

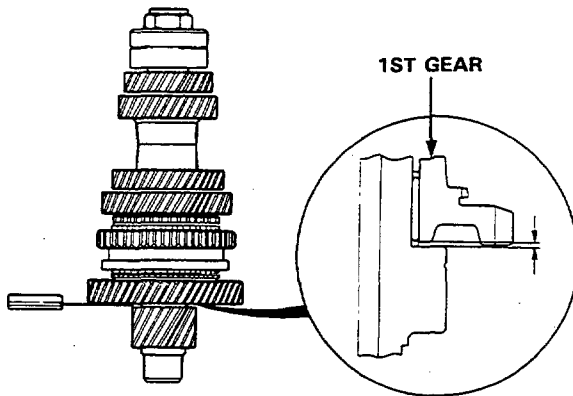


Clearance Inspection

NOTE: If replacement is required, always replace the synchro sleeve and hub as a set.

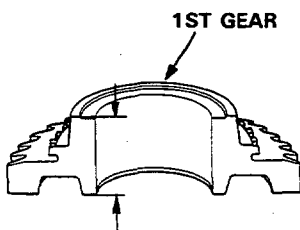
1. Measure the clearance between the countershaft and 1st gear.

Standard: 0.03–0.10 mm (0.001–0.004 in)
Service Limit: 0.22 mm (0.009 in)



2. If the clearance is more than the service limit, measure the thickness of 1st gear.

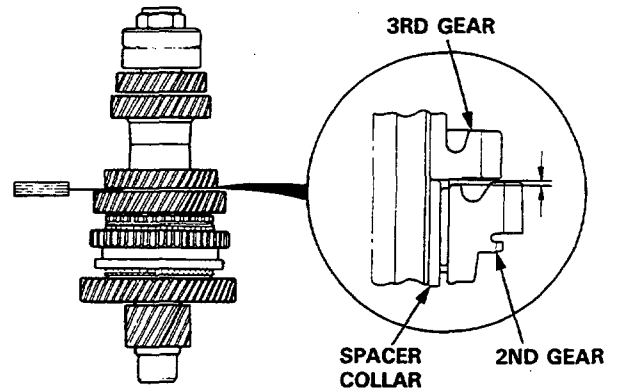
Standard: 30.41–30.44 mm
 (1.197–1.198 in)
Service Limit: 30.36 mm (1.195 in)



- If the thickness of 1st gear is less than the service limit, replace 1st gear with a new one.
- If the thickness of 1st gear is within the service limit, replace the 1st/2nd synchro hub with a new one.

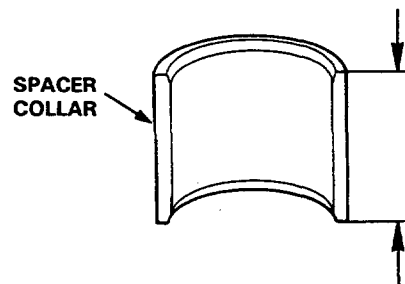
3. Measure the clearance between 2nd and 3rd gears.

Standard: 0.03–0.11 mm (0.001–0.004 in)
Service Limit: 0.23 mm (0.009 in)



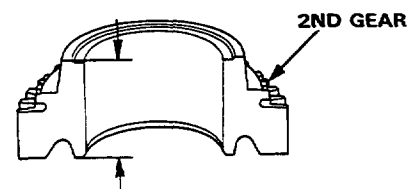
4. If the clearance is more than the service limit, measure the thickness of the spacer collar.

Standard: 32.03–32.06 mm
 (1.261–1.262 in)
Service Limit: 32.01 mm (1.260 in)



5. If the thickness is less than the service limit, replace the spacer collar with a new one. If the thickness is within the service limit, measure the thickness of 2nd gear.

Standard: 31.92–31.97 mm
 (1.257–1.259 in)
Service Limit: 31.85 mm (1.254 in)



- If the thickness of 2nd gear is less than the service limit, replace 2nd gear with a new one.
- If the thickness of 2nd gear is within the service limit, replace the 1st/2nd synchro hub with a new one.