



Service Technician Tools

HVAC tool sets, HVAC accessories



Quality hand tools to the latest technology,
we carry it all at your local Trane parts center.

Basic HVAC tool sets

Fastenal part number 0230377

Item similar to photo shown



Description

Wrenches

- 9 pc. Std. Combo. set 1/4" - 3/4"
- 6", 8", 10" Adjustable Wrenches
- 14 pc. Std. Hex Key Wrench Set

Screwdrivers

- 1/8"x2", 1/8"x4", 1/4"x4",
3/16"x6" Flat Blade
- #0x2-1/2", #1x3", #2x4",
#2x6" Phillips

Pliers

- 7" Linesman Pliers
- 6" Needle Nose Pliers
- 7" Straight Jaw Locking Pliers
- 9 pc. Screwdriver Set
- Wire Stripper/Crimper Pliers

Misc. tools

- 25" Tape Measure
- 9" Torpedo Level
- Scratch Awl
- Utility Knife
- Thermometer
- Small Tubing Cutter
- Large Tubing Cutter
- Flaring Tool

Advanced HVAC tool sets

Fastenal part number 0230382

Item similar to photo shown



Description

Wrenches

- 12 pc. Std. Combo. Set 1/4" - 7/8"
- 6", 8" and 10" Adjustable Wrench
- 4 pc. Std. Flare Nut Wrench Set 3/8" - 7/8"
- 9 pc. Std. Folding Hex Key Set
- 13 pc. Std. Ball End Hex Key Set
- Ratcheting Refrigeration Wrench
- 18" Pipe Wrench

Screwdrivers

- 1/4"x2-1/4", 1/4"x4", 1/4"x6", 5/16"x4", 3/8"x8" Flat Blade
- #2x2-1/4", #2x4", #1x4", 1/4", 5/16", 3/8" Hollow Shaft Nut Drivers

Pliers

- 6-3/4" Slip Joint Pliers
- 8" Long Nose Pliers
- 8" Diagonal Cutting Pliers
- 10-1/2" Tongue and Groove Pliers

Punches and chisels

- 1/8" and 3/16" Pin Punch
- 3/8" Center Punch
- 1/2" and 5/8" Cold Chisel

Misc. tools

- 12 oz. Ball Pein
- Safety Goggles
- Tube Bender
- 7 pc. Flaring/Swaging Kit
- Swaging Tool
- Fin Straightener
- Valve Core Removal Tool
- Manifold Kit

HVAC accessories



Titan™ 2-valve manifold

- Forged aluminum alloy body
- Large, easy-to-read 3-1/8" steel case, 1% accuracy (Class 1) gauges
- Front access for easy field recalibration. Proven, double "O" ring piston for reliability and long service life
- 100 mesh filter in-line on all flare fittings helps keep out particulate material and extend the life of the seats
- Sight glass to easily view refrigerant movement and condition during charging and recovery

Trane P/N	Ritchie P/N	Description
MFD01081	49832	R134A, R404A, R407C
MFD01124	49863	R22, R404A, R410A
MFD01087	49802	R412, R22, R502

Automotive manifold

- Anodized aluminum block body with front calibration access port
- Triple seal™ piston valve system
- Non-flutter gauge design
- Includes 5 ft. hoses with 1/4" fitting and automotive snap couplers
- Additional Schraeder™ valve T-port

Trane P/N	Vendor P/N	Description
0454094	MDDP5K	134A

Titan™ 4-valve manifold

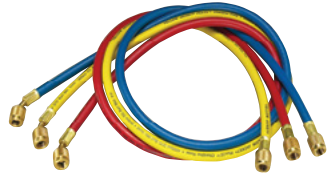
- Forged aluminum alloy body for increased strength and reliability
- Fourth hose to enable connection to high/low sides, refrigerant tank, and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses
- 3/8" vacuum port for use with larger hose to cut evacuation time by up to 33 percent (all other fittings on unit are 1/4")
- Also available with YELLOW JACKET® 3-1/8" (80 mm) red and blue liquid-filled gauges



Trane P/N	Ritchie P/N	Description
MFD1092	49902	R412, R22, R502

PLUS II™ 1/4" charging hoses w/double barrier protection for CFC, HCFC, HFC, 60"

- Nylon permeation barrier meets UL requirements.
- UL 1963 recognized component for R-12, R-22, R-500, R-502 and R-134a
- 4000 psi burst and 800 psi working pressure for a 5-to-1 safety factor
- Color-coded 3-Pak with operating temperature -20° to 180°F (-28.8° to 82.2°C)



Trane P/N	Ritchie P/N	Description
HSE01182	21985	HAV60RYB
HSE01194	22985	SealRight™ Anti-Blow Back Fitting

HVAC accessories (continued)



SealRight™ quick couplers

- Automatically and immediately trap refrigerant in the hose when disconnected
- Gaskets resist deterioration from CFC, HCFC, HFC refrigerants, and new oils
- Works with or without Schrader core
- Not recommended for R-410A systems

Trane P/N	Ritchie P/N	Description
CPL00924	19109	¼" SealRight



Automotive R-134a A/C coupler - premium

- Interface with R-134a service ports
- Quick, easy connect/disconnect
- Control valve for access to systems even at working pressures
- Low profile for tight applications

Trane P/N	Ritchie P/N	Description
CPL01083	40323	¼ Male Flare, Hi Side
CPL01082	40324	¼ Male Flare, Low Side



Core removal/vacuum/charging tool

- 1/4" 4-in-1 ball valve tool
- Vacuum: extra 1/4" side port to attach electronic micron vacuum gauge right at system for greater accuracy
- Core removal: evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core replacement
- Recovery valve: maximum efficiency, fast recovery

Trane P/N	Ritchie P/N	Description
TOL01391	18975	4-in-1 Ball Valve Tool

RecoverXLT recovery machine

- Fully automatic operation for every refrigerant
- Advanced ½ hp, 3425 rpm oil-less compressor with precision valves manufactured in an ISO-9001 facility
- Single valve control for easy changeover from liquid to vapor to purge (patent pending)
- CPR valve regulates refrigerant to the compressor. Eliminates the need for the technician to throttle the suction valve
- Recovers refrigerant and shuts off when unit reaches 15" of vacuum. Unit will automatically restart if system pressure rises
- LED signals recovery completion
- High efficiency fan keeps air moving across condenser for cool running even in hot weather
- Senses back pressure from tank and shuts off automatically at 520 psi for safety
- Single high pressure safety switch
- Reusable mesh particulate filter inserts into suction port for protection. Simple cleaning eliminates replacement due to clogging
- On-the-fly purge with simple turn of a knob to remove residual refrigerant and help prevent cross contamination



Trane P/N	Ritchie P/N	Description
TOL02858	95760	RecoverXLT

HVAC accessories (continued)



SuperEvac™ 6 CFM vacuum pump

- 2-stage rotary vane design field-rated at 15 microns or better
- Exclusive built-in vacuum indicator gauge to monitor the evacuation process
- Internal intake check valve prevents oil back-up into the system during a power failure
- Precisely machined and assembled parts with tight clearances for a deep vacuum
- Hardened cap screws keep the pumping mechanism tight
- Large oil reservoir helps reduce operating temperature and dilute corrosive contaminants
- Gas ballast valve keeps oil cleaner, longer during evacuation of wet systems
- Heavy-duty, high torque ½ hp, 1725 rpm motor assures cold weather starting
- 8' motor mounted switch power cord

Trane P/N	Ritchie P/N	Description
PMP01518	93560	6 CFM, 2-Stage



YELLOW JACKET vacuum pump oil

- Specially refined and formulated for extremely low vapor pressure and high pump efficiency at all temperature conditions
- Continued return on your pump investment with proper maintenance

Trane P/N	Ritchie P/N	Description
OIL00068	93092	1 Quart (12/case)
OIL00069	93094	1 Gallon (4/Case)

Ratchet hand bender kit

- Kit includes all items required to bend 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8" soft copper, aluminum and light hydraulic tubing
- Includes YELLOW JACKET® Premium 60101 Tube Cutter and 60161 Tube Reamer/Burr Remover



Trane P/N	Ritchie P/N	Description
TOL01441	60331	Complete Kit

Heavy-duty tube cutters

- Wide rollers with flare cut-off groove

Trane P/N	Ritchie P/N	Description
TOL01403	60160	Small-Mini, 1/8 to 5/8 OD
TOL01400	60121	Mini, 1/8 to 7/8 OD
TOL01402	60101	Premium small, 1/8 to 1-1/8
TOL01444	60102	Premium large, 1/4 thru 1-5/8



Premium tube cutters

Heavy duty mini cutters

Service wrenches

- Standard reversible ratchet wrench with square openings

Trane P/N	Ritchie P/N	Description
TOL01409	60616	knuckle-saver™ Offset, square 1/4"-3/16" and 3/8"-5/16"
TOL01408	60613	Straight, square 1/4"-3/16" and 3/8"-5/16"
TOL01435	60612	7", hex 1/2"-9/16 and square 3/16"-1/4"



60616



60612



60613

HVAC accessories (continued)



Swaging and 45° flaring tool kit

- 3/16" to 3/4" Tube Sizes
- Kit complete with six swage adapters, flaring cone, two flaring bars, yoke, and deluxe case

Trane P/N	Ritchie P/N	Description
TOL01407	60440	3/16"-3/4"



Refrigerant scales, 220 lb. capacity

- Weigh the refrigerant container and charge directly into the system or recover from the system. No concern about residual refrigerant in a charging cylinder.
- Self-contained scale ready to use in the carrying case or removed and set on a level surface. 220-lb. capacity.

Trane P/N	Ritchie P/N	Description
TOL02018	68812	Electronic Charging Scale
TOL02019	68813	Programmable Electronic Scale

Tru Pointe™ refrigerant leak detector

- Detects all CFC, HFC, and HCFC refrigerants
- Patented Heated Diode Sensor Technology
- Instantaneous response time
- Innovative sensor replacement design
- Battery-powered with low battery indication
- Long-life, DC brushless fan
- High and low-sensitivity modes
- Automatic zero and background compensation
- Audible and visual leak detection



Trane P/N	Bacharach P/N	Description
TOL02782	0019-8106	Tru-Pointe

AccuProbe™ leak detector

- Heated sensor tip of the YELLOW JACKET® AccuProbe™ Leak Detector positively identifies the leak source for all refrigerants
- Frequency of flashes in the tip and audible beeping increases the closer you get to the leak source
- Zero-in and theSmart Alarm™ LED shows how big or small the leak on a scale of 1 to 9
- Determine if the leak needs immediate repair



Trane P/N	Ritchie P/N	Description
TOL01972	69365	Heated AccuProbe™

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