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shows you how

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

## 13 Door handle and latch components - removal and installation

### Removal

#### Interior door handle

- 1 Remove the interior door trim panel (see [Section 12](#)).
- 2 Release the interior handle lever, pry out the locking clip and detach the cable from the handle (see illustration 12.5) .
- 3 Remove the retaining bolt, release the clips and remove the handle from the door trim (see illustration) .

**13.3 Remove the bolt, then release the clips around the circumference and pull the handle from the panel**



#### Front door latch assembly

- 4 Remove the window regulator assembly (see [Section 14](#) ). **Note:** *It isn't necessary to completely remove the window - slide it to the top of the channel and secure it in place with duct tape.*
- 5 If working on the driver's door, remove the lock cylinder (see Steps 13 and 14).
- 6 Release the latch assembly wiring retaining clips and disconnect the wiring connector(s).

7 Disconnect the interior release cable from the latch, then unclip the latch-button control rod from the latch (see illustrations) .

**13.7a Pull the outer cable from the bracket and disengage the inner cable**

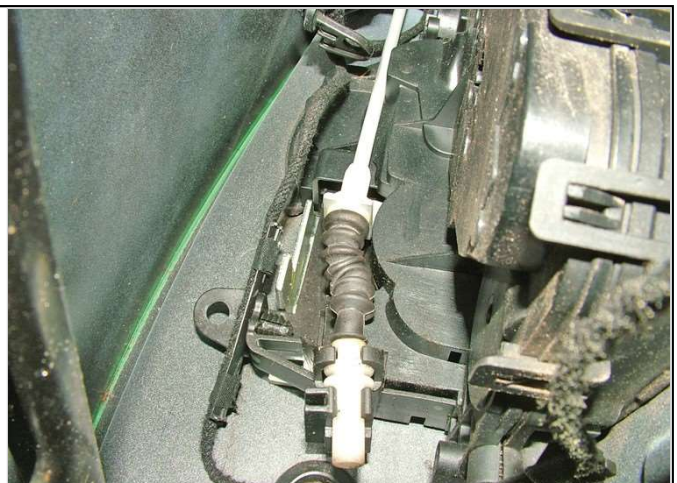


**13.7b Pull the latch button control rod from the lock**



8 Unclip the release cable from the door latch by pulling the cable from the clips. Note the routing of the cable; it must be installed in the original position (see illustration) .

**13.8 Pull the release cable from the door latch**



9 Loosen and remove the latch assembly retaining screws, then maneuver the assembly from the door (see

illustrations) .

### 13.9a Remove the door latch bolts . . .



### 13.9b . . . and maneuver the latch from the door



## Front door exterior handle

10 If working on the driver's door, remove the lock cylinder (see Steps 13 and 14). If working on the passenger's door, pry out the grommet in the door end panel to expose the outer handle rear cover retaining bolt - remove the bolt, and pull out the cover. **Note:** *On models with handle lighting, lift out the lighting element and position it in the handle opening to prevent accidental damage as the handle is removed.*

11 Pull the outer handle rearward, then outward to disengage the front locator (see illustration) .



### 13.11 Pull the handle rearwards, then outwards



12 To remove the handle operating frame, remove the door latch, then remove the rubber gasket from the front handle mount (see illustration) . Remove the Torx bolt and pull the frame forward and off. Disconnect any electrical connectors as the frame is removed.

### 13.12 Remove the rubber gaskets and the retaining bolt



## Front door lock cylinder

13 Pry out the rubber plug from the end of the door opening to expose the lock cylinder retaining bolt.

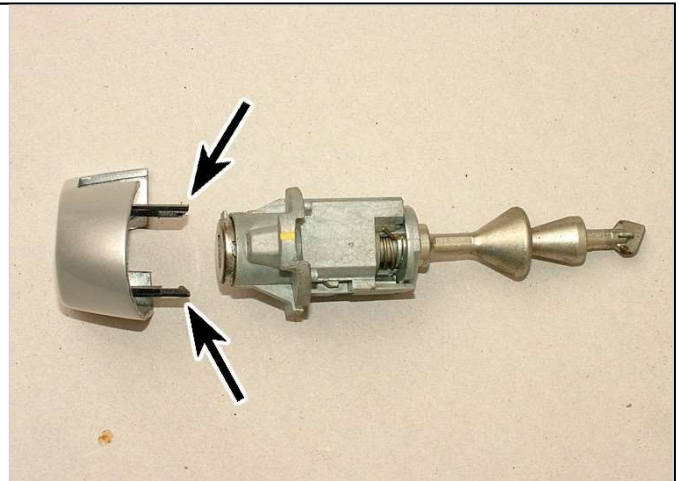
#### Note:

On models equipped with handle lighting, lift out the lighting element and position it in the handle opening to prevent accidental damage as the handle is removed (see illustration 13.21) .

14 Remove the lock cylinder retaining bolt, insert the key, and pull the lock cylinder from the door (see illustration) .

**13.14 Pull the lock cylinder from the door**

15 If required, release the retaining clips and separate the cylinder from the plastic cover (see illustration) .

**13.15 Release the mounting clips and separate the cover from the cylinder**

## Rear door latch

16 Remove the door inner trim panel and watershield (see [Section 12](#) ). Disconnect the door latch electrical connector(s).

17 Disconnect the release cable from the latch, then unclip the lock-button control rod (see illustrations 13.7a and 13.7b) .

18 Unclip the outer handle release cable from the door latch. Note the routing of the cable; it must be installed in the original position (see illustration 13.8) .

19 Loosen and remove the latch assembly retaining Torx bolts, release the wiring harness from the retaining clips, then maneuver it from the door (see illustrations 13.9a and 13.9b) .

## Rear door exterior handle

20 Pry out the grommet in the door end panel to expose the outer handle rear cover retaining bolt. Remove the

rear cover mounting fastener and cover from the outer handle (see illustrations) .

**13.20a Remove the retaining bolt . . .**



**13.20b . . . and pull the rear cover from the door**



21 Pull the outer handle rearward, then outward to disengage the front guide (see illustration) . **Note:** *On models with handle lighting, lift out the lighting element and position it in the handle opening to prevent accidental damage as the handle is removed.*

**13.21 Place the handle lighting element in the opening to prevent damage**



22 To remove the handle operating frame, remove the door latch (see Steps 16 through 19), then remove the rubber gasket from the front handle mounting (see illustration 13.12) . Remove the Torx bolt and pull the frame

forward and off. Disconnect any electrical connectors as the frame is removed.

## Installation

### Interior door handle

23 Clip the door handle into the trim and install the retaining bolt.

24 Reconnect the release cable to the handle.

25 Install the door trim panel (see [Section 12](#) ).

### Front door latch assembly

26 Ensure that the seal on the door latch is undamaged.

27 Maneuver the latch assembly into position. Install the bolts, but don't tighten them at this stage.

28 Force the latch fully into the corner of the door frame. The latch seal must fully contact the door frame to prevent water entering. Tighten the retaining bolts securely.

29 Reconnect the release cable and electrical connectors to the latch.

30 Clip the latch-button control rod and interior release cable into place on the latch.

31 On the driver's door, install the lock cylinder (see Steps 39 and 40).

32 Install the window regulator assembly (see [Section 14](#) ).

33 Do not close the door until the operation of the latch has been reset and checked as follows:

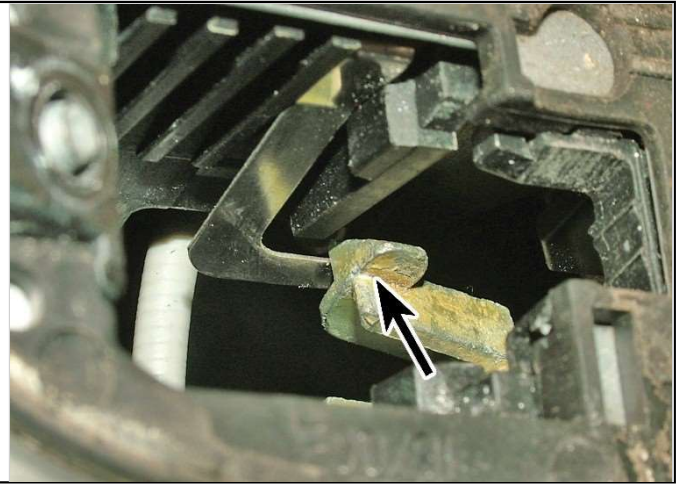
- A. With the door open, use a screwdriver to close the door latch by pushing in the latch lever.
- B. With the door open, use the key and unlock the door.
- C. With the door open, use the outside handle and open the latch.

### Front door exterior handle

34 Ensure that the latch lever is positioned as shown (see illustration) . If not, pull the lever outwards until it engages with the retaining clip.



**13.34 Position the latch lever so the retaining clip holds it outward**



35 Insert the front of the handle into the corresponding hole in the door, followed by the rear of the handle. Hold the handle gently against the door and push it forward until it clicks into place.

36 If installing the driver's door handle, install the lock cylinder (see Steps 39 and 40) . If installing the passenger's handle, fit the outer handle rear cover into place, and tighten the retaining bolt securely. Install the grommet to the door end panel.

37 Do not close the door until the operation of the latch has been reset and checked (see Step 33).

## Front door lock cylinder

38 If separated, clip the plastic cover back onto the cylinder.

39 Lubricate the outside of the lock cylinder with a suitable grease.

40 Install the lock cylinder into the door latch, and tighten the retaining bolt securely. Install the plastic grommet into the door end panel. Do not close the door until the operation of the latch has been reset and checked (see Step 33).

## Rear door latch

41 Ensure that the seal on the door latch is undamaged.

42 Maneuver the latch assembly into position. Install the bolts, but don't tighten them at this stage.

43 Force the latch fully into the corner of the door frame. The latch seal must fully contact the door frame to prevent water entering. Tighten the retaining bolts securely.

44 Reconnect the release cable and electrical connectors to the latch.

45 Clip the latch button control rod into place on the latch.



**46 Do not close the door until the operation of the latch has been reset and checked (see Step 33).**

**47 Reseal the plastic watershield to the door. Install the trim panel (see [Section 12](#)).**

## **Rear door exterior handle**

**48 Ensure that the lock lever is positioned as shown in [illustration 13.34](#) . If not, pull the lever outwards until it engages with the retaining clip.**

**49 Insert the front of the handle into the corresponding hole in the door, followed by the rear of the handle. Hold the handle gently against the door and push it forward until it clicks into place.**

**50 Install the outer handle rear cover into place, and tighten the retaining bolt securely. Install the grommet on the door end panel.**

**51 Do not close the door until the operation of the latch has been set up and checked (see Step 33).**

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