

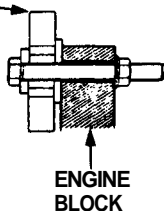
Flywheel and Drive Plate

Replacement

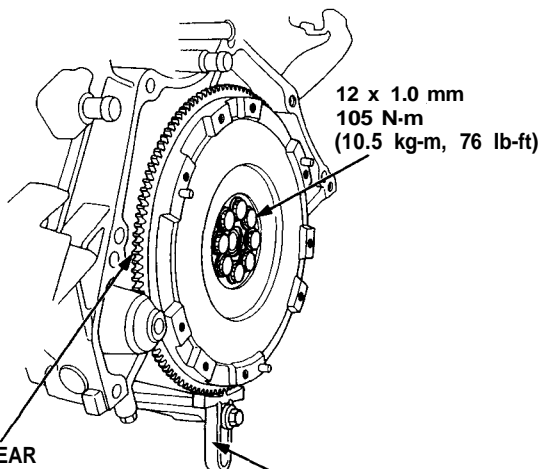
Manual Transmission:

Remove the eight flywheel bolts, then separate the flywheel from the crankshaft flange. After installation, tighten the bolts in a crisscross pattern.

RING GEAR HOLDER
07LAB — PV00100 or
07924 — PD20003



ENGINE
BLOCK

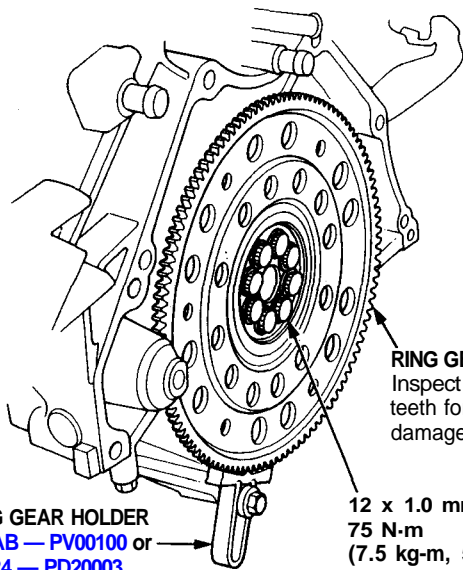


RING GEAR
Inspect ring gear
teeth for wear or
damage

RING GEAR HOLDER
07LAB — PV00100 or
07924 — PD20003

Automatic Transmission:

Remove the eight drive plate bolts, then separate the drive plate from the crankshaft flange. After installation, tighten the bolts in a crisscross pattern.



RING GEAR
Inspect ring gear
teeth for wear or
damage

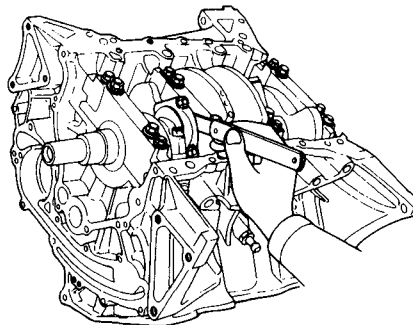
RING GEAR HOLDER
07LAB — PV00100 or
07924 — PD20003

Connecting Rod and Crankshaft

End Play

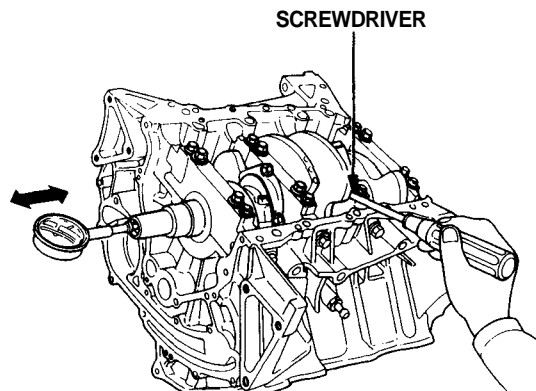
Connecting Rod End Play:

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



- If out-of-tolerance, install a new connecting rod.
- If still out-of-tolerance, replace the crankshaft (see pages 7-9 and 7-20).

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



Crankshaft End Play:

Standard (New): 0.10 — 0.29 mm
(0.004 — 0.011 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.