

Applies To: 2000-01 Odyssey – ALL

September 2, 2003

## Buzzing From the Alternator

### SYMPTOM

With the engine hot and idling with the A/C on, buzzing is heard from the alternator.

### PROBABLE CAUSE

Alternator noise is being amplified by the drive belt.

### CORRECTIVE ACTION

Replace the alternator-compressor drive belt.

### PARTS INFORMATION

Alternator-Compressor Drive Belt:  
P/N 38920-P8F-A02, H/C 5963350

### WARRANTY CLAIM INFORMATION

**In warranty:** The normal warranty applies.

Operation Number: 614140

Flat Rate Time: 0.3 hour

Failed Part: P/N 38920-P8F-A04  
H/C 6592398

Defect Code: 042

Contention Code: B07

Template ID: 03-052A

Skill Level: Repair Technician

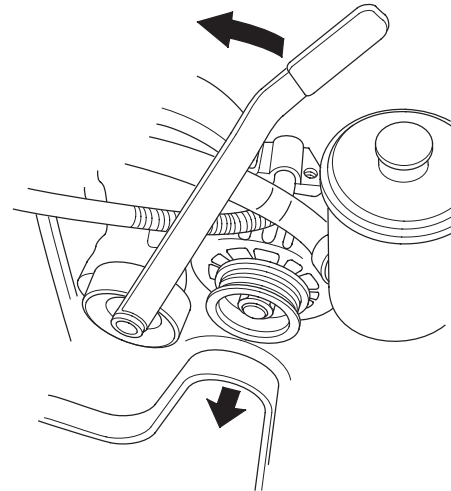
**Out of warranty:** Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

### DIAGNOSIS

- If legible, inspect the part number on the alternator-compressor drive belt.
  - If the manufacturer is Bando or the part number is 38920-P8F-A04, go to REPAIR PROCEDURE.
  - If the manufacturer (Bando) or the part number is not legible, go to step 2.
- Warm up the engine to operating temperature (cooling fans cycle twice), and turn on the A/C at its lowest setting. Let the engine idle.
  - If you hear a buzzing noise from the area of the alternator when the A/C compressor runs, go to REPAIR PROCEDURE.
  - If the buzzing noise is coming from another area, continue troubleshooting.

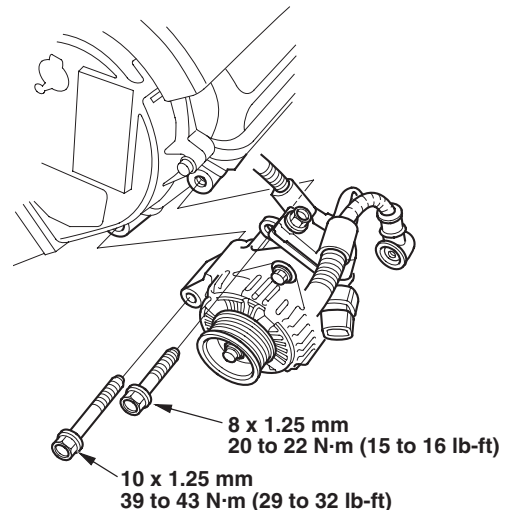
### REPAIR PROCEDURE

- Move the auto-tensioner to relieve tension on the alternator-compressor belt, and remove the belt.



- Loosen the two alternator mounting bolts. Torque the 10 mm bolt to 39 to 43 N·m (29 to 32 lb-ft) and the 8 mm bolt to 20 to 22 N·m (15 to 16 lb-ft).

**NOTE:** Use these torque values only to address this problem. For all other work, use the torque specifications in the service manual.



- Install the new belt.
- Warm up the engine to operating temperature (cooling fans cycle twice), and turn on the A/C at its lowest setting. Let the engine idle, and when the A/C compressor runs, make sure that the noise is gone.