



TLVC5

ON-VEHICLE VALVE CORE SERVICE FOR R-134A AND R-1234YF SYSTEMS.

The CPS[®] Automotive A/C Valve Core Repair Tool Kit lets you remove and install valve cores in fully charged R-134a and R-1234yf systems—quickly, cleanly, and without refrigerant loss.

Engineered for Compatibility & Control.

Equipped with multiple control stems and quick disconnects for both high- and low-side service ports, this tool is ready for virtually any valve core configuration in the field. The built-in ball valve and threaded remover let you isolate the system and minimize refrigerant loss during service.

Repair Without Releasing Refrigerant.

Designed for use with R-134a and R-1234yf automotive systems, this universal kit allows you to access and replace valve cores while the system remains pressurized—no need to recover and recharge, even on large systems.

Valve Core Control Stems (Universal)

Precision-machined control stems interface with different valve core types ensuring a tight seal and reliable core engagement across a wide range of vehicle platforms. The interchangeable stems make the kit compatible with most domestic, Asian, and European A/C systems.

Valve Body

The central housing of the tool, the valve body integrates the internal threading, ball valve mechanism, and connection points that allow secure attachment to the service port and control stem. It acts as the structural hub for safe, leak-free core removal and installation under system pressure.

Quick Disconnect R-134a High and Low

These couplers provide fast, secure attachment to standard R-134a service ports. Color-coded and spring-loaded for ease of use, they maintain a firm seal while allowing full access for valve core servicing without refrigerant loss.

Quick Disconnect R-1234yf High and Low

Specially designed to fit the newer R-1234yf systems, these quick disconnect couplers meet SAE J639 standards for safety and performance. They enable compatibility with modern vehicles while supporting rapid, clean connection and disconnection during service.

R-134A & R-1234YF UNIVERSAL A/C VALVE CORE REPAIR TOOL KIT



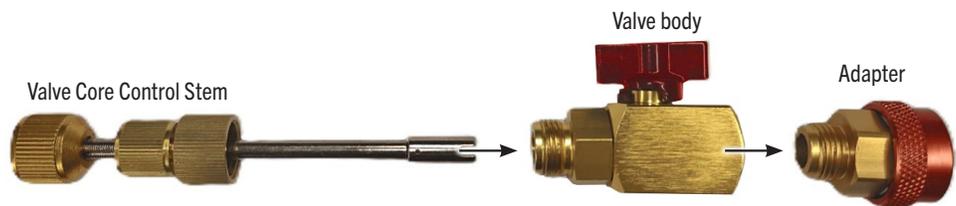
CPS® Valve Core Control Stems stems provide direct compatibility with specific valve core types, allowing techs to service a wide range of A/C systems under pressure without discharging refrigerant. The variety ensures the tool kit is universal, improving efficiency and avoiding the need for multiple tools across different vehicles.

	Valve Core Control Stem	Common Vehicle Applications	Port Size / Type	Notes
	Standard Valve Core	Most passenger vehicles	Standard Schrader-type	Most widely used; universal fit
	GM Large Bore	GM trucks, SUVs, high-capacity systems	Larger bore Schrader-type	Allows faster recovery/recharge due to larger flow path
	JRA Valve Core	Japanese vehicles (Toyota, Honda, Nissan, etc.)	JRA-specific threading and dimensions	Essential for compatibility with JRA-standard systems
	8mm Valve Core	Compact cars, small imports	8mm diameter port	Typically used on low-side ports of smaller systems
	10mm Valve Core	European vehicles, specialty systems	10mm diameter port	Bridges the gap between standard and large bore

Tool Set-Up

Select correct adapter and valve core stem according to vehicle compatibility.

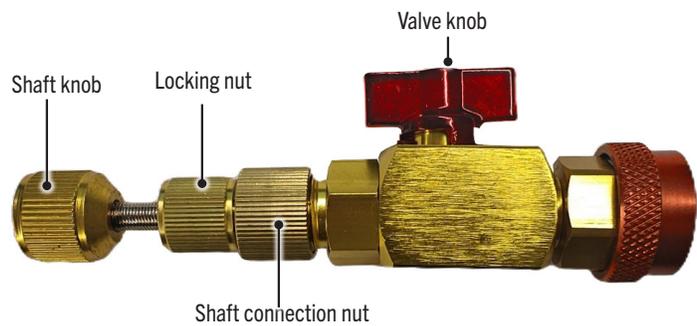
Connect the adapter and shaft to the valve body. Tighten all connections to avoid refrigerant leakage.



Tool in Use

Open the valve knob to extend the shaft and connect the adapter to the vehicle's service port. Carefully engage and remove the valve core by rotating the shaft.

After core removal, close the valve, withdraw the shaft, and install a new core using the same process. Always confirm system pressure and valve placement before disconnecting.



Packaging Specifications

CPS Part#	TLVC5	Warranty	1 Year	Outer Pack Weight	34.17
Brand	CPS Automotive	Unit Weight	3.3	Outer Pack Length	18.11
Description	A/C Valve Core Repair Tool Kit	Case Length	10.94	Outer Pack Width	11.81
UPC	750377121968	Case Width	8.5	Outer Pack Height	14.17
HTS Code	8206.00.00.00	Case Height	2.63	Master Carton Qty	10



PREMIUM A/C PRODUCTS BUILT
SPECIFICALLY FOR TECHNICIANS

ZMC25-00041 Rev A