

CORE REMOVAL TOOLS

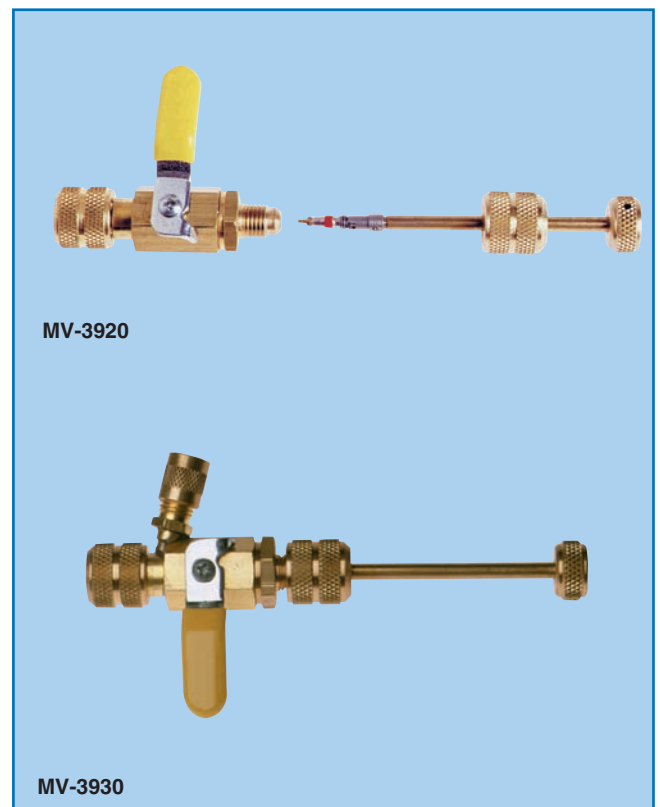
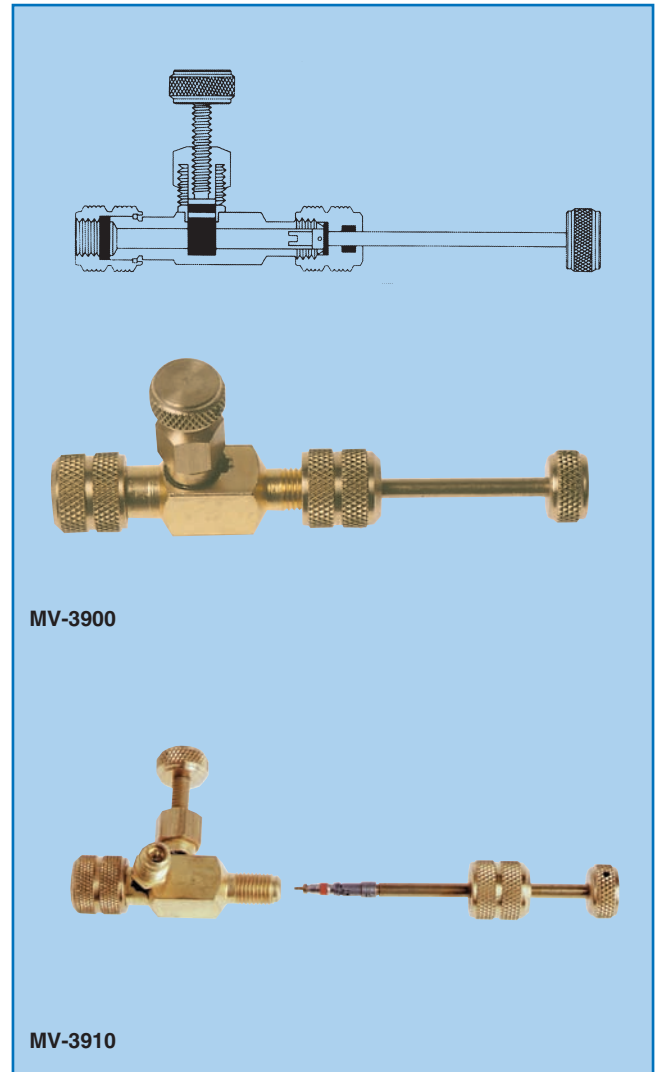
MV-3900	1/4" FFL x 1/4" MFL rear with shut off valve
MV-3910	1/4" FFL x 1/4" MFL rear with shut off valve and 1/4" MFL side port (+ core)
MV-3936	3/16" FFL x 3/16" MFL rear with shut off valve (AUTOMOTIVE)
MV-3920	1/4" FFL x 1/4" MFL rear with ball valve
MV-3930	1/4" FFL x 1/4" MFL rear with ball valve and 1/4" MFL side port (+ core)

SPECIFICATIONS

- These core removal tools are used to remove a valve core from a male flare access fitting, without loss of refrigerant.
- With the valve core out, many operations can be performed, including:
 - Replacing a bad core.
 - Adding or removing refrigerant more efficiently.
 - Measuring system pressure by attaching a gauge.
- MV-3920 and MV-3930 have been improved with an easy finger 1/4 turn ball valve design.
- These patented core removal tools are strictly manufactured in accordance with the ARI norms and US standards.

OPERATING INSTRUCTIONS

1. Attach the tool with the front coupler to a 1/4" male flare fitting, thumb tight.
 2. With the shut-off valve (or ball valve) **completely** open, push extractor rod in and secure the valve core.
 3. Turn extractor rod counter clockwise to unscrew the core.
Caution: grasp extractor rod tightly when unscrewing valve core when higher system pressure is expected.
 4. Slowly allow extractor rod to extend back as far as possible to allow the shut-off valve (or ball valve) to be closed. (System pressure will help.)
 5. Close shut-off valve (or ball valve) completely by turning the knob clockwise.
 6. Remove rear coupler, extractor rod and valve core. With the valve core removed, system can be accessed through the 1/4" male flare rear fitting of the tool (or the side port if available).
 7. To replace a valve core, put new valve core on extractor rod end and attach extractor rod coupler to rear fitting on the tool, thumb tight.
 8. Open shut-off valve (or ball valve) **completely** by turning the knob counter clockwise.
 9. Push extractor rod in and secure valve core in fitting by turning clockwise.
- Note:** when side port is not used, make sure the cap is always installed.



ACCESSORIES AND SPARE PARTS FOR CORE REMOVAL TOOLS

See **MV-39...**

- MV-5555** Kit-gaskets for MV-3900 and MV-3910
- MV-5560** Kit-side valve for MV-3900 and MV-3910
- MV-5577** Kit-valve core grapppler & extractor for MV-3900 and MV-3910. Remove a core without loss of refrigerant.

- MV-3090** Punches a hole in copper tubing through a "V-SERIES" fitting for the installation of a core without loss of gas.

- MV-3915** **PICK TOOL** to extract a broken core from a housing without loss of refrigerant. Has left hand thread...

- MV-3916** **THREAD CHASER TOOL** to clean and re-align the internal threads of any access fitting.

- MV-3917** **SPARE KIT** containing MV-3915 & MV-3916

- "0" RING** See diverse **"0" RING** replacements.

