Ford Power Steering Noise Caused by Pulley Position

**Application:** All vehicles equipped with Ford C2 style pumps (typical unit shown below with aluminum housing and plastic reservoir).

**Problem:** Noisy power steering pump operation not attributed to air in the system.

**Cause:** The belt pulley may not be pressed on the shaft in the proper position. Side loading from the misaligned pulley forces internal parts to rub, causing noisy operation.

**Solution:** Make sure the pulley is pressed on \( \frac{1}{8} \) inch past the end of the shaft as shown below. Proper pulley alignment is critical for all applications. Always replace bent or damaged pulleys.

**Note:** Allow 500 mile break-in for this style pump. Noisy operation can also be the result of air in the system or restricted fluid flow. Refer to Pro-Techs PT 20-0002, PT 20-0003, PT 20-0004 and PT 20-0005.