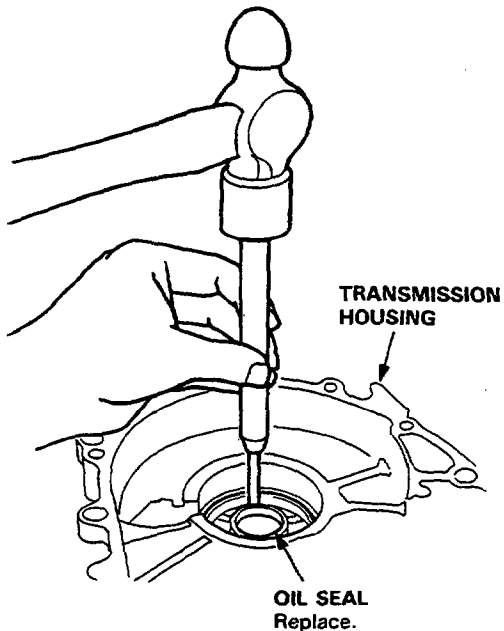


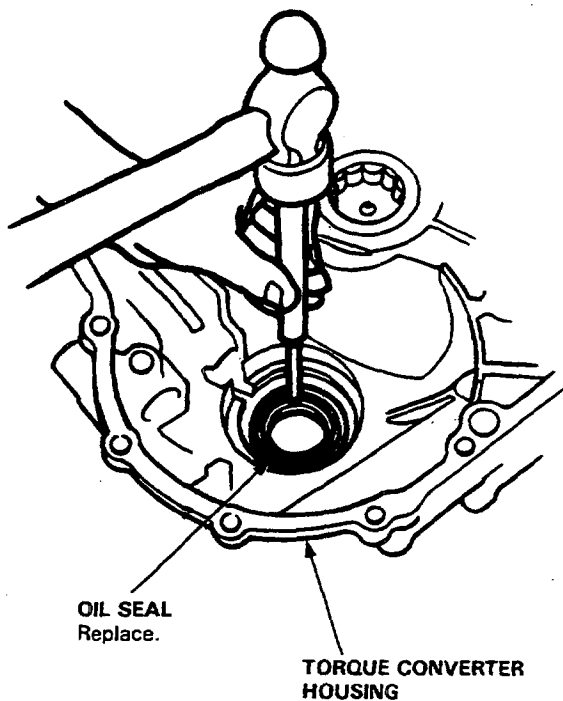
# Differential (Automatic Transmission)

## Oil Seal Removal

1. Remove the differential assembly.
2. Remove the oil seal from the transmission housing.

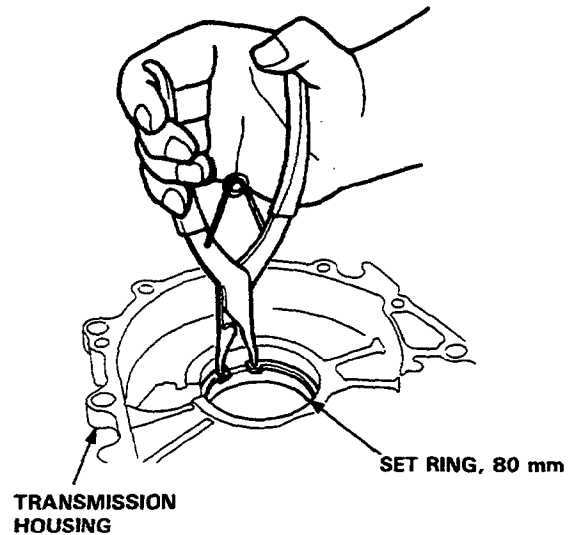


3. Remove the oil seal from the torque converter housing.

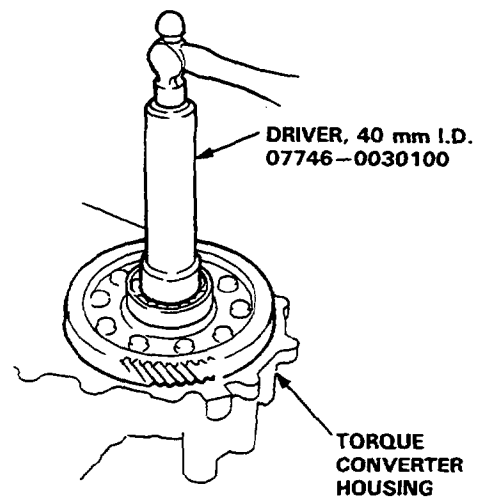


## Oil Seal Installation/Side Clearance -

1. Install a 2.50 mm (0.098 in) set ring, 80 mm in transmission housing.  
NOTE: Do not install the oil seal yet.



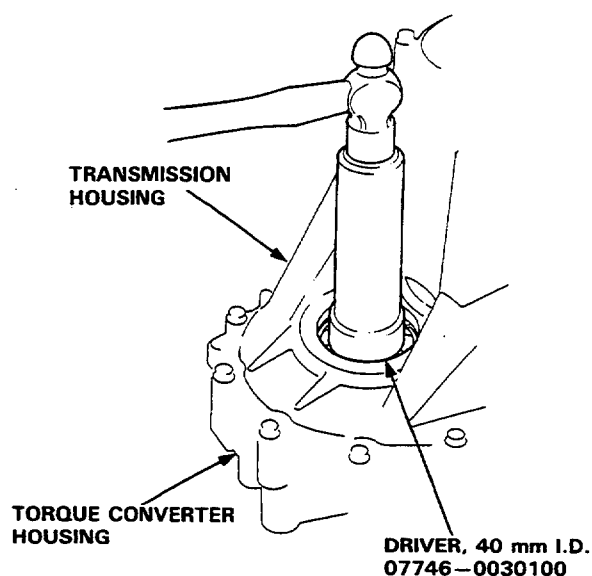
2. Install the differential assembly into the torque converter housing using the special tool as shown.



3. Assemble the transmission (see section 14).  
Install the transmission housing and tighten the bolts (see section 14).

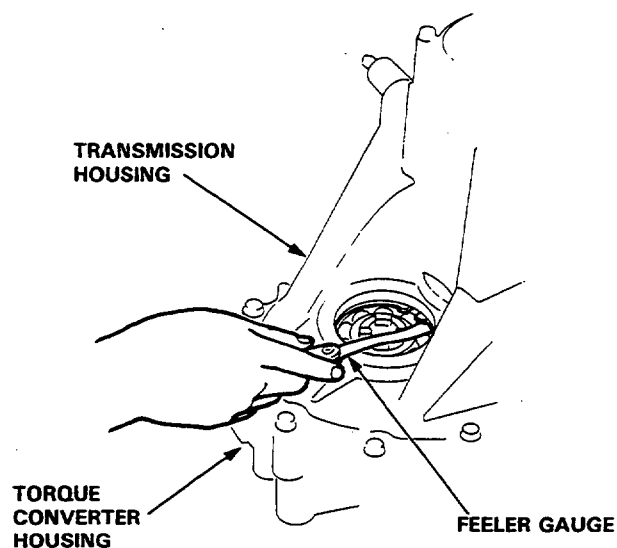


4. Tap on the transmission housing side of the differential assembly with the special tool to seat the differential assembly in the torque converter housing.



5. Measure the clearance between the set ring, 80 mm and outer race of the ball bearing in the transmission housing.

**STANDARD: 0–0.15 mm (0–0.006 in)**



6. If the clearance is more than the standard, select a new set ring, 80 mm from the following table and install:

**SET RING, 80 mm**

Part Number	Thickness
90414-689-000	2.50 mm (0.098 in)
90415-689-000	2.60 mm (0.102 in)
90416-689-000	2.70 mm (0.106 in)
90417-689-000	2.80 mm (0.110 in)
90418-689-000	2.90 mm (0.114 in)
90419-PH8-000	3.00 mm (0.118 in)

**NOTE:** If the set ring, 80 mm-to-ball bearing outer race clearance measured in step 5 is less than the specification, it is not necessary to perform steps 7 and 8.

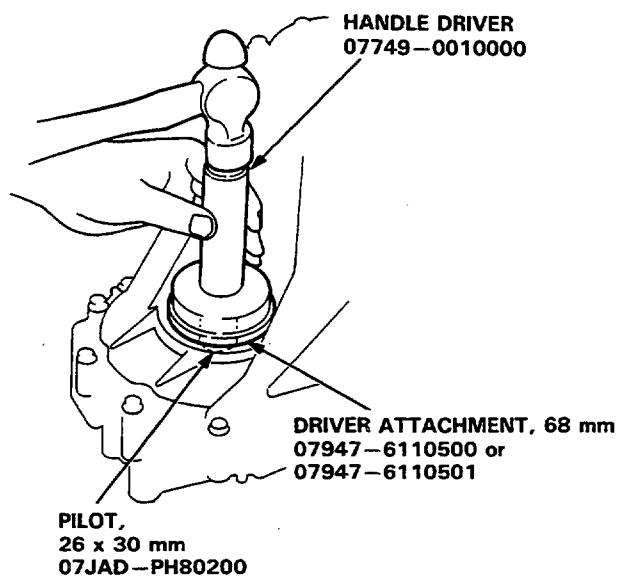
7. Remove the transmission housing.
8. Replace the 2.50 mm (0.098 in) set ring, 80 mm with the one of the correct thickness selected in step 5.
9. Install the transmission housing (see section 14).

(cont'd)

# Differential (Automatic Transmission)

## Oil Seal Installation/Side Clearance (cont'd)

10. Install the oil seal in the transmission housing using the special tools as shown.



11. Install the oil seal in the torque converter housing using the special tools as shown.

