



Applies To: **2005 Odyssey** – ALL  
**2006 Odyssey** – From VIN 5FNRL38..6B000001 thru 5FNRL38..6B106388  
 – From VIN 5FNRL38..6B400001 thru 5FNRL38..6B443036

**July 22, 2006**

## Front Brakes Groan at Low Speeds

(Supersedes 06-024, dated May 26, 2006, to update the information marked by the black bars)

### SYMPTOM

The front brakes make a low-pitched groan when coming to a stop from low speeds.

### PROBABLE CAUSE

The brake pad material was improperly formulated.

### CORRECTIVE ACTION

Refinish the front brake discs, and install new, reformulated brake pads.

### PARTS INFORMATION

Brake Pad Set: P/N 45022-SHJ-A50, H/C 8303083

### WARRANTY CLAIM INFORMATION

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

OP#	Description	FRT
410820	Refinish both front brake discs (includes brake pad replacement).	1.4
B	Replace one disc, add	0.1
C	Replace two discs, add	0.2

Failed Part: P/N 45022-SHJ-A00  
H/C 7752520

Defect Code: 00504

Symptom Code: 04213

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

- Remove the front brake pads and shims:
  - Refer to page 19-14 of the *2005–2006 Odyssey Service Manual*, or
  - Online, enter keyword **PAD**, and select **Front Brake Pad Inspection and Replacement** from the list.
- Measure the brake disc thickness:
  - Refer to page 19-17 of the service manual, or
  - Online, enter keyword **DISC**, and select **Front Brake Disc Inspection** from the list.
  - Note the measurements on the back of the repair order hard copy.
  - If the brake discs are within the service limit, go to step 3.
  - If one or both brake discs are outside the service limit, replace the disc(s) as needed. When replacing discs, you must refinish the new discs. Go to step 3.
- Refinish both front brake discs with an on-car brake lathe. Use the approved Kwik-Way or Snap-on brake lathe. Do not refinish the front discs off the vehicle because disc runout cannot be adequately eliminated by this method.
 

NOTE: For information on brake disc refinishing, refer to the operating manual for the lathe and to Service Bulletin 00-088, *Brake Disc Refinishing Guidelines*.
- Remeasure the brake disc thickness. Verify the disc is within refinish limits. Note the measurement on the back of the hard copy.
- Install new front brake pads and new shims:
  - Refer to page 19-14 of the service manual, or
  - Online, enter keyword **PAD**, and select **Front Brake Pad Inspection and Replacement** from the list.