

510 Exterior Trim, Bumpers

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GENERAL

This repair group covers bumper removal and installation, as well as replacement of some of the exterior trim.

EXTERIOR TRIM

Much of the exterior trim is retained to the body by plastic clips and fasteners that may be damaged during trim removal. Be sure to have the necessary fasteners on hand when removing exterior trim pieces.

BMW emblem, removing and installing

The procedure given below applies to both front and rear emblems.

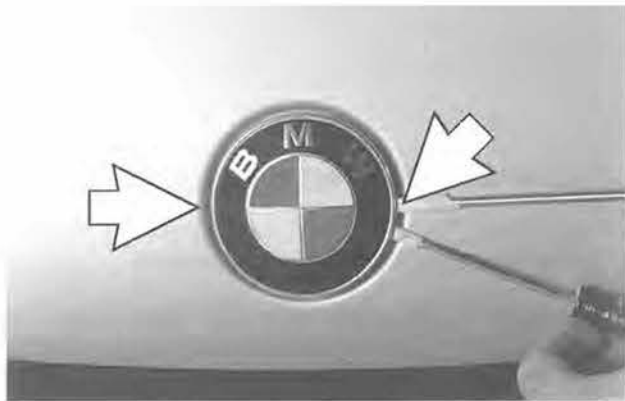
- Wrap end of screwdriver with tape.

➤ Pry up emblem carefully on either side (**arrows**). Note tape on screwdriver tips.

CAUTION—

Use care to protect painted surfaces.

- Installation is reverse of removal.
- Replace plastic inserts in body if damaged.
- If emblem fits loosely into inserts, use a small piece of body side molding tape or adhesive on rear of emblem before installing.



0011723

510-2 EXTERIOR TRIM, BUMPERS

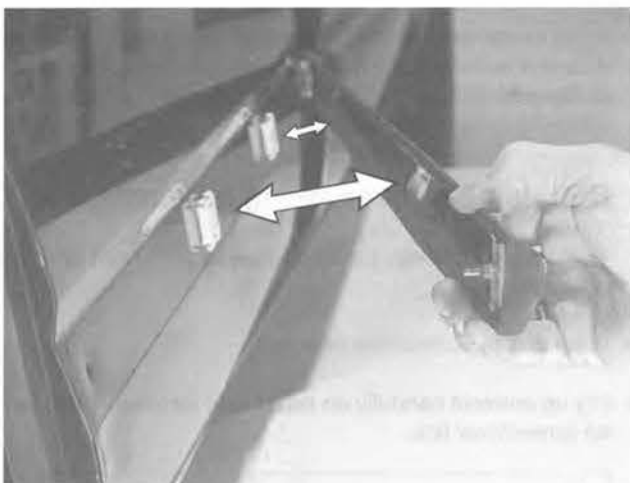
Door molding, replacing

- Open door. Remove plastic nut (arrow) from door edge.



0017264

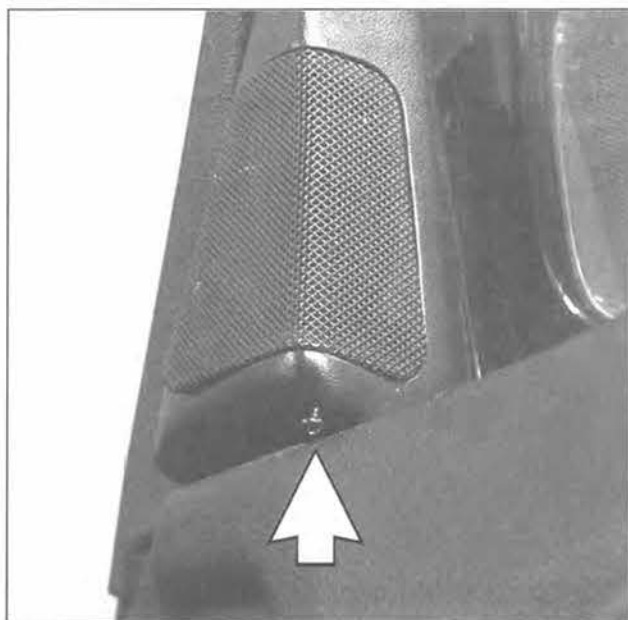
- Door molding plastic clips and retainers (arrows).
 - Pull molding off plastic retainers gently, sliding it off the last one.
- Installation is reverse of removal. Replace any clips damaged during removal.



0017262

Fender molding, replacing

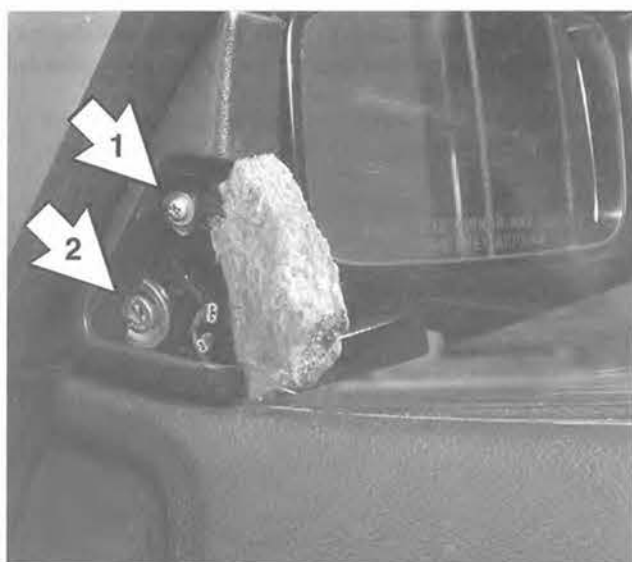
- Front fender: Remove plastic nut on inside lip of fender. Then slide molding forward off plastic retainer.
- Rear fender: Remove rear wheel well splash shield. Remove plastic nut on inside lip of fender and remove molding.
- Installation is reverse of removal.



0017214

Outside mirror, removing and installing

- ◀ Door speaker trim cover mounting screw (**arrow**).
 - Open door and remove loudspeaker from window frame.
- Remove insulation from behind speaker (if so equipped).
- Remove speaker trim cover mounting screw. Remove cover.



0017213

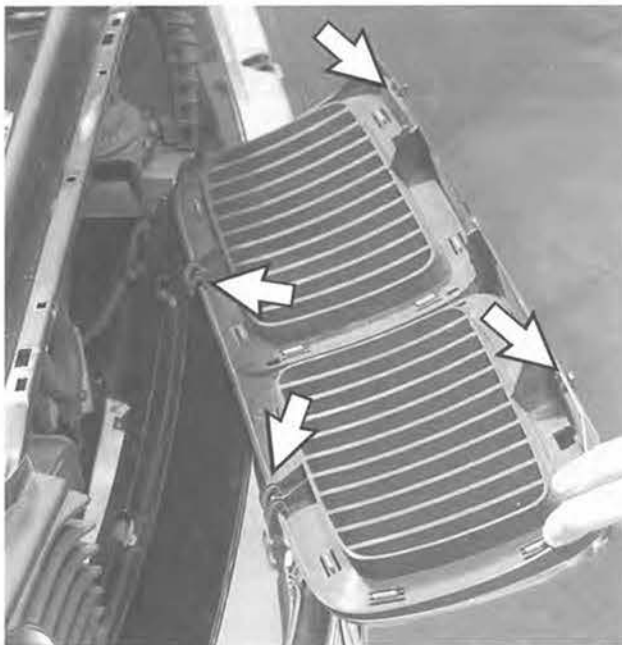
- ◀ Remove mirror mounting screws (1 and 2). Lift mirror off door and disconnect plug.
- Installation is reverse of removal. Check mirror function before installing covering parts.

510-4 EXTERIOR TRIM, BUMPERS



Mirror glass, replacing

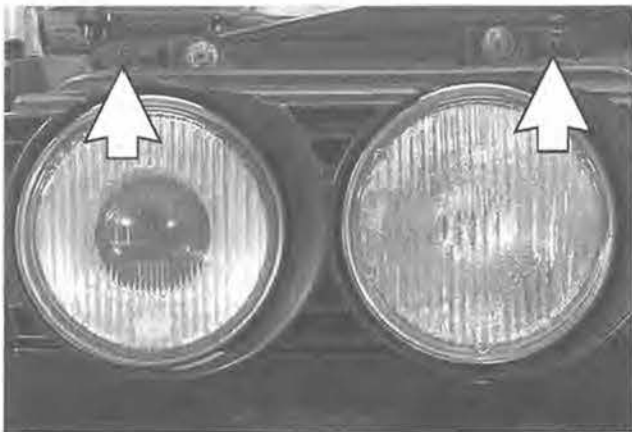
- Insert screwdriver to engage tab on mirror glass locking ring. Turn locking ring to unlock mirror glass.
- Lift glass from mirror assembly and disconnect wiring from heating element.
- Install new glass into position. Turn locking ring to lock mirror glass.



Radiator grille, removing and installing

- Open engine hood.
- Working from engine side of hood, pry grille retaining tabs (**arrows**) off top radiator support and gently push grille out.
- Push hood closed without latching at front. Pivot grille forward and unhook bottom plastic hooks off front panel.
- Installation is reverse of removal.

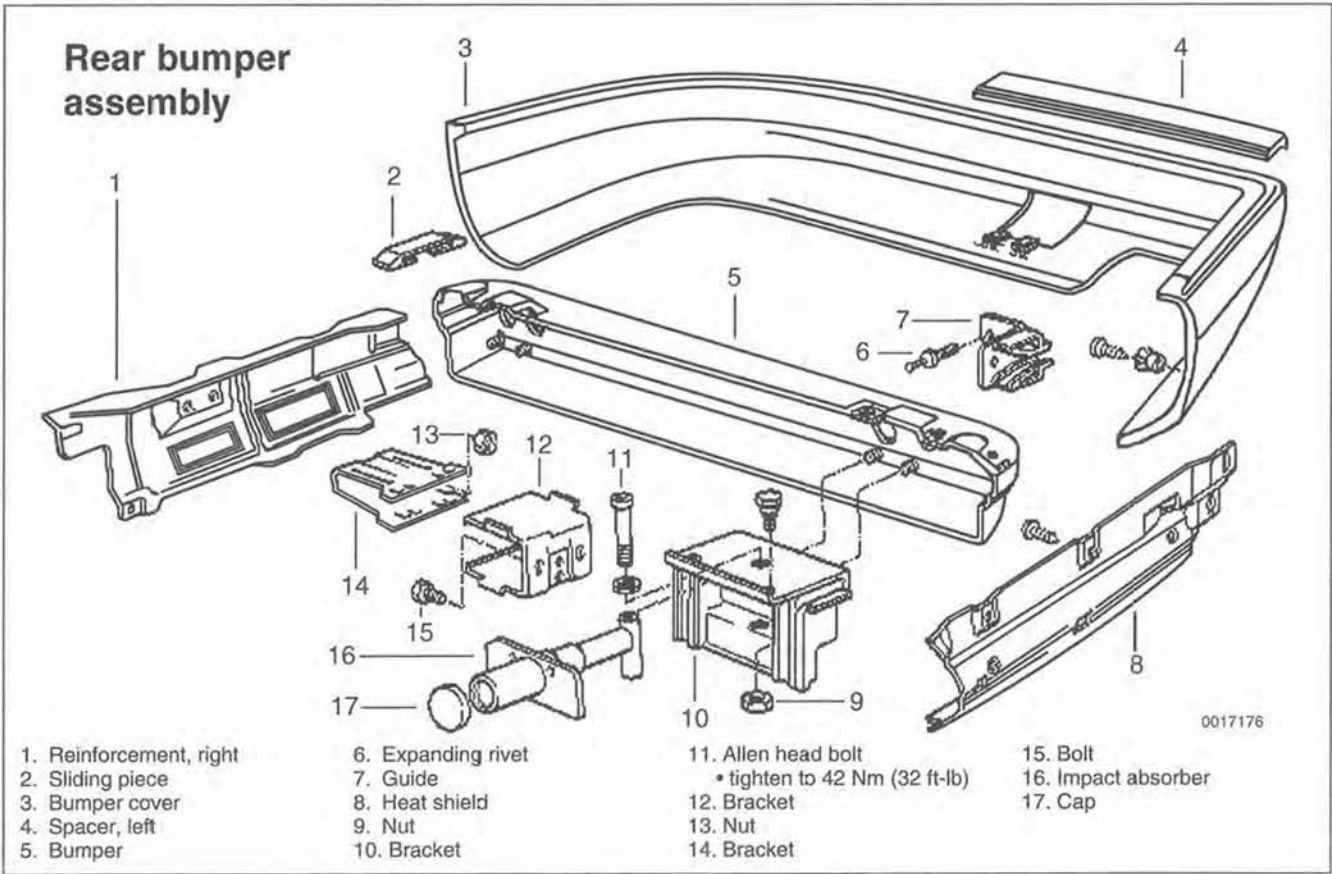
Headlight grille, removing and installing



0017208

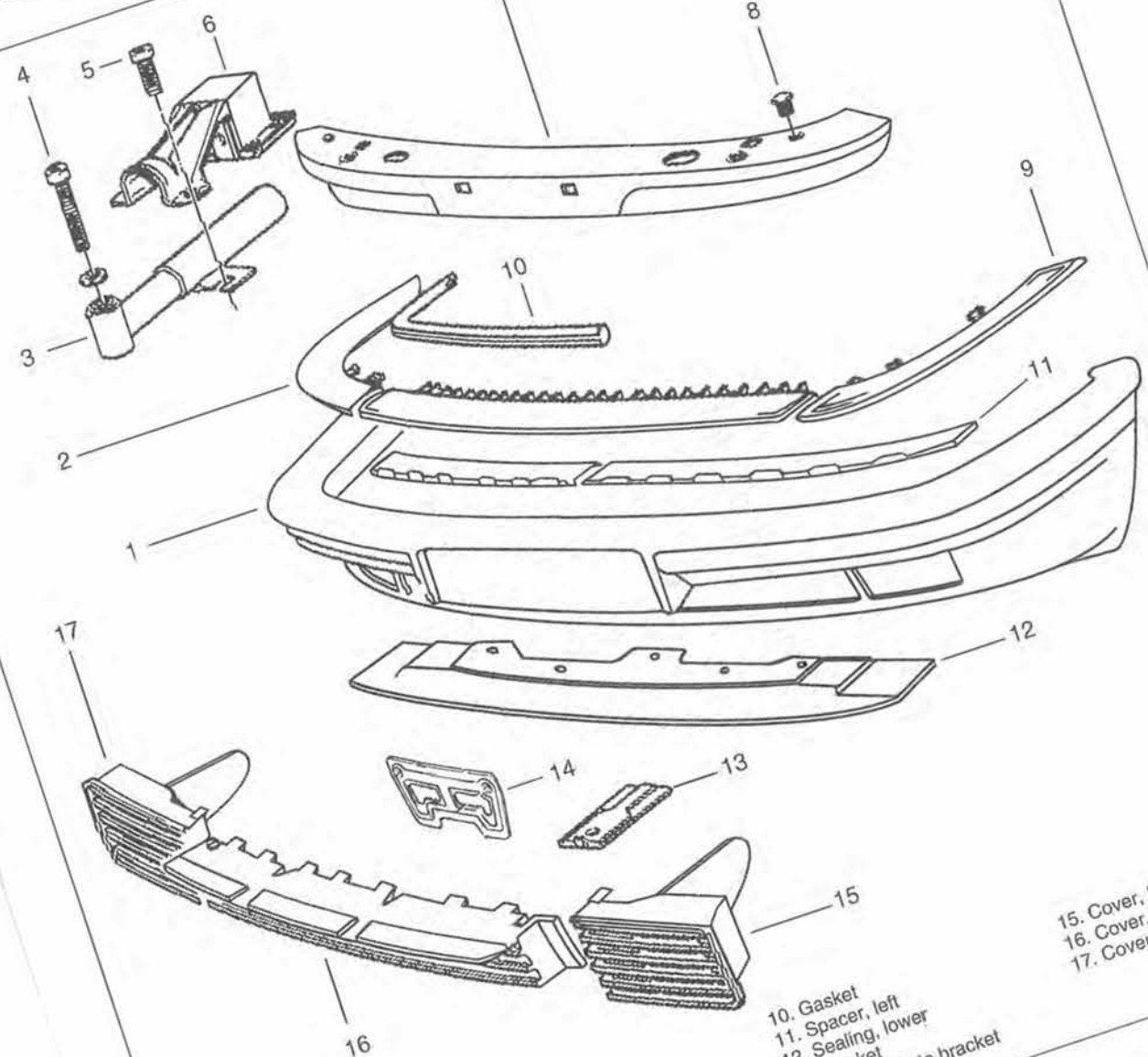
- Remove expanding rivets (arrows).
- Tilt grille forward past headlight assembly.
- Installation is reverse of removal.

BUMPERS



510-6

Front
assembly



15. Cover, left
16. Cover, center
17. Cover, tow hook, right

0017175

BUMPERS

**Front or rear bumper,
removing and installing**



0017177

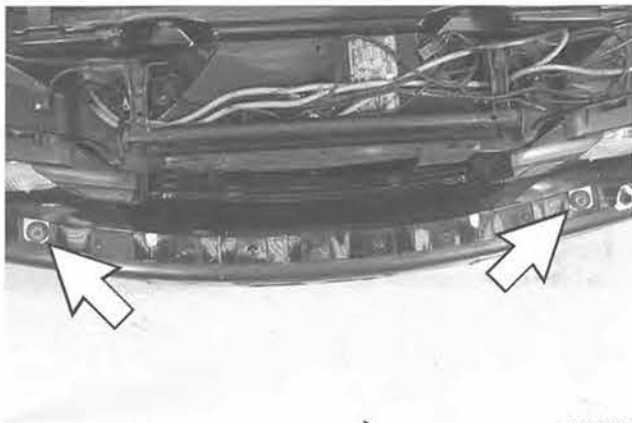
- Front bumper: Remove headlight pressure washer nozzle covers. Then remove nozzle mounting screws (1) and 19 mm plastic nuts (2), pushing nozzles down through opening in bumper.
- Front bumper: Detach high pressure headlight washer hoses from lower bumper lip.



0017209

- Using a screwdriver, press release tabs on bumper top chrome strip and carefully remove strip.

510-8 EXTERIOR TRIM, BUMPERS



0017210

➤ Remove bumper mounting bolts (**arrows**).

— Pull bumper off body slowly.

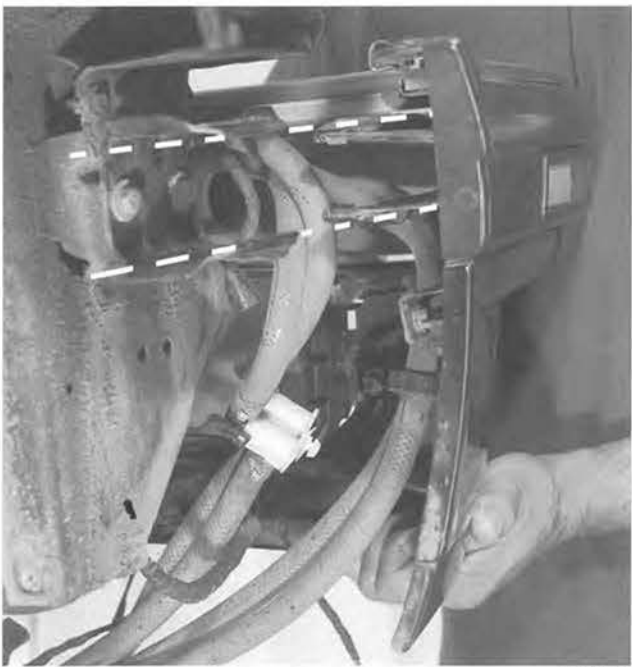
NOTE—

Detach electrical harness connectors to foglight assemblies and temperature sensor, as needed, when removing the front bumper.



0017206

➤ Before installing bumper use BMW Special tool 51 10 40 (14 mm Allen socket) to turn bumper height adjuster sleeves (**arrows**) counterclockwise a few turns.



0017204

➤ With an assistant, slip bumper onto body, carefully aligning side brackets.

— Turn bumper height adjusting sleeves until bumper height is correct and clearance with fenders is even on both sides. Install and tighten bumper mounting bolts and install trim piece.

Tightening Torque

• Bumper to impact absorber 42 Nm (30 ft-lb)



BUMPERS