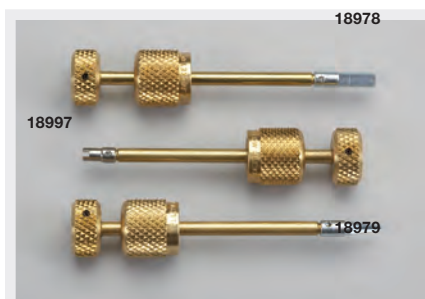


RECOVERY MACHINES
VACUUM PUMP SYSTEMS
VACUUM AND CHARGING HOSES
HOSE ADAPTERS, VALVES AND PARTS
CHARGING SYSTEMS
GAUGES
WIRELESS AND ELECTRONIC INSTRUMENTS
HEATING INSTRUMENTS
LEAK MONITORS AND DETECTORS
SYSTEM TOOLS

1/4" 4-IN-1 BALL VALVE TOOL

For vacuum, charge, cores and recovery



Remove and replace Schrader cores without losing charge.

- Extra 1/4" side port on 18975 to attach electronic micron vacuum gauge right at system for greater accuracy or to add refrigerant
- Evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process

UPC#	Description
18975	Vacuum/charge valve with side port
18971	Vacuum/charge valve without side port
18980	Accessory set - 2 piece
18978	Schrader rethreading accessory
18979	Broken Schrader remover accessory
18983	Quad rings (10 pak)
18997	Grappler rod/nut assembly
18973	Gasket for 18975 (5 pak)
18974	Seal kit includes core, cap, 4 "O" rings, gasket
19305	Schrader cores (10 pak)

5/16" 4-IN-1 BALL VALVE TOOL

For R-410A systems with 5/16" access ports



Similar to the 1/4" 4-in-1 core tool but with 5/16" flare fittings. For use with R-410A systems and mini splits with larger 5/16" service ports.

UPC#	Description
18985	5/16" Vacuum/charge valve with side port
18981	5/16" Vacuum/charge valve without side port
18987	5/16" Grappler rod/nut assembly
18988	5/16" Rethread accessory
18989	5/16" Schrader remover
18984	Seal kit includes core, cap, 4 "O" rings, gaskets
19173	5/16" Quick coupler x 1/4" MFL Schr
19305	Schrader cores (10 pak)

COMPACT BALL VALVES

1/4" and 5/16"



Compact ball valves feature full flow for charging and recovery. Metal valve handle.

- 1/4" ball valves are UL recognized to 4000 psi (276 bar) minimum burst, 800 psi (55 bar) maximum working pressure
- 5/16" for R-410A applications where 5/16" system ports are used
- 5/16" are UL recognized to 4000 psi (276 bar) minimum burst, 800 psi (55 bar) maximum working pressure

UPC#	Description
93844	1/4" Compact ball valve – straight
93843	1/4" Compact ball valve – 45°
93842	1/4" Compact ball valves – 45° (3 pak)
93825	5/16" Compact ball valve for 5/16" Female flare x 1/4" Male flare-45°
93826	5/16" Compact ball valve for 1/4" Female flare x 5/16" Male flare
93827	5/16" Compact ball valve for 5/16" Female flare x 5/16" Male flare

FULL CONTROL BALL VALVES FOR VACUUM/CHARGING



When building your own charging/vacuum system, these straight flow-through valves connect hoses and provide full-flow capacity.

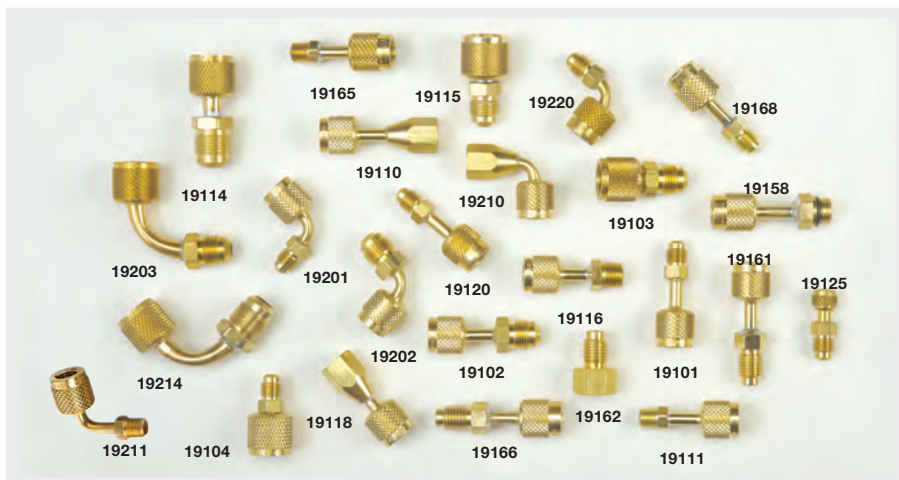
- No angles to cause restrictions and pressure drops
- Handle position shows when the valve is opened or securely closed

Use gaskets on page 35.

	M. fl. x M. fl.	M. fl. x 1/4" FPT	M. fl. x Fe. fl.	Gaskets
1/4" SAE*	93834	93833	93844	19020
5/16" SAE	-	-	93827	19020
3/8" SAE*	93836	93832	93846	19011
1/2" SAE	93838	-	93848	19015
1/2" Acme*	93830	93831	93840	19020
19095	Replacement handle/screw for all 1/4", 3/8" and Acme valves (2 pc. set)			
19096	Replacement handle/screw for all 1/2" flare valves (2 pc. set)			

* UL Listed

QUICK COUPLERS Expanded line



- Full size with deep knurling for easy handling
- CH14 “Adjust-a-Valve” opener in all 1/4" Female ends
- Acme conversion couplers are available for recovery tank threads and R-134a cylinder threads
- 5/16" Conversion couplers available
- Made in the USA

UPC#	Description
Straight quick couplers	
19125	1/8" Female QC x 1/4" Male flare (Ford)
19120	3/16" Female QC x 1/4" Male flare (GM)
19101	1/4" Female QC x 1/4" Male flare
19102	1/4" Female QC x 3/8" Male flare
19111	1/4" Female QC Str. x 1/8" NPT Male
19116	1/4" Female QC Str. x 1/4" NPT Male
19103	3/8" Female QC x 3/8" Male flare
19104	3/8" Female QC x 1/4" Male flare
19115	1/2" Female QC x 3/8" Male flare
19114	3/8" Female QC x 1/2" Male flare

UPC#	Description
90° Quick couplers	

19220	3/16" Female QC 90° x 1/4" Male flare
19201	1/4" Female QC 90° x 1/4" Male flare
19202	1/4" Female QC 90° x 3/8" Male flare
19203	3/8" Female QC 90° x 3/8" Male flare
19214	3/8" Female QC 90° x 1/2" Male flare

Gauge quick couplers with CH14 adjustable valve opener	
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19110	1/4" Female QC x 1/8" NPT Fe.
19118	1/4" Female QC Str. x 1/4" NPT Fe.
19210	1/4" Female QC 90° x 1/8" NPT Fe.
19218*	1/4" Female QC 90° x 1/4" NPT Fe.

5/16" Quick couplers with CH14 adjustable valve opener	
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19121*	5/16" QC Str. x 1/4" Male flare
19221*	5/16" QC 90° x 1/4" Male flare
19122*	1/4" QC Str. x 5/16" Male flare
19222*	1/4" QC 90° x 5/16" Male flare

ACME 1/2" couplers – auto straight	
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19161	1/4" Female QC x 1/2" Acme Male
19162	1/4" Female hex x 1/2" Acme Male for permanent applications
19166	1/2" Acme Male x 1/2" Acme Female
19165	1/2" Acme Female x 1/4" Male flare
19168	1/2" Acme Female x 1/8" NPT Male
19158	1/2" Acme Female x 14 mm Male

* Not pictured

- All couplers have Schrader valve cores in Male flare end
- Female coupler end has deep knurling for easy handling
- Patented CH14 “Adjust-a-Valve” opener in all 1/4" Female ends
- Made in the USA

UPC#	Description
Straight quick couplers	

19171	1/4" Female QC x 1/4" Male flare
19172	3/8" Female QC x 1/4" Male flare

90° Bend quick couplers	
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19191	1/4" Female QC x 1/4" Male flare
19192	3/8" Female QC x 1/4" Male flare

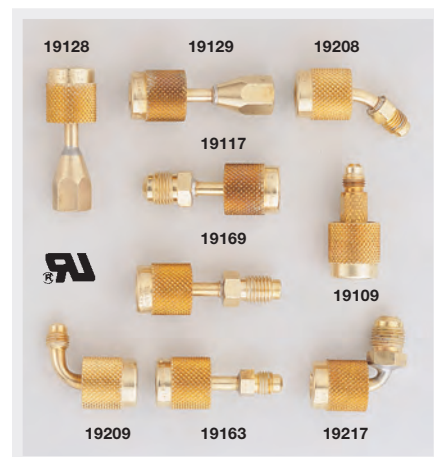
45° R-410A couplers	
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19173	5/16" Female QC x 1/4" Male flare
19174	1/4" Female QC x 5/16" Male flare
19175	5/16" Female QC x 5/16" Male flare

QUICK COUPLERS Schrader core in male end



SEALRIGHT™ QUICK COUPLERS

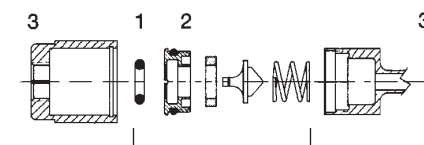


SealRight fittings automatically and immediately trap refrigerant in the hose when disconnected, helping meet non-venting regulations and preventing finger burns. One-piece attaches quickly, saving up to 50 percent in time compared to 2-piece quick couplers.

- Works with or without Schrader core
- Gaskets resist deterioration from SealRight repair assembly components
- CFC, HCFC, HFC refrigerants and refrigerant oils. Field serviceable
- Made in the USA

UPC#	Description
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19109	1/4" SealRight Str. x 1/4" Male flare
19208	1/4" SealRight 45° x 1/4" Male flare
19209	1/4" SealRight 90° x 1/4" Male flare
19100	Set of 19109 and 19209
19117	1/4" SealRight Str. x 3/8" Male flare
19217	1/4" SealRight 90° x 3/8" Male flare
19128	1/4" SealRight Str. x 1/8" NPT Female
19129	1/4" SealRight Str. x 1/4" NPT Female
19169	Acme 1/2" SealRight x 1/2" Acme
19163	Acme 1/2" SealRight x 1/4" Male flare



UPC#	Description
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SealRight repair assembly components	
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19037	“O” rings (10 pak) (1)
19038	Plug assembly with all seals (2)
19039	Nut and clip (3)
19040	Rebuild kit (4)
19041	Overhaul kit with all above parts
19045	Gasket set

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