

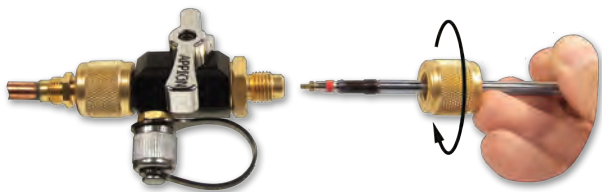


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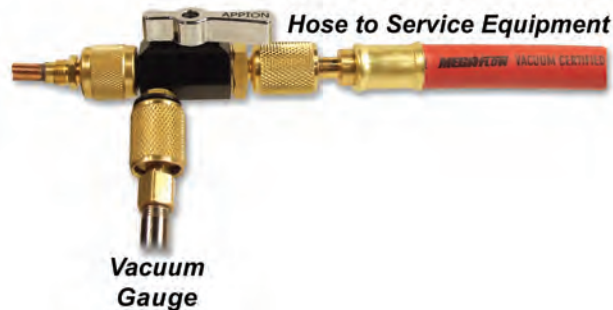
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Using a Valve Core Removal Tool

1. **Hand-tighten** the female swivel fitting of the tool on to the system access port.
2. Apply pressure to the Valve Core Removal Tool Stem Assembly and rotate the stem until it locks onto the valve core. If the Stem Assembly isn't locking on the the valve core, it may not be a standard sized core. Please review the Valve Core Removal Tool Guide on the reverse side of this page. This will demonstrate how to adjust the stem tip.
3. Apply pressure while rotating the stem counter-clockwise until the valve core is loosened completely.



4. Pull the stem away from the service port to remove the valve core, close the ball valve and unscrew the stem from the tool.
5. The male port **where the stem unscrewed** from, now has maximum flow. Use this port for service hose attachment.



6. Be sure to reinstall the valve core after service is complete, by reversing the above steps for installation.
7. Use the side port to attach vacuum or pressure gauges.

Service Tips:

To help achieve a vacuum-tight seal, a light coating of vacuum grease or vacuum pump oil may be applied on the system access port.

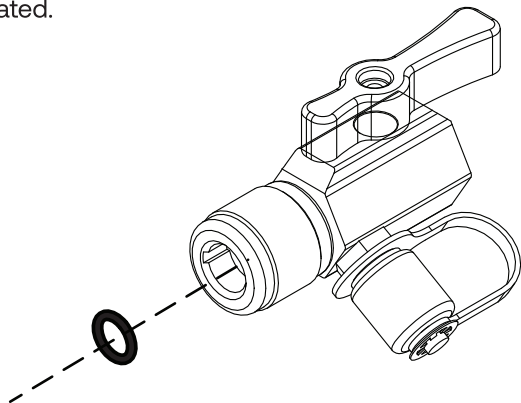
The Valve Core Removal Tool must be hand-tight ONLY. Over tightening using a wrench may damage the gaskets or fittings, creating a leak.



Installation Guide MV06

Use an O-Ring from the bag labeled MV06.

Use a bent pick to remove and replace the o-ring as illustrated.



Note: Apply Clean Vacuum Pump Oil or Vacuum Grease to all of the o-rings prior to installation.

Valve Core Removal Tool Guide

Adjust the stem for hard to grab valve cores



Figure 1. Tightening Tip



Figure 2. Loosening Tip

WARNING: Do not use excess force when tightening or loosening the stem tip. Incremental adjustments to stem tip are recommended.

Repair Kits

KTMV25: 2x Valve Core Removal Tool Rebuild Kit

KTMV40: 10x Body Swivel Fitting O-rings (All Tools)

