

Crank Pin & Main Shaft Installation

Due to manufacturing tolerances we try to supply keys slightly oversized as it is better to fit an oversized key then to try to shim an undersized key. (Unless the customer can provide us with exact measurements for fit)

Step: 1

Check Main shaft fit in flywheel first for **too loose, too tight or just right.**

Step: 2

If main shaft is loose in flywheel use **Loctite sleeve retainer.**

Step: 3

If main shaft is too tight in flywheel polish hole with flap wheel as required.

Step: 4

If main shaft fits in flywheel then install crank pin and peen over crank pin.

Step: 5

Then install main shaft. (***Main shaft may be tighter due to installing crank pin this is normal***)

Step: 6

When installing main shaft make an under size alignment key that doesn't touch the taper in the flywheel and acts as a guide to maintain alignment.

Step: 7

Fit key to main shaft and flywheel (**It's ok to have some key sticking out if it doesn't flush up with flywheel and shaft**)

Crank Pin

Measure Crank Pin Hole in 6 different spots to find the average hole size, that number is what we need to machine a crank pin.

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