


Applies To: **2003 Element – ALL**
**June 25, 2004**

## 2003 Element: Driver's Seat Rocks

(Supersedes 03-032, dated December 9, 2003)

### SYMPTOM

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

### PROBABLE CAUSE

Worn bushings in the height adjustment mechanism.

### CORRECTIVE ACTION

Install new seat bushings, nuts, and spacers.

### PARTS INFORMATION

8/18 mm Nut Washer (six required):  
P/N 90321-S84-999, H/C 7679780

Seat Link Bushing (six required):  
P/N 90502-S3N-013, H/C 6690440

Spacer (three required):  
P/N 90503-S3N-003, H/C 6852578

### 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 7289226

Defect Code: 00503

Symptom Code: 07302

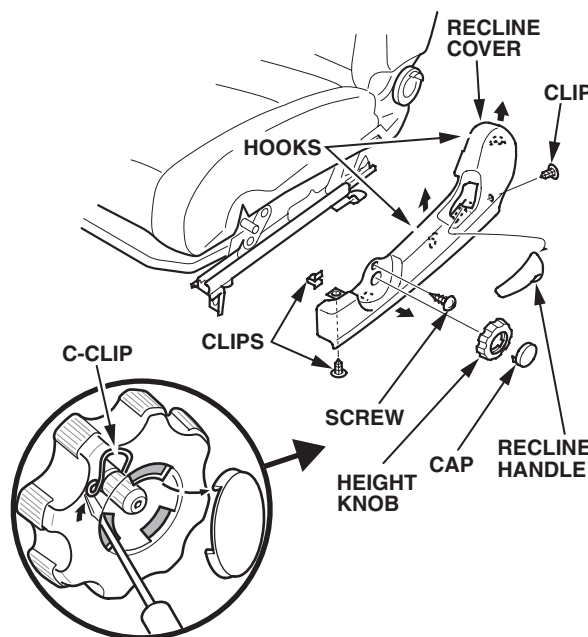
Template ID: 03-032A

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.

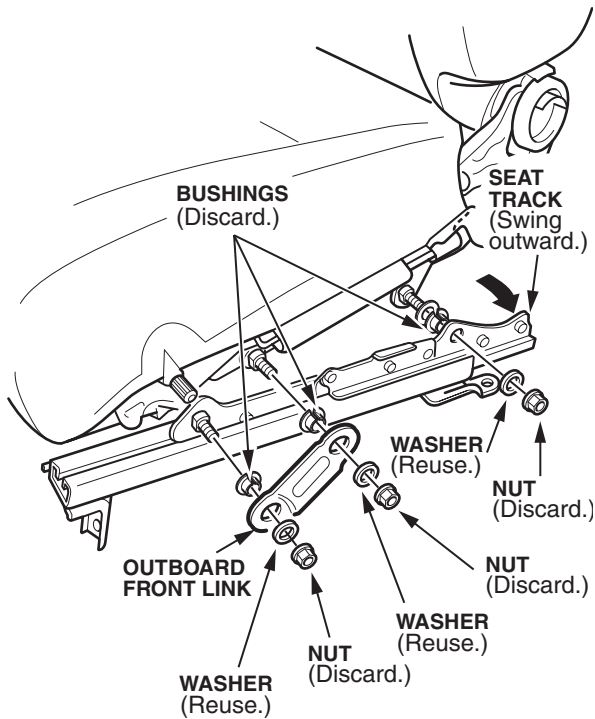
### REPAIR PROCEDURE

1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery, and wait at least 3 minutes before beginning work.
3. Remove the driver's seat from the vehicle (refer to page 20-86 of the 2003–04 Element Service Manual).
4. Place the seat on a workbench covered with shop towels.
5. Pull off the recline handle.

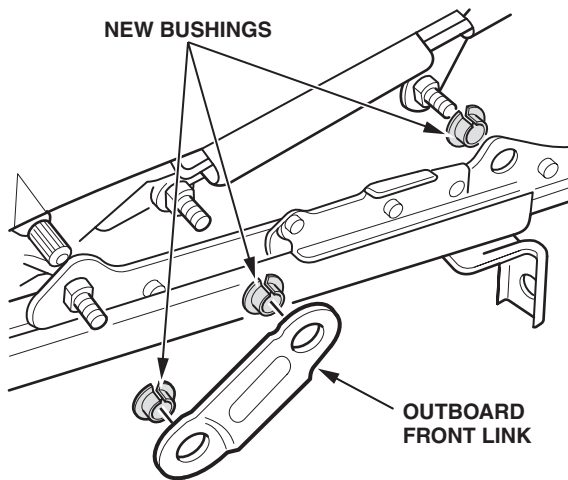


6. Pry the center cap from the height knob with a flat-tip screwdriver. Remove the C-clip, and pull off the knob.
7. Remove the recline cover (one screw, three clips, and two hooks).

8. Remove and discard the three nuts, and remove and retain the washers from the outboard front link and from the seat track. Remove and discard the three bushings.

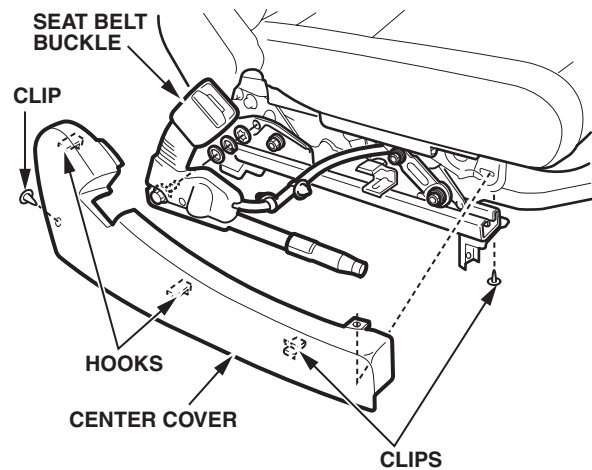


9. Install the three new bushings and the outboard front link.

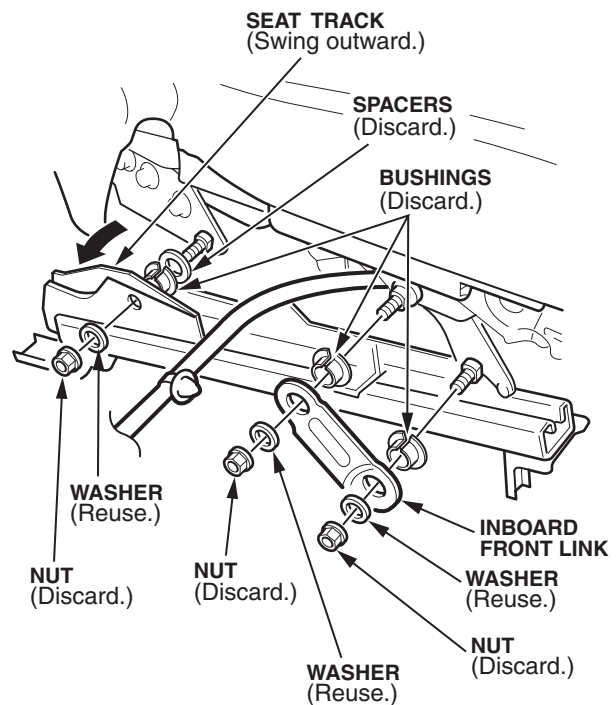


10. Install the original washers and new nuts. Torque the nuts to 22 N·m (16 lb-ft).

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

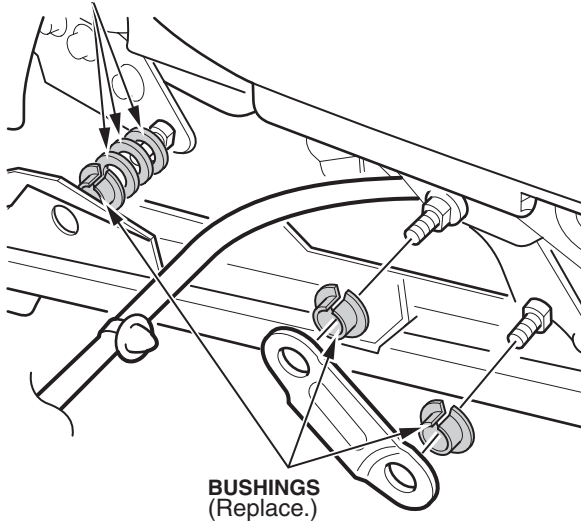


12. Remove and discard the three nuts, and remove and retain the washers from the inboard front link and the seat track. Remove and discard the three bushings. Remove and discard the spacers between the seat and the seat track.



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

**NEW SPACERS**



14. Install the three new bushings and the inboard front link.
15. Install the original washers and new nuts. Torque the nuts to 22 N·m (16 lb-ft).
16. Reinstall the seat belt buckle. Torque the center anchor bolt to 32 N·m (24 lb-ft).
17. Reinstall the center cover and the recline cover.
18. Reinstall the height handle and the recline knob.
19. Reinstall the driver's seat:
- Torque the mounting bolts to 34 N·m (25 lb-ft).
  - Make sure each connector is properly plugged in.
20. Confirm that the problem is resolved. If the driver's seat still rocks, look for other causes.
21. Reconnect the negative cable to the battery.
22. Turn the ignition switch to ON (II), and check the SRS indicator. If the indicator comes on for 6 seconds and then turns off, the SRS is OK. If the indicator stays on, check for codes, and do normal troubleshooting.

23. Enter the anti-theft code for the radio and your customer's radio station presets. Set the clock.

24. Initialize the driver's window auto-up feature:

- Make sure the driver's window is fully closed.
- Push down and hold the window switch until the window goes all the way down.
- Pull back and hold the window switch until the window goes all the way up, then hold the switch for at least 2 more seconds.

25. Do the ECM/PCM idle learn procedure:

- Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are off.
- Start the engine, and let it warm up to its normal operating temperature (the cooling fans cycle twice).
- Let the engine idle (throttle fully closed with all electrical items off) for 10 minutes.