

Piston Locking Tool Instructions

A piston locking tool allows you to keep the crankshaft from rotating while installing or removing the clutch nut. The piston slides up the sleeve and hits the stop on the piston locking tool and therefore keeps the crankshaft from rotating further so you can tighten or loosen the nut. Do not apply too much pressure to the clutch nut while installing it as it can possibly cause damage to your connecting rod. You only need to snug up the clutch nut once it has bottomed out on the flywheel; anything after that is too much.

To use the piston locking tool, you need to start by cleaning the engine's head if you are starting with a dirty engine. This will keep debris from falling into the combustion chamber. This can be done by using a compressor, motor spray or by flushing the area with fuel from your fuel bottle. Remove the glow plug if there is one in place and set it on a clean surface to ensure you don't get debris in it and therefore in your engine. Make sure your piston locking tool is clean before installing it into the engine's head. Thread the locking tool in the head and stop once it bottoms out. There's no need to apply a lot of pressure to the piston locking tool; finger tight is all you need to do the job. Once you have removed or installed your clutch nut you can simply unthread the tool and install your glow plug.