

Countershaft Assembly

Inspection

- 1. Inspect the gear surfaces and bearing surfaces for wear and damage, then measure the countershaft at points A and B inspect oil passages for clogging.

Standard:

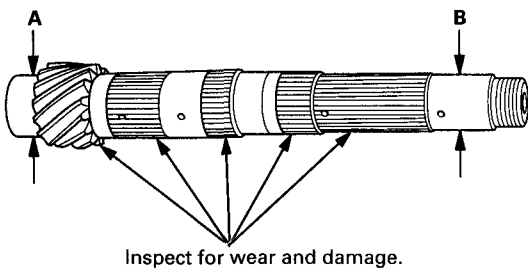
A (Needle bearing surface): 43.974 – 43.990 mm
(1.7313 – 1.7319 in)

B (Ball bearing surface): 33.984 – 34.000 mm
(1.3380 – 1.3386 in)

Service limit:

A: 43.920 mm (1.7291 in)

B: 33.930 mm (1.3358 in)

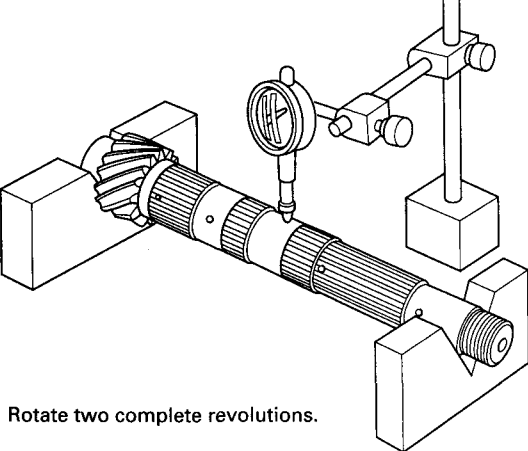


If any part of the countershaft is less than the service limit, replace it with a new one.

- 2. Support the countershaft at both ends, and inspect for runout.

Standard: 0.02 mm (0.001 in) max.

Service Limit: 0.05 mm (0.002 in)



If the runout exceeds the service limit, replace the countershaft with a new one.