

4.2 Front Door Outer Handle Assembly

LT Section — 11-360

Remove

- 1 Remove the trim panel assembly, refer to 3.1 Front Door Trim Panel.
- 2 Remove the trim panel bracket (1), three places, from the inner panel (2) by levering out the centre pin of each bracket.
- 3 Carefully peel off the water shield (3) from the inner panel.

NOTE

The water shield only need to be partly removed to allow access to complete this procedure.

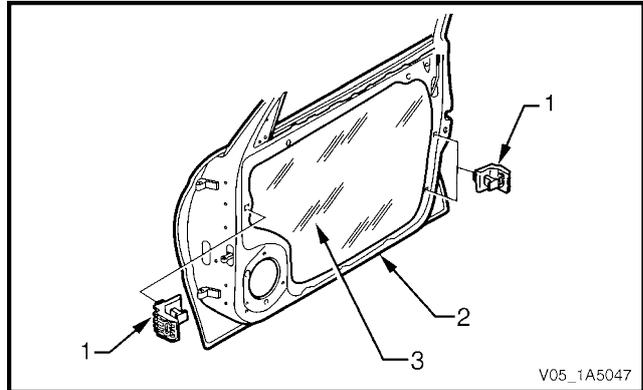


Figure 1A5 - 33

- 4 For the outer handle assembly on the driver's side, proceed as follows:
 - a Disconnect the lock cylinder rod (1) from the lock assembly (2) by releasing the lock cylinder rod retainer (3).
 - b Disconnect the wiring harness from the lock micro-switch wiring harness connector (4).

NOTE

The outer handle bracket assembly (7) on the driver's side consists of a micro-switch, a door lock cylinder and a bracket.

- 5 Remove the two nuts (5) attaching the outer handle assembly.
- 6 Remove the front door outer handle (6) and bracket (7) assemblies.

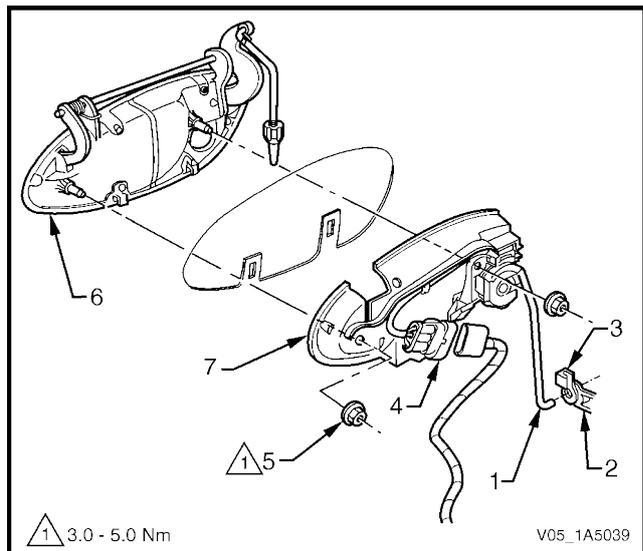


Figure 1A5 - 34

Disassemble – Driver's Side

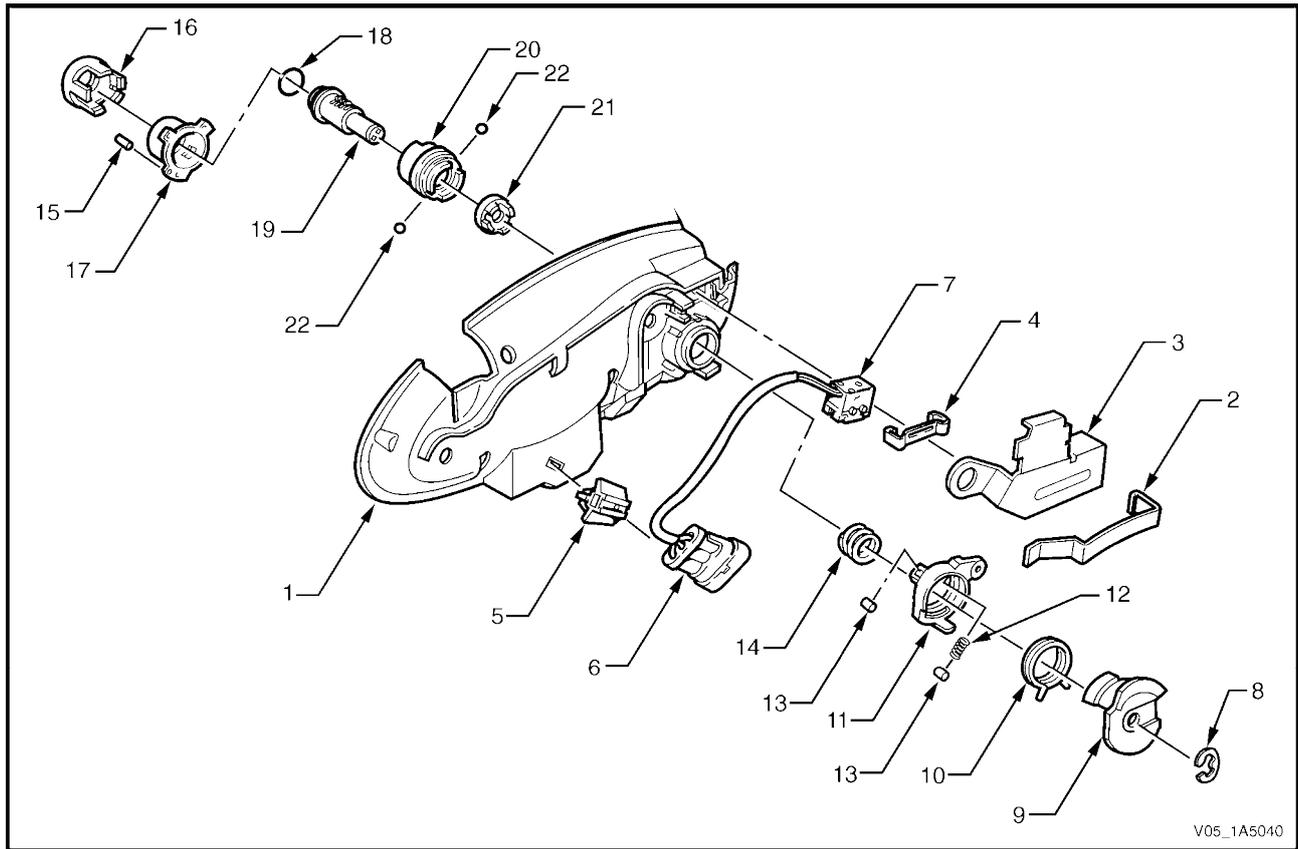


Figure 1A5 – 35

Legend

- | | |
|--|------------------------------|
| 1 Front Door Outer Handle Bracket | 12 Lock Lever Roller Spring |
| 2 Lock Barrel Shield Clip | 13 Lock Lever Roller |
| 3 Lock Barrel Shield | 14 Lock Clutch Thrust Spring |
| 4 Lock Micro Switch Clip | 15 Lock Barrel Housing Pin |
| 5 Micro Switch Wiring Harness Connector Retaining Clip | 16 Lock Barrel Housing Cover |
| 6 Micro Switch Wiring Harness Connector | 17 Lock Barrel Housing |
| 7 Lock Electric Micro Switch | 18 Lock Cylinder O-ring |
| 8 Lock Barrel Clip | 19 Lock Cylinder Assembly |
| 9 Lock Micro Switch Control Cam | 20 Lock Barrel Sleeve |
| 10 Lock Torsion Spring | 21 Lock Clutch Coupling |
| 11 Lock Lever | 22 Lock Clutch Balls |

- 1 From the back of the outer handle bracket (1), using a small screwdriver gently remove the lock barrel shield clip (2).
- 2 Remove the lock barrel shield (3).
- 3 Using a small screwdriver, gently remove the lock micro switch clip (4) away from the outer handle bracket.

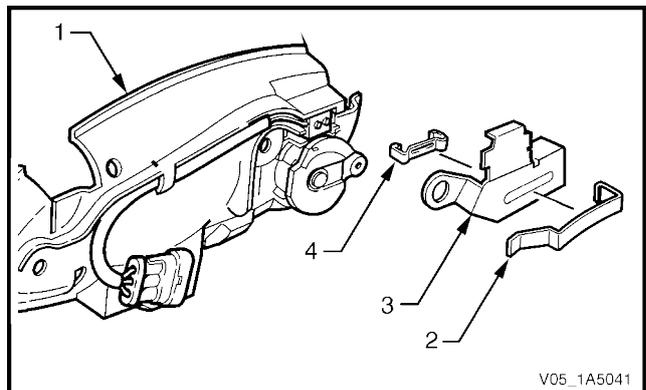


Figure 1A5 – 36

- 4 Slide the micro switch wiring harness connector (1) off the retaining clip (2) and free the wiring harness out from under the outer handle bracket retainer (3).

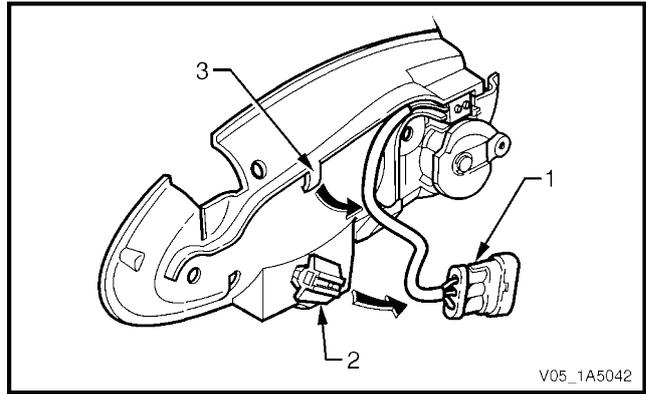


Figure 1A5 - 37

- 5 Using a small flat bladed screwdriver, push in the two contacts of the lock electric micro switch (1) and remove the lock electric micro switch and connector assembly.

NOTE

To test the micro-switch, refer to [Section 12J Body Control Module](#).

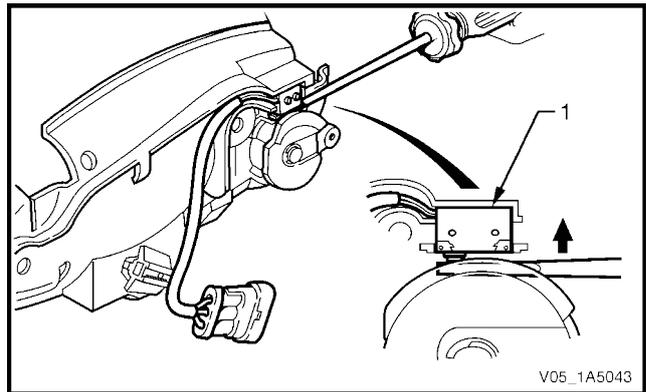


Figure 1A5 - 38

- 6 Remove the lock barrel shield clip (1) and slide the lock micro switch control cam (2), lock torsion spring (3) and lock lever (4) away from the lock assembly.

NOTE

Take care not to lose the lock lever roller spring (5) and the two lock lever rollers (6) during this procedure.

- 7 Remove the lock clutch thrust spring (7) from the lock assembly.

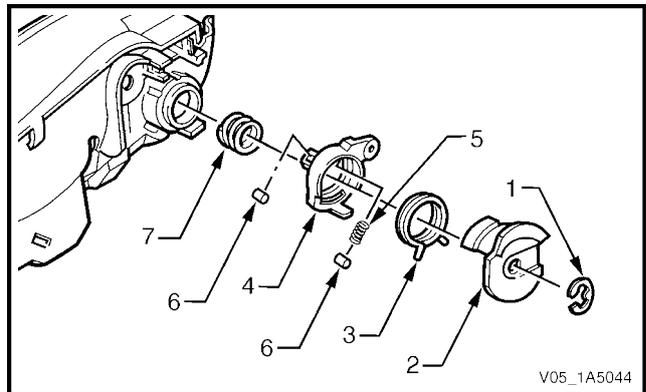


Figure 1A5 - 39

- 8 Using a suitable pair of pliers, pull the lock barrel housing pin (1) out of the outer handle bracket (2).

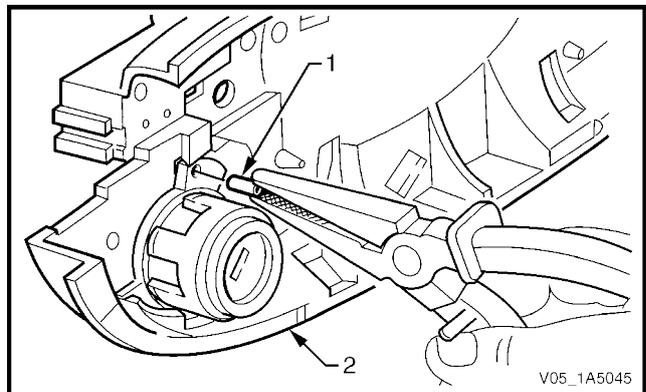


Figure 1A5 - 40

- 9 Rotate in an anti-clockwise direction and remove the housing cover (1), housing (2), O-ring (3), cylinder assembly (4), sleeve (5) and clutch coupling (6) from the outer handle bracket (7).

NOTE

Take care not to lose the two lock clutch balls (8) during this procedure.

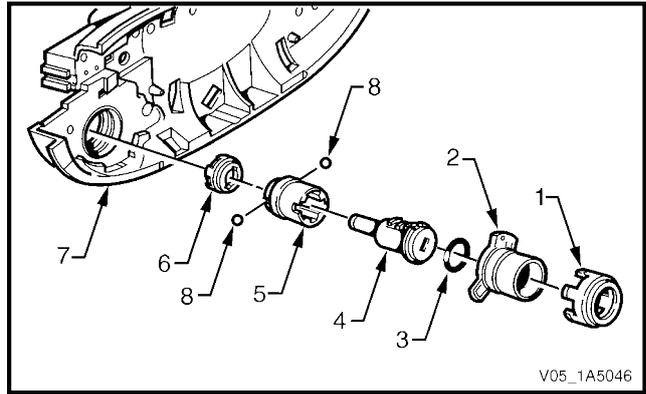


Figure 1A5 – 41

Reassemble – Driver's Side

Reassembly of the front door outer handle assembly is the reverse of the removal procedure, noting the following:

NOTE

Lock cylinder service replacement kits are supplied un-coded, which facilitates re-coding of the lock cylinder to match the original key. It is recommended the overhaul and re-coding of the lock cylinder is performed by an authorised locksmith.

- 1 Ensure the two lock clutch balls are fitted when installing the lock barrel sleeve and the O-ring is not damaged.
- 2 Rotate the parts in a clockwise direction when installing the lock barrel housing cover, housing, cylinder assembly, sleeve and clutch coupling.
- 3 Ensure the two lock lever rollers and roller spring are fitted when installing the lock lever.

Reinstall

Reinstallation of the front door outer handle assembly is the reverse of the removal procedure, noting the following:

- 1 Ensure the adjusting nut (1) is seated in the lock and actuator assembly (2) before installing the two attaching nuts (3).
- 2 Tighten the two nuts attaching the outer handle assembly to the correct torque specification.

Front door outer handle assembly attaching nuts torque specification.....3.0 – 5.0 Nm

- 3 Check and if necessary rotate the adjusting nut to allow the latch disengagement with the striker when the outer handle opening (4) is $18^\circ \pm 5^\circ$ from the rest position.

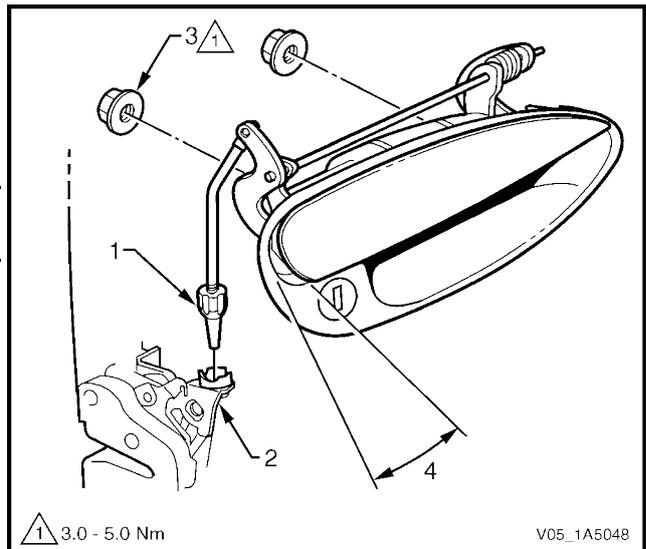


Figure 1A5 – 42