

## HOSE ADAPTERS, VALVES AND PARTS

1. CHARGING  
SYSTEMS

2. GAUGES

3. RECOVERY  
MACHINES

4. VACUUM PUMP  
SYSTEMS

5. VACUUM AND  
CHARGING HOSES

6. HOSE  
ADAPTERS,  
VALVES AND PARTS

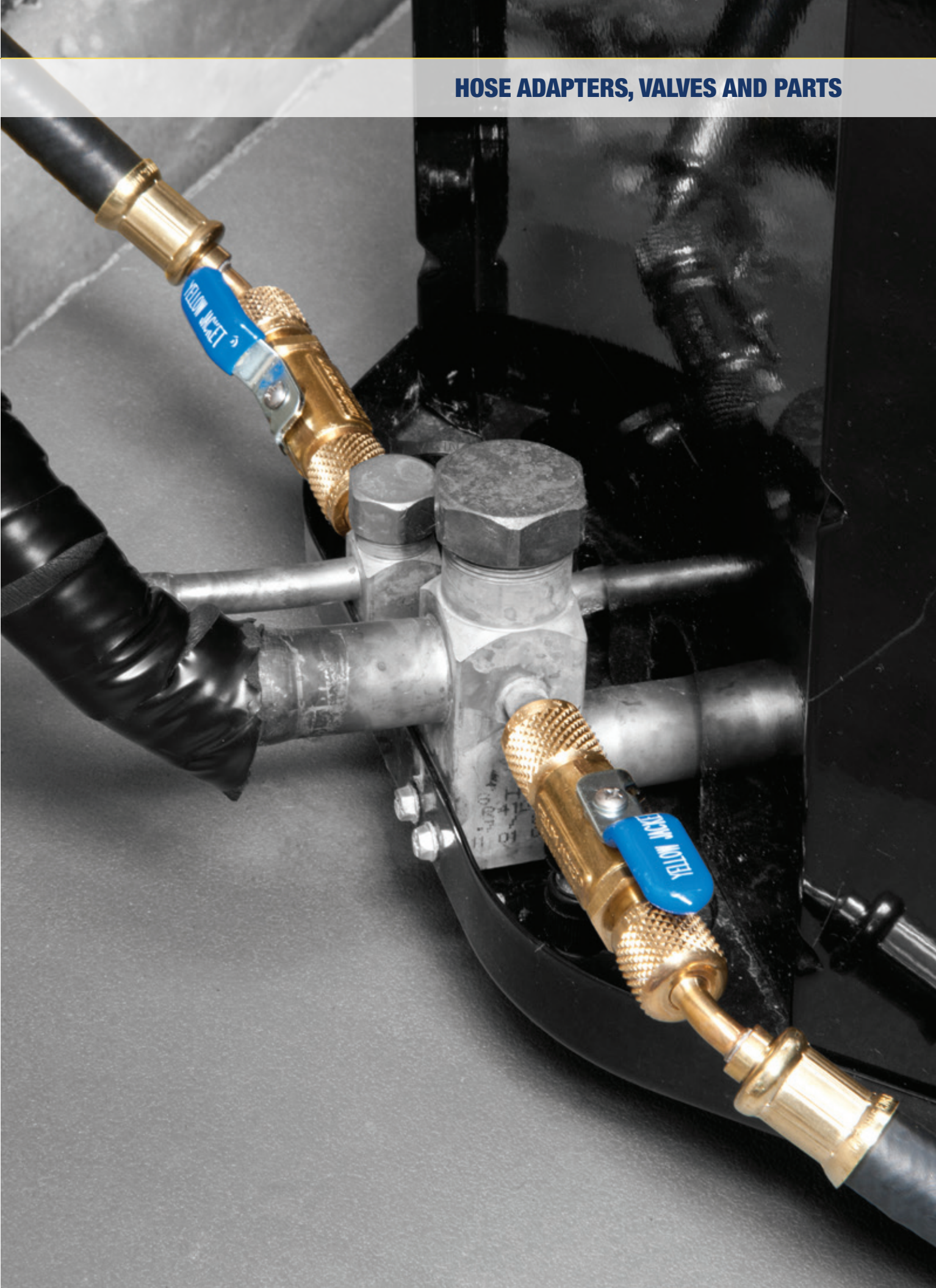
7. WIRELESS AND  
ELECTRONIC  
INSTRUMENTS

8. LEAK  
DETECTORS AND  
MONITORS

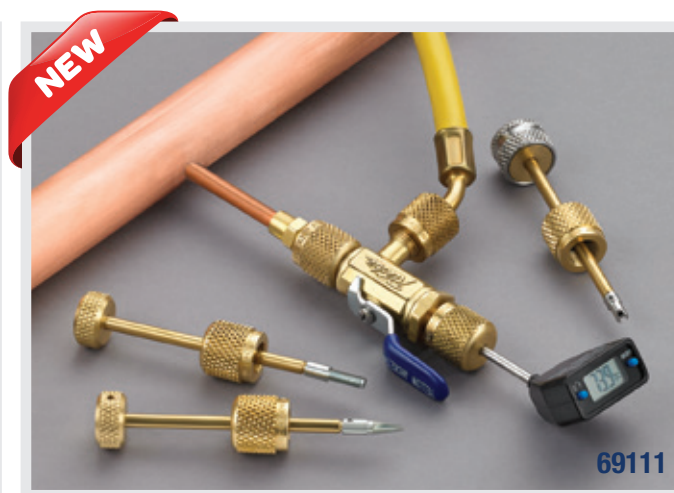
9. HEATING  
INSTRUMENTS

10. SYSTEM TOOLS

6.1








## The RealTorque™ Core Removal Tool is essential for effectively removing and replacing HVAC/R system Schrader cores.

The RealTorque™ Vacuum/Charge Valve with Side Port removal of system Schrader cores can greatly increase the speed of recovery and evacuation. Once charging is complete, it is important that the system Schrader cores be properly tightened to prevent leaks. The RealTorque™ Core Removal Tool has an integrated torque mechanism that clicks as soon as the Schrader core has been tightened to the manufacturer recommended torque value of 3-5 in-lb. This provides assurance that the Schrader core is properly tightened on every job and minimizes the chances of leaks from this area of the system.

### FEATURES & BENEFITS

- Core removal improves the speed of recovery and evacuation
- Torque mechanism clicks when Schrader core has been properly tightened to 3-5 in-lb
- Side port provides attachment location for vacuum gauge
- Available in 1/4" and 5/16" sizes
- Complete valves and superheat kits supplied in hard cases for protection
- One-year warranty
- Made in USA 

## Torque Extractor (CRT) Assembly

Upgrade your current core removal tool with the 18998 (1/4") and 18999 (5/16") RealTorque™ Extractor Assembly.



## RealTorque™ SuperHeat Kits

The RealTorque™ SuperHeat Kits include all the tools necessary for accurate system superheat calculations. The thermometer and core removal tool with side port allow for the pressure and temperature measurements to be taken at the same system location. Compare these measurements to the system refrigerant P/T chart to determine the system superheat. Once charging is complete, use the RealTorque™ Core Removal tool to properly tighten the system Schrader core to the manufacturer's recommended torque value of 3-5 in-lb with its integrated torque mechanism. The kits also include all the tools necessary to replace Schrader cores without losing system pressure even if the core or mating core threads are damaged. Kits are available for 1/4" (69111) and 5/16" (69112) systems.



69112

| UPC # | Description  |
|-------|--|
| 18991 | RealTorque™ 1/4" Vacuum/Charge Valve with Side Port                          |
| 18992 | RealTorque™ 5/16" Vacuum/Charge Valve with Side Port                         |
| 18994 | RealTorque™ 1/4" Male x 5/16" Female Vacuum/Charge Valve with 1/4" Side Port |
| 69111 | RealTorque™ 1/4" SuperHeat Kit with Torque CRT                               |
| 69112 | RealTorque™ 5/16" SuperHeat Kit with Torque CRT                              |
| UPC # | Replacement Parts  |
| 18978 | 1/4" Schrader Rethreading Accessory  |
| 18979 | 1/4" Broken Schrader Remover Accessory                                       |
| 18980 | 1/4" Schrader Accessory Set – 2 Piece  |
| 18988 | 5/16" Schrader Rethreading Accessory   |
| 18989 | 5/16" Broken Schrader Remover Accessory                                      |
| 18998 | RealTorque™ 1/4" Torque CRT Accessory  |
| 18999 | RealTorque™ 5/16" Torque CRT Accessory                                       |
| 69106 | Digital Thermometer & 1/4" Nut   |
| 69113 | Digital Thermometer & 5/16" Nut  |

## 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)                           |
| 18986 | 1/4" Male x 5/16" female vacuum/charge valve      |
| 18973 | Gasket for 18975 (5 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.

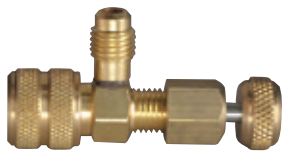
- No angles to cause restrictions and pressure drops
- Handle position shows when the valve is opened or securely closed




|            | 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

## GAS RETENTION VALVE



- Valve controls refrigerant flow from access fitting
- Closes Schrader before disconnecting
- Back seat valve feature to retain gas in hose when disconnecting
- 1/4" Female flare x 1/4" Male flare
- 500 psi working pressure
- Made in the USA 

| UPC#  | Description          |
|-------|----------------------|
| 18993 | Core depressor valve |
| 18995 | "O" ring set         |

## VACUUM/CHARGE VALVE



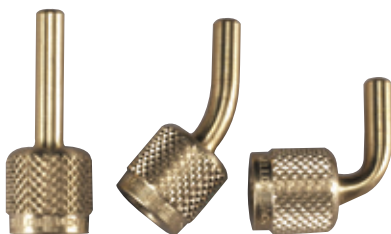
1/4" vacuum/charge valve with or without side port. For faster vacuum/charging or removing/replacing Schrader cores.



| UPC#  | Description                        |
|-------|------------------------------------|
| 18990 | Vacuum/Charge valve with side port |
| 19000 | Vacuum/Charge valve                |

| Replacement parts |                           |
|-------------------|---------------------------|
| 18995             | "O" ring set              |
| 18996             | Shut-off stem             |
| 18997             | Grappler rod/nut assembly |

## 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. Female fl. with CH20 gasket  |
| 19083 | 1/4" 45° Female fl. with CH20 gasket   |
| 19084 | 1/4" 90° Female fl. with CH20 gasket   |
| 19085 | 3/8" Str. Female fl. with quad ring    |
| 19086 | 3/8" 45° Female fl. with quad ring     |
| 19087 | 3/8" 90° Female fl. with quad ring     |
| 19088 | 1/2" Str. only Female with CH80 gasket |

Use 19015 (CH80), 19020 (CH20) and 19026 (quad ring) seals.

## VALVE CORE TOOL



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

| UPC#  | Description            |
|-------|------------------------|
| 19306 | Valve core tool        |
| 19305 | Schrader valve (10 pk) |

## 125 AND 145 LB. CYLINDER VALVE ADAPTER



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



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

## VACUUM PUMP INTAKE ADAPTER

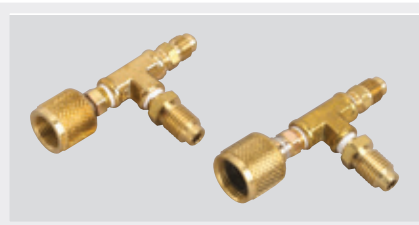


Reducing adapter for pump intakes on SUPEREVAC™ and other vacuum pumps.



| 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" 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 |

## MODIFIED NEEDLE VALVE In-line control



| UPC#  | Description                        |
|-------|------------------------------------|
| 69670 | Needle type bleed valve 1/4" flare |

## MANIFOLD PARTICULATE FILTER



Manifold particulate filters trap particles before they damage valve seats or pass into recovery equipment. Screens are replaceable and cleanable.



| 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) |

## ADD-A-HOSE COUPLER



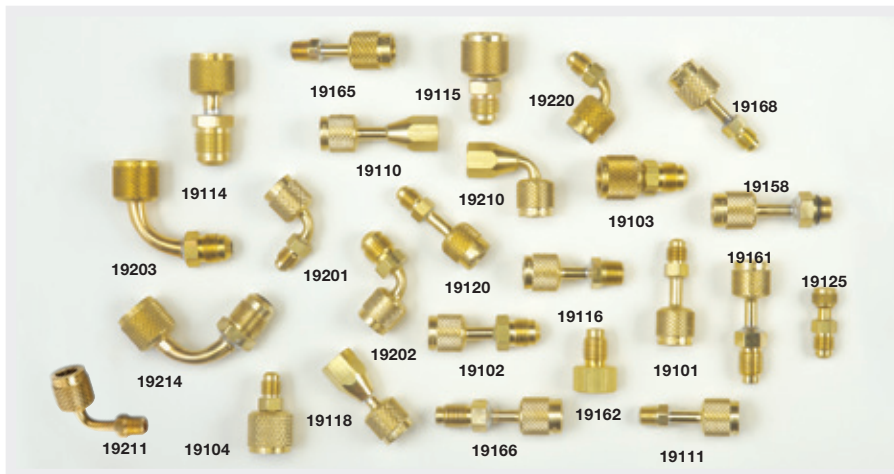
Add-a-hose couplers easily connect hoses to the length desired.



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



## 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                             |
|--------------------------------|---|
| <b>Straight quick couplers</b> |   |
| 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        |
| 19020                          | Gaskets (10 pk)                         |

| UPC#                      | Description                           |
|---------------------------|---------------------------------------|
| <b>90° Quick couplers</b> |                                       |
| 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  |

| UPC#  | Description                        |
|---|------------------------------------|
| <b>Gauge quick couplers with CH14 adjustable valve opener</b> |                                    |
| 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.  |

| UPC#  | Description                     |
|---|---------------------------------|
| <b>5/16" Quick couplers with CH14 adjustable valve opener</b> |                                 |
| 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  |

| UPC#                                      | Description   |
|---|---|
| <b>ACME 1/2" couplers – auto straight</b> |   |
| 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                               |
| 19164                                     | Quick Coupler ACME X 1/4 MPT                                |

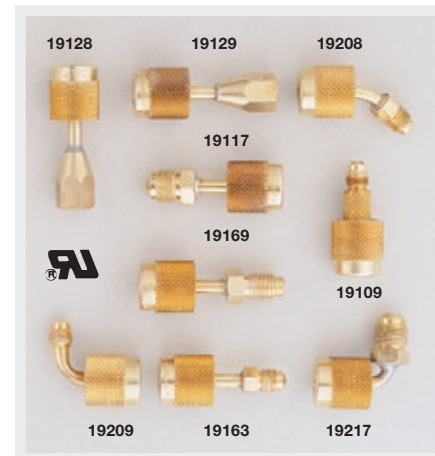
- All couplers have Schrader valve cores in Male flare end
- Female coupler end has deep knurling for easy handling
- Patented CH14 "Adjust-a-Valve" opener in all 1/4" Female ends
- Made in the USA

| UPC#                           | Description                        |
|--------------------------------|------------------------------------|
| <b>Straight quick couplers</b> |                                    |
| 19171                          | 1/4" Female QC x 1/4" Male flare   |
| 19172                          | 3/8" Female QC x 1/4" Male flare   |
| <b>90° Bend quick couplers</b> |                                    |
| 19191                          | 1/4" Female QC x 1/4" Male flare   |
| 19192                          | 3/8" Female QC x 1/4" Male flare   |
| <b>45° R-410A couplers</b>     |                                    |
| 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



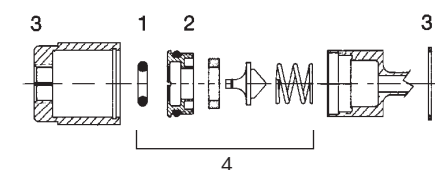
## SealRight™ QUICK COUPLERS



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                            |
|-------|--|
| 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                       |
|---|-----------------------------------|
| <b>SealRight repair assembly components</b> |                                   |
| 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                        |

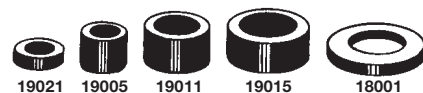
## SINGLE VALVES



- Individual manifolds for hi- and lo-sides of system
- Individual valves are available in two or three port versions
- Nylon seals with double “O” rings
- Made in the USA 

| UPC#  | Description   |
|-------|---|
| 40317 | High-side manifold with gauge   |
| 40318 | Low-side manifold with gauge and hook   |
| 40315 | 2 Port valve – 1/8" NPT Female x 1/4" Male flare                                  |
| 40325 | 3 Port valve – 1/8" NPT Female x 2 1/4" Male flares                               |
| 40350 | 2 Port valve – 1/4" QC Female with CH14 depressor x 1/4" Male flare with Schrader |
| 40326 | Low-side 1/4" valve for R-32 and R-410A   |
| 40338 | Low-side manifold R600A   |
| 40339 | High-side manifold R600A/600/290  |
| 40340 | Low-side manifold R600A/600/290   |

## QUICK COUPLER GASKETS AND “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/<br>Part              | Quantity | Application                               |
|---------|------------------------------|----------|---|
| 19020   | CH20/10                      | 10       | 1/4" Hose<br>5/16" Hose<br>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** |                              | 10       | Cylinder valve                            |
| 19021   | 1/8"<br>Gasket               | 10       | 1/8" Coupler                              |
| 19022   |                              | 5        | 60667<br>Recovery pliers                  |
| 19010   | CH20 and<br>CH14             | 6<br>3   | 1/4" Hose<br>opener                       |
| UPC#    | "O" ring                     | Quantity | Application                               |
| 19026*  | –                            | 10       | 3/8" Quad ring                            |
| 19034   | –                            | 10       | "O" ring for<br>14 mm Male                |
| 19037   | –                            | 10       | 1/4" SealRight<br>"O" ring                |
| UPC#    | 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 AND EMPTY BOXES

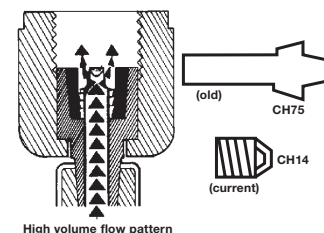


The **19003** complete kit includes the following gaskets, valve openers and SealRight parts in a 12 compartment case.

- Five 1/8" gaskets
- Five 1/8" valve openers
- One hundred 3/16"-1/4" gaskets
- Ten 1/4" Adjust-a-Valve openers
- Ten 1/4" flat valve openers
- Ten 3/8" gaskets
- Ten 1/2"-5/8" gaskets
- Ten cylinder valve flat gaskets
- Ten SealRight “O” rings
- Four SealRight plug and seal assemblies
- Four 1/4" SealRight nut and clip
- Made in the USA 

| UPC#  | Description                                  |
|-------|--|
| 19003 | Complete kit                                 |
| 19004 | 11" x 6-3/4" x 3/4" Kit box with parts label |
| 60178 | 11" x 6-3/4" x 3/4" 12 Compartments empty    |
| 60135 | 11" x 6-3/4" x 3/4" 18 Compartments empty    |

## “ADJUST-A-VALVE™” OPENERS



The patented Adjust-a-Valve™ reaches 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 and when finished, rotate it back. Adjust-a-Valve™ for 1/4" and 5/16" hoses is the same.

 **MADE IN THE USA**

| UPC#  | Description                      |
|-------|----------------------------------|
| 19302 | Adjust-a-Valve™ openers (10 pak) |
| 19301 | 1/4" Valve openers (10 pak)      |
| 19304 | 1/8" Valve openers (10 pak)      |

## GASKET REMOVER PICK

Easily remove worn gaskets from hoses and replace with new gaskets. Sharp, angled pick is long enough to pull the gasket from deep inside the hose. Notch on the opposite end of the pick for placing the depressor inside the hose. Pick stores inside case along with five CH20 gaskets (included) for protection and safety.



| UPC#  | Description                      |
|-------|----------------------------------|
| 19047 | Gasket Remover Pick (Individual) |
| 19048 | Counter Display (12 pak)         |

## AUTOMOTIVE R-134a A/C COUPLERS

Premium with control valve

41301 - 41338



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                             |
|-------|---|
| 41301 | Chrome hi-side x 14 mm R-134a coupler   |
| 41302 | Chrome lo-side x 14 mm R-134a coupler   |
| 41327 | Hi-side x 3/8" Male fl., R-134a coupler |
| 41328 | Lo-side x 3/8" Male fl., R-134a coupler |
| 41337 | Hi-side x 1/4" Male fl., R-134a coupler |
| 41338 | Lo-side x 1/4" Male fl., R-134a coupler |
| 41300 | Replacement "O" rings (2 pak)           |

## LIQUID CHARGING ADAPTER

Convert liquid to saturated vapor



Liquid charging is recommended when charging blends into refrigeration and air conditioning systems. A liquid charging adapter is necessary for safe and fast liquid (saturated vapor) charging through the low pressure side of a system. The YELLOW JACKET® liquid charging adapter connects to the cylinder valve or refrigerant tank.

- 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
- Made in the USA

| UPC#  | Description                                    |
|-------|--|
| 41123 | 1/4" Liquid charging adapter                   |
| 41124 | 5/16" Liquid charging adapter                  |
| 41132 | Replacement "O" ring/orifice for 1/4" adapter  |
| 41138 | Replacement "O" ring/orifice for 5/16" adapter |

## AUTOMOTIVE R-134a ECONOMY A/C COUPLERS



A basic R-134a service coupler with no control valve. Snaps on for instant flow.

| UPC#  | Description                      |
|-------|----------------------------------|
| 41318 | Lo-side coupler with 1/4" flare  |
| 41317 | Hi-side coupler with 1/4" flare  |
| 41305 | Replacement "O" ring set (6 pak) |

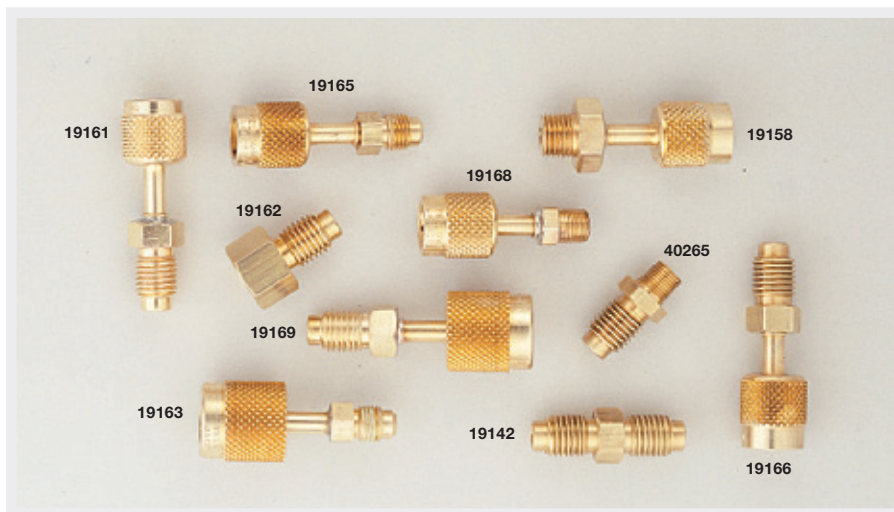
## AUTOMOTIVE 1234YF A/C COUPLERS



- Couplers interface with 1234yf service ports.
- M12x1.5-6H Female thread
- Quick, easy connect/disconnect
- Meets SAE J639

| UPC#  | Description                  |
|-------|------------------------------|
| 41441 | 1234yf hi-side coupler, 12mm |
| 41442 | 1234yf lo-side coupler, 12mm |

## AUTOMOTIVE A/C FITTINGS COUPLERS



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

| UPC#   | Description   |
|--------|---|
| 19157* | 14 mm Male x 1/4" Male flare                                    |
| 19156* | 14 mm Male x 3/8" Male flare                                    |
| 19161  | 1/2" Acme Male x 1/4" Female flare                              |
| 19165  | 1/2" Acme Female x 1/4" Male flare                              |
| 19158  | 1/2" Acme Female x 14 mm Male                                   |
| 19162  | 1/2" Acme Male x 1/4" Female flare hex                          |
| 19168  | 1/2" Acme Female x 1/8" Male pipe                               |
| 19169  | 1/2" Acme Male x 1/2" Acme SealRight                            |
| 19163  | 1/2" Acme SealRight x 1/4" Male flare                           |
| 19166  | 1/2" Acme Female x 1/2" Acme Male                               |
| 40265  | 1/2" Acme Male x 1/8" NPT Male half union                       |
| 19142  | 1/2" Acme union   |
| 19153* | 1/2" Acme Female hex x 13 mm R-134a lo-side Male for A/C system |

\* Not pictured