

**Haynes**  
*shows you how*

**BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.**

## 18 Central locking components - removal and installation

### Warning:

The models covered by this manual are equipped with Supplemental Restraint systems (SRS), more commonly known as airbags. Always disarm the airbag system before working in the vicinity of any airbag system component to avoid the possibility of accidental deployment of the airbag, which could cause personal injury (see Chapter 12) . Do not use a memory saving device to preserve the ECM's memory when working on or near airbag system components.

### Caution:

These vehicles are equipped with the Central Body Electronic (ZKE-V) system . Each individual system is linked to a centralized control module that allows efficient and accurate troubleshooting. This control module governs the windshield wipers and washers, the central locking and anti-theft system, the power windows, the interior lights, the alarm system and the electronic consumer sleep mode. In the event of a malfunction with this system, have the vehicle diagnosed by a dealer service department or other qualified automotive repair facility, as special test equipment is required.

## Removal

### Electronic control unit (ECU)

1 The central locking system is controlled by the Central Body Electronics (ZKE-V) control unit, known as the General Module (GM V), which is located behind the passenger side glovebox. To access the control unit, remove the glovebox as described in [Section 27](#) .

2 Release the retaining clips and lower the ECU out of position.

3 Release the retaining clip then disconnect the wiring connector(s) and remove the ECU from the vehicle.

### Door lock actuator

4 The actuator is integral with the door latch assembly. Remove the door latch as described in [Section 13](#) .

### Trunk lock actuator

5 The trunk lid actuator is integral with the trunk latch assembly. Remove the trunk latch as described in [Section 17](#) .

## Tailgate lock actuator

6 Remove the tailgate latch as described in [Section 17](#) .

7 Remove the two retaining screws and remove the actuator from the latch.

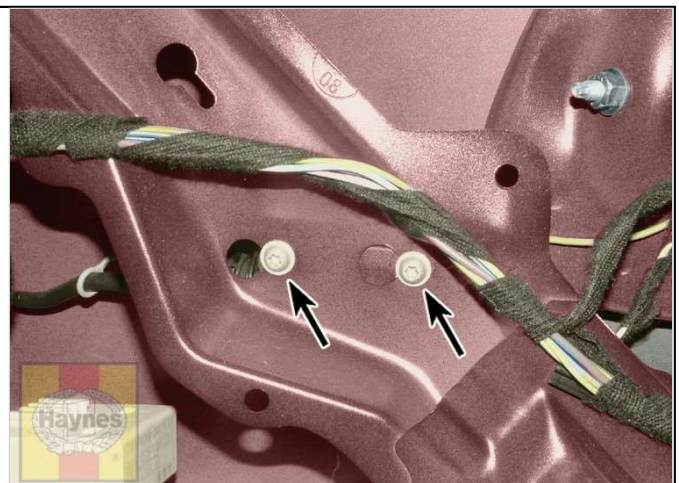
## Fuel filler flap solenoid

8 Rotate the retaining clip 90-degrees and partially remove the right-hand luggage compartment side trim panel.

9 Lift out the first aid box plate and peel back the luggage compartment trim to reveal the solenoid.

10 Disconnect the wiring connector then loosen the retaining screws and maneuver the solenoid out from the luggage compartment (see illustration) .

### 18.10 Fuel filler flap solenoid screws



## Glovebox lock solenoid

11 Remove the glovebox (see [Section 27](#) ).

12 Unclip the solenoid rod from the lock and guide, then remove the retaining bolts and remove the solenoid.

## Installation

13 Installation is the reverse of removal. Prior to installation any trim panels removed for access, thoroughly check the operation of the central locking system.