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INSTRUCTIONS

MOTION PRO CRANKSHAFT PULLER TOOL P/N 08-0631

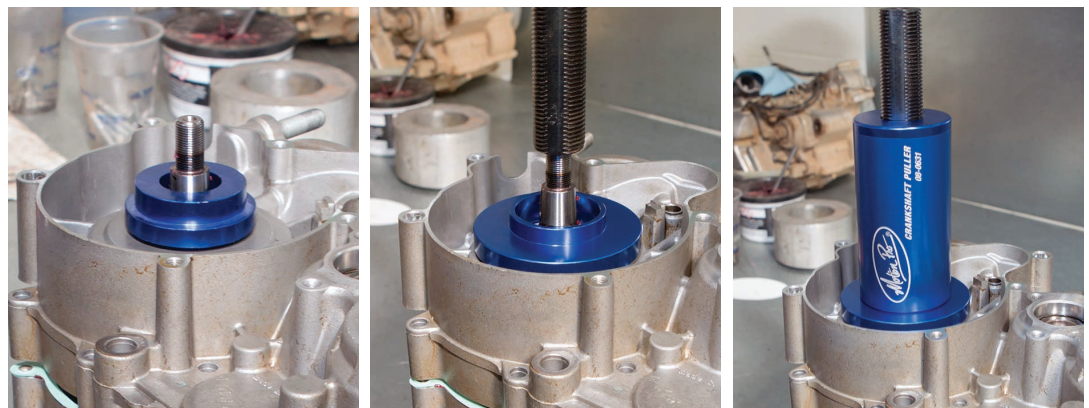
WARNING! Refer to your factory service manual for instructions on the procedure for which you are using this tool. Failure to follow service manual instructions and/or improper use of this tool could result in great bodily injury or death. Always wear safety glasses when using this tool.

Introduction

The Motion Pro Crankshaft Puller is a tool that will allow you to safely and accurately pull a crankshaft into an engine case without the use of a shop press. The tool is designed to work with crankshafts with male threads size M10 x 1.25 and M12 x 1.25, and other type threaded crankshafts by using the adapter with the OEM crankshaft bolt or nut.

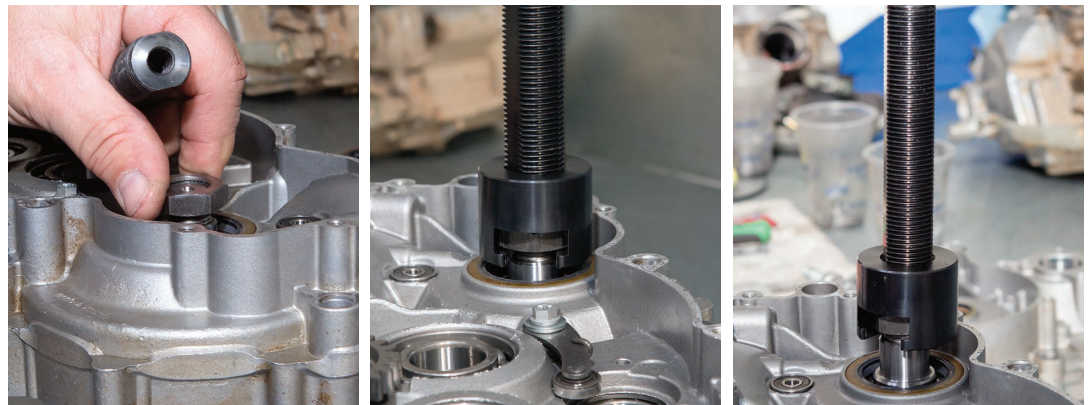
Puller set up with male M10 x 1.25 or M12 x 1.25 threaded crankshaft:

Place the engine case over the end of the crankshaft and install one of the adapter plates on the case if needed. Thread one end of the reversible stud onto the male threaded end of the crankshaft. Align the flats of the puller cup with the flats on the reversible stud and place the cup over the stud.



Puller set up with adapter:

With a female threaded crankshaft and OEM bolt, or a male threaded crankshaft with a thread size different from either M10 or M12, use the adapter to connect the reversible stud to the crankshaft as shown.



Complete assembly and pull the crank into the case:

Lubricate the stud threads with good quality medium weight grease. Place the brass thrust washer and nut onto the reversible stud and tighten with hand tools. Hold the puller cup with one hand to keep the assembly steady. Turn the nut to draw the crank bearing into the case until it is fully seated. Repeat the process with the other side and the other case half, taking care to make sure all dowel pins and gaskets or seals are in place and that the two halves have proper alignment as you draw them together.

