

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

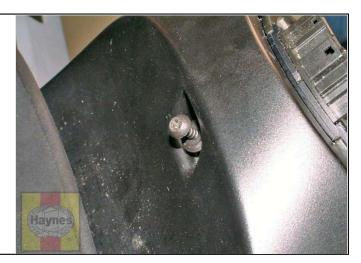
1 Replacement of the lock assembly requires the steering column to be dismantled. This task requires the use of several special tools, and for this reason should be entrusted to a BMW dealer or suitably-equipped specialist.

Lock cylinder

Removal

- 2 Disconnect the battery negative <u>terminal</u> (see <u>Chapter 5, Section 1</u>). 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



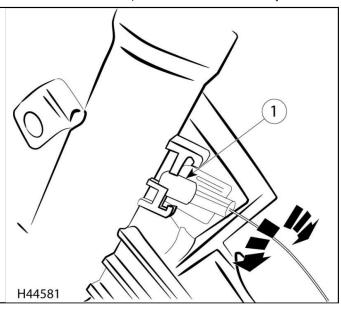
5 Disconnect the electrical connector then, using two screwdrivers, carefully pry the transponder ring over the end of the ignition switch (see illustration) .

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.

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