

# Flywheel

## Inspection

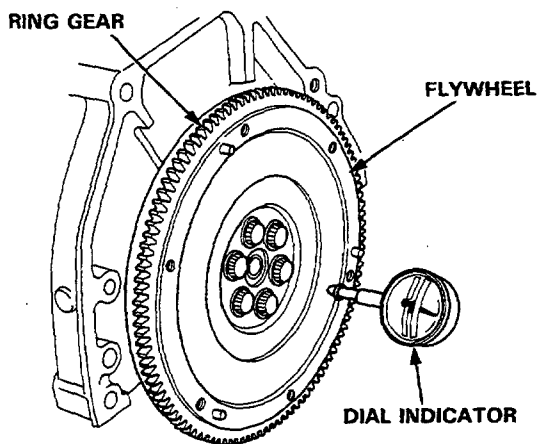
1. Inspect the ring gear teeth for wear and damage.
2. Inspect the clutch disc mating surface on the flywheel for wear, cracks, and burning.
3. Measure the flywheel runout using a dial indicator through at least two full turns. Push against the flywheel each time you turn it to take up the crankshaft thrust washer clearance.

NOTE: The runout can be measured with engine installed.

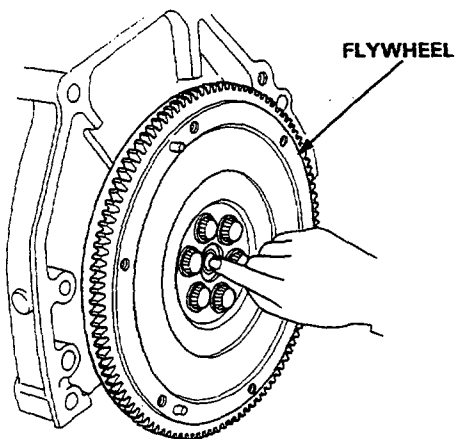
**Standard (New):** 0.05 mm (0.002 in) max.

**Service Limit:** 0.15 mm (0.006 in)

If the runout is more than the service limit, replace the flywheel and recheck the runout.

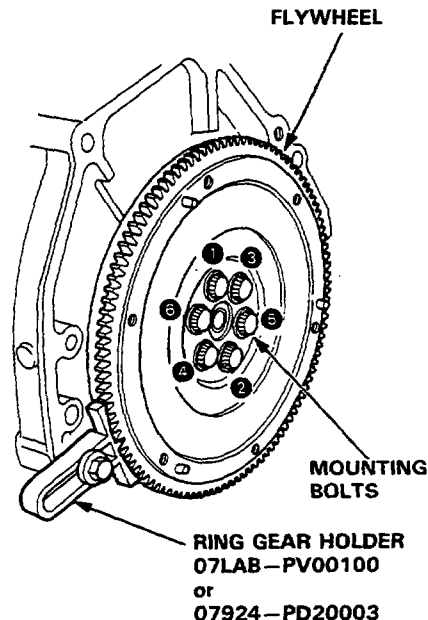


4. Turn the inner race of the flywheel bearing with your finger. The bearing should turn smoothly and quietly. Check that the bearing outer race fits tightly in the flywheel. If the race does not turn smoothly, quietly, or fit tight in the flywheel, replace the bearing.



## Replacement

1. Install the special tool as shown.
2. Remove the flywheel mounting bolts in a crisscross pattern in several steps as shown and remove the flywheel.



3. Remove the ball bearing from the flywheel.

