

# 513 Interior Trim

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## GENERAL

This repair group covers basic interior trim removal and installation. For removal and installation of interior switches, including interior lighting, see **612 Switches and Electrical Accessories**.

### WARNING —

Most of cars covered by this manual are equipped with a Supplemental Restraint System (SRS) that automatically deploys an airbag(s). The airbag unit(s) uses a pyrotechnic device to electrically ignite a powerful gas. Before performing any work involving the steering wheel or interior trim in the vicinity of the airbag(s), disconnect the negative (–) battery cable and the orange SRS connector as described in **721 Airbag System (SRS)**. Performing repairs without disconnecting the SRS orange connector may cause serious personal injury or death.

## Center console, removing and installing

1. On cars with SRS airbag, disconnect negative (–) cable from battery and cover battery terminal with insulating material. Disconnect orange SRS connector on steering column as described in **721 Airbag System (SRS)**.

### WARNING —

SRS is complex and dangerous. Special precautions must be observed when servicing cars equipped with SRS. Serious injury may result if system service is attempted by persons unfamiliar with the BMW SRS and its approved service procedures.

2. Remove lower instrument panel trim from below steering column. See **Lower instrument panel trim, removing and installing**.
3. Remove rear seat center ashtray or cigarette lighter cover, disconnect wiring harness and remove console mounting screws. See Fig. 1.
4. Remove cassette tape box from center console and disconnect harness connectors, if applicable.
5. Unclip and peel back dust boot at parking brake lever. Remove console mounting screws and remove rear center console section. See Fig. 2.



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Fig. 1. Center console mounting screws at rear of console (arrows).



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Fig. 2. Center console mounting screws at front of console (arrows). Parking brake dust boot partially removed to access screw.

6. Remove center console mounting bolt below parking lever. See Fig. 3.
7. Remove knob and dust boot from shift lever (man. trans.) or selector lever (auto. trans.). Lift out shift lever/selector lever cover from top of center console. See **250 Gearshift Linkage**.

GENERAL

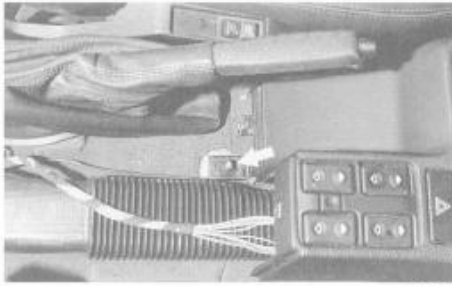


Fig. 3. Center console mounting bolt (arrow).

8. Pry out emergency flasher and window switch from center console. Disconnect harness connector from switches.
9. Remove radio from center console. See **650 Radio**.
10. On 1991 and later cars, carefully pry off plastic trim panels on either side of heater control/radio trim panel. Remove screws from panel. See Fig. 4.



Fig. 4. Plastic trim panel being removed (1991 and later cars only). Trim panel mounting screws shown at arrows.

11. Carefully pry out recirculation/air conditioning/rear defogger push button unit in left side of heater control panel.
12. Pry out heater control unit just far enough to disconnect connectors and cables from back of unit. See **640 Heating and Air Conditioning**. Remove heater control panel. See Fig. 5.
13. Remove carpeted trim panel from left and right sides of center console. Remove center console mounting screws at left and right sides. See Fig. 6.

#### GENERAL



Fig. 5. Remove heater control panel by prying out from left side (arrow).

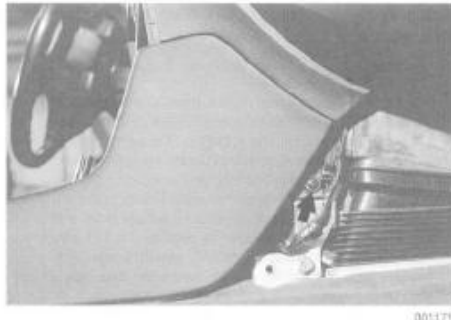


Fig. 6. Center console mounting screw on right side of console (arrow). Also remove screw on left side.

14. Separate center console from right side and remove console.

#### NOTE —

On cars equipped with automatic transmission, place selector lever in Drive before removing console.

15. Installation is the reverse of removal.

### Instrument panel, removing and installing

It may be helpful to label wires and connectors during the removal procedure as an aid for installation.

1. Disconnect negative (-) cable from battery and cover battery terminal with insulating material.
2. On cars with SRS Airbag, remove driver's side airbag from steering wheel and passenger's side airbag from instrument panel, as applicable. See **721 Airbag System (SRS)**.
3. Remove steering wheel. See **320 Steering and Wheel Alignment**.

**WARNING—**

*SRS is complex and dangerous. Special precautions must be observed when servicing cars equipped with SRS. Serious injury may result if system service is attempted by persons unfamiliar with the BMW SRS and its approved service procedures.*

4. Remove center console. See **Center console, removing and installing**.
5. Remove glove box. See **Glove box, removing and installing**.
6. Remove panel from above glove compartment.
7. Remove instrument cluster. See **620 Instrument Panel**.
8. On cars with SRS Airbag, remove knee bolster (reinforcement) panel from lower left side of instrument panel.
9. Remove screws from top of center air grille in top of instrument panel. Lift out grille.
10. Remove instrument panel mounting screws. See Fig. 7.



**Fig. 7.** Instrument panel mounting screws (arrows).

11. Peel back door seals on left and right sides in area of A-pillar. Lift off A-pillar trim panels from left and right sides. See Fig. 8.
12. Remove mounting screws from lower corners of A-pillars. See Fig. 9.
13. Remove mounting bolts from underneath left and right sides of instrument panel. See Fig. 10.

**NOTE—**

- Wire ties may need to be cut and main harnesses moved out of the way to access the lower instrument panel trim mounting bolts on the left side.
- Disconnect connectors for door mounted loudspeaker, if necessary.

14. Slowly lift instrument panel up and out, disconnecting harness connectors and cutting wire ties as necessary.



**Fig. 8.** A-pillar interior trim panel shown removed.



**Fig. 9.** Instrument panel mounting screw (arrow) in left side A-pillar.



**Fig. 10.** Mounting bolt at lower right side of instrument panel.

15. Installation is the reverse of removal. Make sure instrument panel engages retaining clips at lower edge of windshield. Check that the fresh air flap is not obstructed when lowering the panel into position.

GENERAL

## 513-4 INTERIOR TRIM

### Glove box, removing and installing

1. Open glove box and disconnect support straps from left and right sides of glove box. See Fig. 11.

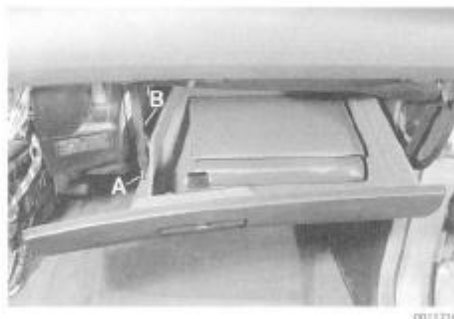


Fig. 11. Glove box support strap (B) and strap retaining clip (A).

2. Working from underneath glove box, unlock left and right pivot clamps from left and right corners of glove box.
3. Lift out glove box.
4. Installation is reverse of removal. Close glove box and adjust fit before closing pivot clamps.

### Lower instrument panel trim, removing and installing

1. On cars with SRS airbag, disconnect negative (-) cable from battery and cover battery terminal with insulating material. Disconnect orange SRS connector on steering column as described in 721 Airbag System (SRS).

#### **WARNING —**

*SRS is complex and dangerous. Special precautions must be observed when servicing cars equipped with SRS. Serious injury may result if system service is attempted by persons unfamiliar with the BMW SRS and its approved service procedures.*

2. On cars with SRS airbag, remove trim covers from left and right side of steering column and remove screws from behind covers. See Fig. 12.
3. On cars without SRS airbag, remove screw concealing caps and remove screws securing lower instrument panel trim.
4. Lower and then lift off lower instrument panel trim.
5. Installation is reverse of removal.



Fig. 12. Lower instrument panel trim cover being removed on cars with SRS airbag. Pry cover out of clip (arrow), then slide cover outwards toward left.

### Pedal cluster trim panel, removing and installing

The pedal cluster trim panel is mounted above the pedal cluster and behind the lower instrument panel trim.

1. Remove carpeted trim panel from driver's side of center console.
2. Remove pedal cluster trim panel mounting screw and retainers. See Fig. 13.



Fig. 13. Pedal cluster trim panel retaining clips (turn 90° to release) and mounting screw (arrows). Retaining hook is located at A.

3. Partially pull trim panel down and disconnect harness connectors from chime module.
4. Unhook trim panel from center console at right side and remove.
5. Installation is the reverse of removal. Make sure ventilation duct work is properly connected when installing the panel into position.

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