



**Haynes**  
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BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

## 15 Steering column switches - replacement

### Steering column switch module

- 1 Place the steering column in the fully lowered and extended position. Remove the steering wheel (see [Chapter 10](#)).
- 2 Note that as the steering wheel is removed, the clockspring is automatically locked to prevent any accidental rotation.
- 3 Unclip the upper and lower steering column covers (see illustrations) .

#### 15.3a Unclip the column upper shroud . . .



#### 15.3b . . . and lower column shroud . . .

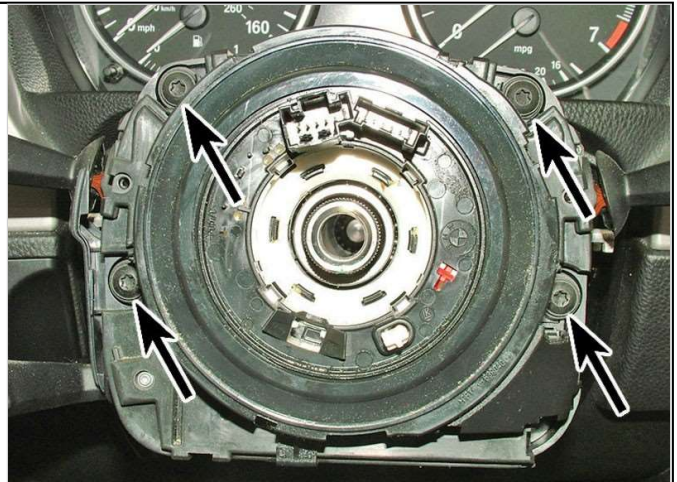


**15.3c . . . if required, squeeze together the clips and detach the upper shroud from the boot**



**4 Remove the mounting bolts and slide the module up the steering column (see illustration) .**

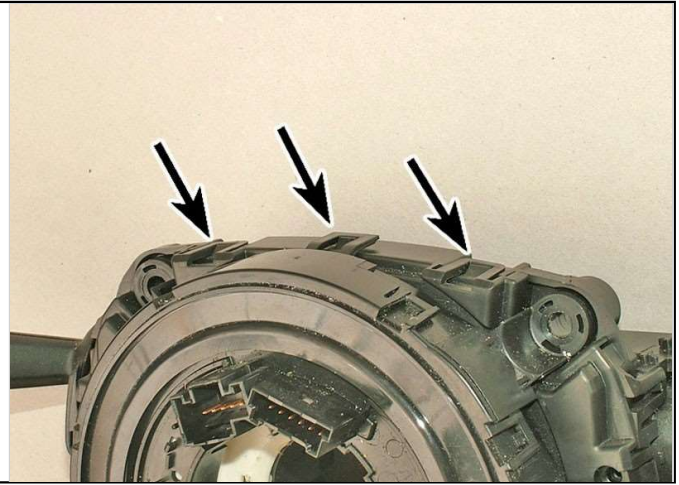
**15.4 Remove the switch module retaining bolts**



**5 Disconnect the various electrical connectors from the module as it's withdrawn. *Note: The steering column switch module has very few mechanical elements, as the operating components are optical switches. The module also incorporates the steering angle sensor. Handle the module with great care.***

**6 If required, release the clips and separate the clockspring (see illustration) . No further disassembly of the module is recommended.**

**15.6 Release the clips around the outer edge of the clockspring (upper clips shown)**



7 Installation is the reverse of removal, ensuring that the wiring is correctly routed. **Note:** *If a new module has been installed, it must be coded/calibrated using BMW diagnostic equipment. Entrust this task to a dealer or other qualified shop .*

## Steering wheel switches

### **Note:**

Two different types of steering wheels are used on the 3-Series range; either a Multifunction steering wheel, or a Sports steering wheel.

8 Remove the driver's airbag (see [Section 21](#) ).

## Multifunction steering wheel

9 Disconnect the switch electrical connector from the center of the steering wheel. **Note:** *The switches are wired together .*

10 Carefully pry the switches from the steering wheel (see illustration) . Note that the horn switch is integral with the airbag unit.

**15.10 Pry the switch block from the steering wheel (multifunction steering wheel)**





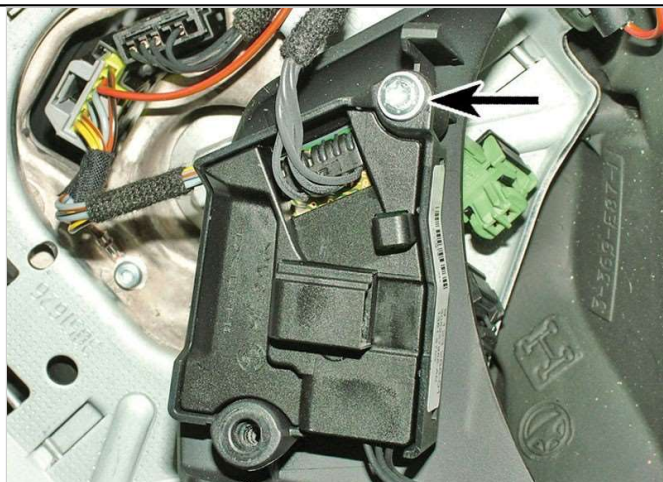
11 Installation is the reverse of removal.

## Sports steering wheel

12 Remove the retaining bolts on the front face of the steering wheel (two securing the upper section and one securing the lower section), and unclip the switch carrier panel from the steering wheel. Disconnect the electrical connector as the panel is withdrawn.

13 If required, remove the bolts and detach the switches from the panel (see illustration) .

**15.13 Each steering wheel switch is secured by a bolt**



14 Installation is the reverse of removal.

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