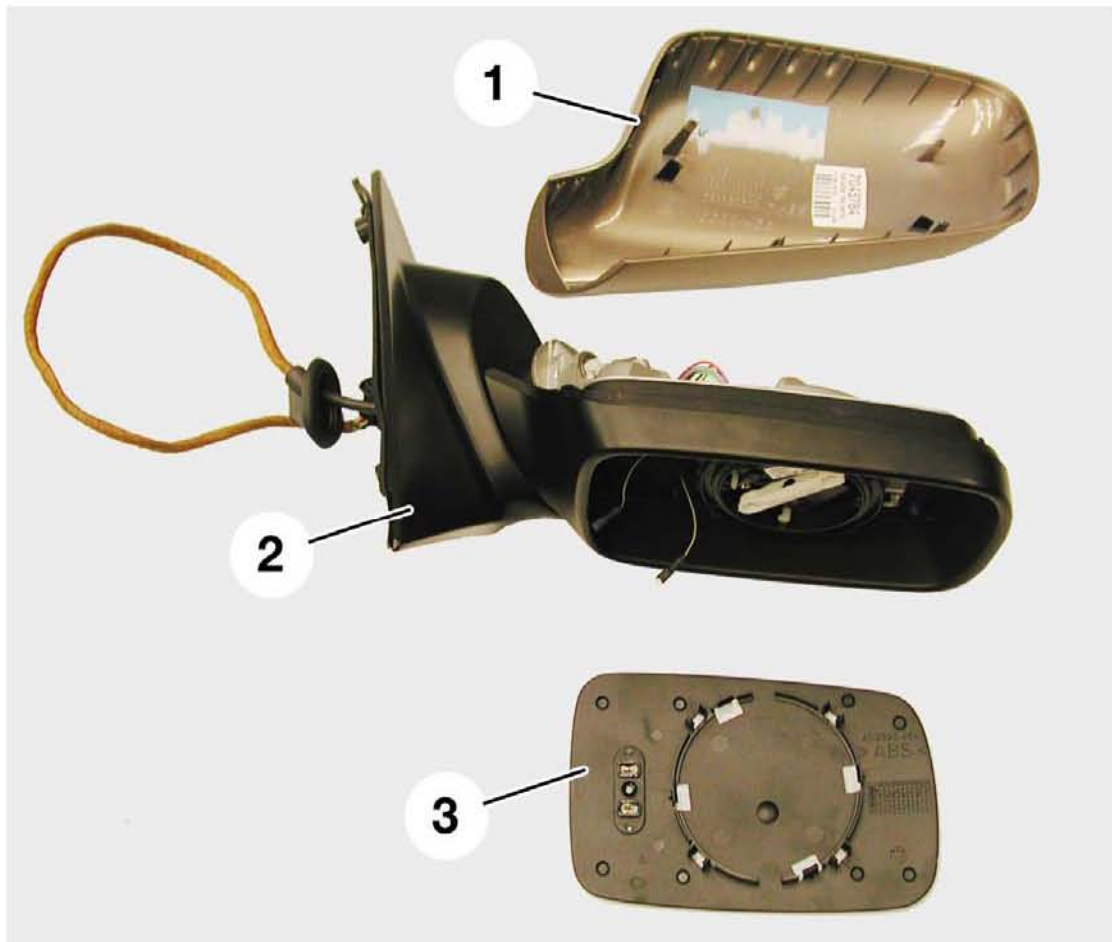


## Side of the vehicle

## -Outside mirrors



Index	Description
1	Mirror cup
2	Mirror unit with adjusting motor
3	Mirror glass

The outside mirrors of the E65 have heated mirror glasses as standard.

Electro-chromatic outside mirrors are available as an optional extra. This mirror incorporates an automatic anti-dazzle function which applies a voltage to the gel element in the mirror glass. As in the E38, this function is controlled by the inside mirror.

The standard mirrors and the electro-chromatic mirrors share the same design.

In both cases the mirror glass is a snap fit in the cup (no bayonet lock).

The protective cup is also snap-fitted. The mirror glass has to be removed before the cup can be removed.  
Three screws installed from the inside secure the rearview mirror to the door.

Removal/installation entails removing the door lining, because the cable connector is plugged into the door module.

### **- Mouldings**

The E65 sports only one moulding, a one-part feature extending all the way from the A-pillar to the C-pillar. It is finished in the same colour as the bodywork and is held in place by snap-fit fasteners.

### **-Sill cover**

The cover for the sill is made of plastic. It is held in place by snap-fit fasteners and is easily removed for replacement. This design feature was adopted so that minor damage can be repaired without undue expense.

### **-Doors, front**

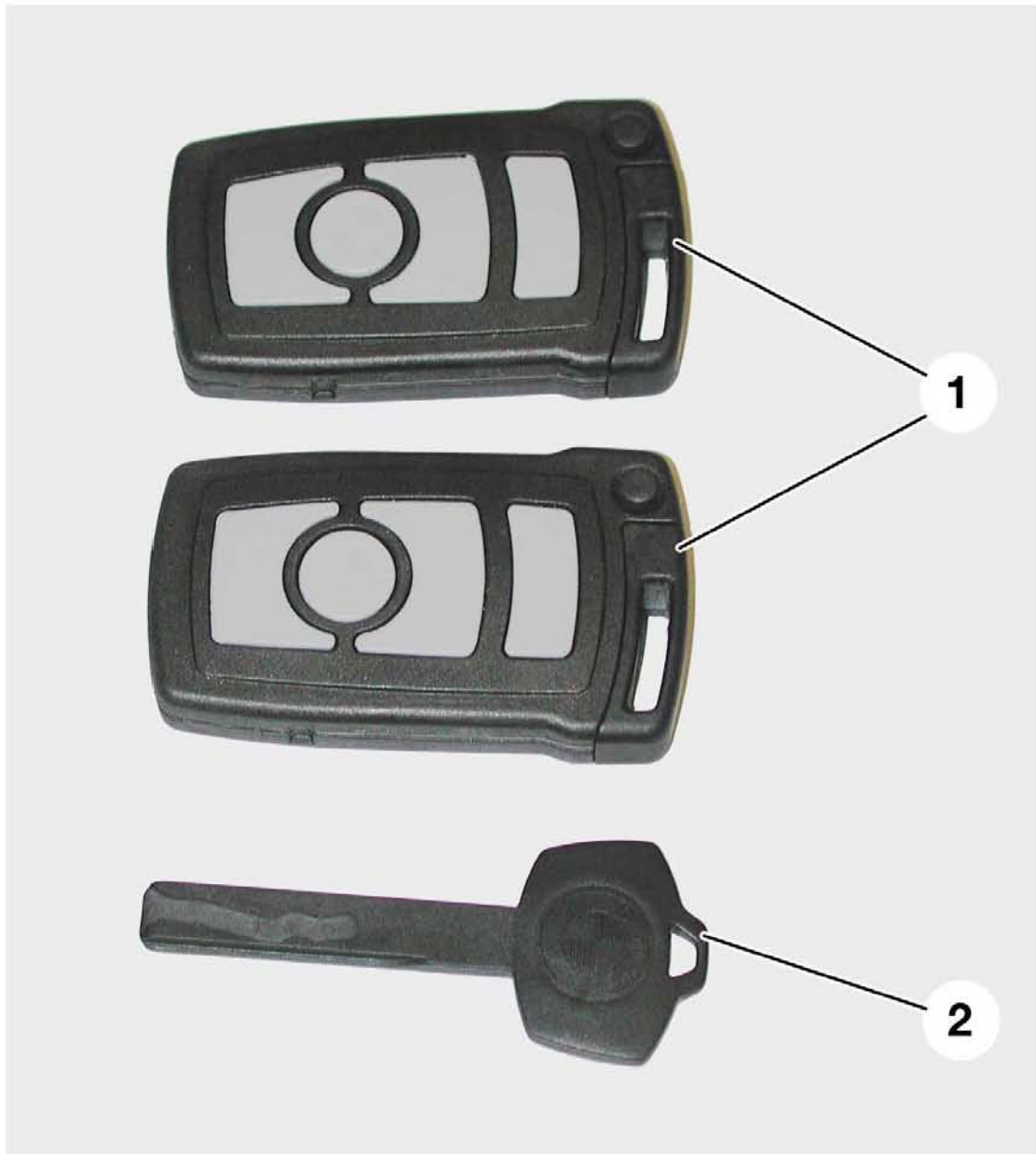
The outside door handles are finished in the same colour as the car's bodywork. A special tool is necessary for their removal (as is the case with the E39).

They have lighting for the handle itself and for the ground in the vicinity of the door. A fibre-optic waveguide carries the light from a central light source.

Only the lock in the driver's door is fitted with a locking cylinder. The doors can be opened by remote control with the two remote control keys. Emergency opening is possible with the plastic key for mechanical operation only. This plastic key is a key insert inset in the remote control.

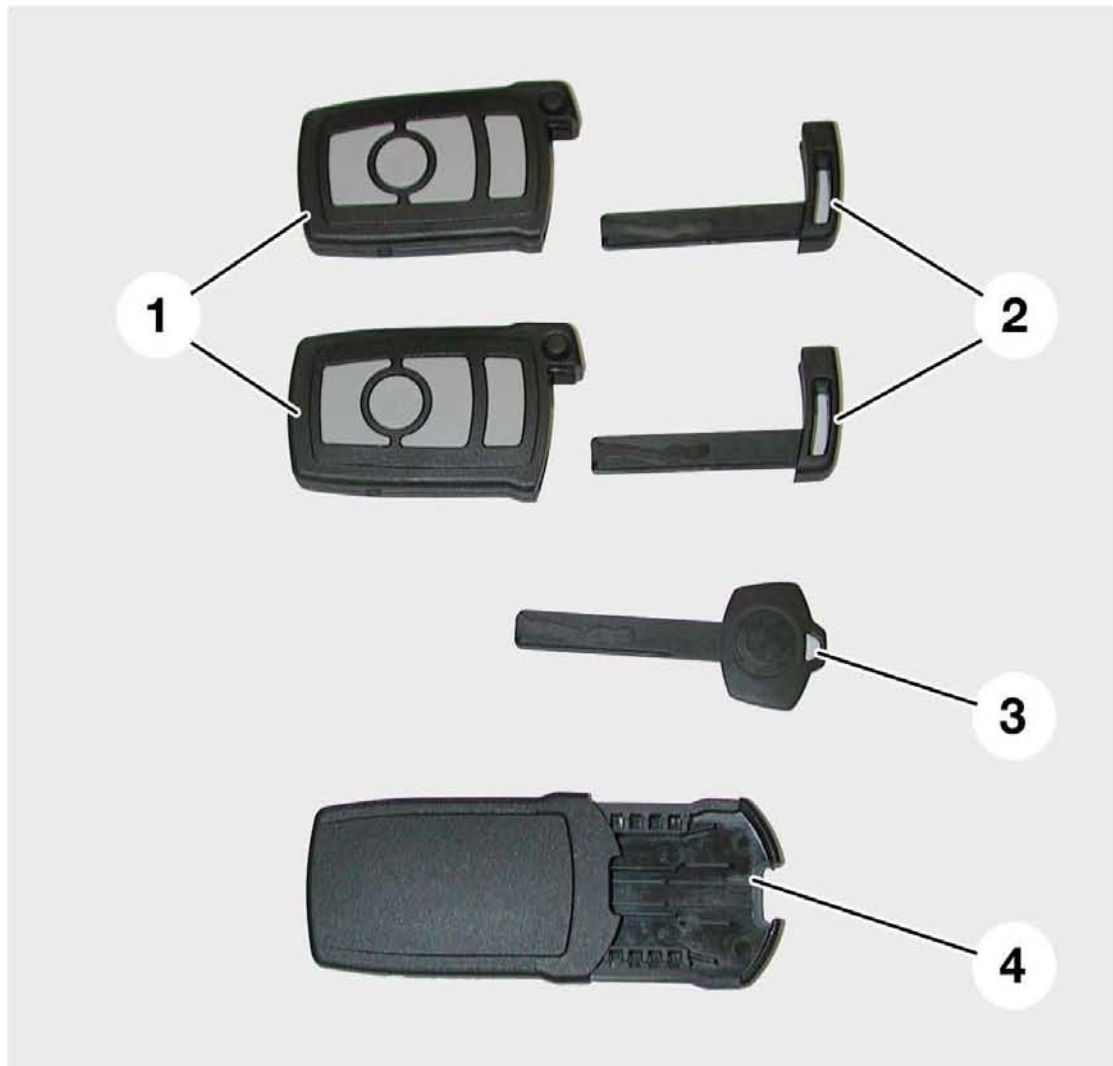
There are no rubbing strips on the outside of the doors. The chrome strip in the window frame is of the snap-on type. The black moulding at the edge of the window at the B-pillar is held in place by threaded fasteners. These fasteners are accessible once the window seal has been raised

### **Keys**



Index	Description
1	Key remote control
2	Flat key for wallet or purse

There are three keys in the set: two radio remote controls with removable emergency key insert, and a flat key for purse or wallet. The flat key is accompanied by an adapter which is stowed in the tool compartment inside the luggage compartment. The driver needs this adapter in order to use the flat key as a spare.



Index	Description
1	Key remote control
2	Emergency key inset into remote control
3	Flat key for wallet or purse
4	Adapter for flat key

It is no longer necessary to initialise the keys. The requisite data is downloaded to the radio-control keys in the factory. This is also true of keys ordered after the car has been purchased.

Note the following in relation to security locking when the car is handed over to car-parking staff: The luggage-compartment lid can be secured by means of a switch in the stowage compartment in the center armrest. This compartment locks with the aid of the key insert in the radiocontrol key. The key insert is then removed before the radiocontrol key is handed over to hotel staff.

#### **Door trim, front doors**





Index	Description
1	Securing screw, behind cap in armrest
2	Securing screw, behind cap in armrest
3	Securing screw, behind cap in armrest, airbag badge
4	Function decor strip with optical fibre conductor
5	Securing screw, behind cap for door opener

A function decor strip with a fibre optic conductor is integrated in the door trim panel. The light curtain generated in this way serves the purpose of lighting up the controls in the door:

-Door opener

-Switch block The positions of the securing screws for the trim panels of the front doors are as follows:

- 2 screws in the "base for armrest." The caps concealing these screws can be pried out with a screwdriver from below.

- 1 screw underneath the "Airbag" badge, which can also be pried out with a screwdriver.

-The fourth screw is located in the door handle. Due to the risk of incurring damage (scratching), the cap must not be removed using a tool. Thumb pressure applied to the edge closest to the doorhandle hinge will cause the cap to tilt in its recess, so that it can be removed.

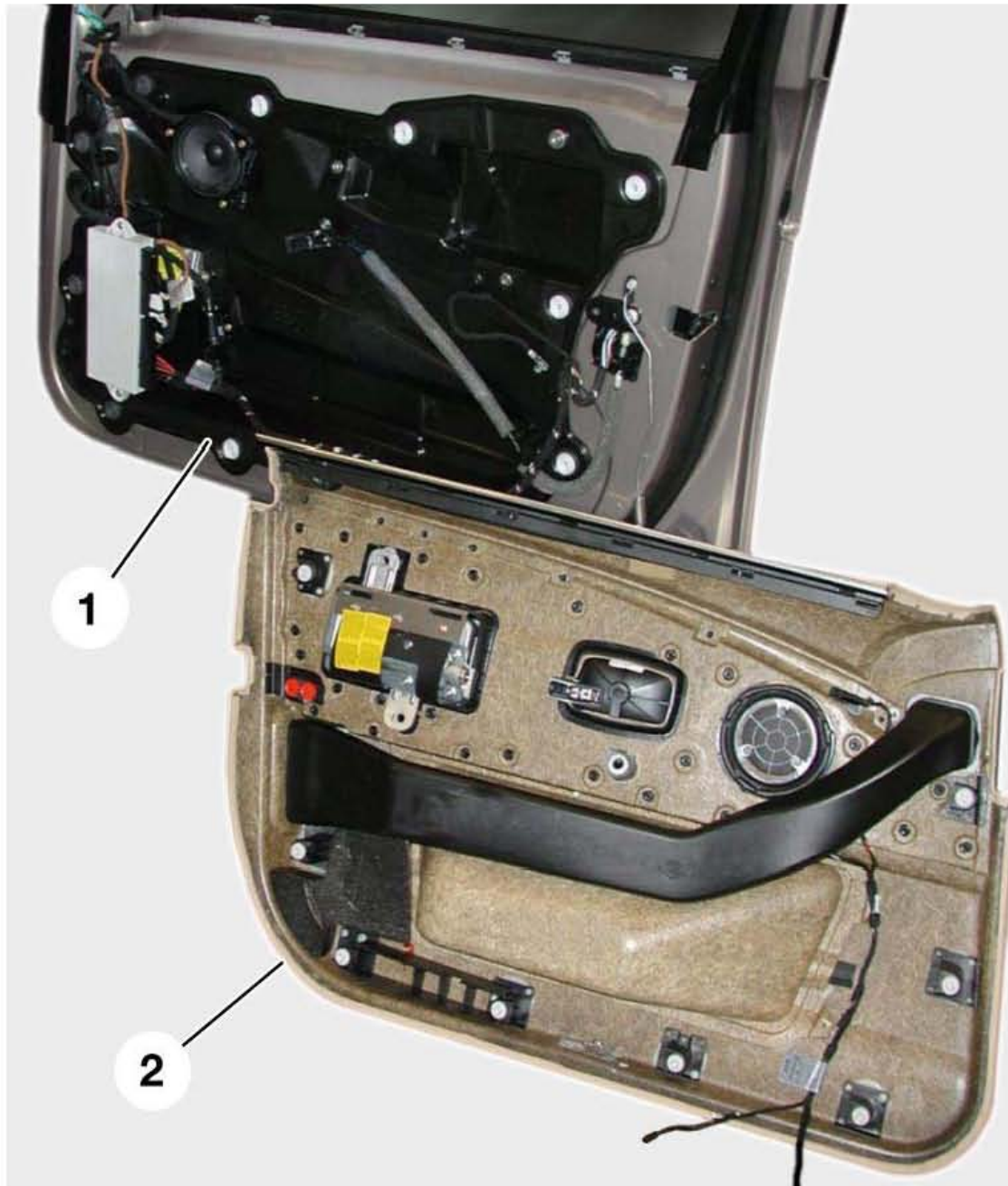
The following components are secured in the door trim panel:

- Door interior lighting for the function decor strip by LED with optical fibre
- Entrance lights in bottom of door trim panel
- Interior door handle
- Switch unit for all power windows, outside mirror, side change and fold-in function for mirrors, childproof lock, roller sunblind for rear window
- Airbag module

**Function carrier, front door**

A function carrier is secured to the front door frame.

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Index	Description
1	Function carrier, door
2	Door trim panel

The function carrier is secured to the bodyshell by quick-release fasteners. The door trim panels are also clipped into these quick-release fasteners. The function carriers in the front doors carry the following modules:

- Door module
- Air duct for ventilation from B-pillar
- Speakers
- Central light source for entrance-area lighting and door handle lighting (outside) by optical fibre
- Intrusion sensor for ISIS with optical fibre
- Door trim panel



The operating cable between the inside door handle and the door lock is also routed through this function carrier.

### **Door window, front**

The doors are fitted with toughened safety glass (ESG) as standard.

Windows made of laminated safety glass (VSG) are available as an optional extra.

The door windows have to be moved to a defined position for removal and installation. This is the only position in which the screws securing the window pane to the window lifter are accessible.

The strip at the window-recess aperture also has to be removed to permit installation and removal of the glass.

The securing screws have to be hand-tightened so that the glass can be adjusted to the correct position. When the window has been closed fully the screws have to be tightened to the specified torque.

### **Power window lifters, front**

The E65 has a cable-operated window lifter.

The motor with gearing is secured to the window actuator by screws and can be replaced. Initialisation is a necessary step in the replacement routine for the power window motor. Initialisation entails pressing the switch for the electric windows in the "Close" direction and holding it down for 25 seconds.

### **Door lock, front**

The door lock consists of a single unit. This unit comprises the servomotor, the door-lock mechanism, and all the requisite microswitches

An operating cable connects the door lock to the retaining plate of the outside door handle and three screws secure the lock to the door.

The door-window glass and the power window lifter have to be removed before the door lock can be removed.



A servo lock is available as an optional extra.  
The servo lock ensures reliable, automatic door locking.

### **Stepless door brake, front**

The E65 does not have a door arrester. A hydraulic damper is used instead. This damper means that the door can be stopped in any position. The hydraulic damper is held in place by threaded fasteners and can be replaced if necessary.

### **Finishers for window-recess apertures, seals, front**

All finishers for window-recess apertures and seals for the doors are of the snap-fit type. The seal around the frame is flockcoated. The anti-trap protection is not integrated into the seal. Anti-trap protection is a function integrated into the electronic circuitry of the power window motor.

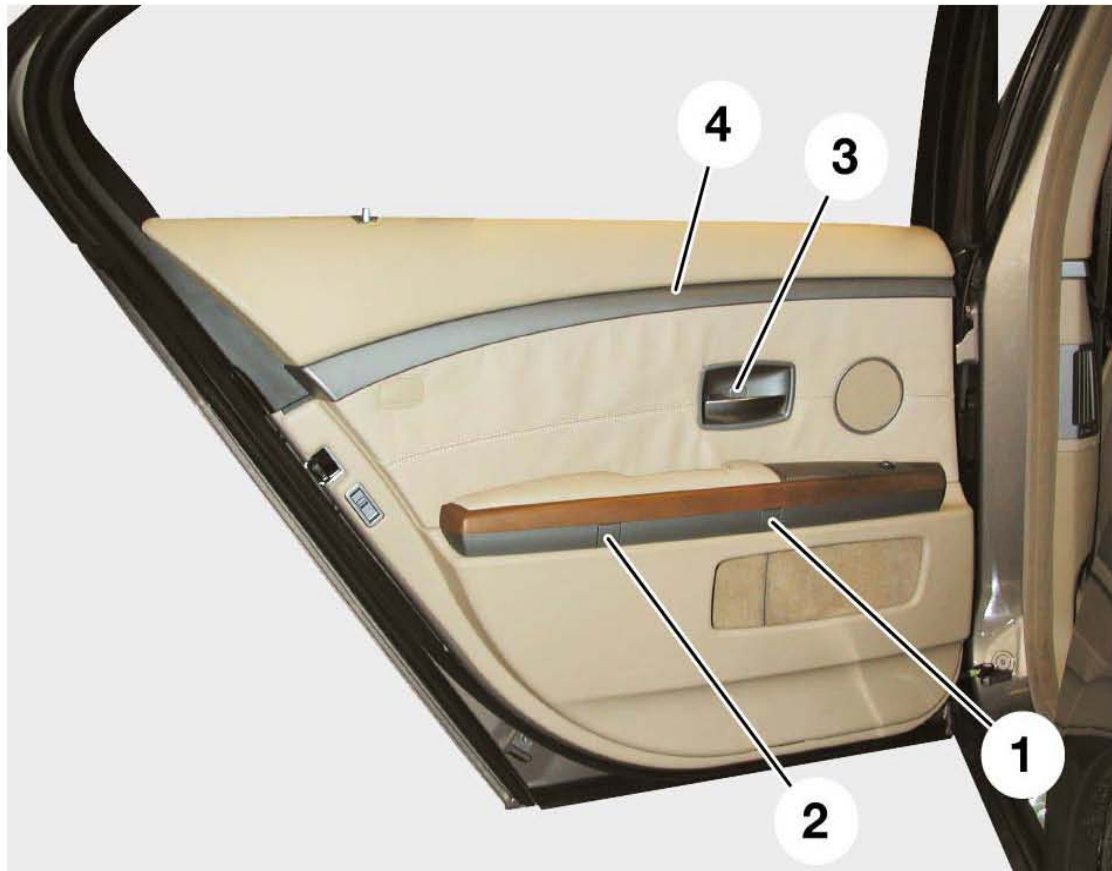
### **-Doors, rear**

The outside door handles are finished in the same colour as the car's bodywork. A special tool is necessary for their removal (as is the case with the E39).

They have lighting for the handle itself and for the ground in the vicinity of the door. A fibre-optic waveguide carries the light from a central light source.

There are no rubbing strips on the outside of the doors. The chrome strip in the window frame is of the snap-on type.

### **Door trim, rear doors**



Index	Description
1	Securing screw, behind cap in armrest
2	Securing screw, behind cap in armrest
3	Securing screw, behind cap for door opener
4	Function decor strip with optical fibre conductor

in the door trim panel. The light curtain generated in this way serves the purpose of lighting up the controls in the door:

- Door opener
- Ashtray
- Power windows The positions of the securing screws for the trim panels of the rear doors are as follows:

- 2 screws in the "base for armrest." The caps concealing these screws can be pried out with a screwdriver from below.

- The third screw is located in the door handle. Due to the risk of incurring damage (scratching), the cover plug must not be removed using a tool. Thumb pressure applied to the edge closest to the doorhandle hinge will cause the cap to tilt in its recess, so that it can be removed.

The following components are secured in the door trim panel:

- Door interior lighting for the function decor strip by bulb with optical fibre

- Entrance lights in bottom of door trim panel
- Interior door handle
  - Switch unit for rear power windows and for roller sunblinds for side windows as optional extra
  - Roller sunblind, side
- Airbag module
- Ashtray

### **Function carrier, rear door**

The rear door, too, has a function carrier secured to its frame. The function carrier is secured to the bodyshell by quick-release fasteners. The door trim panels are also clipped into these quick-release fasteners.

The function carriers in the rear doors carry the following modules:

- Door module
- Air duct for ventilation from B-pillar
- Speakers
  - Central light source for entrance area lighting and door handle lighting (outside) by optical fibre
  - Intrusion sensor for ISIS with optical fibre (rear, as optional extra only)
- Door trim panel
- Motors for side roller sunblinds

The operating cable between the inside door handle and the door lock is also routed through this function carrier

### **Rear side window**

The doors are fitted with toughened safety glass (ESG) as standard.

Door windows made of laminated safety glass (VSG) are available as an optional extra.

The door windows have to be moved to a defined position for removal and installation. This is the only position in which the screws securing the window pane to the window lifter are accessible.

The strip at the window-recess aperture also has to be removed to permit installation and removal of the glass.

The securing screws have to be hand-tightened so that the glass can be adjusted to the correct position. When the window has been closed fully the screws have to be tightened to the specified torque.

### **Rear quarter-light**

These windows are bonded to their frames.

They have to be cut out if their removal is necessary. Preparations for removal entail removing the door lining and all mouldings. All the mouldings are held in place by snap-in fasteners.

### **Power window lifters, rear**

The E65 has a cable-operated window lifter.

The motor with gearing is secured to the window actuator by screws and can be replaced. Initialisation is a necessary step in the replacement routine for the power window motor. Initialisation entails pressing the switch for the electric windows in the "Close" direction and holding it down for 25 seconds

### **Door lock, rear**

The door lock consists of a single unit. This unit comprises the servomotor, the door-lock mechanism, and all the requisite microswitches.

A Bowden cable connects the door lock to the retaining plate of the outside door handle.

Three screws secure the door lock to the door.

A servo lock for dependable, automatic locking of the door is available as an optional extra.

### **Stepless door brake, rear**

The E65 does not have a door arrester. A hydraulic damper is used instead. This damper means that the door can be stopped in any position.



The hydraulic damper is held in place by threaded fasteners and can be replaced if necessary.

### **Finishers for window-recess apertures, seals, rear**

All finishers for window-recess apertures and seals for the doors are of the snap-fit type. The seal around the frame is flockcoated.

The anti-trap protection is not integrated into the seal. Anti-trap protection is a function integrated into the electronic circuitry of the power window motor

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