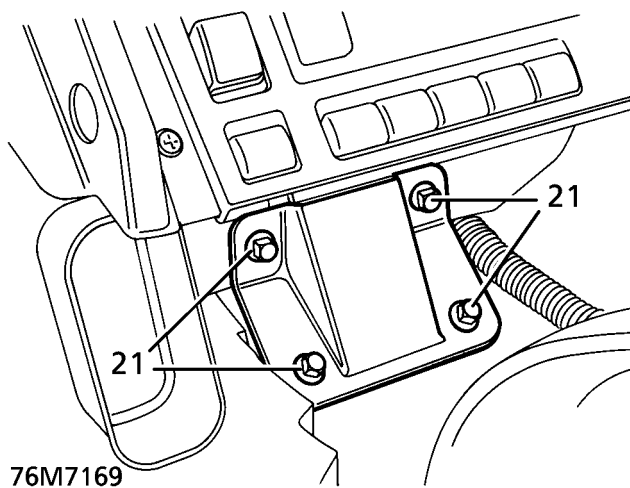
19. Remove 2 scrivet fasteners securing lower closing panel to passenger side of fascia.



17. Remove screw and 2 trim studs, remove seat base trim.



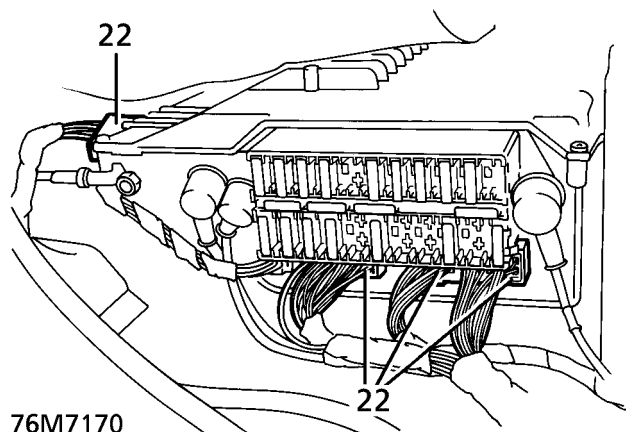
20. Release closing panel, disconnect footwell lamp, release diagnostic multiplug. Remove closing panel.



18. Release 4 sprag clips, remove driver's side carpet retainer.

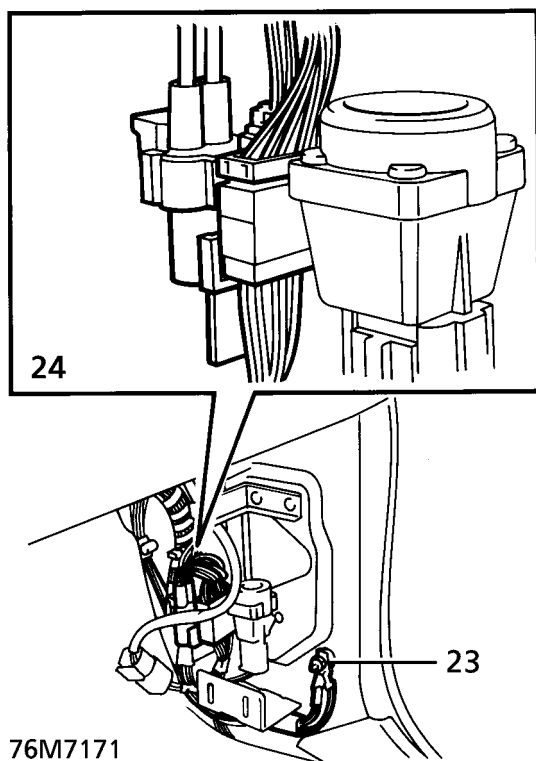
21. Remove 4 bolts, remove fascia centre bracket.

22. Disconnect 4 multiplugs from Body Electrical Control Module (BeCM)



76M7170

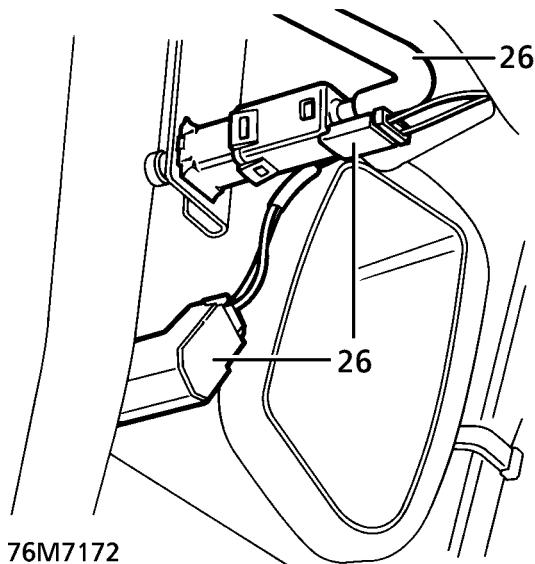
23. Remove captive nut, remove earth wires from stud at base of driver's side 'A' post.



76M7171

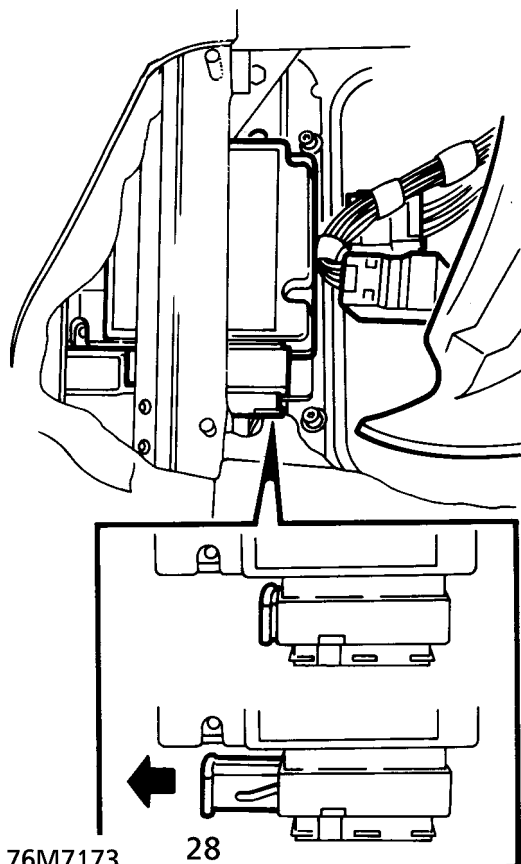
24. Disconnect multiplugs at base of each 'A' post.

25. Release BeCM harness from sill, route into fascia to prevent fouling as fascia is removed.



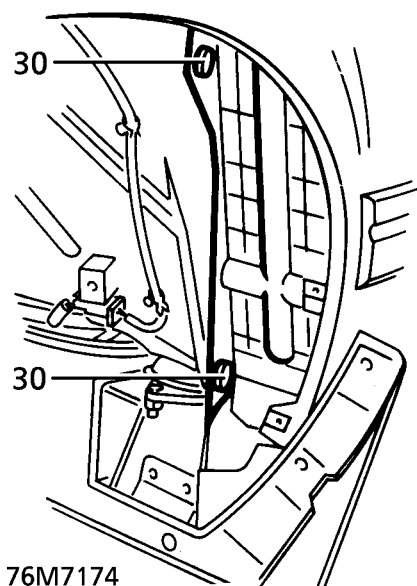
76M7172

26. Disconnect multiplugs and release vacuum hose from brake and clutch switches.
27. **Models with SRS only:** Disconnect SRS multiplug from main harness.

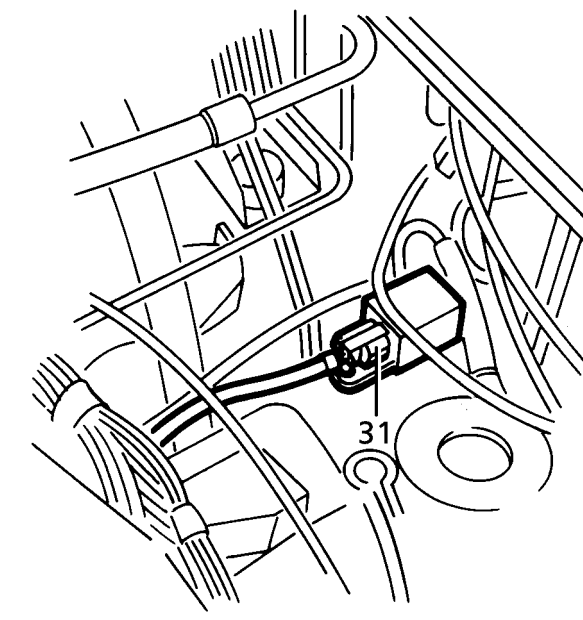


76M7173

28. Disconnect multiplug from SRS control module, route harness into fascia to prevent fouling as fascia is removed.
29. Remove both front wheel arch liners. **See this section.**

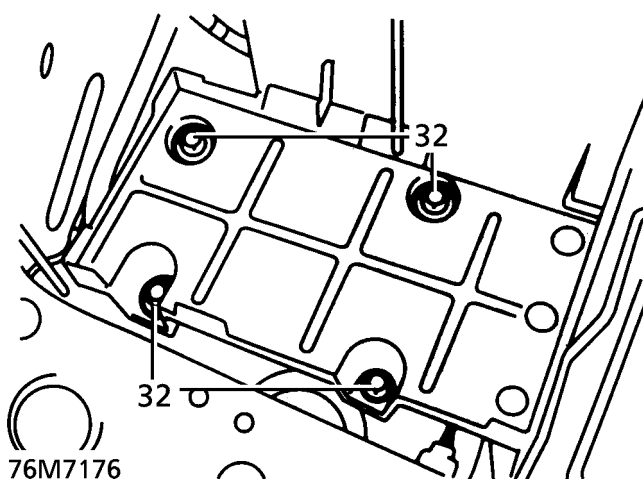


30. Remove 2 scrivet fasteners securing air cleaner baffle beneath LH wheel arch. Remove baffle.



76M7175

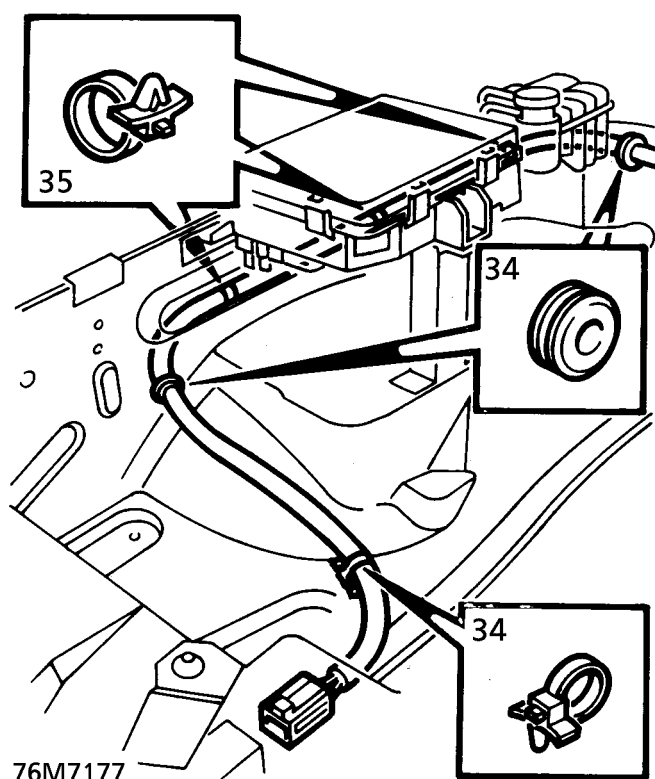
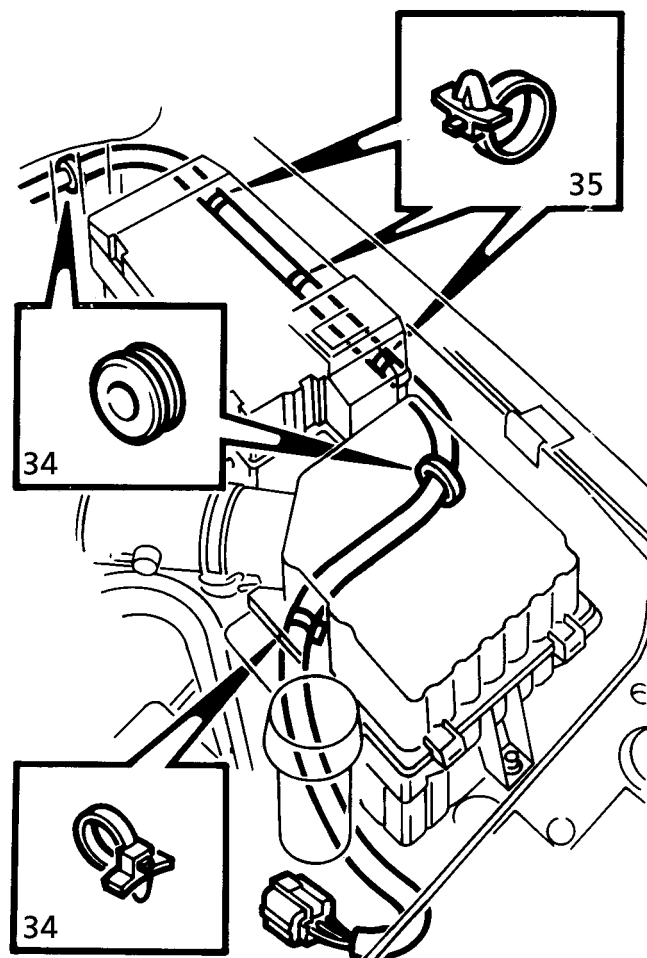
31. Disconnect both SRS crash sensor multiplugs.



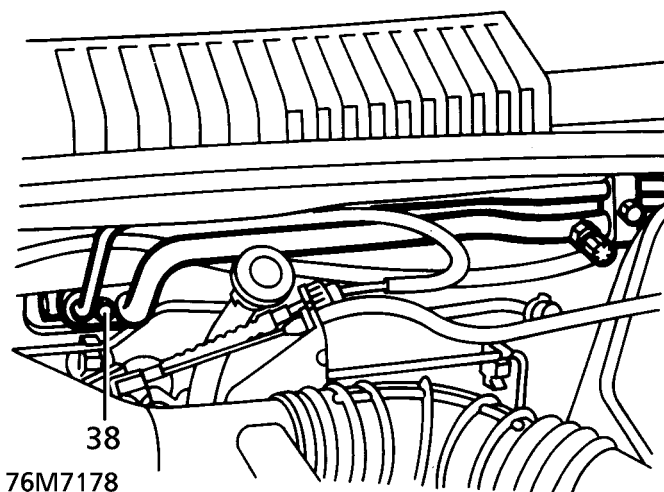
76M7176

32. Remove 4 bolts securing battery tray and 2 bolts securing air cleaner to valance.

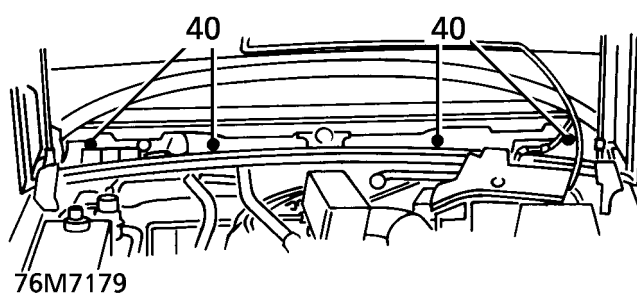
33. Raise air cleaner and battery tray for access to crash sensor harness clips.



34. Release clips securing each crash sensor harness to valance. Release harness grommets and feed both harnesses through valance into wheel arches.
35. Release 3 clips securing each crash sensor harness to underside of wheel arches.
36. Release harness grommets, feed harnesses through bulkhead and route into fascia to prevent fouling as fascia is removed.
37. **Vehicles with air conditioning only:** Discharge air conditioning system. **See AIR CONDITIONING, Adjustment.**

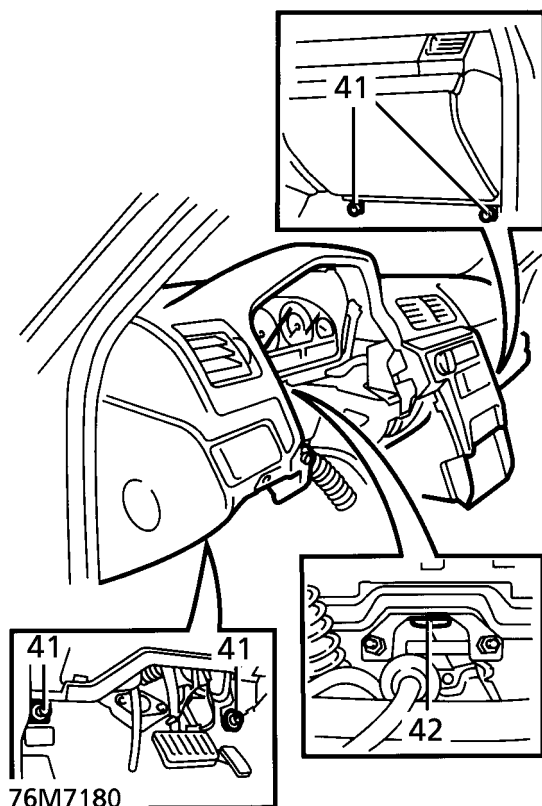


38. Remove bolt securing pipe clamp to Thermostatic Expansion Valve (TXV).
39. Release pipes from TXV and remove 'O' rings. Seal pipes and ports of TXV.



40. **All models:** Remove 4 tube bolts securing fascia to scuttle panel.

41. Remove nuts and washers securing fascia to base of 'A' posts.



42. Remove bolt securing fascia to pedal box.
 43. Using assistance, carefully manoeuvre the fascia through the driver's door aperture. Place fascia on a soft covered work surface, supported on suitable wooden blocks.
 44. Remove rubber seals from air intake ducts.
 45. Collect rear heater duct connecting tubes.

Refit

46. Fit intake seals to blower motor ducts. Tape rubbers inside blower ducts to aid fitment.



NOTE: Tape the rubbers at this stage, as they are almost impossible to locate after dash fitment.

47. Fit guide pins LRT-76-001 to outer fascia studs.
 48. With assistance, manoeuvre fascia into position through driver's front door aperture. Locate guide pins.



NOTE: Assistance from a third person may be necessary when guiding heater pipes through bulkhead.

49. Loosely fit 1 tube bolt, fascia to scuttle.
 50. Fit bolt securing fascia to pedal box. Tighten to **25 Nm. (18 lbf.ft)**
 51. Fit nuts and washers at base of A posts. Tighten to **25 Nm. (18 lbf.ft)**
 52. Remove guide pins.
 53. Fit remaining tube bolts. Tighten to **25 Nm. (18 lbf.ft)**
 54. Fit rear heater duct connecting pipes.
 55. Remove tape from intake seals.
 56. Engage lips of sealing rubbers around scuttle apertures.
 57. Fit pollen filter housings, tighten bolts.
 58. Fit scuttle side panel to passenger side of vehicle, tighten bolts.
 59. Connect heated screen multiplug, fit to side panel clip.
 60. Connect hoses to heater pipes. Tighten clips.
 61. **Air conditioning vehicles:** Remove seals from air conditioning pipes and TXV ports.
 62. Lubricate new O rings with clean compressor oil, fit to pipes.
 63. Locate pipes in TXV ports, position clamp and fit clamp bolt.
 64. Engage evaporator drain tubes over pipes in transmission tunnel.
 65. **Vehicles with SRS only:** Route SRS crash sensor harnesses through bulkhead into wheel arches, locate harness grommets.
 66. Secure harness clips beneath wheel arches, route harnesses through valances into engine bay, locate harness grommets.

67. Raise battery tray and air cleaner for access. Route crash sensor harnesses, secure harness clips, connect multiplugs to crash sensors.
68. Tighten battery tray and air cleaner bolts.
69. Connect multiplug to SRS control module.
70. Connect SRS harness multiplug to main harness.
71. Fit air cleaner baffle beneath LH wheel arch, secure with scrivet fasteners.
72. Fit wheel arch liners. **See this section.**
73. **All models:** Route harness along sill, connect multiplugs to BeCM.
74. Connect multiplugs at base of 'A' posts and secure plugs to brackets.
75. Fit earth wires to stud, tighten captive nut.
76. Connect vacuum hose and multiplugs to brake and clutch pedal switches.
77. Position closing panel beneath passenger side of fascia. Secure diagnostic plug, connect footwell lamp. Align closing panel, secure with scrivet fasteners.
78. Fit carpet retainer, engage sprag clips.
79. Fit seat base trim panel, secure trim studs, tighten screw.
80. Fit fuse cover to seat base trim.
81. Fit both 'A' post lower trim panels, secure sprag clips. Engage door aperture seals.
82. **LHD automatic vehicles only:** Fit foot rest, secure with bolts.
83. Fit radio. **See ELECTRICAL, Repair.**
84. Fit wiper motor and linkage. **See WIPERS AND WASHERS, Repair.**
85. Fit steering column. **See STEERING, Repair.**
86. Fit centre console. **See this section.**
87. Refill cooling system. **See COOLING SYSTEM, Repair.**
88. **Vehicles with SRS only:** Fit battery. **See ELECTRICAL, Repair.**
89. Reconnect battery negative lead.
90. Evacuate and recharge air conditioning. **See AIR CONDITIONING, Adjustment.**

FASCIA ASSEMBLY - VEHICLES WITH SINGLE POINT SENSED SRS

Service repair no - 76.46.23/99



WARNING: Refer to SRS safety precautions before commencing repair.



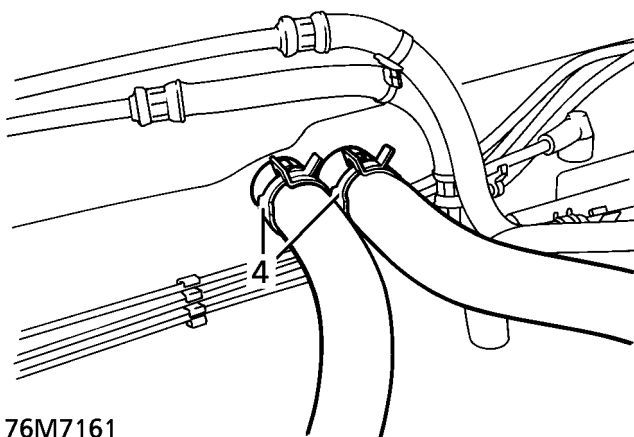
WARNING: The fascia assembly houses the heater distribution unit, blower assemblies and air conditioning evaporator and is therefore heavy. Assistance is essential during removal and refit procedures.



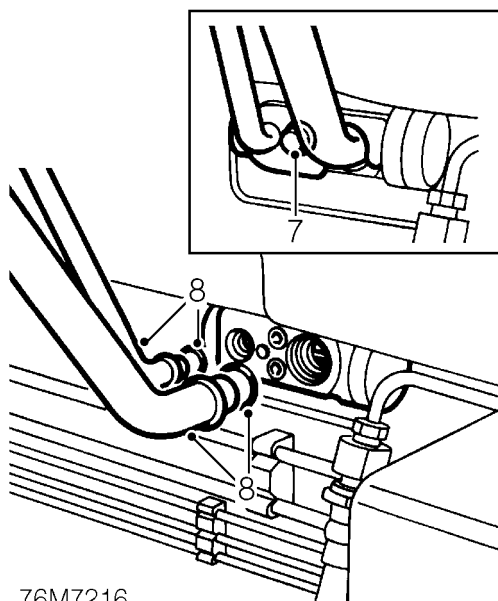
CAUTION: When removed from the vehicle, the fascia should be placed on a work surface with a soft covering and supported on suitable wooden blocks.

Remove

1. Remove key from starter switch and wait 10 minutes for SRS back up power circuit to discharge.
2. Disconnect both battery terminals, earth lead first.
3. Drain cooling system. **See COOLING SYSTEM, Repair.**

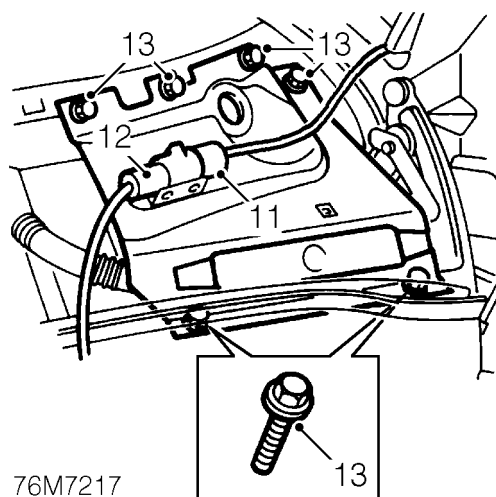


4. Release 2 clips securing heater hoses to heater matrix and disconnect hoses.
5. Cap both heater matrix pipes to prevent coolant spillage inside vehicle during fascia removal.
6. Recover refrigerant from air conditioning system. **See AIR CONDITIONING, Adjustment.**



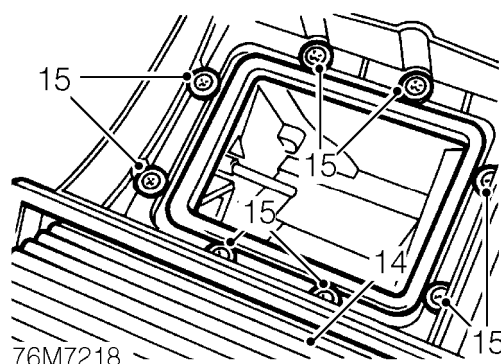
76M7216

7. Remove bolt securing pipe clamp to thermostatic expansion valve (TXV) and release pipes.
8. Remove and discard 'O' ring seals from air conditioning pipes.
9. Immediately cap both air conditioning pipes and TXV ports to prevent moisture entering the air conditioning system.
10. Remove wiper motor and linkage. **See WIPERS AND WASHERS, Repair.**



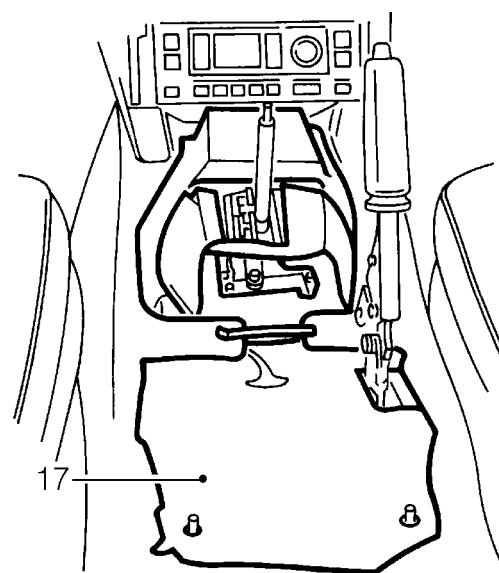
76M7217

11. Disconnect passenger side heated screen multiplug.
12. Release heated screen multiplug from scuttle side panel and position aside.
13. Remove 6 bolts securing scuttle side panel to scuttle and remove panel.



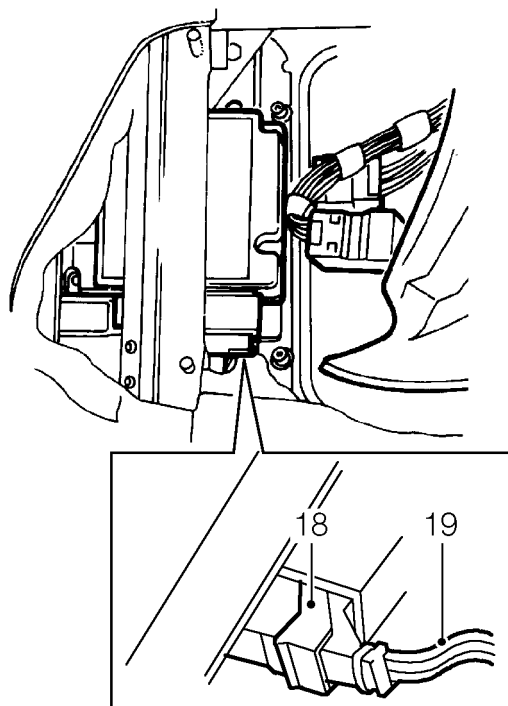
76M7218

14. Remove pollen filter from both heater intake housings.
15. Remove 8 screws securing each heater intake housing to scuttle and remove intake housings. Release sealing rubbers from scuttle panel aperture.
16. Remove centre console. **See this section.**



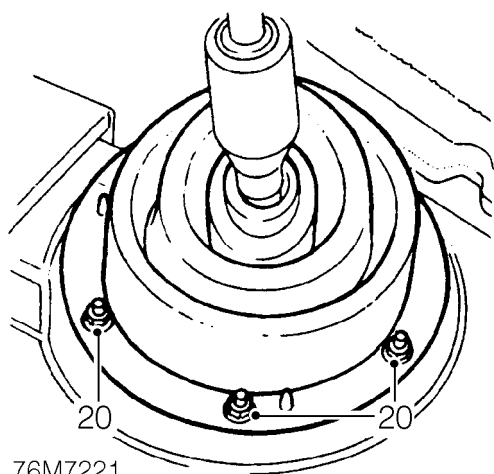
76M7219

17. Remove transmission tunnel insulation pad.



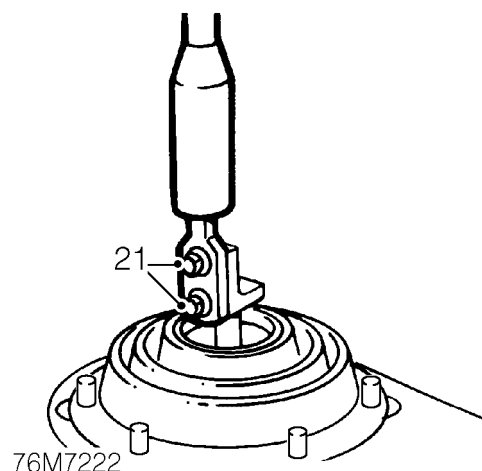
76M7220

18. Release latching mechanism and disconnect multiplug from airbag diagnostic and control unit (DCU).
19. Release SRS harness from transmission tunnel and position to fascia to avoid snagging.



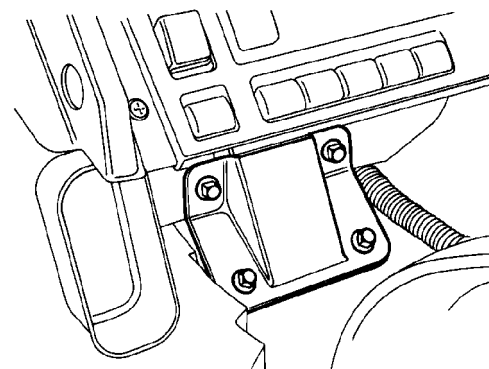
76M7221

20. Remove 6 nuts securing gear lever gaiter ring to transmission tunnel and release gaiter.



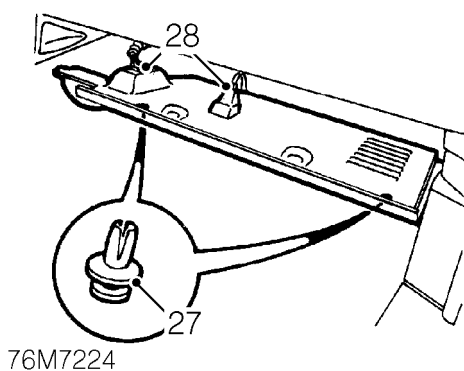
76M7222

21. Remove 2 bolts securing gear lever to gearbox remote and remove gear lever.



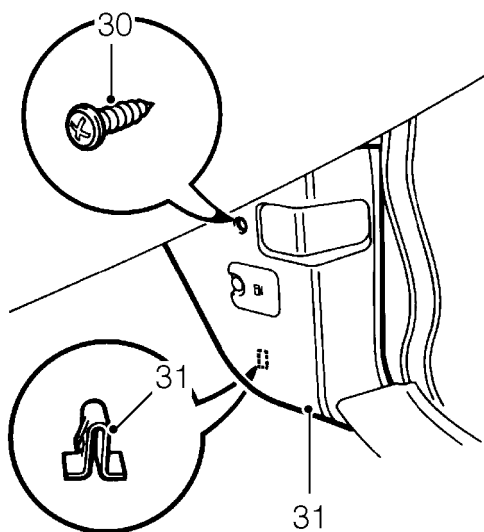
76M7223

22. Disconnect high/low switch multiplug.
23. Remove 4 bolts securing fascia centre bracket to fascia and transmission tunnel.
24. Remove fascia centre bracket.
25. Remove radio. **See ELECTRICAL, Repair.**
26. Remove steering column. **See STEERING, Repair.**



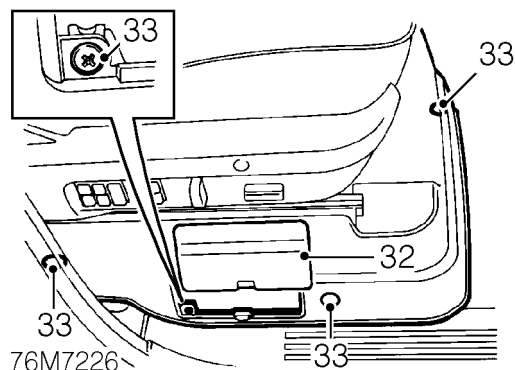
76M7224

27. Remove 3 screws securing lower fascia closing panel to passenger's side of fascia.
28. Release closing panel and release diagnostic connector from panel.



76M7225

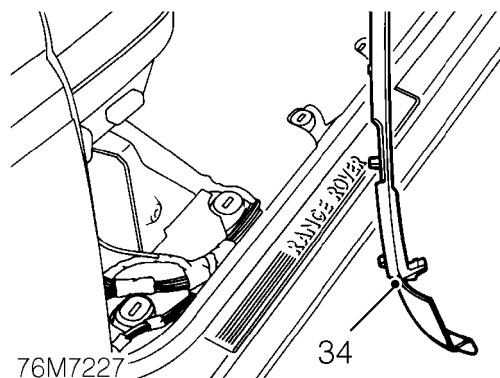
29. Release door aperture seal adjacent to 'A' post lower trim panels.
30. Remove screw securing each 'A' post lower trim panel to 'A' post.
31. Release 'A' post lower trim panels from sprag clip and remove panels.



76M7226

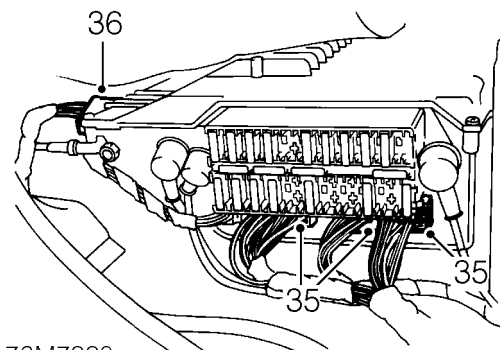
32. Remove fuse box cover from driver's seat base trim.

33. Remove screw and 3 trim studs securing seat base trim to body and remove seat base trim.



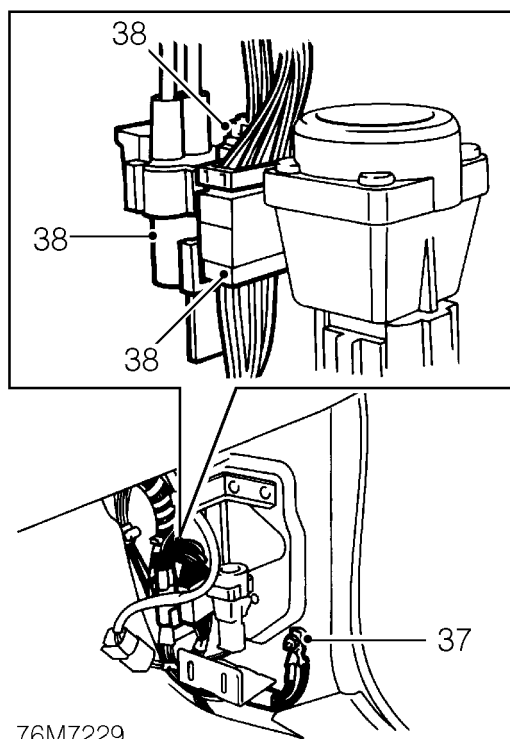
76M7227

34. Release 4 sprag clips securing driver's side carpet retainer to body and remove carpet retainer.



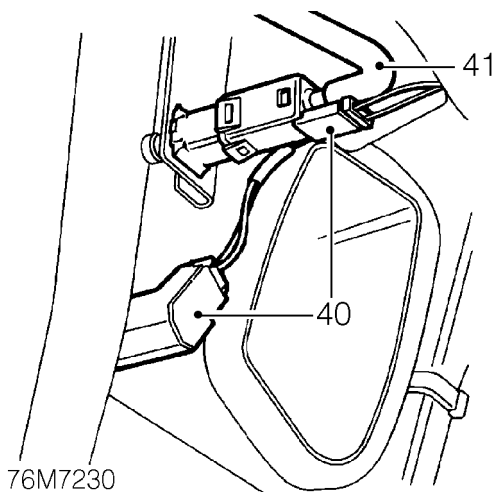
76M7228

35. Disconnect 3 multiplugs from Body Electrical Control Module (BeCM).
36. Position carpet aside and disconnect multiplug from rear of BeCM.



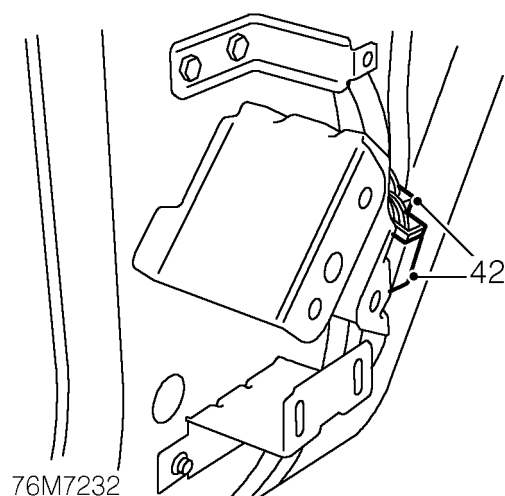
76M7229

37. Remove captive nut securing earth wires to driver's side lower 'A' post and release 3 additional earth wires.
38. Disconnect 3 multiplugs at base of driver's side 'A' post.
39. Release harness from driver's side carpet and position to fascia to avoid snagging.



76M7230

40. Disconnect multiplugs from clutch and 2 brake pedal switches.
41. Disconnect vacuum hose from clutch and brake pedal switches.



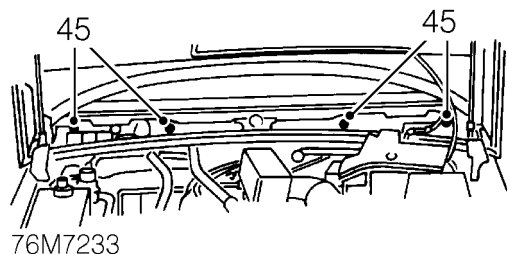
76M7232

42. Disconnect 2 multiplugs at base of passenger's side 'A' post.

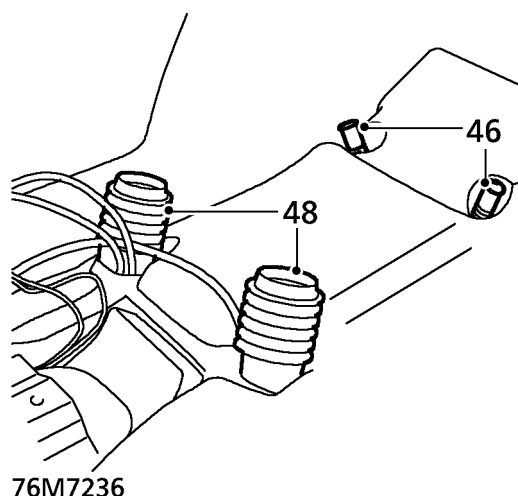


76M7235

43. Remove 2 nuts securing fascia to 'A' post and transmission tunnel bracket, passenger's side
44. Remove 2 nuts securing fascia to 'A' post and transmission tunnel bracket, driver's side.



45. Remove 4 tube bolts securing fascia assembly to scuttle panel.



46. Disconnect 2 evaporator drain hoses from evaporator.
 47. Using assistance, carefully manoeuvre fascia assembly through the driver's door aperture. Position the fascia on a work surface with a soft covering and support on suitable wooden blocks.
 48. Collect 2 ducts connecting rear heating pipes to fascia assembly.

Refit

49. Tape intake duct seals inside blower duct to aid fitment.
 50. Fit guide pins LRT-76-001 to outer fascia studs.
 51. With assistance, manoeuvre fascia assembly through driver's door aperture and locate guide pins to scuttle panel.



NOTE: Assistance from a third person may be required to guide heater pipes through bulkhead.

52. Fit one tube bolt securing fascia to scuttle panel but do not tighten.
 53. Fit nuts securing fascia to lower 'A' posts and tighten to **25 Nm. (18 lbf.ft)**
 54. Fit nuts securing fascia to transmission tunnel brackets and tighten to **25 Nm. (18 lbf.ft)**
 55. Remove LRT-76-001.
 56. Fit remaining tube bolts securing fascia to scuttle panel and tighten to **25 Nm. (18 lbf.ft)**
 57. Fit fascia centre bracket, fit bolts and tighten to **25 Nm. (18 lbf.ft)**
 58. Connect evaporator drain hoses to evaporator.
 59. Fit ducts connecting rear heating pipes to fascia assembly.
 60. Fit gear lever to gearbox remote, fit bolts and tighten to **25 Nm. (18 lbf.ft)**
 61. Fit gear lever gaiter and ring to transmission tunnel and secure with nuts.
 62. Connect high/low switch multiplug.
 63. Position SRS harness to transmission tunnel.
 64. Connect multiplug to airbag DCU. Ensure connector latching mechanism is correctly engaged.
 65. Fit transmission tunnel insulation pad to transmission tunnel and position multiplugs through pad.
 66. Fit radio. **See ELECTRICAL, Repair.**
 67. Connect multiplugs at base of passenger's side 'A' post.
 68. Fit passenger's side 'A' post lower trim panel and secure with screw.
 69. Engage door aperture seal to door aperture.
 70. Position fascia lower closing panel and engage diagnostic connector to panel.
 71. Position closing panel to fascia and secure with scrivenets.
 72. Connect vacuum hose to clutch and brake pedal switches.
 73. Connect multiplugs to clutch and brake pedal switches.

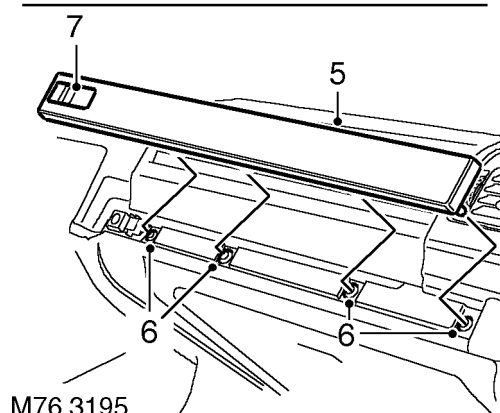
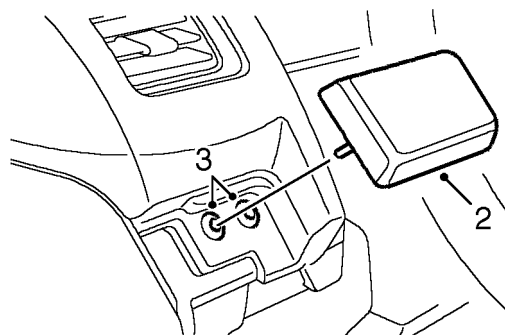
74. Position harness to driver's side carpet.
75. Connect multiplugs to BeCM.
76. Connect multiplugs at base to driver's side 'A' post.
77. Position earth wires to 'A' post stud, fit and secure captive nut.
78. Fit driver's side carpet retainer and engage to clips.
79. Fit seat base trim and secure with trim studs and screw.
80. Fit seat base fuse box cover.
81. Fit driver's side lower 'A' post trim and secure with screw.
82. Fit steering column. **See STEERING, Repair.**
83. Fit radio. **See ELECTRICAL, Repair.**
84. Fit centre console. **See this section.**
85. Remove tape from heater intake ducts.
86. Engage heater intake seals to scuttle apertures.
87. Fit heater intake housings and secure with screws.
88. Fit pollen filters to intake housings.
89. Fit wiper motor and linkage. **See WIPERS AND WASHERS, Repair.**
90. Fit scuttle side panel to scuttle and secure with bolts.
91. Connect heated screen multiplug and engage multiplug to scuttle side panel bracket.
92. Remove caps from heater matrix pipes.
93. Engage heater matrix grommet to bulkhead aperture.
94. Connect heater hoses to heater matrix and secure with clips.
95. Remove caps from air conditioning pipes and TXV.
96. Lubricate NEW 'O' ring seals with clean compressor oil and fit to air conditioning pipes.
97. Connect air conditioning pipes to TXV, position clamp and fit bolt.
98. Tighten clamp bolt to **6 Nm. (4 lbf.ft)**
99. Charge air conditioning system. **See AIR CONDITIONING, Adjustment.**
100. Fill coolant system. **See COOLING SYSTEM, Repair.**
101. Connect both battery terminals, earth lead last.

PANELS - VENEERED - FASCIA

Service repair no - 76.46.24

Remove

1. **Drivers side:** Remove fascia closing panel. **See this section.**



M76 3195

2. With suitable protection against fascia, carefully lever veneered panel away from fascia to release 2 fixing studs.
3. Remove fixing stud inserts.
4. **Passenger side:** Open glove box.
5. With suitable protection against fascia, carefully lever veneered panel away from fascia to release 4 fixings studs.
6. Remove fixing stud inserts.
7. Remove glove box lock bezel from veneered panel.



Refit

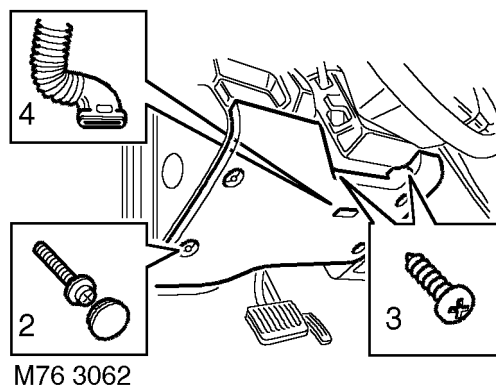
8. **Passenger side:** Fit glove box lock bezel.
9. Fit fixing stud inserts to fascia.
10. Fit veneered panel to fascia.
11. Close glove box.
12. **Drivers side:** Fit fixing stud inserts to fascia.
13. Fit veneered panel to fascia.
14. **Drivers side:** Fit fascia closing panel. *See this section.*

PANEL - FASCIA CLOSING

Service repair no - 76.46.28

Remove

1. Release steering column adjustment lock, raise and extend column for access to panel upper screws.



2. Remove 4 screw covers from fascia closing panel and remove screws.
3. Remove 2 screws securing top of closing panel.
4. Disconnect air tube and remove closing panel.

Refit

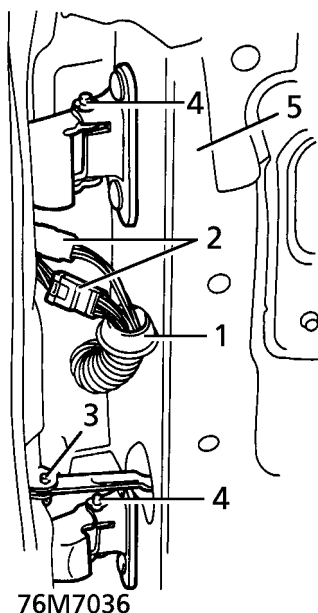
5. Position closing panel and connect air tube.
6. Fit closing panel to fascia and secure with screws.
7. Fit screw covers and reposition steering column.

FRONT DOOR ASSEMBLY

Service repair no - 76.28.01/99

Remove

1. Release door harness protective sleeve from 'A' post.
2. Disconnect door harness multiplugs.



3. Remove door check strap retaining pin.



CAUTION: Apply protective tape to 'A' post before drifting out retaining pin.

4. Remove door hinge pin retaining clips.
5. With assistance, remove door assembly.

Refit

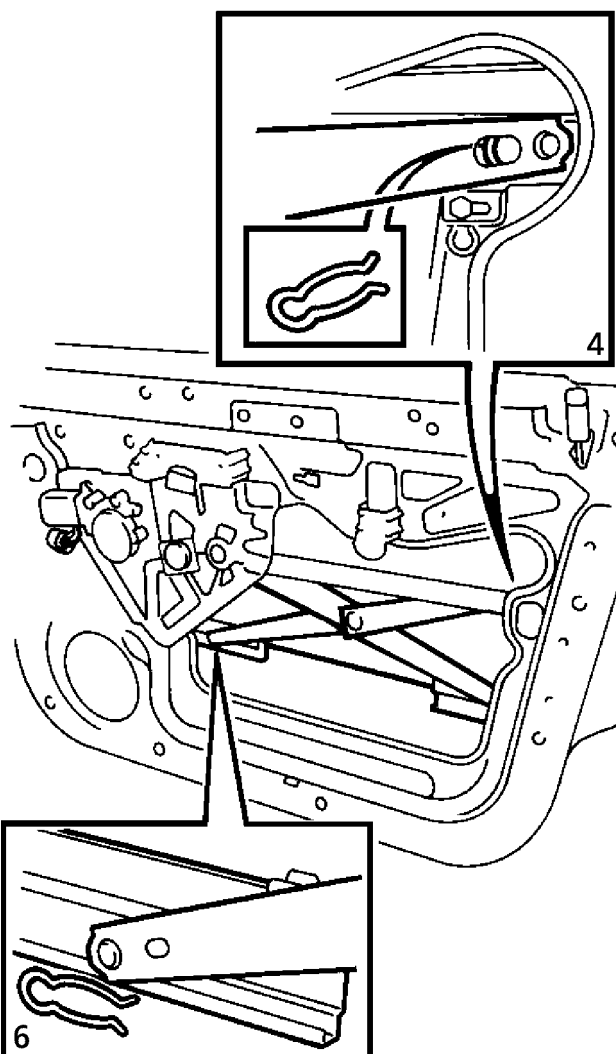
6. With assistance, position door on hinges. Fit retaining clips.
7. Align door check strap. Fit retaining pin.
8. Remove protective tape from 'A' post.
9. Connect harness multiplugs. Secure protective sleeve to 'A' post.
10. If necessary adjust door. **See Adjustment.**

GLASS - FRONT DOOR

Service repair no - 76.31.01

Remove

1. Remove front door outer waist seal. **See this section.**
2. Remove front door plastic sheet. **See this section.**
3. Turn ignition ON.
4. Lower glass approximately 120mm (5 in.)
Remove rear regulator arm retaining clip.



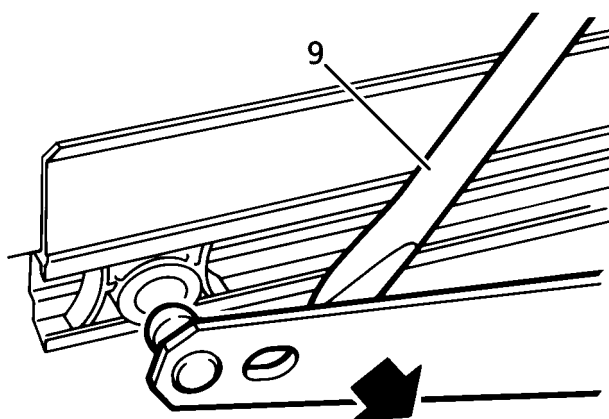
5. Lower glass to align forward clip with the regulator plate lower retaining rivet. Turn ignition OFF.



6. Remove front lower fixing clip.
7. Remove nut securing bracket to vertical slide.
8. Release bracket from slide.

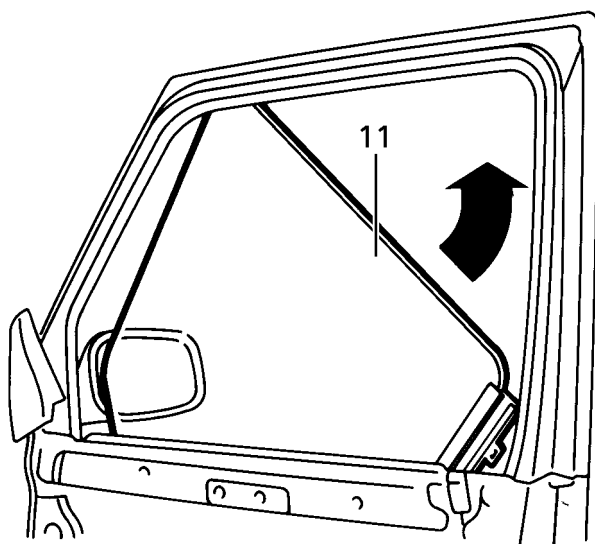


CAUTION: Chock glass with wooden block, or retain with tape, to prevent glass dropping when regulator arms are released.



76M7059

9. Using a suitable lever, release 2 regulator arms from glass lower fixings.
10. Support weight of glass. Remove wooden chock or tape.



76M7060

11. Rotate glass anti-clockwise to release from runners.
12. Remove front door glass.

Refit

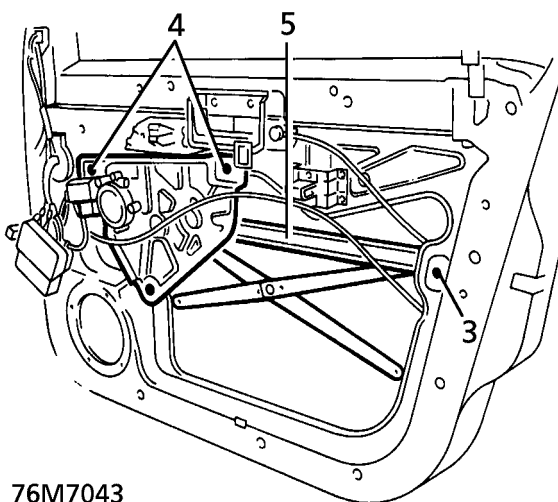
13. Refit front door glass.
14. Rotate glass anti-clockwise, fit to runners.
15. Secure glass fixings to regulator arms.
16. Position glass bracket to vertical runner, fit retaining nut.
17. Fit clip securing regulator arm to glass runner.
18. Turn ignition ON.
19. Raise door glass approximately 120mm (5 in.)
Fit rear glass retaining clip.
20. Raise door glass.
21. Turn ignition OFF.
22. Fit front door plastic sheet. **See this section.**
23. Fit front door outer waist seal. **See this section.**

GLASS REGULATOR - FRONT DOOR

Service repair no - 76.31.45

Remove

1. Remove front door glass. *See this section.*
2. Disconnect window lift motor harness connector.
3. Remove rivet securing regulator runner to door panel.



76M7043

4. Remove 3 rivets.
5. Remove regulator assembly.

Refit

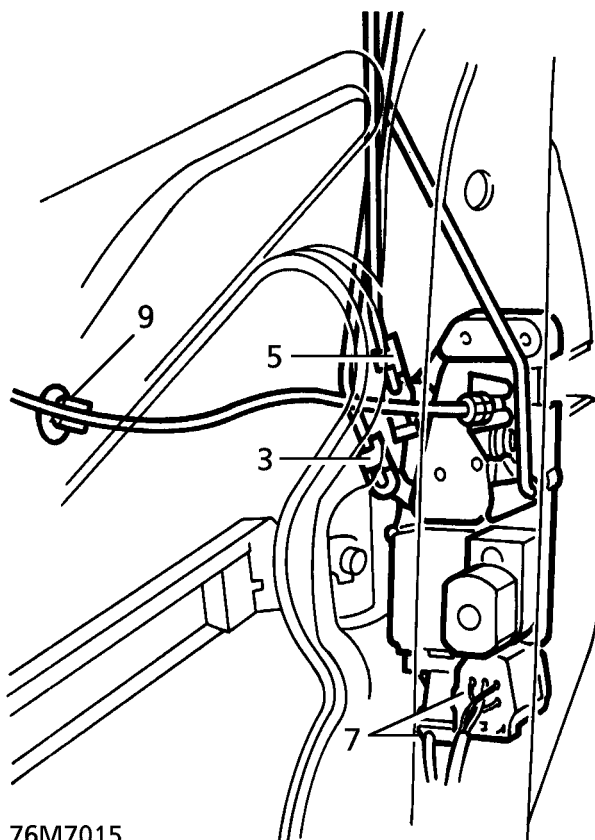
6. Reverse removal procedure.

LATCH - FRONT DOOR

Service repair no - 76.37.12

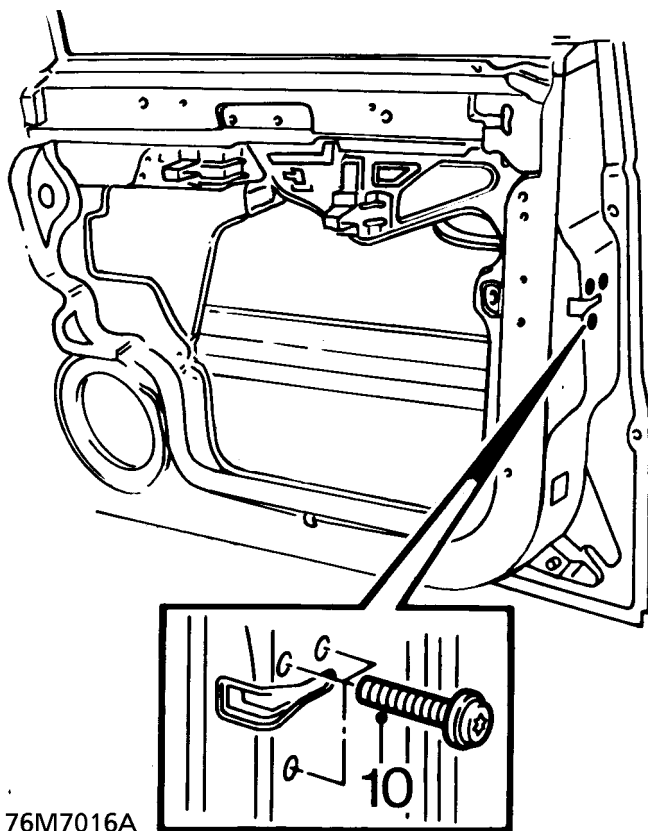
Remove

1. Remove front door trim casing. *See this section.*
2. Release rear of plastic sheet.
3. Release retaining clip, private lock to latch operating rod, at latch end.



76M7015

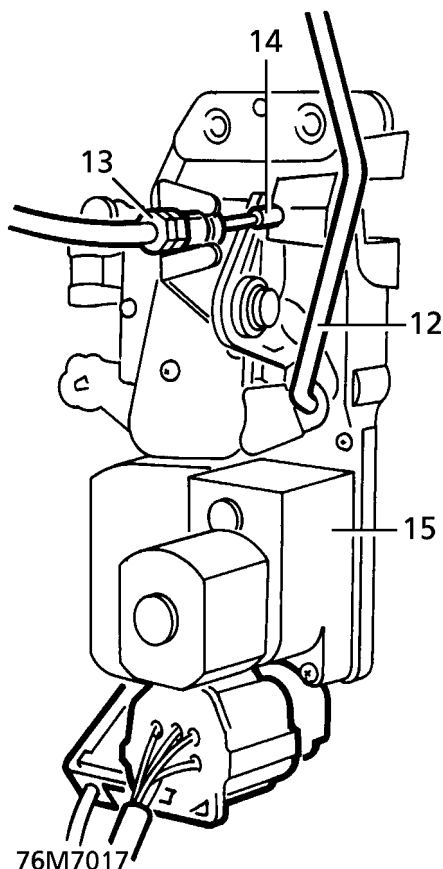
4. Release control rod from latch.
5. Release retaining clip, outside handle to latch operating rod, at latch end.
6. Release control rod from latch.
7. Disconnect 2 latch motor multiplugs.
8. Remove door sill button from operating rod.
9. Release remote handle to latch operating cable from clip.
10. Remove 3 screws securing latch.
11. Release latch from door.
12. Remove sill button operating rod from latch.



13. Release outer operating cable from latch abutment.
14. Release inner cable from latch.
15. Remove latch from door.

Refit

16. Fit latch.
17. Fit inner operating cable to latch.
18. Fit outer operating cable to latch abutment.
19. Fit sill button operating rod to latch.
20. Align latch to door, tighten 3 screws.
21. Secure remote handle cable to door panel clip.
22. Fit sill button to operating rod.
23. Reconnect 2 latch motor multiplugs.
24. Fit outside handle operating rod to latch.
25. Fit retaining clip.
26. Fit private lock operating rod to latch.
27. Fit retaining clip.
28. Secure plastic sheet.
29. Fit front door trim casing. **See this section.**

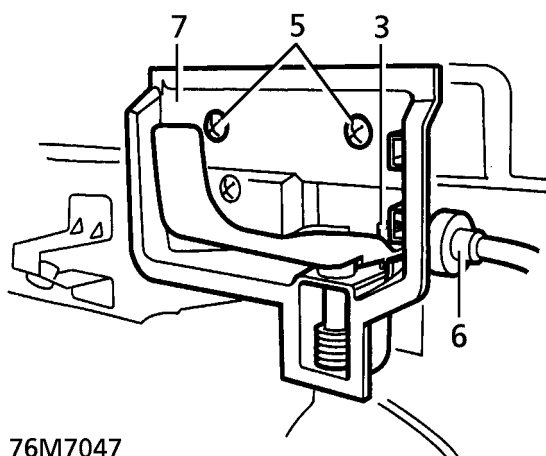


REMOTE CONTROL - FRONT DOOR

Service repair no - 76.37.31

Remove

1. Remove front door trim casing. **See this section.**
2. Release top rear corner of plastic sheet.
3. Pull remote handle out. Release inner cable from remote handle.



76M7047

4. Release remote handle.
5. Remove 2 screws securing remote handle.
6. Remove outer cable from housing.
7. Remove remote by sliding rearwards.

Refit

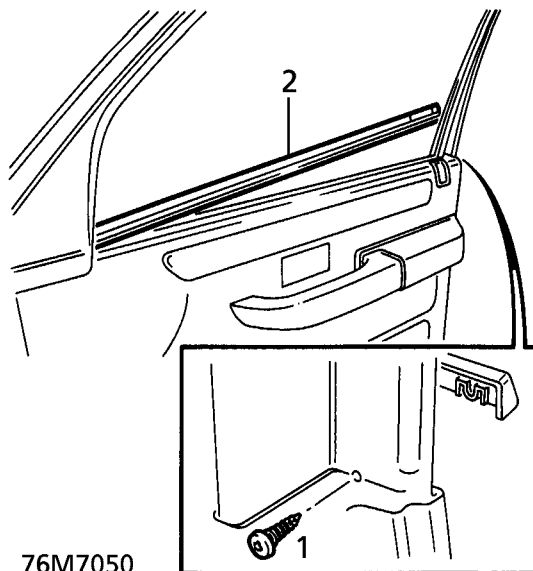
8. Reverse removal procedure.

OUTER WAIST SEAL - FRONT DOOR

Service repair no - 76.31.53

Remove

1. Remove screw securing rear edge of outer waist seal.
2. Remove outer waist seal.



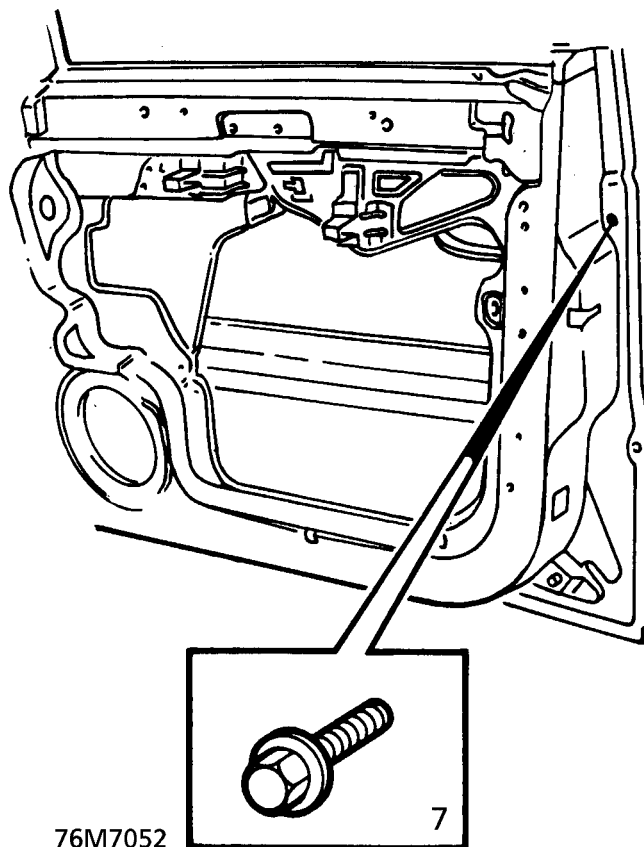
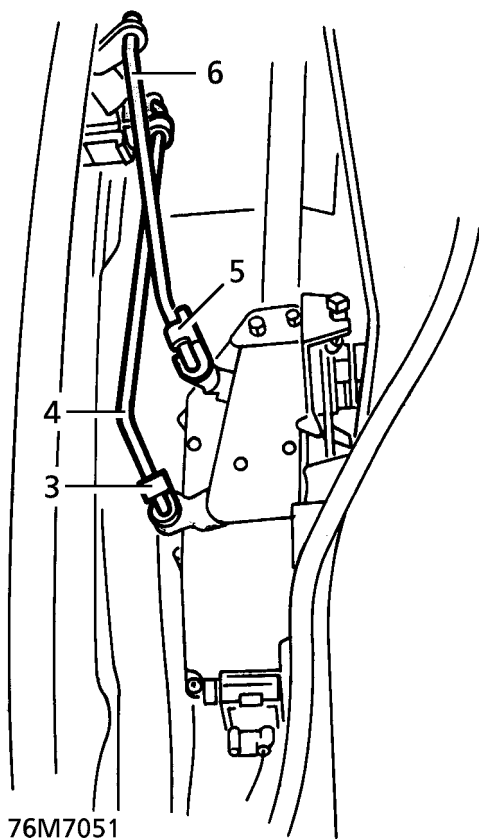
76M7050

Refit

3. Reverse removal procedure.

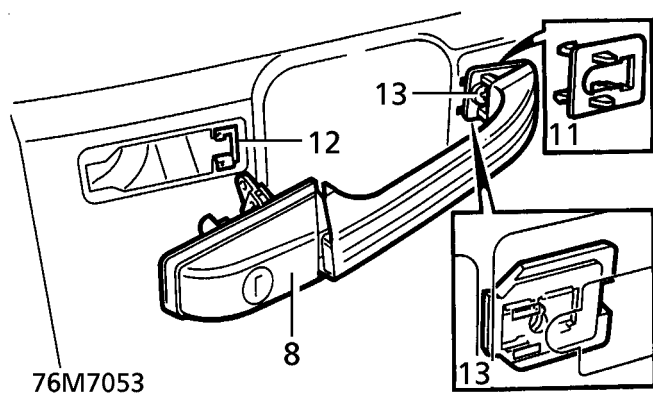
OUTSIDE HANDLE - FRONT DOOR**Service repair no - 76.58.07****Remove**

1. Remove front door trim casing. **See this section.**
2. Release rear half of plastic sheet.
3. Remove retaining clip, private lock to latch operating rod, at latch end.



8. Slide outside handle forwards. Pull handle out, release rear of handle from door.

4. Remove control rod from latch and private lock.
5. Remove retaining clip, outside handle to latch operating rod, at latch end.
6. Remove control rod from latch and outside handle.
7. Remove bolt securing rear of outside handle.



9. Remove handle from front fixing by pivoting rear end of handle out.
10. Remove gasket from handle.
11. Remove rubber locking plate from door.
12. Remove plastic locking plate from door.
13. Remove screw securing mounting plate to door, remove plate.

Refit

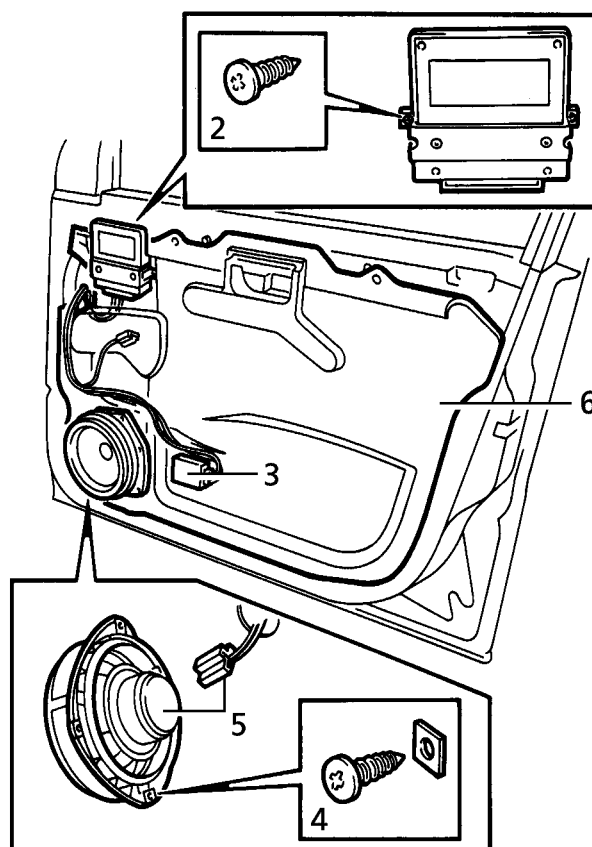
14. Clean handle and door mating faces.
15. Reverse removal procedure.

PLASTIC SHEET - FRONT DOOR

Service repair no - 76.34.26

Remove

1. Remove front door trim casing. *See this section.*
2. Remove 2 screws securing door outstation ECU.



3. Remove 2 screws securing speaker amplifier.
4. Remove 4 screws securing front door speaker.
5. Release speaker, disconnect multiplug.
6. Remove plastic sheet.

Refit

7. Reverse removal procedure.



PRIVATE LOCK - FRONT DOOR

Service repair no - 76.37.39

Remove

1. Remove outside handle. **See this section.**
2. Fit door lock key.
3. Remove screw securing lock.
4. Remove cam and washer from lock.
5. Remove cam lock and stop from lock.
6. Remove cam return spring. Remove lock from outside handle.

Refit

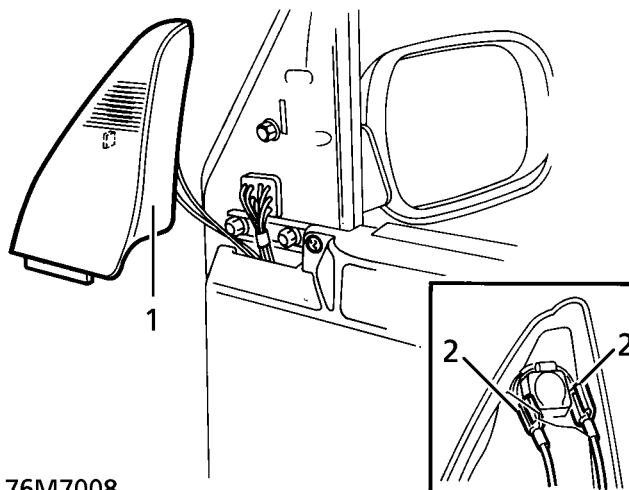
7. Apply grease to lock barrel.
8. Fit lock to outside handle.
9. Fit cam return spring, cam stop, cam lock, washer and cam.
10. Fit screw securing lock to outside handle.
11. Remove door lock key.
12. Refit front door outside handle. **See this section.**

TRIM CASING - FRONT DOOR

Service repair no - 76.34.01

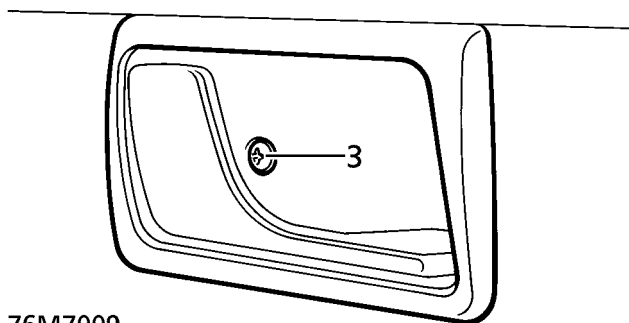
Remove

1. Release cheater panel.



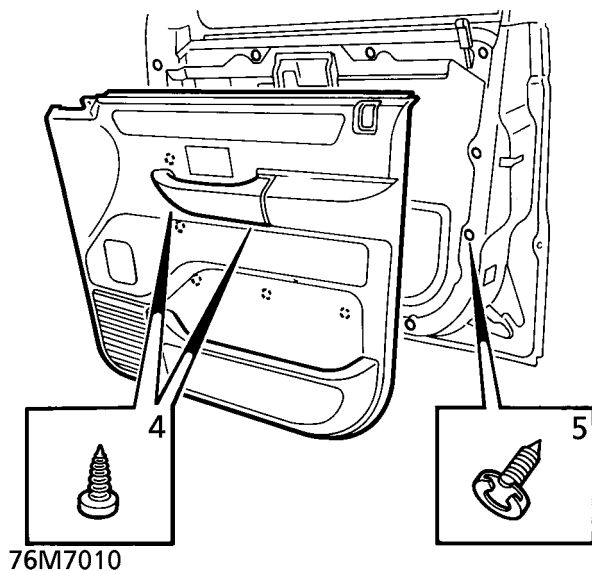
76M7008

2. Disconnect 2 tweeter speaker connectors, remove cheater panel.
3. Remove screw securing remote handle escutcheon, remove escutcheon.

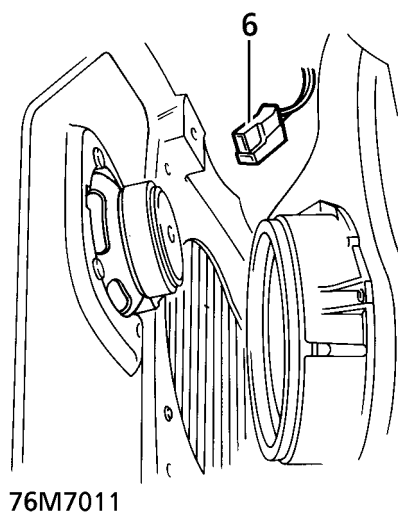


76M7009

4. Remove 3 screws securing trim casing.
5. Release 12 clips retaining trim casing.



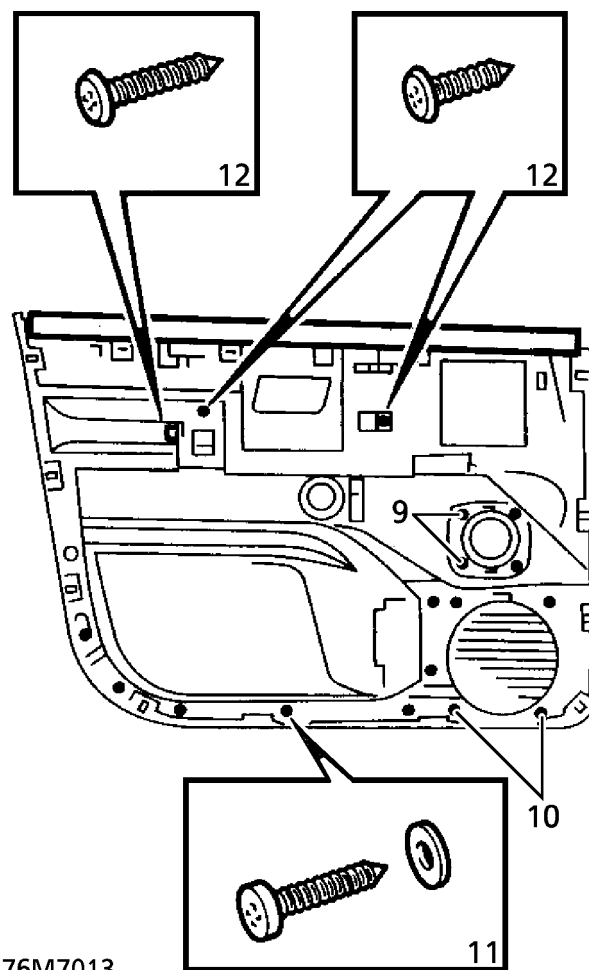
6. Disconnect speaker connector.



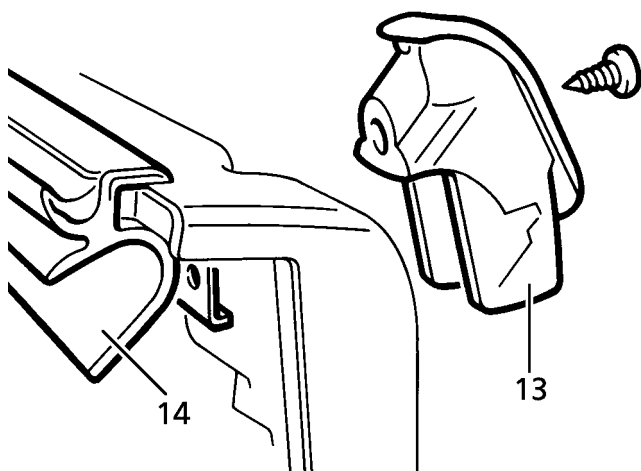
7. Remove door trim casing.

Disassemble

8. Remove 12 trim casing retaining clips.
9. Remove 4 screws, remove speaker.



10. Remove 4 screws, remove speaker grille.
11. Remove 7 screws, remove trim casing pocket.
12. Remove 3 screws, remove arm rest.
13. Remove retaining clamp and sill button escutcheon.



76M7014

14. Remove door trim casing waist seal.

Assemble

15. Fit door trim casing waist seal.
16. Fit sill button escutcheon, position retaining clamp, tighten screw.
17. Fit arm rest to trim casing, tighten 3 screws.
18. Fit trim casing pocket, tighten 7 screws.
19. Fit speaker grille to trim casing, tighten 4 screws.
20. Fit speaker to trim, tighten 4 screws.
21. Fit 12 retaining clips.

Refit

22. Connect trim casing speaker connector.
23. Fit trim casing, locating 12 retaining clips.
24. Fit 3 screws securing trim casing.
25. Fit remote handle escutcheon, tighten screw.
26. Position cheater panel, connect 2 tweeter speaker connectors.
27. Secure cheater panel.

INSERT CAPPING - FRONT DOOR

Service repair no - 76.34.32

Remove

1. Fit protection to door trim casing.
2. Position a blunt flat blade between trim casing and insert upper edge.
3. Gently raise blade to remove insert.
4. Remove retaining clips from insert.

Refit

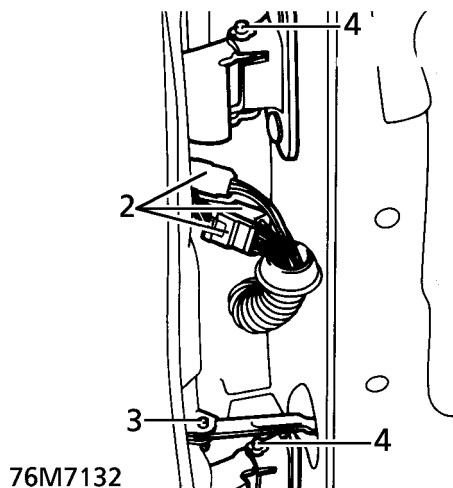
5. Fit insert to door casing. Secure with clips.
6. Remove protection from door casing.

REAR DOOR ASSEMBLY

Service repair no - 76.28.02/99

Remove

1. Release door harness protective sleeve from 'B/C' post.
2. Disconnect door harness multiplugs.
3. Remove check strap retaining pin.



CAUTION: Apply protective tape to 'B/C' post before drifting out pin.

4. Remove hinge pin retaining clips.
5. With assistance, remove door assembly.

Refit

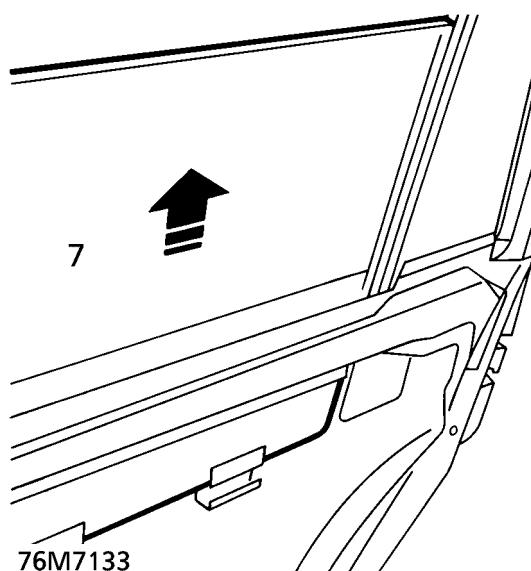
6. With assistance fit door to hinges.
7. Fit hinge retaining clips.
8. Align check strap and fit retaining pin.
9. Remove protective tape.
10. Connect harness multiplugs, secure protective sleeve to 'B/C' post.
11. If necessary adjust door. *See Adjustment.*

GLASS - REAR DOOR

Service repair no - 76.31.02

Remove

1. Remove outer waist seal. *See this section.*
2. Remove door trim casing. *See this section.*
3. Remove speaker and plastic sheet. *See this section.*
4. Remove window motor and control panel assembly. *See ELECTRICAL, Repair.*
5. Remove glass rear channel. *See this section.*
6. Remove wedges or tape from glass.
7. Release glass from channel. Raise to remove glass from door.



Refit

8. Fit glass to door and align to frame.
9. Wedge or use tape to hold glass in door.
10. Fit glass rear channel. *See this section.*
11. Fit window motor and control panel. *See ELECTRICAL, Repair.*
12. Fit speaker and plastic sheet. *See this section.*
13. Fit trim casing. *See this section.*
14. Fit outer waist seal. *See this section.*



PLASTIC SHEET - REAR DOOR

Service repair no - 76.34.28

Remove

1. Remove rear door trim casing. **See this section.**
2. Remove speaker. **See ELECTRICAL, Repair.**
3. Remove 2 screws securing amplifier to door.
4. Remove plastic sheet.

Refit

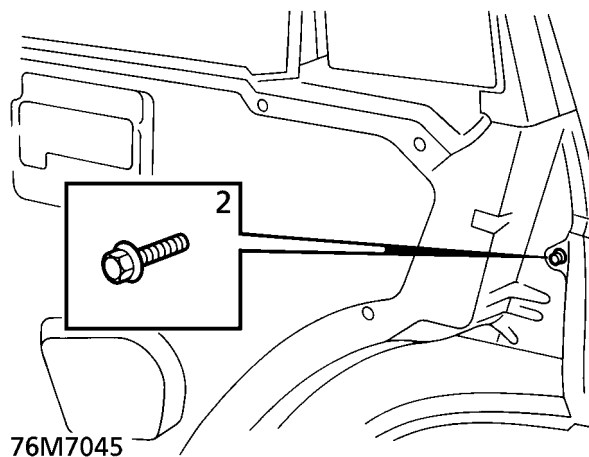
5. Reverse removal procedure.

OUTSIDE HANDLE - REAR DOOR

Service repair no - 76.58.02

Remove

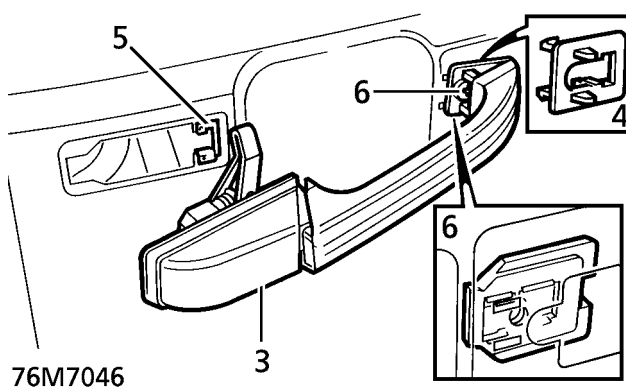
1. Remove rear door trim casing. **See this section.**
2. Remove bolt securing handle.



3. Remove outside handle.



NOTE: Operate and pull handle outward, pivoting at forward mounting point.



4. Remove gasket.
5. Remove locking plates.
6. Remove screw securing mounting plate, remove plate.

Refit

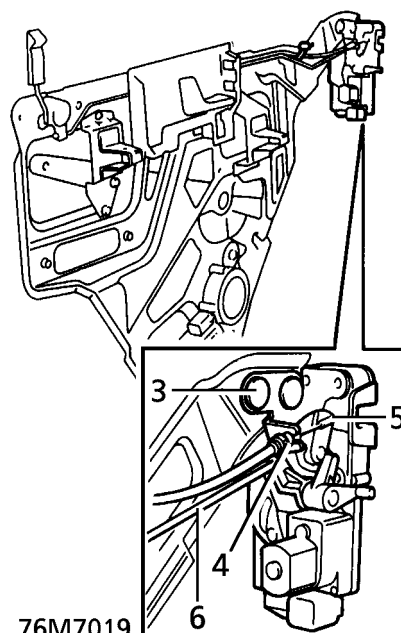
7. Clean handle face on door.
8. Fit handle mounting plate, tighten screw.
9. Fit locking plates.
10. Fit gasket to handle, position handle, secure with screw.
11. Refit door trim casing. **See this section.**

LATCH - REAR DOOR

Service repair no - 76.37.13/70

Remove

1. Remove window lift motor/control unit assembly.
See ELECTRICAL, Repair.
2. Release door lock remote control cable from clip on window lift panel.
3. Remove 2 studs securing latch to window lift panel.



4. Disconnect outer cable from abutment bracket.
5. Release remote cable from latch.
6. Release sill button link rod from latch. Remove latch.

Refit

7. Lubricate new latch.
8. Fit latch to sill button link rod.
9. Fit remote control cable to latch.
10. Fit latch to window lift panel, secure with 2 retaining studs.
11. Refit window lift motor/control unit assembly.
See ELECTRICAL, Repair.

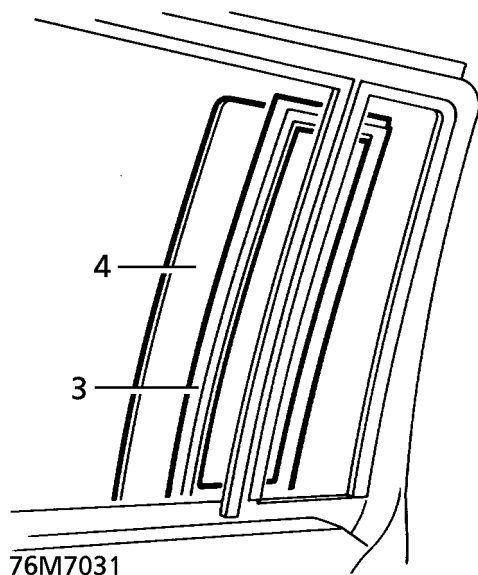


FIXED QUARTER LIGHT - REAR DOOR

Service repair no - 76.31.31

Remove

1. Remove outer waist seal. **See this section.**
2. Remove door trim casing. **See this section.**
3. From inside release seal from frame. Remove seal and glass assembly outwards.
4. Remove seal from glass.



Refit

5. Clean glass, seal and frame.
6. Fit seal to glass. Fit assembly to door frame. If necessary use a draw string to locate rubber.



NOTE: The opening light seal fits over the fixed glass seal.

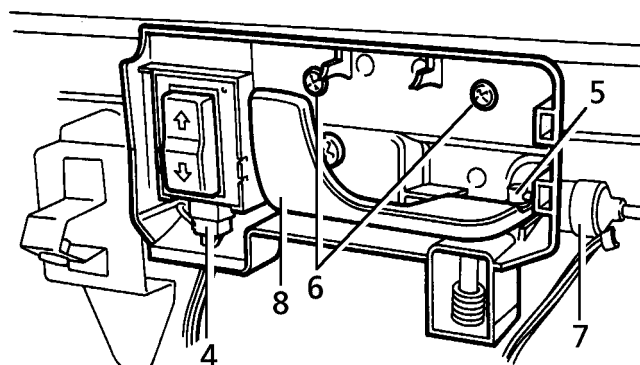
7. Fit door trim casing. **See this section.**
8. Fit outer waist seal. **See this section.**

REMOTE CONTROL - REAR DOOR

Service repair no - 76.37.32

Remove

1. Remove rear door trim casing. **See this section.**
2. Release plastic sheet to clear remote.
3. Remove foam pad from under window lift switch multiplug.
4. Disconnect switch multiplug.



5. Release inner cable from remote lever.
6. Remove 2 screws securing remote to window lift control panel.
7. Release remote outer cable from remote housing.
8. Remove remote control.

Refit

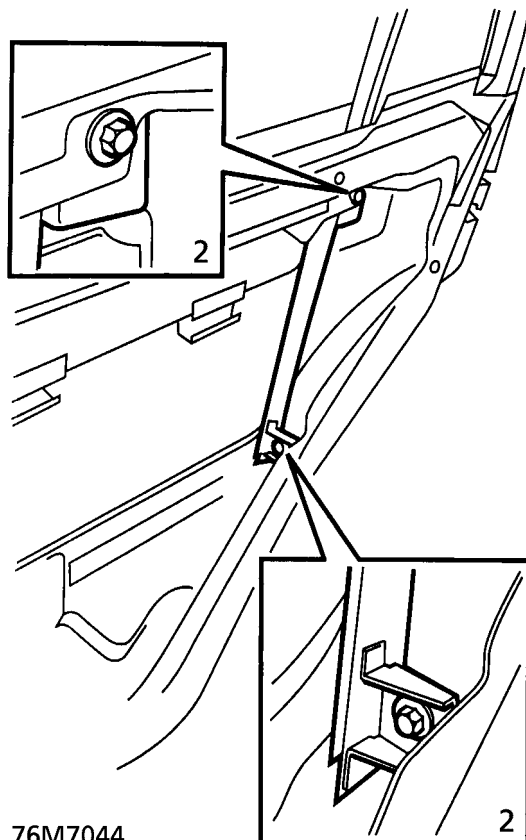
9. Reverse removal procedure.

GLASS CHANNEL - REAR DOOR

Service repair no - 76.31.17

Remove

1. Remove window lift motor/control panel assembly. **See ELECTRICAL, Repair.**
2. Remove 2 bolts securing channel to door and remove channel.



Refit

3. Fit channel to door, secure with 2 bolts.
4. Refit window lift motor/control panel assembly.
See ELECTRICAL, Repair.

SEAL - REAR DOOR

Service repair no - 76.40.02

Remove

1. Open rear door.
2. Remove rear door carpet retainer.
3. Remove rear door aperture seal.

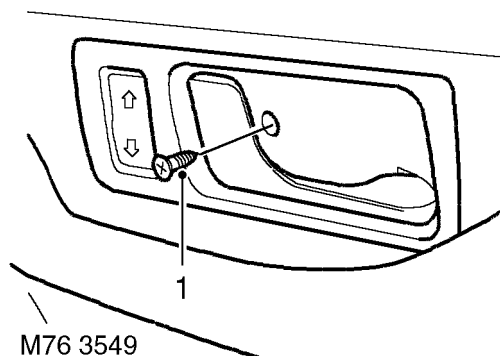
Refit

4. Fit rear door aperture seal.
5. Refit rear door carpet retainer.
6. Close rear door.

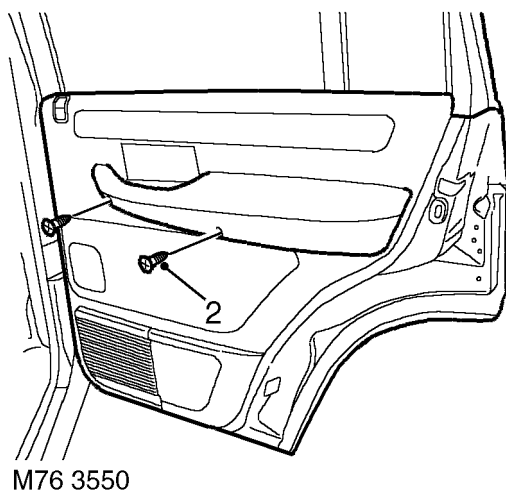
TRIM CASING - REAR DOOR

Service repair no - 76.34.04

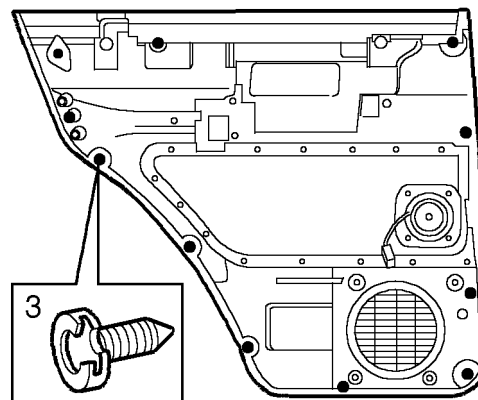
Remove



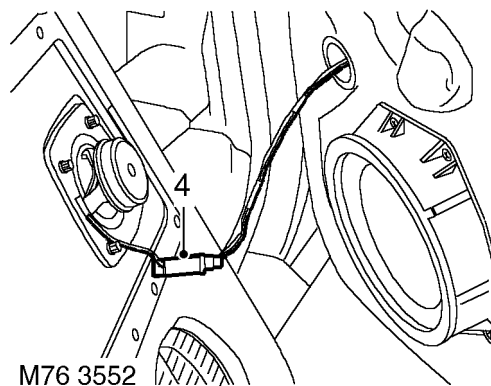
1. Remove screw securing remote handle escutcheon and remove escutcheon.



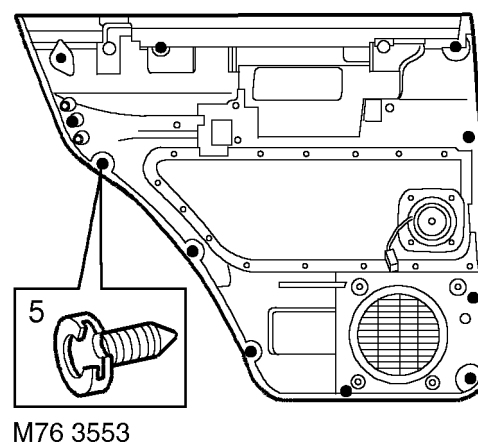
2. Remove 2 screws securing trim casing to door.



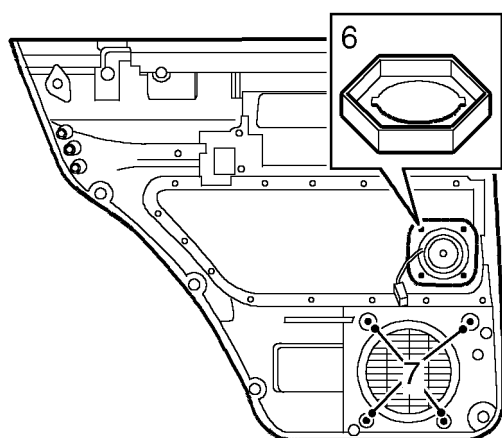
3. Release 11 door trim casing retaining studs.



4. Disconnect rear door speaker and remove door trim.

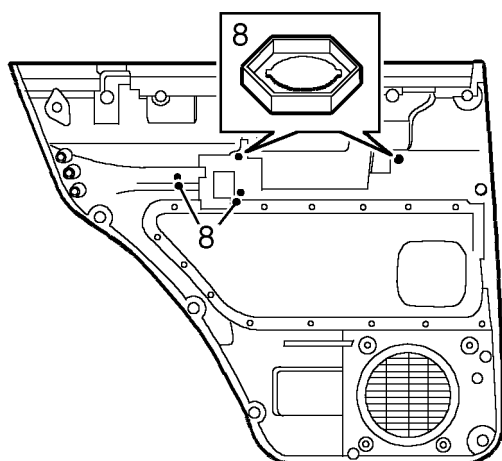


5. Remove 11 trim casing retaining studs from trim casing.



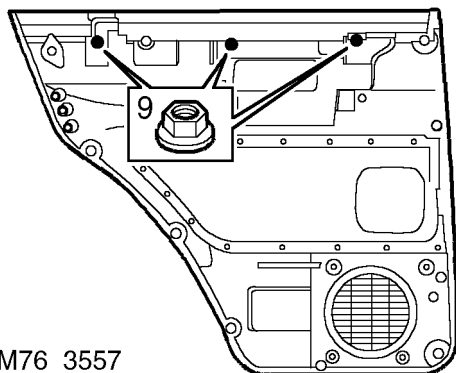
M76 3554

6. Remove 4 speed nuts securing speaker to trim casing and remove speaker.
7. Remove 4 Torx bolts securing speaker grille to trim casing and remove grille.



M76 3556

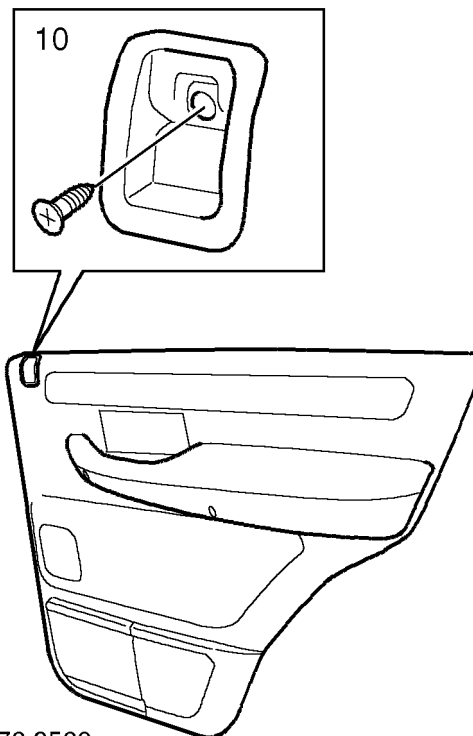
8. Remove 4 speed nuts securing arm rest to trim casing and remove arm rest.



M76 3557

9. Remove 3 nuts securing door trim finisher to

door trim and remove finisher.



M76 3560

10. Remove screw securing door lock button escutcheon to door trim and remove escutcheon.

Refit

11. Fit door lock button escutcheon to door trim and secure with screw.
12. Fit door trim finisher to door trim and secure with nuts.
13. Fit arm rest to door trim and secure with speed nuts.
14. Fit speaker grille to door trim and secure with Torx bolts.
15. Fit speaker to trim casing and secure with speed nuts.
16. Fit trim casing retaining studs.
17. Position door trim to rear door and connect multiplug to speaker.
18. Fit door trim to rear door and secure with screws and retaining studs.
19. Fit door handle escutcheon to door and secure with screw.

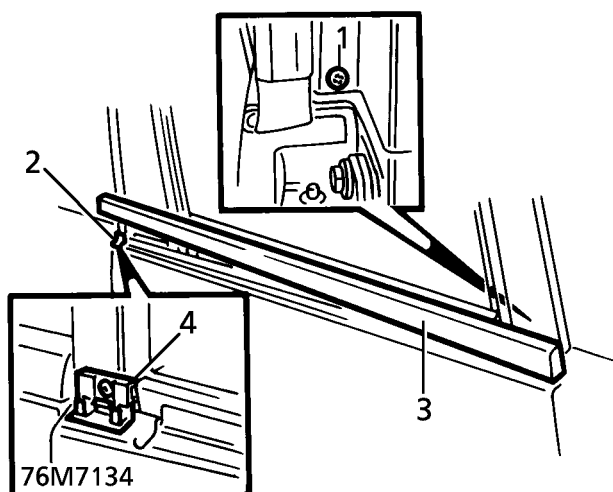


OUTER WAIST SEAL - REAR DOOR

Service repair no - 76.31.54

Remove

1. Remove screw securing seal finisher to forward edge of door.
2. Release seal finisher from clip at rear edge of door.
3. Remove seal and finisher assembly.
4. Remove screw and securing clip.



Refit

5. Fit clip to door, secure with screw.
6. Fit seal and finisher assembly to door. Align at forward edge, secure with screw.

RUBBING STRIPS & DOOR FINISHERS

Remove



CAUTION: When removing exterior trim, NEVER lever directly against body panels. Use an approved trim fork. Protect body panel with suitable material, such as fabric covered hardboard.

Rubbing Strip - Front Fender

1. Remove relevant wheel arch liner. *See this section.*
2. Remove nut securing forward edge of rubbing strip.
3. Remove rubbing strip from single clip.

Rubbing Strip - Rear Quarter Panel

4. Release 5 clips securing rubbing strip. Remove strip.



NOTE: Rearmost clip is unique.

Rubbing Strips - Front & Rear Doors

5. Remove nut securing rear of rubbing strip.
6. **Front Door Rubbing Strip:** Release 5 clips securing rubbing strip.
7. **Rear Door Rubbing Strip:** Release 3 clips securing rubbing strip.
8. Remove rubbing strips.

Lower Door Finishers

9. Remove screw securing rear of finisher.
10. **Front Door Finisher:** Release 5 clips securing rubbing strip.
11. **Rear Door Finisher:** Release 3 clips securing rubbing strip.
12. Remove finishers.

Refit

13. Reverse removal procedure.

GLOVE BOX AND LID

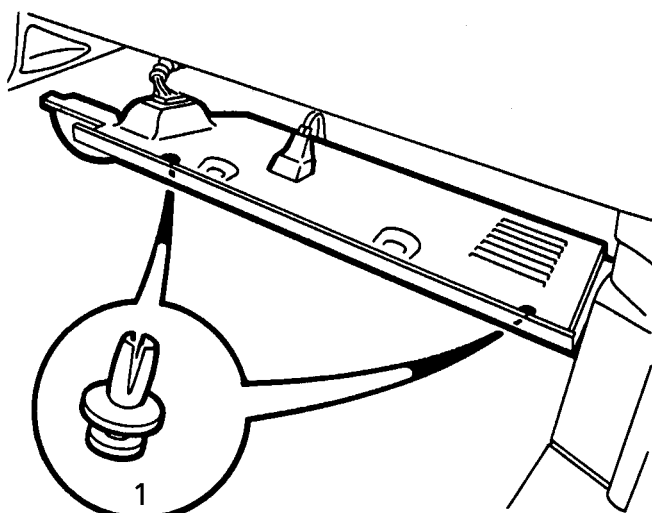
Service repair no - 76.52.03 - Glove Box

Service repair no - 76.52.02 - Glove Box Lid

Service repair no - 76.52.13 - Glove Box Lid - Align

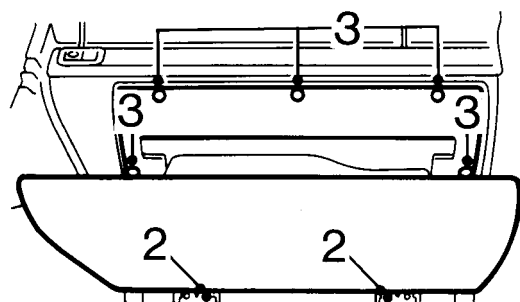
Remove

1. Remove centre screw from 2 scrivet fasteners. Release closing panel for access to glove box hinge fixings. Collect outer parts of fasteners from closing panel.



76M7054

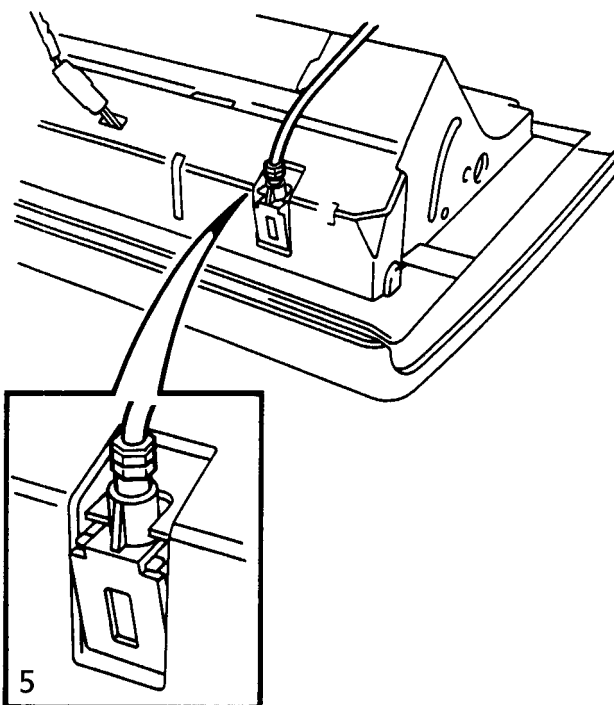
2. Remove 2 bolts securing glove box hinges to fascia frame.
3. Open glove box lid, remove 5 screws securing glove box. Release glove box from fascia.



76M7189

4. Disconnect glove box lamp multiplug.

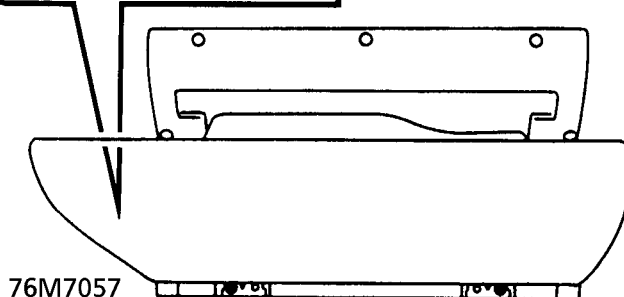
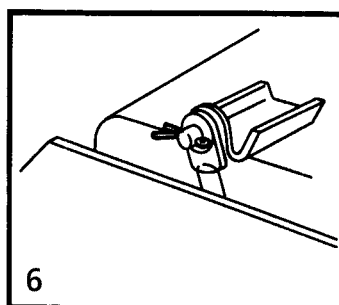
5. Disconnect cable latch, remove glove box assembly.



76M7056

Glove Box Lid

6. Remove split pin, disengage gas strut from lid.



76M7057

7. Remove 2 bolts and square nuts, remove lid from glove box.



Refit Glove Box Lid

8. Position lid to glove box and secure with bolts and square nuts.
9. Engage gas strut, secure with split pin.

Refit Glove Box Assembly

10. Position glove box assembly, connect lamp multiplug. Secure cable latch.
11. Open glove box lid, align assembly to fascia. Secure with screws.
12. Fit bolts securing hinges to fascia frame, do not tighten.
13. Check alignment and latching of glove box lid, adjusting hinges as necessary using central adjusting screws.
14. Tighten screws, hinges to fascia.
15. Close glove box lid.
16. Position closing panel. Secure with scrivet fasteners.

GLOVE BOX RELEASE CABLE

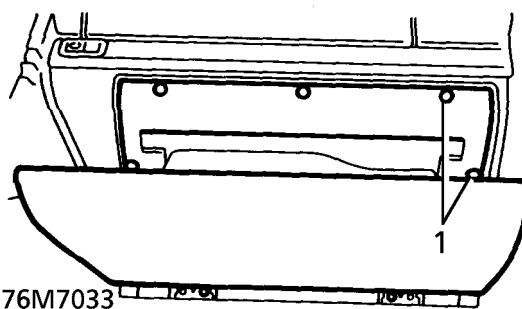
Service repair no - 76.52.14



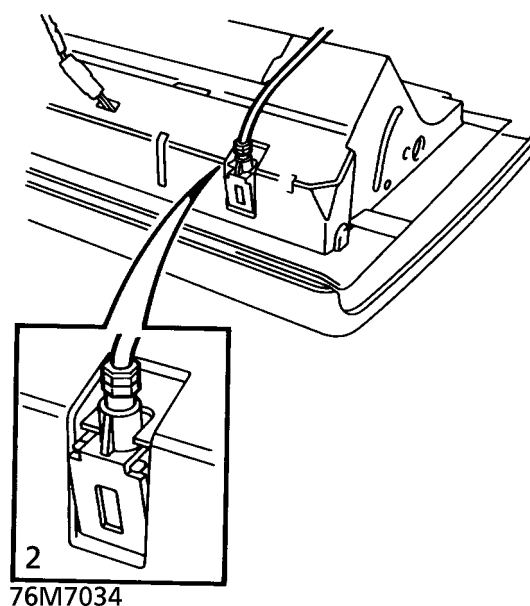
NOTE: Release cables are supplied preset and do not normally require adjustment.

Remove

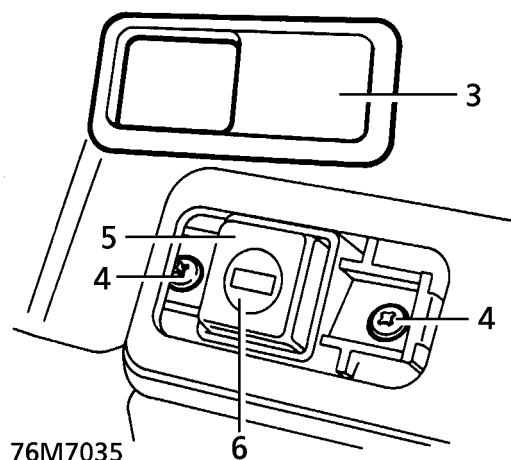
1. Open glove box. Remove 5 screws securing glove box liner to fascia.



2. Lower glove box liner. Release 2 clips to disengage cable latch from location.



3. Remove finisher from lock.



4. Remove 2 screws securing lock and withdraw cable assembly from fascia.
5. Pry cover from lock button.
6. Insert key into lock, turn key through 45 degrees, remove barrel.

Refit

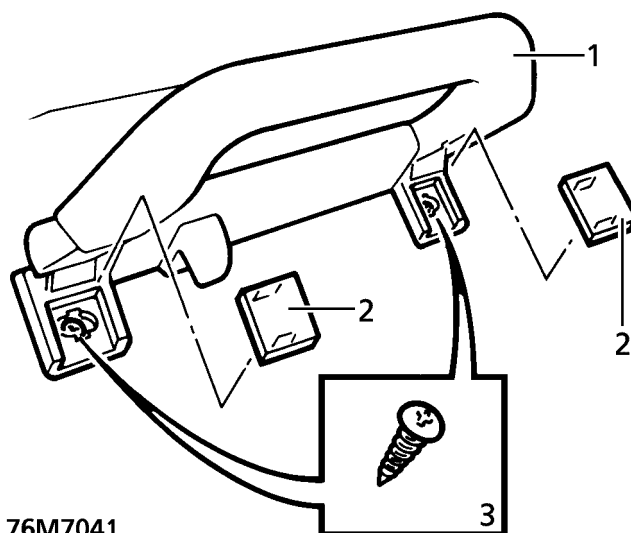
7. Insert barrel, turn to engage in button.
8. Remove key, fit cover to lock button.
9. Route release cable assembly into fascia. Engage cable latch to glove box.
10. Align glove box liner to fascia, tighten screws.
11. Close glove box lid.
12. Position glove box lock to fascia, check operation of latch.
13. If adjustment is necessary, release lock from fascia, loosen cable lock nut, adjust outer cable length. Tighten cable lock nut.
14. Reposition lock to fascia. Recheck operation of latch before securing lock with screws.
15. Fit finisher to lock.

GRAB HANDLE

Service repair no - 76.58.30

Remove

1. Pull down grab handle.
2. Remove 2 grab handle retaining screw access covers.
3. Remove 2 screws, remove grab handle.

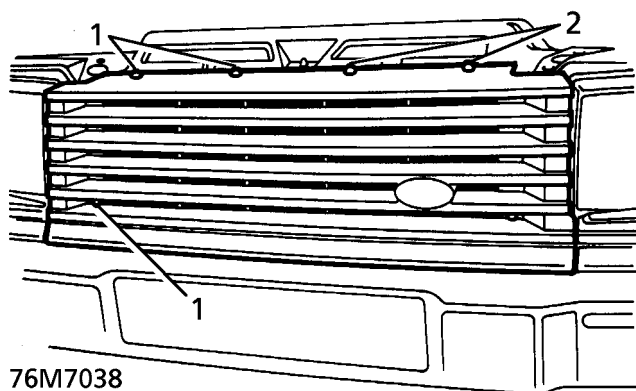


Refit

4. Position grab handle, fit 2 retaining screws.
5. Fit 2 retaining screw access covers.
6. Release grab handle.

**FRONT GRILLE****Service repair no - 76.55.03****Remove**

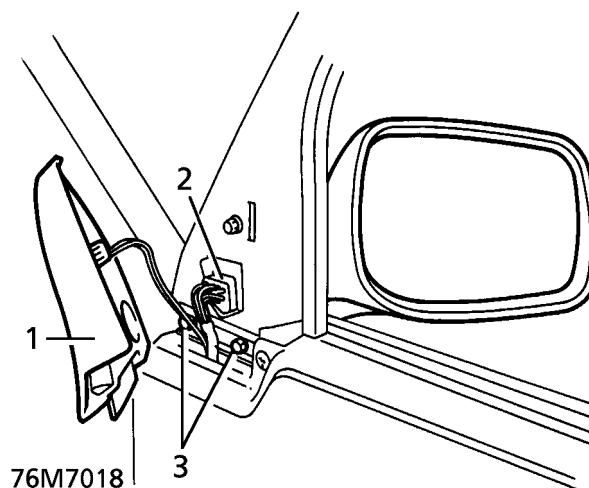
1. Remove 6 screws securing grille.
2. Remove front grille.

**Refit**

3. Reverse removal procedure.

EXTERIOR MIRROR**Service repair no - 76.10.52****Remove**

1. Release cheater panel, disconnect 2 tweeter speaker connectors. Remove cheater panel.
2. Disconnect mirror multiplug.
3. Remove 3 screws, remove mirror.

**Refit**

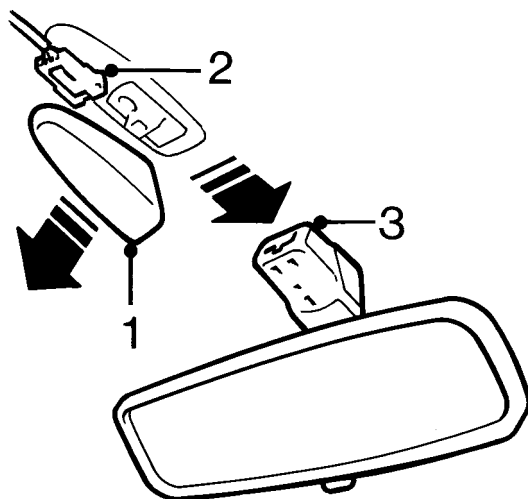
4. Fit mirror, tighten 3 retaining screws.
5. Connect mirror multiplug.
6. Position cheater panel, connect 2 tweeter speaker connectors, secure panel to door.

INTERIOR MIRROR

Service repair no - 76.10.51

Remove

1. Remove cover.
2. If fitted, disconnect multiplug.
3. Remove mirror from windscreen location by pulling sharply downwards.



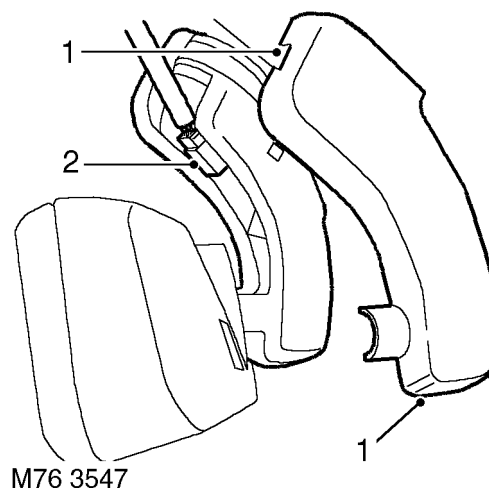
76M7039 A

Refit

4. Reverse removal procedure.

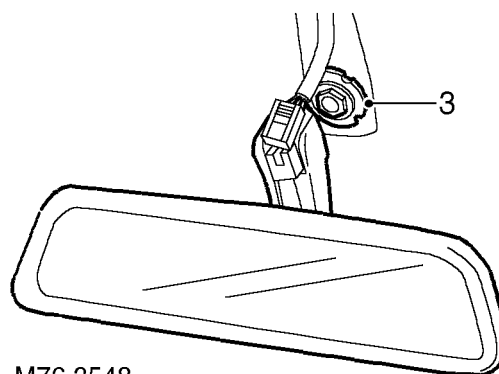
INTERIOR MIRROR - ELECTRONIC DIP - FROM 2000MY

Service repair no - 76.10.53

Remove

M76 3547

1. Release 2 clips securing interior mirror cover to interior mirror and remove cover.
2. Disconnect multiplug from interior mirror.



M76 3548

3. Rotate interior mirror to release from bracket and remove mirror.

Refit

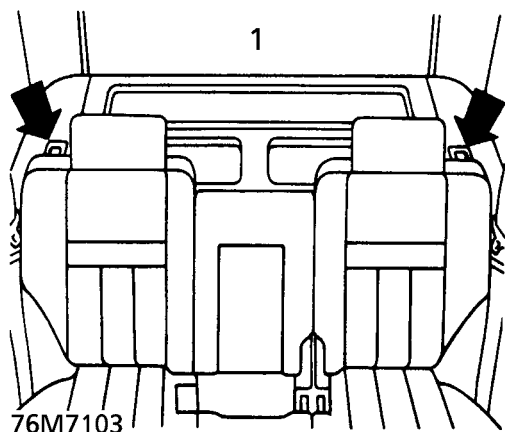
4. Position mirror to bracket and rotate to secure.
5. Connect multiplug to interior mirror.
6. Fit interior mirror cover to interior mirror and secure clips.

PARCEL TRAY SUPPORT

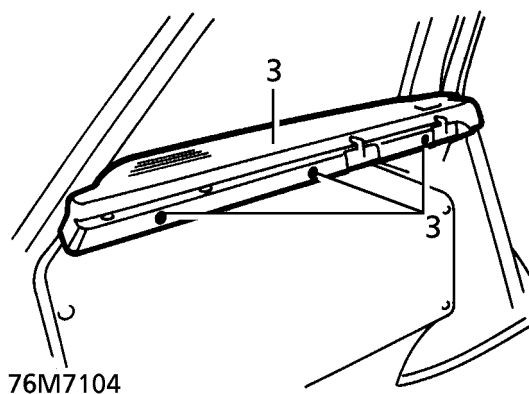
Service repair no - 76.67.11

Remove

1. Release 2 squab catches and fold rear seats forward.



2. Remove parcel tray.
3. Remove 3 studs securing parcel tray support. Remove support.



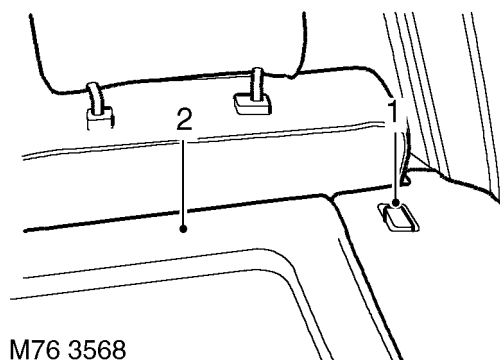
Refit

4. Reverse removal procedure.

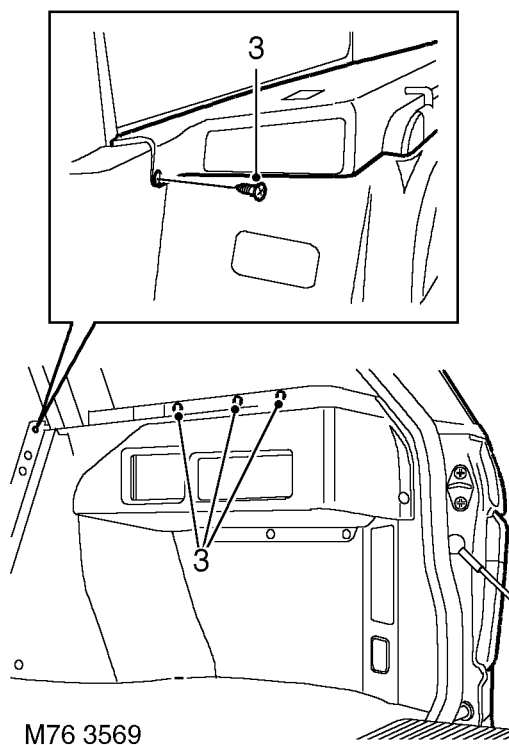
PARCEL TRAY SUPPORT - FROM 2000MY

Service repair no - 76.67.11

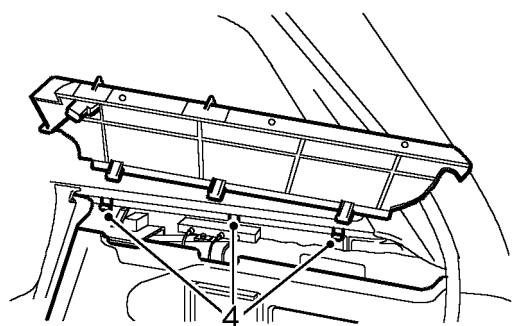
Remove



1. Release 2 squab catches and fold rear seats forward.
2. Remove parcel tray.



3. Remove 3 studs and 1 screw securing parcel tray support.



M76 3570

4. Release support tray from 3 clips and remove tray.

Refit

5. Position support tray and secure clips.
6. Secure support tray to trim with studs and screw.
7. Fit parcel tray.
8. Reposition seats and secure catches.

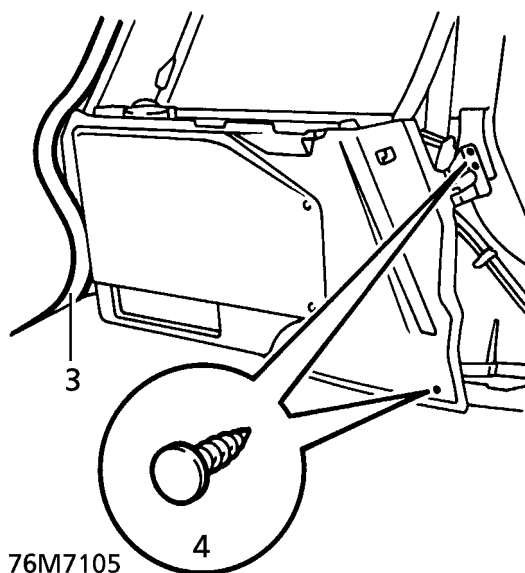
PARCEL TRAY SUPPORT TRIM

Service repair no - 76.67.12 - RH

Service repair no - 76.67.09 - LH

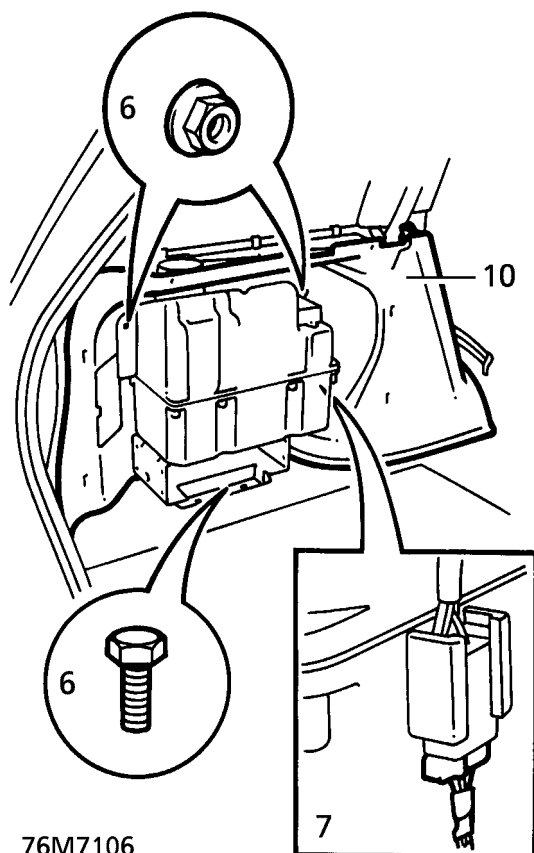
Remove

1. Remove parcel tray support. **See this section.**
2. Remove 'D' post lower trim.
3. Release tailgate aperture seal from support trim flange.
4. Remove 3 trim studs.



LH Trim Only

5. Remove CD autochanger. **See ELECTRICAL, Repair.**
6. Remove 2 nuts and 2 bolts securing sub-woofer assembly.



7. Disconnect multiplug from sub-woofer.

Both Trim Panels

8. Release 2 sprag clips securing support trim to body.
9. Remove support trim panel.
10. **LH Trim Only:** Separate sub-woofer from trim panel.

Refit

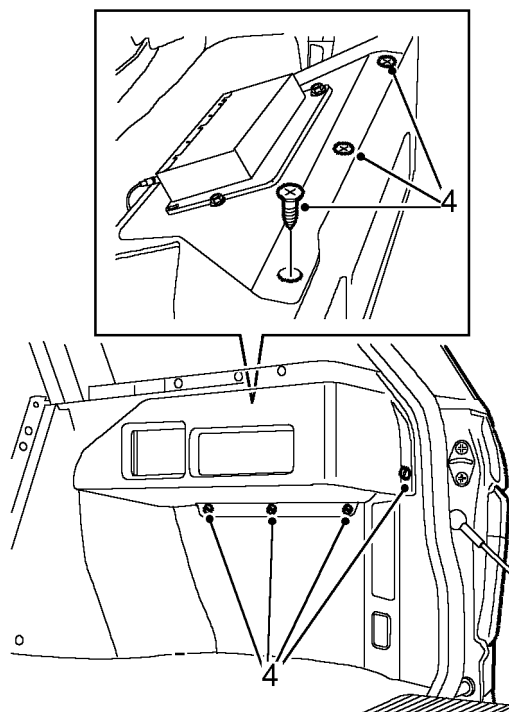
11. Reverse removal procedure.

PARCEL TRAY SUPPORT TRIM - WITH NAVIGATION

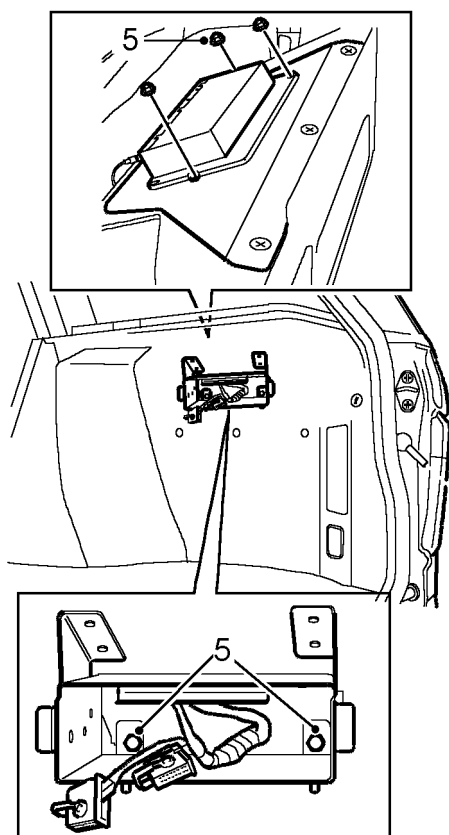
Service repair no - 76.67.12

Remove

1. Remove parcel tray support. **See this section.**
2. Remove satellite navigation computer. **See ELECTRICAL, Repair.**

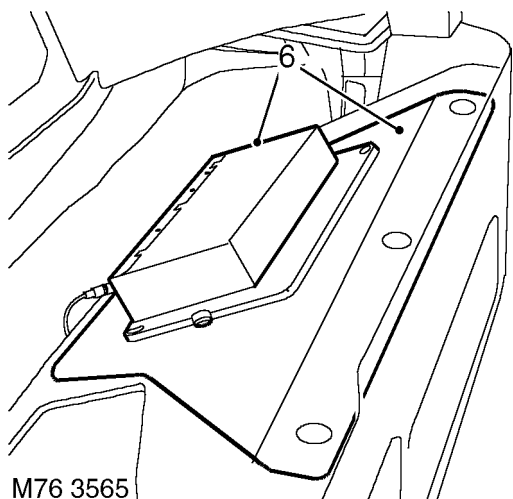


3. Remove 3 screws and 4 scrivenets securing satellite navigation computer trim to parcel tray support trim and remove trim.



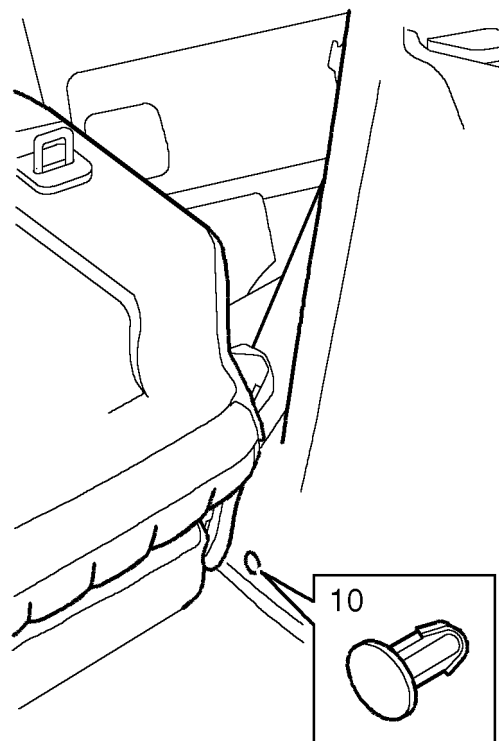
M76 3564

4. Remove 5 nuts securing satellite navigation computer bracket to support trim and remove bracket.



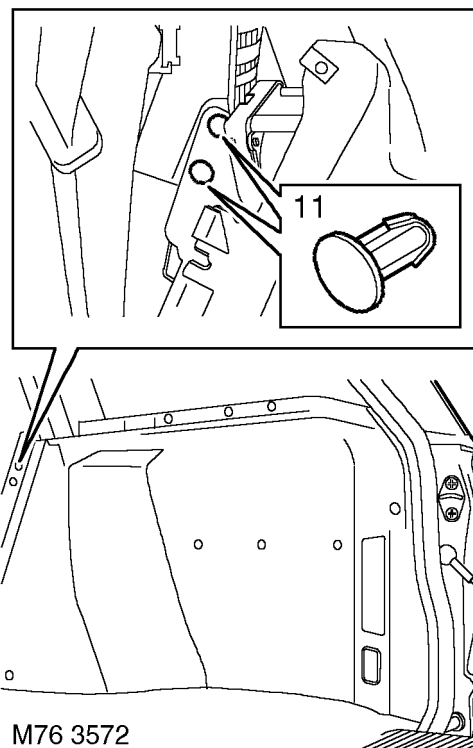
M76 3565

5. Position GPS receiver aside and remove mounting plate.
6. Remove power socket. **See this section.**



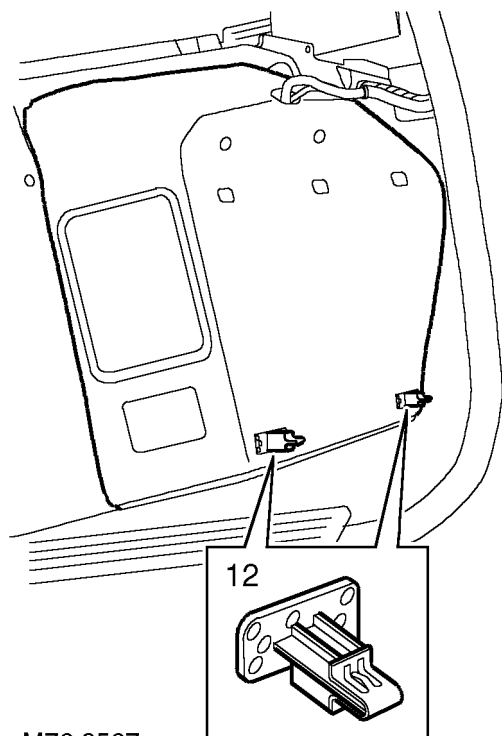
M76 3571

7. Remove trim clip securing support trim to body.



M76 3572

8. Move support trim forward and release 2 clips securing trim bracket to body.



M76 3567

9. Release 2 clips securing trim to body and remove trim.

Refit

10. Position trim panel to body and secure clips.
11. Fit mounting bracket to body with trim clips.
12. Feed satellite navigation and power socket wires through correct holes, Push trim into place and secure with trim clip.
13. Position mounting bracket behind trim and feed mounted threads through holes in trim.
14. Position power socket bracket, feed wires through bracket and connect socket.
15. Fit socket to bracket and secure clip and screw.
16. Position mounting plate to top of trim and position GPS receiver to mounting plate.
17. Fit satellite navigation computer bracket to trim and secure with nuts.
18. Fit satellite navigation trim cover and secure with screws and trim clips.
19. Fit satellite navigation computer. **See ELECTRICAL, Repair.**
20. Fit parcel tray support. **See this section.**

A,B,D and E POST TRIMS

Remove

1. Remove aperture seal from appropriate area.
2. Remove retaining screws ('A' post lower trims)
3. Remove seat belt top mounting ('B' and 'D' post upper trims)
4. Release retaining clips, remove finisher.

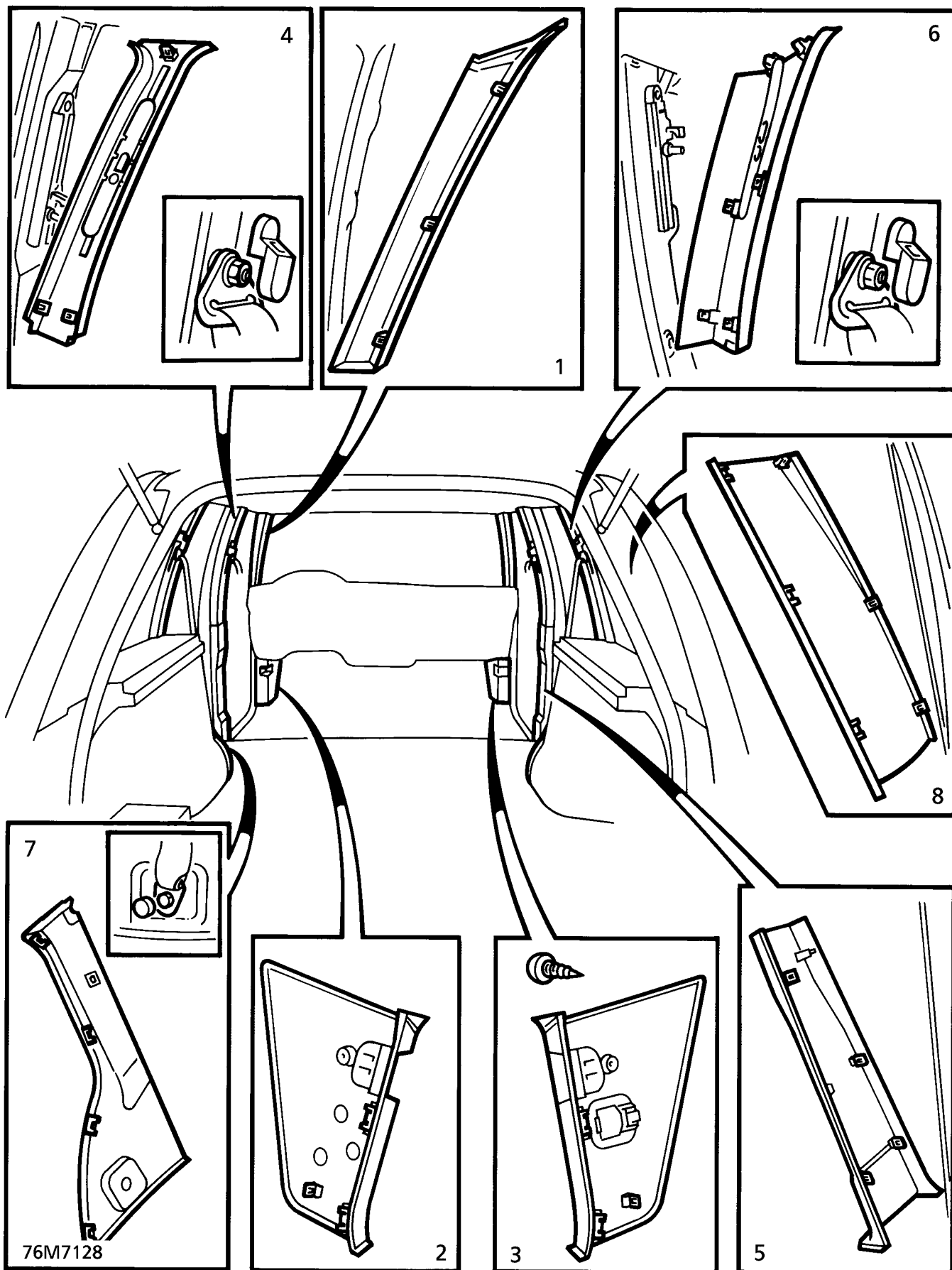
Refit

5. Position finisher, secure with retaining clips and screws.
6. Fit seat belt top mounting. Tighten to **25 Nm. (18lbf. ft)**
7. Secure aperture seal.



NOTE: Illustration 76M 7128 shows the fixing method for the A, B, D and E post trim finishers.

1. A post upper
2. A post lower left hand
3. A post lower right hand
4. B post upper
5. B post lower
6. D post upper
7. D post lower
8. E post

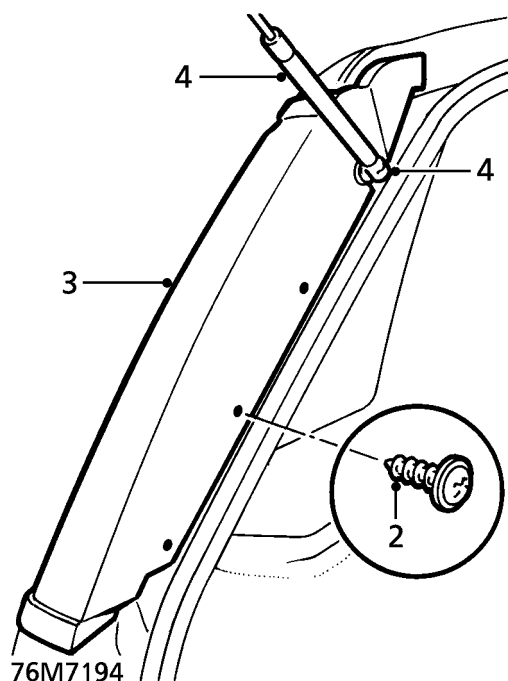


'E' POST - EXTERIOR TRIM

Service repair no - 76.43.

Remove

1. Open upper tailgate.
2. Remove 3 screws securing trim to 'E' post.



3. Remove trim.

Refit

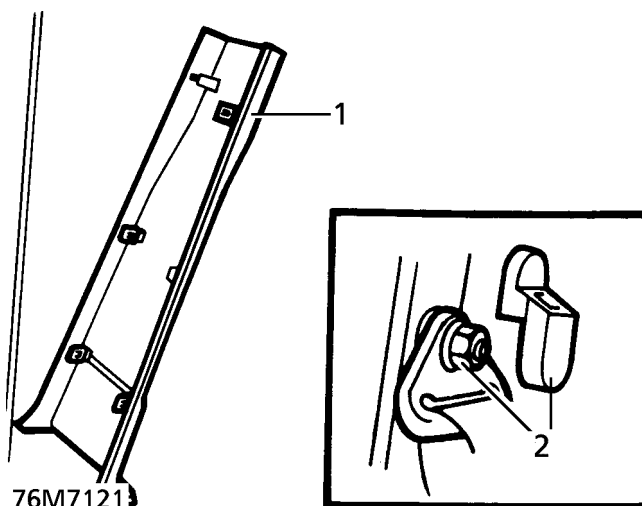
4. Position trim to 'E' post, engage slot beneath special washer on tailgate strut ball joint and engage channel to rear edge of quarter glass.
5. Secure trim with screws.
6. Close tailgate.

SEAT BELT - FRONT - UP TO 99MY

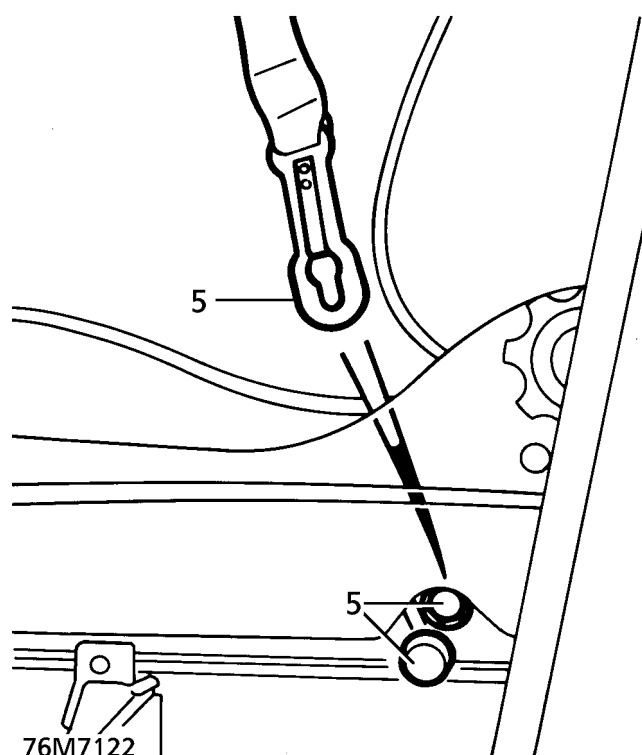
Service repair no - 76.73.13

Remove

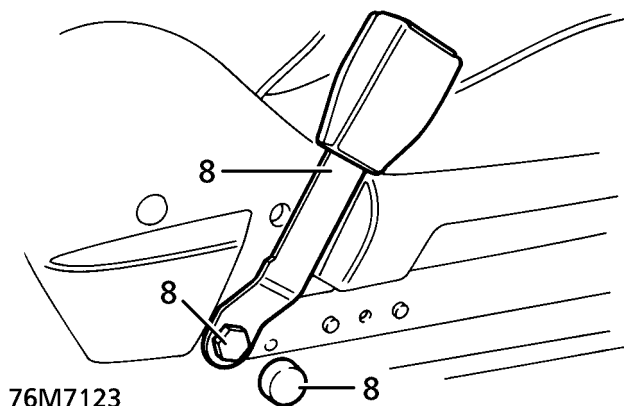
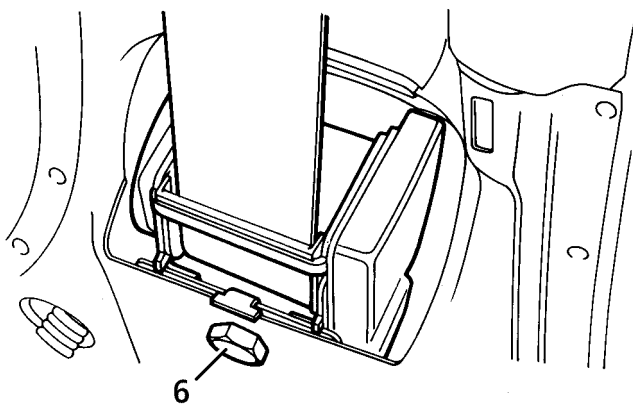
1. Remove lower 'B' post finisher.



2. Remove cover and nut securing seat belt to upper anchorage point.
3. Release seat belt guide from 'B' post.
4. Move seat fully forwards.
5. Remove bolt cover. Release seat belt from lower anchorage point on seat.



6. Remove bolt securing belt reel to 'B' post, remove belt reel.



7. Move seat fully rearwards.
8. Remove cover from seat belt stalk fixing. Remove bolt. Collect stalk.

Refit

9. Position seat belt stalk. Secure with retaining bolt. Tighten to **35 Nm. (26 lbf.ft)**. Fit bolt cover.
10. Fit seat belt reel to 'B' post. Secure with retaining bolt. Tighten to **35 Nm. (26 lbf.ft)**
11. Move seat fully forwards.
12. Secure seat belt to lower anchorage point. Fit bolt cover.



WARNING: Ensure that belt is correctly located before fitting bolt cover.

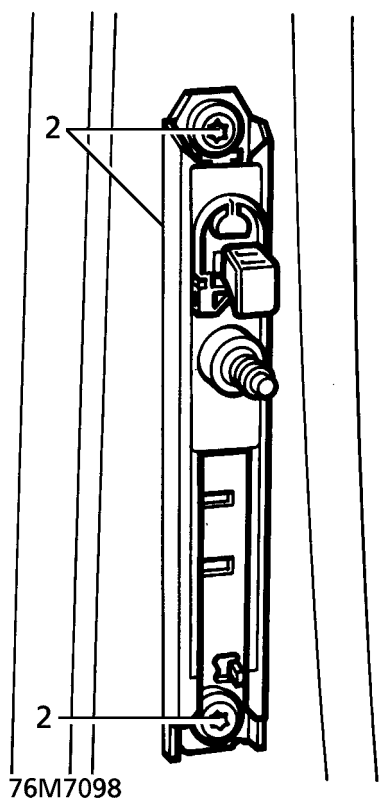
13. Align belt to upper anchorage point. Secure with nut. Tighten to **25 Nm. (18 lbf.ft)**. Fit cover.
14. Secure seat belt guide to 'B' post.
15. Refit lower 'B' post finisher.

**FRONT SEAT BELT ADJUSTABLE MOUNTING**

Service repair no - 76.73.26

Remove

1. Remove 'B' post trim upper.
2. Remove 2 screws securing adjustable mounting.
Remove mounting.

**Refit**

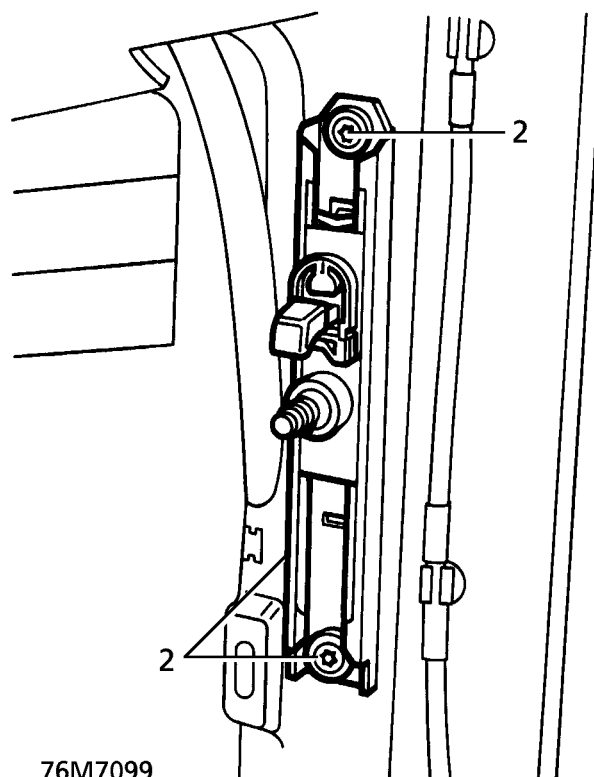
3. Position adjustable mounting. Secure with screws. Tighten to **25 Nm. (18 lbf.ft)**
4. Fit 'B' post trim upper.

SEAT BELT ADJUSTABLE MOUNTING - 'D' POST

Service repair no - 76.73.36

Remove

1. Remove 'D' post trim - upper.
2. Remove 2 screws securing adjustable mounting.
Remove mounting.

**Refit**

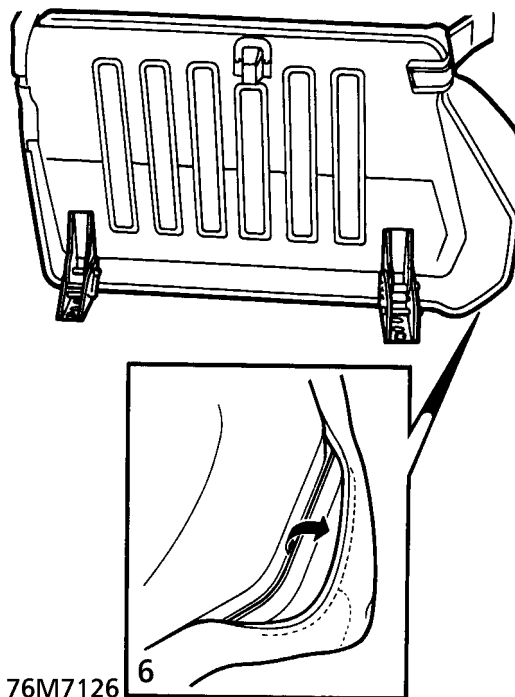
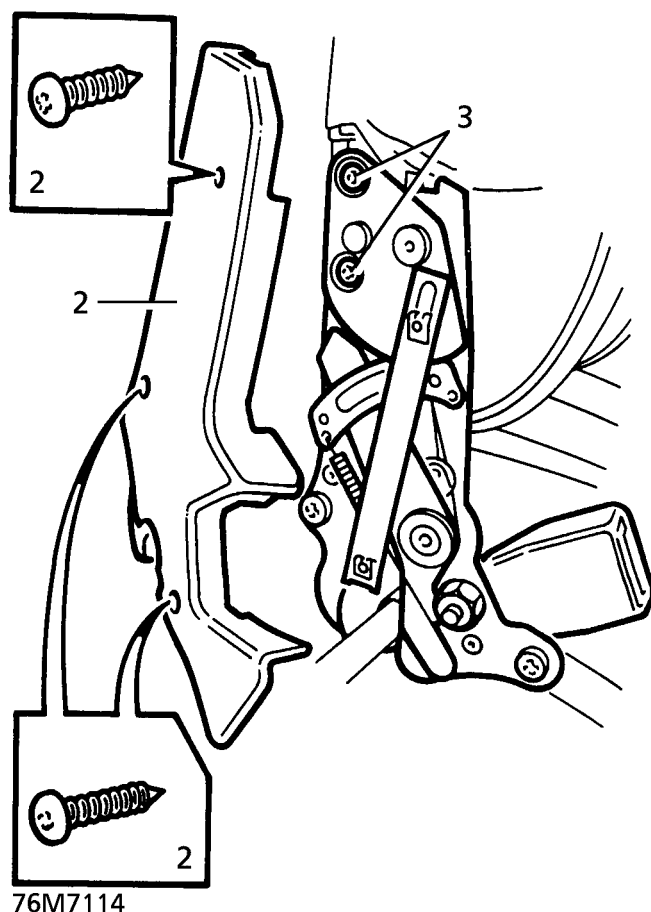
3. Position adjustable mounting. Secure with screws. Tighten to **25 Nm. (18 lbf.ft)**
4. Refit 'D' post trim - upper.

REAR SEAT BELT - CENTRE

Service repair no - 76.73.20

Remove

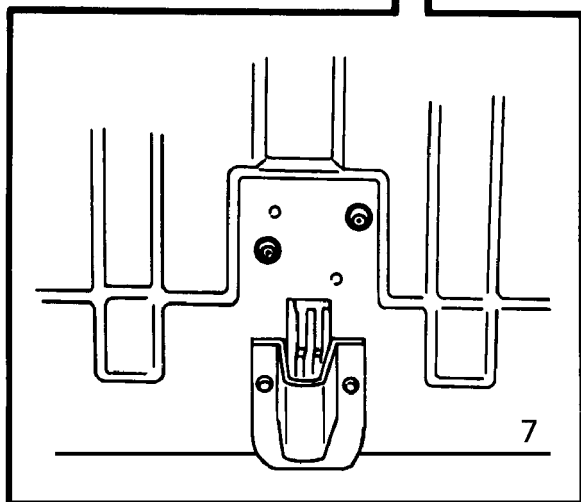
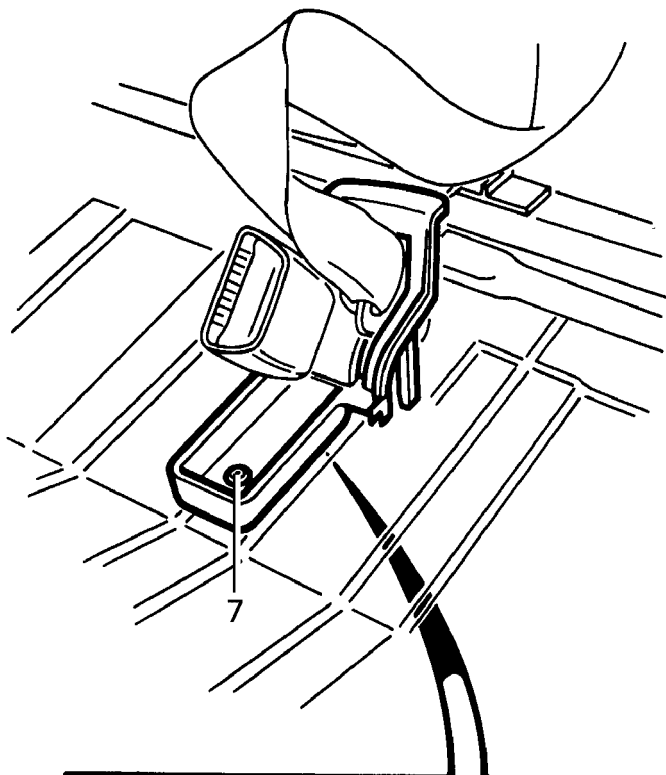
1. Remove right hand rear seat. **See SEATS, Repair.**
2. Remove 3 screws securing squab hinge cover. Remove cover.



CAUTION: Take care when releasing cover/foam from belt anchorage finisher.

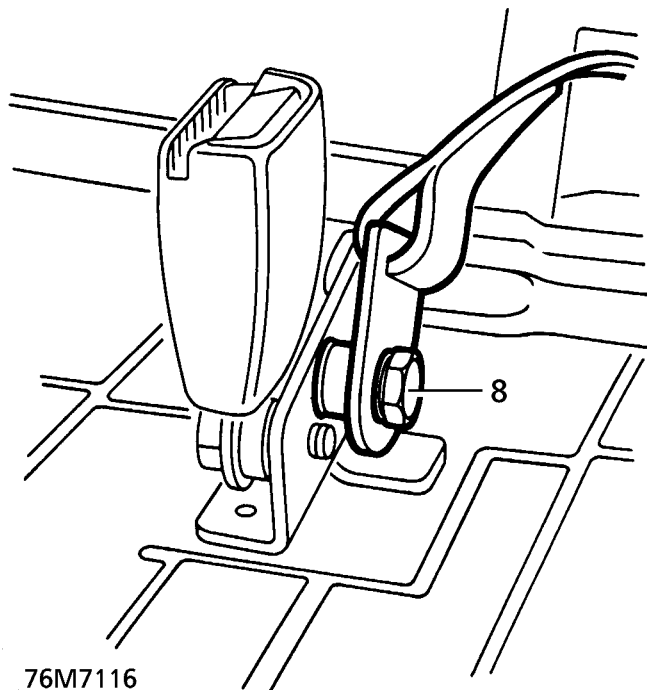
3. Remove 2 bolts securing squab to cushion assembly.
4. Remove squab from cushion assembly.
5. Remove bolt and wave washer securing stalk to squab hinge. Remove stalk. Collect plain washer.
6. Release beaded edge of cushion cover from seat pan flange. Remove cushion cover/foam assembly.

7. Remove 3 screws securing anchorage cover to seat pan. Remove cover in 2 pieces.



76M7115

8. Remove bolt securing seat belt to seat pan. Remove belt, collect spacer.



76M7116

Refit

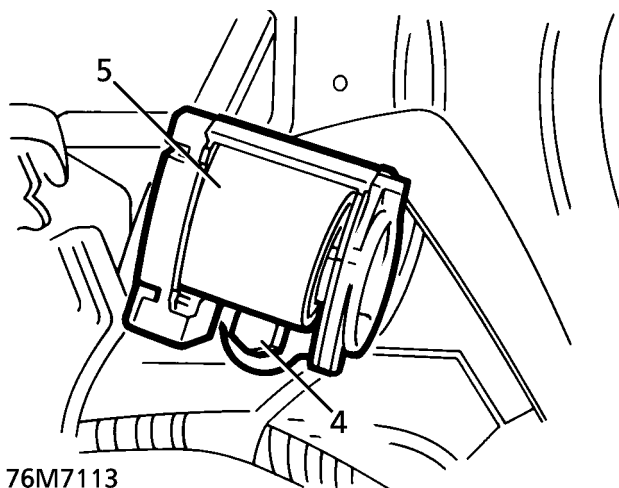
9. Fit seat belt to seat pan. Secure with bolt and spacer. Tighten to **35 Nm. (26 lbf.ft)**
10. Fit seat belt anchorage cover. Secure with screws.
11. Fit cushion assembly to seat pan. Secure beaded edge of cover to seat pan flange.
12. Fit stalk to squab hinge. Secure with bolt. Tighten to **35 Nm. (26 lbf.ft)**
13. Position seat squab to cushion assembly. Secure with bolts. Tighten to **45 Nm. (33 lbf.ft)**
14. Refit squab hinge cover. Secure with screws.
15. Refit rear seat assembly. **See SEATS, Repair.**

REAR SEAT BELT - LEFT HAND

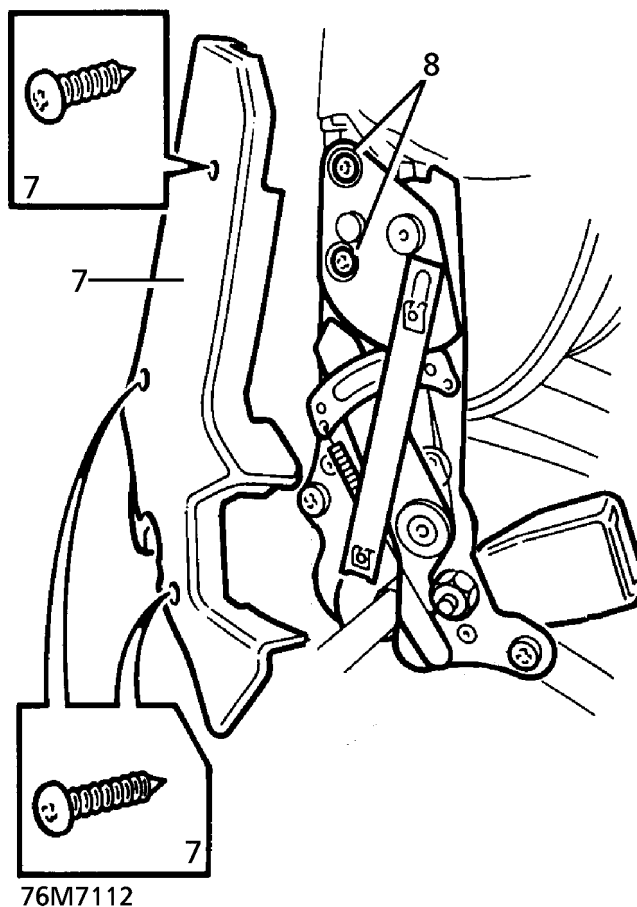
Service repair no - 76.73.23

Remove

1. Remove parcel shelf support trim. **See this section.**
2. Remove 'D' post lower trim. **See this section.**
3. Remove cover and nut securing seat belt to upper anchorage point.
4. Remove bolt securing seat belt reel.



5. Remove seat belt reel.
6. Remove left hand rear seat. **See SEATS, Repair.**
7. Remove 3 screws securing squab hinge cover. Remove cover.



8. Remove 2 bolts securing squab to cushion assembly.
9. Remove squab from cushion assembly.
10. Remove bolt and wave washer securing stalk to squab hinge.
11. Remove stalk. Collect plain washer.

Refit

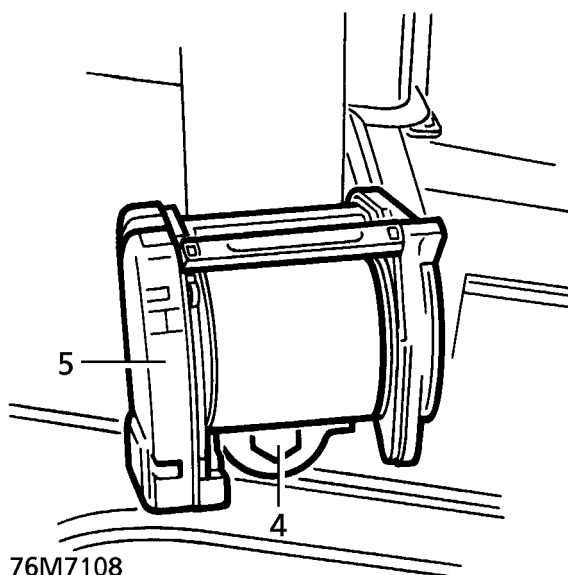
12. Fit stalk to squab hinge. Secure with bolt. Tighten to **35 Nm. (26 lbf.ft)**
13. Position seat squab to cushion assembly. Secure with bolts. Tighten to **45 Nm. (33 lbf.ft)**
14. Refit squab hinge cover. Secure with screws.
15. Refit rear seat assembly. **See SEATS, Repair.**
16. Position belt to upper anchorage point. Secure with nut. Tighten to **25 Nm. (18 lbf.ft)**. Fit cover.
17. Position seat belt reel. Secure with bolt. Tighten to **35 Nm. (26 lbf.ft)**
18. Fit 'D' post lower trim. **See this section.**
19. Fit parcel shelf support trim. **See this section.**

REAR SEAT BELT - RIGHT HAND

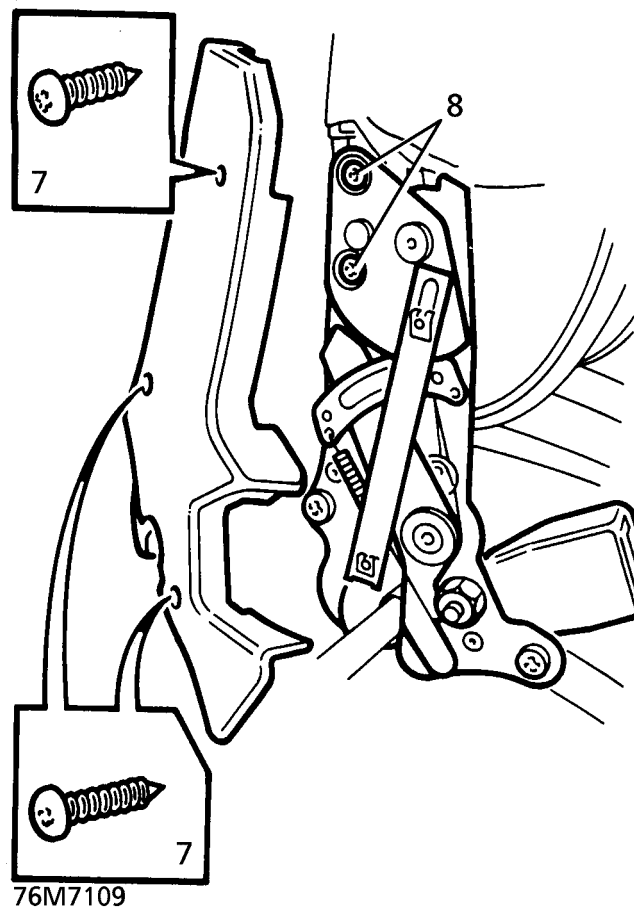
Service repair no - 76.73.24

Remove

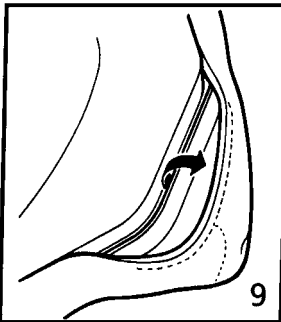
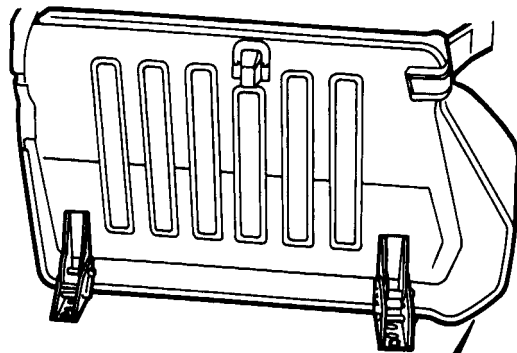
1. Remove parcel shelf support trim. **See this section.**
2. Remove 'D' post lower trim.
3. Remove cover and nut securing seat belt to upper anchorage point.
4. Remove bolt securing seat belt reel.



5. Remove seat belt reel.
6. Remove right hand rear seat. **See SEATS, Repair.**
7. Remove 3 screws securing squab hinge cover. Remove cover.



8. Remove 2 bolts securing squab to cushion assembly. Remove squab.
9. Release beaded edge of cushion cover from seat pan flange. Remove cushion cover/foam assembly.



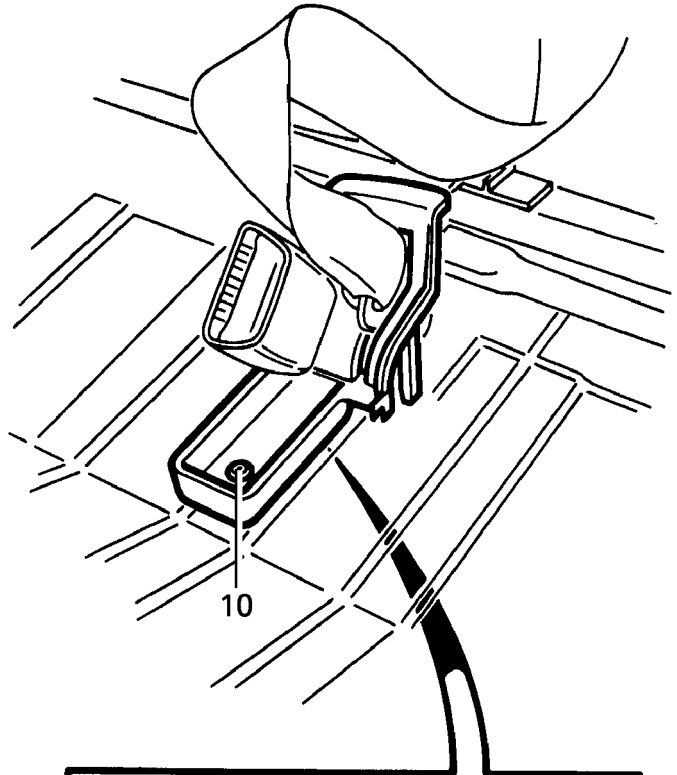
76M7125

9

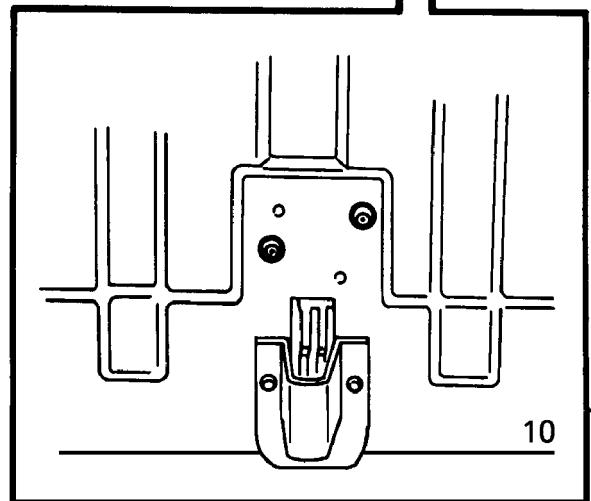


CAUTION: Take care when releasing cover/foam from belt anchorage finisher.

10. Remove 3 screws securing anchorage cover to seat pan. Remove cover in 2 pieces.



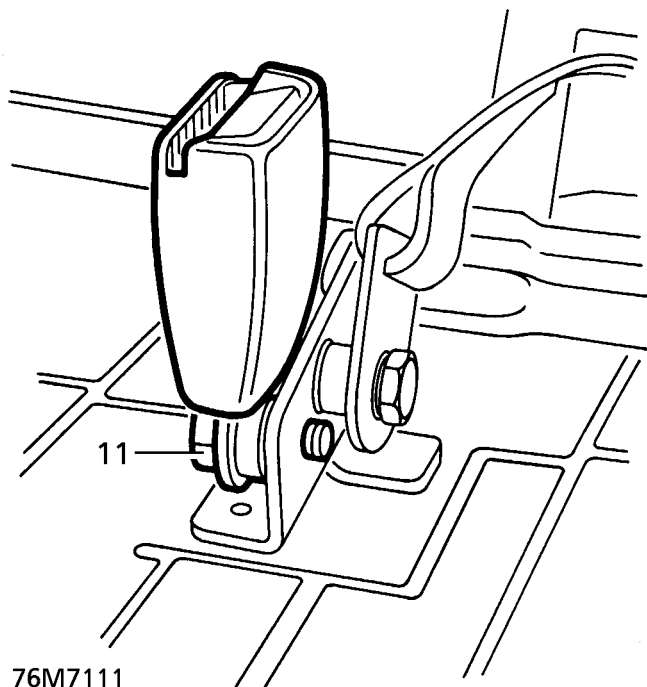
10



10

76M7110

11. Remove bolt securing stalk to seat pan. Remove stalk. Collect 2 spacers and wave washer.



Refit

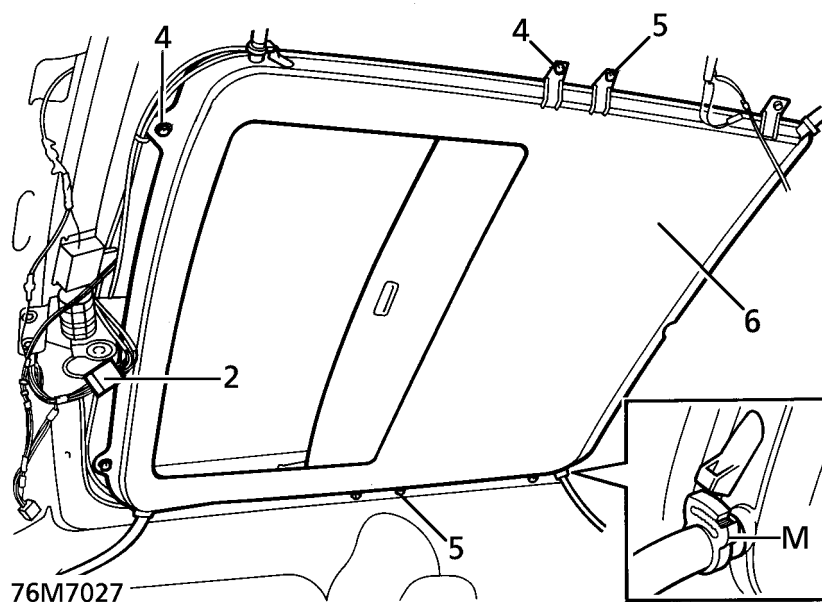
12. Fit stalk to seat pan. Secure with bolt, spacers and wave washer. Tighten to **35 Nm. (26 lbf.ft)**
13. Fit seat belt anchorage cover. Secure with screws.
14. Fit cushion assembly to seat pan. Secure beaded edge of cover to seat pan flange.
15. Fit stalk to squab hinge. Secure with bolt. Tighten to **35 Nm. (26 lbf.ft)**
16. Position seat squab to cushion assembly. Secure with bolts. Tighten to **45 Nm. (33 lbf.ft)**
17. Refit squab hinge cover. Secure with screws.
18. Refit rear seat assembly. **See SEATS, Repair.**
19. Position belt to upper anchorage point. Secure with nut. Tighten to **25 Nm. (18 lbf.ft)**. Fit cover.
20. Position seat belt reel. Secure with bolt. Tighten to **35 Nm. (26 lbf.ft)**
21. Fit 'D' post lower trim.
22. Fit parcel shelf support trim. **See this section.**

SLIDING ROOF - ELECTRIC**Service repair no - 76.82.44****Remove**

1. Remove headlining. **See this section.**
2. Disconnect motor multiplug.
3. Disconnect sliding roof drain tubes.
4. Remove 8 bolts securing sliding roof.
5. With assistance, remove 2 remaining bolts.
Remove sliding roof.
6. Remove seal from sliding roof.

Refit

7. Ensure mating faces are clean.
8. Fit new seal to sliding roof.
9. With assistance, position sliding roof. Fit 2 bolts.
10. Fit remaining bolts.
11. Connect drain tubes. Secure with clips.
12. Connect motor multiplug.
13. Refit headlining. **See this section.**



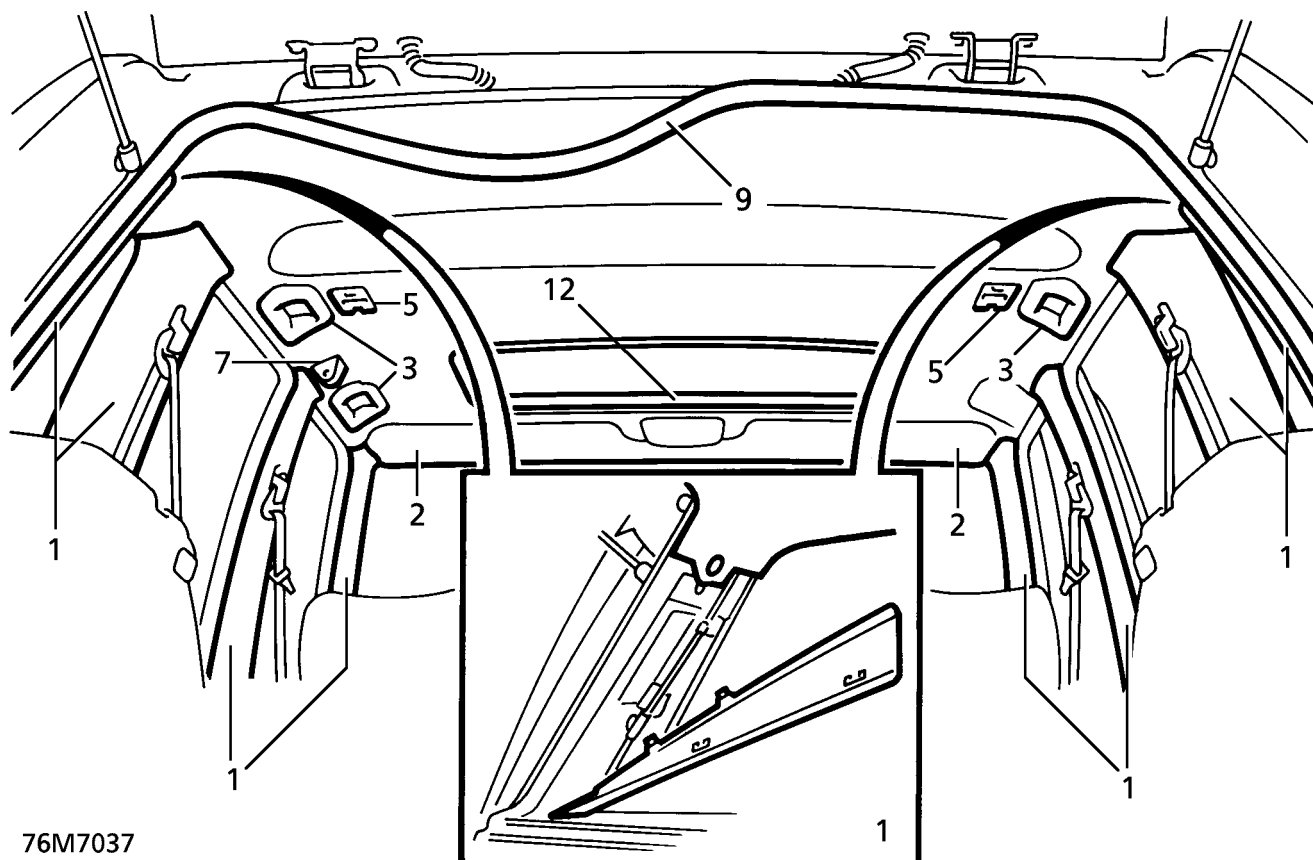


HEADLINING - SLIDING ROOF

Service repair no - 76.64.15

Remove

1. Remove upper trims from 'A', 'B', 'D' & 'E' posts.
See this section.



76M7037

2. Remove both sun visors. **See this section.**
3. Remove grab handles. **See this section.**
4. Remove parcel tray support trim. **See this section.**
5. Remove interior lamps. **See ELECTRICAL, Repair.**
6. Remove front courtesy lamp. **See ELECTRICAL, Repair.**
7. Remove ultrasonic sensor. **See ELECTRICAL, Repair.**
8. Fold down rear seat squabs. Recline front seat squabs.
9. Release aperture sealing rubbers at tops of doors and tailgate.
10. Release sun visor clip retaining screw cover plugs.
11. Remove sun visor retaining clip screws. Remove clips.
12. Remove sun roof aperture finisher.
13. Remove 2 headlining grab handle blanks.
14. Remove 2 studs securing rear of headlining.
15. With assistance remove headlining.

Refit

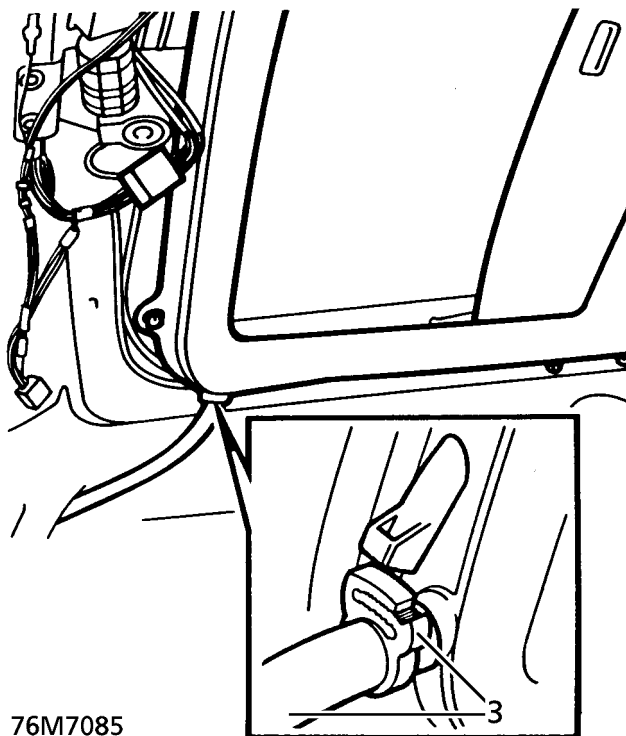
16. Reverse removal procedure.

SUNROOF DRAIN TUBE - FRONT

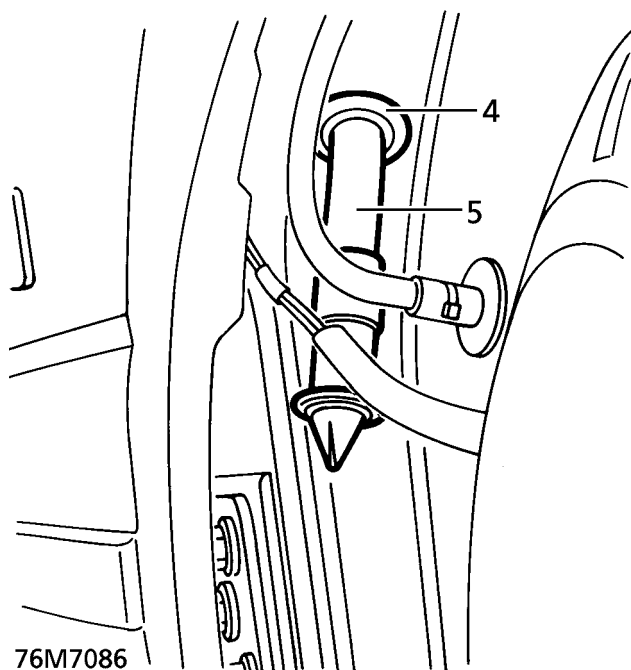
Service repair no - 76.82.21

Remove

1. Remove headlining. **See this section.**
2. Remove wheel arch liner. **See this section.**
3. Release drain tube from sunroof.



76M7085



76M7086

Refit

6. Tie draw string to new drain tube and pull through 'A' post.
7. Fit grommet to drain tube, secure to body.
8. Secure drain tube to sunroof.
9. Fit headlining. **See this section.**
10. Refit wheel arch liner. **See this section.**


4. Release drain tube grommet from body behind wheel arch liner.
5. Tie draw string to one end of drain tube and pull tube from 'A' post.

SUNROOF DRAIN TUBE - REAR

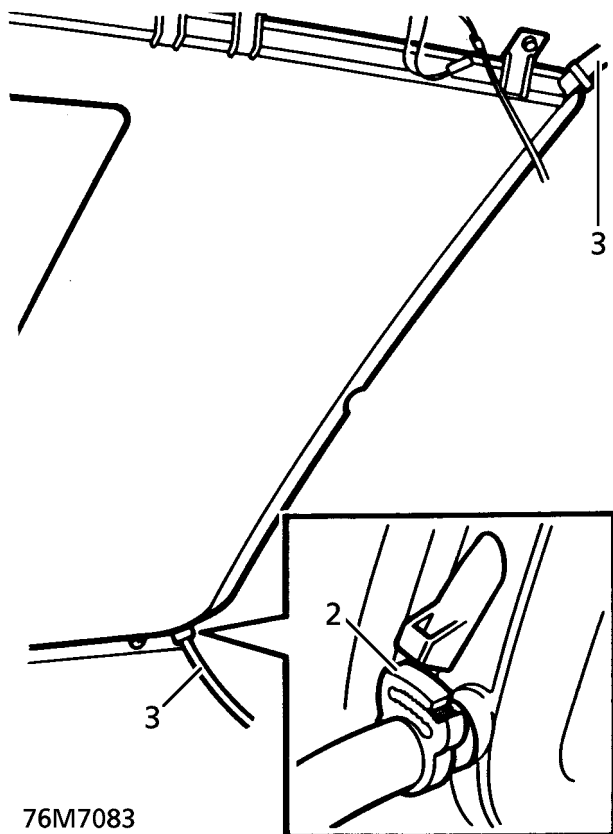
Service repair no - 76.82.22

Remove

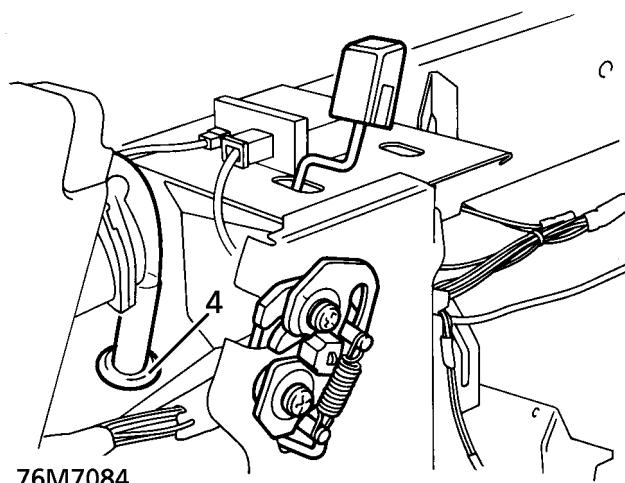
1. Remove headlining. **See this section.**

 **NOTE:** Ensure that parcel shelf support panel is removed from side of drain tube to be removed.

2. Release clip from drain tube.



3. Disconnect drain tube from sunroof.
4. Remove drain tube from wheel arch grommet.

**Refit**

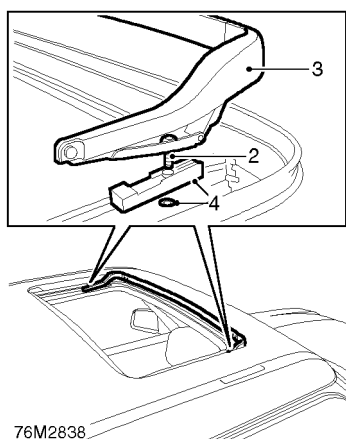
5. Fit drain tube to sunroof, secure with clip.
6. Fit drain tube through wheel arch grommet.
7. Refit headlining. **See this section.**

SUNROOF - WIND DEFLECTOR

Service repair no - 76.82.31

Remove

1. Open sunroof panel.



2. Remove 2 Torx screws securing wind deflector to sunroof frame.
3. Remove wind deflector assembly.
4. Collect 2 spacer blocks and 2 nylon washers from sunroof frame.

Refit

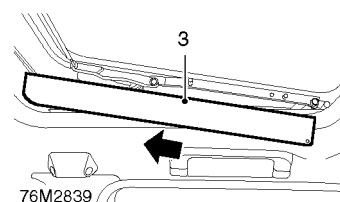
5. Position nylon washers and spacer blocks to sunroof frame.
6. Align wind deflector assembly and secure with Torx screws. Torque tighten Torx screws to **2 Nm (1.5 lbf.ft)**.
7. Close sunroof panel.

SUNROOF - PANEL

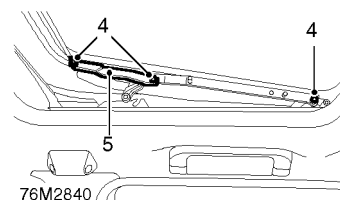
Service repair no - 76.82.05

Remove

1. Remove wind deflector. **See this section.**
2. Tilt the sunroof panel.



3. Remove 2 mechanism covers by sliding rearward.



4. Remove 4 Torx screws and 2 'C' clips, connecting mechanism to sunroof panel.
5. Collect 2 slide brackets.
6. Release sunroof panel from locating pins.
7. Remove sunroof panel.

Refit

8. Lightly grease mechanism.
9. Position sunroof panel to locating pins.
10. Fit slide brackets.
11. Fit 'C' clips and Torx screws, do not tighten at this stage.
12. Adjust sunroof panel. **See Adjustment.**
13. Fit wind deflector. **See this section.**

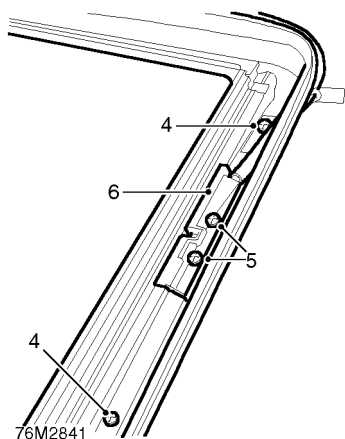


SUNROOF - SUNSHADE

Service repair no - 76.82.03

Remove

1. Remove sunroof panel. **See this section.**
2. Remove wind deflector. **See this section.**
3. Remove front map/courtesy lamp. **See ELECTRICAL, Repair.**
4. Wind mechanism (manually) in a clockwise direction to open position using sunroof key.



5. Remove 2 screws securing RH guide assembly.
6. Remove 2 screws securing RH drive cable locator.
7. Remove the drive cable locator.
8. Move LH guide assembly aside.
9. Remove sunshade.
10. Collect 4 slide clips.

Refit

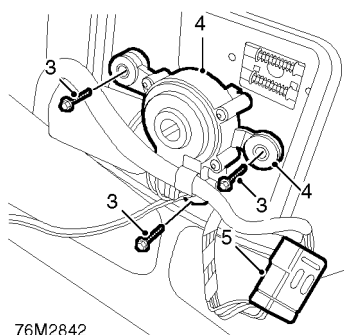
11. Position sunshade to LH guide assembly and insert clips.
12. Position RH guide assembly to sunshade and insert clips.
13. Secure RH guide assembly with screws and torque tighten front screws to **3 Nm (2.2 lbf.ft)** and rear screws to **1.5 Nm (1.1 lbf.ft)**.
14. Position drive cable locator and secure with screws and torque tighten screws to **3 Nm (2.2 lbf.ft)**.
15. Fit wind deflector. **See this section.**
16. Wind mechanism in an anti-clockwise direction to closed position using sunroof key.
17. Fit front map/courtesy lamp. **See ELECTRICAL, Repair.**
18. Fit sunroof panel. **See this section.**

SUNROOF - MOTOR

Service repair no - 76.82.53

Remove

1. Close sunroof panel.
2. Remove front map/courtesy lamp. *See ELECTRICAL, Repair.*



3. Remove 3 screws securing sunroof motor to mounting bracket.
4. Remove motor and collect spacers.
5. Remove sunroof motor multiplug from mounting clip and disconnect multiplug.

Refit

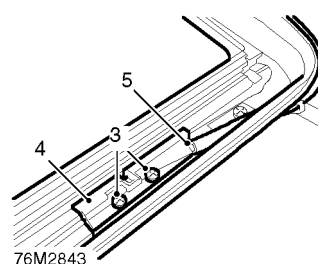
6. If position of sunroof motor is not known, synchronise motor to closed position before fitment as follows:
Connect motor to motor multiplug. With ignition in position I or II, operate sunroof switch to open position. Press and hold sunroof switch to closed position until motor stops.
7. Connect motor multiplug and secure to mounting clip.
8. Fit spacers to motor.
9. Position motor to mounting bracket and secure with screws. Torque tighten screws to **2 Nm (1.5 lbf.ft)**.
10. Fit front map/courtesy lamp. *See ELECTRICAL, Repair.*

SUNROOF - CABLE

Service repair no - 76.82.14

Remove

1. Remove sunroof panel. *See this section.*
2. Remove sunroof motor. *See this section.*



3. Remove 2 screws securing the cable locator.
4. Remove cable locator.
5. Remove cable from slide.
6. Withdraw cable from tube.

Refit

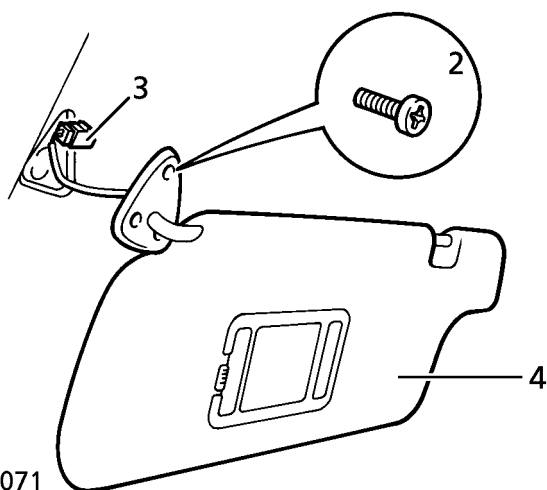
7. Grease cable.
8. Feed cable into tube and locate into slide.
9. Position locator and secure with screws. Torque tighten screws to **3 Nm (2.2 lbf.ft)**.
10. Fit the sunroof motor. *See this section.*
11. Fit the sunroof panel. *See this section.*

**SUN VISOR**

Service repair no - 76.10.47

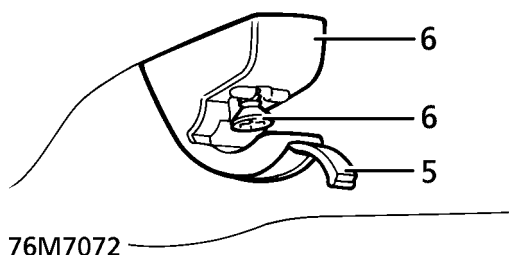
Remove

1. Release visor from clip.
2. Remove 3 visor retaining screws.



76M7071

3. Disconnect visor lamp multiplug.
4. Remove visor.
5. Remove clip if required. Carefully lever plastic tag down.



76M7072

6. Remove screw, remove clip.

Refit

7. Reverse removal procedure.

SILL FINISHER

Service repair no - 76.43.84

Remove

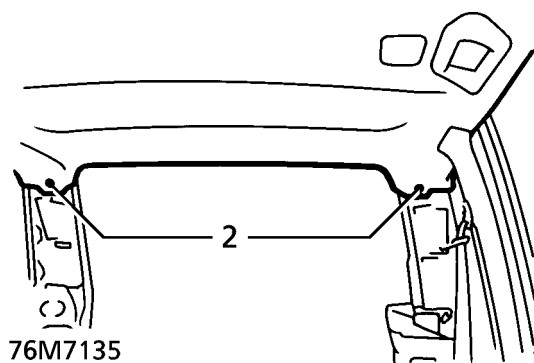
1. Remove 3 screws securing front tread plate.
2. Remove 2 screws securing rear tread plate.
3. Remove trim stud securing rear of sill finisher.
4. Release 8 clips securing finisher to sill.
5. Remove sill finisher.

Refit

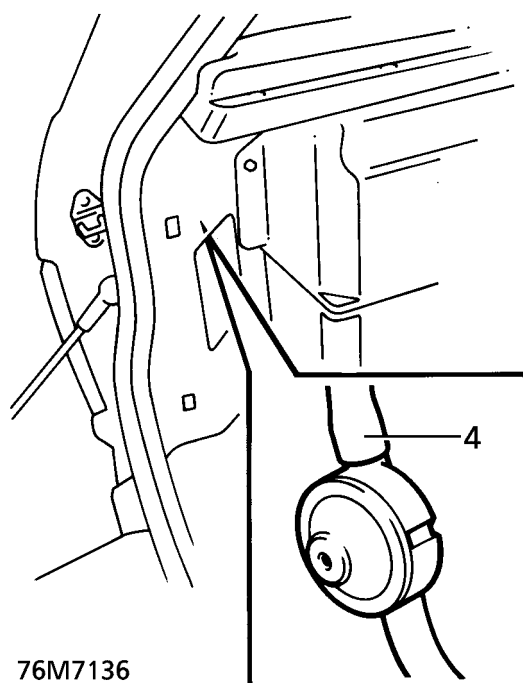
6. Renew clips as necessary.
7. Reverse removal procedure.

TAILGATE - UPPER**Service repair no - 76.28.29****Remove**

1. Remove both 'E' post finishers.
2. Remove 2 trim fixing studs. Release headlining from 'E' posts.



3. Release 4 turn buckles securing access panel to LH side load space trim. Remove panel.
4. Locate rear screen washer non-return valve. Disconnect tailgate feed tube from valve.



5. Attach draw string to tube to aid re-assembly.
6. Release tailgate harness protective sleeve from roof panel.



7. Disconnect 3 tailgate harness multiplugs from body harness. Pull plugs out through hole in roof panel.
8. Pull screen washer tube out through hole in roof panel. Disconnect draw string.
9. Mark outline of hinge on tailgate to aid re-assembly.
10. Apply protective tape to roof panel before releasing tailgate.
11. With assistance, disconnect gas struts from tailgate.
12. With assistance, remove 4 bolts securing hinges to tailgate. Remove tailgate.

Refit

13. With assistance, position tailgate to hinges. Align marks. Secure with bolts. Tighten to **25 Nm. (18 lbf.ft)**
14. With assistance, connect gas struts to tailgate.
15. Remove protective tape from roof panel.
16. Attach draw string to washer tube. Pull tube along roof into position at 'E' post. Remove draw string.
17. Connect tube to non-return valve.
18. Feed 3 tailgate harness multiplugs through roof panel. Connect to body harness.
19. Secure tailgate harness protective sleeve to roof panel.
20. Reposition headlining at 'E' posts. Secure with studs.
21. Fit load space access panel. Secure with turn buckles.
22. Fit both 'E' post finishers.

Adjust

23. Check alignment of lower tailgate. **See this section.**
24. Align tailgate to aperture by adjusting position of hinges on tailgate or body.
25. Align tailgate to adjacent body panels by adjusting position of hinges on body.



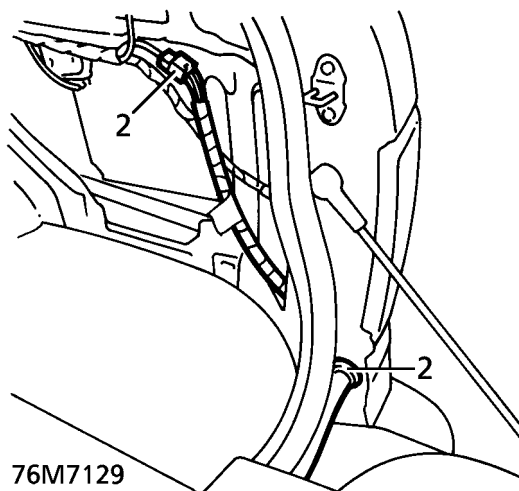
NOTE: To prevent wind noise, ensure top edge of tailgate does not stand proud of roof panel.

TAILGATE - LOWER

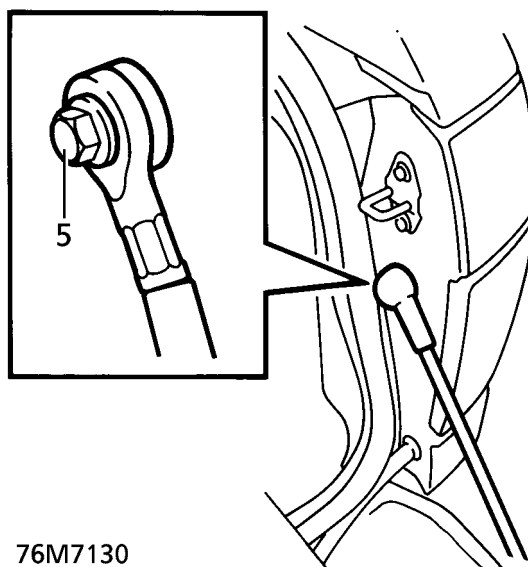
Service repair no - 76.28.30

Remove

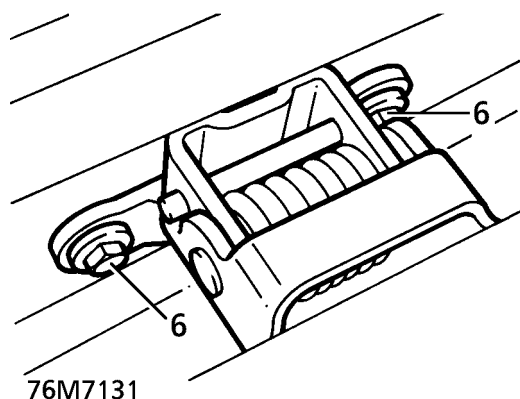
1. Remove parcel tray support trim from RH side of luggage area. **See this section.**
2. Disconnect tailgate harness multiplug from body harness. Release grommet from lower of 'E' post. Pull harness from body.



3. Fit protection under tailgate.
4. Mark outline of hinges to body to aid reassembly.
5. Remove bolt securing each check strap to body. Collect spacer and fibre sealing washer.



6. With assistance, remove bolts securing tailgate hinges to body. Remove tailgate complete with hinges.



Refit

7. With assistance, position tailgate to body. Secure with bolts. Tighten to **25 Nm. (18 lbf.ft)**
8. Position support stays with spacer and sealing washer next to body. Tighten to **22 Nm. (16 lbf.ft)**
9. Remove protection.
10. Feed tailgate harness into 'E' post. Connect multiplug to body harness.
11. Fit harness grommet to 'E' post.
12. Fit parcel tray support trim. **See this section.**

Adjust

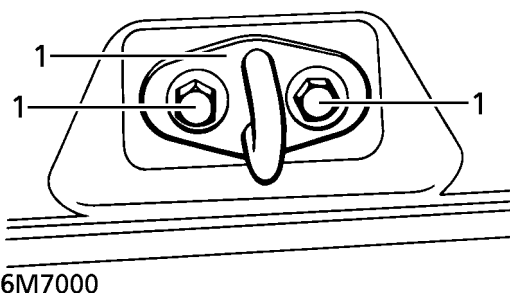
13. Align tailgate to aperture by adjusting position of hinges on tailgate or body.
14. Align tailgate to adjacent body panels by adjusting position of hinge to tailgate.
15. When tailgate alignment is correct, adjust height and inboard/outboard position of each striker. Tighten striker bolts. Check for correct latching.
16. Slacken bolts, re-adjust striker positions as necessary. Tighten to **8 Nm. (6 lbf.ft)**

TAILGATE STRIKER

Service repair no - 76.37.26

Remove

1. Remove 2 bolts securing striker. Remove striker.



Refit

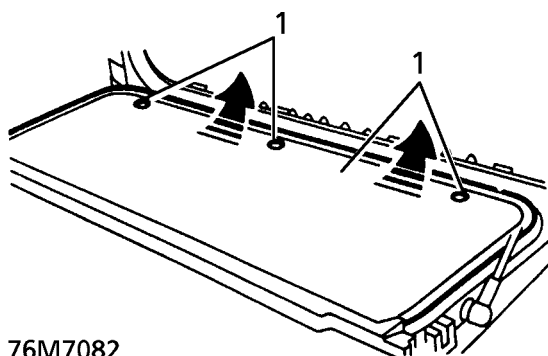
2. Position striker. Secure with bolts
3. Close tailgate. Check alignment.
4. If necessary, open tailgate, slacken bolts, realign striker. Re-tighten bolts.

TAILGATE LATCH

Service repair no - 76.37.17

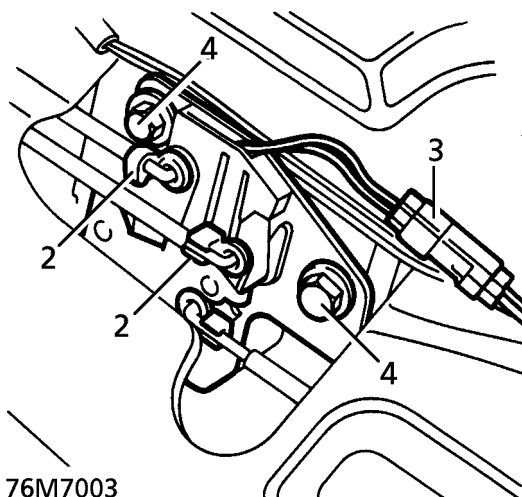
Remove

1. Release studs securing tailgate board. Remove board.



76M7082

2. Release clips securing operating rods to tailgate centre latch. Release rods.



76M7003

3. Disconnect latch multiplug.
4. Remove 2 bolts securing latch to tailgate. Remove latch.

Refit

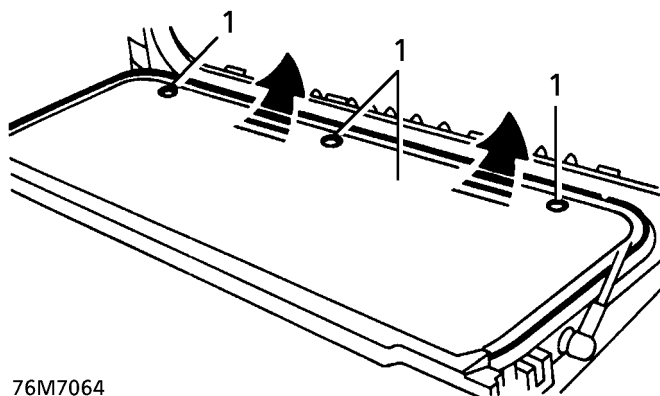
5. Reverse removal procedure.

TAILGATE LATCH - OUTER

Service repair no - 76.37.73

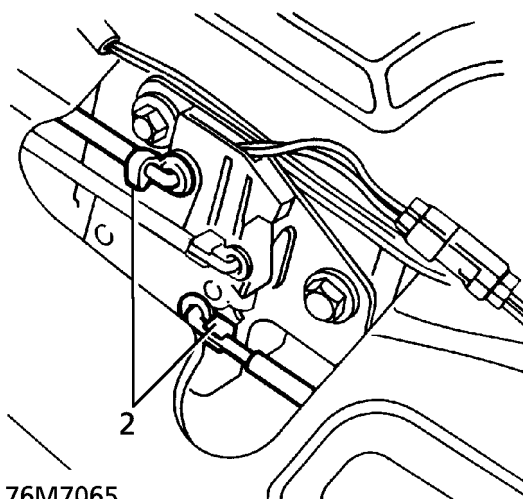
Remove

1. Release studs securing tailgate board. Remove board.



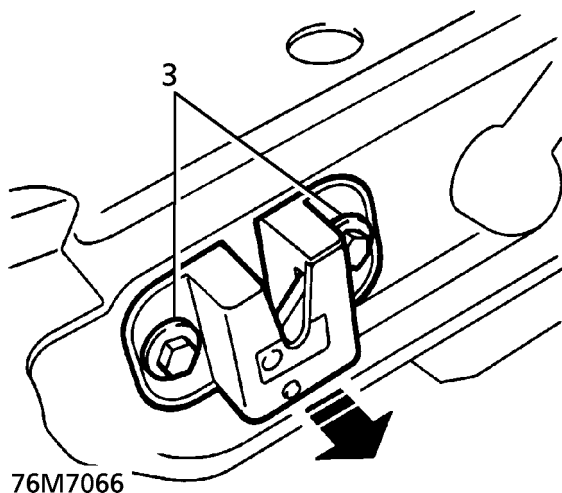
76M7064

2. Release clip securing outer latch rod. Disconnect rod from centre latch.

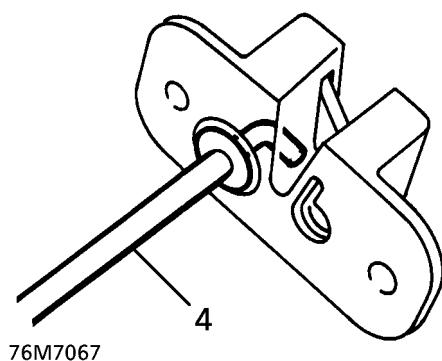


76M7065

- Remove 2 bolts securing outer latch to tailgate.
Remove latch and rod.



- Rotate release rod 90° to remove from outer latch.



Refit

- Reverse removal procedure.

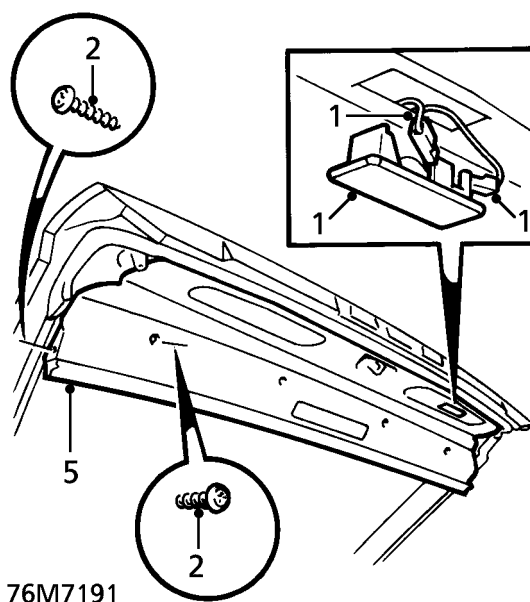
UPPER TAILGATE - INTERIOR TRIM

Service repair no - 76.34.13

Remove

Lower trim assembly

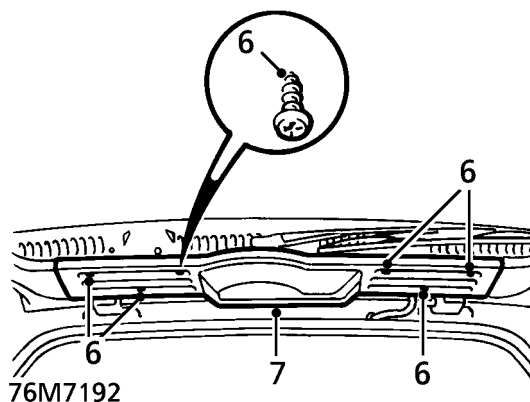
- Release load space lamp from trim panel, disconnect 2 Lucar terminals and remove lamp.
- Remove 6 screws securing trim panel to side trims and tailgate.



- Release 4 studs securing trim panel to tailgate.
- Disconnect high level stop lamp multiplug, if fitted.
- Remove lower trim assembly.

Upper trim

- Remove 6 screws securing trim panel to tailgate.

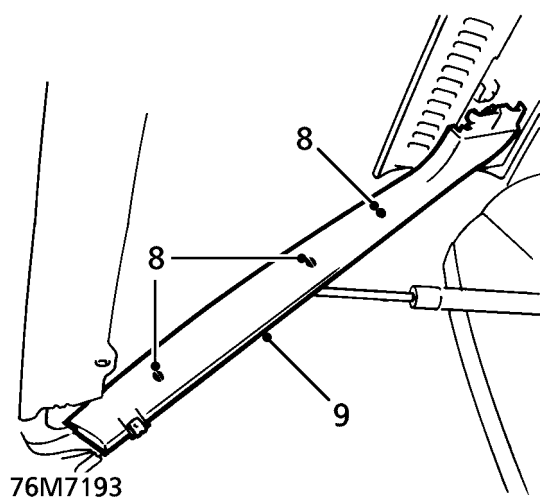




7. Remove trim panel and collect 2 foam pads.

Side trims

8. Release 3 studs securing each side trim.



9. Remove 2 side trims.

Refit

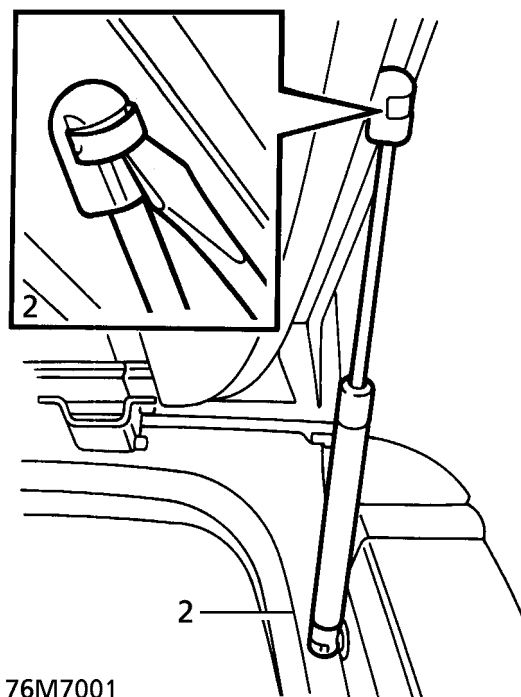
10. Reverse removal procedure.

TAILGATE STRUT

Service repair no - 76.40.33

Remove

1. Secure tailgate in open position using suitable support.
2. Release clips securing strut to ball joints. Remove strut.



Refit

3. Reverse removal procedure.

WHEEL ARCH LINER - FRONT

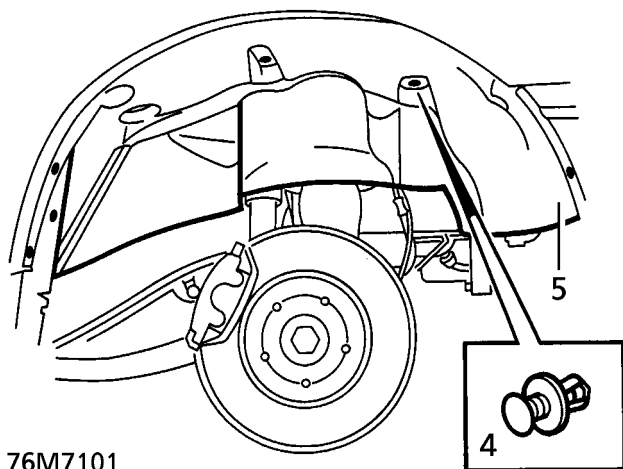
Service repair no - 76.10.48

Remove

1. Raise the vehicle.

**WARNING: Support on safety stands.**

2. Remove relevant road wheel.
3. Remove 3 screws securing mud flap. Remove mud flap.
4. Remove 8 studs securing wheel arch liner.

**Refit**

5. Position liner and secure with trim studs.
6. Fit mud flap and secure with screws.
7. Refit road wheel. Secure with nuts. Tighten to **108 Nm. (80 lbf.ft)**
8. Remove safety stands. Lower vehicle.

WHEEL ARCH LINER - REAR

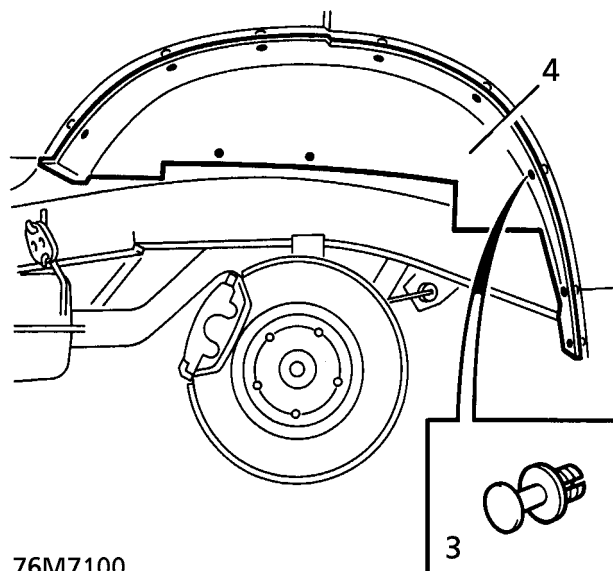
Service repair no - 76.10.49

Remove

1. Raise the vehicle.

**WARNING: Support on safety stands.**

2. Remove relevant road wheel.
3. Remove screws from wheel arch liner fixings. Remove fixings.

**Refit**

5. Position liner. Fit liner fixings. Secure with screws.
6. Refit road wheel. Secure with nuts. Tighten to **108 Nm. (80 lbf.ft)**
7. Remove safety stands. Lower vehicle.



WINDSCREEN

Service repair no - 76.81.01



NOTE: The following equipment is required:

masking tape;
sharp knife;
reciprocating blade, powered cutting knife*, or
cutting wire and handles;
suction lifters;
windscreen repair kit;
sealer applicator gun.

* A reciprocating blade cutting tool, such as 'FEIN Special Cutter', is recommended for this operation. A flat blade, with an effective length of at least 25mm and a 'U' shaped blade of at least 30mm is required.



CAUTION: Extreme care is necessary to ensure that paintwork and trim does not become damaged during the removal process.

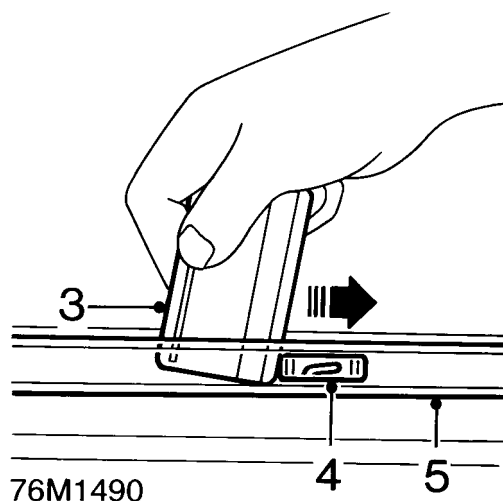
Particular care should be taken when using cutting wire and handles to avoid damage to seal along leading edge of fascia.



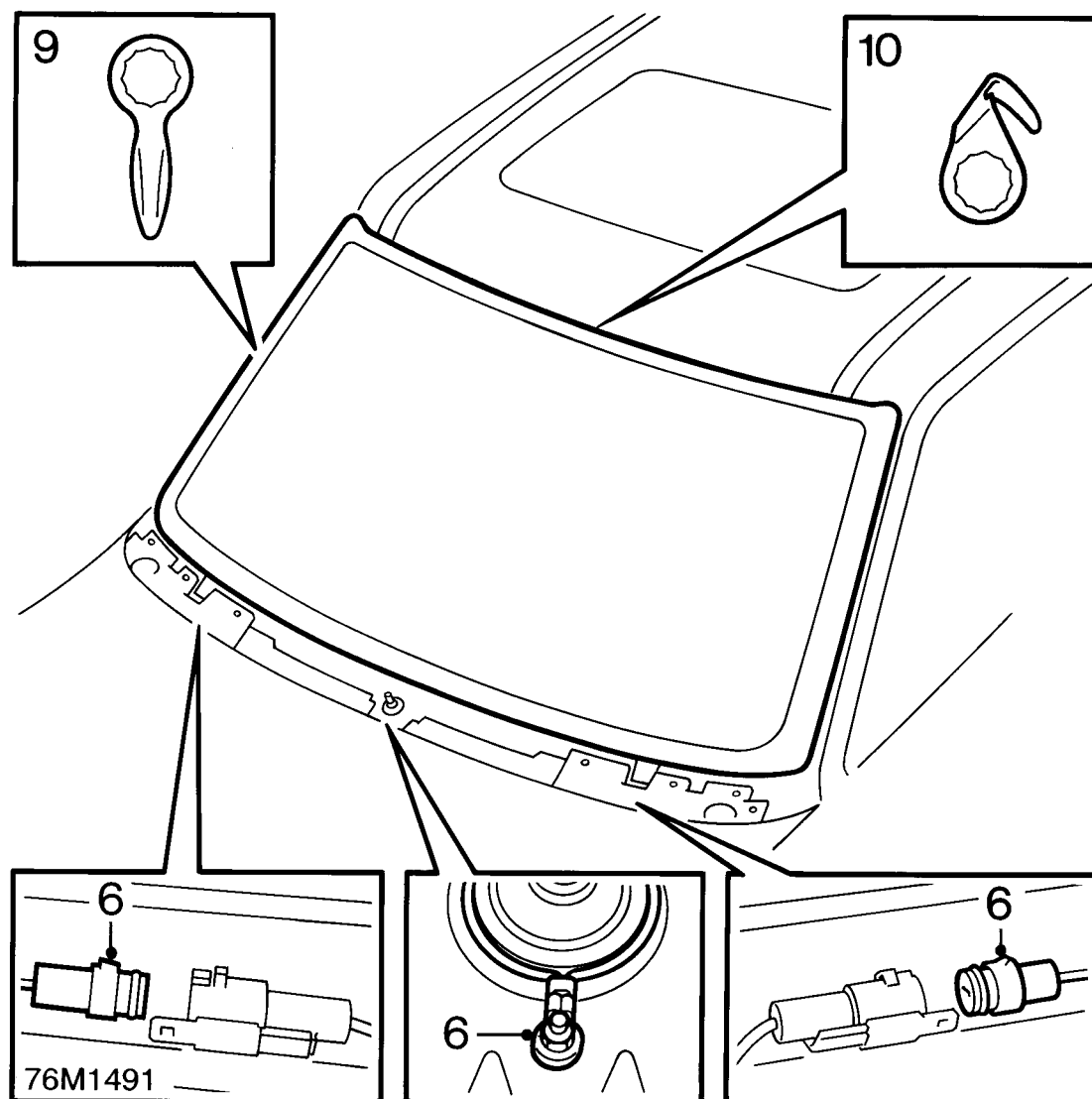
WARNING: Wear protective gloves when handling glass, solvents and primers.

Remove

1. Remove interior mirror. *See this section.*
2. Remove plenum panels. *See HEATING AND VENTILATION, Repair.*



3. Insert a thin plastic strip, such as a credit card, between windscreen upper finisher and roof panel.
4. Disengage 8 clips securing upper finisher by sliding clips towards left hand side of vehicle.
5. Remove upper screen finisher.



6. If fitted, disconnect heating element multiplugs. Disconnect heating element earth wire. Tape heater connections onto windscreen to prevent fouling during removal procedure.
7. Mask around windscreen aperture to protect paintwork.
8. Fit protective cover over fascia and bonnet.

Removal Using Reciprocating Blade Tool

9. Cut through P.U. adhesive along sides of screen using flat blade.

10. Using a 'U' shaped blade, cut through adhesive bead along upper and lower edges of screen.



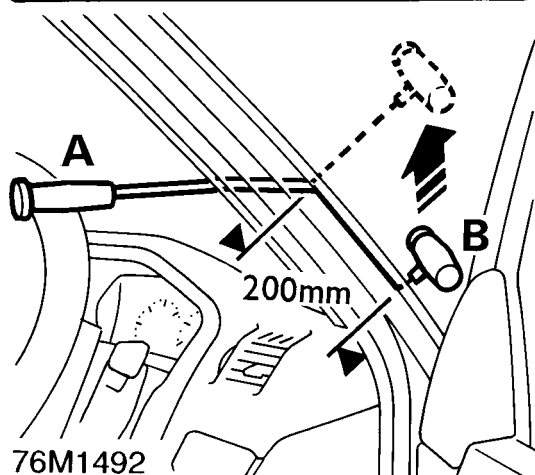
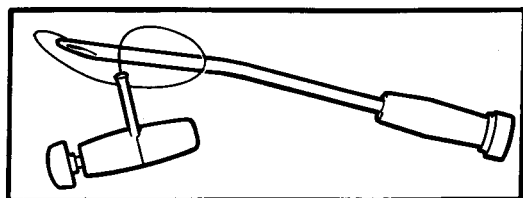
CAUTION: Access to adhesive around lower screen supports is restricted. Manoeuvre blade to cut as much sealant from around screen supports as possible.

11. Attach suction lifters to glass. With assistance, cut through remaining sealant around screen supports using a sharp knife.
12. With assistance, remove windscreen glass.



Removal Using Cutting Wire and Handles.

13. Remove both 'A' post finishers. *See this section.*
14. Remove both sun visors. *See this section.*
15. Remove map/courtesy lamp assembly. *See ELECTRICAL, Repair.*



16. Mask along leading edge of headlining.
17. Using a sharp knife, cut through P.U. sealer at side of screen, towards lower corner.
18. Insert cutting wire through knife cut and fit handles, as shown, with approximately 200 mm (8 in) of wire between handles.
19. With assistance, wedge tube of handle 'A' between glass and body, ahead of the cutting position, and carefully cut the sealer using a continuous pull on handle 'B' from the outside. Cut side and top edges first. Attach suction lifters and restrain glass as last of sealant is cut.



NOTE: When cutting along lower edge, manoeuvre wire between glass edge and screen supports to reduce strain on wire.

20. Attach suction lifters to glass. With assistance, remove windscreen.

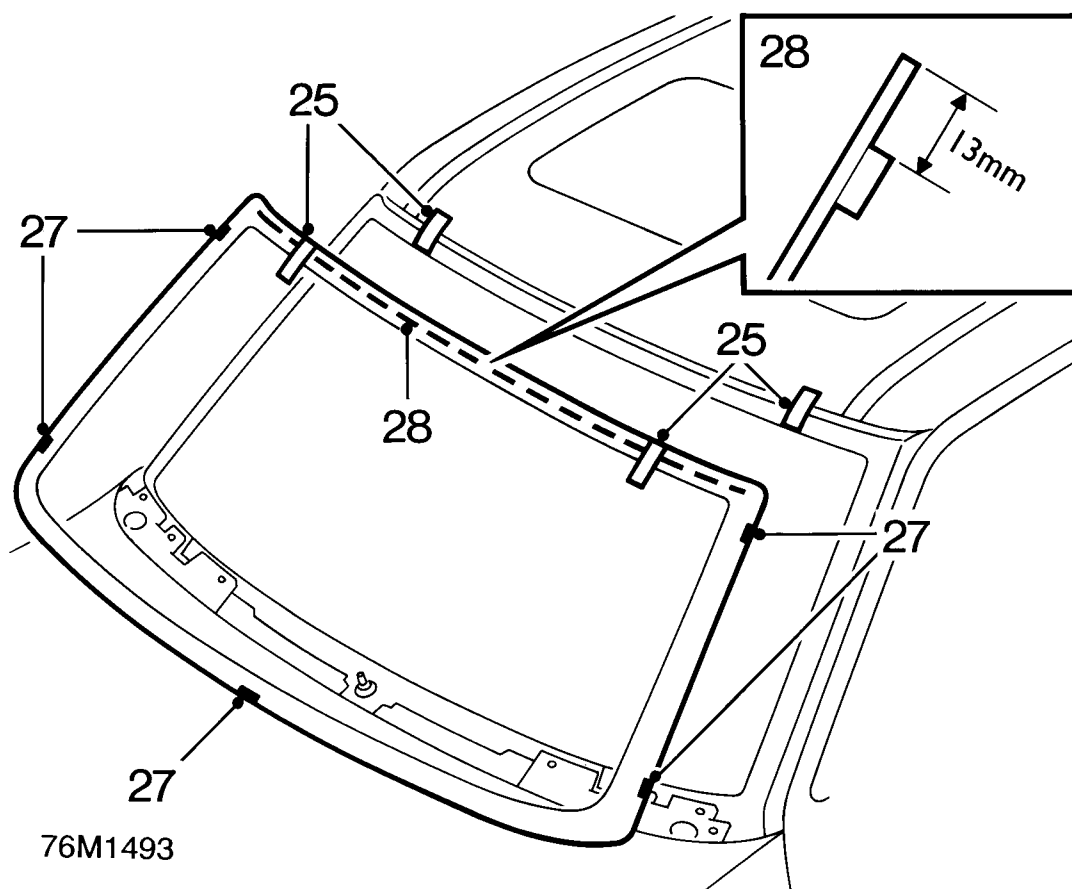
Refit

21. carefully cut old sealer from body flange to obtain a smooth surface, approximately 2 mm (1/16 in) thick.



CAUTION: Do not cut down to painted surface.

22. Inspect supports, renew if damaged.
23. Position screen on felt covered surface.
24. If original screen is to be refitted, cut old sealer from glass to obtain a smooth surface, approximately 2 mm (1/16 in) thick.



76M1493



CAUTION: Do not cut down to surface of glass.

- 25. Position and centralise new windscreen to body. Apply tape reference marks to aid final fitment. Remove screen and position to work surface.
- 26. Apply cleaning solvent to sealing surface of glass and body flange.



CAUTION: Do not touch cleaned or primed areas with fingers.

- 27. Position 5 screen spacer blocks on inside edge of glass, over cut-out marks in obscuration band.
- 28. If necessary, peel off backing strip and stick foam glazing dam along inside surface of glass, approximately 13 mm (1/2 in) from top edge.

- 29. Shake primer tins for at least 30 seconds. Apply body primer to sealing surface of body flange using supplied applicator.

- 30. Apply glass primer to sealing surface of glass.

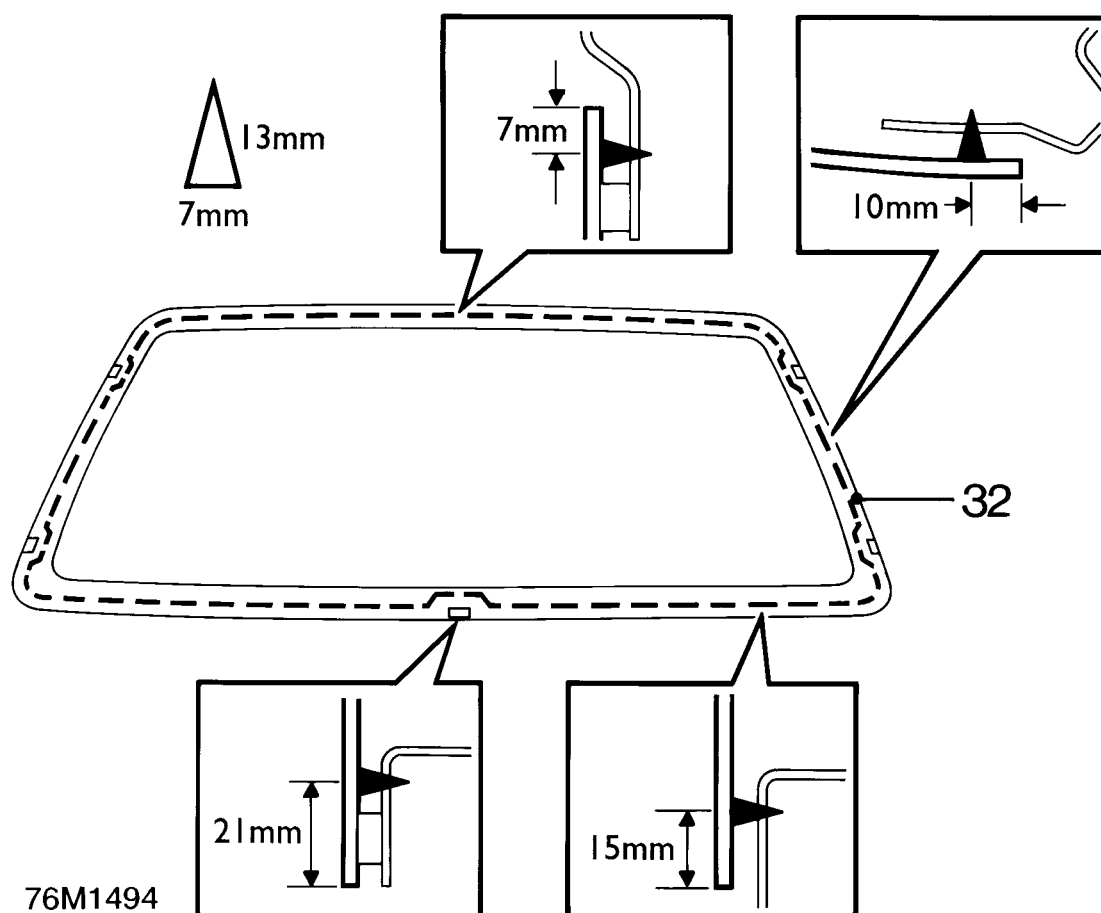


CAUTION: Use a separate applicator for each primer.

- 31. Remove lid from sealer cartridge, remove crystals, pierce membrane and fit pre-cut nozzle. Fit cartridge to applicator gun.



NOTE: The profile of the nozzle must be modified slightly to produce the required bead section.



32. Apply a continuous bead of sealer to windscreen as shown.
33. Fit suction lifters to glass.
34. With assistance, position glass centrally, using previously made tape markings and lower onto supports. Seat glass to spacer blocks.



CAUTION: Do not apply heavy pressure to the sides of the screen. Lightly press screen from centre outwards until edges are to required gap. Pushing screen edges into position can bend screen and lead to cracking in service.

35. Remove protection from fascia and bonnet.
36. Remove masking tape.
37. If fitted, connect heating element multiplugs and earth wire.
38. Remove clips from upper screen finisher.
39. Fit clips to body studs. Position upper screen finisher and engage to clips.

40. Fit plenum panels. *See HEATING AND VENTILATION, Repair.*

41. Fit interior mirror. *See this section.*

If Cutting Wire and Handles Used

42. Remove masking from leading edge of headlining.
43. Fit map/courtesy lamp assembly. *See ELECTRICAL, Repair.*
44. Fit sun visors. *See this section.*
45. Fit 'A' post finishers. *See this section.*



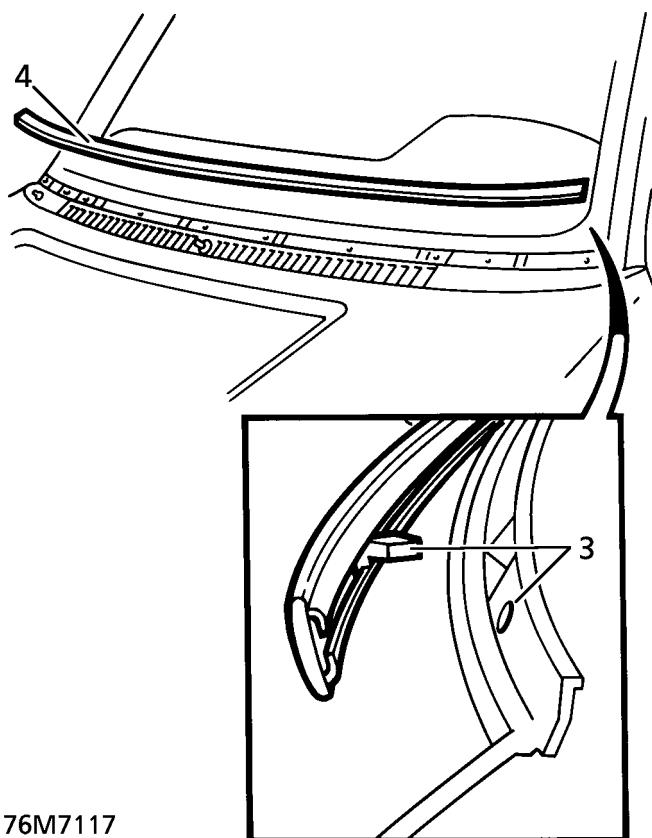
CAUTION: A curing time of 6 hours is recommended. During this time, leave the windows open and DO NOT slam the doors.

WINDSCREEN LOWER FINISHER

Service repair no - 76.43.41

Remove

1. Remove both windscreen side finishers. **See this section.**
2. Remove both windscreen wiper arms. **See WIPERS AND WASHERS, Repair.**
3. Release 10 clips securing windscreen lower finisher.



76M7117

4. Remove windscreen lower finisher.

Refit

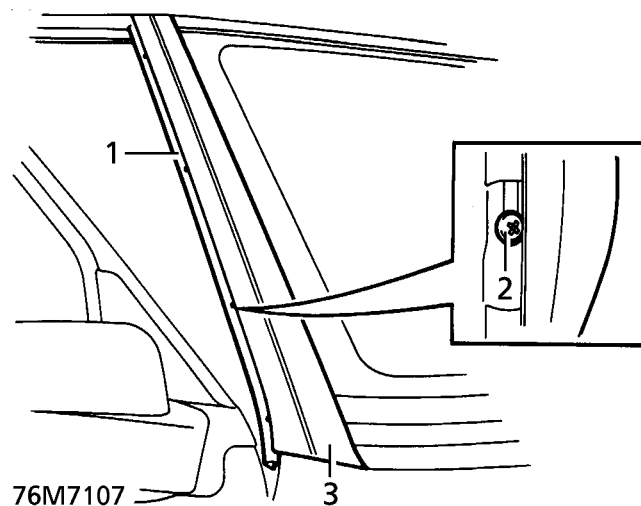
5. Reverse removal procedure.

WINDSCREEN SIDE FINISHER

Service repair no - 76.43.39

Remove

1. Lift side finisher seal to reveal fixings.
2. Remove 4 screws securing side finisher.



3. Remove side finisher.

Refit

4. Position side finisher. Secure side with screws.



BACKLIGHT GLASS

Service repair no - 76.81.10



NOTE: The following equipment is required:

masking tape.
Sharp knife.
Cutting wire and handles, or a reciprocating blade, powered cutting knife*.
Suction lifters.
Windscreen repair kit.
Sealer applicator gun.

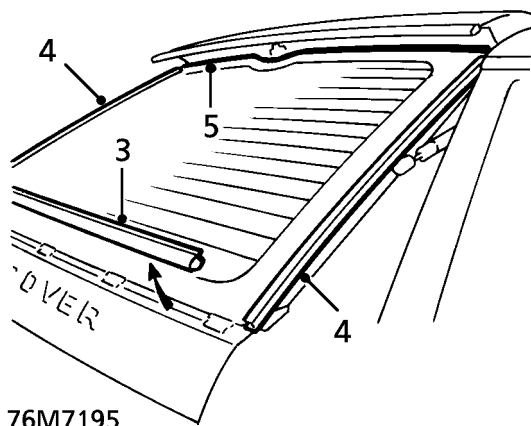
*A reciprocating blade cutting tool, such as 'FEIN Special Cutter' is recommended for this operation. A flat blade, with an effective length of at least 25mm and a 'U' shaped blade of at least 30mm are required.



WARNING: Wear protective gloves when handling glass, solvents and primers.

Remove

1. Remove interior trim from tailgate, **See this section.**
2. Release backlight lower finisher from 7 clips.
3. Remove backlight lower finisher.



76M7195

4. Remove backlight side finishers.



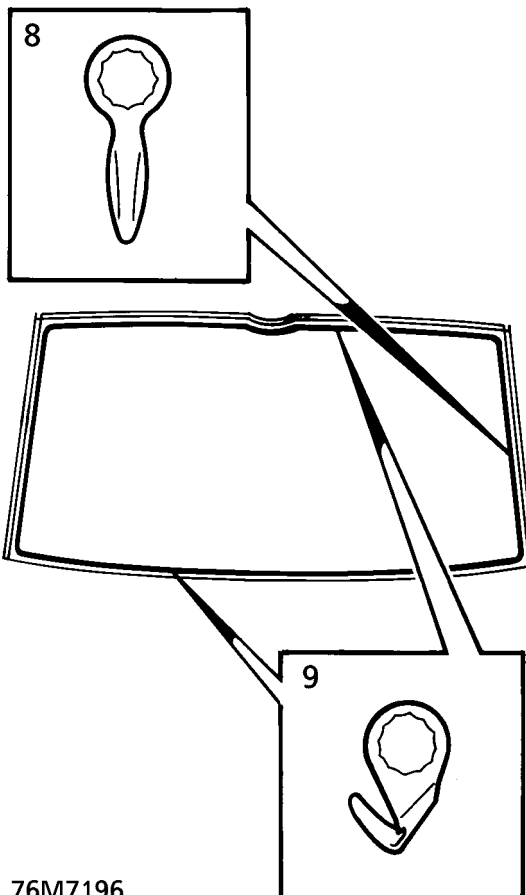
NOTE: Side finishers are secured to backlight with P.U. sealer. New backlight glasses are supplied with side finishers fitted. Side finishers are available separately if original glass is to be refitted.

5. Remove rubber finisher from upper edge of backlight glass.

6. Protect tailgate panel with masking tape.
7. Disconnect two Lucar terminals from screen heater element.

Removal Using Reciprocating Blade Tool

8. Cut through P.U. adhesive along sides of screen using flat blade.



76M7196

9. Using a 'U' shaped blade, cut through adhesive bead along upper and lower edges of glass.

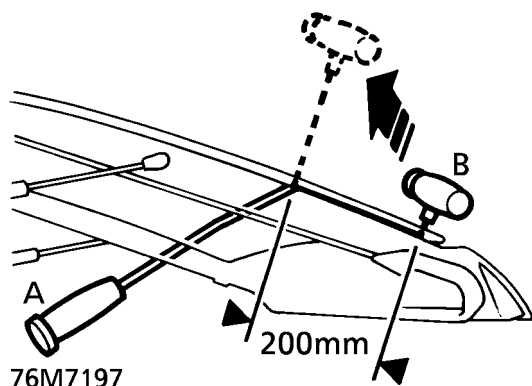
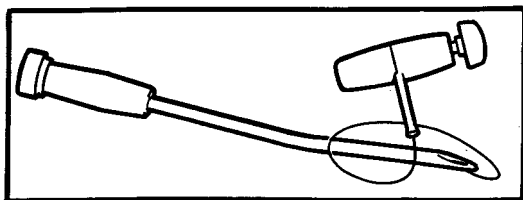


CAUTION: Access around lower clips is restricted. Manoeuvre blade to cut through as much adhesive as possible.

10. Attach suction lifters to glass. With assistance, cut through remaining sealant around lower clips.
11. With assistance, remove backlight glass.

Removal Using Cutting Wire Handles

12. Using a sharp knife, cut through P.U. sealer at side of backlight.
13. Insert cutting wire through knife cut and fit handles, as shown, with approximately 200mm of wire between handles.



14. With assistance, wedge tube of handle 'A' between glass and body, ahead of the cutting position, and carefully cut the sealer using a continuous pull on handle 'B' from the outside. Cut side and top edges first. Attach suction lifters and restrain glass as last of sealant is cut.



NOTE: When cutting along lower edge, manoeuvre wire between glass edge and finisher clips to reduce strain on wire.

15. With assistance, remove backlight glass.

Refit

16. Carefully cut old sealer from body flange to obtain a smooth surface, approximately 2mm thick.



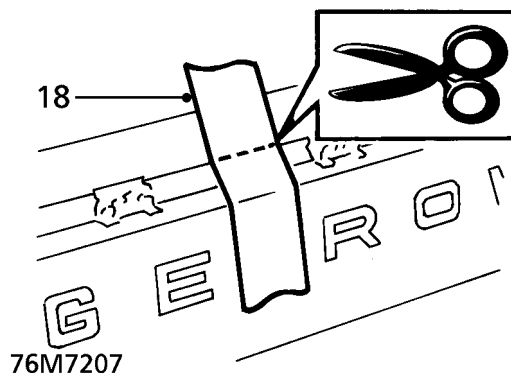
CAUTION: Do not cut down to painted surface.

17. Renew broken finisher clips as necessary. Position finisher clips centrally on tailgate studs.



NOTE: Clips control height and seating of lower glass edge.

18. Position and centralize new backlight to tailgate. Apply tape reference mark to aid final fitment.



19. Position new backlight on felt covered surface.
20. Fit and centralize rubber finisher to top of glass.



NOTE: Finisher controls seating depth of glass top edge.

21. Apply cleaning solvent to sealing surface of glass and body flange.



CAUTION: Do not touch cleaned or primed areas with fingers.

22. Shake primer tins for at least 30 seconds. Apply body primer to sealing surface of body flange using supplied applicator.
23. Apply glass primer to sealing surface of glass.



CAUTION: Use a separate applicator for each primer.

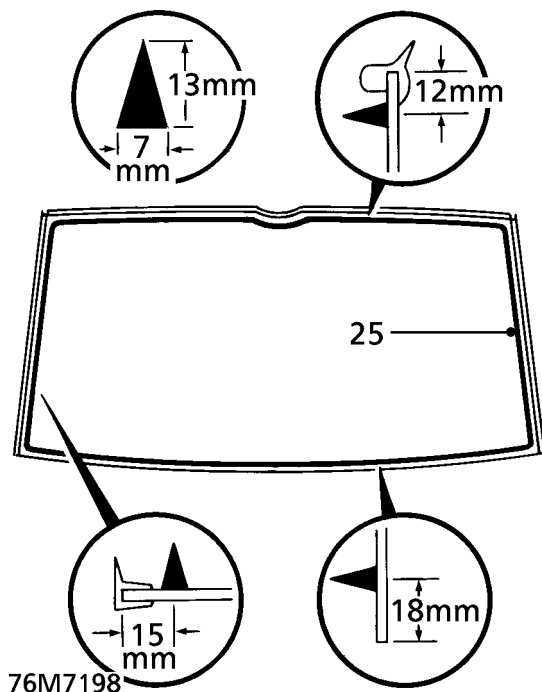
24. Remove lid from sealer cartridge, remove crystals, pierce membrane and fit pre-cut nozzle. Fit cartridge to applicator gun.



NOTE: The profile of the nozzle must be modified slightly to produce the required bead section.



25. Apply a continuous bead of sealer to backlight as shown.



26. **Original glass:** Apply 3mm bead of sealer to channels of side finishers and fit to backlight.
27. Fit suction lifters to glass.
28. With assistance, fit glass and centralize to previously made tape markings. Set glass to correct depth.
29. Connect screen heater.
30. Remove reference and protective tapes.
31. Position lower finisher and secure to clips.
32. Fit interior trim to tailgate, **See this section.**



CAUTION: A curing time of 6 hours is recommended. During this time, leave the windows open and **DO NOT** slam the doors.

REAR QUARTER LIGHT

Service repair no - 76.81.20



NOTE: The following equipment is required:

Masking tape.
Sharp knife.
Cutting wire and handles, or a reciprocating blade, powered cutting knife*.
Suction Lifters.
Windscreen repair kit.
Sealer applicator gun.

*A reciprocating blade cutting tool, such as 'FEIN Special Cutter' is recommended for this operation. A flat blade, with an effective length of at least 25mm and a 'U' shaped blade of at least 30mm is required.



NOTE: New rear quarter glass is supplied with exterior trim fitted.

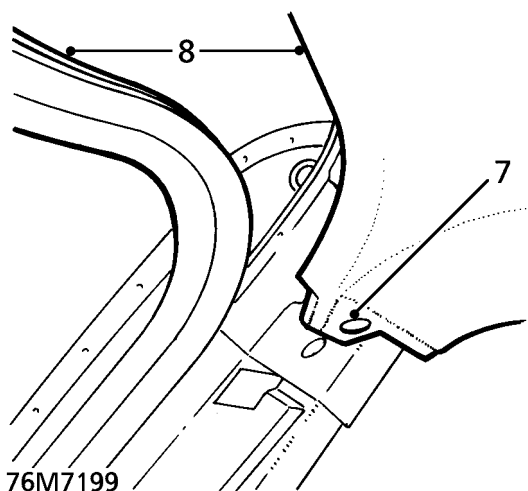


WARNING: Wear protective gloves when handling glass, solvents and primers.

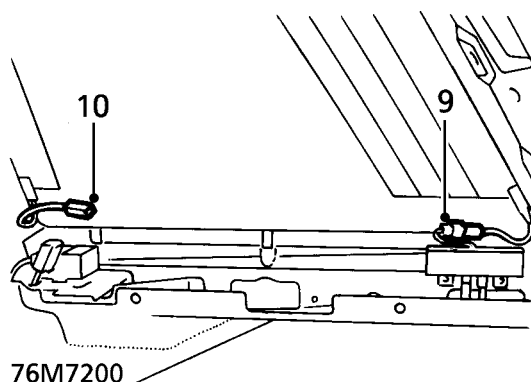
Remove

1. Remove parcel tray support, **See this section.**
2. Remove both 'E' post trims, **See this section.**
3. Remove relevant 'B' post upper trim, **See this section.**
4. Remove relevant side interior lamp assembly, **See ELECTRICAL, Repair.**
5. Remove relevant grab handle, **See this section.**
6. Remove relevant exterior 'E' post finisher, **See this section.**

7. Remove 2 trim studs securing headlining to 'E' posts.



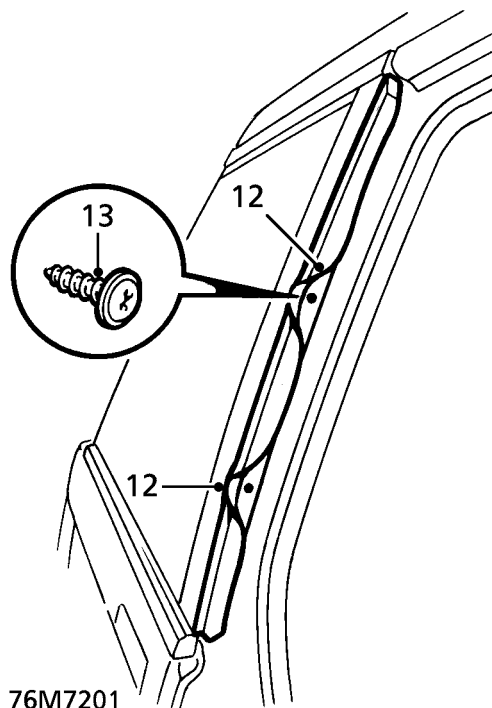
8. Release headlining from tailgate seal. Lower headlining as necessary during glass removal to provide access to sealant along top edge of glass.
9. Disconnect aerial amplifier plugs.



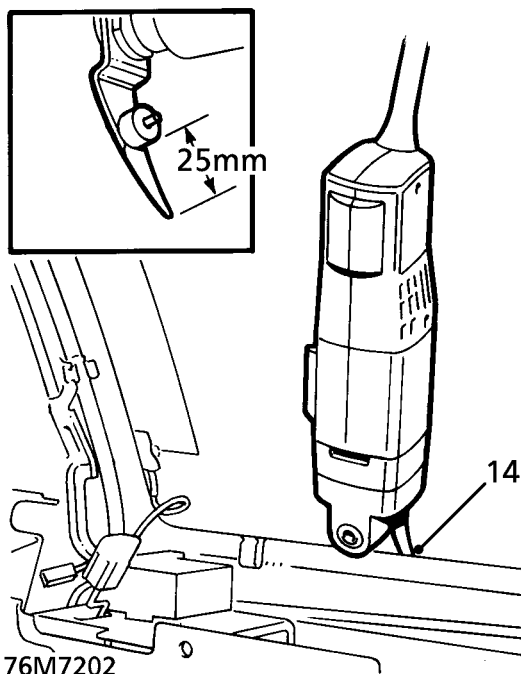
10. **R.H. glass only:** Disconnect alarm receiver plug.
11. Protect surrounding area of body using masking tape.

Removal Using Reciprocating Blade Tool

12. Lift flip seal to reveal trim fixings.



13. Remove 2 screws securing exterior trim to 'D' post.
14. Cut through P.U. adhesive from inside of glass along lower and side edges.



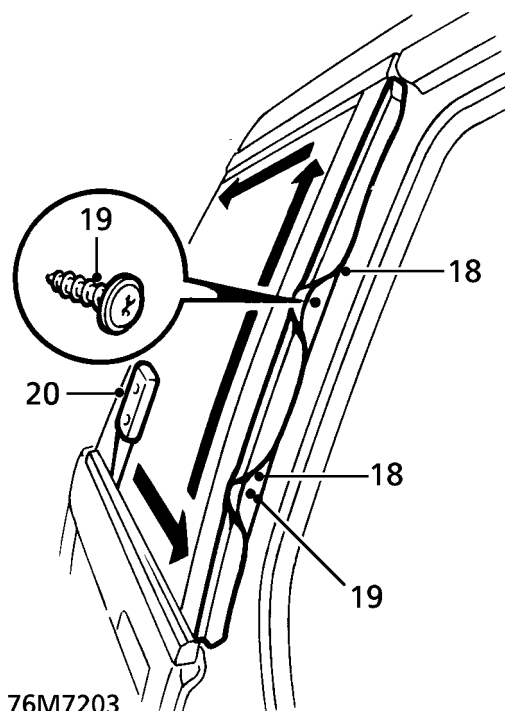


CAUTION: Manoeuvre knife blade around 3 parcel tray support clips. Ensure aerial amplifier and alarm receiver plugs do not become damaged.

15. Attach suction lifters to glass. With assistance, cut through sealant along top of edge glass.
16. Remove rear quarter glass.

Removal Using Cutting Wire Handles

17. Protect surrounding area of body using masking tape.
18. Lift flip seal to reveal trim fixings.
19. Remove 2 screws securing exterior trim to 'D' post.



20. Carefully cut through adhesive bead between glass and trim using a sharp knife.



NOTE: A reciprocating blade cutting tool, such as 'FEIN Special Cutter' will ease the removal of the trim. Use a cranked blade with an effective length of not more than 22mm.

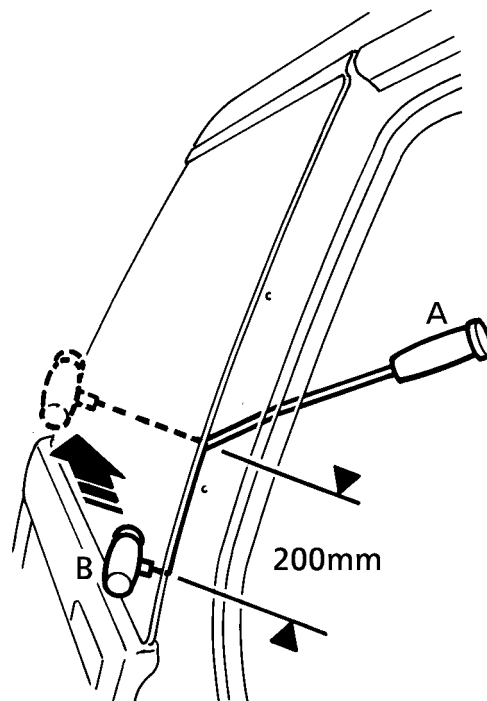
21. Remove and discard quarter light trim.



NOTE: Rear quarter lights are supplied with finisher fitted. Finisher is not available separately.

22. Using a sharp knife, cut through P.U. sealer at forward edge of quarter glass.

23. Insert cutting wire through knife cut and fit handles, as shown, with approximately 200mm of wire between handles.



76M7205

24. With assistance, wedge tube of handles 'A' between glass and body, ahead of the cutting position, and carefully cut the sealer using a continuous pull on handle 'B' from the outside. Cut side and top edges first. Attach suction lifters as last sealant is cut.



NOTE: When cutting along lower edge, manoeuvre wire between glass edge and parcel tray support clips to reduce strain on wire.



CAUTION: Ensure aerial amplifier and alarm receiver plugs do not become damaged.

25. Remove rear quarter glass.

Refit

26. Carefully cut old sealer from body flange to obtain a smooth surface, approximately 2mm thick.



CAUTION: Do not cut down to painted surface.

27. Position new quarter glass on felt covered surface.
28. Apply cleaning solvent to sealing surface of glass and body flange.



CAUTION: Do not touch cleaned or primed areas with fingers.

29. Stick 4 self adhesive spacers on the inside edge of glass at corners.
30. Shake primer tins for at least 30 seconds. Apply body primer to sealing surface of body flange using supplied applicator.
31. Apply glass primer to sealing surface of glass.



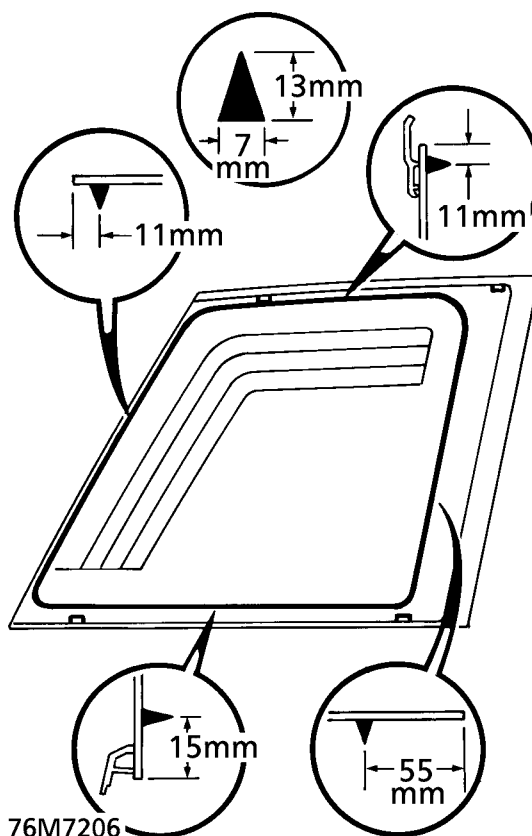
CAUTION: Use a separate applicator for each primer.

32. Remove lid from sealer cartridge, remove crystals, pierce membrane and fit pre-cut nozzle. Fit cartridge to applicator gun.



NOTE: The profile of the nozzle must be modified slightly to produce the required bead section.

33. Apply a continuous bead of sealer to rear quarter glass as shown.



34. Fit suction lifters to glass.
35. With assistance, fit glass and align to body. Seat glass to spacer rubbers.
36. Remove protective tape.
37. Secure exterior trim to 'D' post with screws.
38. Connect aerial amplifier plug.
39. **R.H. glass only:** Connect alarm receiver plug.
40. Position headlining and engage beneath tailgate flip seal.
41. Secure headlining to 'E' posts with trim studs.
42. Fit exterior 'E' post finisher. **See this section.**
43. Fit grab handle. **See this section.**
44. Fit side interior lamp assembly. **See ELECTRICAL, Repair.**
45. Fit 'B' post upper trim. **See this section.**
46. Fit 'E' post trims. **See this section.**
47. Fit parcel tray support. **See this section.**



CAUTION: A curing time of 6 hours is recommended. During this time, leave the windows open and DO NOT slam the doors.