

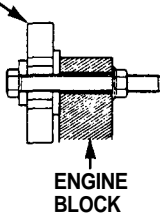
# Flywheel and Drive Plate

## Replacement

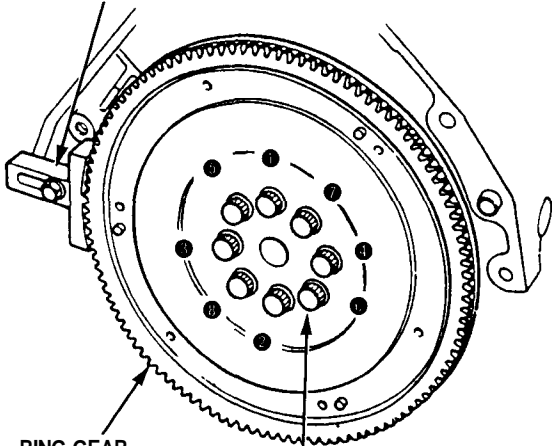
### Manual Transmission:

Remove the eight flywheel bolts, then separate the flywheel from the crankshaft flange. After installation, tighten the bolts in the sequence shown.

**RING GEAR HOLDER**  
07LAB-PV00100 or  
07924-PD20003



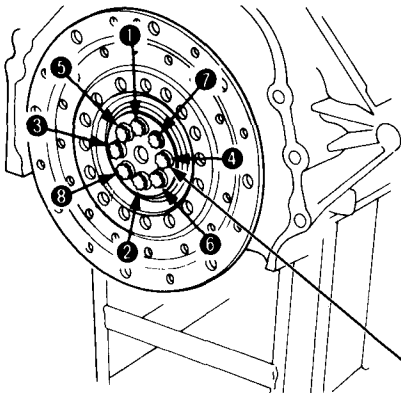
**RING GEAR HOLDER**  
07LAB-PV00100 or  
07924-PD20003



**RING GEAR**  
Inspect ring gear teeth for wear and damage.  
12 x 1.0 mm  
105 N-m  
(10.5 kg-m, 76 lb-ft)

### Automatic Transmission:

Remove the eight drive plate bolts, then separate the drive plate from the crankshaft flange. After installation, tighten the bolts in the sequence shown.



12 x 1.0 mm  
75 N-m  
(7.5 kg-m, 54 lb-ft)

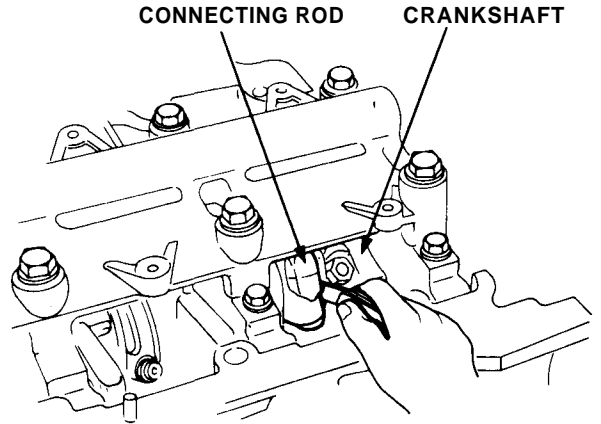
# Connecting Rods and Crankshaft

## End Play

### Connecting Rod End Play:

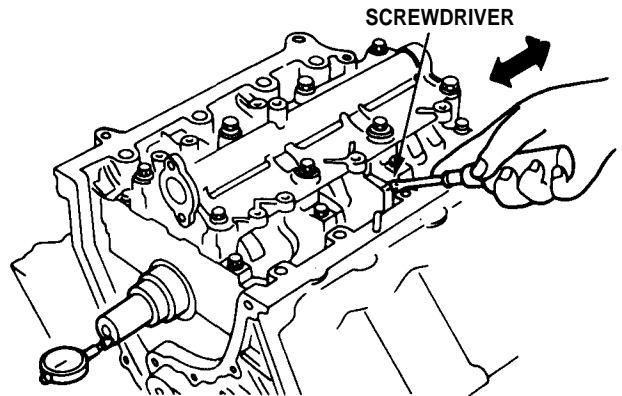
**Standard (New):** 0.15—0.30 mm  
(0.006-0.012 in)

**Service Limit:** 0.40 mm (0.016 in)



- If out-of-tolerance, install a new connecting rod.
- If still out-of-tolerance, replace the crankshaft (see pages 7-9, 7-10 and 7-18 to 7-21).

Push the crankshaft firmly away from the dial indicator, and zero the dial against the end of the crankshaft. Then pull the crankshaft firmly back toward the indicator; dial reading should not exceed service limit.



### Crankshaft End Play:

**Standard (New):** 0.10-0.35 mm  
(0.004-0.014 in)

**Service Limit:** 0.45 mm (0.018 in)

- If end play is excessive, inspect the thrust washers and thrust surface on the crankshaft. Replace parts as necessary.

**NOTE:** Thrust washer thickness is fixed and must not be changed either by grinding or shimming. Thrust washers are installed with grooved side facing outward.