

### SCHRADER VALVE CORE REMOVER / INSTALLER TOOLS

Used in an AC&R system to remove / install the Schrader Valve Core from an 1/4" (7/16" 20UNF) or 5/16" (1/2" 20UNF) Male SAE for R410a service ports **without loss of refrigerant**.

Valve Core Grappler with Neoprene O-Ring which holds the Schrader Valve Core even if the system is not under pressure.

Once removed the Schrader Valve Core it is possible :

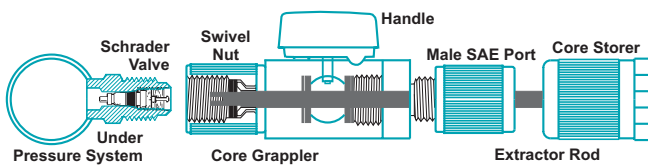
- Replace it if damaged or faulty;
- A faster evacuation, recovery and recharge of refrigerant in a system. Tool internal full flow Ø .22" (5,75 mm.).

#### Specifications :

- Compact brass body for long service;
- 1/4" (7/16" 20UNF) or 5/16" (1/2" 20UNF) Female SAE Swivel Nut with extended knurling for easy grip and Neoprene O-Ring;
- Core storer knurled eliminating slippage with storing compartment and plastic cap. May contain 4 - four spare Schrader Valve Cores;
- Full flow Ball Valve (1/4 turn completely closed or opened);
- Valve Core Grappler and Extractor Rod in Stainless Steel AISI 303.

**Maximum Pressure :** 250 Psi (17,5 Bar);  
500 Psi (35 Bar for VCRI-54, -55).

**NOTE :** For safety it is recommended to switch off the Heat Pump and wait 5 - five minutes until system pressures are equalized before using the tool.

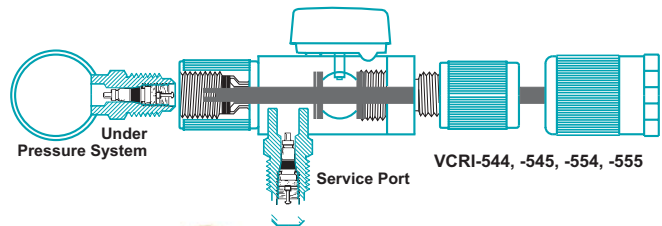


Model	Description
<b>VCRI- 4 4</b>	Valve Core Remover / Installer Tool <b>1/4"</b> (7/16" 20UNF) <b>Female SAE</b> Swivel Nut with Neoprene O-Ring x <b>1/4"</b> (7/16" 20UNF) <b>Male SAE</b> . For R134a, R404a, R407c, R422a, R422b, R422c, R422d, R507...
<b>VCRI- 5 4</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> swivel nut w/Neoprene O-Ring x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE. R410a and R-32.</b>
<b>VCRI- 5 5</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> swivel nut w/Neoprene O-Ring x <b>5/16"</b> (1/2" 20UNF) <b>M. SAE. R410a and R-32.</b>
<b>Spare Parts</b>	
<b>P90011</b>	Neoprene O-Ring <b>1/4"</b> (7/16" 20UNF) <b>F. SAE</b> Swivel Nut - smaller cross section.
<b>P90021</b>	Neoprene O-Ring <b>1/4"</b> (7/16" 20UNF) <b>F. SAE</b> Swivel Nut - bigger cross section.
<b>-108 MN</b>	Neoprene O-Ring for <b>5/16"</b> <b>F. SAE</b> Swivel Nut.
<b>VCRI-01</b>	Extractor rod with grappler and swivel nut.
<b>VCRI-02</b>	Schrader Valve Core Grappler with Neoprene O-Ring.

### SCHRADER VALVE CORE REMOVER / INSTALLER TOOL with SIDE SERVICE PORT

- A faster system evacuation without using a Manifold Gauge;
- Calculating the Superheat with a Digital Thermometer (accessory SDS4X01 only on Model VCRI-444);
- Measuring the system pressure during the Refrigerant Recovery process;
- Measuring the microns during the evacuation process;
- 1/4" (7/16" 20UNF) Male SAE side Service Port with Schrader Valve Core and Cap for VCRI-444, -545, -544.
- 5/16" (1/2" 20UNF) Male SAE side Service Port with Schrader Valve Core and Cap for VCRI-554 and -555.

**Maximum Pressure :** 250 Psi (17,5 Bar for VCRI-444);  
500 Psi (35 Bar for VCRI-5\_\_)



Model	Description
<b>VCRI-444</b>	Valve Core Remover / Installer tool w/side Service Port. <b>1/4"</b> (7/16" 20UNF) <b>Female SAE</b> Swivel Nut with Neoprene O-Ring x <b>1/4"</b> (7/16" 20UNF) <b>Male SAE</b> with Valve Core and Cap x <b>1/4"</b> (7/16" 20UNF) <b>Male SAE.</b>
<b>VCRI-544</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE S.P.</b> x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE. R410a, R-32.</b>
<b>VCRI-545</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE S.P.</b> x <b>5/16"</b> (1/2" 20UNF) <b>M. SAE. R410a, R-32.</b>
<b>VCRI-554</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> x <b>5/16"</b> (1/2" 20UNF) <b>M. SAE S.P.</b> x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE. R410a, R-32.</b>
<b>VCRI-555</b>	<b>5/16"</b> (1/2" 20UNF) <b>F. SAE</b> x <b>5/16"</b> (1/2" 20UNF) <b>M. SAE S.P.</b> x <b>5/16"</b> (1/2" 20UNF) <b>M. SAE. R410a, R-32.</b>
<b>Accessories</b>	
<b>VCRI-90</b>	Punching Tool for copper tubing (VCRI-444, -544, -554).
<b>VCRI-15</b>	Broken Schrader Valve Extractor Tool (-444, -544, -554)
<b>VCRI-16</b>	Schrader Valve Rethreading Tool (VCRI-444, 544, -554)