


Applies To: **1999-00 Civic Si – ALL**
**October 16, 2001**

## Gears Grind When Shifting

### SYMPTOM

The gears grind when shifting from 2nd to 3rd or 4th to 5th.

### PROBABLE CAUSE

Wear on the blocking ring.

### CORRECTIVE ACTION

Replace 3rd gear, 5th gear, the 3rd-4th sleeve set, and the 5th-reverse sleeve set.

### PARTS INFORMATION

3rd Gear: P/N 23440-P21-000, H/C 4042685

5th Gear: P/N 23581-P21-F00, H/C 4344917

3rd-4th Sleeve Set:

P/N 23623-P4C-308, H/C 6780811

5th-Reverse Sleeve Set:

P/N 23626-P4C-308, H/C 6780829

Drain Washer, 12 mm (two required):

P/N 94109-12000, H/C 0171868

Drain Washer, 14 mm:

P/N 94109-14000, H/C 0171876

Drain Washer, 20 mm:

P/N 94109-20000, H/C 0251728

### REQUIRED MATERIALS

Honda Manual Transmission Fluid (MTF):

P/N 08798-9016, H/C 4928271

Liquid Gasket: P/N 08718-0001, H/C 2963817

### WARRANTY CLAIM INFORMATION

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

Operation Number: 213205

Flat Rate Time: 5.8 hours

Failed Part: P/N 23623-P21-315  
H/C 4344925

Defect Code: 031

Contention Code: B07

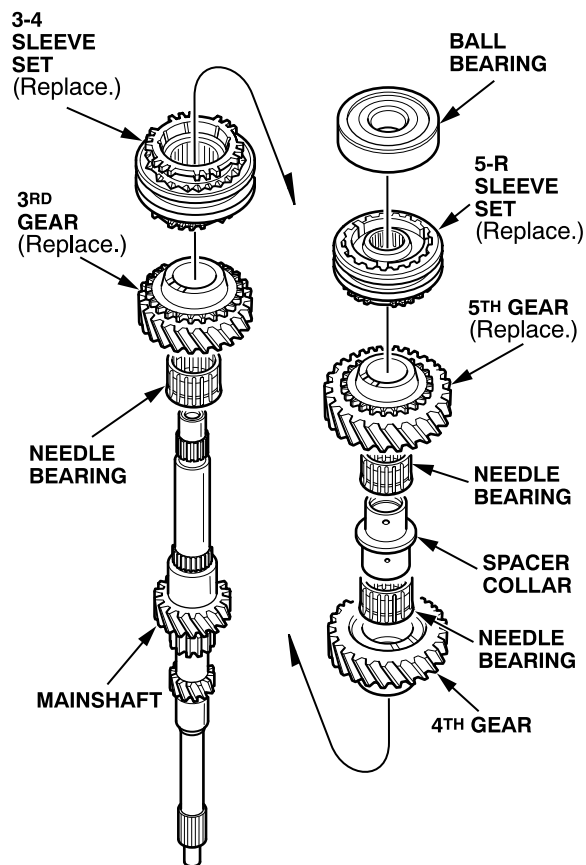
Template ID: 01-082A

Skill Level: Repair Technician

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

### REPAIR PROCEDURE

1. Remove the transmission (see page 13-48 of the '96-00 Civic Service Manual).
2. Remove the transmission housing (see page 13-56 of the service manual).
3. Remove the mainshaft (see page 13-63).
4. Disassemble the mainshaft assembly (see page 13-71).
5. Replace the 3rd-4th sleeve set, the 5th-reverse sleeve set, 3rd gear, and 5th gear (see page 13-15 of the service manual).



6. Reassemble the mainshaft assembly (see page 13-73).
7. Check the mainshaft assembly clearance (see page 13-68).
8. Reassemble the transmission (see page 13-91 of the service manual).
9. Install the transmission (see page 13-8 of the service manual).
10. Fill the transmission with MTF.