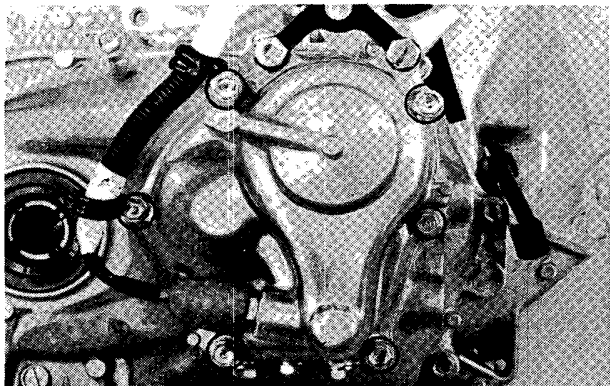


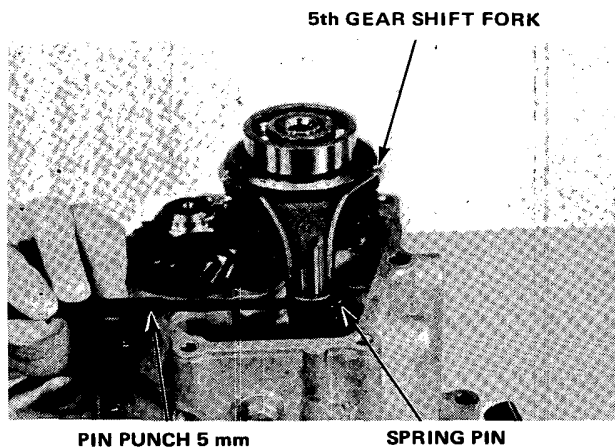
# 5-Speed Transmission

## 5th Gear Housing Snap Ring Inspection

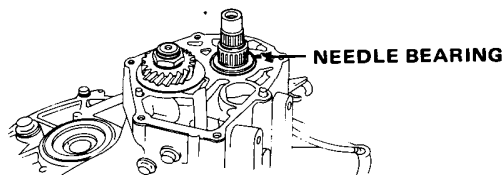
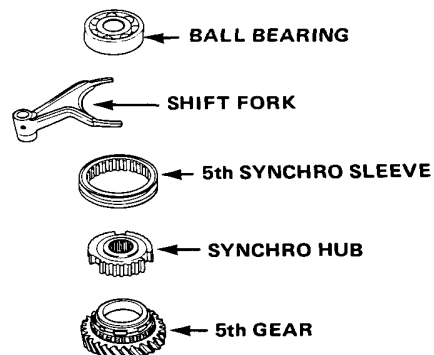
1. Remove the six 5th gear housing mounting bolts.



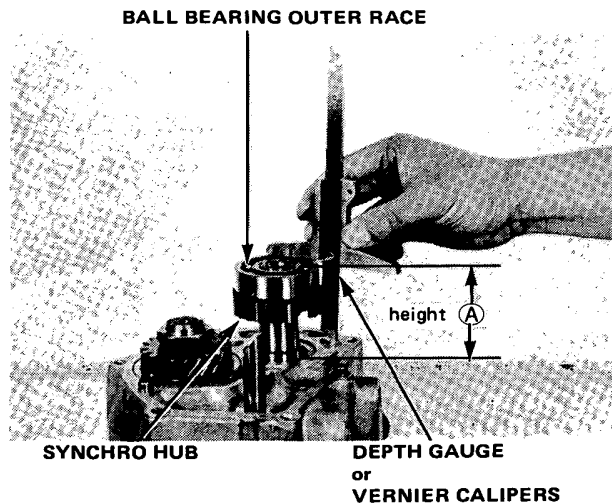
2. Remove the spring pin from the 5th gear shift fork.



3. Remove the outside parts from the mainshaft.

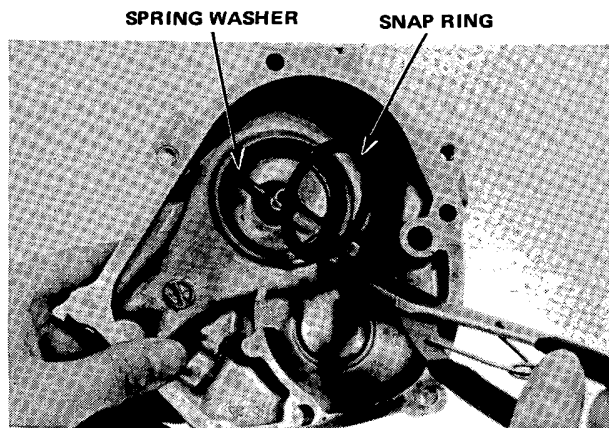


4. Reinstall the synchro hub and the ball bearing onto the mainshaft.
5. Clean all sealant residue from the transmission housing, then measure from the top of the ball bearing's outer race to the mounting flange for the 5th gear housing. Measure at two points and average the reading.

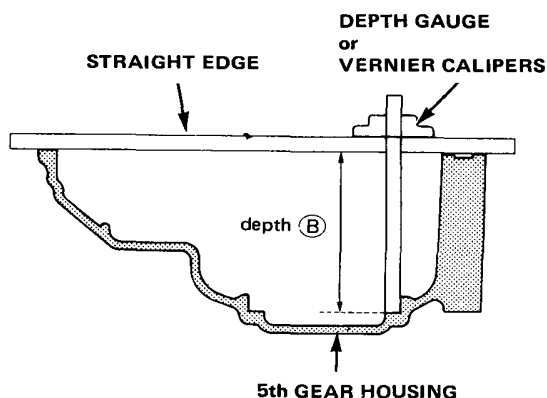




6. Remove the 52 mm spring washer and the snap ring from the 5th gear housing.



7. Place a straight edge on the 5th gear housing and measure the depth of the snap ring thrust shim installation hole. Measure at two points and average the readings. Subtract the thickness of the straight edge from the reading.



8. Select the correct thickness snap ring as follows:
- Subtract the bearing height (step 5) from the 5th gear housing depth (step 7).
  - Subtract the spring washer free height (0.85 mm / 0.033 in) from the dimension determined in step 8a.

**EXAMPLE:**

Housing depth:	58.05 mm (2.285 in)
Bearing height:	<u>-56.05 mm (2.207 in)</u>
	2.00 mm (0.078 in)
Spring washer height:	<u>-0.85 mm (0.033 in)</u>
Correct snap ring thickness	1.15 mm (0.045 in)

Parts Number	Thickness
23931-PE6-000	0.5 mm (0.020 in)
23932-PE6-000	1.1 mm (0.043 in)
23933-PE6-000	1.15 mm (0.045 in)
23934-PE6-000	1.20 mm (0.047 in)
23935-PE6-000	1.25 mm (0.049 in)
23936-PE6-000	1.30 mm (0.051 in)
23937-PE6-000	1.35 mm (0.053 in)
23938-PE6-000	1.40 mm (0.055 in)
23939-PE6-000	1.45 mm (0.057 in)
23940-PE6-000	1.50 mm (0.059 in)
23941-PE6-000	1.55 mm (0.061 in)