





## CRANKSHAFT LOCKING TOOL INSTRUCTIONS

This is a useful little tool that will fit in your tool box and take all the pain out of installing/removing the crankshaft nut and or your (threaded) cooling fan.

This tool is a precision CNC manufactured tool made from Delrin and will not scuff the internal housing of the engine. The tool is designed to assist modelers in the removal and re-assembly of the crankshaft nut and threaded fan assemblies where applicable.

**This tool will work on the following engines:** OS50, YS50, OS70, OS91CSPEC, OS91SZ, YS91 and possibly others.

**Disclaimer:** We assume no liability associated with the use of this tool. Use at your own risk.

STEP	INSTRUCTION	IMAGE
1	The tool is used by removing the back plate from the engine and positioning the crank pin in the <b>bottom dead center position</b> and sliding it over the connecting rod assembly. Then insert the tool with the associated slot over the connecting rod.	
2	This is a double ended universal tool.	
3	The smaller end (top of photo) will work on the OS50 and YS50 engines and possibly others.	
4	The larger end (top of photo) will work on the OS70, OS91CSPEC, OS91SZ, YS91 engines and possibly others.	