

52 Seats

52 00	Front seat damage evaluation after accident	52-00/1
52 10 000	Front seat, left or right – remove and install	52-10/1
52 20 100	Rear seat, left or right – remove and install	52-20/1

GENERAL INFORMATION

POWER SEATS

Troubleshoot – see Car Electric / Electronic Test Plan.

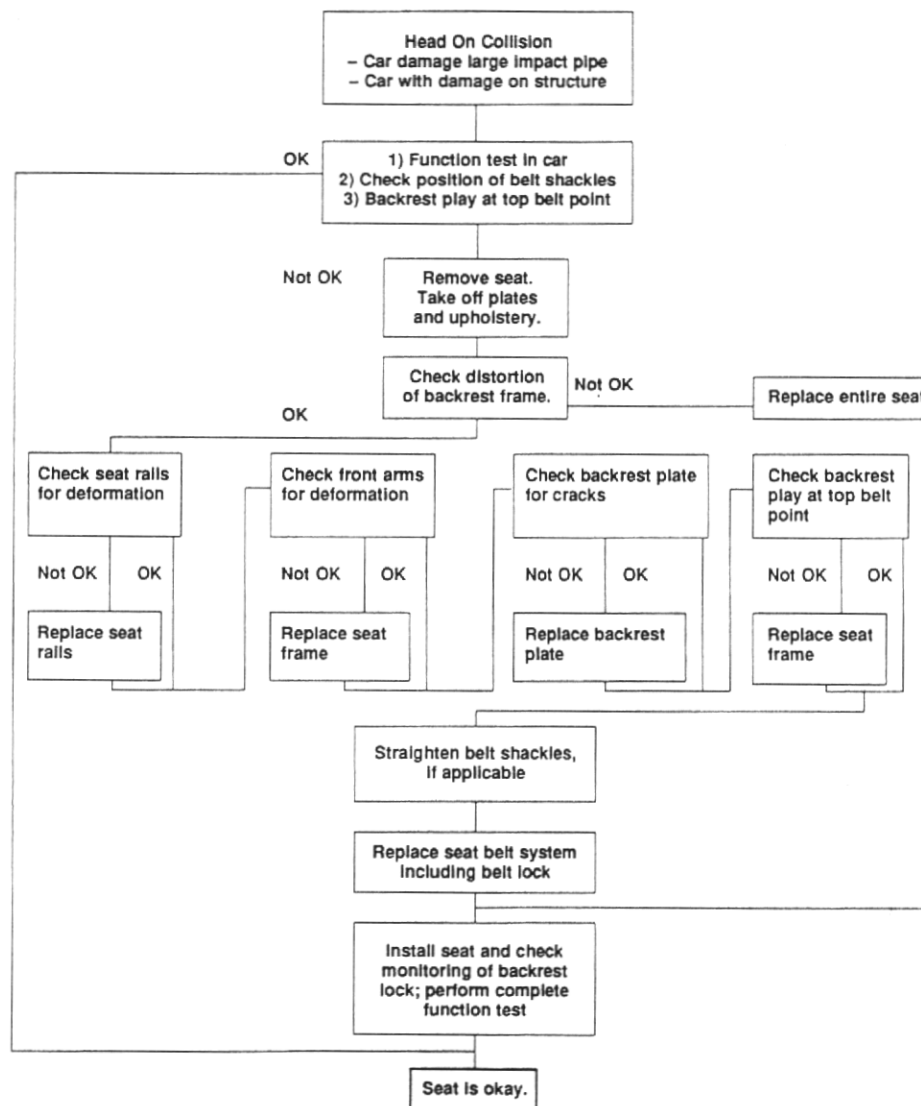
52 00 ... EVALUATING FRONT SEAT DAMAGE AFTER ACCIDENT

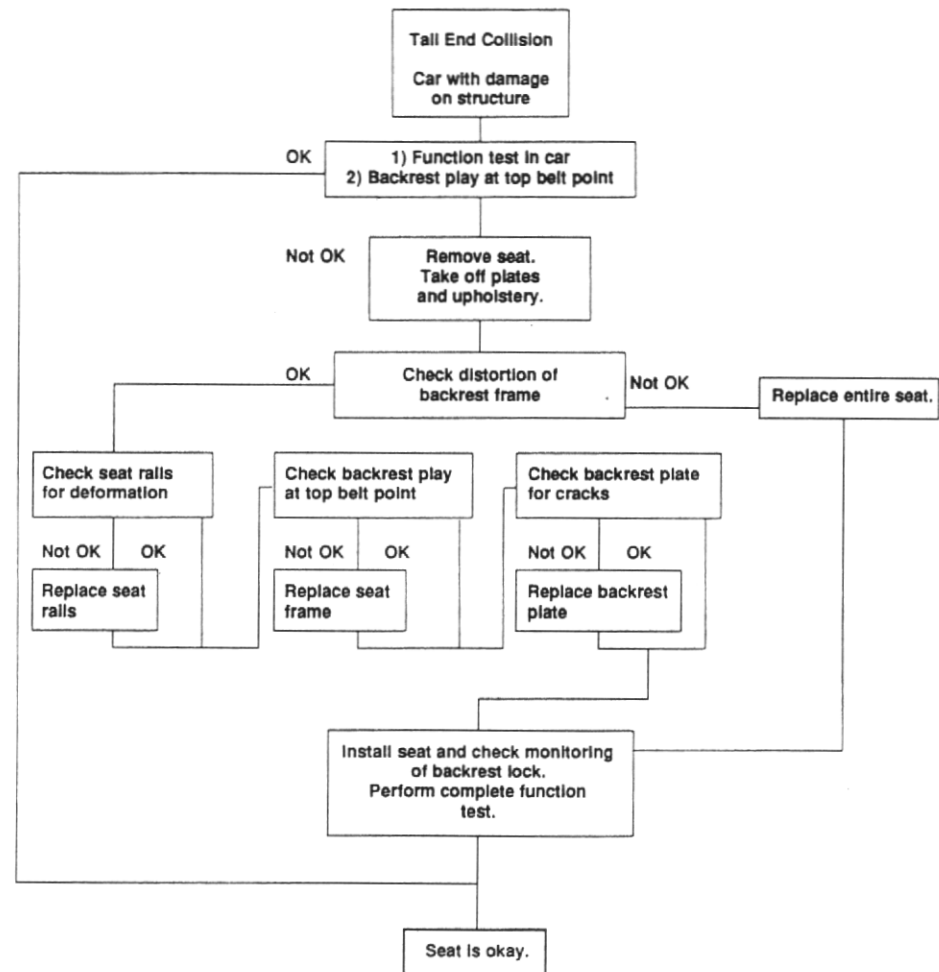
No other repairs than those described below may be performed on seats in the interest of the safety of occupants! Damaged parts must be replaced!

Make use of the following criteria for evaluation of damage.

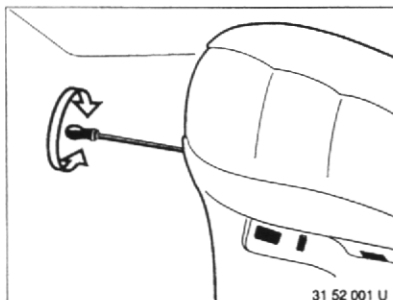
- Max. backrest play, measured perpendicularly from upper belt outlet point to backrest, 20 mm (0.787").
Measuring Maximum Backrest Play:
Adjust seat to highest position and backrest to straightest position. Press backrest against the front stop with a force of about 200 N (220 lbs.). Measure distance from upper seat belt outlet point to windshield perpendicular to the backrest and note this distance. Now press backrest against the rear stop with a force of about 200 N (220 lbs.) and again measure the distance from upper seat belt outlet point to windshield perpendicular to the backrest. The difference of both distances is the backrest play.
- Bending of belt shackles on seat frame (for both lower belt straps) toward seat cushion, i.e. belt lock touches seat cushion.
Belt shackles can be bent back to their original position without impairing the car's safety.
- All disturbances such as noise, seizure, shaking, etc. as well as not reaching final positions in all seat operations.
- Distortion of backrest frame at upper end of load beam max. 5 mm (0.197") offset from backrest frame's rear plane.
- Head On Collision
Refer to the flow diagram for procedures. Seat belt shackles on the seat frame are the major indicators of load on the seat in case of a head-on collision. They will indicate whether forces had been applied to the belt system. This will be noticed when shackles are bent toward the seat surface and will always make it necessary to inspect the seat outside of the car.
- Tail End Collision
Refer to the flow diagram for procedures. Excessive play in the backrest is the major indicator of load on the power seat in case of a tail end collision. This point must be given special attention in an inspection.
- Lateral Collision, Oblique Collision and Rollover
Proceed as described for head-on collisions when belt shackles are bent on the seat frame (belt lock presses in the seat cushion).
If belt shackles are not bent and play is noticed in the backrest at the same time, proceed as described for tail end collisions. If the seat is within the zone where the car is deformed, replace concerned parts or components.

52-00/2





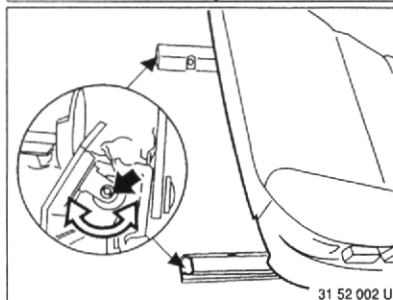
52-10/1



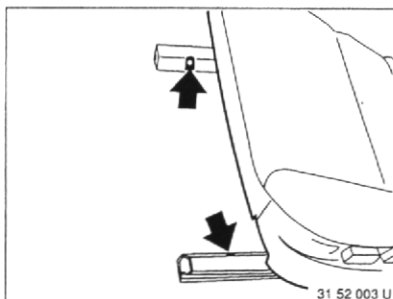
52 10 000 REMOVING AND INSTALLING LEFT OR RIGHT FRONT SEAT

Note:
Seat can be moved manually with a screwdriver (8 mm / 0.315" wide blade) if electric axial control fails.

Insert screwdriver in slot and turn.

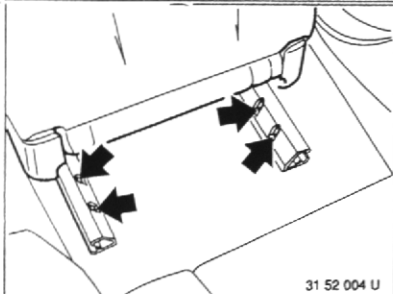


Turning clockwise = seat moved forward.
Turning anticlockwise = seat moved back.



Move seat back completely.
Unscrew bolts.

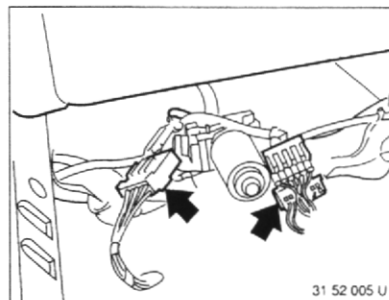
Installation:
Tightening torque*.



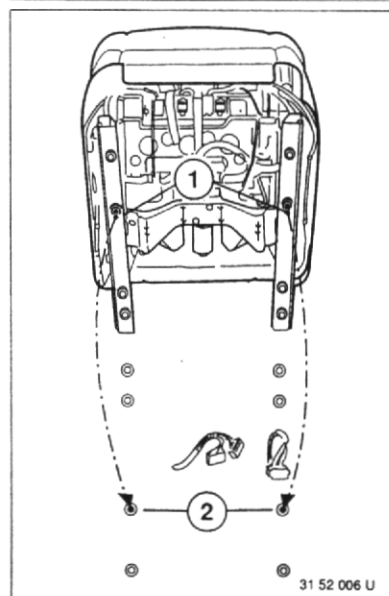
Move seat forward completely.
Unscrew bolts.

Installation:
Tightening torque*.

* See Specifications

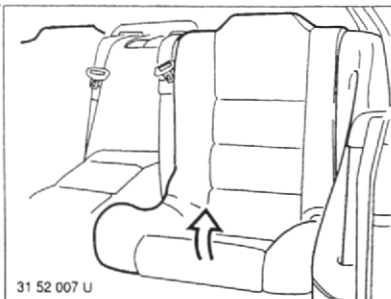


Lift seat at rear end and disconnect plug.
Lift seat out of the car.



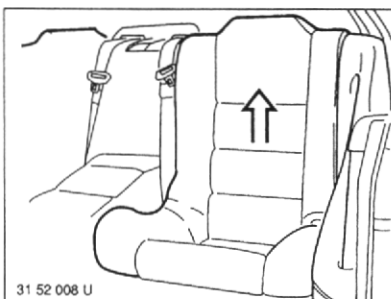
Installation:
Insert pins (1) of seat in bores (2) in floor of car.

52-20/1



52 20 100 REMOVING AND INSTALLING OR REPLACING LEFT OR RIGHT REAR SEAT

Lift seat at front and disengage upward.



Lift out seat from above.



Installation:
Attach holding plate on back of seat
on the hook.