

## FEL-PRO INSTALLATION TIPS

### CRANKSHAFT REPAIR SLEEVE

Use Tool 16301 to install Sleeve 16258.

**Sleeve may appear slightly out-of-round due to shipping. Sleeve will re-shape itself when installed onto crankshaft.**

**IMPORTANT:** If extended metal fingers interfere with installed sleeve, grind approximately .005" to .010" off the end of fingers to allow for sleeve clearance.

### CLEAN AND REMOVE ANY BURRS FROM CRANKSHAFT.

**PRIOR TO INSTALLING** repair sleeve, ensure crankshaft has a chamfered end at a 45° angle and at least .050" wide. Chamfer is required to start sleeve onto shaft and seat deep enough so it won't interfere with flywheel. Add chamfer with file if needed.

**INSTALL REPAIR SLEEVE.** Position sleeve with a slightly bent egg shape inside tool. Align and tap sleeve onto shaft. Be sure to bottom out sleeve so lip is inside chamfer of shaft to avoid flywheel interference.

**LUBRICATE OUTER SURFACE** of sleeve and lip by applying a thin coat of grease or motor oil. **INSTALL SEAL.**