

**Haynes**
shows you how

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

19 Ignition switch/steering column lock - removal and installation

Lock assembly

1 Replacement of the lock assembly requires the steering column to be dismantled. This task requires the use of several special tools, and for this reason should be entrusted to a BMW dealer or suitably-equipped specialist.

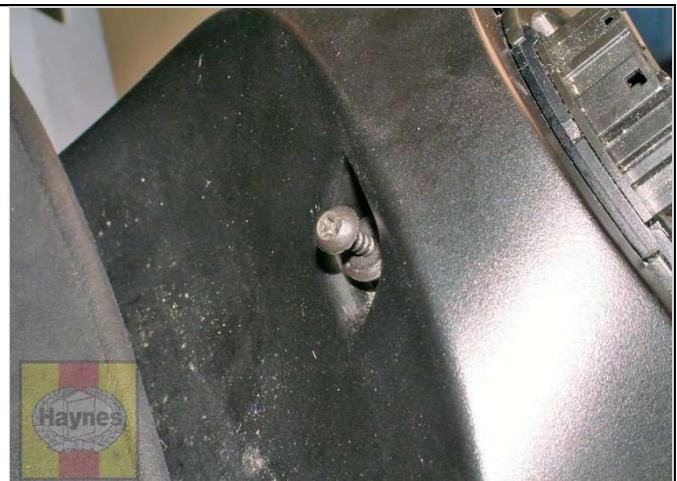
Lock cylinder

Removal

2 Disconnect the battery negative terminal (see [Chapter 5, Section 1](#)). Insert the key into the lock and release the steering lock.

3 Loosen the retaining screw and pull it out complete with the plastic rivet, squeeze in the sides of steering column upper shroud as shown, and remove the shroud (see illustration) .

19.3 Loosen the screw and pull it out complete with the plastic rivet



4 Push-in the center pins of the two plastic expanding rivets and remove the lower steering column shroud (see illustration) .

19.4 Press in the center pins of the two expanding rivets



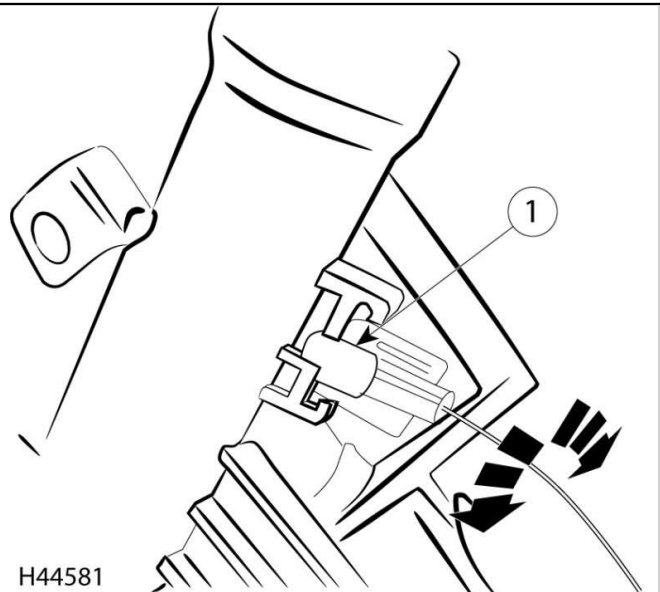
5 Disconnect the electrical connector then, using two screwdrivers, carefully pry the transponder ring over the end of the ignition switch (see illustration) .

19.5 Carefully pry off the transponder ring



6 Depress the retaining clip and detach the interlock cable (where installed) from the ignition switch (see illustration) .

19.6 Depress the retaining clip (1) and detach the interlock cable



7 Turn the ignition key to the accessory position (I), then insert a drill bit or other suitable pin into the hole in the cylinder. Depress the lock cylinder detent, and slide the lock cylinder out of position (see illustrations) .

19.7a Insert a 1/8-inch (1.2 mm) (approx) pin into the hole in the cylinder . . .



19.7b . . . to depress the detent lever (shown with lock removed)



Installation

8 Position the lock cylinder as shown in Step 7 and insert the cylinder into the housing until it clicks in to position.

Ignition switch block

Removal

9 Disconnect the cable(s) to the battery negative terminal(s) (see [Chapter 5, Section 1](#)).

10 Remove the retaining screw, squeeze in the sides of steering column upper shroud and remove it (see [illustration 19.3](#)) .

11 Push-in the center pins and pry out the plastic rivets, then remove the lower steering column shroud (see [illustration 19.4](#)) .

12 Disconnect the electrical connector from the switch, then remove the two set screws and remove the switch block from the lock assembly (see [illustration](#)) .

19.12 Disconnect the electrical connector and loosen the two set screws



Installation

13 Installation is the reverse of removal, noting the following points:

- A. Apply varnish to the switch screws prior to installation, to lock them in position.
- B. Reconnect the battery and check the operation of the switch prior to installation the steering column shrouds.