

**COMPLAINT**

SECONDARY COMPLAINT

**2nd gear damage from roller bearing**

- Frequent roller bearing replacement

**CAUSE**

Axial thrust load of hardened needle rollers on softer gear.

**CORRECTION**

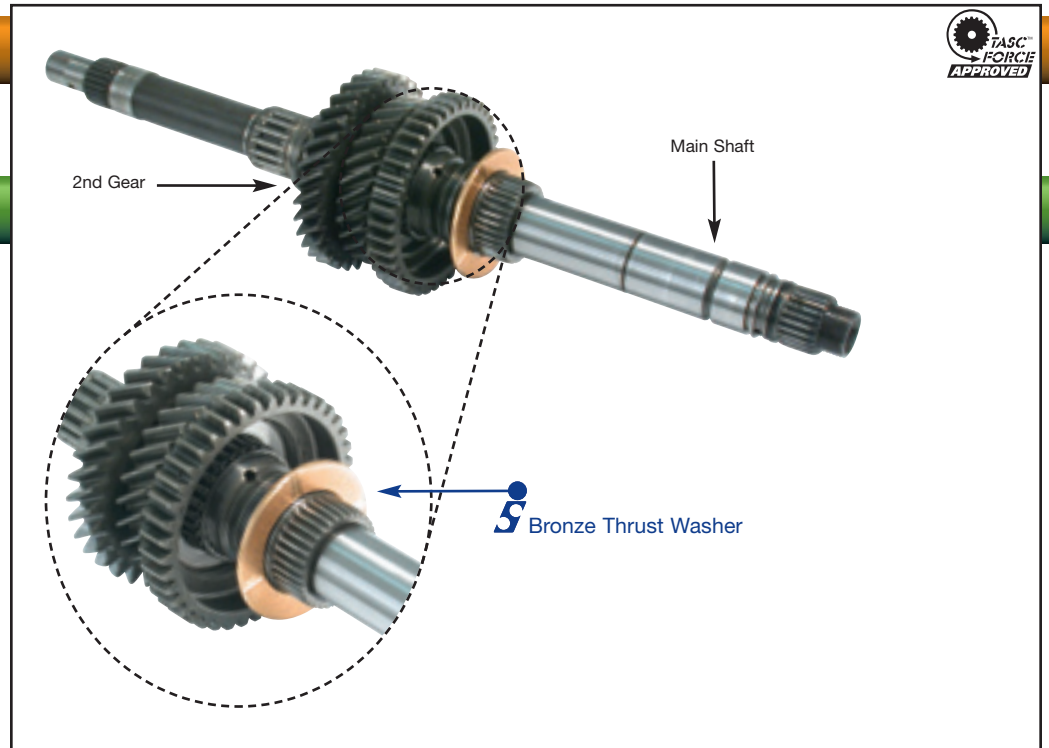
These high-quality bronze thrust washers are designed to more effectively withstand the wear and axial thrust load of the mainshaft 2nd gear assembly.

**Main Shaft  
2nd Gear  
Thrust Washers**

**88406-SP  
88406B  
88406C**

Each includes the following  
1 Bronze Thrust Washer

**Note:** The gear thrust surface must be in good condition. A worn gear will cause failure.



**Sonnax Part Summary**

On Honda 4-speed transmissions, the mainshaft 2nd gear wears severely from contact with the 2nd clutch needle roller bearing. This bearing also needs frequent replacement due to wear. The wear on the gear and the bearing is due to the axial thrust load on the assembly. Replace the needle bearing with Sonnax part number **88406-SP**, **88406B** or **88406C**. These high-quality bronze thrust washers are designed to more readily withstand the wear and axial thrust load of the mainshaft 2nd gear assembly.

<i>Sonnax No.</i>	<i>Application</i>	<i>OD</i>	<i>Thickness</i>
<b>88406-SP</b>	AK, AS, F4, L4, CA, PL	2.028"	.084"
<b>88406B</b>	some G4	2.185"	.084"
<b>88406C</b>	G4, K4, L5, PL5X	2.185"	.103"