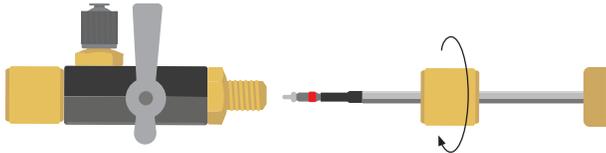
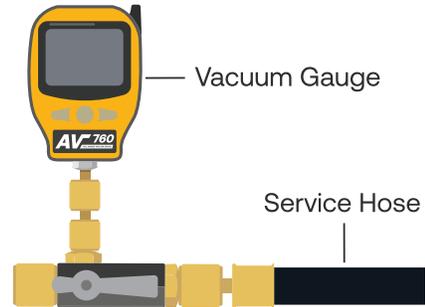


# Using a Valve Core Removal Tool

1. Hand-tighten the female swivel fitting of the tool onto the system access port. Never tool tighten a knurled fitting.
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 onto the valve core, it may not be a standard size core. Please review the Valve Core Removal Tool Guide on the reverse side of this page. The graphic demonstrates 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, from which the stem unscrewed, now provides maximum flow. Use this port for service hose attachment.



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

## TECH TIP:

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-tightened ONLY. Over-tightening by using a wrench may damage the gaskets or fittings, creating a leak.

## 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 Videos



Scan here to view our Repairs YouTube Playlist where you can access step-by-step procedures on how to repair your Valve Core Removal Tool.

Body Swivel Fitting



## Compatible Repair Kits

**KTMV25:** Rebuilds 2 Valve Core Removal Tools

**KTMV50:** 10 Body Swivel Fitting O-Rings, 10 Stem Assembly O-Ring Sets