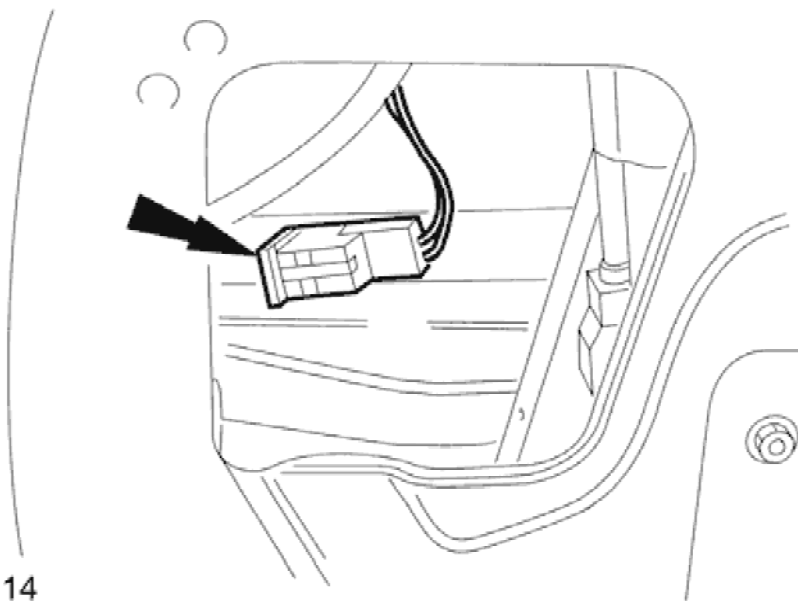


## Front Door Window Regulator and Motor 86.25.04

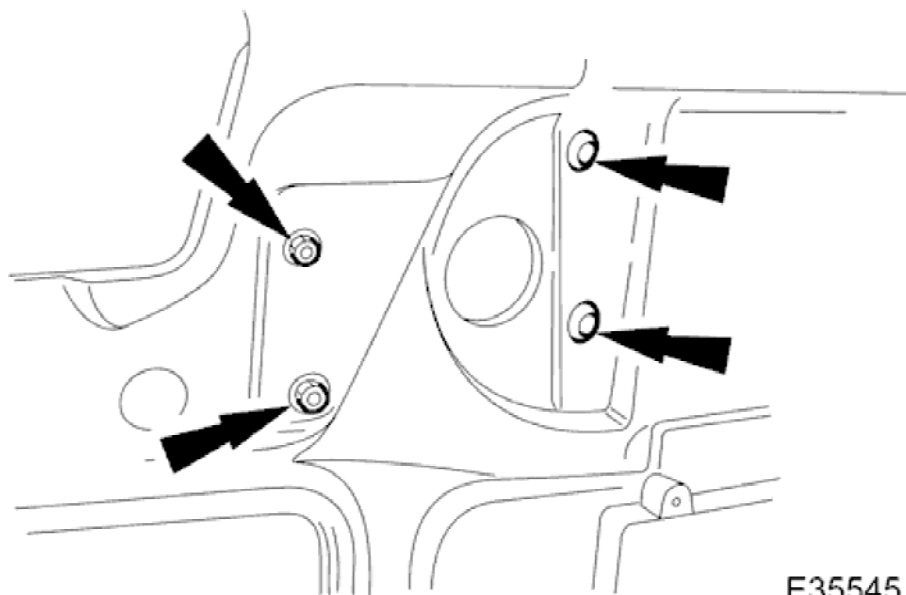
### Removal

1. Ensure that door glass is in fully up position.
2. Remove battery cover and disconnect ground cable from battery terminal. Refer to <<86.15.19>>.
3. Remove casing/armrest assembly from door. Refer to <<76.34.01>>.
4. Remove water shedder carefully guiding harness through penetration, and place adhesive face down on clean polythene sheet.
5. Position PVC inner weathershield for access.
6. Remove front door module. Refer to 86.80.34.
7. Using linen tape, secure top of glass to door frame.



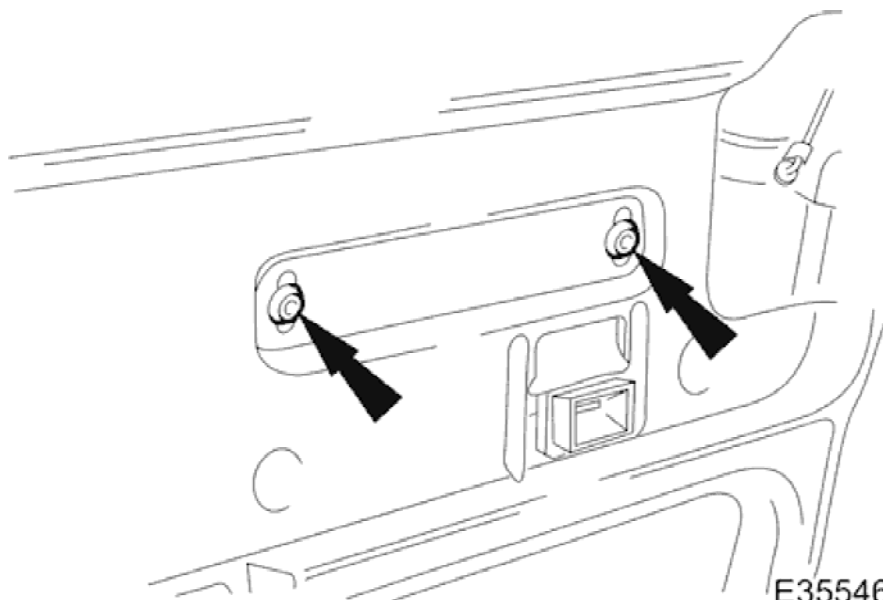
E36314

8. Disconnect harness multiplug from lift motor.



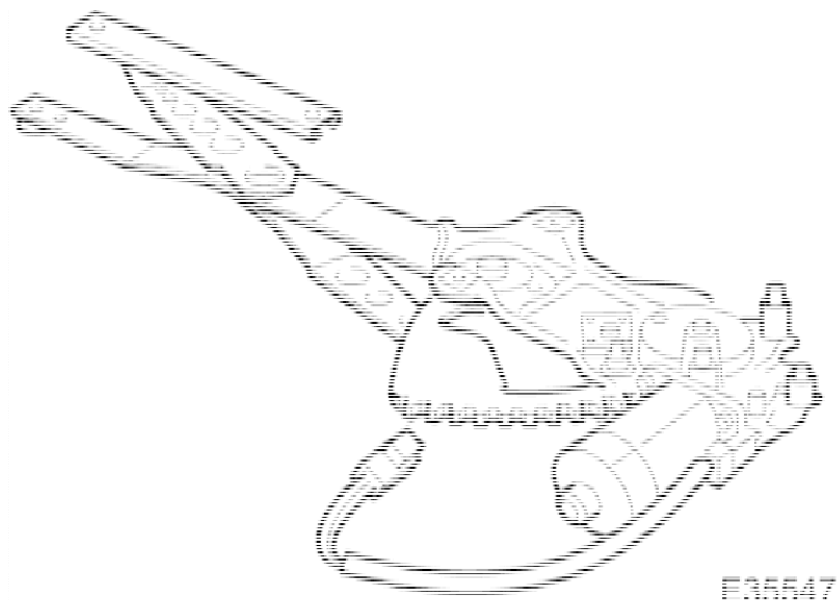
E35545

9. Slacken and remove screws and nuts securing lift motor to door.



E35546

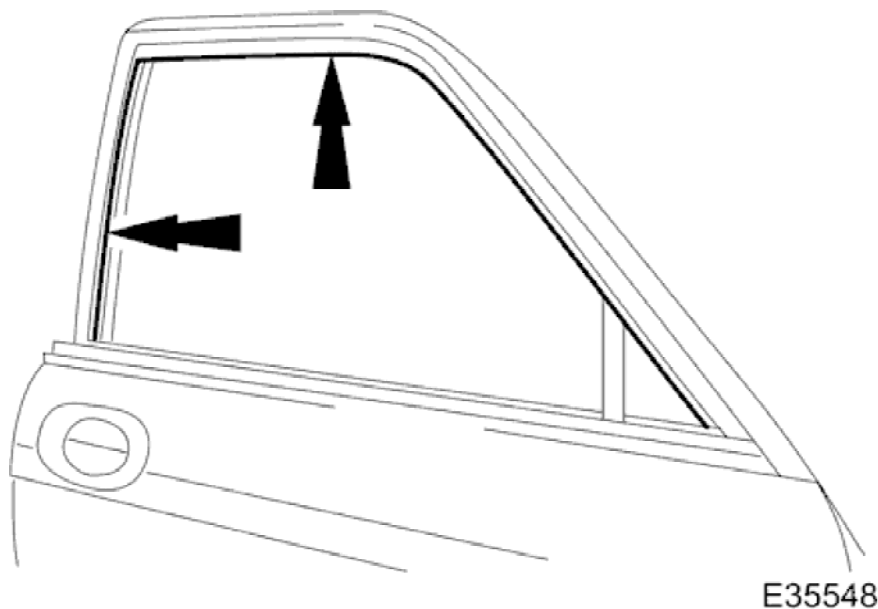
10. Mark position of door glass guide securing screws and slacken and remove screws.



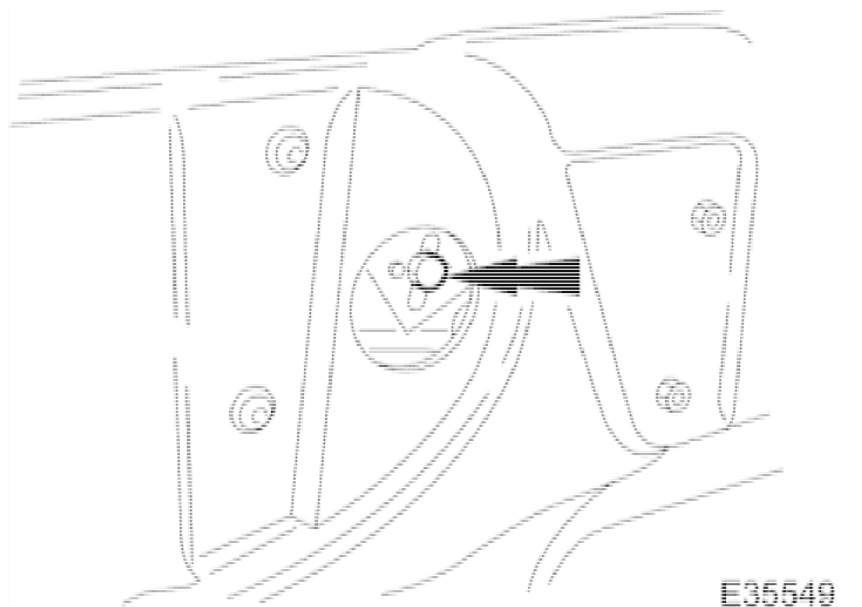
11. Separate motor/regulator assembly from glass, lower into bottom of door and remove assembly from door.

### Installation

1. Position motor/regulator assembly in door and fit onto glass.
2. Align motor with door holes and fit and tighten securing screws and nuts.
3. Position glass lift guide and fit but do not tighten securing screws.
4. Align glass lift guide with marked screw positions and fully tighten screws.
5. Remove tape securing glass to door frame.
6. Connect a 12volt supply to the motor multiplug and power the glass fully down and up.



7. Draw lines on the glass exterior as follows:
  - Horizontally along the line of the door frame top.
  - Vertically along the line of the B post.
8. Power glass down and check that lines indicate it is seating squarely in the seal.
9. If necessary adjust the glass position as follows:
  - Slacken the glass lift guide rear securing screw.  
**NOTE:**  
If glass is inclined rearwards, move guide downwards in slot. If glass is inclined forwards, move guide upwards in slot.
  - Reposition the lift guide and tighten the securing screw.
  - Re-check glass alignment.
10. Clean lines from glass.
11. Power window to fully up position
12. Repeat steps 7 and 8.
13. When glass alignment is satisfactory, thoroughly clean off lines.
14. Power window to fully closed position and disconnect 12volt supply from motor multiplug.



15. Adjust regulator up stop.
  - Slacken stop securing bolt.
  - Move stop rearwards to abut regulator quadrant.
  - Tighten stop securing bolt.
  
16. Reconnect harness multiplug to lift motor.
  
17. Fit door module. Refer to 86.80.34.
  
18. Reposition PVC weathershield.
  
19. Position water shedder and carefully pass harness multiplugs through penetration.
  
20. Ensuring door mating surfaces are clean and dry, firmly seat water shedder.
  
21. Fit casing/armrest assembly to door. Refer to <<76.34.01>>.
  
22. Connect ground cable to battery terminal and fit cover to battery. Refer to <<86.15.15>>.