



HCEVCK438 Core Removal 1/4 Female OPERATION MANUAL



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Designed and engineered in USA

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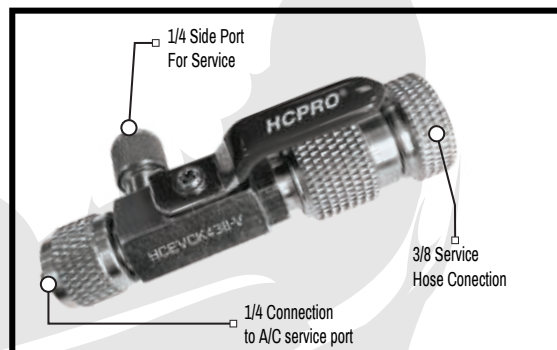
INTRODUCTION

The HCEVCK438 Core Removal Tools is designed to remove and replace a defective valve core without losing refrigerant, and to speed up the vacuum process.

This tool is designed for A/C systems with 1/4 threaded service ports with standard type valve cores, the 3/8 service hose connection is for a fast evacuation, 1/4 side port for service.

When you remove the valve core you are maximizing the flow up to 90 % to save you time on the job. Evacuating with Quick Flow kit will help to achieve the ultimate vacuum in less time.

All of this is possible with the combination of the 5 ft supreme 3/8 hose and core removal tool included on this kit.



1/4" Valve Core Removal

Part #	22-0072
Model	HCEVCK438-V



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GENERAL SAFETY INSTRUCTIONS: Only qualified service personnel should operate this item. Most states, countries, etc... may require the user to be licensed.

CAUTION: Avoid breathing refrigerant vapors or mist. Breathing high concentration levels may cause heart arrhythmia, loss of consciousness, suffocation and even death. Please read the manufactures material safety data sheet for further safety information.

DANGER: All service ports may contain liquid refrigerant under pressure. Contact with refrigerant may cause frostbite or other related injuries. Wear proper protective equipment such as safety goggles and gloves, when disconnecting from any service.

PLEASE USE EXTREME CAUTION
ONLY QUALIFIED SERVICE PERSONNEL SHOULD OPERATE THIS UNIT.

INSTALLATION AND REMOVING INSTRUCTIONS

1. Attach the front swivel 1/4 nut to the service port of the A/C unit. 3/8 Nut should be tight (Ball Valve should be in close position).

2. With the ball valve open and the extractor rod securely attached to the valve body via the rear swivel nut, push the extractor rod in. Then engage the valve core turning it counterclockwise in order to remove it. DANGER: High pressure will be present in the valve at this point.

3. Pull the extractor rod as far as possible and close de valve. Note if the valve does not close, reinstall core back in the A/C unit and repeat steps 1 to 3.

4. Close the ball valve, loose the rear swivel 3/8 nut and remove the extractor rod from the valve body; valve core should be captured on the end of the extractor rod. Remove and discard valve core.

5. The system can be accessed through the 1/4 side port for service if is require at the time.

6. Install a new core onto the end of the extractor rod and connect it back on the 3/8 valve body, nut should be thumb tight.

7. Open the ball valve. DANGER: High pressure will be present in the valve at this point.

8. Push the extractor rod in and tightly secure the valve core in the service port by turning the extractor rod clockwise until thumb tight.

9. To remove tool from the system service port, pull the extractor rod as far as possible. Close ball valve. Attach a manifold hose to the 1/4 side port (If pressure exists on the manifold gauge, the core maybe leaking or not correctly installed).

10. If no pressure on the manifold gauge, remove tool from the system service port.

11. For a fast Vacuum process please repeat steps 1 to 4 and connect the 3/8 hose to the services 3/8 site of the valve.

