



**Haynes**  
shows you how

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

## 12 Audio unit and speakers - removal and installation

### Note:

This Section applies to the range of audio units which BMW installs as standard equipment. Removal and installation procedures of non-standard units will differ slightly.

### Instrument panel-mounted unit

#### E-series chassis models

1 Using a blunt, flat-bladed tool, carefully pry the decorative trim from the passenger's side of the instrument panel (see illustrations) . Disconnect any electrical connectors as the trim is removed. Replace any damaged trim clips.

#### 12.1a Carefully pry the decorative trim . . .



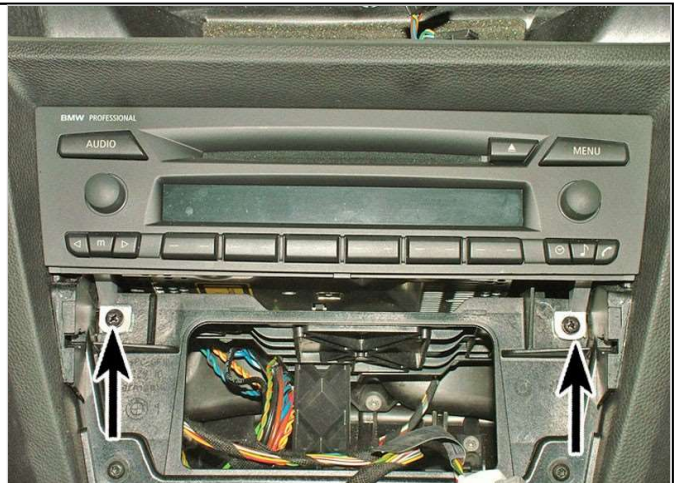
### 12.1b . . . from the passenger's side of the instrument panel



2 Remove the heater/air conditioning/climate control panel (see [Chapter 3](#)).

3 Remove the mounting bolts and pull the unit slightly from the instrument panel (see illustration) .

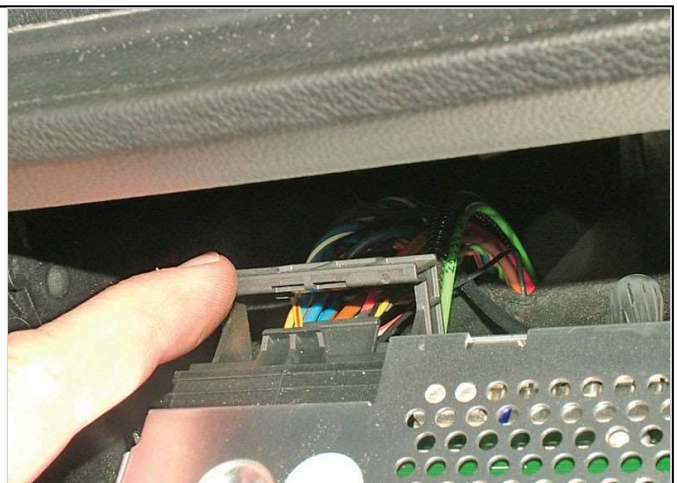
### 12.3 Audio unit retaining bolts



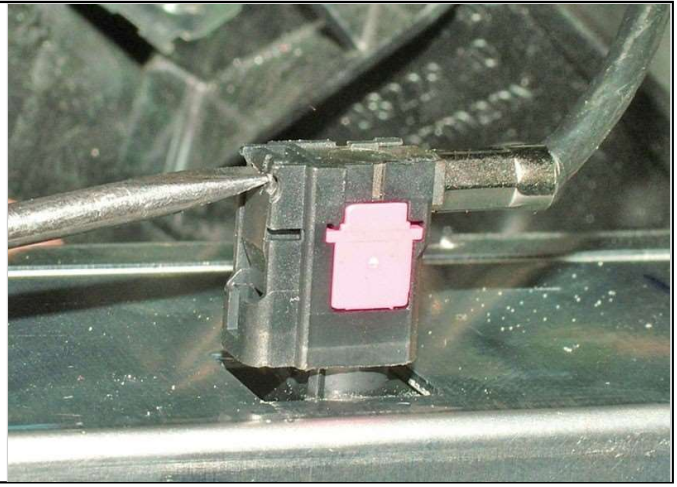
4 Noting their installed positions, disconnect the electrical connectors from the rear of the unit (slide out the locking element on the main plug) (see illustrations) .

### 12.4a Pry up the locking catch and disconnect the main electrical connector .

..



### 12.4b . . . followed by the antenna connection



5 Installation is the reverse of removal.

## F-series chassis models

6 Using a trim tool, pry out the decorative center trim panel and vents from the face of the instrument panel, disconnecting any electrical connectors as the trim panel is removed.

### Note:

The trim panel is long - it covers the full face of the instrument panel - be sure to disengage all the fasteners before trying to remove the panel.

7 Using a thin plastic trim tool, carefully pry out the small cover just below heater and air conditioning controller, then disconnect the electrical connector for the light to the panel.

8 Remove the four mounting screws and pull the radio/heater/air conditioning controller forward until the electrical connectors can be disconnected, then remove the unit.

9 Remove the radio controller mounting screws and separate the units.

10 Installation is the reverse of removal.

## CD changer

## E-series chassis models

11 Disconnect the negative battery cable (see [Chapter 5](#) ).

12 Remove the left-hand side trunk compartment trim panel (see [Chapter 11](#) ).

13 Remove the mounting bolts, and lift the unit from position. Disconnect the electrical connectors as the unit is withdrawn.

14 Installation is the reverse of removal.

## F-series chassis models

15 Remove the radio/heater/air conditioning controller (see Steps 6 through 10)

16 Remove the CD changer mounting screws, pull forward until the electrical connectors can be disconnected, then remove the unit from the instrument panel.

17 Installation is the reverse of removal.

## Amplifier

18 Disconnect the negative battery cable (see [Chapter 5](#) ).

19 The amplifier (where equipped) is located behind the left-hand side trunk compartment trim panel. Open the flap and lift out the storage tray.

20 Disconnect the amplifier electrical connectors, remove the retaining bolts and remove the unit. Note that on Sedan models, the amplifier is located below the CD changer (where equipped).

21 Installation is the reverse of removal.

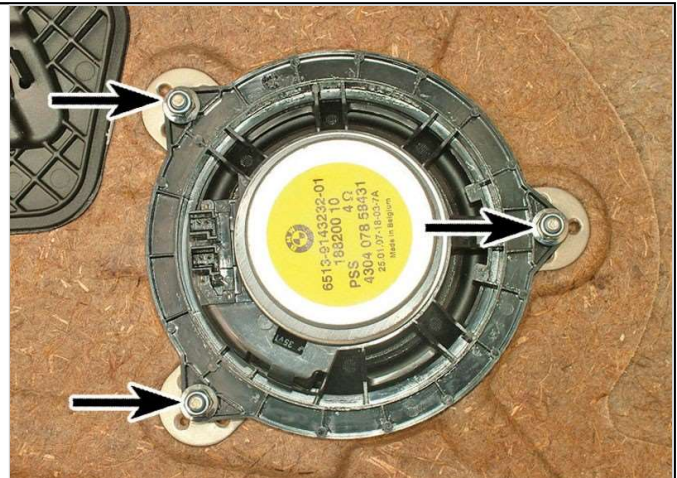
## Speakers

### Door panel speaker(s)

22 Remove the door inner trim panel (see [Chapter 11](#) ).

23 Unscrew the mounting nuts and remove the speaker from the door trim (see illustration) .

#### 12.23 Door speaker retaining nut locations





24 Where installed, unscrew the large retaining collar and remove the small speaker from the trim panel.

25 Installation is the reverse of removal.

## Door upper speaker

26 Remove the door inner trim panel (see [Chapter 11](#) ).

27 Carefully unclip the plastic panel from the front inner edge of the door.

28 Remove the foam wedge from the door frame.

29 Disconnect the speaker electrical connector, release the catches and remove the speaker.

30 Installation is the reverse of removal.

## Instrument panel speaker

31 Carefully pry up the speaker grille from the instrument panel (see illustration) .

**12.31 Pry up the instrument panel speaker grille**



32 Remove the retaining bolts, pull the speaker out, and disconnect the electrical connector.

33 Installation is the reverse of removal.

## Rear speaker

34 Carefully pry the speaker grille out from the rear package tray (see illustration) .

### 12.34 Pry up the rear package tray speaker grille



35 Remove the retaining bolts and lift the speaker (see illustration) . Disconnect the electrical connector as the speaker is withdrawn.

### 12.35 Remove the speaker retaining bolts



36 Installation is the reverse of removal.

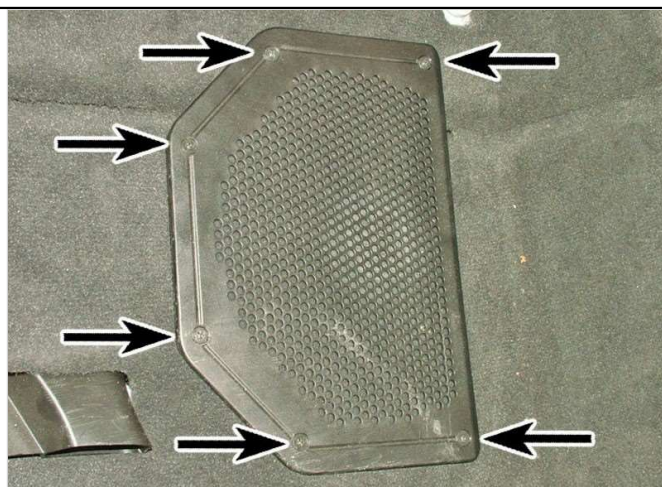
## Floor speakers

37 The floor speakers are located under the front seats. Remove the relevant front seat (see [Chapter 11](#) ).

38 Pull the front door sill trim panel upward to release the retaining clips.

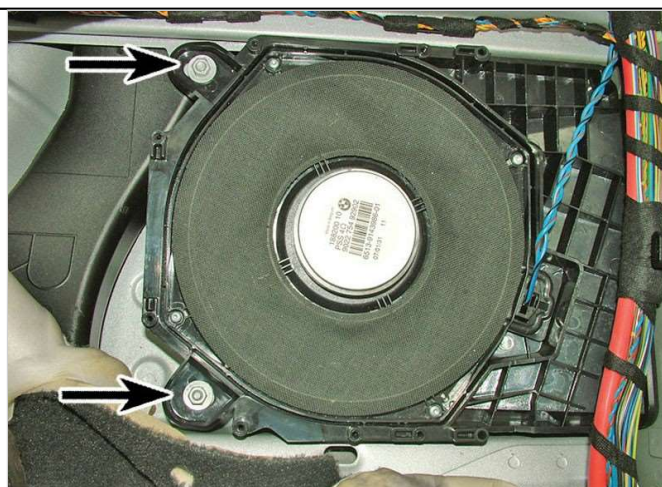
39 Remove the mounting bolts and remove the speaker grille (see illustration) .

### 12.39 Remove the bolts and the speaker grille



40 Fold back the carpet, disconnect the electrical connector, remove the mounting nuts and lift out the speaker assembly (see illustration) .

### 12.40 Speaker assembly retaining nut locations



41 If required, remove the bolts and detach the speaker from the housing.

42 Installation is the reverse of removal. Pry the retaining clips from the door sill and attach them to the sill trim panel prior to installation.