

Mainshaft

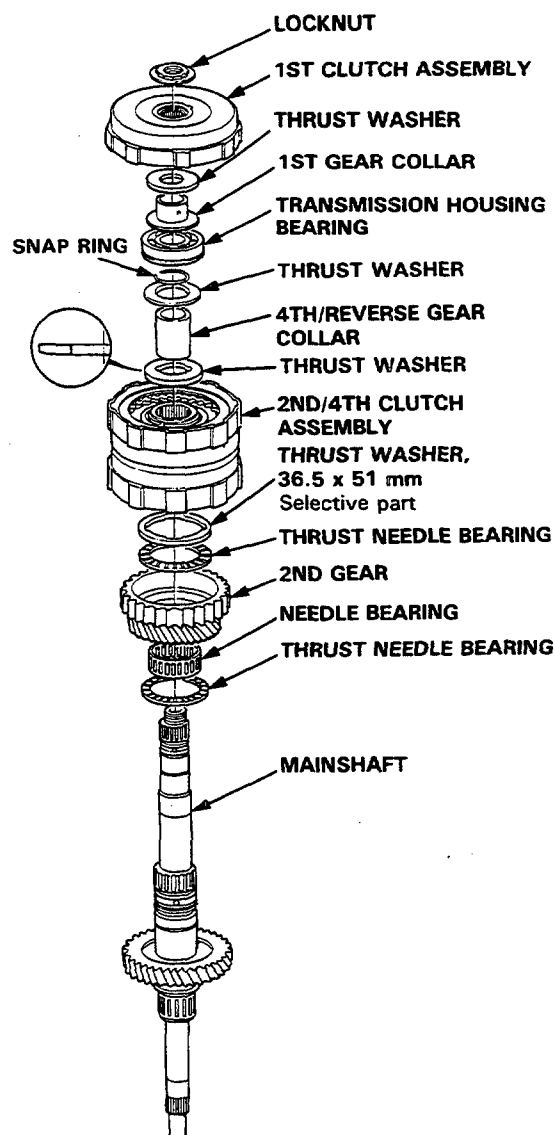
Inspection

● Clearance Measurement

NOTE: Lubricate all parts with ATF during assembly.

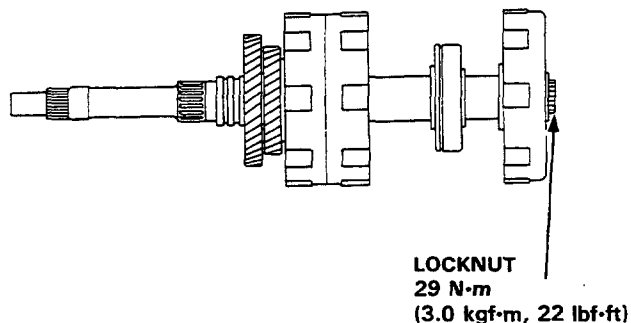
1. Remove the mainshaft bearing from the transmission housing (see page 14-112).
2. Assemble the parts below on the mainshaft.

NOTE: Do not assemble the O-rings while inspecting.



3. Torque the mainshaft locknut to 29 N·m (3.0 kgf·m, 22 lbf·ft).

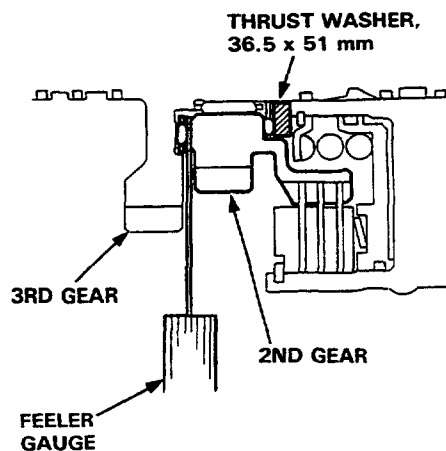
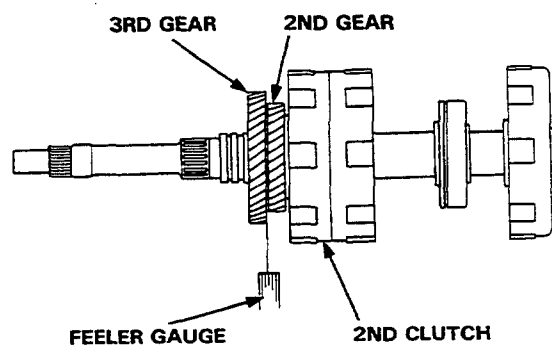
NOTE: Mainshaft locknut has left-hand threads.



4. Hold 2nd gear against the 2nd clutch, then measure the clearance between 2nd gear and 3rd gear with a feeler gauge.

NOTE: Take measurements in at least three places and take the average as the actual clearance.

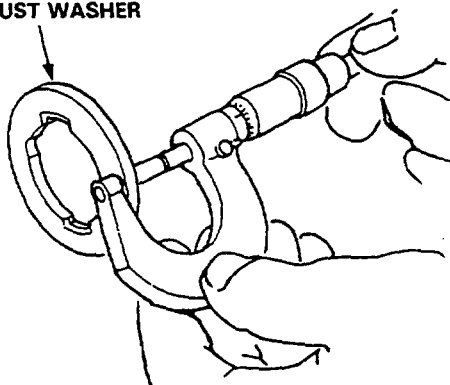
STANDARD: 0.05–0.13 mm (0.002–0.005 in)





5. If the clearance is out of tolerance, remove the thrust washer and measure the thickness.

THRUST WASHER



6. Select and install a new washer then recheck.

THRUST WASHER 36.5 x 51 mm

No.	Part Number	Thickness
1	90441-PC9-010	3.50 mm (0.138 in)
2	90442-PC9-010	3.55 mm (0.140 in)
3	90443-PC9-010	3.60 mm (0.142 in)
4	90444-PC9-010	3.65 mm (0.144 in)
5	90445-PC9-010	3.70 mm (0.146 in)
6	90446-PC9-010	3.75 mm (0.148 in)
7	90447-PC9-010	3.80 mm (0.150 in)
8	90448-PC9-010	3.85 mm (0.152 in)
9	90449-PC9-010	3.90 mm (0.154 in)

7. After replacing the thrust washer, make sure the clearance is within tolerance.