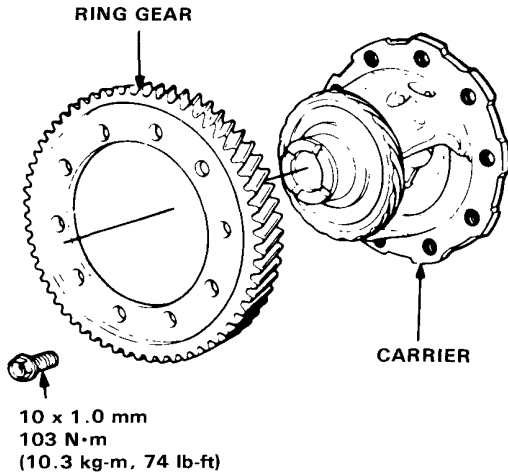


Differential

Reassembly (cont'd)

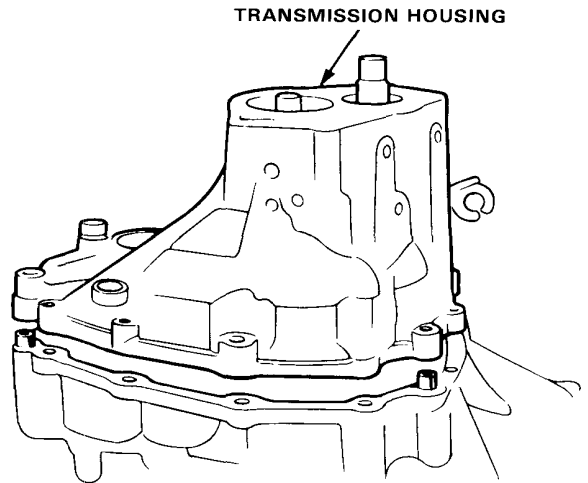
8. Install the ring gear with the chamfer on inside diameter facing the carrier.



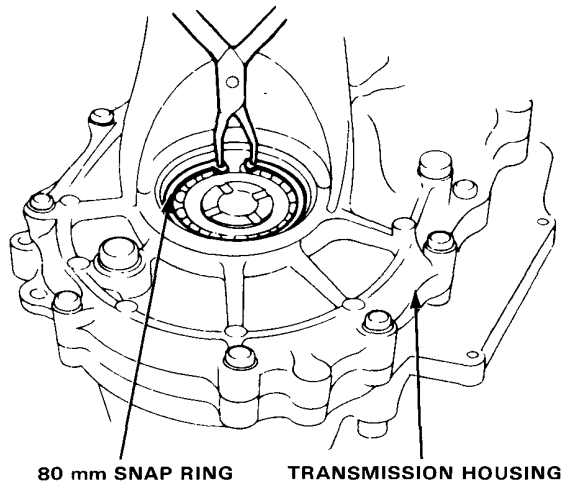
CAUTION: Ring gear bolts have left-hand threads.

Installation

1. Install differential assembly and all transmission gear assemblies in clutch housing. Refer to page 14-28.
2. Install dowel pins in clutch housing then carefully lower the transmission housing into place.



3. Install 80 mm snap ring in transmission housing.



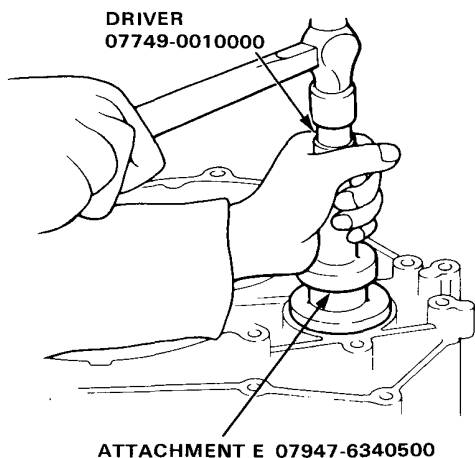
Side Clearance Measurement

NOTE: If clutch housing, transmission housing, differential carrier, or differential bearings were replaced, the differential side clearance must be measured.



4. Seat the snap ring.

Tap on clutch housing side of differential assembly with driver and attachment to seat 80 mm snap ring in transmission housing.

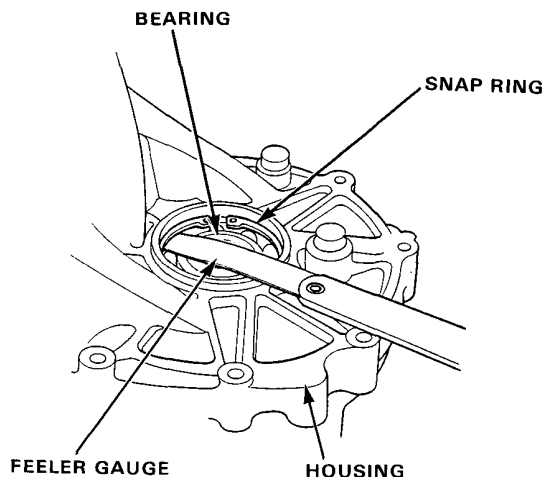


5. Turn the transmission over and seat the differential assembly.

Tap on transmission housing side of differential assembly with driver and attachment to seat the assembly in the clutch housing.

6. Measure clearance between snap ring and outer race of bearing in transmission housing.

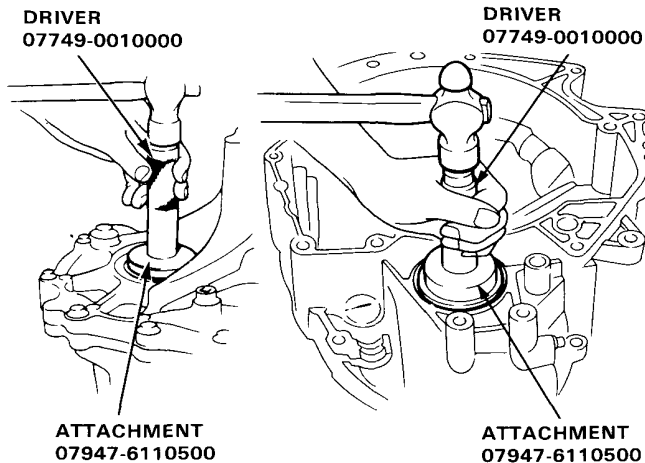
Side Clearance: 0.15 mm (0.006 in.) Max.



7. If out of limits, select new snap ring from following table and install. Repeat Steps 6-8.

Part Number	Thickness
90414-PC8-000	2.5 mm (0.098 in)
90415-PC8-000	2.6 mm (0.102 in)
90416-PC8-000	2.7 mm (0.106 in)
90417-PC8-000	2.8 mm (0.110 in)
90418-PC8-000	2.9 mm (0.114 in)

8. Apply oil to new differential seals and install them in clutch/torque converter housing and transmission housing with special tools as shown.



9. Refer to page 14-28 for assembly or remaining parts.