



Haynes
shows you how

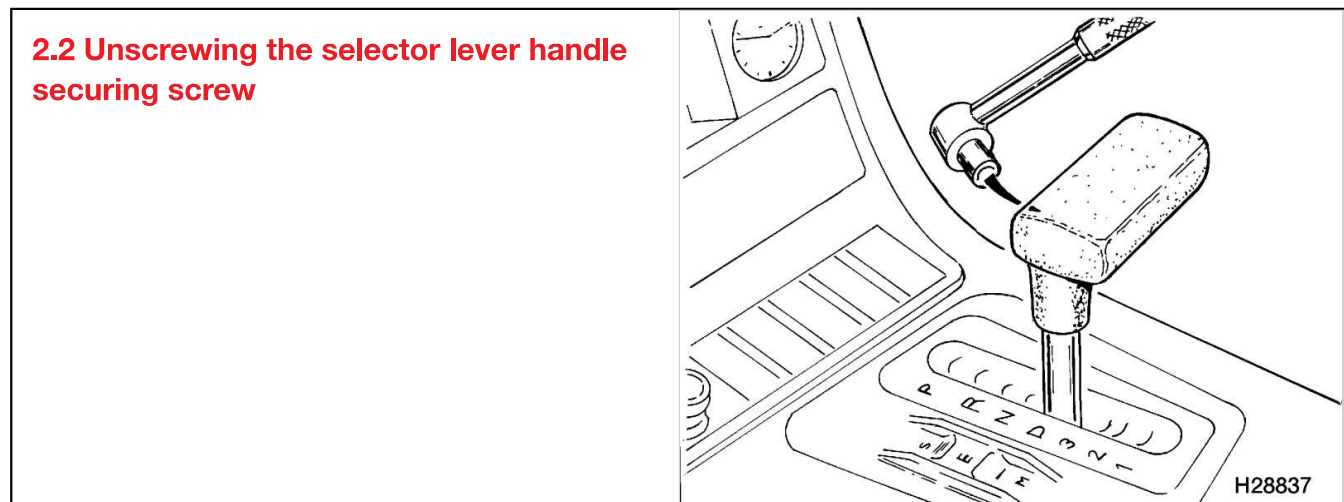
BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

2 Gear selector lever - removal and installation

Selector lever - models without “interlock” system

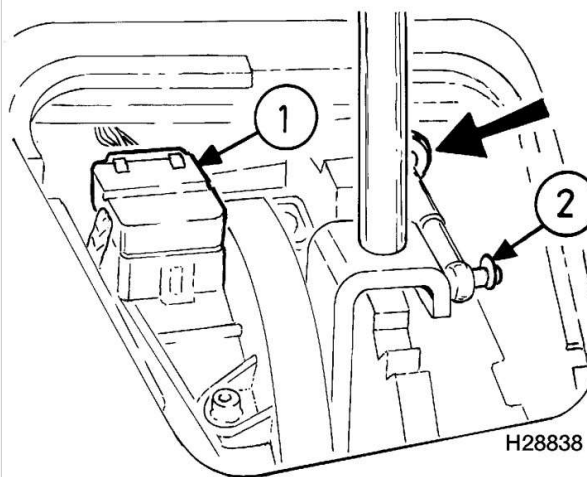
Removal

- 1 Disconnect the battery negative lead. **Caution:** *If the radio in your vehicle is equipped with an anti-theft system, make sure you have the correct activation code before disconnecting the battery.*
- 2 Unscrew the securing screw from the front of the selector lever handle, then pull off the handle (see illustration) .

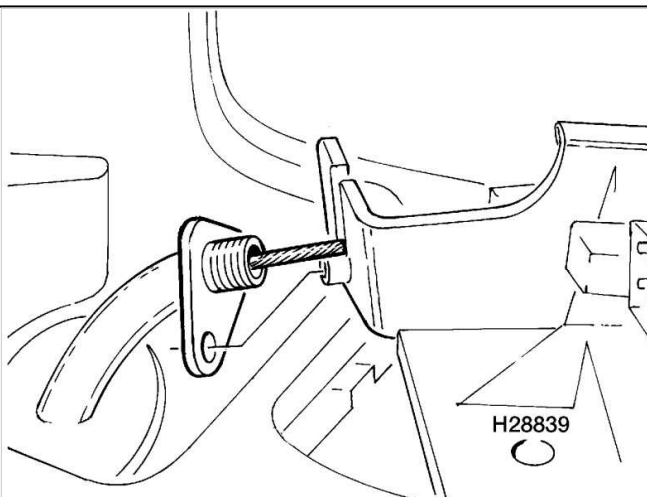


- 3 Remove the cigarette lighter and housing, (see [Chapter 12](#)).
- 4 Unclip the selector lever cover and disconnect the wiring from the switch and the light mounted in the cover.
- 5 Disconnect the wiring plug from the lever assembly.
- 6 Pry off the clip securing the selector cable to the lever, then unscrew the cable sleeve securing nut, and pull the cable forwards. Unhook the cable end from the lever (see illustrations) .

2.6a Disconnect the wiring plug (1), pry off the cable clip (2) and unscrew the cable sleeve securing nut (arrow) . . .

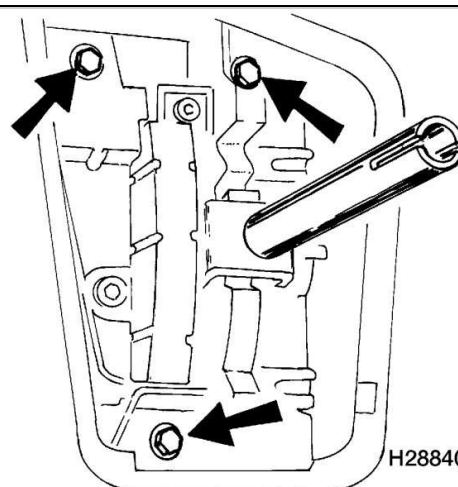


2.6b . . . then pull the cable forwards



7 Unscrew the three mounting bolts, then tilt the lever assembly, and withdraw upwards (see illustration) . Recover the seal between the lever assembly and the floor panel.

2.7 Selector lever assembly mounting bolts (arrows)

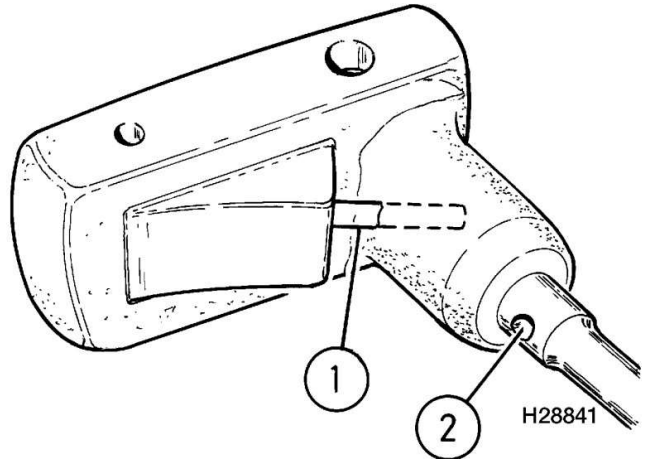


Installation

8 Installation is a reversal of removal, bearing in mind the following points.

- A. Ensure that the seal is correctly fitted between the lever assembly and the floor panel.
- B. When reconnecting the selector cable, ensure that the lug on the lever assembly engages with the hole in the cable sleeve plate.
- C. When installing the lever handle, ensure that the pin on the button under the handle engages with the hole in the top of the lever. Fit the handle with the button released (see illustration).
- D. On completion, adjust the selector cable (see [Section 3](#)).

2.8 Ensure that the pin (1) engages with the hole (2) in the lever



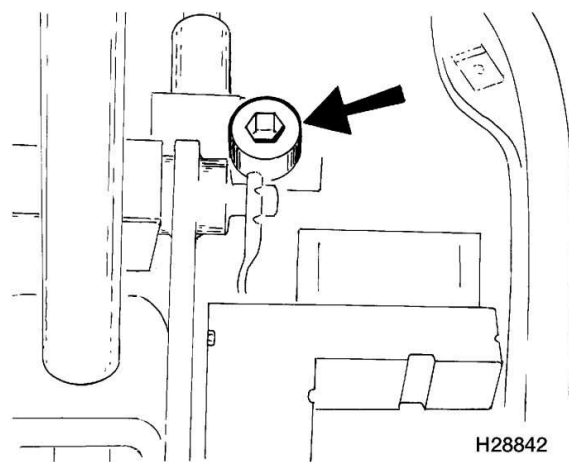
Selector lever - models with “interlock” system

Removal

9 Follow the procedure outlined in Steps 1 through 6.

10 Unscrew the interlock cable clamp bolt, and remove the clamp (see illustration) .

2.10 Unscrew the interlock cable clamp bolt (arrow)



11 Disconnect the end of the interlock cable from the pin on the lever.

12 Disconnect the interlock cable from the steering lock (see [Chapter 10](#)).

13 Working at the linkage, separate the two halves of the interlock wiring connector.

14 Unscrew the three mounting bolts, then tilt the lever assembly, and withdraw upwards. Recover the seal between the lever assembly and the floor.

Installation

15 Reconnect the cable to the steering lock (see [Chapter 10](#)).

16 Manipulate the lever assembly into position, then install and tighten the securing bolts. Ensure that the seal is correctly fitted between the lever assembly and the floor panel.

17 Reconnect the selector cable to the lever, ensuring that the lug on the lever assembly engages with the hole in the cable sleeve plate. Tighten the securing nut.

18 Reconnect the wiring plug to the lever assembly.

19 Move the selector lever into position "P" (the forward position).

20 Reconnect the end of the interlock cable to the pin on the lever.

21 Lay the cable sleeve in position, then install the clamp and tighten the clamp bolt by hand only. It should be possible for the cable to slide easily through the clamp.

22 Turn the ignition key to the "lock" position, and remove the key.

23 Check that the interlock mechanism operates correctly as follows.

A. Turn the ignition key to the center (accessory) position.

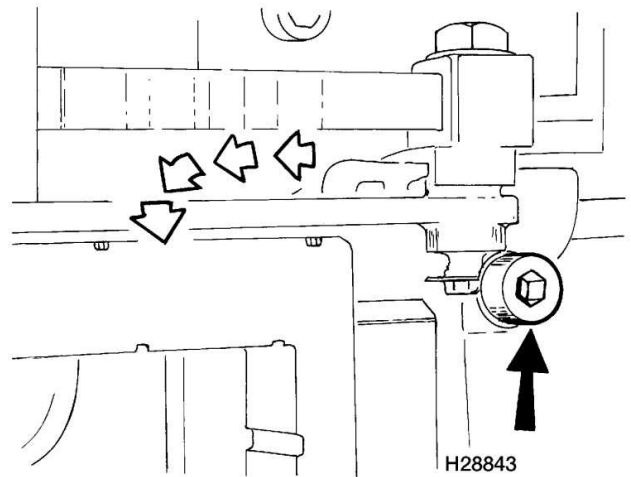
B. It should be possible to move the selector lever in and out of all positions.

C. It should only be possible to turn the ignition key back to the "lock" position and remove the key with the selector in position "P".

D. It must not be possible to move the selector lever out of position "P" with the ignition key in the "lock" position or removed.

24 Press the locking lever down and tighten the cable clamp bolt (see illustration) .

2.24 Press the locking lever down and tighten the clamp bolt (arrows)



25 Again, check the operation of the interlock mechanism (see Step 23).

26 Further installation is a reversal of removal, but when installing the lever handle, ensure that the pin on the button under the handle engages with the hole in the top of the lever. Fit the handle with the button released.

27 On completion, adjust the selector cable (see [Section 3](#)).

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