

39 Disconnect the wiring connector and remove the light unit. Recover the rubber seal and renew it if it shows signs of deterioration.

40 Refitting is a reversal of removal.

Number plate light

41 Undo the two screws securing the relevant light unit.

42 Carefully prise out the light unit, disconnect the wiring connector and remove the unit.

43 Refitting is a reversal of removal.

12 Headlight beam alignment - checking and adjusting

1 Beam alignment should be carried out by a Volvo dealer or other specialist having the necessary optical alignment equipment.

2 For reference, the headlights can be adjusted by means of the vertical and horizontal adjuster controls at the rear of the headlight unit.

3 Some models are equipped with an electrically operated headlight beam adjustment system which is controlled through the switch on the facia. On these models, ensure that the switch is set to the off position before adjusting the headlight aim.

13 Headlight beam control motor - removal and refitting

Removal

1 Disconnect the wiring connectors at the beam control motor on the rear of the headlight unit.

2 Turn the motor 90° anti-clockwise to release the motor bayonet fitting attachment.

3 Pull the motor rearwards off the light unit until the motor shaft disengages from its socket location in the headlight reflector. Remove the motor.

Refitting

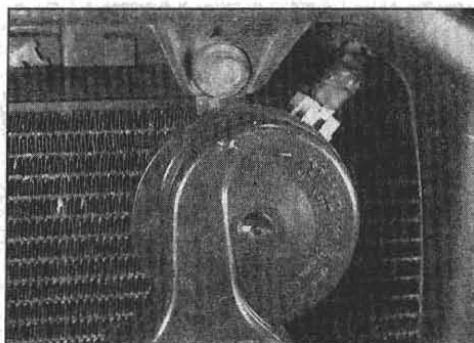
4 Turn the beam height control adjuster on the motor anti-clockwise as far as it will go to extend the motor shaft fully.

5 Lightly lubricate the end of the motor shaft with medium grease then engage the shaft into the reflector socket.

6 Turn the height control adjuster clockwise to shorten the shaft until the motor can be located in the light unit. Turn the motor clockwise to lock the bayonet attachment.

7 Reconnect the wiring connectors and check the operation of the motor.

8 Have the beam adjustment basic setting checked and if necessary adjusted, by a dealer or specialist.



14.1 Horn retaining bolt and wiring connector

14 Horn - removal and refitting

Removal

1 Open the bonnet and disconnect the wires from the horn (see illustration).

2 Unbolt the horn from its bracket and remove it.

Refitting

3 Refitting is a reversal of removal.

15 Washer system components - removal and refitting

Windscreen washer pump

Removal

1 From within the engine compartment, remove the washer fluid reservoir filler pipe by pulling it up and out of the tank.

2 Using long nosed pliers and a protective cloth, grip the washer pump and pull it up and out of the reservoir. Disconnect the wiring connector, detach the hose and remove the pump.

Refitting

3 Refitting is a reversal of removal.

Tailgate washer pump

Removal

4 From under the front right-hand wheel arch, carefully spread the legs of the pump mounting bracket and withdraw the pump down and out of the bracket.

5 Disconnect the wiring connector, detach the hose and remove the pump.

Refitting

6 Refitting is a reversal of removal.

Washer reservoir

Removal

7 From within the engine compartment, remove the washer fluid reservoir filler pipe by pulling it up and out of the tank.

8 Disconnect the wiring connectors from the windscreen washer pump and the fluid level sensor. Disconnect the fluid hose from the pump.

9 From under the front right-hand wheel arch, disconnect the fluid hose and wiring connector at the tailgate washer pump.

10 Undo the reservoir retaining bolts and withdraw the unit from under the car.

Refitting

11 Refitting is a reversal of removal.

Washer jets

Removal

12 Remove the relevant trim panel for access to the washer jets, then disconnect the fluid hose.

13 Release the jet from its location using a deep socket which will push the side catches together and allow removal.

Refitting

14 Push the jet into its location until the side catches spring out to lock. Reconnect the fluid hose.

15 Adjust the jet nozzles using a pin so that liquid is sprayed onto the centre of the glass.

Washer fluid level sensor

16 Refer to Section 15.

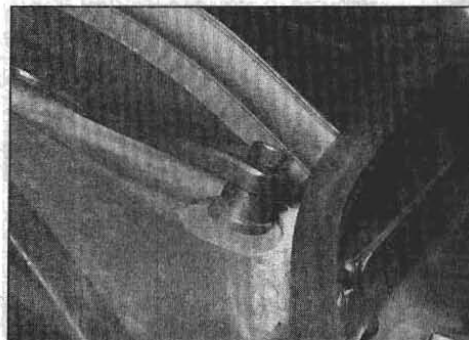
16 Wiper arms - removal and refitting

Removal

1 Lift up the cover (where applicable) then remove the nut at the base of the wiper arm and pull the arm off the splines (see illustrations). Use a twisting motion to most effectively release the arm.

Refitting

2 Switch the relevant wiper on, then switch it off again to ensure that the motor and linkage are parked. Position the windscreen wiper arms so that the driver's side arm is 35 mm from the top edge of the scuttle panel, and the passenger's side arm is 45 mm from the edge of the panel. Position the tailgate wiper arm so that it is horizontal.



16.1a Undo the wiper arm retaining nut...