



Apply To: 2003 Element - ALL

May 27, 2003

2003 Element: Driver's Seat Rocks

SYMPTOM

The driver's seat rocks back and forth during normal driving.

PROBABLE CAUSE

Worn bushings in the height adjustment mechanism.

CORRECTIVE ACTION

Replace the bushings, and install spacers.

PARTS INFORMATION

Bushing (six required):

P/N 90502-S3N-013, H/C 8690440

Spacer (three required):

P/N 90503-S3N-003, H/C 8852578

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Operation Number: 851138

Flat Rate Time: 0.7 hour

Failed Part: P/N 81536-SCV-A51
H/C 7289228

Defect Code: 006

Contention Code: B99

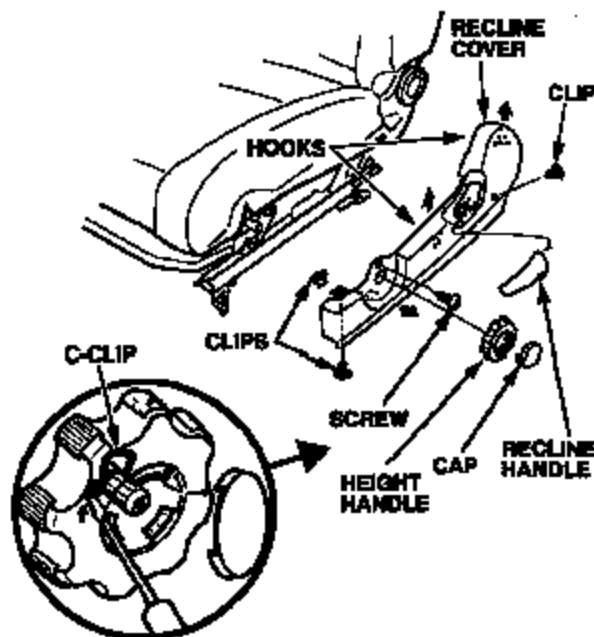
Template ID: 03-032A

Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

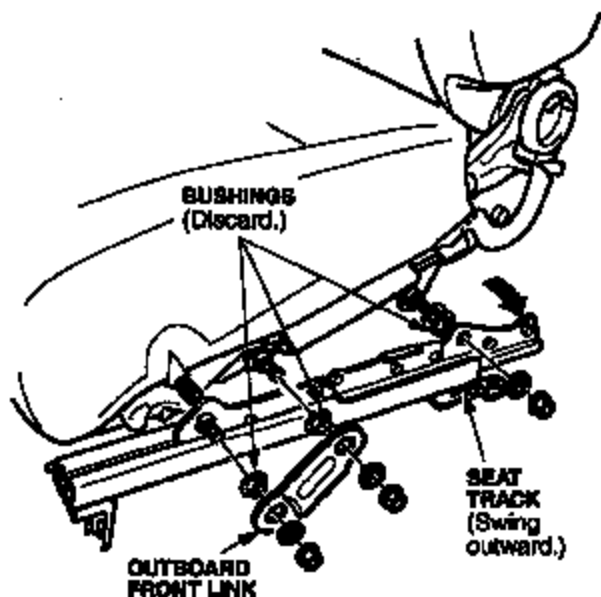
REPAIR PROCEDURE

1. Remove the driver's seat from the vehicle (see pages 20-86 and 20-87 of the 2003 Element Service Manual).
2. Place the seat on a work bench covered with shop towels.
3. Pull off the recline handle.

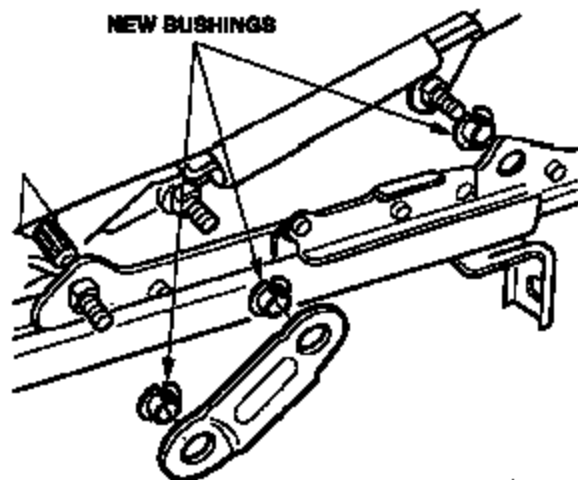


4. Use a flat-tip screwdriver to pry the center cap from the height handle. Remove the C-clip, and pull off the knob.
5. Remove the recline cover (one screw, three clips, and two hooks).

6. Remove the three nuts and washers from the outboard front link and the seat track. Remove and discard the three bushings.

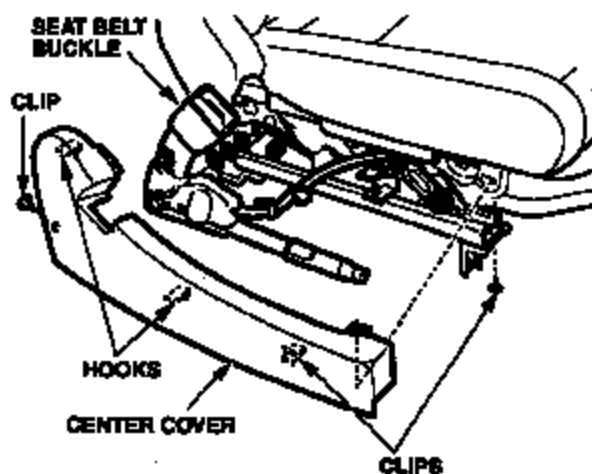


7. Install the three new bushings and the front link.

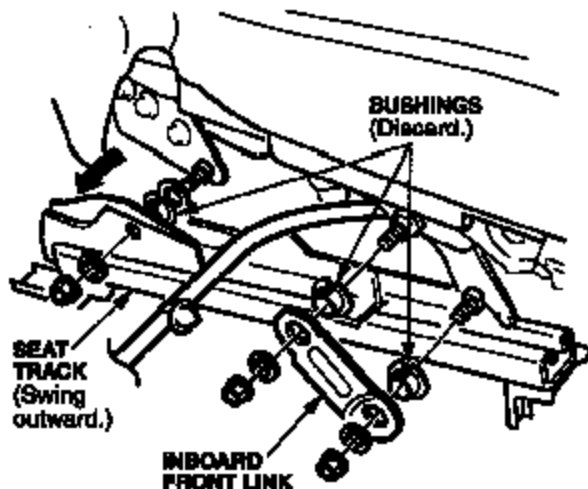


8. Reinstall the washers and nuts. Torque the nuts to 22 N-m (16 lb-ft).

9. Remove the center cover (three clips and two hooks) from the inboard front link and seat track. Then remove the seat belt buckle (center anchor bolt, collar, spring washer, and toothed-lock washer).

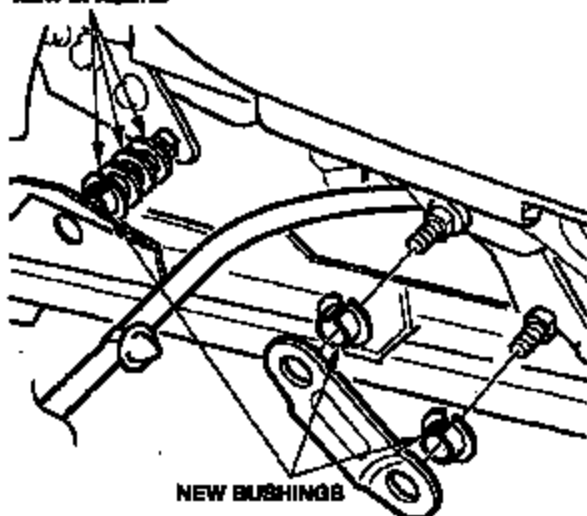


10. Remove the three nuts and washers from the inboard front link and seat track. Remove and discard the three bushings.



11. Add the three new spacers to the rear mounting stud.

NEW SPACERS



12. Install the three new bushings and the original front link.
13. Reinstall the washers and nuts. Torque the nuts to 22 N·m (16 lb-ft).
14. Reinstall the seat belt buckle. Torque the center anchor bolt to 32 N·m (24 lb-ft).
15. Reinstall the center cover and the recline cover.
16. Reinstall the height handle and the recline handle.
17. Reinstall the driver's seat:
- Torque the mounting bolts to 34 N·m (25 lb-ft).
 - Make sure each connector is properly plugged in.
18. Reconnect the negative cable to the battery.
19. Enter the anti-theft code for the radio and your customer's radio station presets. Set the clock.
20. Check the driver's window auto-up feature:
- Make sure the driver's window is fully closed, then start the engine.
 - Push down and hold the window switch until the window is fully open.
 - Pull back and hold the window switch until the window is fully closed, then hold the switch for at least 2 more seconds.
21. Do the idle learn procedure:
- Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are turned off.
 - Start the engine and let it warm up to its normal operating temperature (the cooling fan cycles twice).
 - Let the engine idle (throttle fully closed with all electrical items turned off) for 10 minutes.