

513 Interior Trim

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GENERAL

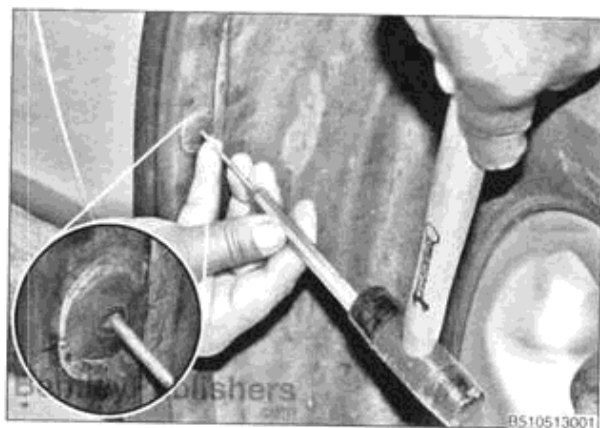
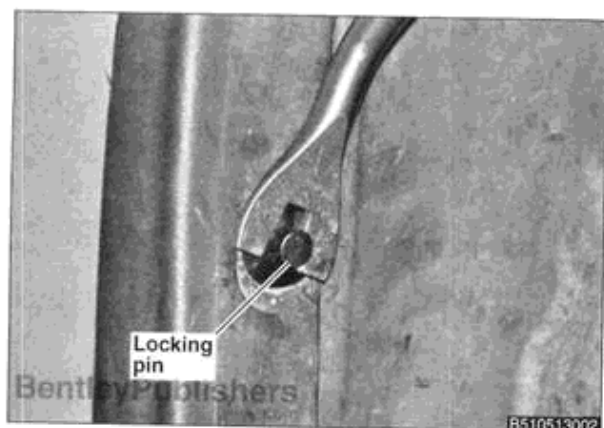
This repair group covers interior trim removal and installation.

See also:

- **411 Doors** for interior door trim panel removal
- **520 Seats** for rear side bolster removal
- **612 Switches**
- **620 Instruments**
- **640 Heating and Air-conditioning**
- **650 Radio**
- **721 Airbag System (SRS)** for passenger airbag

513-2 Interior Trim

Trim clips



Trim clips

Interior trim and finish panels are clipped or screwed into place. When removing trim that is held in place with clips, be sure to have spare clips (also known as plastic rivets) on hand before beginning the job.

Many trim clips may be reused if removed correctly:

- Carefully pry out center locking pin.
- Lever out clip using removal tool.

Other trim retaining clips are designed to be used only once:

- Use thin pin punch to drive in headless pin (**inset**) in center of clip.
- Lever out clip using removal tool.

Warnings and Cautions

WARNING—

- Serious injury may result if airbag system service is attempted by persons unfamiliar with the BMW SRS and its approved service procedures.
- Before performing any work involving airbags, disconnect the negative (-) battery cable. See **721 Airbag System (SRS)**.
- BMW airbags are equipped with a back-up power supply inside the airbag control module. Observe a 5 second waiting period after disconnecting the battery cable to allow the reserve power supply to discharge.

CAUTION—

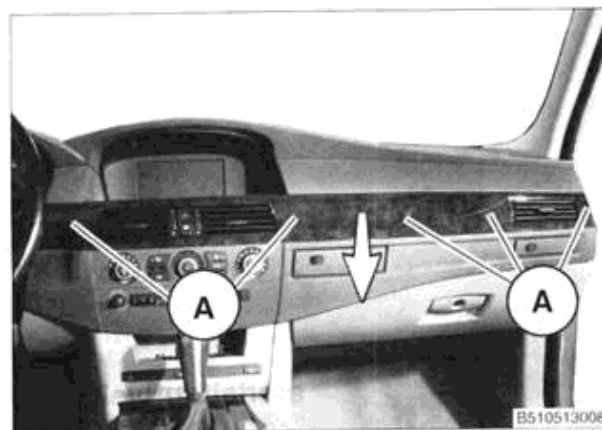
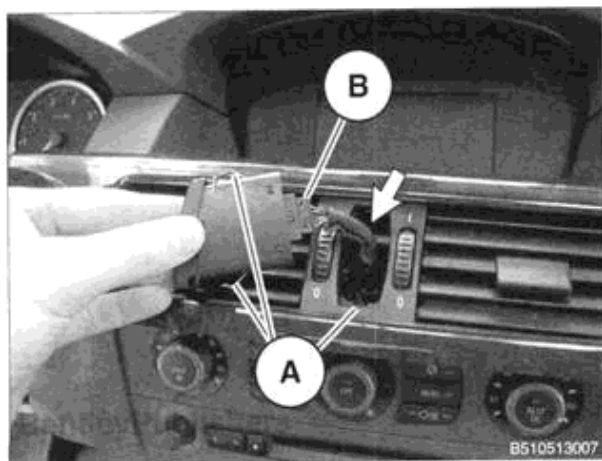
- When working on electrical switches or lights, disconnect the negative (-) battery cable and insulate the cable end to prevent accidental reconnection.
- Prior to disconnecting the battery, read the battery disconnection cautions given in **001 Warnings and Cautions**.
- To prevent marring the trim, work with a plastic prying tool or wrap a screwdriver tip with masking tape before prying out trim panels, switches or electrical accessories.

DASHBOARD

Right dashboard trim strip, removing and installing

- Using a plastic prying tool, release hazard warning switch retaining tabs (A) and pull switch out of dashboard. Disconnect electrical connector (B) and remove switch.

- Remove trim strip fastener (arrow) if equipped.



- Starting at outside of trim strip, pry in areas (A) using a plastic prying tool and remove in direction of arrow.

CAUTION—

- Do not twist prying tool during removal of trim panel.

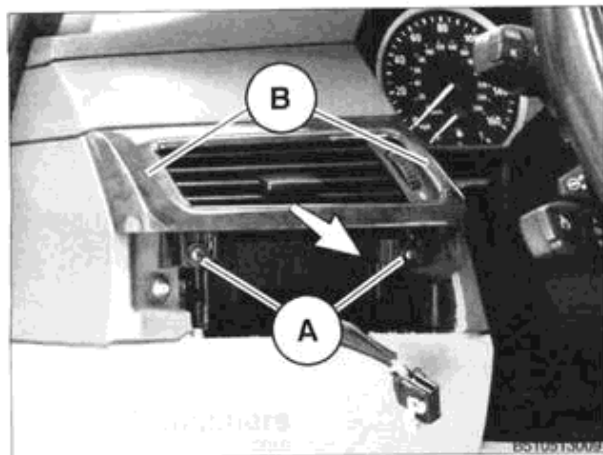
- Installation is reverse of removal. Replace missing or damaged trim panel clips.

Left dashboard trim strip, removing and installing

- Remove headlight switch. See 612 Switches.

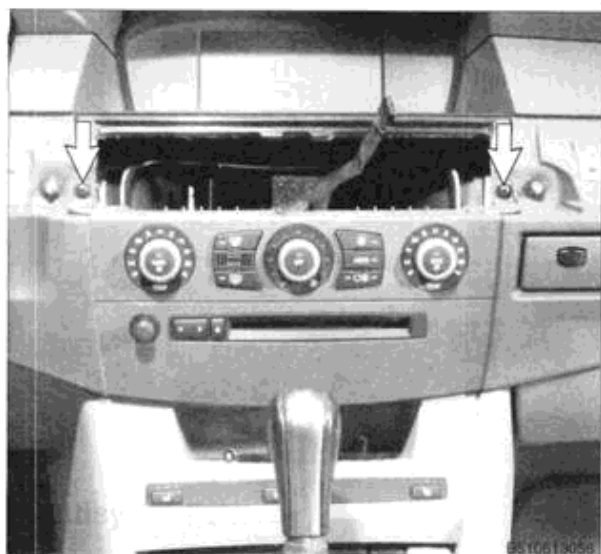
- Remove trim strip fasteners (A). Using plastic prying tool, unclip trim strip in area B and remove in direction of arrow.

- Installation is reverse of removal. Replace missing or damaged trim panel clips.



513-4 Interior Trim

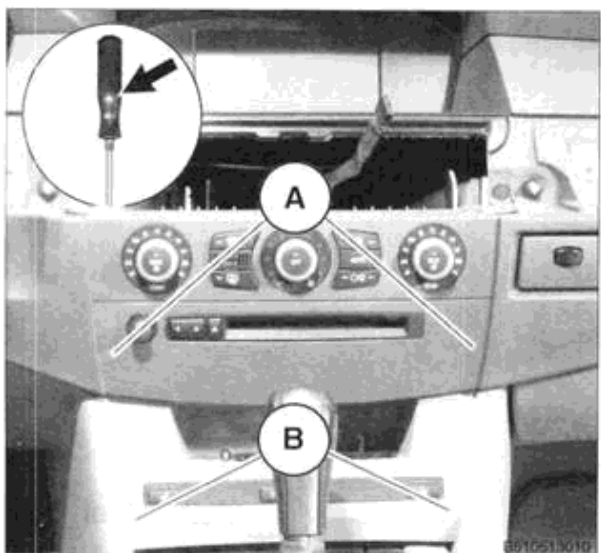
Center dashboard trim panel, removing and installing



Center dashboard trim panel, removing and installing

- Remove right dashboard trim strip. See **Right dashboard trim strip, removing and installing** in this repair group.

- Remove trim panel fasteners (arrows).



- Insert 180 mm (7 in) flat blade screwdriver (inset) behind trim panel and release clips in area A.

- Using a plastic prying tool, release clips in area B and pull back trim panel.

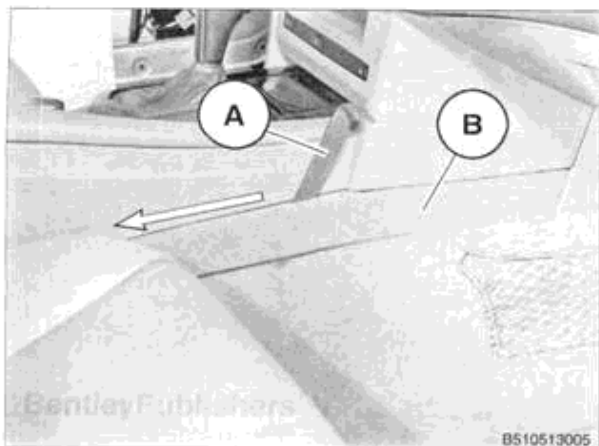
- Disconnect electrical connectors and remove trim panel.

- Installation is reverse of removal. Replace missing or damaged trim panel clips.

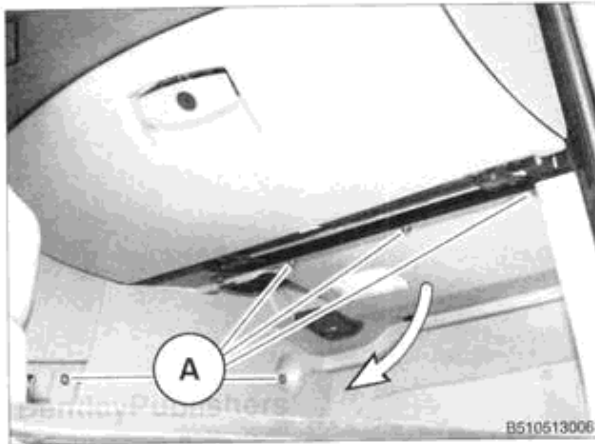
Right lower dashboard trim, removing and installing

- Move passenger seat all the way back.

- Using plastic prying tool (A), slide trim panel (B) towards rear of vehicle (arrow) and unclip.

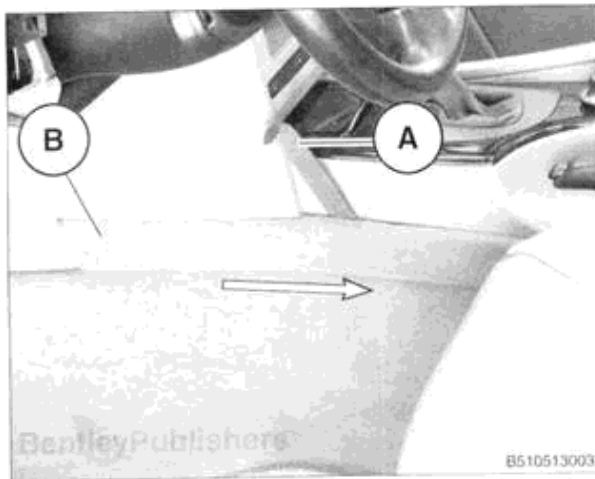


Left lower dashboard trim, removing and installing

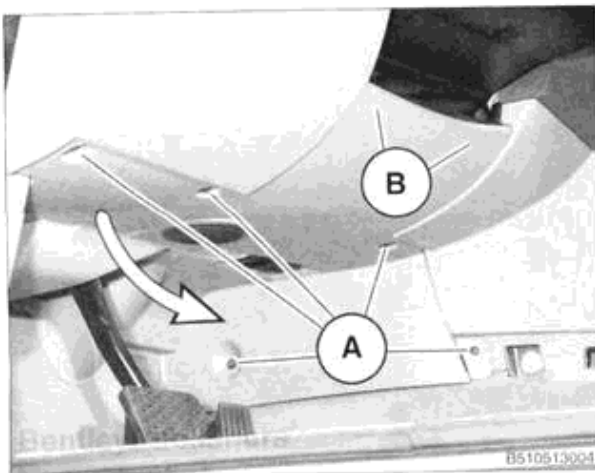


- Remove trim panel fasteners (A) and lower trim panel in direction of arrow.
- Disconnect footwell light electrical connector if equipped.
- Remove trim panel.
- Installation is reverse of removal.

Left lower dashboard trim, removing and installing



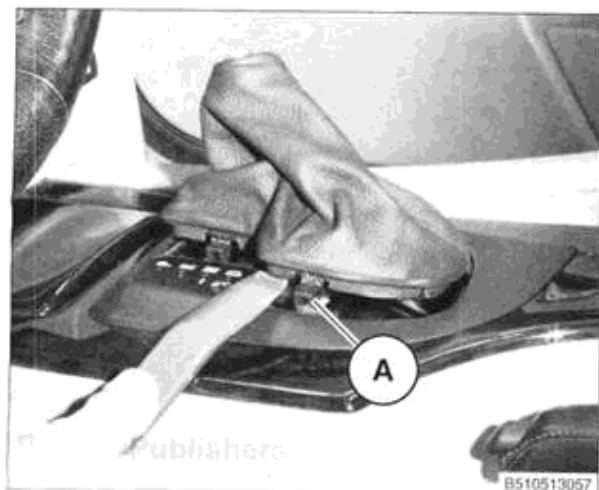
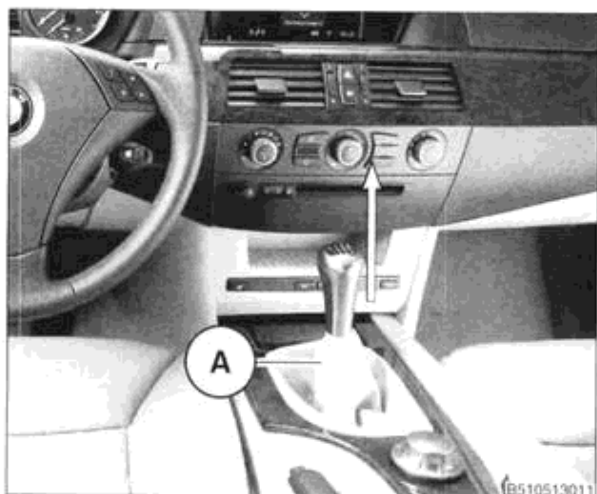
- Move driver seat all the way back.
- Using plastic prying tool (A), slide trim panel (B) towards rear (arrow) of vehicle and unclip.



- Remove trim panel fasteners (A). Using plastic prying tool disconnect clips in area (B) and partially lower trim panel in direction of arrow.
- Lower trim panel and disconnect fiber optic programming connector (if equipped) and footwell light electrical connector.
- Remove trim panel.
- Installation is reverse of removal.

513-6 Interior Trim

Center console, removing and installing



CENTER CONSOLE

Center console, removing and installing

- Remove iDrive control knob. See 612 Switches.

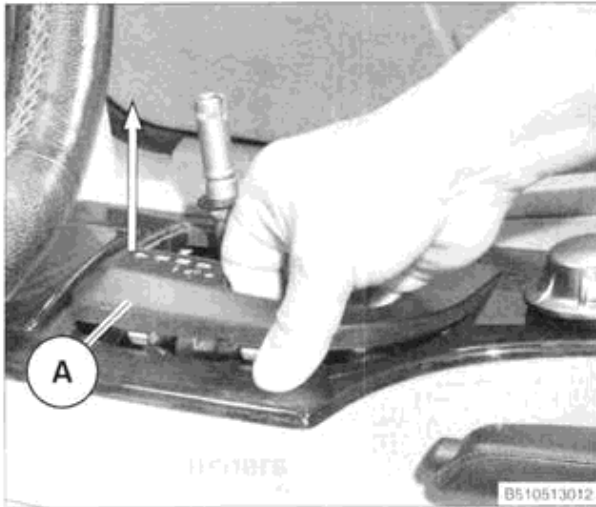
Manual transmission: Pull gearshift knob straight up (**arrow**) to remove. It may require up to 90 lbs. of force to do this. Remove shift boot by grasping boot material (**A**) and pulling up to release tabs. Be careful not to break retaining tabs.

Automatic transmission: Pull gearshift knob straight up (**arrow**) to remove. It may require up to 90 lbs. of force to do this.

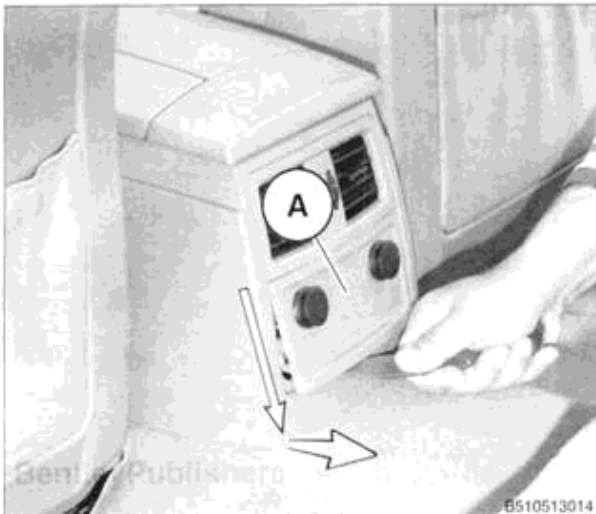
CAUTION—

- Automatic transmissions for 2008 - 2009 models (starting with 03 / 2007 production) are equipped with gear selector switch (GWS) instead of a shift lever. The procedure given here for gearshift knob removal does not apply.
- Some versions of shift boot and knob are one piece. Release boot from console before removing knob.
- To prevent damage to shift knob locating tabs, do not twist while removing.

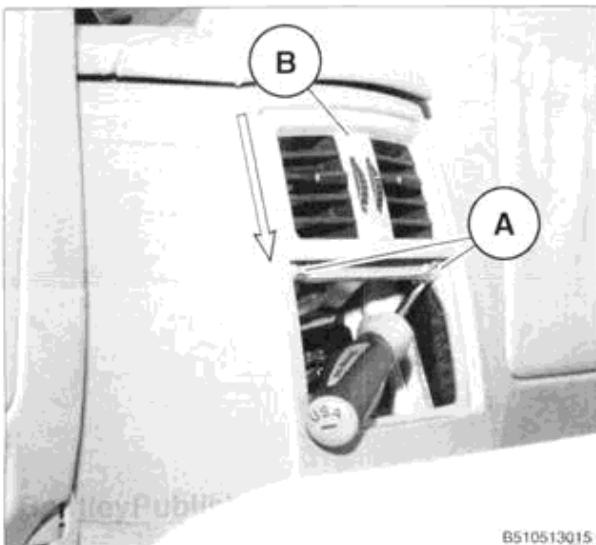
Automatic transmission: Using a plastic prying tool, lever and lift out shift boot. Be careful not to break retaining tabs (**A**).



- Automatic transmission: Grasp and pull out trim piece (A). Disconnect electrical connectors and remove in direction of **arrow**.



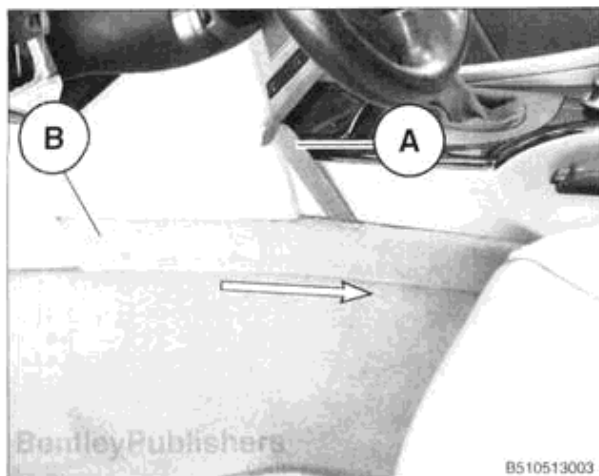
- Using a plastic prying tool unclip and remove rear center console insert (A) in direction of **arrows**. Disconnect electrical connectors, if equipped.



- Using a flat blade screwdriver, detach clips (A). Unclip and remove vent (B) in direction of **arrow**. If equipped, disconnect electrical connectors.

513-8 Interior Trim

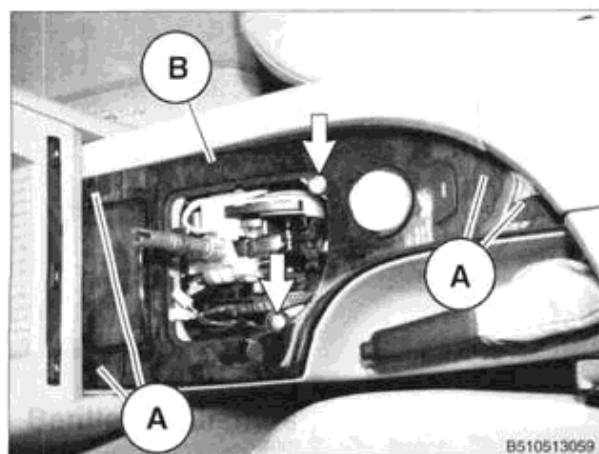
Center console, removing and installing



- ◀ Using plastic prying tool, slide trim panel (A) towards rear (arrow) of vehicle and unclip. Left side shown; right side is similar.



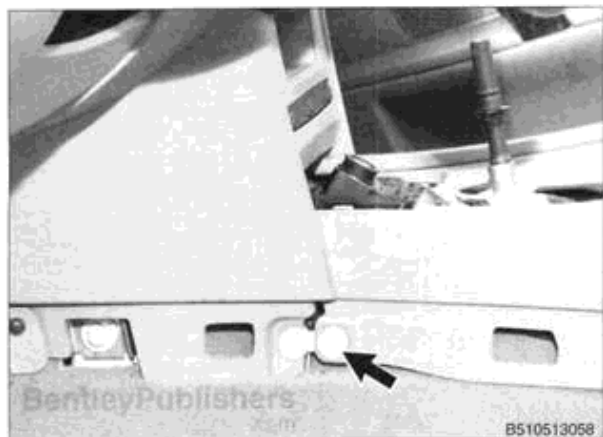
- ◀ Working at rear of center console, remove fasteners (arrows).



- ◀ Working at front of center console:
- Remove fasteners (arrows).
 - Remove ashtray insert.
 - Using a plastic prying tool, lever trim (B) in areas A up enough to disconnect iDrive menu button electrical connector.
 - Remove trim (B).

Interior Trim 513-9

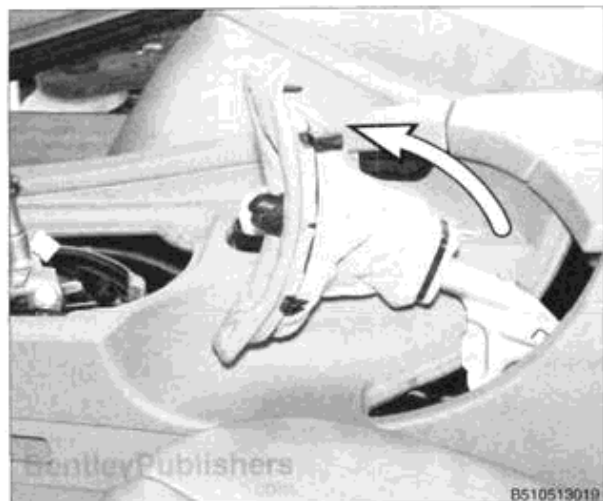
Center console, removing and installing



- ◀ Working at side of center console, remove fastener (**arrow**). Repeat procedure for right side.



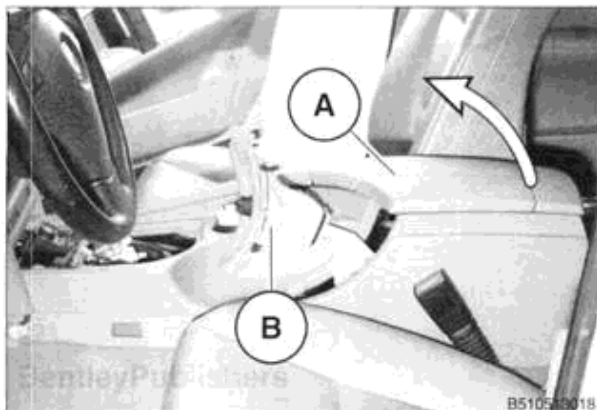
- ◀ Working at front of center console, remove fasteners (**arrows**) if equipped.



- ◀ Pull parking brake handle boot (**arrow**) over handle.

513-10 Interior Trim

Glove compartment, removing and installing



➤ Raise center console (A) at rear in direction of **arrow** while feeding parking brake lever boot (B) through opening. Disconnect electrical connectors and remove center console (A).

— Installation is reverse of removal. Remember to:

- Connect electrical connectors.
- Connect air ducts.
- Replace any damaged panel clips.

GLOVE COMPARTMENT

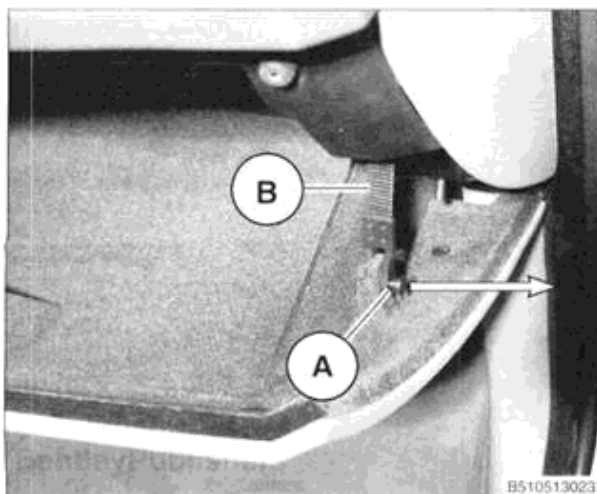
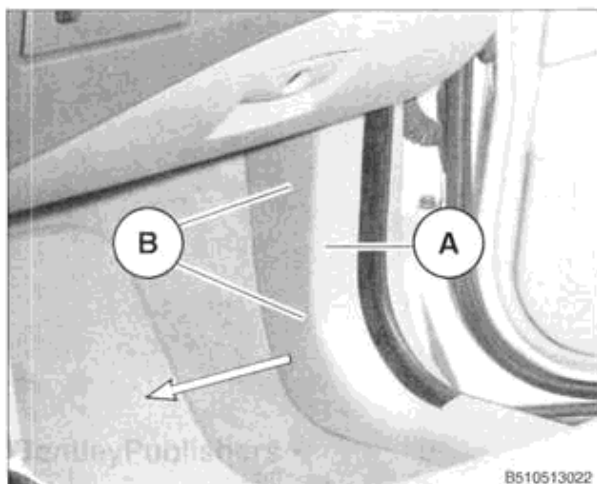
Glove compartment, removing and installing

— Remove door sill trim. See **Door sill trim, removing** in this repair group.

➤ Unclip right side kick panel trim (A) from retaining points (B) in direction of **arrow** and remove.

— Remove right lower dashboard trim. See **Right lower dashboard trim, removing and installing** in this repair group.

— Open glove compartment.

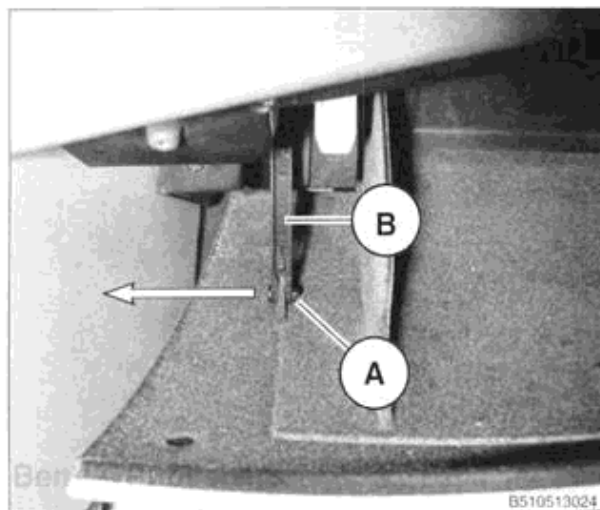


➤ Working on right side of glove compartment, remove pin (A) for retaining strap (B) and disconnect.

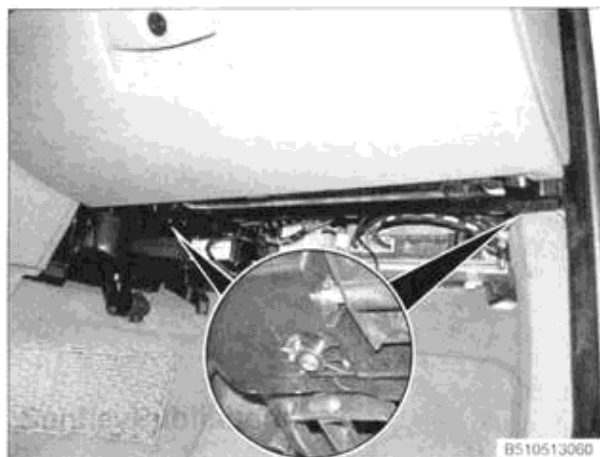
Interior Trim 513-11

Glove compartment, removing and installing

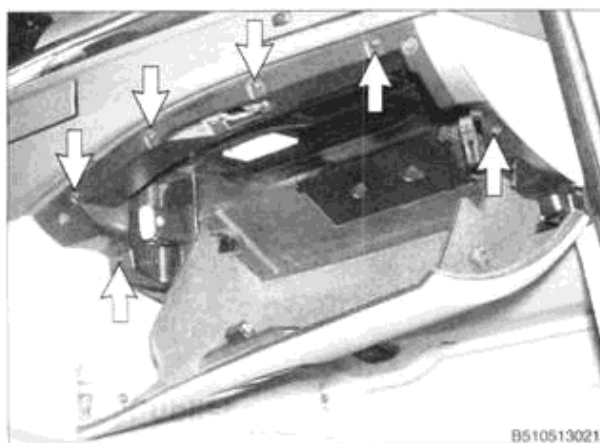
- ◀ Working on left side of glove compartment, remove pin (A) for shock absorber (B) and disconnect.



- ◀ Working below glove compartment, remove fasteners (inset).

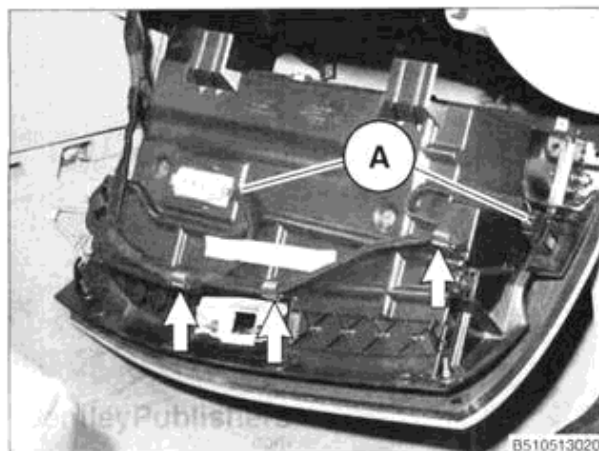


- ◀ Remove fasteners (arrows) and pull glove compartment out slightly.



513-12 Interior Trim

Steering column front trim, removing and installing



➤ Disconnect electrical connectors (**A**), remove harness from clips (**arrows**). Remove glove compartment.

— Installation is reverse of removal. Remember to:

- Connect electrical connectors.
- Replace any damaged panel clips.

COVERS AND TRIM PANELS

Steering column front trim, removing and installing

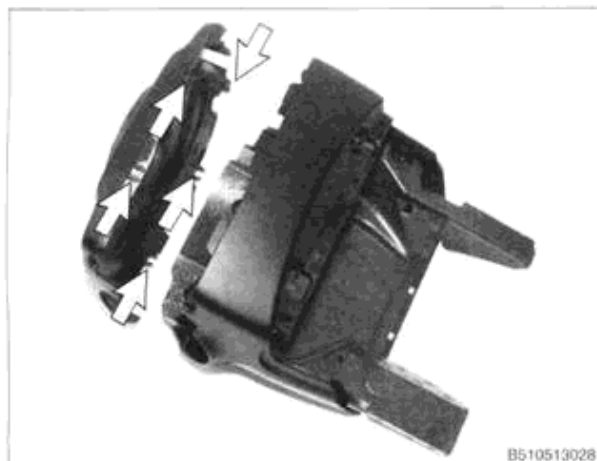
— Adjust steering column to fully extended and raised position.

— Remove steering wheel. See **320 Steering and Wheel Alignment**.

➤ Remove front trim by pulling toward rear of vehicle (**arrows**).

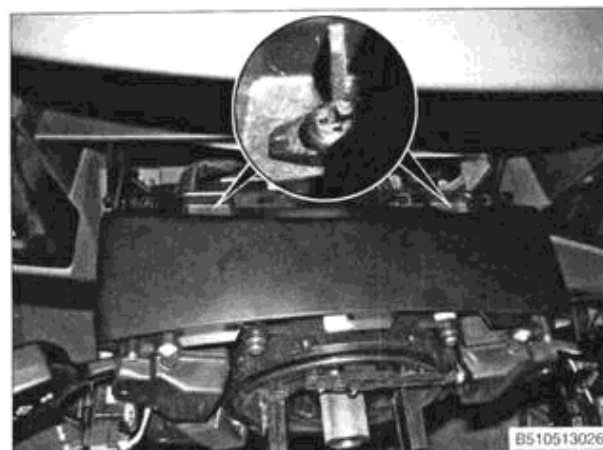
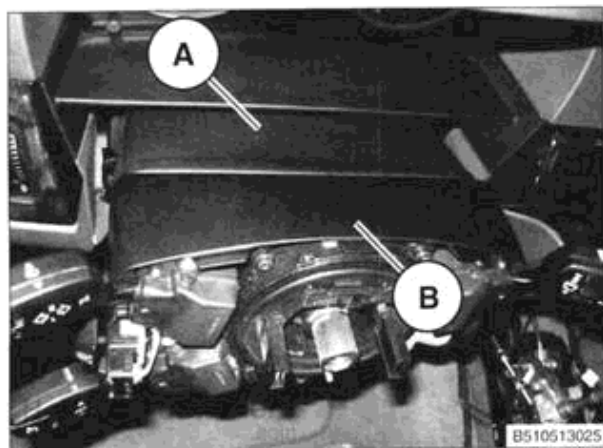


➤ Installation is reverse of removal. Check that panel clips (**arrows**) engage properly.

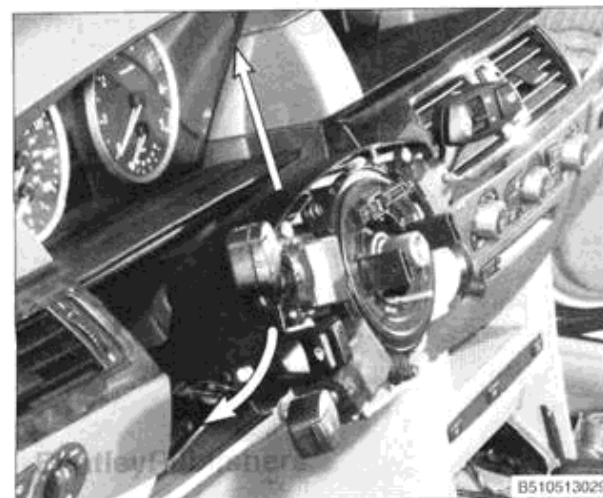


Steering column upper trim, removing and installing

- Remove steering column lower trim. See **Steering column lower trim, removing and installing** in this repair group.
- Adjust steering column to fully extended and lowered position.
- Using a plastic prying tool, unclip steering column cover trim (A) from upper cover (B).



- Remove upper trim fasteners (inset).



- Remove by bending sides of upper trim out (curved arrow) and lifting up (arrow).
- Installation is reverse of removal.

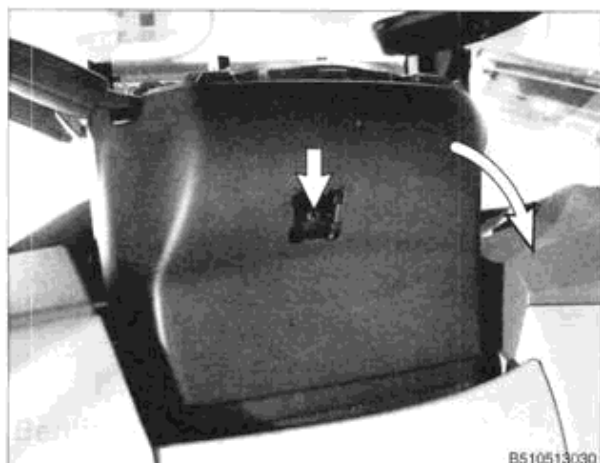
513-14 Interior Trim

Steering column lower trim, removing and installing

Steering column lower trim, removing and installing

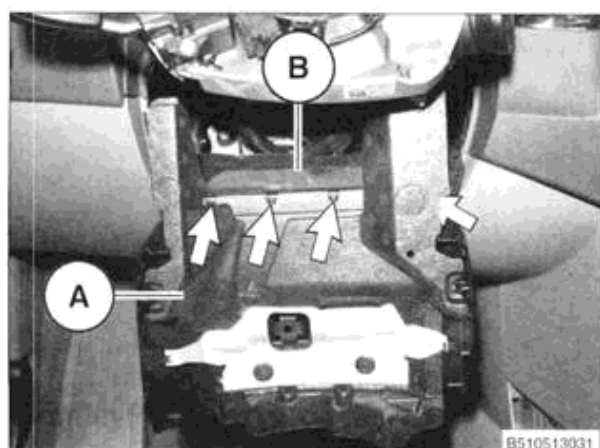
- Remove steering column front trim. See **Steering column lower trim, removing and installing** in this repair group.

- Remove trim fastener (arrow). Unclip and lower trim in direction of curved arrow.



- Tilt steering column trim (A) down and unclip (arrows) from cover (B).

- Remove lower trim.

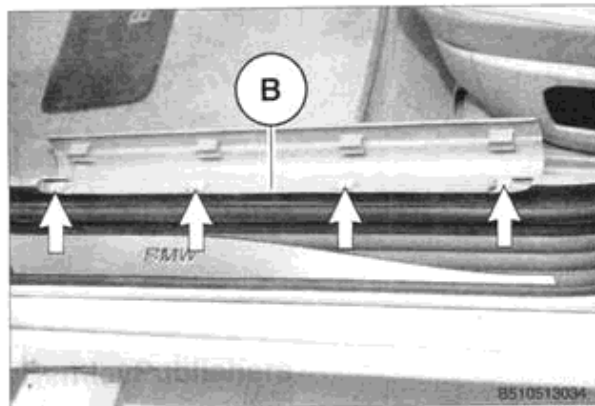
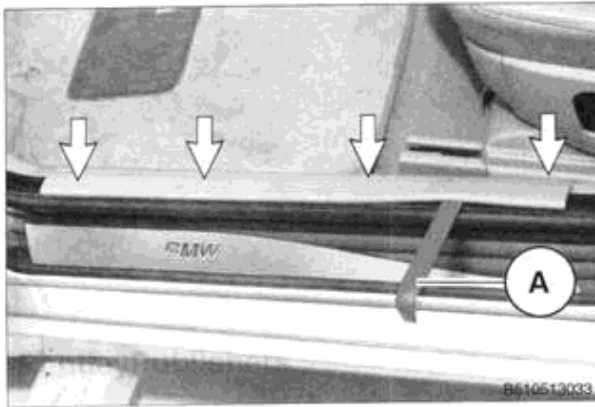


- Installation is reverse of removal. Check that panel clips (arrows) engage properly.



Door sill trim, removing

- Using a plastic prying tool (A) unclip door sill trim clips (arrows) starting at rear.



- Remove panel clips (arrows) left in floor panel (B) after trim panel removal if necessary.

— Installation is reverse of removal. Replace any damaged panel clips.

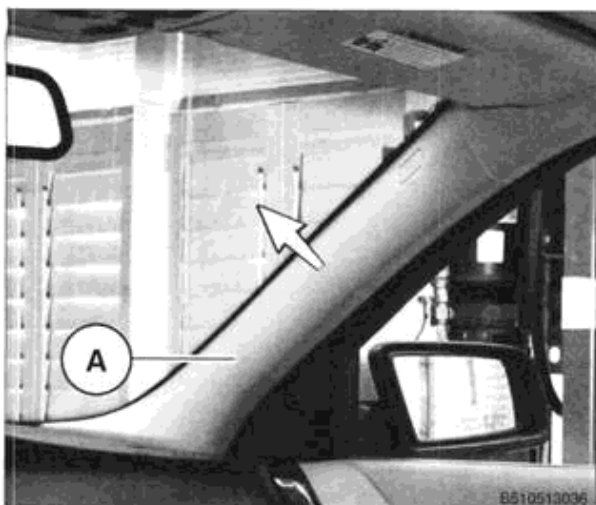
A-pillar trim, removing and installing

- Using plastic trim tool remove cover (arrow) then remove fastener beneath it.



513-16 Interior Trim

B-pillar trim, removing and installing



➤ Release door seal from A-pillar trim.

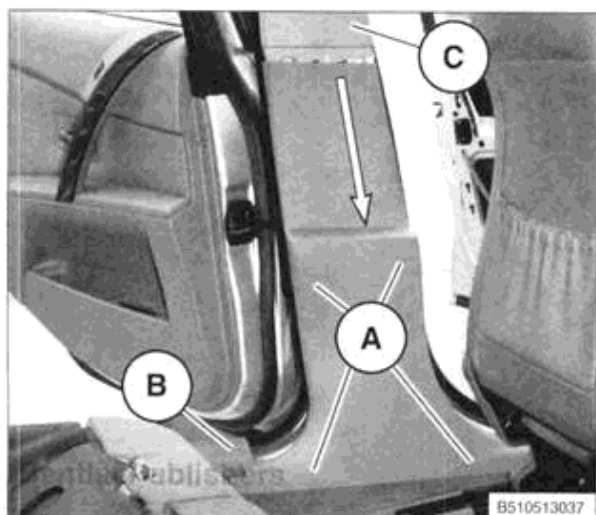
- Unclip trim from A-pillar in area **A** and remove out of dashboard in direction of **arrow**.
- Installation is reverse of removal. Replace any damaged panel clips

B-pillar trim, removing and installing

- Remove driver door sill trim. See **Door sill trim, removing and installing** in this repair group.

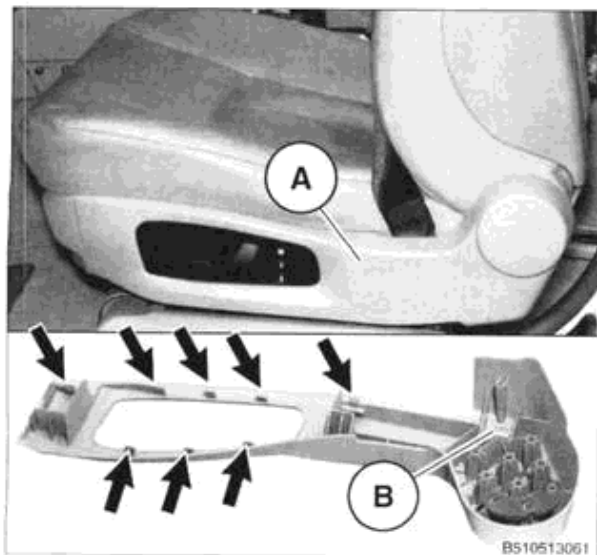
Lower B-pillar trim

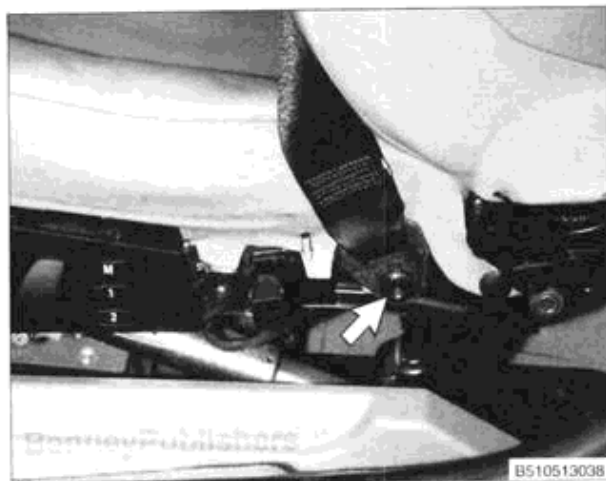
- Snap trim out of trim clips in area **A** and slide trim panel out of rear door sill trim (**B**) and door seal.
- Carefully guide trim panel out of upper trim panel (**C**).



Upper B-pillar trim

- Remove lower B-pillar trim
- Using a plastic prying tool, release retaining tabs (**arrows**) for for seat trim (**A**). Lift seat trim up to release tab **B** and remove.





- Remove seat belt fastener (**arrow**) and discard. Disconnect seat belt and lay aside.



- Disconnect upper B-pillar trim panel trim clips (**arrows**).



- Remove trim panel in direction of **arrow**.

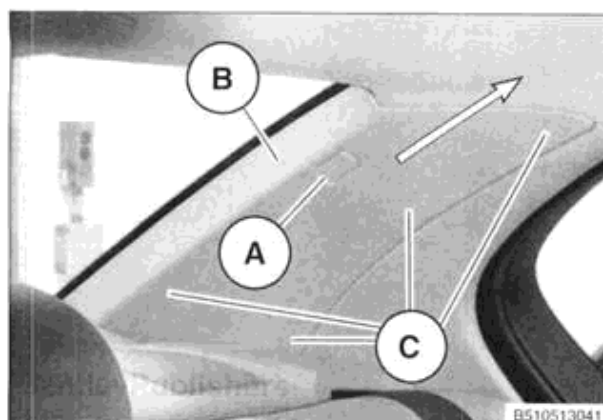
- Installation is reverse of removal. Remember to:
 - Replace any damaged panel clips.
 - Replace fastener for seat belt.

Tightening torque

Seatbelt to front seat (Replace fastener)	36 Nm (26.5 ft-lb)
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513-18 Interior Trim

C-pillar trim, removing and installing



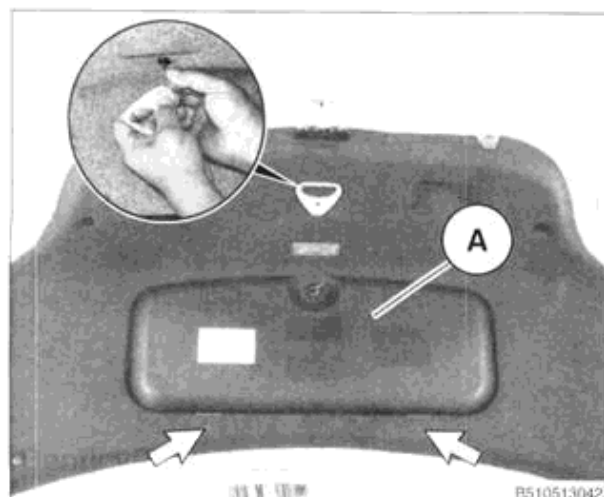
C-pillar trim, removing and installing

- Remove cap (A) and fastener underneath.
- Disconnect clips in area C and remove trim panel (B) in direction of arrow.
- Installation is reverse of removal. Replace any damaged panel clips.

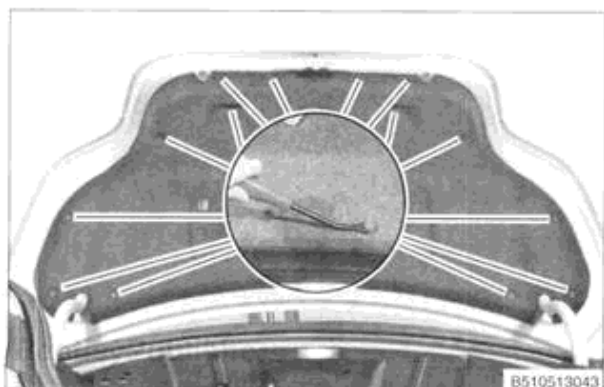
Tightening torque

Panel to C-pillar	3.5 Nm (2.5 ft-lb)
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Trunk lid trim panel, removing and installing



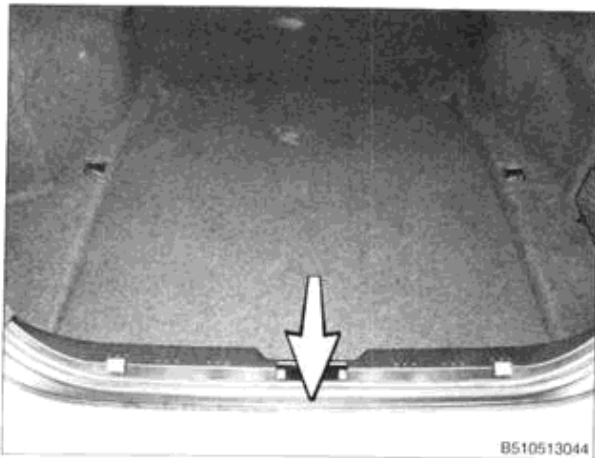
- Remove emergency trunk release handle by pushing lever and releasing cable (inset).



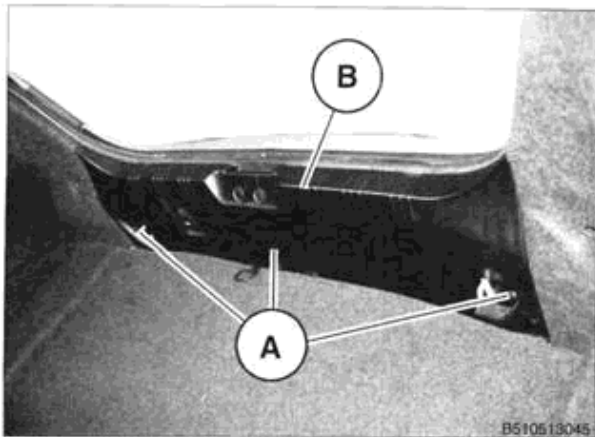
- Remove trim panel clips (inset) and remove trunk lid trim panel.
- Installation is reverse of removal. Remember to replace damaged trim panel clips.

Trunk lower trim panel, removing and installing

- Remove trunk floor trim panel in direction of **arrow**.

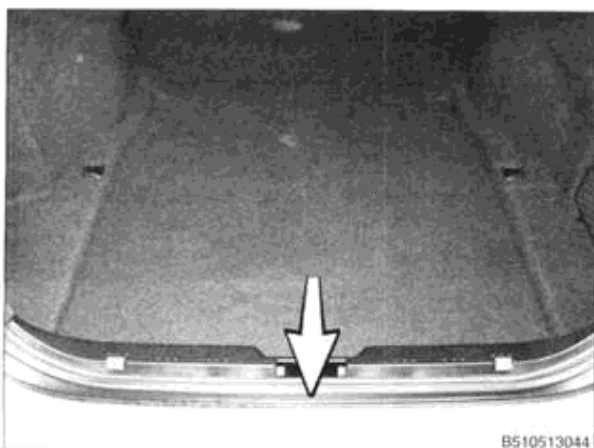


- Remove plastic cover and fasteners (**A**). Lift out and remove trunk rear trim panel (**B**).
- Installation is reverse of removal. Remember to replace damaged trim panel clips.



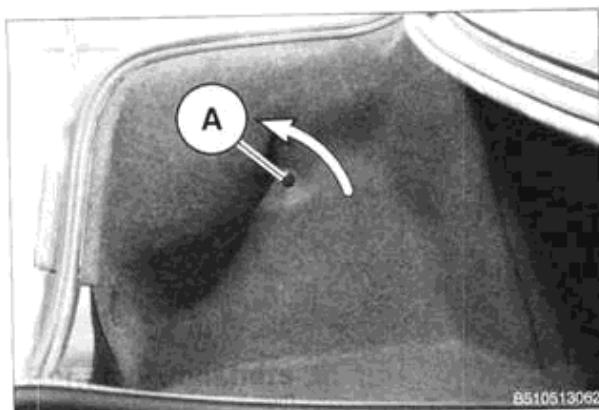
Trunk side trim panel, removing and installing

- Remove trunk floor trim panel in direction of **arrow**.



513-20 Interior Trim

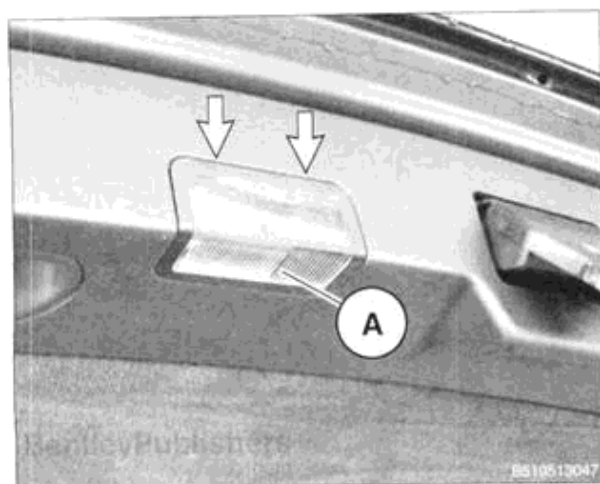
Tailgate trim panel, removing and installing



Right side shown, left is similar.

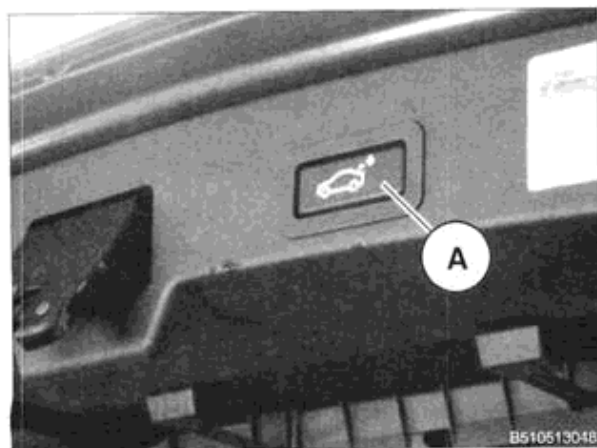
- Remove panel fastener (A) by rotating 90° with flat blade screwdriver and remove panel.

— Installation is reverse of removal. Remember to replace damaged trim panel clips.

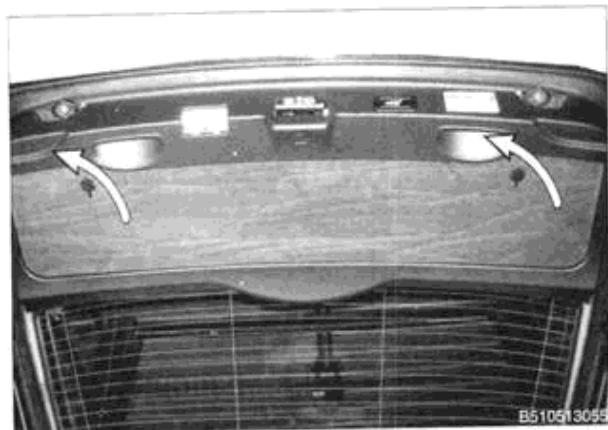


Tailgate trim panel, removing and installing

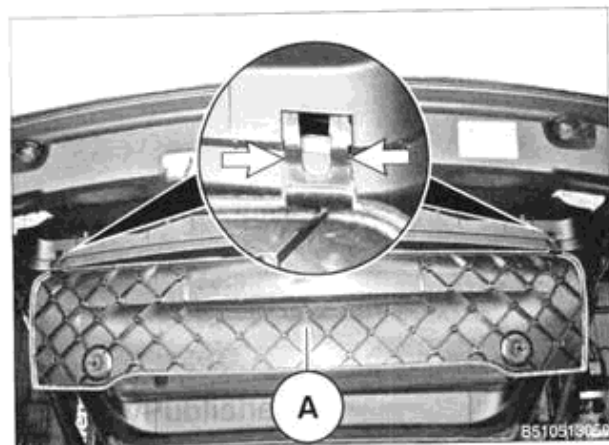
- Working at left side of tailgate: Lever tailgate light (A) out at recesses (arrows). Disconnect electrical connector and remove light. Repeat procedure for right side light if equipped.



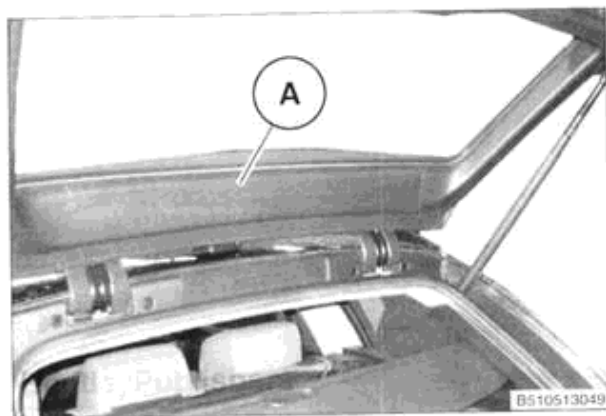
- Models with auto tailgate: Using plastic prying tool, lever out tailgate switch (A). Disconnect electrical connector and remove switch.



➤ Rotate retainer in direction of **arrows** and open panel.



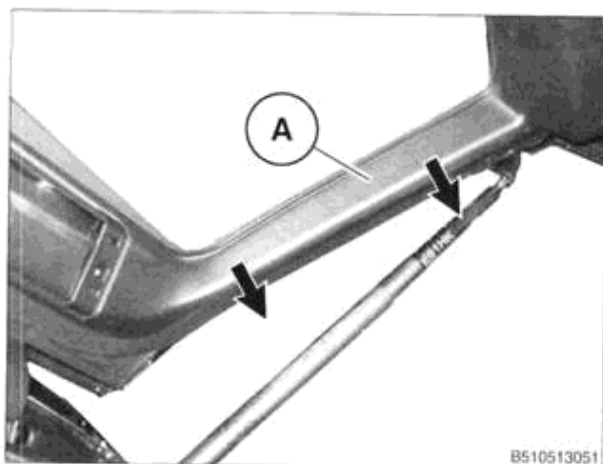
➤ Remove panel (**A**) by squeezing retaining tabs (**inset**) in direction of **arrows** and unclipping.



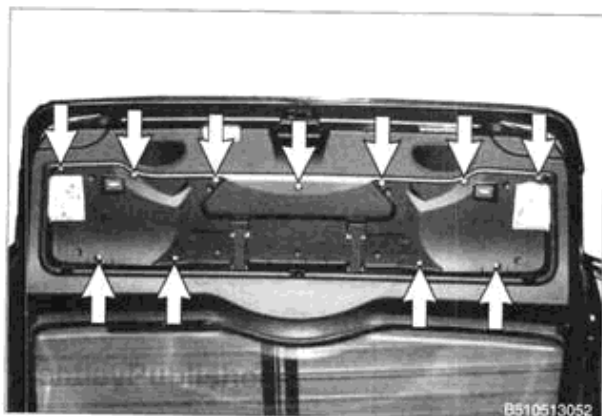
➤ Using a plastic prying tool, remove tailgate center trim panel (**A**).

513-22 Interior Trim

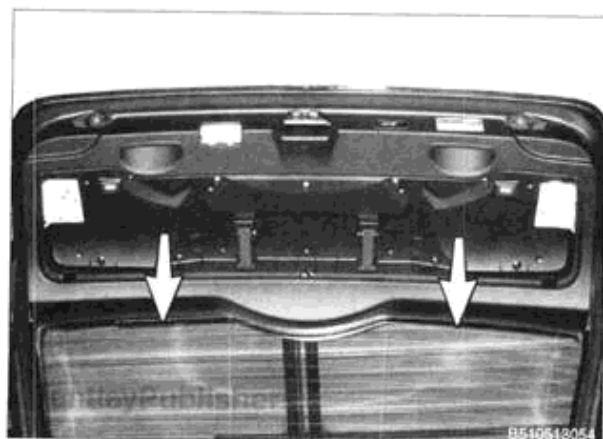
Tailgate trim panel, removing and installing



- Using a plastic prying tool, remove tailgate right side trim panel (A) in direction of **arrows**. Repeat procedure for left side.



- Remove tailgate trim panel fasteners (**arrows**).



- Carefully remove trim panel in direction of **arrows**.
- Installation is reverse of removal. Remember to replace damaged trim panel clips.

