



Unique CPV Tool Protects Replacement O-Seal Stem Seals During Installation.

Every new CPV O-Seal valve provides leakproof assurance to 6000 psi. Properly maintained they should provide long, reliable service. The stem seals are made of ethylene propylene, polyurethane, DuPont Viton™, etc. and should be inspected at appropriate intervals depending on system conditions and frequency of use.

To maintain CPV's leakproof standard after stem seal replacement, the "U" cup installation tool developed by CPV should be used. This tool is inexpensive, easy to use, and enables users to replace a stem seal in less than a minute.

By compressing the outer sealing lip and expanding the inner lip, the kit makes it easy to slip the "U" cup stem seal over the valve stem. Once the stem seal is properly installed on the valve stem, it can be easily inserted into the bonnet gland and secured without damaging the critical edges of the seal.

A CPV Replacement Soft Goods Kit can also be ordered in the pipe size and soft goods material specified for the user's application. This kit contains one of each: stem seal, body O-ring, back-up ring, and seat O-ring.

CPV has been a leading manufacturer of valves and fittings since 1915. The company's innovative designs are well suited to standard applications, as well as one-of-a-kind custom requirements. For more information or technical literature on Mark VIII O-Seal valves and fittings or other CPV products contact:

Charles J. Horter
Sales Manager
CPV Manufacturing, Inc.
851 Preston Street
Philadelphia, PA 19104-1598
Phone: (215) 386-6508
Toll free: (888) 386-2211
Fax: (215) 387-9043
Website: www.cpvvmfg.com



Dash Number	Pipe Size	Tube Size	Tool Part No.	Stem Seal Part No.*
-0	1/8	1/4	056930	001905-*
-1	1/4	3/8	056930	001905-*
-2	3/8	1/2	056932	001909-*
-3	1/2	3/4	056933	001919-*
-4	3/4	1	056933	001919-*
-5	1	1 1/4	056935	001927-*
-6	1 1/4	1 1/2	056936	001935-*
-7	1 1/2	2	056937	001953-*
-8	2	-	056937	001953-*

*Be sure to specify the stem seal material desired by adding the appropriate suffix (dash number):

Ethylene Propylene	ED
Polyurethane	EA
Viton (DuPont™)	EE

How to install "U" Cup Stem Seals in CPV O-Seal System Valves



CPV Flexibility

The CPV "U" Cup Installation Tool can be used on a variety of O-Seal System Valves: Shut-Off, Needle, Stop Check or Valve Cartridges:

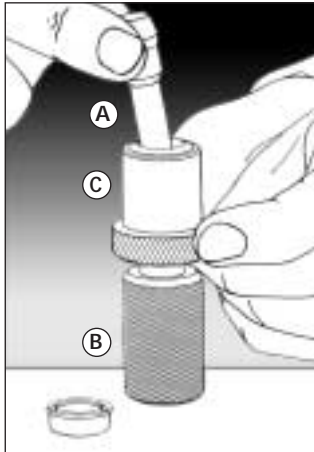
The relevant catalog numbers are as follows:

Shut-Off: 365, 370, 371, 380, 381 and 382

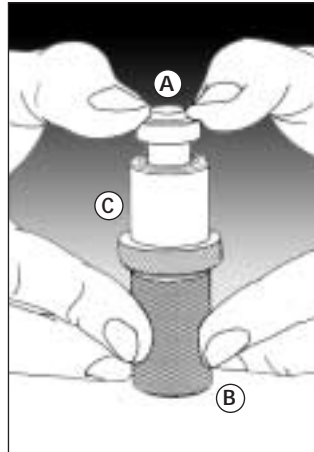
Needle: 465, 470, 471, 480, 481 and 482

Stop Check: 565, 570, 571, 580, 581 and 582

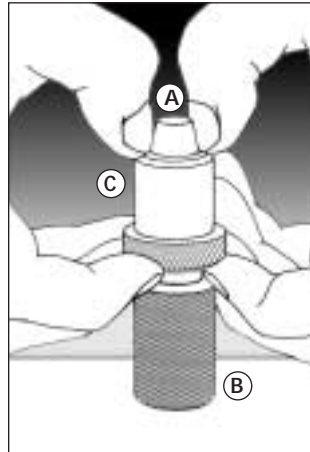
G-Series: Shut-Off & Needle configurations



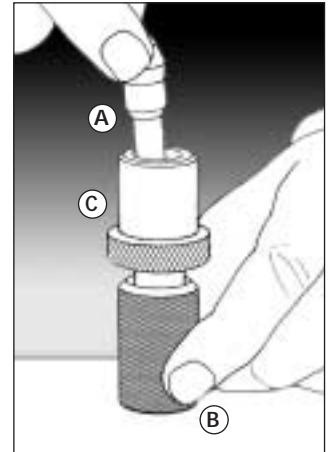
1. Insert items A and C onto item B.



2. With the sealing lips facing away from the tool, slide the "U" cup over the taper on item A.



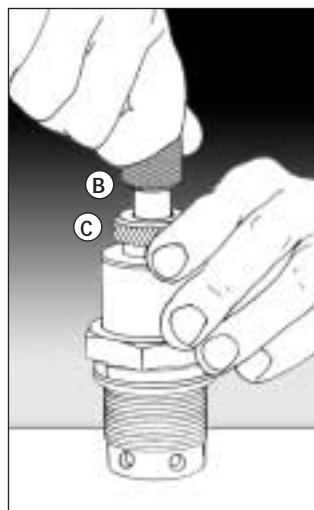
3. Continue to press the "U" cup over the item A until the cup is stopped by the shoulder of item B. At the same time, pull up on item C until it covers the "U" cup.



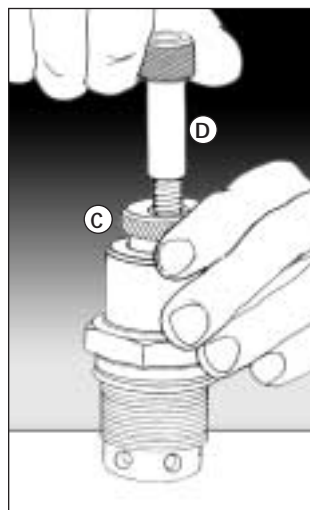
4. Remove item A.



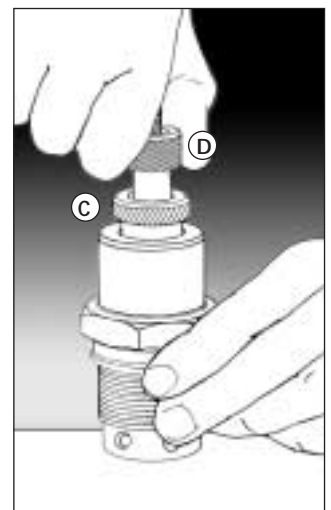
5. Invert items B and C with the "U" cup. Slip the tool assembly over the valve stem and into the bonnet gland.



6. Hold down item C while removing item B.



7. Insert item D.



8. Press down on item D to seat the "U" cup in the gland.

9. Remove the tool assembly.



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