

### 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 :

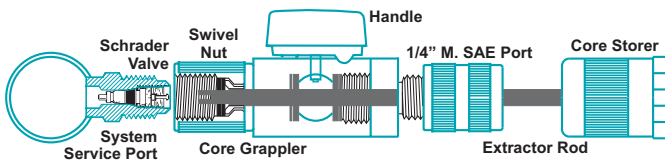
- Replace it if damaged or faulty;
- A faster evacuation, recovery and recharge of refrigerant in a system. Tool internal full flow Ø .22" (5,75 mm.).

#### 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 AISI 303 Stainless Steel;
- 1/4" (7/16" 20UNF) Male SAE rear connection.

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

**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
VCRI- 4 4	Valve Core Remover / Installer Tool 1/4" (7/16" 20UNF) Female SAE Swivel Nut with Neoprene O-Ring x 1/4" (7/16" 20UNF) Male SAE. For R134a, R404a, R407c, R422a, R422b, R422c, R422d, R507...
VCRI- 5 4	5/16" (1/2" 20UNF) F. SAE with Neoprene O-Ring x 1/4" (7/16" 20UNF) M. SAE. R410a.
<b>Accessories</b>	
AD45	Adapter 1/4" (7/16" 20UNF) Female SAE w/Neoprene O-Ring x 5/16" (1/2" 20UNF) Male SAE. R410a.
<b>Spare Parts</b>	
P90011	Neoprene O-Ring 1/4" (7/16" 20UNF) F. SAE Swivel Nut - smaller cross section.
P90021	Neoprene O-Ring 1/4" (7/16" 20UNF) F. SAE Swivel Nut - bigger cross section.
-108 MN	Neoprene O-Ring for 5/16" F. SAE Swivel Nut. R410a.
VCRI-01	Extractor rod with grappler and swivel nut.
VCRI-02	Schrader Valve Core Grappler with Neoprene O-Ring.

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

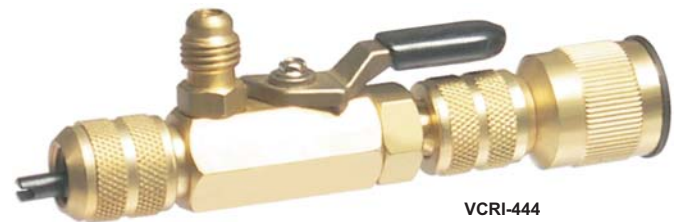
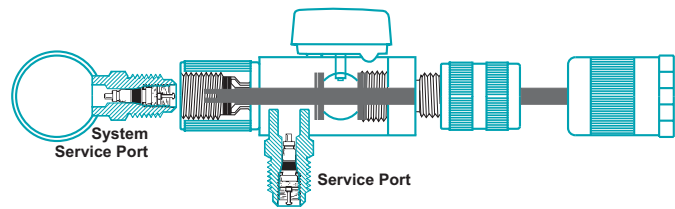
Beside VCRI-44 and - 54 functions it is also possible :

- A faster system evacuation without using a Manifold Gauge;
- Calculating the Superheat with a Digital Thermometer (accessory SDS4X01 only on Model VCRI-4 4 4);
- Measuring the system pressure during the Refrigerant Recovery process;
- Measuring the system vacuum value during the evacuation process.

#### Specifications :

- 1/4" (7/16" 20UNF) Male SAE side Service Port with Schrader Valve Core and Cap for VCRI-444 and -544.
- 5/16" (1/2" 20UNF) Male SAE side Service Port with Schrader Valve Core and Cap for VCRI-554.

**Maximum Pressure :** 250 Psi (17,5 Bar for VCRI-444);  
500 Psi (35 Bar for VCRI-554, -544)



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