



## Piston Rod Guide

### Contents List:

**1 - Rod Guide**

**2 Sets - Quick Change Adapters**

Constructed of durable high quality plastic to protect from metal to metal contact. Prevents damage to crankshafts and piston cylinder walls by protecting exposed piston rod bolts, and at the same time, safely guides piston rods during removal and installation.

A safe, easy-to-use tool designed to assist in the removal and installation of pistons and rod assemblies. Rod guide has two sets of quick change adapters that snap in and out of prong ends.



### TO REMOVE PISTON:

1. Remove nuts from piston rod bolts.
2. Place small adapters into prong ends and onto rod bolt ends.
3. Tap base of tool with palm of hand or hammer to break loose rod cap union.
4. Remove bottom rod cap and small adapters.
5. Place prong ends of tool onto piston rod bolts and push on base to remove piston rod ends through cylinder bore.

### TO INSTALL PISTON:

1. Spread prongs of tool over crankshaft and push up through cylinder bore and onto piston rod bolts.
2. Apply piston ring compressor and start piston into cylinder bore.
3. Tool may be removed when piston rod properly seals onto crankshaft.

This guide tool provides user with a "GO" or "NO GO" feature. If rod angle isn't correct during removal and installation of piston, the tool will not allow you to continue without making adjustments to correct crankshaft angle by turning crankshaft. This helps prevent damage to crankshaft and cylinder walls caused by misalignment.

### Related Component (Sold Separately):

ALL96481 4.5" Rod Guide Tool Extensions, 1-Pair



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