

520 Seats

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GENERAL

This repair group covers removal and installation of the front and rear seats. It also includes complete disassembly of the electrically operated front seat.

FRONT SEATS

Front seat, removing and installing

- Remove headrest from seat by pulling up.

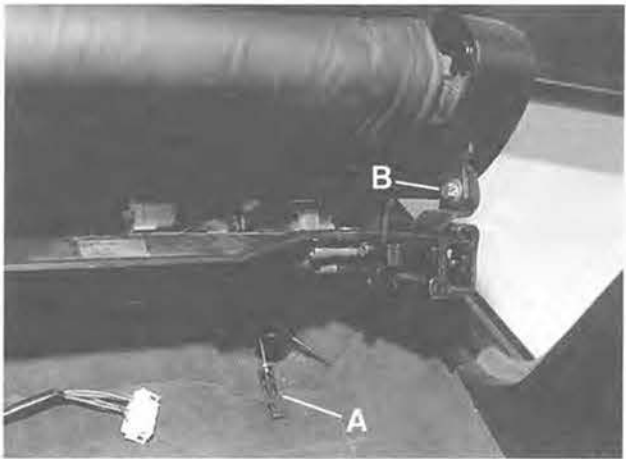
NOTE—

Some effort may be required to remove the headrest. Pull quickly on the headrest to disengage it from its retainers.

- Move seat to full forward position. Remove two bolts at rear of seat rails (arrows).



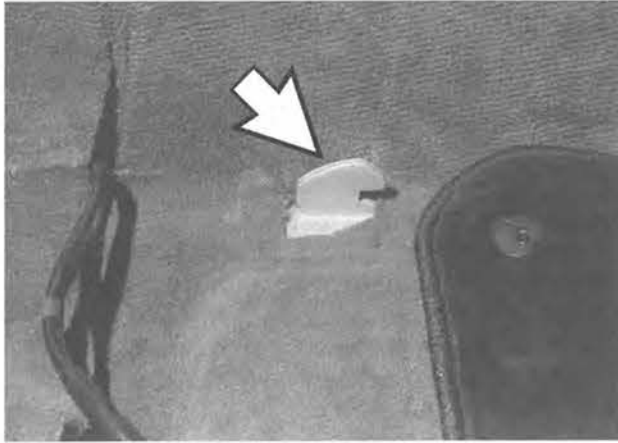
0011770



0011771

- Move seat back to rear position and highest level at front and rear. Unplug harness connector(s) from under side of seat. Disconnect height adjustment cable (A) from under side of seat. Unbolt seat belt from seat frame (B).

520-2 SEATS



0011772

➤ Remove seat by tilting forward and sliding forward off front brackets (retaining hooks).

— Installation is reverse of removal.

Front seat armrest, removing and installing

— Push back panel of front seat up, unhook from lower back of seat and pull off.

NOTE —

On some models the backrest trim panel may be retained by screws on either side.



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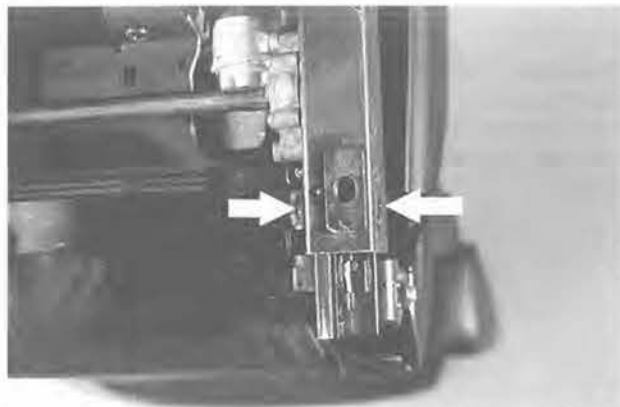
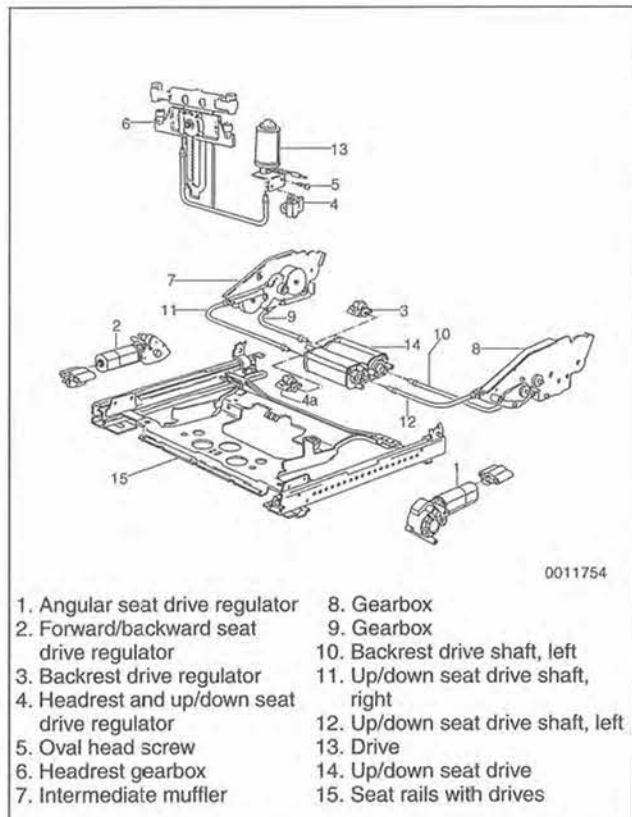
➤ Unscrew front seat armrest mounting nuts (**arrows**) and remove armrest.

Front seat, disassembling

NOTE—

Drive cable replacement is possible once the seat is disassembled and the drive motor is removed.

- Remove seat as described earlier.
- Seat frame and frame motor assembly.
- On cars with memory seats, remove seat memory control unit from seat underside. Disconnect harness connectors on seat bottom.



- Align rear seat rail mounting pins with holes in outer seat rail (arrows).

520-4 SEATS

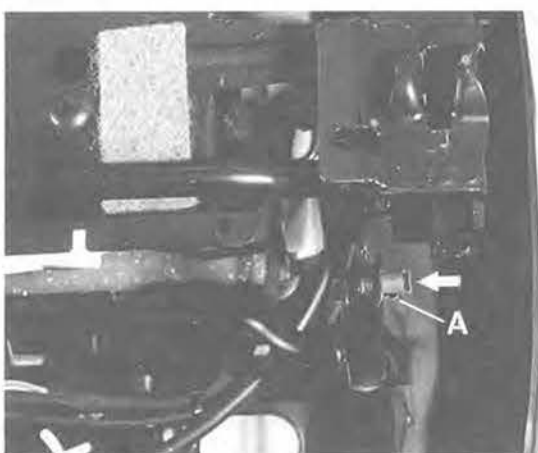


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➤ Seat rail motor drive (**arrow**) for moving seat forward/backward.

- In order to move seat rail, the seat can be temporarily connected to the harness connector in car or it can be moved manually by turning the drive in the end of the motor.

- Pull off power seat operating knobs from seat switch.
- Remove trim panels from left and right sides of seat cushion.

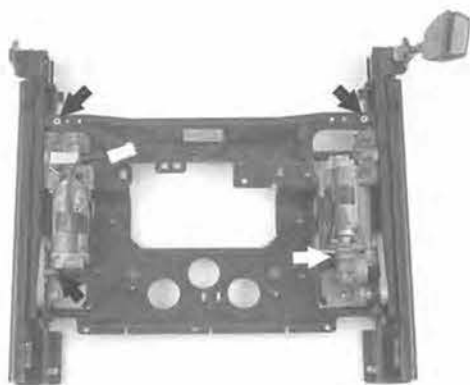


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➤ Depress tab (**A**) and remove front and rear seat rail mounting pins (**arrow**). Remove seat rail assembly from seat, disconnecting harness connectors as necessary.

NOTE—

- BMW Special tool 52 1 100 can be used to remove the seat rail mounting pins.
- Always use new seat mounting pins. These pins should not be reused.



0011777

➤ If replacing motors on seat rail assembly, it may be necessary to remove the support plate from the seat rail assembly. Remove the plate by drilling out the rivets (**black arrows**) and removing the screw (**white arrow**) from the plate.

FRONT SEATS

SEATS 520-5



0011778

- Remove seat forward/back motor mounting bolts (**arrows**) and remove motor.
- Remove backrest trim panel by sliding up and off seat back.

NOTE —

On some models the backrest trim panel may be retained by screws on either side.



0011779

- Disconnect harness connector from inside rear seat back. Press down on seat back locking levers using pliers and remove backrest from seat bottom.

FRONT SEATS

520-6 SEATS



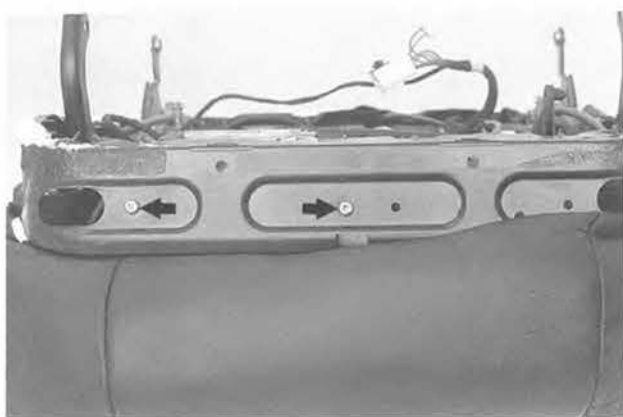
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- With headrest off, remove screw from headrest adjustment gearbox, moving seat cover aside if necessary.



0011781

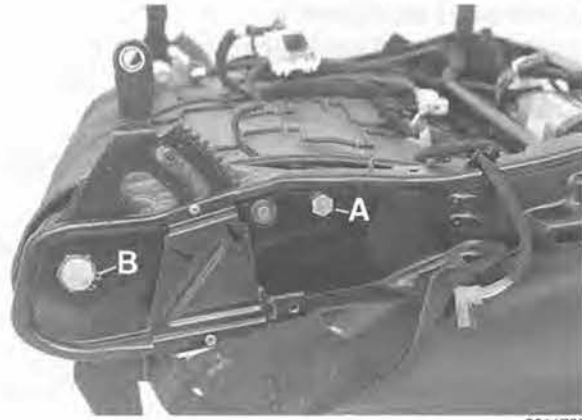
- Remove screws (**arrows**) from headrest adjustment motor, moving seat cover aside if necessary.
- On seats with memory, unscrew potentiometer from motor.
- Partially loosen seat cover from seat bottom.



0011782

- Remove screws (**arrows**) from backrest/seat height adjustment motor bracket. Pull drive cables out of both sides of both motors and remove motor assembly from seat.

FRONT SEATS



0011783

- Remove backrest gearbox mounting bolt (A) and backrest bracket circlip (B) from backrest support bracket fittings.

NOTE—

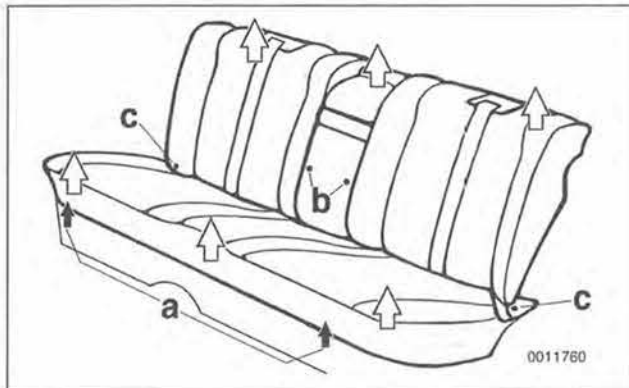
Backrest adjustment motor uses black plug. Seat height adjustment uses white plug.

- Installation is reverse of removal.
- All harness connectors are color coded.
- Replace mounting pins, and seat mounting frame rivets.
- Lightly lubricate gears with grease.

REAR SEATS

Rear seat cushion and backrest, removing and installing (non-power seats)

- Pull front of cushion up and out of clips.
- To remove rear seat, pull seat bottom up and out of clips (a). Remove bolts behind center armrest (b) and at seat back corners (c). Slide seat back up off holders.
- Slide backrest off holders. Unclip seat belts with covers from seat.

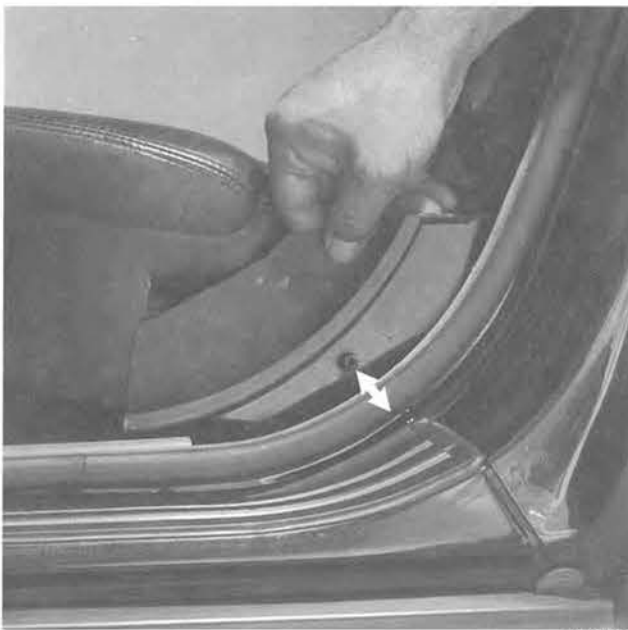
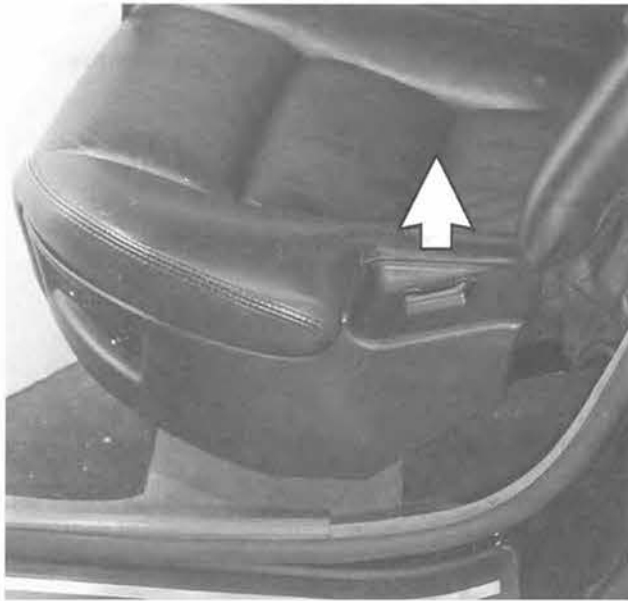


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520-8 SEATS

Rear seat cushion, removing and installing (power seats)

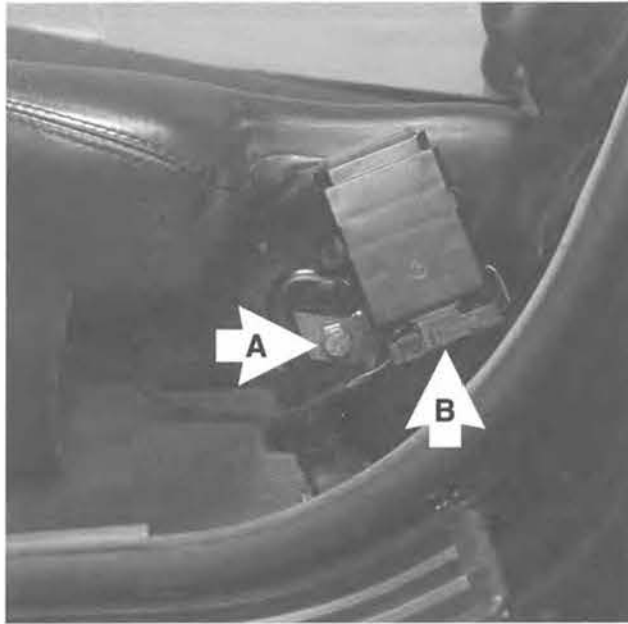
- Pull front of cushion up and out of clip.
- Remove seat control knobs and remove trim screws behind them.
- ◀ Pull up seat belt lock trim and remove from seat belt lock.



- ◀ Rear door edge trim retaining clip (**arrow**).
- Pull off door seal at bottom rear corner of door. Tilt door edge trim outward and remove.

REAR SEATS

SEATS 520-9



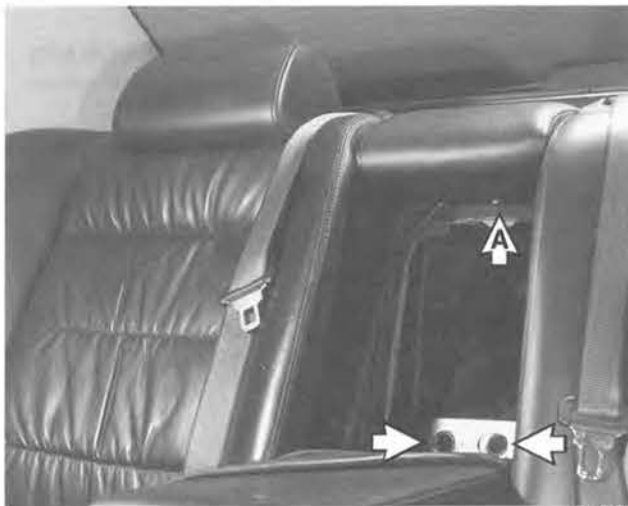
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➤ Unbolt rear seat belt lock mounting bolt (A) and disconnect wiring harness connector (B).

- Lift front of seat cushion, sliding seat tracks off body anchors and unhooking locating rods from backrest.
- Detach electrical harness connector and lift cushion out of car.
- Installation is reverse of removal.
 - Guide seat cushion locating rods into backrest holes.
 - Guide seat tracks into body anchors on floor.

Rear seat backrest, removing and installing (power seats)

- Remove seat cushion as described earlier.
- Pull up on headrest and remove.



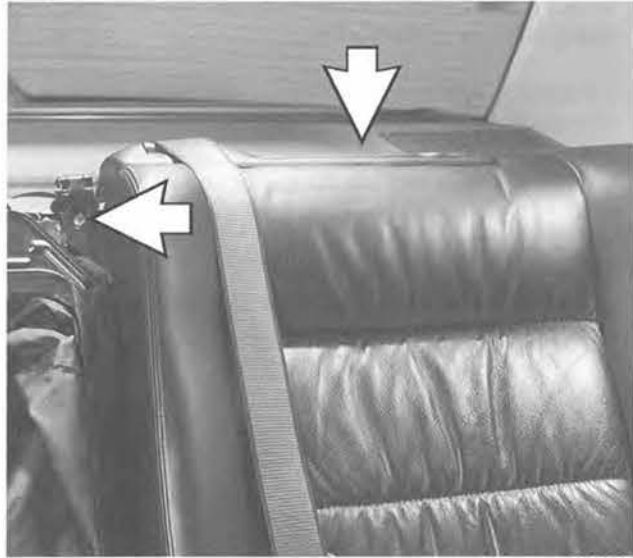
0017269

➤ Fold down armrest. Unlock spring-loaded retainer, squeeze in direction of **arrows** and remove armrest. Remove center backrest upper section by removing fastener (A).

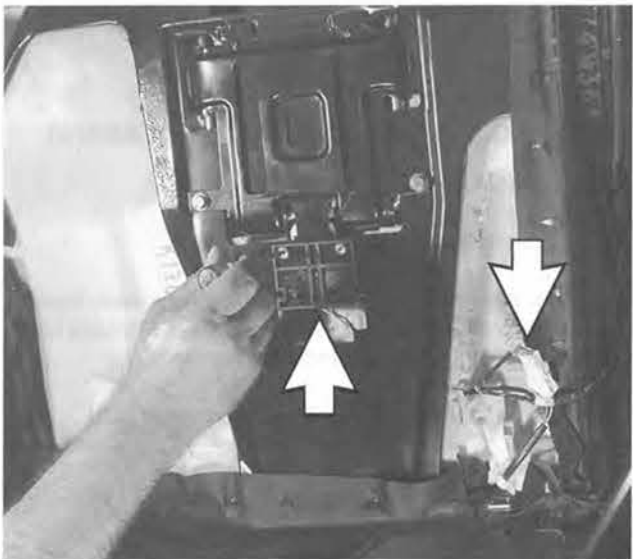
- Remove seat belt anchor bolt below backrest.

REAR SEATS

520-10 SEATS



- Remove rear seat backrest upper mounting bolts (**arrows**) and pull backrest forward.
- Remove screws from backrest upper plastic trim and pull trim off, releasing seat belt from backrest.



- Electrical harness connectors in back of rear seat backrest.
 - Working in back of backrest, remove screws from headrest electrical harness connector (**arrows**). Loosen connector and feed out past upholstered material. Detach harness connector at base of backrest (**arrows**). Backrest can now be lifted out.
- Installation is reverse of removal.

Tightening Torques

- Seat belt anchor to floor 48 Nm (36 ft-lb)

