



YELLOW JACKET[®]
Hose Adapters,
Valves, and Parts —
right to the last detail

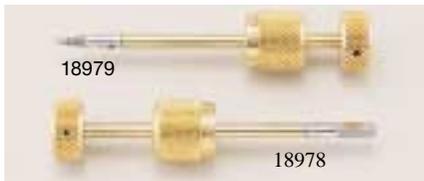


NEW
Valve core tool page 35
EXPANDED LINE
Quick couplers
page 36

1/4" 4-IN-1 BALL VALVE TOOL for vacuum, charge, cores and recovery



Remove and replace Schrader cores without losing charge.



Related product SuperHeat kits on page 76.

- 1. Vacuum valve.** Extra 1/4" side port on 18975 to attach electronic micron vacuum gauge right at system for greater accuracy.
- 2. Core removal access.** Lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum.
- 3. Core replacement.**
- 4. Recovery valve.** Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process.

UPC #	Description
18975	Vacuum/charge ball valve w/side port
18971	Vacuum/charge valve w/o side port
18980	Accessory set - 2 piece
18978	Schrader rethreading accessory
18979	Broken Schrader remover acc.
18997	Grappler rod/nut assembly
18973	Gasket for 18975 (5 pk.)
18974	Seal Kit includes core, cap, 4 "O"-rings, gasket

5/16" 4-IN-1 BALL VALVE TOOL for R-410A systems with 5/16" access ports



Similar to the 4-in-1 core tool above but with 5/16" flare fittings and for use with R-410A.

UPC #	Description
18985	5/16" vacuum/charge valve-side port
18981	5/16" vacuum/charge valve w/o side port
18988	5/16" rethread accessory
18989	5/16" Schrader rethreader

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, securely closed and anywhere between. Use gaskets on page 37.

	M. fl. x M. fl.	M. fl. x Fe. fl.	M. fl. x 1/4" FPT	"O"-rings
1/4" SAE*	93834	93844	93833	19000
5/16" SAE	-	93827	-	-
3/8" SAE*	93836	93846	93832	19011
1/2" SAE	93838	93848	-	19015
Acme 1/2"	93830	93840	93831	19020
19095	Replacement handle/screw for all 1/4", 3/8" & Acme valves			
19096	Replacement handle/screw for all 1/2" flare valves			

* U.L. Listed

COMPACT BALL VALVES 1/4" for full flow



Now a smaller ball valve more compact – still features full flow. Metal valve handle, add to hoses for charging and recovery.

- UL recognized assembly to 4000 psi (276 bar) min. burst, 800 psi (55 bar) max. working pressure.

UPC #	Description
93844	1/4" compact ball valve – straight
93843	1/4" compact ball valve – 45°
93842	Set of 3 – 45° compact ball valves

5/16" for Special R-410A Applications

Compact ball valves are available with 5/16" flares for R-410A applications where 5/16" system ports are used.

- UL recognized assembly to 4000 psi (276 bar) min. burst, 800 psi (55 bar) max. working pressure

UPC #	Description
93825	5/16" compact ball valve 5/16" Fe. fl. x 1/4" Male fl.
93826	5/16" compact ball valve 1/4" Fe. fl. x 5/16" Male fl.
93827	5/16" compact ball valve 5/16" Fe. fl. x 5/16" Male fl.

GAS RETENTION VALVE



Sturdy valve controls refrigerant flow from access fitting. Closes Schrader before disconnecting. New back seat valve feature to retain gas in hose when disconnecting.

1/4" female fl. x 1/4" male fl.	
UPC #	Description
18993	Gas control valve
18995	"O"-ring set

MODIFIED NEEDLE VALVE

In-line control.



UPC #	Description
69670	Needle type bleed valve 1/4" flare
19020	Gaskets (10 pkg)

SealRight™ QUICK COUPLERS



Innovative 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% in time compared to 2-piece quick couplers. Works with or without Schrader core. Gaskets resist deterioration from

CFC, HCFC, HFC refrigerants, and new oils. Field serviceable. **Not recommended for R-410A systems.**

UPC #	Description
19109	1/4" SealRight Str. x 1/4" Male fl.
19208	1/4" SealRight 45° x 1/4" Male fl.
19209	1/4" SealRight 90° x 1/4" Male fl.
19100	Set of 19109 and 19209
19117	1/4" SealRight Str. x 3/8" Male fl.
19217	1/4" SealRight 90° x 3/8" Male fl.
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 fl.

SealRight repair assembly components

19037	Pkg. of 10 "O"-rings (1)
19038	Plug assembly with all seals (2)
19039	Nut and clip (3)
19040	Rebuild kit includes #4
19041	Overhaul kit with all above parts
19045	Gasket set

VALVE CORE TOOL

Self contained tool for quickly removing and replacing cores. Handle contains six cores.

UPC #	Description
19306	Valve core tool



Snap-It™ COUPLER

- Snaps on over 1/4" flare threads with Schrader cores
- Forms tight connection immediately
- Instantly activates the Schrader in access fitting
- Instantly shuts off end of hose when sleeve is pulled back and coupler pops off access fitting

- Virtually no gas release to atmosphere. Eliminates frostbite
- One piece construction
- For up to 600 psi



UPC #	Description
19090	Snap-it™ Coupler
19094	"O"-ring for coupler (10 pak)

MANIFOLD PARTICULATE FILTER



These fittings trap the particles before they damage valve seats or pass into your recovery equipment. Replaceable, cleanable screens.

UPC #	Description
41119	1/4" manifold particulate filter
41120	3/8" manifold particulate filter
41121	1/2" manifold particulate filter
41122	Replacement filter screen (5 pak)

SINGLE VALVES



Individual manifolds for high and low sides of system. Available on page 51.

Individual valves are available in two or three port versions. Nylon seals with double "O" rings.

UPC #	Description
40317	Hi-side manifold with gauge
40318	Lo-side manifold with gauge & hook
40315	2 port valve - 1/8" NPT Female x 1/4" Male flare
40325	3 port valve - 1/8" NPT Female x two 1/4" Male flares
40350	2 port valve - 1/4" QC Female with CH14 depressor x 1/4" Male flare with Schrader

QUICK COUPLER-STYLE BRAZE-IN FITTINGS



Braze-in brass fitting with replaceable soft seat. Quick coupler-style fittings are the same as supplied on metal hose.

UPC#	Description
19082	1/4" str. Fe. fl. w/CH20 gasket
19083	1/4" 45° Fe. fl. w/CH20 gasket
19084	1/4" 90° Fe. fl. w/CH20 gasket
19085	3/8" str. Fe. fl. w/CH11 gasket
19086	3/8" 45° Fe. fl. w/CH11 gasket
19087	3/8" 90° Fe. fl. w/CH11 gasket
19088	1/2" str. only Fe. w/quad ring

Use 19020 (CH20), 19011 (CH11) and 19027 seals (quad ring).

Compact Ball Valve Assemblies

UPC#	Description
29001	1/4" yellow ball valve adapter
29201	1/4" blue ball valve adapter
29601	1/4" red ball valve adapter

YELLOW JACKET (QC) QUICK COUPLERS – expanded line



Full size with deep knurling for easy handling. Special features include patented 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.

UPC#	Description
Straight Quick Couplers	
19125	1/8" Female QC x 1/4" Male fl. (Ford)
19120	3/16" Female QC x 1/4" Male fl. (GM)
19101	1/4" Female QC x 1/4" Male fl.
19102	1/4" Female QC x 3/8" Male fl.
19111	1/4" Fe. QC Str. x 1/8" NPT Male
19116	1/4" Fe. QC Str. x 1/4" NPT Male
19118	1/4" Fe. QC Str. x 1/4" NPT Female
19103	3/8" Fe. QC x 3/8" Male fl.
19104	3/8" Fe. QC x 1/4" Male fl.
19115	1/2" Female QC x 3/8" Male fl.
19114	3/8" Female QC x 1/2" Male fl.
R-410A couplers – 45° – with schrader valve core	
19173	5/16" Fe. QC x 1/4" M. fl. w/Schrader
19174	1/4" Fe. QC x 5/16" M. fl. w/Schrader

UPC#	Description
90° Quick Couplers	
19220	3/16" Fe. QC 90° x 1/4" Male fl.
19201	1/4" Female QC 90° x 1/4" Male fl.
19202	1/4" Female QC 90° x 3/8" Male fl.
19203	3/8" Female QC 90° x 3/8" Male fl.
19214	3/8" Female QC 90° x 1/2" Male fl.
Gauge Quick Couplers with CH14 adjustable valve opener	
19110	1/4" Female QC x 1/8" NPT Fe.
19210	1/4" Female QC 90° x 1/8" NPT Fe.
5/16" Quick Couplers with CH14 adjustable valve opener	
19121	5/16" QC Str. x 1/4" Male fl.
19221	5/16" QC 90° x 1/4" Male fl.
19122	1/4" QC Str. x 5/16" Male fl.
19222	1/4" QC 90° x 5/16" Male fl.
ACME 1/2" Couplers – Auto Straight	
19161	1/4" Fe. QC x 1/2" Male Acme
19162	1/4" Fe. hex x 1/2" Male Acme for permanent applications
19166	1/2" Acme Male x 1/2" Acme Female
19165	1/2" Acme Female x 1/4" Male fl.
19168	1/2" Acme Female x 1/8" NPT Male
19158	1/2" Acme Female x 14 mm Male

125 AND 145 LB. CYLINDER VALVE ADAPTER

Finger tight adapters fit 125 and 145 lb. cylinders. Seal remains seated. Two sizes.



UPC#	Description
19105	3/4" NPS finger tight cylinder adapter with 1/4" Male flare
19106	3/4" NPS finger tight cylinder adapter with 3/8" Male flare
18001	Replacement gasket (10 pak)

ADD-A-HOSE COUPLERS UNIONS



Add-a-hose couplers easily connect hoses to the length desired.

UPC #	Male flare	UPC #	Male flare
19143	3/16"	19150	5/8"
19144	1/4"	19152	3/4"
19146	3/8"	19142	Acme 1/2"
19148	1/2"	-	-

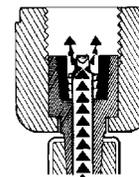
YELLOW JACKET® QUICK COUPLERS (Schrader core in male end)



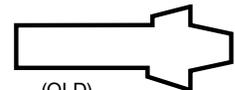
All couplers have Schrader valve cores in male flare end. Female coupler end has deep knurling for easy handling. Patented CH14 "Adjust-a-Valve" Opener in all 1/4" female ends.

UPC#	Description
Straight Quick Couplers	
19171	1/4" Female QC x 1/4" Male fl.
19172	3/8" Female QC x 1/4" Male fl.
90° Bend Quick Couplers	
19191	1/4" Female QC x 1/4" Male fl.
19192	3/8" Female QC x 1/4" Male fl.
R-410A couplers – 45° – with schrader valve core	
19173	5/16" Fe. QC x 1/4" M. fl. w/Schrader
19174	1/4" Fe. QC x 5/16" M. fl. w/Schrader
19175	5/16" Female QC x 5/16" Male fl.

YELLOW JACKET ADJUST-A-VALVE™ OPENERS



High volume flow pattern



(OLD) CH75



CH14

(CURRENT)

The patented "Adjust-a-Valve" opens out of tolerance Schrader valves in 1/4", 3/16" and 5/16" couplers. Simply rotate the opener with needle nose pliers to the desired height. When finished, rotate back. (Pat. No. 3592439). "Adjust-a-Valve" for 1/4" and 5/16" hoses is the same.

UPC #	Part	Description
19302	CH14	Adjust-a-Valve openers (10)
19301	CH75	1/4" valve openers (10)
19304	-	1/8" valve openers (10)

YELLOW JACKET® LIQUID CHARGING ADAPTER (Convert liquid to saturated vapor)

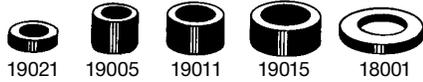
Liquid charging is recommended when charging blends into refrigeration and air conditioning systems. Since compressors cannot compress liquids you need a liquid charger adapter for safe and fast liquid (saturated vapor) charging through the low pressure side of a system. The YELLOW JACKET adapter connects to the cylinder valve or refrigerant can.



- To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity
- Refrigerant flashes off into a saturated vapor to speed entry
- Eliminates the time and work of heating cylinders
- Blue color-coded aluminum.

UPC#	Description
41123	1/4" liquid charging adapter
41124	5/16" liquid charging adapter
41132	Repl. "O"-ring/orifice for 1/4" adapter
41138	Repl. "O"-ring/orifice for 5/16" adapter

QUICK COUPLER GASKETS &"O"-RINGS



The only gaskets designed for optimum performance with YELLOW JACKET® Charging Hoses. Works with all refrigerants. Manufactured to strict tolerances to resist blow out.

UPC#	Gasket/Part	Qty.	Application
19020	CH20/10	10	1/4" hose 5/16" hose 1/2" Acme hose
19005	CH20/100	100	1/4" hose
19011	CH11	10	3/8" hose
19015	CH80	10	1/2"-5/8" hose
19012	E hose	10	3/4" hose
18001**	Cylinder Valve	10	Cylinder Valve
19021	3/16" Gasket	10	1/8" Coupler
19022		-	5 For 60667 recovery pliers
19010	CH20 and CH14	6 3	1/4" hose opener
UPC#	"O"-ring	Qty.	Application
19025*	-	10	1/4" "O"-ring
19026*	-	10	3/8" "O"-ring
19027*	-	10	1/2" "O"-ring
19034	-	10	"O"-ring for 14 mm Male
19037	-	10	1/4" SealRight "O"-ring
19094	-	10	Snap-It "O"-rings
UPC#	Size	Description	
59651	1/4"	Copper gaskets (10 pak)	
59652	3/8"	Copper gaskets (10 pak)	
59653	1/2"	Copper gaskets (10 pak)	
59654	5/8"	Copper gaskets (10 pak)	
59655	3/4"	Copper gaskets (10 pak)	

* Gaskets for some metal hose sizes. Others use 19020 or 19011 gaskets.
** Flat washer.

PARTS KITS & EMPTY BOXES



19003 COMPLETE KIT includes following gaskets, valve openers and SealRight parts in a 12 compartment case.

- Five 1/8" gaskets
- Five 1/8" valve openers
- 100 3/16"-1/4" gaskets
- Ten 1/4" adjustable CH14 valve openers
- Ten 1/4" CH75 flat valve openers
- Ten 3/8" CH11 gaskets
- Ten 1/2"-5/8" CH80 gaskets
- Ten cylinder valve flat gaskets
- Ten SealRight "O"-rings
- Four SealRight plug and seal assemblies
- Four 1/4" SealRight nut and clip

EMPTY PARTS BOXES

UPC#	Size	Description
19004	11" x 6-3/4" x 3/4"	Kit box with parts label
60177	11" x 6-3/4" x 3/4"	6 compartments empty
60178	11" x 6-3/4" x 3/4"	12 compartments empty
60135	11" x 6-3/4" x 3/4"	18 compartments empty

VACUUM PUMP INTAKE ADAPTER



Reducing adapters for pump intakes on SuperEvac™ and other vacuum pumps.

UPC#	Description
19130	3/8" Fe. fl. x 1/4" M. fl. adapter
19131	1/2" Fe. fl. x 3/8" M. fl. adapter
19132	1/2" Fe. fl. x 1/4" M. fl. adapter
19160	1/2" Fe. fl. x 1/2" M. Acme adapter
19133	3/8" Fe. fl. x 1/2" M. fl. adapter

VACUUM PUMP ADAPTER



Convert a 3/8" or 1/2" vacuum pump intake into 1/4" R-12 and 1/2" Acme R-134a compatible fittings.

UPC#	Description
36018	1/2" pump adapter with 1/4" flare and 1/2" Acme Male fittings
36019	3/8" pump adapter with 1/4" flare and 1/2" Acme Male fittings

WRAP-AROUND HEATER FOR REFRIGERANT CYLINDER



Fits 30/50-125 lb cylinders. Thermostat controlled with maximum 130°F (54°C) and minimum 120°F (48.8°C) (surface temperature of tank). Cycles on/off to maintain surface temperature. 200 watt, 115V or 230V; 20" velcro straps; 6' cord.

UPC#	Description
68848	Wrap-around cylinder heater 115V
68849	Wrap-around cylinder heater 230V

AUTOMOTIVE R-134a A/C COUPLERS – premium with control valve

Couplers interface with R-134a service ports. 14 mm female thread or 1/4" male flare available.

- Quick, easy connect/disconnect.
- Control valve for access to systems even at working pressures.
- Integral safety sleeve holds coupler securely to service port.



- Highest flow characteristics.
- Low profile for tight applications.

UPC #	Description
40311	14 mm Fe, str. high side auto coupler
40312	14 mm Fe, str. low side auto coupler
40321	14 mm Fe, 90° high side auto coupler
40322	14 mm Fe, 90° low side auto coupler
40313	1/4 M. Fl., str. high side auto coupler
40314	1/4 M. Fl., str. low side auto coupler
40323	1/4 M. Fl., 90° high side auto coupler
40324	1/4 M. Fl., 90° low side auto coupler
40347	High side x 3/8" Male flare auto coupler
40348	Low side x 3/8" Male flare auto coupler
40316	Replacement "O"-rings (2 pak)

AUTOMOTIVE R-134a A/C COUPLERS – ECONOMY



A basic R-134a service coupler with no control valve. Snaps on for instant flow. Professionals should use couplers above.

UPC #	Description
41318	Lo side coupler w/ 1/4" flare
41317	Hi side coupler w/ 1/4" flare
41305	Replacement "O"-ring set (6 pc.)

AUTOMOTIVE R-134a 3-IN-1 VACUUM/CHARGE RECOVER CORE TOOL



1. **Core removal** for vacuum and charges. Lets you evacuate and charge through an unrestricted line for increased speed and higher vacuum.
3. **Core replacement.**
4. **Recovery valve.** Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process.

UPC #	Description
18962	Low-side R-134a auto valve core tool
18961	High-side R-134a auto valve core tool
41300	"O"-ring kit for above

AUTOMOTIVE A/C FITTINGS COUPLERS



UPC #	Description
19157	14 mm M. x 1/4" Male fl.
19156	14 mm M. x 3/8" Male fl.
19161	1/2" Acme M. x 1/4" Fe. fl.
19165	1/2" Acme Fe. x 1/4" Male fl.
19158	1/2" Acme Fe. x 14 mm Male
19162	1/2" Acme M. x 1/4" Fe. fl. Hex
19168	1/2" Acme Fe. x 1/8" Male pipe
19169	1/2" Acme M. x 1/2" Acme SealRight™
19163	1/2" Acme SealRight x 1/4" M. fl.
19166	1/2" Acme Fe. x 1/2" Acme Male
40265	1/2" Acme M. x 1/8" NPT Male Half Union
19142	1/2" Acme Union
19153	1/2" Acme Fe. Hex x 13 mm R-134a low side Male for A/C system not shown

Adapter fitting designed to work with 1/2" Acme or 14 mm threads.

SAFETY GOGGLES



Helps protect your eyes against metal particles, sparks, refrigerant gases, etc. when working on HVAC&R systems.

Safety goggles are recommended any time you work on a system.

UPC#	Description
11002	Safety goggles
11003	Ventilated safety goggles

AUTOMOTIVE R-134a and R-12 CAN TAPS



With side tap, handles slip around and close to pierce the can. Small inserts for use with lubricant cans.

Check valve on side taps help prevent back pressure into can.

Not for use with other refrigerants.

UPC #	Description
36192	R-134a side can tap
36193	R-12 side can tap
36194	Gaskets for side can tap (10 pak)