

JB INDUSTRIES

AMERICAN INNOVATION

KEEPING IT COOL IN THE USA | HVAC TOOLS, VALVES, AND FITTINGS





JBIND.COM | PRODUCT CATALOG 54

■ **T** I 77-8;

6

FEFELIIST



After a roller-coaster of a ride in 2020, the world thought 2021 might return to some level of normalcy. Wow! In 2021, all facets of our lives, business and personal, were again impacted in profound manners. The continued impact of the pandemic along with supply chain disruptions and the accompanying inflationary pressures affected us all.

As a USA manufacturer in Aurora, Illinois, JB continued to operate relatively normally. Our domestic commodity supplier partners did a great job keeping our factory running and keeping supply disruptions to a minimum. While always looking for cost efficiencies and helping minimize price volatility, JB will never sacrifice the tool quality and delivery synonymous with the JB name.

A quick fun fact -85% of JB tools sold are Made in the USA, with the remaining tools engineered and designed in the USA.

Our team is especially proud of the new tools in this year's catalog. These JB-designed and manufactured tools were recognized by the industry with awards and provide time-saving tools for our customers. Our newest tools include:

- PLATINUM 12 CFM Vacuum Pump
- PLATINUM FLEX AC/Battery Powered Vacuum Pump
- F6-BOOST Refrigerant Recovery Unit with industry-leading speeds
- ATLAS DS-250 Wireless Digital Scale
- ATLAS DS-5000 Propane Scale
- CLIMATE CLASS Wireless Temperature Clamps and Psychrometer/Hygrometer
- ACCELERATOR Rapid evacuation kit featuring new Valve Core Removal Tools and Y-FORCE High-Speed fittings
- JB GO app

We are incredibly excited about our tool roadmap that will include a full suite of wireless tools and other innovative tools to make users of JB tools more efficient so they can get off the job site faster.

JB launched a new website in Q4 2021 and is in the process of creating new digital content, so be on the lookout for new videos and a social media presence. These digital components will enhance our ability to support training sessions, pump days, and finally, in-person trade shows.

As we enter 2022, please know we are grateful for the continued business and partnerships. JB's philosophy is to continue to support only authorized wholesale distributors and offer the best American designed and manufactured tools, just as JB has done since 1967.

We thank our customers for the continued support and look forward to a great partnership in 2022 and beyond!

I would also like to thank everyone in the JB family, without whom none of this would even be possible. Their commitment and devotion inspire us to work harder every day.

Wishing all a safe and healthy 2022!!

Jeff Cherif President

JB INDUSTRIES Exclusively Supports Authorized Wholesale Distribution Channels

Vacuum Pumps/Accessories

-	
PLATINUM [®] BEAST Pump	.8
PLATINUM [®] FLEX Pumps	.9
PLATINUM [®] Pumps	10
ELIMINATOR [®] Pumps	
ACCELERATOR VL-200	12
VELOCITY VL-100	12
Y-FORCE	13
The TANK	13
BLACK GOLD	13

Refrigerant Recovery

F6-BOOST BLDC Ignition-Proof	
Refrigerant Recovery Unit	.14
F6-DP [™] Refrigerant Recovery Unit	.15

Climate Class

Wireless Temperature Clamps	.16
Wireless Psychrometer/Hygrometer	.16

Digital Vacuum Gauges

-			-		
DVR-22					.17
DV-22N/DV-24N					.18
DV-40S Wireless					.18
SUPERNOVA® DV-41					.19
SH-35N Wireless					.19

Leak Detection

AURORA® LD-6000IR .				.20
PROWLER® LD-5000 .				.20
LDC-4000				.21
QUEST® LD-3000				.21

Digital Manifolds

REVOLVER [®] DM4-RW Digital Wireless.	.22
ZEPPELIN [®] DM4-ZW Digital Wireless.	.22
REVOLVER [®] DM4-R Digital	.23
ZEPPELIN [®] DM4-Z Digital	.23

Manifolds

PATRIOT™ 2-Valve Brass	.24
REVOLVER [®] 4-Valve Ball	.25
ZEPPELIN [®] 2-Valve Aluminum	.26
ZEPPELIN [®] 4-Valve Aluminum	. 27
M2 Standard	. 28
M2 Heat Pump	. 29
CO2	. 29
Metric	. 29

Gauges

LED	30
Natural Gas	30
Gauge Boots and Replacement Lenses .	30
Gas Pressure Test Kits	30
Gas Test Gauges	30

Gauge Options	
Refrigerant Scales	
ATLAS [®] DS-5000 Propane	32
ATLAS [®] DS-250 Wireless	
ATLAS [®] DS-20000 Digital	
-	
Refrigerant Hoses	
CNTL90 Series Pressure Control	.34
CLRF Series Flexible Hydrocarbon	.34
KOBRA® CLSX Series	
KOBRA® CLSX Series Repair	.35
KOBRA® CLS Series	.36
KOBRA® CLS Series Repair	
KOBRA® CLE Series	.37
KOBRA® CLBV Series	.37
KOBRA® CLV, CLV6, CLP Series	
Heavy-Duty Black Charging Series	.38
Standard Series	.38
Hose Replacement Parts	.39
Mini Ball-Valves	.39
Flexible Metal Hose	.39
Secure Seal Adapters	.39

Mini-Split Tool Kits

MSKIT1,	MSKIT2 and MSKIT3.		.40)
-	_			

- SHIELD_® Locking Caps...42
- CoreMax_®43

Access Valves

Access Valve Overview	.44
Copper Tube Extension	
Copper 90° Elbow	.45
Copper Braze Tee	.46
Copper Access Union	.46
Service Kit	.46
Swivel Flare	.47
Coupler with Depressor	.47
Bulkhead Mounting	.47
Crosses	.47
MPT Connections	.48
A32525SV and A32525SVT	.49
Valve Cores and Removal Tools	.50

Caps and Couplers

Seal Caps				.51
O-ring Seal Line Piercing.				.51
Backseating Control Valve				.51
Quick Couplers				.52
Swivel Cylinder Valve				.52
Core Depressor				.52
Liquid Charging Adapters				.52
O-Rings/Gaskets				.53

Brass Fittings

American-made Brass	6
Brass Flared Tube Fittings	•
Flared Tube Fittings	•
Brass Pipe Fittings	Ì
-	

Ball Valves

Shutoff					.62
Needle					.62
E-Line Retrofit Caps .					.62
Refrigerant Ball Valves					.63
E-Line Actuators					.63

Just Better Tools

Tube Cutters	.64
Pipe Shears	.65
Solenoid Magnet	.65
Aluminum Pipe Wrench	
Pliers	
Adjustable Slim Profile Wrench	.66
Service Wrenches	.67
Torque Wrench Kit	.67
Imperial Spanner Heads	
Tube Benders	
Spring Tube Benders	
Flaring Tools	
Tube Expander Kit	.69
Hex Key Adapter	
Steel Strap	
Oil Transfer Pump	
Swage Tools	
Braze-Rite Adapter	
Pinch-Off Tool	
Deburring Tools	
Fin Straighteners	
Capillary Tubing	.72
Automotive	74
Automotive.	. / 4
LA-CO Products	. 75
Warranty and Daturna	
Warranty and Returns	. 76
Repair Parts	. 78
Index	.83
Sales Contacts	.87

New

PLATINUM® BEAST 12 CFM Vacuum Pump

See page 8



PLATINUM® FLEX AC/Battery Powered Vacuum Pump See page 9



JB GO Combined Tool App

The **JB GO** app is designed to make working on-site with JB wireless and digital tools accurate, fast and efficient. JB wireless and digital

tools have been designed to help technicians and contractors log data and get accurate readouts while on-site. The **JB GO** app works with the following tools:

- DM4-ZW ZEPPELIN® Wireless Digital Manifold
- DM4-RW REVOLVER® Wireless Digital Manifold
- SH-35N Wireless Gauge for Superheat/Subcooling
- DV-40S Digital Vacuum Gauge
- ATLAS® DS-250 Wireless Refrigerant Scale
- ATLAS® DS-20000S Wireless Refrigerant Scale
- CLIMATE CLASS Wireless Temperature Tools





CLIMATE CLASS Wireless Temperature Clamps

See page 16



CLIMATE CLASS

JB GO

Wireless Psychrometer/ Hygrometer See page 17

D

HI 56.4

0 -

B

57.5

0 -



New

JB

335.3

6.4 97.2

116.3

F6-BOOST BLDC Ignition-Proof Refrigerant Recovery Unit See page 14



JB



<image>

REVOLVER® DM4-RW

& ZEPPELIN_® DM4-ZW

Wireless Digital Manifolds

335.3

6.4

116.3 39.1 H 11.1 1 50.2

See page 22

ATLAS_® DS-5000 Propane Scale

ATLAS_® DS-250 Scale

Wireless Digital Refrigerant Scale with Wired Handset

See page 33



Vacuum Pumps Recovery Climate Class Digital Gauges Leak Detection Digital Manifolds Manifolds/ Gauges Scales Hoses Mini-Split Tool Kits SHIELD CoreMax Access Valves **Brass** Fittings Ball Valves Just Better Tools Warranty/ Automotive/ Capillary Repair LA-CO Tubing Index/ Contacts

New



NUR TO CHARGE WATS MISSI TO TORN ON UP: POINT MISSI TO CHARGE WATS MISSI TO CHARGE WA

ACCELERATOR

VL-200 Rapid Evacuation Kit

See page 12





A32525SV and A32525SVT Valve Core Removal Tool with Slide Valve

Side Port and Torque Setting

See page 49



QC-206/QC-208 Dual, High-Speed Coupler Connectors

See page 13





JB INDUSTRIES

New Tool Overview



Index/ Contacts



a leak-free system, if the micron gauge is not reading a deep vacuum, the oil is contaminated and should be changed. During the testing process is the only time it is recommended to have a micron gauge attached directly to pump.



the 1.5 to 10 CFM class are adequate to handle 99% of the work.

JB pumps are built to last and are the best and longest-lasting pumps

New

Vacuum Pumps

Recovery

Climate Class

Scales

Hoses

SHIELD

CoreMax

8

New

NEW

3.0<u>m</u>/18

PLATIN

DV-142-FLEX

 \mathbb{D}

DEALER DESIGN AWARDS

PLATINUN

AC/Battery Powered Vacuum Pump EXTRA FREEDOM. EXTRA POWER. EXTRA CAPACITY

Work better with the Dealer Design Award-winning PLATINUM® FLEX battery or AC-powered vacuum pump. American-made top-of-the-line for both quality and durability-Pump of Choice for HVAC/R technicians.

- Powered by JB's 9.0 Ah/18v lithium-ion battery or auto-switching dual voltage AC Adapter
- 1/2 HP DC brushless motor
- Available in 3 CFM or 5 CFM
- · Low battery warning light with audible alert
- Easy access 1/4", 3/8" or 1/2" intake tee
- 15 micron vacuum rating
- · Gas ballast and blank-off isolation valve
- Metal construction with finned aluminum heavy-duty housing, brass fittings, and stainless steel valving
- Ergonomic 1/2" NPT exhaust handle with lift ring
- Large, easy-to-read oil level sight glass with easy access oil fill located on cover
- O-ring sealed oil drain valve to prevent leaks and tethered safety cap to prevent oil spills
- · Internal check valve prevents oil back-flow during power failure
- 22oz. Oil Capacity
- Field repairable
- 1 year OTC warranty; 2 year on vacuum pump
- Made in the USA

Accessories

Accessories shown below are available in pump kits or sold separately.



DV-BP-BAT

DV-BP-CHRG

DV-BP-AC

PLATINUM _® FLEX BATTERY F	POWERED VACUUM PUN	IPS				
	DV-85-FLEX	DV-85-FLEX-AC	DV-85-FLEX-BAT	DV-142-FLEX	DV-142-FLEX-AC	DV-142-FLEX-BAT
CFM	3 CFM (85 l/m)	3 CFM (85 l/m)	3 CFM (85 l/m)	5 CFM (142 l/m)	5 CFM (142 l/m)	5 CFM (142 l/m)
MOTOR	1/2 HP, 1725 RPM					
VOLTAGE	Battery: 9.0 Ah/18v Adapter: 115v/60Hz 230v/50Hz					
INTAKE PORT	1/2" x 1/4" x 3/8"					
OIL CAPACITY	26oz (769cc)	26oz (769cc)	26oz (769cc)	21oz (621cc)	21oz (621cc)	21oz (621cc)
AC ADAPTER: DV-BP-AC	Included	Included	Not Included	Included	Included	Not Included
BATTERY: DV-BP-BAT CHARGER: DV-BP-CHRG	Included	Not Included	Included	Included	Not Included	Included
BATTERY RUN TIME	Approximately 90 minutes	Approximately 90 minutes	Approximately 90 minutes	Approximately 60 minutes	Approximately 60 minutes	Approximately 60 minutes

PLATINUM® **Best Vacuum Pump in the Industry**

- 2-Stage direct drive with 1/2 HP capacitor start and thermal overload protection
- Available in 1.5, 3, 5, 7, and 10 CFM
- Easy access 1/4", 3/8", or 1/2" intake tee
- 15 micron vacuum rating
- · Gas ballast and blank-off isolation valve
- All-metal construction with finned aluminum heavy-duty housing, brass fittings, stainless steel valving, and splash guard
- Ergonomic 1/2" NPT break-resistant exhaust handle with lift ring
- · Large, easy-to-see oil level sight glass with easy access oil fill on cover
- O-ring sealed oil drain valve to prevent leaks and tethered safety cap to prevent oil spills
- Internal check valve prevents oil back-flow during power failure
- 100% field repairable; see page 78 for repair parts
- Available in 115v or dual voltage motor with switch (115v/230v)
- Removable, interchangeable power cord on dual voltage motors
- 2 year OTC warranty
- Made in the USA

Spark-Proof Pump

Spark-proof, dual voltage motor with switch and removable, interchangeable power cord for use on Class A1, A2L, A2 and A3 refrigeration systems, DV-200N-250SP

International Dual Voltage Pump

PLATINUM® -250 and -250SP Series models feature a dual voltage motor with switch and removable, interchangeable power cord. Specify US, EU, UK, AU or BR plug type.









US Cord PR-110 (110v) PR-230 (230v)

EU Cord UK Cord PR-136 PR-236

AU Cord BR Cord PR-336 PR-436

DV-200N

DV-200N-250SP Spark-Proof



Sliding switch for 115v or 230v on dual voltage models



Sliding switch for 115v or 230v on spark-proof models



() **A** ((@)

PLATINUM _® PUMPS						
	DV-42N	DV-85N	DV-142N	DV	-200N	DV-285N
CFM	1.5 CFM (42 l/m)	3 CFM (85 l/m)	5 CFM (142 l/m)	7 CFM (200 l/m)		10 CFM (285 l/m)
MOTOR	1/2 HP, 1725 RPM		1/2 HP, 1725 RPM			
VOLTAGE	115v/60Hz	115v/60Hz	115v/60Hz	115v/60Hz		115v/60Hz
INTAKE PORT	1/4"	1/4" x 3/8"	1/2" x 1/4" x 3/8"	1/2" x 1/4" x 3/8"		1/2" x 1/4" x 3/8"
OIL CAPACITY	26oz (769cc)	26oz (769cc)	26oz (769cc)	21oz (621cc)	21oz (621cc)	21oz (621cc)
SHIPPING DIMS	17-5/8" x 9-1/8" x 14"		17-5/8" x 9-1/8" x 14"			
WEIGHT	29lbs (13.2kg)	30lbs (13.6kg)	32lbs (14.5kg)	32lbs (14.5kg)		34lbs (15.4kg)
PLATINUM® DUAL V	OLTAGE AND SPARK-PROOI	FPUMPS				
	DV-42N-250	DV-85N-250	DV-142N-250	DV-200N-250	DV-200N-250SP Spark-proof	DV-285N-250
MOTOR	1/2 HP, 1725/1425 RPM	1/2 HP, 1725/1425 RPM				
VOLTAGE	115v/60Hz, 230v/50Hz	115v/60Hz, 230v/50Hz				
PLUG OPTIONS*	US/EU/UK/AU/BR	US/EU/UK/AU/BR	US/EU/UK/AU/BR	US/EU/UK/AU/BR	US/EU/UK/AU/BR	US/EU/UK/AU/BR

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Digital Leak Manifolds Detection

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass

Ball /alves

Just Better Tools

Capillary

Warranty/ Automotive/ Repair LA-CO

Index/ Contacts

JB INDUSTRIES

ELIMINATOR®

• Available in 3, 4, and 6 CFM • Easy access 1/4" or 3/8" intake tee • 25 micron vacuum rating

stainless steel valving

2 year OTC warranty

Made in the USA

Spark-Proof Pump

EU, UK, AU, or BR plug type.

USA Made Economy Vacuum Pump • 2-Stage direct drive with 1/2 HP 1725 RPM motor

· All-metal construction with burnished cover, brass fittings and

 Available in 115v or dual voltage motor with switch (115v/230v) • Removable, interchangeable power cord on dual voltage motors

Spark-proof, dual voltage motor with switch and removable, interchangeable power cord for use on Class A1, A2L, A2 and A3 refrigeration systems, **DV-6E-250SP**

ELIMINATOR® -250 and -250SP Series models feature a dual voltage motor with switch and removable, interchangeable power cord. Specify US,

International Dual Voltage Pump

· Large, easy-to-see oil level sight glass with easy access oil fill on cover

• Ergonomic 1/2" break-resistant exhaust handle

• 100% field repairable; see page 80 for repair parts

Tethered safety cap to prevent oil spills

VACUUM PUMPS & ACCESSORIES

Vacuum Pumps Recovery Climate Class Digital Gauges Leak Detection Manifolds Digital Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

Sliding switch for 115v or 230v on dual voltage models



Sliding switch for 115v or 230v on spark-proof models



PR-230 (230v)





EU Cord PR-136

UK Cord AU Cord PR-236 PR-336



DV-6E-250SP Spark-Proof

DV-6E



ELIMINATOR [®] PUMPS							
		DV-3E			DV-4E	DV-6E	
	CFM 3 CFN	1 (85 l/m)		4 CFM (113 l/m)		6 CFM (170 l/m)	
N	IOTOR 1/2 H	P, 1725 RPM		1/2 HP, 1725 RPN	1/2 HP, 1725 RPM		1725 RPM
VO	ITAGE 115v/	50Hz		115v/60Hz		115v/60	Hz
INTAKE	PORT 1/4" x	3/8"		1/4" x 3/8"		1/4" x 3,	/8"
OIL CAF	PACITY 2802 (28oz (828cc)		25oz (739cc)		25oz (739cc)	
SHIPPING	DIMS 17-5/8	17-5/8" x 9-1/8" x 14"		17-5/8" x 9-1/8" x 14"		17-5/8" x 9-1/8" x 14"	
W	/EIGHT 29lbs	29lbs (13.2kg)		30lbs (13.6kg)		30lbs (13.6kg)	
ELIMINATOR® DUAL VOLTAGE							
	DV	-3E-250	DV-4	4E-250	DV-6E-250		DV-6E-250SP
MOTOR	1/2 HP, 1725/14	125 RPM	1/2 HP, 1725/142	5 RPM	1/2 HP, 1725/1425 RPM		1/2 HP, 1725/1425 RPM
VOLTAGE	115v/60Hz, 230	0Hz, 230v/50Hz 115v/60Hz, 230v/		ı/50Hz 115v/60Hz, 230v/50Hz			115v/60Hz, 230v/50Hz
PLUG	US 220v	v US 220v		US 220v			US 220v
PLUG OPTIONS*	US/EU/UK/AU,	/BR	US/EU/UK/AU/B	R US/EU/UK/AU/BR			US/EU/UK/AU/BR



*Specify plug type when ordering; -250 for US, -250EU for EU, -250UK for UK.

Index/ Contacts

JB INDUSTRIES

ACCELERATOR VL-200 Rapid Evacuation Kit

The VL-200 ACCELERATOR Rapid Evacuation Kit paired with a JB vacuum pump allows technicians to remove restrictive valve cores and perform HVAC/R system evacuations up to 20x Faster.

- Y-FORCE Dual, High-speed Coupler Connector increases speed of evacuation
- 48" long, 1/2" diameter vacuum certified evacuation hose will not collapse or permeate
- A32525N 1/4" valve core tool removes restrictive cores and maximizes flow; Vacuum rated to 20 microns
- Opens up over 90% of internal diameter of access port
- A32525SV Easily attaches and protects vacuum gauge with the slide valve side port
- Made in the USA





Easily attaches and protects vacuum gauge with the slide valve side port

Increase speed of evacuation with the Y-FORCE Coupler Connector and two large diameter hoses

DADT NO	DESCRIPTION
PART NO.	DESCRIPTION
VL-200	ACCELERATOR evacuation kit with A32525N, A32525SV, QC-208, QC-206, CL264-48 (2), and JB branded convenient storage bag
A32525SV	Valve Core Removal Tool with Slide Valve Side Port
A32525N	Valve core removal tool
QC-206	(3/8") Y-FORCE Dual, High-Speed Coupler Connector
QC-208	(1/2") Y-FORCE Dual, High-Speed Coupler Connector
CL264-48	Two 48" long, 1/2" diameter evacuation hose with 3/8" x 1/4" SAE female swivel hose connections
P325	1/4" and 5/16" replacement gaskets for A32525N (1 each)



VL-100 Rapid Evacuation Kit

The VL-100 VELOCITY Rapid Evacuation Kit paired with a vacuum pump allows technicians to remove restrictive valve cores and perform HVAC/R system evacuations up to 10x Faster.

- 60" long, 1/2" diameter evacuation hose
- A32525N Valve Core Tool removes restrictive cores; vacuum rated to 20 microns
- Opens up over 90% of internal diameter of access port
- Vacuum certified hose will not collapse or permeate
- Made in the USA

DESCRIPTION
VELOCITY evacuation kit with hose and valve core removal tool
Valve core removal tool
One 60" long, 1/2" diameter hose; 3/8" x 1/4" SAE flare
1/4" and 5/16" replacement gaskets for A32525N (1 each)



Y-FORCE

VACUUM PUMPS & ACCESSORIES



Dual, High-Speed Coupler Connectors

Work faster with the Y-FORCE Dual, High-Speed Coupler Connector available with a 3/8" or 1/2" connection.

- Speed up evacuation with dual hose connections; Easily connects multiple hoses to one point
- Vacuum rated and designed for high-pressure refrigerants
- Rugged solid brass construction
- Use with any vacuum pump
- Made in the USA



3/8" or 1/2"



Increase speed of evacuation with the Y-FORCE Dual, High-speed Coupler Connector and two large diameter hoses.

PART NO.	DESCRIPTION
QC-206	3/8" x 3/8" x 3/8"
QC-208	3/8" x 3/8" x 1/2"

Quick Couplers

- Features o-ring seal and no depressor
- Made in the USA



QC-E64

PART NO.	DESCRIPTION
QC-E64	3/8" QC x 1/4" SAE elbow
QC-S64	3/8" QC x 1/4" SAE straight
P90009	1/4" Replacement o-ring (10 pack)
P90012	3/8" Replacement o-ring (10 pack)

DV-T1

THE TANK Vacuum Pump Oil Caddy

- Changing the oil after every job will extend the life of your vacuum pump
- Clean oil ensures peak pump efficiency and deep vacuum
- Holds up to 5 oil changes
- Easy-to-carry handle
- No mess, No spills
- Environmentally friendly
- Made in the USA



 PART NO.
 DESCRIPTION

 DV-T1
 The TANK Vacuum Pump Oil Caddy

Shutoff Valve

- O-ring quick coupler shutoff valves for blanking off vacuum system; pressures up to 800lbs
- Made in the USA

PART NO

D10162



D10162

DESCRIPTION

1/4" Female QC x 1/4" flare

BLACK GOLD®

Pump Oil

• Acts as a coolant, lubricant, and sealant simultaneously. Non-detergent, hydro-processed





PART NO.	QTY.	DESCRIPTION
DVO-1	24	BLACK GOLD pint case
DVO-12	12	BLACK GOLD quart case
DVO-24	6	BLACK GOLD gallon case

Oil Mist Filter

Eliminates oil mist from pump handle

Made in the USA



DV-F8

PART NO.	DESCRIPTION
DV-F6	Oil mist filter 3/8"; ELIMINATOR (pre-2011) and PLATINUM (pre-2008)
DV-F8	Oil mist filter 1/2"; ELIMINATOR (2011+) and PLATINUM (2000+)

Swivel Couplers

- Features an o-ring seal
- Made in the USA



D10244

PART NO.	DESCRIPTION	
D10244	1/4" Female swivel coupler	
D10266	3/8" Female swivel coupler	
P90009	1/4" Replacement o-ring (10 pack)	
P90012	3/8" Replacement o-ring (10 pack)	

PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

Recovery



F67-BOOST

BLDC Ignition-Proof Refrigerant Recovery Unit

The F6-BOOST Refrigerant Recovery Unit provides over 20% faster recovery rates than competitor models. The unique 2-cylinder, oilless compressor, and long-lasting pistons are contained in a lightweight, ergonomically designed, easy-to-use unit. The F6-BOOST gives the user fast and reliable refrigerant recovery of AHRI groups A2L, III, IV, and V refrigerants.

FEATURES

- Dual voltage (100-240VAC 50/60Hz)
- Powerful 1.25 HP BLDC (Brushless DC) motor-driven oilless compressor
- Ignition-proof design tested and approved to ISA 12.12.01:2016 Ed.7
- High air-flow fan with a micro-channel condenser keeps the unit running cool
- Variable speed motor (based on load)
- 2-piece, oilless piston seal design with long-lasting, durable elastomer, easy-to-replace piston seals
- Non-pressurized vented crank case (prevents refrigerant from damaging bearings or seals)
- Built-in purge functionality (self-clearing or pump down) to prevent cross-contamination
- High-pressure 550 PSIG cutout switch
- Easy-to-use interface with 2-1/4" high/low gauges
- Auto shut-off when recovery is complete
- Status Indicator light
- Optional stainless steel interior model for medical related industries
- Compact lightweight 23.5lb unit with robust, high-impact, injection-molded case
- Recessed folding handle with rubber grip and padded shoulder strap
- 10' locking power cable and velcro cord wrap
- 1 year OTC warranty / 2 year return and repair; Use this device to recover only HVAC/R refrigerants from sealed HVAC/R systems. Warranty voided if used for any other purpose.

PART NO.	DESCRIPTION
F6-BOOST	BLDC Ignition-Proof Refrigerant Recovery Unit
F6-B00ST-SS	BLDC Ignition-Proof Refrigerant Recovery Unit (Stainless Steel)
F6-BOOST-TOC	Optional tank overflow switch







Unit has rugged recessed handle for storage, locking cable, and velco cord wrap. Knock-out location for optional tank overflow switch (sold separately).

Index/ Contacts

Recovery

Refrigerant Recovery Unit

- · Full one horsepower motor
- Powerful dual piston compressor
- Self-purge without changing hoses
- Simple two-valve operation
- Micro-channel condenser for industry-leading recovery rates
- Oversized cooling fan for superior heat dissipation
- Full-size protected gauges for suction and tank pressure
- Heavy-duty handle with comfortable rubber grip and detachable power cord
- For use with all Class III, IV, and V refrigerants, including R410A
- Filter/drier included
- 3 year OTC warranty

Refrigerant Recovery Tanks

- For safely storing or transporting refrigerant
- Available in 30lb and 50lb tanks

Recovery

Safety

- · Refrigerant should be recovered by trained professionals only.
- Wear protective gear, gloves, and eye protection
- Never mix refrigerants
- Do not overfill tanks past 80% capacity

Use proper equipment

Use a refrigerant scale such as JB's DS-250 to ensure proper refrigerant measurement.





PART NO.	DESCRIPTION
F6-DP	F6 Refrigerant Recovery Unit (115v)
F6-DP-250	F6 Refrigerant Recovery Unit (230v)
F6-FLT	Filter/drier attachment
F6-STRAP	Replacement carrying strap
F6-BH	Replacement blue knob and screw
F6-RH	Replacement red knob and screw
F6-110-CRD	Replacement power cord
F6-RBFT	Replacement rubber foot
F6-RHP	Replacement gauges
REC-TANK-30	30lb Empty refrigerant tank cylinder
REC-TANK-50	50lb Empty refrigerant tank cylinder



Carrying strap with shoulder pad Heavy-duty metal handle with comfortable rubber grip

Rugged blow-molded outer shell

Micro-channel condenser for industry-leading recovery rates Large fan for superior heat dissipation Circuit breaker Detachable and replaceable power cord for easy maintenance

PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

Index/ Contacts

Just Better Capillary Automo- Warranty/ Tools Tubing tive/LA-CO Repair

Climate Class

NEW

CLIMATE CLASS



Wireless Temperature Clamps

- The New Wireless Temperature Clamps from the JB CLIMATE CLASS family of tools wirelessly connect with the DM4-W Wireless Digital Manifolds through the JB GO App
- Measures pipe temperatures in HVAC and refrigeration systems; Thermistor sensor for accurate temperature measurements
- Bright OLED screen displays information (does not require an IOS or Android app); includes battery life indicator
- 2 button interface and intuitive menu offers easy setting adjustments
- · Over-molded parts for increased grip and durability
- 2 year warranty

Specifications

Sensor Type **Temperature Units** Temperature Range Accuracy Resolution Large Pipe Diameter Range 1/4" to 2"; Large jaws Bluetooth[®] Range Power Supply Battery Life **Operating Temperature** Storage Temperature Storage Humidity Display Unit Weight Compatibility **IP** Rating

Thermistor Fahrenheit, Celsius -40 to 302 °F ±2.3 °F (-4 to 185 °F) 0.1 °F Up to 350ft (92m) - Dependent on environment Two AA batteries (included) Approximately 120 hours; indicator light +32°F to 122°F (0°C to +50°C) +14°F to 140°F (-10°C to +60°C) 85% RH @113°F (45°C), non-condensing OLED 6.5 oz Min iOS Ver. 0.0+. Min Android Ver. 6.0+ Designed to meet IP-54

CLIMATE CLASS

Wireless Psychrometer/Hygrometer

- The NEW Wireless Psychrometer/Hygrometer from the JB CLIMATE CLASS family of tools wirelessly connect with the DM4-W Wireless Digital Manifolds through the **JB GO** App
- Measures temperature and humidity (Wet Bulb, Dry bulb, Relative Humidity, and Dew Point)
- Non-removable shield cap that twists to protect the sensor when not in use; Flexible wand for pin-pointing specific areas
- Bright OLED screen displays information (without requiring an IOS or Android app); includes battery life indicator
- 2 button interface and intuitive menu offers easy setting adjustments
- Over-molded parts for increased grip and durability; Rear-mounted magnet for easy and secure positioning
- 1 year warranty Warranty

Specifications

Sensor Type Temperature Units Temperature Range Humidity Range Humidity Accuracy Temperature Accuracy Power Supply Battery Life Operating Temperature Storage Temperature Storage Humidity Display Unit weight Digital Humidity and Temperature Sensor Fahrenheit, Celsius -40 to +125°C (-40 to +275°F) 0% to 100% Relative Humidity $\pm 2\%$ RH $\pm 0.2°C$ Two AA batteries (included) Approximately 120 hours +32°F to 122°F (0°C to +50°C) +14°F to 140°F (-10°C to +60°C) 85% RH @113°F (45°C), non-condensing 0LED 6 oz





New

PART NO.

WC-1

WC-2

Digital Vacuum Gauges

DVR-22



Digital Vacuum Gauge

- · Measures vacuum levels in HVAC equipment
- Brass female 1/4" flare fitting easily attaches to common system fittings; Includes an angled adapter fitting for alternate positioning and improved visibility
- Large back-lit LCD display is easy to read
- Intuitive design saves the lowest vacuum reading
- Adjustable auto-off feature, long run-times, and battery life indicator
- Four button interface offers easy setting adjustments
- Durable plastic housing
- Thermistor sensor for accurate vacuum measurements and easy cleaning
- 1 year warranty

Made in the USA

Specifications

Vacuum Range	10,000 micron – 20 microns
Accuracy	+/- 20% between 10,000 and 1000 microns +/- 15% below 1000 micron
Resolution	Varies based on depth of vacuum. 1 micron resolution (below 70 microns)
Sensor type	Thermistor
Vacuum units	Microns, Torr, mTorr, PSIA, mBar, Pascals, InHg
Power Supply	Three AA batteries (included)
Battery Lif	Approximately 90 hours
Operating Temperature	+32°F to 122°F (0°C to +50°C)
Storage Temperature	+14°F to 140°F (-10°C to +60°C)
Humidity	85% RH @113°F (45°C), non-condensing
Display	Backlit LCD
Unit weight	9.5 oz



PART NO.		DESCRIPTION
DVR-22	Digital Vacuum Gauge	

Using a Vacuum Gauge How to Measure Evacuation



Digital vacuum gauges such as the DV-41 SUPERNOVA, the DV-40S or the DV-22N can precisely read the low pressures produced when evacuation/dehydration is complete. Evacuation is complete when a system holds at 500 microns. Although a compound gauge can indicate that a vacuum is being produced, it cannot measure pressure accurately or indicate whether moisture or contaminants remain in the system. A digital vacuum gauge can positively indicate that the system is free of leaks and non-condensables.

Placement of the digital vacuum gauge is important. The ideal location to measure vacuum is at the system, not the pump. Attach the digital vacuum gauge directly to the system, isolating the gauge from the pump, hoses, and manifold for accurate measurement of the vacuum in a system.

For faster evacuation time and to achieve optimum pump performance:

- 1. Select the correct pump CFM.
- 2. Use clean oil and be sure to change pump oil with **BLACK GOLD** Vacuum Pump Oil after each use. Clean oil improves pump efficiency and extends pump life.
- 3. Remove restrictive valve cores from both high and low side fitting with the A32525N and A32500N valve core tools.
- 4. Evacuate both high and low sides of the system simultaneously with a short, 3/8" diameter or larger size evacuation hose, such as the VL-100 VELOCITY Rapid Evacuation Kit.
- 5. Attach a **DV-22N** digital vacuum gauge directly to the system to monitor accurate measurement of vacuum.



Vacuum Pumps

Recovery

Climate Class

Digital

Digital Vacuum Gauges

Vacuum Pumps Recovery Climate Class Digital Gauges Digital Leak Manifolds Detection Manifolds/ Gauges Scales Hoses Mini-Split Tool Kits SHIELD CoreMax Access Valves Brass Fittings Ball /alves Capillary Just Better Tubing Tools Warranty/ Automotive/ LA-CO Repair Index/ Contacts

New

DV-22N Digital Vacuum Gauge

- Factory calibrated extended range MEMS sensor; vacuum reading range 100,000 to 10 microns
- Easy-to-read back-lit display
- Working Temperature +32°F to 120°F (+0°C to 48.9°C)
- Allows for direct connection to A/C unit without a hose
- Intuitive user menu with custom setting options; Audible and visual alarms when target vacuum level is achieved
- Low battery indicator with automatic shutoff
- Measures in microns, psia, inHg, pascals, Torr, mTorr, and mBar
- Operates with three AA batteries (included)
- Available with protective carrying case as DV-24N

Digital vacuum gauge

DV-22N with protective carrying case

Replacement depressor and gasket with filter

Protective carrying case only (models after July 2017)

Replacement o-ring for older models with o-ring (10 pack)

• 1 year warranty

PART NO

DV-22N

DV-24N

DV-27N

P511

P511-10

P90009

DV-FILTER

1	(B	1	
Ň			30	
9	*0	R	1	
			-	

DV-40S

Wireless Digital Vacuum Gauge

- Factory calibrated for accuracy
- Vacuum reading range 100,000 to 10 microns
- Wirelessly connects to smart devices with DV-40S app through JB GO
- Backup display on the gauge
- Heavy-duty, water-resistant design
- 8 hour rechargeable lithium-ion battery with USB charging adapter
- Programmable alarm system for low/high limits and approaching/leaking
- Data logging for recording and sharing job statistics
- Light or dark app theme for easy visibility
- Protective carrying case
- 1 year warranty



DV-29 Version Course Blank off Test K

Vacuum Gauge Blank-off Test Kit

Replacement gasket (6 pack)

Replacement gasket (10 pack)

The **DV-29** Vacuum Gauge Blank-off Test Kit works with vacuum gauges and the **SH-35N** Wireless Digital Gauge for Superheat and Subcooling to create a closed system ideal for checking leaks.

DESCRIPTION



PART NO.	DESCRIPTION
DV-29	Leakproof micron hook-up test kit, includes: DV-292, DV-293, DV-294, and DV-295
DV-291	Replacement 1/4" SAE swivel coupler (D10244)
DV-292	Replacement 90° male flare with 1/4" o-ring QC
DV-293	Replacement valve assembly 1/4" MFL connector
DV-294	Replacement 10" (25.4 cm) metal hose with o-ring
DV-295	Replacement ball valve with o-ring QC and depressor
P90009	Replacement o-ring (10 pack)



JB Main Menu Advanced features including color theme options and scanning for connection devices

Clipboard Access data logging and sharing features; save data and email as text

Target and Leak Alarms Selection boxes arm and silence

– Main Vacuum Reading Display

- Unit of Measure Selection

Job and Rise Test Timers Can be managed and recorded separately

Rise Vacuum Chart Line graph display of the change in vacuum during the rise test



PART NO.	DESCRIPTION
DV-40S	Wireless digital vacuum gauge with case and charging adapter
DV-40S-CS	Protective carrying case for the DV-40S
DV-40S-AC	Charging adapter with cord
A34000D	1/4" QC x 1/4" access tee with depressor
DV-FILTER	Replacement depressor and gasket with filter
P511	Replacement gasket (6 pack)
P511-10	Replacement gasket (10 pack)
P90009	Replacement o-ring for older models with o-ring (10 pack)

Digital Vacuum Gauges

DV-41 SUPERNOVA® Digital Vacuum Gauge

- Fully programmable gauge includes approach and leak alarm settings with automatic shutoff and backlight duration
- Vacuum reading range 100,000 to 10 microns
- · Measures in microns, psia, inHg, pascals, Torr, mTorr, and mBar
- Easy-to-read LCD screen
- · Factory calibrated
- 1/4" SAE flare brass fitting with flexible five-foot cord for hard-to-reach spaces
- Operates with AC adapter (included) or three AA batteries
- Protective carrying case
- 1 year warranty





PART NO.	DESCRIPTION
DV-41	Digital vacuum gauge with AC adapter and protective carrying case
DV-40C	AC adapter and protective carrying case only
DV-40AC	AC Adapter
DV-40HK	Hanging hook replacement
A34000D	1/4" QC x 1/4" access tee with depressor
DV-FILTER	Replacement depressor and gasket with filter
P511	Replacement gasket (6 pack)
P511-10	Replacement gasket (10 pack)
P90009	Replacement o-ring for older models with o-ring (10 pack)

SH-35N

Wireless Gauge for Superheat and Subcooling

- Wirelessly connects to smart devices with SH-35N app through **JB GO**; share screenshots right from your phone
- OLED sunlight-readable screen
- Protective carrying case
- Built-in valve port to easily adjust refrigerant charge
- Range up to 400ft (unobstructed)
- Rechargeable lithium polymer battery
- 50+ Refrigerants
- 1 year warranty

Specifications

Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Pressure Range	-14.7 psi to 670 psi
Pressure Accuracy	+/- 0.5%FS
Temperature Range	-58°F to 302°F (-50°C to 150°C)
Temperature Accuracy	+/- 1.2%FS





PART NO.	DESCRIPTION
SH-35N	Digital wireless gauge for superheat/subcooling includes temperature clamp, power charger, and protective carrying case
SH-35-CL	Temperature clamp
SH-35N-CS	Protective carrying case
P511	Replacement gasket (6 pack)
P511-10	Replacement gasket (10 pack)



Leak Detection

LD-6000IR AURORA® Infrared Refrigerant Leak Detector

- Detects all CFC, HFC, HCFC, HFO-1234YF, and blended refrigerants
- Infrared sensor life > 10 years
- High (0.10 oz/year and higher), medium (0.25 oz/year and higher), and low (0.5 oz/year and higher) sensitivity settings
- Visual and audible alerts
- · Accurate to 0.10oz/year
- Will not trigger on oil or moisture
- Convenient magnetic hanger
- Easy-to-read LED display
- Stores highest change in refrigerant concentration achieved
- 16" flexible probe
- Protective carrying case
- · Magnetic hanger
- 8-hour rechargeable lithium-ion battery
- 1 year warranty



PART NO.	DESCRIPTION
LD-6000IR	AURORA leak detector in case
LDA-WE9	Wand extension – 9"
LDA-NNP4	Needle nose probe – 4-3/4"
LDA-NNP9	Needle nose probe – 9"
LDA-VCH	12v vehicle charger
LDA-WCH	120-240v wall charger
LDA-WCHUS	Wall charger – US connector (also available for UK, EU)
LDA-LI	3.7v Lithium-ion battery 1800 mAh
LDA-WTP	Wand tip
LDA-PK	Filters (10) for wand tip and probes plus o-rings (5)

LD-5000

PROWLER® Electrochemical **Refrigerant Leak Detector**

- Detects all HFC, HCFC, HFO, and blended refrigerants
- Sensor life > 10 years; proprietary electrochemical sensor will not diminish over time or with use
- Manual calibration mode and reset control
- High, medium, and low sensitivity settings
- Warm-up time < 30 seconds; response time immediate
- Mutable alarm with a silent vibrating handle
- Back-lit LCD screen tilts up for easy viewing at any angle
- 17" flexible probe
- Protective carrying case
- Operates with four AA batteries (included)
- 2 year warranty
- Made in the USA with globally sourced parts

Sensitivity R1234yf .0125 oz/yr R32 .05 oz/yr R404A .05 oz/yr R407A R410A .05 oz/yr CE R427A .05 oz/yr

PART NO.	DESCRIPTION		
LD-5000	PROWLER leak detector in case		
LD-\$101	Replacement sensor (6 prong)		
LD-RF5	Replacement filters (5 pack)		
LD-TV	Replacement leak test vial		
LD-PK	Parts kit (includes 6 prong sensor, filter kit, and test vial)		
LD-CS	Protective carrying case		
LD-ST	Replacement sensor tip		

Index/ Contacts

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Digital Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball /alves

Just Better Tools

Warranty/ Automotive/ Capillary Repair LA-CO Tubing

Leak Detection

LDC-4000 Combustible Gas and HC

Refrigerant Leak Detector

- \bullet High sensitivity to all HC refrigerants and combustible gases
- Long life, solid-state heated sensor
- Sensitive to < 5 ppm of methane
- Sensor life > 300 hours
- Automatic calibration and reset to ambient
- Comfortable rubber handle
- Intrinsically safe certified
- Low battery indicator
- 17" flexible probe
- Protective carrying case
- Operates with four AA batteries (included)
- 2 year warranty

LD-3000

QUEST_® Electrochemical Refrigerant Leak Detector

- Long life, electrochemical sensor
- Detects all CFC, HFC, HFO, and HCFC refrigerants, and hydrocarbon blends
- Automatic calibration and reset to ambient levels
- Three adjustable sensitivity levels
- Low battery indicator
- Mutable alarm function
- Comfortable rubber handle
- 18" flexible probe
- Protective carrying case
- Operates with four AA batteries (included)
- 2 year warranty
- Made in the USA with globally sourced parts



PART NO.	DESCRIPTION		
LDC-4000	Combustible Gas and HC Refrigerant leak detector in case		
LDC-4000-1	Replacement sensor (4 prong)		
LDC-4000-2	Replacement sensor cover		
LDC-4000-3	Combustible leak test vial		
LDC-4000-4	Protective carrying case		

CE

0

Detects Methane (R50)

Propane (R290)

Ethane (R170)

Acetylene

Ethanol Acetone

Gasoline

and more..

Ammonia (R717)

Isobutane (R600A) Butane (R600)

PART NO.	DESCRIPTION
LD-3000	QUEST leak detector in case
LD-S101	Replacement sensor (6 prong)
LD-RF5	Replacement filters (5 pack)
LD-TV	Replacement leak test vial
LD-PK	Parts kit (includes 6 prong sensor, filter kit, and test vial)
LD-CS	Protective carrying case
LD-ST	Replacement sensor tip

New

Vacuum Pumps

Recovery

Climate Class

Digital Manifolds

NEW

DM4-RW



Leave hoses attached in

convenient hanging case

REVOLVER_® Wireless Digital Manifold

- Wirelessly connects to smart devices through the **JB GO** app
- Simple, easy-to-navigate menu with transflective display for easy reading in direct sunlight
- 60+ Refrigerants; update through app
- Measures high side and low side pressure (ps, kPa, and bar) and temperature (°F and °C)
- Calculates superheat, subcooling, vapor, and liquid saturation
- · Laser welded stainless steel transducers
- Universal K-Type clamp thermocouples
- Protective boot and water-resistant design
- American-made forged brass REVOLVER® 4-valve liquid metering, ball valve style manifold
- Quarter-turn full open/close handle and 3/8" bore for faster evacuation
- 60" CCLE4-60 KOBRA® hose set included (4 pack)
- · Protective carrying case allows storage with connected hoses
- Convenient strap with hanging hook
- Operates with three AA batteries (included)
- 1 year warranty



DM4-ZW

- easy reading in direct sunlight • 60+ Refrigerants; update through app
- Measures high side and low side pressure (ps, kPa, and bar) and temperature (°F and °C)

ZEPPELIN[®] Wireless Digital Manifold

- Calculates superheat, subcooling, vapor, and liquid saturation
- · Laser welded stainless steel transducers
- Universal K-Type clamp thermocouples
- Protective boot and water-resistant design
- American-made heavy-duty forged aluminum ZEPPELIN® 4-valve piston style manifold
- 3/8" bore for faster evacuation
- 60" CCLE4-60 KOBRA® hose set included (4 pack)
- · Soft grip rubber handwheels reduce turning to open/close
- Protective carrying case allows storage with connected hoses
- Convenient strap with hanging hook
- Operates with three AA batteries (included)
- 1 vear warrantv



JB	Available on the iPhone App Store	
uu	Google play	

PART NO.	DESCRIPTION		
DM4-ZW	ZEPPELIN® Digital Manifold with KOBRA® 60" hose set (4) in case		
DM4-CS	Digital manifold protective carrying case		
DM4-TC	Temperature clamps		
DM4-BRK	Brackets for clamps and strap		
DM4-STRP	Strap with hook		
DM4-BT	Protective boot		
CCLE4-60	60" Gasket seal KOBRA® hose set (4)		



Google

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS

Digital Manifolds

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Leak Detection

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

DM4-R

REVOLVER® Digital Manifold

- Simple, easy-to-navigate menu with transflective display for easy reading in direct sunlight
- 60+ Refrigerants
- Measures high side and low side pressure (psi and kPa) and temperature (°F and °C)
- Calculates superheat, subcooling, vapor, and liquid saturation
- Laser welded stainless steel transducers
- Universal K-Type clamp thermocouples
- Protective boot and water-resistant design
- American-made forged brass REVOLVER® 4-valve, liquid metering, ball valve style manifold
- Quarter-turn full open/close handle and 3/8" bore for faster evacuation
- 60" CCLE4-60 KOBRA® hose set included (4 pack)
- Protective carrying case allows storage with connected hoses
- Convenient strap with hanging hook
- Operates with three AA batteries (included)
- 1 year warranty



PART NO.	DESCRIPTION		
DM4-R	$REVOLVER_\circledast$ Digital Manifold with $KOBRA_\circledast$ 60" hose set (4) in case		
DM4-CS	Digital manifold protective carrying case		
DM4-TC	Temperature clamps		
DM4-BRK	Brackets for clamps and strap		
DM4-STRP	Strap with hook		
DM4-BT	Protective boot		
CCLE4-60	60" Gasket seal KOBRA _® hose set (4)		

PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

DM4-Z

ZEPPELIN® Digital Manifold

- Simple, easy-to-navigate menu with transflective display for easy reading in direct sunlight
- 60+ Refrigerants
- Measures high side and low side pressure (psi and kPa) and temperature (°F and °C)
- Calculates superheat, subcooling, vapor, and liquid saturation
- Laser welded stainless steel transducers
- Universal K-Type clamp thermocouples
- Protective boot and water-resistant design
- American-made heavy-duty forged aluminum ZEPPELIN®
 4-valve piston style manifold
- 3/8" bore for faster evacuation
- 60" CCLE4-60 KOBRA® hose set included (4 pack)
- Soft grip rubber handwheels reduce effort turning to open/close
- · Protective carrying case allows storage with connected hoses
- Convenient strap with hanging hook
- Operates with three AA batteries (included)
- 1 year warranty



PART NO.	DESCRIPTION		
DM4-Z	ZEPPELIN $_{\circledast}$ Digital Manifold with KOBRA $_{\circledast}$ 60" hose set (4) in case		
DM4-CS	Digital manifold protective carrying case		
DM4-TC	Temperature clamps		
DM4-BRK	Brackets for clamps and strap		
DM4-STRP	Strap with hook		
DM4-BT	Protective boot		
CCLE4-60	60" Gasket seal KOBRA® hose set (4)		

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Digital Leak Manifolds Detection

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Tools

Warranty/ Automotive/ Capillary Repair LA-CO Tubing

PATRIOT 2-Valve Brass Manifold

- Rugged bar design paired with easy-to-grip metal handles
- Available with assorted gauge options
- Free-floating, dual o-ring sealing system for faster evacuation and charging
- Surge dampened gauges for reduced needle movement
- 360° swiveling hose holders
- Pull-out proof hanging hook
- Easy-to-turn metal handwheels
- Solid brass forging
- 1 year warranty; lifetime on bar
- Made in the USA

The Manifold that Gives Back



For each PATRIOT™, MSKIT1 or MSKIT2 sold, JB will donate to Operation Homefront. To learn more about Operation Homefront, visit www.operationhomefront.net





R22	R404A	R410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
22225	Manifold Only	3-1/8" (80mm)	Illuminating Class 1, 1%
22225L	Manifold Only	3-1/8" (80mm)	LED, Class 1, 1%
22225CM	Manifold Only	3-1/8" (80mm)	Illuminating, Class 1, 1% Camo
22233	CCLE-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%
22233L	CCLE-60"	3-1/8" (80mm)	LED, Class 1, 1%
22233CM	CCLE-60"	3-1/8" (80mm)	Illuminating, Class 1, 1% Camo
22246	CCLS-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%
22246CM	CCLS-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%, Camo

R32	R290	RGOOA	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
22725	Manifold Only	3-1/8" (80mm)	Natural Gas
22733	CCLE-36"	3-1/8" (80mm)	Natural Gas
22733RF-18	18" CLRF Hoses	3-1/8" (80mm)	Natural Gas

R410A

PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
22500	Manifold Only	2-1/2" (63.5mm)	R410A Only
22505	Manifold Only (5/16" holder)	2-1/2" (63.5mm)	R410A Only
22525	Manifold Only	3-1/8" (80mm)	R410A Only
22531	CCLE-60"	3-1/8" (80mm)	R410A Only

KZZ	K134A	K4U4A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
22125	Manifold Only	3-1/8" (80mm)	Illuminating, Class 1, 1%
22133	CCLE-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%

Additional manifold gauge options, refrigerant combinations, and accessories available on page 31. Hose options available begin on page 34. Manifold rebuild kits and repair parts on page 82.

New

Vacuum Pumps

REVOLVER®

4-Valve Ball Valve Manifold

- Integrated liquid charging capability
- Adjusts to finite openings for liquid charging
- Quarter-turn full open/close handle
- 3/8" port for faster evacuation
- Available with 2-1/2" and 3-1/8" size gauges
- 360° swiveling hose holders for greater flexibility
- Replaceable durable hanging hook
- Surge dampened all-metal gauges for reduced needle movement
- 1 year warranty; lifetime on bar
- Made in the USA

Liquid Charging

1. Full Open







R22	R404A	R410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
26200	Manifold Only	2-1/2" (63.5mm)	Standard
26225	Manifold Only	3-1/8" (80mm)	Illuminating
26225L	Manifold Only	3-1/8" (80mm)	LED
26208	CCLE4-60"	2-1/2" (63.5mm)	Standard
26233	CCLE4-60"	3-1/8" (80mm)	Illuminating
26233L	CCLE-60"	3-1/8" (80mm)	LED
26240	CCLV4-60"	3-1/8" (80mm)	Illuminating
26244	CCLV4-60"	3-1/8" (80mm)	Illuminating
26246	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	R404A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
26100	Manifold Only	2-1/2" (63.5mm)	Standard
26125	Manifold Only	3-1/8" (80mm)	Illuminating
26108	CCLE4-60"	2-1/2" (63.5mm)	Standard
26133	CCLE4-60"	3-1/8" (80mm)	Illuminating
26140	CCLV4-60"	3-1/8" (80mm)	Illuminating
26144	CCLS-60"	3-1/8" (80mm)	Illuminating



R12	R22	R502	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
26000	Manifold Only	2-1/2" (63.5mm)	Standard
26025	Manifold Only	3-1/8" (80mm)	Illuminating
26008	CCLE4-60"	2-1/2" (63.5mm)	Standard
26033	CCLE4-60"	3-1/8" (80mm)	Illuminating
26040	CCLV4-60"	3-1/8" (80mm)	Illuminating
26044	CCLS-60"	3-1/8" (80mm)	Illuminating

Additional manifold gauge options, refrigerant combinations, and accessories available on page 31. Hose options available begin on page 34. Manifold rebuild kits and repair parts on page 82.

New

ZEPPELIN®

2-Valve Aluminum Manifold

- Machined from durable, solid aluminum billets
- Rubber handwheels for improved grip and reduced turns to open/close
- Improved stem design—fully open in only 2-1/2 turns
- Surge dampened gauges for reduced needle movement
- Original free-floating dual o-ring sealing system for faster evacuation
 and charging
- Available with 2-1/2" and 3-1/8" size gauges
- Easy-to-read, color-coded refrigerant dials
- Replaceable, durable hanging hook
- Replaceable intake/hose holder fittings
- 1 year warranty; lifetime on bar
- Made in the USA



KZZ	K4U4A	K41UA	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24200	Manifold Only	2-1/2" (63.5mm)	Standard
24250	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24225	Manifold Only	3-1/8" (80mm)	Illuminating
24208	CCLE-60"	2-1/2" (63.5mm)	Standard
24258	CCLE-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24233	CCLE-60"	3-1/8" (80mm)	Illuminating
24265	CCLV-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24240	CCLV-60"	3-1/8" (80mm)	Illuminating
24244	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	404A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24100	Manifold Only	2-1/2" (63.5mm)	Standard
24150	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24125	Manifold Only	3-1/8" (80mm)	Illuminating
24108	CCLE-60"	2-1/2" (63.5mm)	Standard
24158	CCLE-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24133	CCLE-60"	3-1/8" (80mm)	Illuminating
24165	CCLBV-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24140	CCLBV-60"	3-1/8" (80mm)	Illuminating
24169	CCLS-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24144	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	R404A	R410A
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24600	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24608	CCLE-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24615	CCLBV-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%

Additional manifold gauge options, refrigerant combinations, and accessories available on page 31. Hose options available begin on page 34. Manifold rebuild kits and repair parts on page 81. 24225

R12	R22	R502	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24000	Manifold Only	2-1/2" (63.5mm)	Standard
24050	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24025	Manifold Only	3-1/8" (80mm)	Illuminating
24008	CCLE-60"	2-1/2" (63.5mm)	Standard
24058	CCLE-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24033	CCLE-60"	3-1/8" (80mm)	Illuminating
24065	CCLBV-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24040	CCLBV-60"	3-1/8" (80mm)	Illuminating
24069	CCLS-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
24044	CCLS-60"	3-1/8" (80mm)	Illuminating

R410A			
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24500	Manifold Only	2-1/2" (63.5mm)	R410A Only
24525	Manifold Only	3-1/8" (80mm)	R410A Only
24508	CCLE-60"	2-1/2" (63.5mm)	R410A Only
24533	CCLE-60"	3-1/8" (80mm)	R410A Only

R407A	R422B	R427A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24325	Manifold Only	3-1/8" (80mm)	Illuminating
R22	R407C	410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
24425	Manifold Only	3-1/8" (80mm)	Illuminating

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS

ZEPPELIN®

4-Valve Forged Aluminum Manifold

- Heavy-duty forged aluminum body is rugged and durable
- Rubber handwheels for improved grip and reduced effort to open/close
- Full 3/8" bore evacuates 40% faster
- Surge dampened gauges for reduced needle movement
- Available with 2-1/2", 3-1/8", and 4" gauges
- Easy-to-read, color-coded refrigerant dials
- Replaceable, durable hanging hook
- Replaceable intake/hose holder fittings
- 1 year warranty; lifetime on bar
- Made in the USA

R22	R404A	R410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25200	Manifold Only	2-1/2" (63.5mm)	Standard
25250	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25225	Manifold Only	3-1/8" (80mm)	Illuminating
25225L	Manifold Only	3-1/8" (80mm)	LED
25208	CCLE4-60"	2-1/2" (63.5mm)	Standard
25258	CCLE4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25233	CCLE4-60"	3-1/8" (80mm)	Illuminating
25233L	CCLE4-60"	3-1/8" (80mm)	LED
25265	CCLV4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25240	CCLV4-60"	3-1/8" (80mm)	Illuminating
25248	CCLV-60"	3-1/8" (80mm)	Illuminating
25269	CCLV4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25246	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	R404A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25100	Manifold Only	2-1/2" (63.5mm)	Standard
25150	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25125	Manifold Only	3-1/8" (80mm)	Illuminating
25108	CCLE4-60"	2-1/2" (63.5mm)	Standard
25158	CCLE4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25133	CCLE4-60"	3-1/8" (80mm)	Illuminating
25165	CCLV4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25140	CCLBV-60"	3-1/8" (80mm)	Illuminating
25169	CCLS-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25144	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	R404A	R410A
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25708	CCLE4-60"	4" (102mm)	Illuminating
25713	CCLV4-60"	4" (102mm)	Illuminating

Additional manifold gauge options, refrigerant combinations, and accessories available on page 31. Hose options available begin on page 34. Manifold rebuild kits and repair parts on page 81.

R12	R22	R502	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25000	Manifold Only	2-1/2" (63.5mm)	Standard
25050	Manifold Only	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25025	Manifold Only	3-1/8" (80mm)	Illuminating
25008	CCLE4-60"	2-1/2" (63.5mm)	Standard
25058	CCLE4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25033	CCLE4-60"	3-1/8" (80mm)	Illuminating
25065	CCLV4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25040	CCLV4-60"	3-1/8" (80mm)	Illuminating
25069	CCLS-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%
25044	CCLS-60"	3-1/8" (80mm)	Illuminating

R410A

PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25500	Manifold Only	2-1/2" (63.5mm)	R410A Only
25550	Manifold Only	3-1/8" (80mm)	Liquid Filled, R410A Only
25525	Manifold Only	3-1/8" (80mm)	R410A Only
25508	CCLE4-60"	2-1/2" (63.5mm)	R410A Only
25558	CCLE4-60"	3-1/8" (80mm)	Liquid Filled, R410 Only
25533	CCLE4-60"	3-1/8" (80mm)	R410A Only
25523	CCLV4-60"	2-1/2" (63.5mm)	R410A Only
25573	CCLV4-60"	3-1/8" (80mm)	Liquid Filled, R410A Only
25548	CCLV4-60"	3-1/8" (80mm)	R410A Only

R407A	R422B	R427A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25325	CCLE-60"	3-1/8" (80mm)	Illuminating
25608	CCLE4-60"	3-1/8" (80mm)	Liquid Filled, Class 1, 1%

1122	1140/6	4104	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25425	Manifold Only	3-1/8" (80mm)	Illuminating

R438A	R407C	422D	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
25825	Manifold Only	3-1/8" (80mm)	Illuminating
25833	CCLE-60"	3-1/8" (80mm)	Illuminating

25225

M2 Standard 2-Valve Classic Brass Manifold

- Full-flow, free-floating, dual o-ring sealing system design for faster evacuation and charging
- Forged brass bar with angled bar for increased knuckle clearance to rotate handwheels
- Heavy-duty, all-metal gauge cases for added durability
- Surge dampened gauges for reduced needle movement
- Available in 2-1/2" and 3-1/8" gauges
- Easy-to-read, color-coded refrigerant dials
- Replaceable, durable hanging hook, and intake/hose holder fittings
- Easy-to-turn plastic handwheels; metal available on select models
- 1 year warranty; lifetime on bar
- Made in the USA

Free-Floating, Dual Stem seats retract completely for full flow path



Zero leakage high-pressure raised seat for positive seating

R22	R404A	R410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-8-410A*	Manifold Only	2-1/2" (63.5mm)	Standard
M2-8-410AB	Manifold Only	2-1/2" (63.5mm)	Standard w/boots
M2-5-410A*	CCLE-60"	2-1/2" (63.5mm)	Standard
M2-5-410AB	CCLE-60"	2-1/2" (63.5mm)	Standard w/boots
M2-5-410A-SS	CCLS-60"	2-1/2" (63.5mm)	Standard
M2-23225	Manifold Only	3-1/8" (80mm)	Illuminating, Class 1, 1%
M2-22225	Manifold Only	3-1/8" (80mm)	Illuminating
M2-23231	CCLE-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%
M2-22231	CCLE-60"	3-1/8" (80mm)	Illuminating
M2-22244	CCLS-60"	3-1/8" (80mm)	Illuminating

R22	R134A	R404A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-21125	Manifold Only	2-1/2" (63.5mm)	Standard
M2-21125B	Manifold Only	2-1/2" (63.5mm)	Standard w/boots
M2-21131	CCLE-60"	2-1/2" (63.5mm)	Standard
M2-21131B	CCLE-60"	2-1/2" (63.5mm)	Standard w/boots
M2-23125	Manifold Only	3-1/8" (80mm)	Illuminating, Class 1, 1%
M2-22125	Manifold Only	3-1/8" (80mm)	Illuminating
M2-23131	CCLE-60"	3-1/8" (80mm)	Illuminating, Class 1, 1%
M2-22131	CCLE-60"	3-1/8" (80mm)	Illuminating

R22	R407C	410A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-22425	Manifold Only	3-1/8" (80mm)	Illuminating

Additional manifold gauge options, refrigerant combinations, and accessories available on page 31. Hose options available begin on page 34. Manifold rebuild kits and repair parts on page 82.



M2-23125

R12	R22	R502	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-8	Manifold Only	2-1/2" (63.5mm)	Standard
M2-8B	Manifold Only	2-1/2" (63.5mm)	Standard w/boots
M2-6	CL-36R, CL-36B, CL-60Y	2-1/2" (63.5mm)	Standard
M2-6B	CL-36R, CL-36B, CL-60Y	2-1/2" (63.5mm)	Standard w/boots
M2-5	CCL-60"	2-1/2" (63.5mm)	Standard
M2-5B	CCL-60"	2-1/2" (63.5mm)	Standard w/boots
M2-36	CCL-36"	2-1/2" (63.5mm)	Standard
M2-36B	CCL-36"	2-1/2" (63.5mm)	Standard w/boots

R410A

M2-21525 Manifold Only 2-1/2" (63.5mm) R410A Only M2-21525B Manifold Only 2-1/2" (63.5mm) R410A Only w/boots M2-21525 Manifold Only 3-1/8" (80mm) R410A Only M2-21531 CCLE-60" 2-1/2" (63.5mm) R410A Only M2-21531B CCLE-60" 2-1/2" (63.5mm) R410A Only w/boots	PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-22525 Manifold Only 3-1/8" (80mm) R410A Only M2-21531 CCLE-60" 2-1/2" (63.5mm) R410A Only	M2-21525	Manifold Only	2-1/2" (63.5mm)	R410A Only
M2-21531 CCLE-60" 2-1/2" (63.5mm) R410A Only	M2-21525B	Manifold Only	2-1/2" (63.5mm)	R410A Only w/boots
	M2-22525	Manifold Only	3-1/8" (80mm)	R410A Only
M2-21531B CCLE-60" 2-1/2" (63.5mm) R410A Only w/boots	M2-21531	CCLE-60"	2-1/2" (63.5mm)	R410A Only
	M2-21531B	CCLE-60"	2-1/2" (63.5mm)	R410A Only w/boots
M2-22531 CCLE-60" 3-1/8" (80mm) R410A Only	M2-22531	CCLE-60"	3-1/8" (80mm)	R410A Only

K4U/A	K4ZZB	164Z/A	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-22325	Manifold Only	3-1/8" (80mm)	Illuminating

M099	R407C	422D	
PART NO.	HOSES	GAUGE SIZE	GAUGE FEATURES
M2-22825	Manifold Only	3-1/8" (80mm)	Illuminating
M2-22831	CCLE-60"	3-1/8" (80mm)	Illuminating

New

Vacuum Pumps

Recovery

CO² Manifold M2 Heat Pump Manifold 2-Valve Aluminum Manifold 2-Valve Forged Brass Body • For transcritical CO2 applications • Full-flow, free-floating, dual o-ring sealing system • Unique spindle valves design for faster evacuation and charging tighten easily • Includes Illuminating, Class 1, • 3-1/8" (80mm) Class 1, 1% metal gauges designed 1% pulse-free liquid for 800psi to handle heat filled gauges pump pressures • 36" hoses with 1/4" SAE • Pressure/temperature scale has two sections to fittings (3 pack) accommodate temperature • Working pressure 2900 psi glide on R407c (200 bar) · Replaceable, durable • 3 year warranty hanging hook, and Specifications intake/hose holder fittings • 1 year warranty; lifetime on bar Low Pressure 30" of Hg to 1200 psi (83 bar) Made in the USA M2-HP 30" of Hg to 2300 psi (160 bar) **High Pressure Temperature Range** -60°F to 80°F (-55°C to 30°C) Critical Point 87.98°F/1.071 psi (31.1°C/72.9 bar) Certifications EN472/EN837 Pressure Equipment Directive and 2014/6 8/CE Article 4, Paragraph 3 R22 R407C 410A CE PART NO. HOSES GAUGE SIZE GAUGE FEATURES M2-HP Manifold Only 3-1/8" (80mm) Illuminating, Class 1, 1% PART NO. DESCRIPTION M2-HP-5 CL6-60" (3) 3-1/8" (80mm) Illuminating, Class 1, 1% 30744 CO2 Manifold with 36" hose set in protective carrying case M2-808 CL744-36 Replacement Gauge 3-1/8" (80mm) Illuminating, Class 1, 1% 36" hose set for CO2 manifold

Metric Manifolds

Metric manifolds come with 63.5 mm (2-1/2") metric gauges in BAR/PSI, kPa/PSI, and kg/cm², as well as standard CL and KOBRA® CLE series hoses. Refer to the M2 Brass, 2-Valve Aluminum Zeppelin®, and 4-Valve Zeppelin® pages for a full list of features for each. Also available with 80mm (3-1/8") metric gauges in select quantities. For more information, contact customer service. Made in the USA

DESCRIPTION		M2 BRAS	S	2-VA	LVE ZEPP	ELIN®	4-VA	LVE ZEPP	ELIN®	RE	FRIGERA	NTS
DESCRIPTION	BAR/PSI	kPa/PSI	Kg/cm²	BAR/PSI	kPa/PSI	Kg/cm²	BAR/PSI	kPa/PSI	Kg/cm2	R22	R404A	R410A
Manifold Only	28592	28292	28192	28752	28852	28952	27752	27852	27952	•	•	•
CCLE-60" (152cm)	28596	28296	28196	28754	28854	28954	27754	27854	27954	•	•	•
CCLS5-60 (152cm)	28597	28297	28197	—	_	—	—	_	—	٠	•	•
CCLBV KOBRA®	28599	28299	28199	28759	28859	28959	27759	27859	27959	•	•	•
DESCRIPTION		M2 BRAS			LVE ZEPP			LVE ZEPP			FRIGERA	
	BAR/PSI		Kg/cm ²		kPa/PSI	Kg/cm²		kPa/PSI	Kg/cm2	R12	R22	R502
Manifold Only	28572	28272	28172	28772	28872	28972	27772	27872	27972	•	•	•
CCL-36" (91cm)	28570	28270	28170	28770	28870	28970	27770	27870	27970	•	•	•
CCL-60" (152cm)	28574	28274	28174	28774	28874	28974	27774	27874	27974	•	•	•
CCLS-60" (152cm) UL R410A	28576	28276	28176	28776	28876	28876	27776	27774	27776	•	•	•
DESCRIPTION	BAR/PSI	M2 BRAS	S Kg/cm²		LVE ZEPP kPa/PSI	ELIN® Kg/cm²		LVE ZEPP kPa/PSI	ELIN® Kg/cm2	RI R134A	FRIGERAN R404A	NTS R507A
Manifold Only	28582	28282	28182	28782	28882	28982	27782	27882	27982	•	•	11JU/A
CCL-36" (91cm)	28580	28280	28180	28780	28880	28980	27780	27880	27980	•	•	•
CCL-60" (152cm)	28584	28284	28184	28784	28884	28984	27784	27884	27984	•	•	•
CCLE-60" (152cm)	28586	28286	28186	28786	28886	28986	27786	27886	27986	•	•	•
CCLS-60" (152 cm) UL R410A	28588	28288	28188	28788	28888	28988	27788	27888	27988	٠	•	•
DESCRIPTION		M2 BRAS kPa/PSI			LVE ZEPP kPa/PSI			LVE ZEPP kPa/PSI		REFRIG. R134A		
Manifold Only	28502	28202	28102	28732	28832	28932				•		
CCL-36" (91 cm)	28505	28205	28105	28735	28835	28935	_	_	_	•		

New

LED Gauges

- 3-1/8" Metal gauges for use with R22, R404A, and R410A
- On/off rocker switch; 250+ Hour battery life
- 3v Lithium coin cell battery (included)
- Available in convenient 8-pack counter display as M2-LED8PK
- Made in the USA



PART NO.	DESCRIPTION
M2-820L	3-1/8" Compound, LED
M2-825L	3-1/8" Pressure, LED
M2-LED8PK	8 pack LED counter display

Gauge Boots/Lenses

- Protective gauge boots add increased durability to manifold gauges
- Available for 2-1/2" and 3-1/8" gauges
- Made in the USA



MR-533

PART NO.	DESCRIPTION
MR-590	2-1/2" Black boot (single)
MR-593	3-1/8" Black boot (single)
MR-594	3-1/8" Red boot for M2-865 liquid filled (single)
MR-595	3-1/8" Blue boot for M2-860 liquid filled (single)
MR-596	Set of two 3-1/8" black boots
MR-596L	Set of two 3-1/8" black boots for LED gauges
MR-598	Set of two black 2-1/2" black boots
MR-517	2-1/2" Screw-on lens fits both plastic and metal gauges
MR-533	3-1/8" Snap-on lens

Natural Gas Gauges

- Natural gas gauges for hydrocarbon refrigerants R290, R600Å, and R32
- 3-1/8" Illuminating, Class 1, 1% metal gauges with high impact clear view Lexan lens
- Full-size brass movements
- See page 24 for manifold pairings
- Made in the USA



PART NO.	DESCRIPTION
M2-600	3-1/8" Compound, Illuminating, Class 1, 1%
M2-605	3-1/8" Pressure, Illuminating, Class 1, 1%

Gas Pressure Test Kits

· Made in the USA



PART NO.	DESCRIPTION
29433	Natural and LP gas; Scale 0-20 oz/sq. in; 0-15" of water column
29435	Natural and LP gas; Scale 0-20 oz/sq. in; 0-35" of water column
29436	Natural gas only; Scale 0-6 oz/sq. in; 0-10" of water column

Gas Test Bell Gauges • Made in the USA PART NO. DESCRIPTION GTBG-12 3-1/2" Test gauge 0-30lb 3/4" end GTBG-16 3-1/2" Test gauge 0-30lb 1" end

Gauge Options



M2-820 3-1/8" Illuminating, Standard



M2-810 (R410A Only) 3-1/8" Non-illuminating, Standard





M2-860 3-1/8" Liquid Filled, Class 1, 1%



M2-924CM 3-1/8" Illuminating, Class 1, 1%





M2-460 2-1/2" Non-illuminating, Standard

M2-400 4" Illuminating, Class 1, 1%



2-1/2" Single Test, Standard



3-1/8" Single Test, Standard

Index/ Contacts

New

Vacuum Pumps

Recovery

Gauge Options

All-metal gauges with high impact clear view Lexan lens, full-size brass movements, and recalibrating screw. Available for compound and pressure in assorted sizes and options for use, visibility, and refrigerant type. Metric gauges and replacement lenses also available; contact customer service. Made in the USA

PAR	DESCRIPTION	REFRIGERANTS												Class									
COMPOUND	PRESSURE	SIZE	DESCRIPTION	R12	1234YF	R22	R32	R134A	R438A	R-290	R404A	R407A	R407C	R410A	R422B	R427A	R448A	R449A	R454B	R502	R507A	R600A	
M2-861	M2-862	3-1/8" (80mm)	Illuminating, Class 1, 1%				•							•					•				ga
M2-871	M2-872	3-1/8" (80mm)	Illuminating, Class 1, 1%									•					•	•					uauyes
M2-472	M2-473	3-1/8" (80mm)	Illuminating, Class 1, 1%											•			•	•					
M2-876	M2-877	2-1/2" (63.5mm)	Illuminating, Class 1, 1%		•			•															שפופרווטוו
M2-250	M2-500	2-1/2" (63.5mm)	Non-illuminating, Standard	•		•														•			
M2-350	M2-355	2-1/2" (63.5mm)	Non-illuminating, Standard					•															
M2-400	M2-405	4" (102mm)	Illuminating, Class 1, 1%			•		•			•			•									
M2-410	M2-415	2-1/2" (63.5mm)	Non-illuminating, Standard											•									
M2-420	M2-425	2-1/2" (63.5mm)	Non-illuminating, Standard					•			•										•		
M2-430	M2-435	2-1/2" (63.5mm)	Non-illuminating, Standard			•		•			•												
M2-460	M2-465	2-1/2" (63.5mm)	Non-illuminating, Standard			•					•			•									
M2-600	M2-605	3-1/8" (80mm)	Illuminating, Class 1, 1%				•			•												•	1
M2-800	M2-805	3-1/8" (80mm)	Illuminating, Standard	•		•														•			1
M2-810	M2-815	3-1/8" (80mm)	Non-illuminating, Standard											•									
M2-820	M2-825	3-1/8" (80mm)	Illuminating, Standard			•					•			•									Hoses
M2-820L	M2-825L	3-1/8" (80mm)	LED, Standard			•					•			•									
M2-826	M2-827	3-1/8" (80mm)	Illuminating, Standard			•		•						•									
M2-828	M2-829	3-1/8" (80mm)	Illuminating, Standard									•			•	•							
M2-830	M2-831	3-1/8" (80mm)	Illuminating, Standard			•							•	•									1
M2-844	M2-845	3-1/8" (80mm)	Illuminating, Standard						•				•		•								
M2-851	M2-856	3-1/8" (80mm)	Illuminating, Standard			•		٠			•												
M2-860	M2-865	3-1/8" (80mm)	Liquid Filled, Class 1, 1%			•		•			•			•									
M2-870	M2-875	3-1/8" (80mm)	Liquid Filled, Class 1, 1%	•		•														•			1
M2-880	M2-885	3-1/8" (80mm)	Liquid Filled, Class 1, 1%			•		•			•												1
M2-890	M2-895	3-1/8" (80mm)	Liquid Filled, Class 1, 1%			•					•			•									
M2-924	M2-925	3-1/8" (80mm)	Illuminating, Class 1, 1%			•					•			•									
M2-924CM	M2-925CM	3-1/8" (80mm)	Illuminating, Class 1, 1%, Camo			•					•			•									
M2-951	M2-956	3-1/8" (80mm)	Illuminating, Class 1, 1%			•		•			•												9
QC-G430	QC-G434	2-1/2" (63.5mm)	Single Test, Standard			•		•			•												1
QC-G460	QC-G465	2-1/2" (63.5mm)	Single Test, Standard			•					•			•									
QC-G820	QC-G825	3-1/8" (80mm)	Single Test, Standard			•					•			•									
QC-G851	QC-G856	3-1/8" (80mm)	Single Test, Standard			•		•			•												1

Gauges indicated as Standard are accuracy rated 3-2-3% Note: Gauges and hoses not specified for use with R410A can damage tool and cause injury.

Metric Gauges

C	OMPOUN	D							
BAR/PSI	K/PSI	KG/CM ²	R12	R22	R134A	R404A	R410A	R502	R507A
29310	29311	29312		•		•	•		
29333				•	•	•			
29290		29292			•	•			•
29280	29260	29384	•	•				•	
29330	29331	29332			•				

I	REFRIGERANTS								
BAR/PSI	K/PSI	KG/CM ²	R12	R22	R134A	R404A	R410A	R502	R507A
29315	29316	29317		•		•	•		
29338				•	•	•			
29295		29297			•	•			•
29285	29263	29385	•	•				•	
29335	29336	29337			•				

Refrigerant Scales

ATLAS[®] **DS-5000**



ATLAS DS-5000 Propane Scale

Inverted Charging:

- 1. Connect the charging hose to the scale side port.
- 2. Connect the other end of the charging hose (with the charging valve closed) to the system.
- 3. Attach the secure-seal adapter fitting to the refrigerant canister.
- 4. Invert the can and connect the secure seal fitting to the fitting on the scale platter.
- 5. Turn on the scale. Scale will display combined weight of cylinder and gas.
- 6. Short press the TARE button to zero the scale.
- 7. Charge the system by throttling the charging valve and monitoring the scale weight.
- 8. Once the proper weight is transferred from the canister to the system, close the charging valve and remove the charging hose from the system.



Upright Charging:

- 1. Connect the charging hose to the scale side port.
- 2. Connect the other end of the charging hose (with the charging valve closed) to the system.
- 3. Attach can tap to the refrigerant canister (Can tap should not release refrigerant).
- 4. Connect one end of the hose to the can tap.
- 5. Connect the other end of the hose to the scale platter fitting.
- 6. Use Velcro loop to secure the can to the hose and stabilize the can on the scale platter.
- 7. Open the can tap valve to release the refrigerant.
- 8. Turn on the scale. Scale will display combined weight of cylinder and gas.
- 9. Short press the TARE button to zero the scale.
- 10. Charge the system by throttling the charging valve and monitoring the scale weight.
- 11. Once the proper weight is transferred from the canister to the system, close the can tap and charging valve and remove the charging hose from the system.



Recovery Climate Class **Digital** Gauges Digital Leak Manifolds Detection Manifolds Scales Hoses Mini-Split Tool Kits SHIELD CoreMax Access Valves Ball /alves Just Better Tools Capillary Warranty/ Automotive/ Repair LA-CO

New

Vacuum Pumps

Index/ Contacts

NEW

Hoses

ATLAS® DS-250

Wireless Digital Refrigerant Scale with Wired Handset

- Wireless connection to smart devices via DS-250 app available through **JB GO**
- Wired, full color, LCD display on removable handset
- Job time recording/data logging with email capability
- Wired handset with built-in magnets and hanging hook
- Programmable weight alarms
- Adjustable units of measurement
- Selectable auto-shutoff
- Slip-resistant platform and water-resistant design
- Durable, blow-molded case
- Safe for use with A2L refrigerants
- 2 year warranty

Specifications

Capacity 250lb (113kg) Resolution 0.25 oz Display units lb/oz, oz, lb, kg +32°F to 122°F (0°C to +50°C) **Operating Temperature** Storage Temperature +14°F to 140°F (-10°C to +60°C) Humidity 85% RH @113°F (45°C), non-condensing Power Supply Four AA batteries (included) Approximately 58 hours Battery Life Minimum +/- 0.3% of reading +/- 10g Accuracy Bluetooth® Range 300ft (92m)



DS-250 ATLAS® Wireless Refrigerant Scale with Wired Handset

ATLAS. DS-20000

Digital Refrigerant Scale

- Features all-metal construction, superior sensitivity, and accuracy with replaceable parts
- Highly sensitive, solid-state load cell (0.25oz/10gm)
- Easy-to-read LCD screen
- Field repairable with replaceable cable, weighing platform, and handheld remote
- Displays weight in decimal/pounds, pounds/ounces, and kilograms
- Automatic shutoff option to conserve battery life
- Protective carrying case
- 2 year warranty

Specifications

Capacity Usage Operating Temperature Storage Temperature Humidity Power Supply Battery Life 220lb (100kg) Indoor/outdoor +32°F to 122°F (0°C to +50°C) +14°F to 140°F (-10°C to +60°C) 85% RH @113°F (45°C), non-condensing One 9v battery (included) Approximately 60 hours



CNTL90 Series



2mm Pressure Control Hose

Pressure control hose is constructed of an inner core of polyamide and an outer cover of vinyl. The polyamide inner core is wrapped with a synthetic fiber to give the hose pull strength. The polyamide inner lining is the reason it can withstand higher pressures and eliminates the vibration failures of copper capillary tube installations. Higher temperature ratings up to 266°F eliminate the failures caused by maximum loads on rubber hoses.

- Highly flexible; extremely short bending radius; 2mm ID
- Suitable for all non-corrosive refrigerants including natural gases, HFC, HFO, HC, and CO2 sub-critical refrigerants and the relevant special oils such as ester- and PAG
- 90° x Straight, 1/4" FFL Connects
- Absorbs all possible multidirectional vibrations
- 1000 psi working; 5000 psi burst
- Temp Range -40°(-40°C) to 266°(130°C)
- Ozone-, UV-, and oil resistant

CLRF Series



2mm Polyamide Capillary Flexible Vibration Eliminating Hydrocarbon Hose

The sophisticated CLRF Series hose system is a safe and cost effective polyamide capillary hose for use with critical charge hydrocarbon refrigeration systems. CLRF Series hose has excellent mechanical and thermal properties combined with extreme durability and vibration eliminating performance.

- Highly flexible; extremely short bending radius; 2mm ID
- Suitable for all non-corrosive refrigerants including natural gases, HFC, HFO, HC, and CO2 sub-critical refrigerants and the relevant special oils such as ester- and PAG
- Absorbs all possible multidirectional vibrations
- Maximum working pressure 1160 psi (80 bar)
- Very high burst proof value > 14,500 psi (1,000 bar)
- Temp Range -40°(-40°C) to 266°(130°C)
- Ozone-, UV-, and oil resistant



Hoses

CLSX Series

KOBRA® Secure Seal Hose

- 800 psi working; 4000 psi burst
- · Larger fitting for increased flow
- UL approved for R410A
- Removable head and rebuildable seal kit for guick, easy field repair or replacement
- Angled depressor with custom gasket and large fitting to prevent leaks and increase flow
- Dual thrust washers (Teflon and stainless steel) for easy turn and free rotation under high pressure
- · Smooth action, low-loss fitting minimizes refrigerant loss and prevents spray
- Made in the USA



CLSX Series Repair Instructions Easily Replace/Repair Head with Basic Tools

Replace Head CLSX-RH

- 1. Attach 3/8" wrench to the flats of the head base. Use an adjustable wrench on hex of the barb, and turn counterclockwise to remove the head. Apply one to two drops of a standard thread sealant or Teflon tape to the pipe
- 2. Attach new head and finger tighten. turning clockwise. Use 3/8" wrench and adjustable wrench to fully tighten. Torque to 6ft/lbs (approximately 3/4 to 1-1/2 turns past finger tight).







Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

















NEW

- thread of the hose barb.

Rebuild Head CLSX-RK

- 1. Attach 3/8" wrench to the flats of the head base. Use an adjustable wrench on hex of the barb, and turn counterclockwise to remove the head.
- 2. Use spring clip pliers to remove internal spring clip from inside of end cap assembly. Remove coupler nut exposing cup assembly.
- 3. Remove the metal and nylon thrust washers.
- 4. Stabilize slot at base of cup assembly with straight-edge and using a 3/8" wrench, turn counterclockwise to detach end cap from cup assembly. Remove and replace end cap o-ring.
- 5. Remove and discard spring, depressor, and gasket from inside cup using pointed hook or removal tool.
- 6. Remove and replace o-ring from slotted end of cup.
- 7. Insert new gasket, depressor and spring in cup. Apply one to two drops of a standard thread sealant or Teflon tape to the pipe thread of the end cap. Reattach end cap with new o-ring to cup assembly using a 3/8" wrench and a straight edge.
- 8. Replace the metal and nylon thrust washers. Place cup assembly into coupler nut.
- 9. Use spring clip pliers to secure internal snap ring inside of end cap assembly. Refer to REPLACE HEAD Step 1 and 2 to reassemble.



CLSX-RH

CLSX-RK

Replaceable Head

Rebuild Kit

Index/ Contacts

New

Vacuum Pumps

Recovery

Hoses

CLS Series KOBRA® Secure Seal Hose

- 800 psi working; 4000 psi burst
- UL R410A approved Secure Seal, specially designed to lock refrigerant inside the hose without the need for a ball valve attachment
- Fully field repairable with 33112RK/33115RK Rebuild Kits
- Stainless steel thrust washer ensures free rotation under high pressure
- Three-point contact on depressor
- Made in the USA



CLS SERIES K	OBRA® 1/4" 2	X 1/4" SECUR	E SEAL HOSI	E (PSI 800/40	00)
LENGTH	BLUE	YELLOW	RED	B/Y/R 3 Pack	B/Y/R BLACK: 3/8" 4 PACK
36" (91cm)	CLS-36B	CLS-36Y	CLS-36R	CCLS-36	CCLS4-36
48" (122cm)	CLS-48B	CLS-48Y	CLS-48R	CCLS-48	CCLS4-48
60" (152cm)	CLS-60B	CLS-60Y	CLS-60R	CCLS-60	CCLS4-60
72" (182cm)	CLS-72B	CLS-72Y	CLS-72R	CCLS-72	CCLS4-72
10' (3m)	CLS-120B	CLS-120Y	CLS-120R		
25' (7.6m)	CLS-300B	CLS-300Y	CLS-300R		
50' (15.2m)	CLS-600B	CLS-600Y	CLS-600R		
75' (22.8m)	CLS-900B	CLS-900Y	CLS-900R		
100' (30.5m)	CLS-1200B	CLS-1200Y	CLS-1200R		
CLS5 SERIES	KOBRA® 1/4'	' X 5/16" SEC	URE SEAL H	0SE* (PSI 80	0/4000)
36" (91cm)	CLS5-36B	CLS5-36Y	CLS5-36R	CCLS5-36	
48" (122cm)	CLS5-48B	CLS5-48Y	CLS5-48R	CCLS5-48	
60" (152cm)	CLS5-60B	CLS5-60Y	CLS5-60R	CCLS5-60	
72" (182cm)	CLS5-72B	CLS5-72Y	CLS5-72R	CCLS5-72	

CLS Series Repair Instructions For use with 33112RK/33115RK Rebuild Kits

- 1. Hold the cup in one hand so that the slotted face of the cup is exposed. Pinch the cup seal o-ring and insert it into the large groove to seat it correctly as shown.
- 2. Install the barb seal o-ring in the groove located between the hex feature and the back portion of thread. Gently stretch and pull it over the threads of the barb fitting. Ensure the seal is not torn or damaged.
- 3. Insert bushing/seal into the thread side of the cup. Brass bushing side goes in first with seal facing up as shown.
- 4. Insert depressor with three-blade feature into the cup assembly. The depressor fits into the bushing/seal installed in the previous step. The depressor must sit flat and true to the seal surface.
- 5. Place spring into cup assembly over the emboss on the back of the depressor.
- 6. Screw cup assembly, with spring in an upward position, onto hose barb fitting. Hand tighten the cup to the barb ensuring cup seats over the barb gasket (o-ring) and does not damage the o-rina.
- 7. Tighten the cup and hose barb using a 9/16" open-end wrench and 1/16" steel blade. Do not over tightenonly 25 to 30 in/lbs is required.
- 8. Insert barb/cup assembly into the coupler. Seat the thrust washer flat onto the hose barb and inside the coupler. Install the internal snap ring and seat it into the groove of the coupler.

For additional information on assembly or disassembly, refer to 33112RK or 33115RK Rebuild Kit Instructions online at JBIND.COM.

















*B/Y/R 3 pack for CLS5 Series includes 5/16" blue and red hose with 1/4" yellow hose.

Index/ Contacts

Brass

Ball /alves

Just Better Tools

Warranty/ Automotive/ Capillary Repair LA-CO Tubing
CLE Series KOBRA® Gasket Seal Hose

- 800 psi working; 4000 psi burst
- Gasket seal, high-pressure charging hose
- Blow-out resistant gasket locks into the cup of the fitting
- Barbed depressor precisely machined to guide the valve core into place
- Easy grip 14 TPI pitch knurl
- Made in the USA



CLE SERIES	KOBRA® 1/4'	' X 1/4" GAS	KET SEAL HO	DSE (PSI 800	/4000)
LENGTH	BLUE	YELLOW	RED	B/Y/R 3 Pack	B/Y/R BLACK: 3/8" 4 PACK
36" (91cm)	CLE-36B	CLE-36Y	CLE-36R	CCLE-36	CCLE4-36
48" (122cm)	CLE-48B	CLE-48Y	CLE-48R	CCLE-48	CCLE4-48
60" (152cm)	CLE-60B	CLE-60Y	CLE-60R	CCLE-60	CCLE4-60
72" (182cm)	CLE-72B	CLE-72Y	CLE-72R	CCLE-72	CCLE4-72
10' (3m)	CLE-120B	CLE-120Y	CLE-120R		
25' (7.6m)	CLE-300B	CLE-300Y	CLE-300R		
50' (15.2m)	CLE-600B	CLE-600Y	CLE-600R		
75' (22.8m)	CLE-900B	CLE-900Y	CLE-900R		
100' (30.5m)	CLE-1200B	CLE-1200Y	CLE-1200R		
CLE5 SERIES	KOBRA® 1/4	4" X 5/16" GA	SKET SEAL	HOSE PSI 8	00/4000)
LENGTH	BLUE 1/4" x 5/16"	YELLOW 1/4" x 5/16"	RED 1/4" x 5/16"	BLUE/RED: 1/4" x 5/16" YELLOW: 1/4" x 1/4" 3 PACK	B/Y/R 5/16" x 5/16"
36" (91cm)	CLE5-36B	CLE5-36Y	CLE5-36R	CCLE5-36	CCLE55-36
60" (152cm)	CLE5-60B	CLE5-60Y	CLE5-60R	CCLE5-60	CCLE55-60
72" (182cm)	CLE5-72B	CLE5-72Y	CLE5-72R	CCLE5-72	CCLE55-72

PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

CLBV Series

KOBRA® Gasket Seal Quarter-Turn Ball Valve Hose

- 800 psi working; 4000 psi burst
- Meets non-venting requirements by trapping refrigerant with ball valve
- 1/4 turn lever-style ball valve fitting at one end opens to full flow
 Barbed depressor locks into the gasket, exuding more outward force pushing the gasket further into place
- Depressor is precisely machined for maximum flow and has a dimple that guides the valve core into place
- Made in the USA

Ξ.

CLBV SERIES

CLBV SERIES KOBRA® 1/4" X 1/4" WITH BALL VALVE (PSI 800/4000)

LENGTH	BLUE	YELLOW	RED	B/Y/R 3 PACK	B/Y/R Black: 3/8" 4 Pack
36" (91cm)	CLBV-36B	CLBV-36Y	CLBV-36R	CCLBV-36	CCLBV4-36
48" (122cm)	CLBV-48B	CLBV-48Y	CLBV-48R	CCLBV-48	CCLBV4-48
60" (152cm)	CLBV-60B	CLBV-60Y	CLBV-60R	CCLBV-60	CCLBV4-60
72" (182cm)	CLBV-72B	CLBV-72Y	CLBV-72R	CCLBV-72	CCLBV4-72
CCLBV5 SER WITH BALL V					
LENGTH	BLUE/RED: Yellow: 1/ 3 Pack				
36" (91cm)	CCLBV5-36				
60" (152cm)	CCLBV5-60				
72" (182cm)	CCLBV5-72				

Scales

Hoses

New

37

Hoses

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass

Ball /alves

Just Better Tools

Capillary

Warranty/ Automotive/ Repair LA-CO

CLV Series KOBRA® Gasket Seal Quarter-Turn Ball Valve Hose with 6" Whip End

- 800 psi working; 4000 psi burst
 Meets non-venting requirements by trapping refrigerant with ball valve
- CLV6: 6" Ball valve with whip end
- CLP: 6" Whip end only
- Made in the USA



CLV SERIES KOBRA® 1/4" X 1/4" W/BALL VALVE WHIP END (PSI 800/4000) B/Y/R 3 PACK B/Y/R Black LENGTH BLUE YELLOW RED (3/8") 4 PACK 36" (91cm) CCLV4-36 CLV-36B CLV-36Y CLV-36R CCLV-36 48" (122cm) CLV-48B CLV-48Y CLV-48R CCLV-48 CCLV4-48 60" (152cm) CLV-60B CLV-60Y CLV-60R CCLV-60 CCLV4-60 72" (182cm) CLV-72B CLV-72Y CLV-72R CCLV-72 CCLV4-72 CLV SERIES W/BALL VALVE WHIP END ONLY (PSI 800/4000) 1/4" x 6" CLV-6B CLV-6R CCLV-6 CLV-6Y CLV-6BL CLV6-6Y CLV6-6BL 3/8" x 6" CLP SERIES KOBRA® 1/4" X 1/4" HOSE WHIP END ONLY (PSI 800/4000) CLP-6B CLP-6Y CLP-6R 6" (15cm) CLV6 AND CL6 SERIES KOBRA® 3/8" X 3/8" CHARGING HOSE (PSI 600/3000) **BLACK W/BALL VALVE** LENGTH BLACK YELLOW CL6-36 36" (91cm) CLV6-36 CL6-36Y 48" (122cm) CL6-48 CLV6-48 CL6-48Y 60" (152cm) CL6-60 CLV6-60 CL6-60Y 72" (182cm) CL6-72 CLV6-72 CL6-72Y CLV5 AND CCLV5 SERIES KOBRA® W/BALL VALVE WHIP END 1/4" X 5/16" (PSI 80 LENGTH BLUE/RED: 1/4" x 5/16" BLUE YELLOW RED YELLOW: 1/4" x 1/4" 1/4" x 5/16' 1/4" x 5/16" 1/4" x 5/16' **3 PACK** 36" (91cm) CCLV5-36 60" (152cm) CCLV5-60 CLV5-60B CLV5-60Y CLV5-60R 72" (182cm) CCLV5-72

Heavy-Duty Series 1/4", 3/8" and 1/2" Heavy-Duty Black Charging Hose

- 1/4": 800 psi working; 4000 psi burst
- 3/8": 800 psi working; 4000 psi burst
- 1/2": 640 psi working; 3200 psi burst
- Heavy-duty charging hose reduces permeation
- Straight fittings by straight fittings





HEAVY-DUTY BLACK CHARGING (PSI 1/4", 3/8" 800/4000, 1/2" 640/3200)					
LENGTH	BLACK (1/4" X 1/4")	BLACK (3	8/8" X 3/8")	BLACK (1/2" X 1/2")	
36" (91cm)	CL4HD-36	CL6	HD-36	CL2HD-36	
48" (122cm)	CL4HD-48	CL6	HD-48	CL2HD-48	
60" (152cm)	CL4HD-60	CL6	HD-60	CL2HD-60	
72" (182cm)	CL4HD-72	CL6	HD-72	CL2HD-72	
HEAVY-DUTY BLACK EVACUATION/CHARGING HOSE (PSI 800/4000)					
LENGTH	BLACK (3/8")		BLACK (1/2")		
60" (152cm)	CL64-60 (1/4" x 3/8" fitting)		CL84-60 (1/4" x 1/2" fitting		

Standard Series 1/4" Standard Charging Hose

- 750 psi working; 3000 psi burst
- Ideal for use with all standard refrigerants (except high pressure)
- Permeation can be detected and will vary with refrigerant type and time of exposure
- Made in the USA

91°



	1.36			
STANDARD 1/4"	<u>X 1/4" Chargi</u>	NG HOSE (PSI 7	<u>/50/3000)</u>	
LENGTH	BLUE	YELLOW	RED	B/Y/R 3 PACK
36" (91cm)	CL-36B	CL-36Y	CL-36R	CCL-36
48" (122cm)	CL-48B	CL-48Y	CL-48R	CCL-48
60" (152cm)	CL-60B	CL-60Y	CL-60R	CCL-60
72" (182cm)	CL-72B	CL-72Y	CL-72R	CCL-72



PART NO.	DESCRIPTION
A10974	O-ring/Gasket Removal Tool
33112RK	1/4" Secure Seal Rebuild Kit
33115RK	5/16" Secure Seal Rebuild Kit
CLSX-RK	CLSX Secure Seal Rebuild Kit
CLSX-RH	CLSX Replacement Head
T21295	Snap Ring Pliers for CLS Secure Seal Fittings, Includes 33112RK 1/4" Rebuild Kit
P90022	O-ring for T21295 and 33112RK (10 pack)
P511	Gasket for 1/4" CLE, CLV, CLBV Series Hose (6 pack)
P90514	1/4" Depressor for CLE, CLV, and CLBV Series (5 pack) used with P509
P90016	Gasket for 3/8" Hose (10 pack)
P90008	Gasket for 1/2" Heavy-duty Black Charging Hose (5 pack)

Mini Ball Valves

- 1/4" for use up to 4000 psi (276 bar) minimum burst; 800 psi (55 bar) maximum working pressure
- 5/16" for R410A applications; 4000 psi (276 bar) minimum burst; 800 psi (55 bar) maximum working pressure
- Made in the USA



PART NO.	DESCRIPTION			
MBV4-03	1/4" Compact mini ball valve set (3 pack)			
MBV4-01	1/4" Compact mini ball valve			
MBV5-03	5/16" QC x 1/4" SAE compact mini ball valve set (3 pack)			
MBV5-01	5/16" QC x 1/4" SAE compact mini ball valve			
P511	Replacement Gasket			

Flexible Metal Hose

- 900 psi working; 3500 psi burst
- Unlike charging hoses, flexible metal lines will not permeate under vacuum
- Metal lines feature finger-tight o-ring coupler ends
- Made in the USA

P90009

P90012



1/4" Replacement o-ring (10 pack)

3/8" Replacement o-ring (10 pack)

PRO TIPS *

Only the finest materials available are used to

Even with the advanced technology of today's hoses, permeation through the

Permeation

hose compound still exists.

manufacture JB hoses to ensure a minimum amount of permeation (seepage or diffusion) of the refrigerant through the hose. KOBRA® hoses are designed as transfer lines for all refrigerants (except ammonia), nitrogen, and refrigerant oils.

When checking pressure rise, the atmosphere will permeate to the lower pressure in the hoses, and the micron reading will slowly rise.



Secure Seal Adapters

- Convert your CLE Series hose into CLS Secure Seal
- Made in the USA





PART NO.	DESCRIPTION
33112N	1/4" QC x 1/4" SAE
33113N	1/4" QC x 1/4" SAE 90°
33115N	5/16" QC x 1/4" SAE
33116N	5/16" QC x 1/4" SAE 90°

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

Mini-Split Tool Kits

Mini-Split Tool Kits MSKIT1 and MSKIT2

Everything you need for R410A ductless mini-splits in one convenient kit. MSKIT1 and MSKIT2 contain all essential tools to get the job done, including the award-winning PATRIOT[™] 2-Valve Manifold, a KOBRA® Secure Seal hose set that is UL approved for R410A, and a heavy-duty six spanner head torque wrench.

MSKIT3

The MSKIT3 is an affordable solution for service technicians who already have a few basic tools in their toolbox.

The Manifold that Gives Back



For each PATRIOT™. MSKIT1 or MSKIT2 sold, JB will donate to Operation Homefront. To learn more about Operation Homefront, visit www.operationhomefront.net





MSKIT 3

	MSKIT3 TOOLBAG (1/4" AND 5/16")					
PART NO.	DESCRIPTION					
JB-TOOLBAG1	JB tool bag (30 pockets)					
T30605	Metric (2-8mm) and Imperial (5/64" - 1/4") hex key set					
T30600	Ratcheting eccentric cone flare tool					
TRQ1080	Torque wrench set with 6 spanner heads					
NFT5-4	1/4" Brass caps (10 pack)					
NFT5-5	5/16" Brass caps (5 pack)					
A31656	5/16" Female x 1/4" SAE brass adapters (2 included)					

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Mini-Split Tool Kits

Mini-Split Kit Tool Descriptions



22500 1/4" | 22505 5/16"

PATRIOT™ manifold with surge dampened R410A gauges and 360° swiveling hose holders Made in the USA ■



T30600

Ratcheting, eccentric cone flaring tool with internal clutch to prevent over-torquing. For tube OD: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", and 3/4"



T30605 Metric (2-8mm) and Imperial (5/64" - 1/4") hex key sets Made in the USA

Additional Accessories



JB-BACKPACK1 Heavy-duty canvas JB backpack



CCLS-60 1/4" | CCLS5-60 5/16"

KOBRA® Secure Sealed refrigerant charging hoses with low-loss, UL-approved for R410A Made in the USA



A32525N 1/4" | A32535N 5/16"

Valve core remover tool with side port for removing valve cores without losing system charge Made in the USA



NFT5-4 1/4" | NFT5-5 5/16" Five finger-tight 1/4" o-ring sealed brass caps Made in the USA



TRQ1080

7.375-59.004 pound-feet (10-80 N-M) torque wrench with six spanner heads (17, 22, 24, 26, 27, and 29mm), and 1/2" DR Ratchet head

Made in the USA



SHLD-P4 1/4" | SHLD-E4 5/16"

SHIELD[®] Refrigerant locking cap with water-resistant rubber sleeves color-coded for R410A Made in the USA



A31656 1/4" | A31665 5/16" male

Brass adapters for 5/16" - 1/4" SAE connections Made in the USA





JB-TOOLBAG1 Heavy-duty canvas JB tool bag TRQ-IMP

Torque wrench imperial heads for TRQ1080 (5/8", 13/16" 15/16", 1-1/8")

SHIELD®

New

Vacuum Pumps

Recovery

Climate Class

SHIELD®

Refrigerant Locking Caps

- Easily identifiable with water-resistant color-coded caps for R22, R410A, and universal refrigerants
- Secure, tamper-resistant lock
- Protects against unauthorized access to refrigerants and deters against huffing inhalant abuse and theft
- Helps prevent leaks and excessive energy usage by providing a strong secondary seal to Schrader or backseat valve
- All brass, corrosion-resistant design
- Available with 1/4" and 5/16" fittings in packs of 4, 12, 50, and 100; also available in bulk
- Requires tamper-resistant bit and driver for unlocking
- Made in the USA

Meets International Safety Codes

International Mechanical Code 1101.10 – Refrigerant circuit access ports located outdoors shall be fitted with locking-type tamper-resistant caps

International Residential Code M1411.6 – Refrigerant circuit access ports located outdoors shall be fitted with locking-type tamper-resistant caps

Universal Refrigerant Locking Cap Key

SHLD-MULTI Refrigerant locking cap key with interchangeable bits conveniently stored inside the tool handle. For use with SHIELD[®], C&D Valve[™], and Novent[®] Refrigerant Locking Caps.

SHIELD_® Drivers

For use with SHIELD® Refrigerant Locking Caps. Available in 3" (includes one bit), 8" (includes two bits), or combination pack with both driver sizes and two bits, **SHLD-COMBO-DRIVER**.







SHLD-G4 1/4" 4 Pack (R22)



SHLD-P4 1/4" 4 Pack (R410A)





DEALER DESIGN AWARDS



SHLD-E4 5/16" 4 Pack (Universal)

NEWS BRONZE					
PART NO.	QTY.	FITTING Size	SLEEVE COLOR CODE	DESCRIPTION	
SHLD-U4	4	1/4"	Universal	Locking caps and 1 bit (4 pack)	
SHLD-U12	12	1/4"	Universal	Locking caps and 1 bit (12 pack)	
SHLD-U50	50	1/4"	Universal	Locking caps, 1 bit, and 3" driver (50 pack)	
SHLD-U100	100	1/4"	Universal	Locking caps, 2 bits, and 8" long driver (100 pack)	
SHLD-E4	4	5/16"	Universal	Locking caps and 1 bit (4 pack)	
SHLD-E12	12	5/16"	Universal	Locking caps and 1 bit (12 pack)	
SHLD-E50	50	5/16"	Universal	Locking caps, 1 bit, and 3" driver (50 pack)	
SHLD-G4	4	1/4"	R22	Locking caps and 1 bit (4 pack)	
SHLD-G12	12	1/4"	R22	Locking caps and 1 bit (12 pack)	
SHLD-G50	50	1/4"	R22	Locking caps, 1 bit and 3" driver (50 pack),	
SHLD-P4	4	1/4"	R410A	Locking caps and 1 bit (4 pack)	
SHLD-P12	12	1/4"	R410A	Locking caps and 1 bit (12 pack)	
SHLD-P50	50	1/4"	R410A Locking caps, 1 bit and 3" of (50 pack)		
PA	RT NO.			DESCRIPTION	
SHLD-CJ			Empty stora	ge jar holds 150 SHIELD® caps	
SHLD-SLU20			Universal (black) SHIELD® sleeves (20 pac		
SHLD-SLG20			R22 (green) SHIELD® sleeves (20 pack)		
SHLD-SLP20			R410A (pink) SHIELD® sleeves (20 pack)		
SHLD-BIT			SHIELD _® 2 pack bit		
SHLD-3-DRIVE	SHLD-3-DRIVER SH			driver with 1 bit	
SHLD-8-DRIVE	R		SHIELD _® 8'	long driver with 2 bits	
SHLD-COMBO	-DRIVER		SHIELD _® 3" and 8" drivers with 2 bits		
SHLD-MULTIUniversal lockin Novent⊛, and C			cking cap key for SHIELD⊛, d C&D Valve [™] locking caps		

Brass Access CoreMax SHIELD Mini-Split Hoses Scales Manifolds/ Digital Leak Digital ittings Valves CoreMax Detection Gauges Manifolds Detection Gauges

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS

Index/ Contacts

Ball /alves

Just Better Tools

Capillary Tubing

Warranty/ Automotive/ Repair LA-CO

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Leak Detection

Digital Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

Core Max

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

CoreMax[®]

Rapid Charge and Evacuation System

The innovative CoreMax® family of manufacturing and service tools is an integrated, flexible system design that shortens processing time and provides up to 5x greater flow, dramatically improving sealing with faster access connections. CoreMax® gives you the choice of how you want to test, fill, and evacuate your systems.

- Process directly through the valve with additional flow and dramatically better sealing
- · Easy-to-use connector at every process station
- · Automatic valve shutoff on both sides of connection
- Higher flow improves vacuum quality to maximize SEER rating
- Improves line throughput and reduces evacuation stations
- Easy implementation with lower tool costs
- Improves processing time and field service
- Made in the USA

For more information and instructional video visit jbind.com





CM-VC003 **High-Flow Valve Cores**

CM-S370 Seats



Valve Core Removal Tool

PART NO.	DESCRIPTION
CM-VC003	High-Flow Valves with Caps (3 pack)
CM-VC010	High-Flow Valves with Caps (10 pack)
CM-VC025	High-Flow Valves with Caps (25 pack)
CM-VC100	High-Flow Valves with Caps (100 pack)
CM-S370	3/8" Seats (3 pack)
CM-SS370	3/8" Saddle Seats (3 pack)
CM-S250	1/4" Seats (3 pack)
CM-SS250	1/4" Saddle Seats (3 pack)
CM-CRTOOL	Valve Core Removal Tool
CM-SNAP	SnapMate [®] Service
CM-TRQ	Manual Torque Wrench 3/8" drive



New Vacuum Pumps Recovery Climate Class **Digital** Gauges Leak Detection Digital Manifolds Manifolds/ Gauges Scales Hoses Mini-Split Tool Kits SHIELD CoreMax Access Valves Brass Ball /alves Just Better Tools Capillary Warranty/ Automotive/ Repair LA-CO Index/ Contacts

Access Valve Overview 100% Made in the USA

JB machines access valves at our Aurora, Illinois facility using 100% American C360 alloy brass sourced from US mills. Our brass fittings and access valves have high tensile strength and resist corrosion. All of our valves are machined according to strict AHRI specifications to ensure proper sealing of valve and core surfaces. Quality and dependability come standard with an American-made tools.

ACCESS VALVES SPECIF	ACCESS VALVES SPECIFICATIONS				
AHRI Standard 720-2002					
AHRI Torque	3.0 - 5.0 inches/pound				
Temp Range	-40°F to 250°F (-40°C to 121°C)				
Valve Bodies	Brass				
Valve Core	Stainless steel and brass for use with all refrigerants such as R12, R22, R134a, R410A, and R502. Resistant to oils, alkalites, and diluted mineral acids				

Tube Sizing: ODS and ODF Fit Descriptions

Descriptions for solder/braze access valves specify the connecting tube OD. Size and type fit illustrated are examples of the types of fit for an A31723 valve. The connecting line slips around access fitting; refer to AC/R Copper Tube Fitting Guide and Connecting Tube Size table.

There are two types of ODF fit—external tube fit and swage fit. JB access valve descriptions for ODF refer to swage fit. The connecting tube OD is the same OD as the fitting end. Therefore, the A31723 example above will also slip into 5/16" OD tube. If connecting to wrot copper fitting, use ODF swage size.

CONNECTING TUBE SIZE						
TUBE SIZE	ODS Internal Tube Fit	ODF External Tube Fit	ODF Swage Fit			
1/8"	-	3/16"	-			
3/16"	1/8"	1/4"	3/16"			
1/4"	3/16"	5/16"	1/4"			
5/16"	1/4"	3/8"	5/16"			
3/8"	5/16"	-	3/8"			

For easy sizing reference, the last two numerals of our flare fittings correspond to their respective tube sizes.

SIZING REFERENCE GUIDE					
NUMBER TUBE SIZE NUMBER TUBE SIZE					
02	1/8"	08	1/2"		
03 3/16"		10	5/8"		
04	1/4"	12	3/4"		
05	5/16"	14	7/8"		
06	3/8"	18	1-1/8"		







Valve Core Pin Location

After valve installation, the valve core can be replaced with valve core tools. Torque to AHRI specifications.





Pinch Swage

Copper Braze Tees

Copper Access Unions



Wrot Copper Fitting

1/4" x 1/4" x 1/4" Tee

5/16" Tube

Swage 1/4" OD Tube

Copper Tube Extension Single Step

- For use with Sil-Fos alloy and copper fittings
- Includes cap (NFT5-4) and valve core, 1/4" ID
- · Generous counterbore allows removal of core if flare becomes damaged
- · All tees and crosses are tapped to receive an access core in all 1/4" SAE flare ends
- All pipe connections have internal braze cups for dip tube applications
- Made in the USA

Note: OD x ID sizes are for copper tube extension



A31004

PART NO.	QTY.	DESCRIPTION
A31002	5	1/8" OD
A31003	5	3/16" OD x 1/8" ID
A31004	5	1/4" OD x 3/16" ID
A31005	5	5/16" OD x 1/4" ID
A31006	5	3/8" OD x 5/16" ID
A31008	3	1/2" OD
A31004S	5	1/4" OD

Copper Tube Extension Multi-Step

- For use with Sil-Fos alloy and copper fittings
- Includes cap (NFT5-4) and valve core, 1/4" ID
- Generous counterbore allows removal of core if flare becomes damaged
- All tees and crosses are tapped to receive an access core in all 1/4" SAE flare ends
- All pipe connections have internal braze cups for dip tube applications
- Made in the USA

Note: OD x ID sizes are for copper tube extension



PART NO.	QTY.	DESCRIPTION	
A31009	3	1/8" OD ext; 3/16",1/4", and 5/16" ODF body steps	
A31011 3 3/16" OD ext; 1/4", and 3/8" ODF body step		3/16" OD ext; 1/4", and 3/8" ODF body step	
A31012	3	1/8" OD ext.; 1/8", and 3/16" body step	

Copper Braze Tapper Only

Made in the USA

Copper Braze Saddle with Tapper

LISTED

Made in the USA

PART NC

A32904

A32905

A32906

A32908

A32910

A32912

A32914

A32804

PART NO.	QTY.	DESCRIPTION
A32804	5	1/4"
A32805	5	5/16"
A32806	5	3/8"
A32808	3	1/2"
A32810	3	5/8"
A32812	2	3/4"
A32814	2	7/8"
A32818	2	1-1/8"



A32904

1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

7/8"

OTY

5

5

5

3

3

2

2

DESCRIPTION

Copper 90° Elbow • Includes cap (NFT5-4) and valve core

- · Use Sil-Fos alloy only
- Made in the USA



A31160

QTY.	SLIP-FIT CONNECT LINE SIZE
1	5/8" ODS
1	3/4" ODS
1	7/8" ODS
1	1-1/8" ODS
	QTY. 1 1 1 1 1 1

New

Vacuum Pumps

Recovery

Copper Braze Tee

Adjustable

- Bend, cut, flare, swage, or pinch; extra depth slip fit braze cups
- Simple installation anywhere along the line
- Use Sil-Fos alloy only
 Made in the USA



A31134

Figure 1. Copper Braze Tees

PART NO. QTY.		SLIP-FIT CONNECT LINE Size	OVER ALL Length (OAL)	LENGTH Fig 1. (A)
A31134	3	1/4" ODS x 5/16" ODF	2-1/8"	1"
A31135	3	5/16" ODS x 3/8 ODF	2-1/8"	1"
A31136	3	3/8" ODS x 1/2" ODF	2-1/8"	1"
A31138	3	1/2" ODS	2-1/8"	1"
A31140 1		5/8" ODS	2-1/2"	1"
A31142	1	3/4" ODS	3"	1-1/4"
A31144	1	7/8" ODS	3-1/2"	1-1/2"
A31148	1	1-1/8" ODS	3-13/16"	1-5/8"
A31154	2	3/16" ODS x 1/4" ODF	4"	1-15/16"
A31155	2	1/4" ODS x 5/16" ODF	4"	1-15/16"
A31156	2	5/16" ODS x 3/8" ODF 4" 1-		1-15/16"

Copper Access Union

- Includes cap (NFT5-4) and valve core
- Install valve in any position
- Connecting line size for ODS and ODF external tube ends
- Use Sil-Fos alloy only
- Made in the USA



Figure 2. Copper Access Unions

PART NO.	QTY.	SLIP-FIT CONNECT Line Size	OVER ALL Length (OAL) Fig 2. (B)	MIN. LENGTH (MIN) FIG 2. (C)
A31199	2	1/4" OD	2-3/8"	5/16"
A31200	2	3/8" OD	2-3/4"	5/16"
A31201	2	1/2" OD	3"	3/8"
A31202	2	5/8" OD	3-1/4"	1/2"
A31204	2	7/8" OD	3-3/4"	3/4"

Copper Braze Tee Swaged

- Braze cup ends
- Simple installation anywhere along the line
- Use Sil-Fos alloy only
- Made in the USA



PART NO.	QTY.	SLIP-FIT CONNECT LINE Size	OVER ALL LENGTH (OAL)
A31334	3	1/4" OD	2-1/8"
A31335	3	5/16" OD	2-1/8"
A31336	3	3/8" OD	2-1/8"
A31338	3	1/2" OD	2-1/8"
A31340	1	5/8" OD	2-1/2"
A31342	1	3/4" OD 3"	
A31344	1	7/8" OD	3-1/2"
A31348	1	1-1/8" OD	3-13/16"

Access Valve Service Kit

- The most popular access fittings for service calls in one convenient storage case, includes: A31002 (3), A31003 (3), A31004 (3), A31005 (3), A31006 (3), NFT5-4 (6), A31851 (1), A31852 (1), A32004 (1), A31998 (3), A33500 (1), A31729 (3)
- Made in the USA



AVK-001

PART NO.	DESCRIPTION
AVK-001	Access valve service kit in storage case

Bulk Fitting Jar

- Best selling access valves packaged in a convenient display jar
- Made in the USA



Δ

PART NO.	QTY.	DESCRIPTION
A31004-CJ	250	1/4" OD x 3/16" ID copper tube extension with bulk jar
NFT5-4-CJ 500		1/4" SAE cap with bulk jar

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS



*Core pre-torqued to AHRI PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Digital Leak Manifolds Detection

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Tools

Warranty/ Automotive/ Capillary Repair LA-CO Tubing



PART NO.	QTY.	DESCRIPTION
A31234	3	1/4" ODS x 3/8" ODF
A31235	3	5/16" ODS x 3/8" ODF
A31236	3	3/8" ODS x 1/2" ODF
A31238	3	1/2" ODS x 5/8" ODF

MPT Brass Bodies

Made in the USA



A31722

PART NO.	QTY.	DESCRIPTION	
A31722	3	1/8" ODS x 1/4" ODF	
A31723	3	3/16" ODS x 1/4" ODF	
A31724	3	1/4" ODS x 3/8" ODF	
A31725	3	5/16" ODS x 1/2" ODF	
A31726	3	3/8" ODS x 1/2" ODF	
A31728	3	1/2" ODS x 5/8" ODF	

MPT Connection

• Made in the USA



A31482

PART NO.	QTY.	DESCRIPTION
A31482*	5	1/4" Flare x 1/8" MPT Half Union
A31484*	5	1/4" Flare x 1/4" MPT Half Union
A31492*	3	1/4" Flare x 1/8" MPT Elbow
A31494*	3	1/4" Flare x 1/4" MPT Elbow
*Core pre-torqued to AHRI		

MPT Flared Tube Connection

• Made in the USA



A31424

PART NO.	QTY.	DESCRIPTION	
A31424*	3	1/4" Female SAE union w/flare nut	
A31444	3	1/4" Female SAE union w/flare nut	
*Core pro torgued to AUDI			

Core pre-torqued to AHRI

MPT Tee Connection

Made in the USA



A31452

PART NO.	QTY.	DESCRIPTION	
A31452	3	1/8" MPT x 1/4" SAE Branch Tee	
A31454	3	1/4" MPT x 1/4" SAE Branch Tee	
A31512	3	1/8" MPT run	
A31514	3	1/4" MPT x 1/4" SAE Run x 1/4" SAE Branch Tee	

MPT Flare Connection and Flare Fitting Adapter



A31734

PART NO.	QTY.	DESCRIPTION	
A31614*	5	1/4" Female SAE w/copper gasket	
A31734*	3	1/4" Female SAE swivel nut w/depressor	
*Core pro torgued to AUDI			

*Core pre-torqued to AHRI

MPT Multi-Step

Made in the USA





A31720

A31729

PART NO.	QTY.	DESCRIPTION	
A31720	5	3/16" ODS x 1/4" or 3/8" ODF steps	
A31729	3	3/16", 1/4", 5/16", 1/2" ODF steps	
A31736	3	1/8" ODS x 3/16", 1/4" or 5/16" ODF	

A32525SV



Valve Core Removal Tool with Slide Valve Side Port

Designed with the daily job of technicians in mind-The Dealer Design Awardwinning A32525SV valve core removal tool utilizes an additional slide valve side port to accommodate a vacuum gauge.

Primary function is to remove and replace the valve core under pressure and/ or to remove valve cores in refrigeration systems to increase evacuation and charging performance.

- Swap out damaged valve cores under pressurized air conditioning and refrigeration systems for much faster evacuation
- Slide valve side port valve provides an excellent location to attach a vacuum gauge so system can be checked for absence of moisture and air
- Slide valve side port provides an easy open/close so vacuum gauge can be removed without the introduction of air into the system before charging
- Protect sensitive vacuum gauge sensors when left on during the charging process by closing slide valve side port
- In-line actuated handle allows the contractor to open and close the valve in tight areas with a single finger
- Uses a series of o-rings and precision machining to stay sealed and not leak during evacuation
- Solid brass construction with the tip machined from A2 tool steel extends tool life
- Made in the USA



Valve Core Removal Tool with Slide Valve Side Port and Torque Setting

Designed with the daily job of technicians in mind—The A32525SVT valve core removal tool utilizes an additional slide valve side port to accommodate a vacuum gauge.

Primary function is to remove and replace the valve core under pressure and/ or to remove valve cores in refrigeration systems to increase evacuation and charging performance.

- Swap out damaged valve cores under pressurized air conditioning and refrigeration systems for much faster evacuation
- The A32525SVT automatically sets torgue 3 to 5 in-lb
- Slide valve side port valve provides an excellent location to attach a vacuum gauge so system can be checked for absence of moisture and air
- Slide valve side port provides an easy open/close so vacuum gauge can be removed without the introduction of air into the system before charging
- · Protect sensitive vacuum gauge sensors when left on during the charging process by closing slide valve side port
- In-line actuated handle allows the contractor to open and close the valve in tight areas with a single finger
- Uses a series of o-rings and precision machining to stay sealed and not leak during evacuation

Slide Valve Side Port slides open and

AUTOMATICALLY SETS TORQUE

3 to 5 in-lb

In-Line Actuated Handle

for easy open/close

DESCRIPTION

close protecting attached vacuum gauge

· Solid brass construction with the tip machined from A2 tool steel extends tool life

VACUUM

RATED

Made in the USA



New

Vacuum

Recovery

Vacuum Rated Valve Core Removal Tool with Access Port

- Vacuum rated to 20 microns with quarter-turn ball valve shutoff and o-ring seals
- Speeds up evacuation, recovery, or recharging through the full flow port
- Storage area for spare valve cores
- Made in the USA



A32525N

PART NO.	QUICK CONNECT	FLARE RUN	SIDE PORT
A32500N	1/4"	1/4"	—
A32505N	5/16"	1/4"	—
A32525N	1/4"	1/4"	1/4"
A32530N	5/16"	1/4"	1/4"
A32535N	5/16"	5/16"	1/4"
A32501N	Core remover bit for A32500N replacement		
A32504	Core remover bit for A32525N replacement		
P325	1/4" and 5/16" rep	lacement gaskets for A32	2525N (1 each)

Valve Cores and Tool

- Positive stop valve core with neoprene cup washer and PTFE barrel gasket seal for A/C system valves
- Installation torque 3 to 5 in/lbs
- Max 800 psi and 220°F (104°C)
- Made in the USA



Valve Core Torque Tool

- Preset torque to 5 in/lbs for precise torquing of core valves
- Works with all standard valve cores



PART NO.	QTY.	DESCRIPTION	
A32008	1	1/4" Valve core torque tool	
A32008-B	12	1/4" Valve core torque tools in bulk	
A32008-BX	12	1/4" Valve core torque tools in display box	

Evacuation Recovery Tool

- Plier-type tool with a quick-release trigger to puncture large holes into the line for discharge of a recovery unit
- Fits 3/16" to 7/8" OD hard tubing



A32100

PART NO.	QTY.	DESCRIPTION	
A32004	1	1/4" Valve core tool with storage for six valve cores	
A31999	5	1/4" Valve cores	
A31999-25	25	1/4" Valve cores	
A31999-100	100	1/4" Valve cores	

PART NO.	QTY.	DESCRIPTION	
A32100	1	Evacuation/recovery tool	
A32101	1	Hardened steel needle and gasket	

Quick Seal O-Ring Caps

- Deep vacuum and A/C refrigeration
- Finger-tight sealing for all male SAE connections
- Made in the USA



NFT5-4				
PART NO. QTY. DESCRIPTION				
NFT5-4	10	1/4" SAE cap		
NFT5-5	5	5/16" SAE cap		
NFT5-6	3	3/8" SAE cap		
NFT5-8	3	1/2" SAE cap		
NFT5-4-25	25	1/4" SAE cap		
NFT5-4-100	100	1/4" SAE cap		
NFT5-6-100	100	3/8" SAE cap		
P90010	10	Replacement 1/4" o-ring		
P90011	5	Replacement 5/16" o-ring		

Quick Seal Gasket Caps

- Deep vacuum and A/C refrigeration
- Finger-tight sealing for all male SAE connections
- Made in the USA



A31985

PART NO.	QTY.	DESCRIPTION
A31985	10	1/4" SAE cap
A31985-100	100	1/4" SAE cap
P509	6	1/4" Replacement gasket
P509-25	25	1/4" Replacement gasket

E-Z Tapper

- Backseating stem eliminates line restriction when servicing through access port or when using the valve for flow control
- Made in the USA



EZ-40288

PART NO.	QTY.	DESCRIPTION
EZ-40288	1	E-Z tapper piercing valve 3/16" x 3/8" OD tube
EZ-40288-126	5	E-Z tapper gasket

Backseating Control Valve

- Ideal for use on pre-charged line sets
- Stops spray of leak detection dye/refrigerant
- Compact brass body for long service and swivel coupler with double safety grooves
- Made in the USA



A33000

PART NO.	QTY.	DESCRIPTION
A33000	1	1/4" SAE x 1/4" o-ring quick coupler
P90009	10	Replacement o-ring

Core Removers

Made in the USA



A31997

A31998

PART NO.OTY.DESCRIPTIONA31997101/4" Core remover capA3199851/4" Plastic core removers



• Spring-loaded needle automatically backseats,

O-Ring Seal

Line Piercing

PART NO.	DESCRIPTION
LT-456	1/4" - 3/8" Line piercing valve
LT-810	1/2" – 5/8" Line piercing valve

Wrench Style Seal Cap

- For A/C refrigeration service
- Brass-to-brass positive seal and permanent installation
- Made in the USA

-



A31986		
PART NO.	QTY.	DESCRIPTION
A31986	5	1/4" SAE cap
Sneci	alt	v Cans
		y Caps
Speci Made in t		



A31992

PART NO.	QTY.	DESCRIPTION
A31992	5	1/4" SAE cap
A31992-100	100	1/4" SAE cap
13493	2	Plastic cap with retainer strap
13494	1	Plastic cap

Recovery

Climate Class

Digital Gauges

Leak Detection

Digital Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

New



PART NO.	DESCRIPTION
QC-S45-45	5/16" Female x 1/4" SAE Male Angled Adapter 45°



QC-E3

PART NO.	DESCRIPTION
QC-E3	3/16" QC x 1/4" SAE elbow
QC-E4	1/4" QC x 1/4" SAE elbow
QC-E5	5/16" QC x 1/4" SAE elbow
QC-E64	3/8" QC x 1/4" SAE elbow (no depressor)

Core Depressor



A33500

PART NO.	DESCRIPTION
A33500	1/4" Thumbscrew core depressor
P90009	Replacement o-ring

QC	Straig	ht
Mad	e in the USA	



QC-S4

PART NO.	DESCRIPTION
QC-S3	3/16" QC x 1/4" SAE
QC-S4	1/4" QC x 1/4" SAE
QC-S46	1/4" QC x 3/8" SAE
QC-S5	5/16" QC x 1/4" SAE
QC-S5S	5/16" QC x 1/4" SAE (w/valve core)
QC-S64	3/8" QC x 1/4" SAE (no depressor)
QC-S65	3/8" QC x 5/16" SAE (no depressor)

QC SAE Female Adapter

Made in the USA



A31656

PART NO.	DESCRIPTION
A31656	1/4" SAE Male x 5/16" SAE Female Adapter
A31665	5/16" SAE Male x 1/4" SAE Female Adapter

Liquid Charging Adapters

- Metering element assures a safe, fast charge without damaging the compressor
- Made in the USA



LC-4/LC-5

PART NO.	DESCRIPTION
LC-4	1/4" Liquid charging adapter
LC-5	5/16" Liquid charging adapter

QC Female NPT Thread

Made in the USA



QC-S4A

PART NO.	DESCRIPTION
QC-S4A	1/4" QC x 1/8" Female NPT
QC-S4B	1/4" QC x 1/4" Female NPT

QC Access Tee

- O-ring seal quick coupler
- Includes cap and valve core
- Made in the USA



A34000

PART NO.	QTY.	DESCRIPTION
A34000	1	1/4" QC x 1/4" access branch tee
P90009	10	Replacement o-ring

Swivel Cylinder Valve

- O-ring seal quick coupler
- Includes cap and valve core
- Made in the USA



CV-20004

PART NO.	DESCRIPTION
CV-20004	3/4" NPS x 1/4" M flare
CV-20006	3/4" NPS x 3/8" M flare



American-made Brass 💻

SAE 45° Flared Tube Fittings

JB fittings are for use with copper, brass, aluminum, steel, and plastic tube provided an acceptable flare could be generated with the material.

Vacuum and pressures of 5,000 psi can be handled depending upon the size, material, and conditions. Using a 4:1 safety factor, the following general rule (excluding plastic tube) is used:

3,000 psi to 1/4" 2,000 psi to 1/2" 1,500 psi to 1"

Long nuts are recommended when vibration is a factor. Tubing should be double-flared in extreme applications to minimize flare thinning on over-tightening.

Fittings listed generally comply with SAE, ASA, ASME, and MS standards; however, when design makes dimensions critical, please contact customer service for samples and/or prints for testing and evaluation.

Tube sizes listed are OD (outside diameter). To determine nominal (water tube) size, subtract 1/8", thus 5/8" OD equals 1/2" nominal. Pipe sizes listed are standard nominal pipe size, and threads are to dry seal taper pipe standards. JB will provide flare fitting to SAE Standard J513 whenever possible. In some cases, slight deviations will occur when full compliance fittings are not available.

Heavy-duty ACR tube fittings generally conform to SAE, ASA, and AHRI Standards for hydraulic, marine, and refrigeration service. Long dry seal pipe threads minimize leakage and provide more clearance for tightening flare nuts. Shapes, elbows, tees, etc., are made from brass forgings to maximize strength and eliminate cracks.

Assembly Instructions

- 1. Cut tube square and remove cut-off burr
- 2. Slide nut on tube, threaded end facing end of tube
- 3. Flare tube following flaring tool manufacturers instructions (check flare quality)
- 4. Thread nut on to fitting body "hand tighten"
- 5. With proper wrench, tighten to a solid feel

CAUTION: Over-tightening and dirt can damage fittings and/or tube causing leaks.

NOTE: Lubrication of flare faces and threads is recommended when practical.



Copper seal gaskets (B2) series furnished with all female flares Fiber gaskets (K1 and D/E) furnished with all drum adapters (K1-1 through 8)

	THREAD SIZE OF TUBE ENDS			TORQUE PO For Flare (Dry Thre	FITTING
OD TUBE	SAE - FLARE	OD TUBE	SAE FLARE	SIZE	FT/LBS
1/8"	5/16" – 24	1/2"	3/4" – 16	1/4"	8-10
3/16"	3/8" – 24	5/8"	7/8" – 14	3/8"	15-25
1/4"	7/16" – 20	3/4"	1-1/16" – 14	1/2"	25-35
5/16"	1/2" – 20	7/8"	1-1/4" – 12	5/8"	40-55
3/8"	5/8" – 18	1"	1-3/8" – 12	3/4"	50-60
7/16"	11/16" – 16				

New

Brass Fittings

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Manifolds/ Digital Leak Gauges Manifolds Detection

Scales

Hoses

Mini-Split Tool Kits

CoreMax SHIELD

Access Valves

Brass Fittings

Ball Valves



Made in the USA



ES2-44

PART NO.	QTY.	SIZE
ES2-44	5	1/4" x 1/4"
ES2-66	5	3/8" x 3/8"
ES2-68	2	3/8" x 1/2"
ES2-88	2	1/2" x 1/2"



E3-5B

PART NO.	QTY.	SIZE
E3-4A	5	1/4" x 1/8"
E3-4B	2	1/4" x 1/4"
E3-5B	2	5/16" x 1/4"
E3-6A	5	3/8" x 1/8"
E3-6B	2	3/8" x 1/4"
E3-6C	2	3/8" x 3/8"
E3-6D	2	3/8" x 1/2"
E3-8C	2	1/2" x 3/8"
E3-8D	2	1/2" x 1/2"
E3-8E	2	1/2" x 3/4"
E3-10D	2	5/8" x 1/2"
E3-10E	2	5/8" x 3/4"

Includes copper gasket	
Made in the USA 📃	



E4-44

PART NO.	QTY.	SIZE
E4-44	5	1/4" x 1/4"
E4-66	2	3/8" x 3/8"
E4-88	2	1/2" x 1/2"

Made in the USA

PART NO.

E1-2A

E1-3A

E1-4A

E1-4B

E1-4C

E1-5A

E1-5B

E1-5C

E1-6A

E1-6B

E1-6C

QTY.

5

2

10

10

5

5

5

5

5

10

10

Reducing Flare Ell

Made in the USA

Flare x Male Pipe Ell

Climate Class

Digital Gauges

Leak Digital Manifolds/ Detection Manifolds Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

PART NO. SIZE QTY. E1-6D 3/8" x 1/2" 5 2 E1-6E 3/8" x 3/4" E1-8B 5 1/2" x 1/4" E1-8C 5 1/2" x 3/8"

10

2

2

2

2

2

2

Swivel Female Flare x

1/2" x 1/2"

1/2" x 3/4"

5/8" x 3/8"

5/8" x 1/2"

5/8" x 3/4"

3/4" x 1/2"

3/4" x 3/4"



E2-2

PART NO.	QTY.	SIZE
E2-2	5	1/8"
E2-3	5	3/16"
E2-4	5	1/4"
E2-5	5	5/16"
E2-6	5	3/8"
E2-8	5	1/2"
E2-10	2	5/8"
E2-12	2	3/4"

Drum Adapter



ER2-64



ES4-44



PART NO.	QTY.	SIZE
ES4-44	2	1/4" x 1/4"
ES4-66	2	3/8" x 3/8"
ES4-88	2	1/2" x 1/2"
ES4-1010	2	5/8" x 5/8"
ES4-1212	2	3/4" x 3/4"

PART NO.	QTY.	SIZE
K1-1	10	3/4" x 1/4"
K1-3	2	3/4" x 3/8"
K1-5	2	3/4" x 1/2"
K1-8	2	1/2" x 1/4"

K1-1

_				

Flare Ell

Made in the USA

	E2-2	5	1/8"
-	E2-3	5	3/16"
-	E2-4	5	1/4"
_	E2-5	5	5/16"
_	E2-6	5	3/8"
	E2-8	5	1/2"
	E2-10	2	5/8"
	E2-12	2	3/4"
_			

Refrigerant

• NPS cylinder x male flare; with fiber gasket

Made in the USA



E1-12E

E1-8D

E1-8E

E1-10C

E1-10D

E1-10E

E1-12D

E1-12E

Flare Ell

Made in the USA

SIZE

1/8" x 1/8"

3/16" x 1/8"

1/4" x 1/8"

1/4" x 1/4"

1/4" x 3/8"

5/16" x 1/8"

5/16" x 1/4"

5/16" x 3/8"

3/8" x 1/8"

3/8" x 1/4"

3/8" x 3/8"

Fusible Pipe Plug



2

2

Flare Cap

FP-B-283

FP-C-283

Made in the USA



FU-4C-210

Ű

LISTED

PART NO.	SIZE	QTY.				
	168° F					
FU-4B-168	1/4" x 1/4"	2				
FU-6C-168	3/8" x 3/8"	2				
	210° F					
FU-4B-210	1/4" x 1/4"	2				
FU-4C-210	1/4" x 3/8"	2				
FU-6C-210	3/8" x 3/8"	2				
283° F						
FU-4B-283	1/4" x 1/4"	2				
FU-4C-283	1/4" x 3/8"	2				
FU-6C-283	3/8" x 3/8"	2				

Old Style Extra Heavy Nut

Made in the USA



1/4"

3/8"

N5-4

PART NO.	QTY.	SIZE
N5-3	5	3/16"
N5-4	25	1/4"
N5-5	5	5/16"
N5-6	25	3/8"
N5-8	10	1/2"
N5-10	10	5/8"
N5-12	2	3/4"

QTY.	SIZE
25	1/4" (3/4" hex)
25	3/8" (7/8" hex)
10	1/2" (1" hex)
10	5/8" (1-1/8" hex)
2	3/4" (1-3/8" hex)
	25 25 10 10

HNS4-12



PART NO.	QTY.	SIZE
C1-4	2	1/4"
C1-6	2	3/8"

Fiber Drum Adapter Seal Gasket

• Made in the USA



K1-D

PART NO.	QTY.	SIZE
K1-D	10	1/2"
K1-E	10	3/4"

Long Forged Refrigeration Nut

• Made in the USA



N4-12

PART NO.	QTY.	SIZE
N4-4	10	1/4"
N4-5	5	5/16"
N4-6	10	3/8"
N4-8	5	1/2"
N4-10	5	5/8"
N4-12	2	3/4"

Flare x Flare x **Male Pipe Tee** Made in the USA



T1-10D

PART NO.	QTY.	SIZE
T1-4A	10	1/4" x 1/4" x 1/8"
T1-4B	10	1/4" x 1/4" x 1/4"
T1-4C	2	1/4" x 1/4" x 3/8"
T1-5B	2	5/16" x 5/16" x 1/4"
T1-6B	5	3/8" x 3/8" x 1/4"
T1-6C	5	3/8" x 3/8" x 3/8"
T1-6D	2	3/8" x 3/8" x 1/2"
T1-8B	2	1/2" x 1/2" x 1/4"
T1-8C	2	1/2" x 1/2" x 3/8"
T1-8D	2	1/2" x 1/2" x 1/2"
T1-10C	2	5/8" x 5/8" x 3/8"
T1-10D	2	5/8" x 5/8" x 1/2"

Short Forged Nut

Made in the USA



NS4-14

PART NO.	QTY.	SIZE
NS4-3	10	3/16"
NS4-4	25	1/4"
NS4-4-CS	1000	1/4"
NS4-5	10	5/16"
NS4-6	25	3/8"
NS4-6-CS	500	3/8"
NS4-8	25	1/2"
NS4-8-CS	350	1/2"
NS4-10	10	5/8"
NS4-10-CS	200	5/8"
NS4-12	5	3/4"
NS4-12-CS	100	3/4"
NS4-14	2	7/8"

Frost-Proof Forged Nut







	_	
PART NO.	QTY.	SIZE
NST4-4	5	1/4"
NST4-6	5	3/8"
NST4-8	10	1/2"
NST4-10	2	5/8"

Reducing Nut





PART NO.	QTY.	SIZE
NRS4-43	5	1/4" x 3/16"
NRS4-54	5	5/16" x 1/4"
NRS4-64	10	3/8" x 1/4"
NRS4-65	10	3/8" x 5/16"
NRS4-86	10	1/2" x 3/8"
NRS4-108	5	5/8" x 1/2"
NRS4-1210	2	3/4" x 5/8"

Flare Plug

Made in the USA



PART NO.	QTY.	SIZE
P2-3	5	3/16"
P2-4	10	1/4"
P2-5	5	5/16"
P2-6	10	3/8"
P2-8	10	1/2"
P2-10	5	5/8"
P2-12	2	3/4"

Flare Tee

Made in the USA

TR2-446

Reducing Flare Tee

Made in the USA

PART NO QTY. SIZE T2-3 5 3/16" T2-4 10 1/4" 5/16" T2-5 5 T2-6 10 3/8" T2-8 5 1/2" T2-10 2 5/8" T2-12 2 3/4"

T2-12

PART NO.	QTY.	SIZE
TR2-446	5	1/4" x 1/4" x 3/8"
TR2-664	5	3/8" x 3/8" x 1/4"
TR2-668	2	3/8" x 3/8" x 1/2"
TR2-886	2	1/2" x 1/2" x 3/8"

Recovery

Climate Class

Digital Gauges

Leak Digital Detection Manifolds

Manifolds/ s Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Flare x Male

	• Made in the USA				
	U1-12E				
	PART NO.	QTY.	SIZE		
ſ	U1-3A	5	3/16" x 1/8"		
ľ	U1-3B	5	3/16" x 1/4"		
ľ	U1-4A	25	1/4" x 1/8"		
ľ	U1-4B	25	1/4" x 1/4"		
ľ	U1-4C	10	1/4" x 3/8"		
ľ	U1-4D	10	1/4" x 1/2"		
Ī	U1-5A	5	5/16" x 1/8"		
ľ	U1-5B	5	5/16" x 1/4"		
ľ	U1-5C	5	5/16" x 3/8"		
	U1-6A	10	3/8" x 1/8"		
ľ	U1-6B	10	3/8" x 1/4"		
ľ	U1-6C	10	3/8" x 3/8"		
	U1-6D	10	3/8" x 1/2"		
	U1-6E	5	3/8" x 3/4"		
	U1-8A	2	1/2" x 1/8"		
	U1-8B	5	1/2" x 1/4"		
	U1-8C	10	1/2" x 3/8"		
	U1-8D	10	1/2" x 1/2"		
	U1-8E	5	1/2" x 3/4"		
	U1-10B	5	5/8" x 1/4"		
	U1-10C	5	5/8" x 3/8"		
	U1-10D	10	5/8" x 1/2"		
	U1-10E	5	5/8" x 3/4"		
	U1-12C	2	3/4" x 3/8"		

Flare x **Female Pipe Adapter**

Made in the USA



U3-10E

PART NO.	QTY.	SIZE
U3-2A	5	1/8" x 1/8"
U3-3A	5	3/16" x 1/8"
U3-4A	10	1/4" x 1/8"
U3-4B	10	1/4" x 1/4"
U3-4C	5	1/4" x 3/8"
U3-5A	5	5/16" x 1/8"
U3-5B	5	5/16" x 1/4"
U3-6A	5	3/8" x 1/8"
U3-6B	5	3/8" x 1/4"
U3-6C	5	3/8" x 3/8"
U3-6D	5	3/8" x 1/2"
U3-8B	5	1/2" x 1/4"
U3-8C	5	1/2" x 3/8"
U3-8D	5	1/2" x 1/2"
U3-8E	2	1/2" x 3/4"
U3-10C	5	5/8" x 3/8"
U3-10D	5	5/8" x 1/2"
U3-10E	2	5/8" x 3/4"

Flare x

Solder Adapter

• Furnished with copper gasket

Made in the USA



PART NO.	QTY.	SIZE
US3-44	10	1/4" x 1/4"
US3-45	5	1/4" x 5/16"
US3-46	5	1/4" x 3/8"
US3-64	5	3/8" x 1/4"
US3-65	5	3/8" x 5/16"
US3-66	10	3/8" x 3/8"
US3-68	5	3/8" x 1/2"
US3-610	5	3/8" x 5/8"
US3-86	2	1/2" x 3/8"
US3-88	5	1/2" x 1/2"
US3-810	2	1/2" x 5/8"
US3-108	2	5/8" x 1/2"
US3-1010	5	5/8" x 5/8"
US3-1012	2	5/8" x 3/4"
US3-1212	5	3/4" x 3/4"
US3-1214	2	3/4" x 7/8"

Flare x Male Pipe x **Flare Tee** Made in the USA

2

2

2

U1-12D

U1-12E

U1-14E

PART NO.

3/4" x 1/2"

3/4" x 3/4"

7/8" x 3/4"

T3-4A QTY. SIZE 1/4" x 1/8" x 1/4" 5

T3-4A	5	1/4" x 1/8" x 1/4"
T3-4B	5	1/4" x 1/4" x 1/4"
T3-5B	2	5/16" x 1/4" x 5/16"
T3-6B	5	3/8" x 1/4" x 3/8"
T3-6C	2	3/8" x 3/8" x 3/8"
T3-6D	2	3/8" x 1/2" x 3/8"
T3-8C	2	1/2" x 3/8" x 1/2"
T3-8D	2	1/2" x 1/2" x 1/2"
T3-10D	2	5/8" x 1/2" x 5/8"

Flare x Flare x Female Flare Tee Made in the USA



T6-4

Finger Tight Flare Cap

Made in the USA



NFT5-4

PART NO.	QTY.	SIZE
NFT5-4-101	1000	1/4"
NFT5-6-101	500	3/8"

PART NO. QTY. SIZE 2 1/4"

T6-4

Index/ Contacts

Warranty/ Automotive/ Repair LA-CO

Brass Fittings



PART NU.	QIY.	SIZE
U2-2	5	1/8"
U2-3	5	3/16"
U2-4	25	1/4"
U2-5	10	5/16"
U2-6	25	3/8"
U2-8	10	1/2"
U2-10	10	5/8"
U2-12	2	3/4"
U2-14	2	7/8"

Female Flare x Female Flare Connector

• Includes two copper gaskets

Made in the USA



U4-12

PART NO.	QTY.	SIZE
UR2-43	5	1/4" x 3/16"
UR2-54	5	5/16" x 1/4"
UR2-64	10	3/8" x 1/4"
UR2-65	5	3/8" x 5/16"
UR2-84	5	1/2" x 1/4"
UR2-86	10	1/2" x 3/8"
UR2-106	5	5/8" x 3/8"
UR2-108	5	5/8" x 1/2"
UR2-128	2	3/4" x 1/2"
UR2-1210	2	3/4" x 5/8"

Female SAE Flare x Female Pipe Thread

• Made in the USA

UR3-46 10 1/4" x 3/8" UR3-48 5 1/4" x 1/2" UR3-64 20 3/8" x 1/4" UR3-68 3/8" x 1/2" 10 UR3-84 10 1/2" x 1/4" UR3-86 10 1/2" x 3/8" UR3-810 10 1/2" x 5/8" UR3-108 5 5/8" x 1/2" UR3-1012 2 5/8" x 3/4" UR3-1210 3/4" x 5/8" 2

Swivel Female Flare Connector

Made in the USA



U6-4B



US4-10

PART NO.	QTY.	SIZE
U4-4	10	1/4"
U4-6	10	3/8"
U4-8	2	1/2"
U4-10	2	5/8"
U4-12	2	3/4"

PART NO.	QTY.	SIZE
U6-4A	2	1/4" x 1/8"
U6-4B	2	1/4" x 1/4"

PART NO.	QTY.	SIZE
US4-4	10	1/4"
US4-5	5	5/16"
US4-6	10	3/8"
US4-8	10	1/2"
US4-10	5	5/8"

Scales

Hoses

Mini-Split Tool Kits

SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

Brass Fittings

Brass Fittings
Brass
Pipe Fittings
American-made forged brass pipe
fittings manufactured from CA 377
and threaded to Dry Seal Taper Pip

fittings manufactured from CA 377 alloy and threaded to Dry Seal Taper Pipe Standards to comply with SAE, ASA, ASME, and MS Standards.

Forgings can be used to pressures of 5,000 psi depending on size, material, and conditions.

- Vibration-resistant
- Low cost
- Easy assembly

Recommended for use with a compatible thread sealant and tightened 2-1/2 full turns past hand tight; over-tightening and dirt can damage fittings.

NOMINAL PIPE SIZE THREADS				
NOM. PIPE	THD. / IN.	NOM. PIPE	THD. / IN.	
1/16"	27	2"	11.5	
1/8"	27	2-1/2"	8	
1/4"	18	3"	8	
3/8"	18	3-1/2"	8	
1/2"	14	4"	8	
3/4"	14	5"	8	
1"	11.5	6"	8	
1-1/4"	11.5	8"	8	
1-1/2"	11.5	—		

Extra Long Flare x Male Pipe Adapter

Made in the USA



UX1-4B

PART NO.	QTY.	SIZE
UX1-4A	2	1/4" x 1/8"
UX1-4B	5	1/4" x 1/4"

• Made in the USA



113-D35

	OTV	0175
PART NO.	QTY.	SIZE
113-A15	5	1/8" x 1-1/2"
113-A2	5	1/8" x 2"
113-A25	5	1/8" x 2-1/2"
113-A3	5	1/8" x 3"
113-A35	5	1/8" x 3-1/2"
113-B15	5	1/4" x 1-1/2"
113-B2	5	1/4" x 2"
113-B25	5	1/4" x 2 -1/2"
113-B3	5	1/4" x 3"
113-B35	5	1/4" x 3-1/2"
113-C15	5	3/8" x 1- 1/2"
113-C2	5	3/8" x 2"
113-C25	5	3/8" x 2 -1/2"
113-C3	5	3/8" x 3"
113-D15	5	1/2" x 1-1/2"
113-D2	5	1/2" x 2"
113-D25	5	1/2" x 2-1/2"
113-D3	2	1/2" x 3"
113-D35	2	1/2" x 3-1/2"

Extra Long Flare Union

Made in the USA



UX2-4



Hex Nipple (U10)

Made in the USA



PART NO.	QTY.	SIZE
122-A	5	1/8"
122-B	10	1/4"
122-C	5	3/8"
122-D	5	1/2"
122-E	5	3/4"

Close Nipple

Made in the USA



112-B

PART NO.	QTY.	SIZE
112-A	5	1/8"
112-B	10	1/4"
112-C	5	3/8"
112-D	5	1/2"
112-E	5	3/4"

Female SAE Flare x Male Pipe Thread

• Includes copper seal gasket

Made in the USA



U5-4B

PART NO.	QTY.	SIZE
U5-4A	5	1/4" x 1/8"
U5-4B	10	1/4" x 1/4"
U5-6B	5	3/8" x 1/4"
U5-8C	2	1/2" x 3/8"
U5-8D	2	1/2" x 1/2"

Scales

Hoses

Mini-Split Tool Kits

CoreMax SHIELD

Access Valves

Brass Fittings

Warranty/ Automotive/ Capillary Just Better Ball Repair LA-CO Tubing Tools Valves





100-E

PART NO.	QTY.	SIZE
100-A	5	1/8"
100-B	5	1/4"
100-C	5	3/8"
100-D	2	1/2"
100-E	2	3/4"

Coupling PC

Made in the USA



103-E

PART NO.	QTY.	SIZE
103-A	5	1/8"
103-B	10	1/4"
103-C	5	3/8"
103-D	5	1/2"
103-E	5	3/4"

Compression Break-Off Sleeve **Pilot Nut**

Made in the USA



81LB-4

PART NO.	QTY.	SIZE
81LB-4	10	1/4"



116-D

PART NO.	QTY.	SIZE
116-A	5	1/8" Forged
116-B	5	1/4" Forged
116-C	5	3/8" Forged
116-D	2	1/2" Forged



Tee

101-E

PART NO.	QTY.	SIZE
101-A	5	1/8"
101-B	10	1/4"
101-C	5	3/8"
101-D	2	1/2"
101-E	2	3/4"

Hex Head Plug (P3)

Made in the USA



121-C

PART NO.	QTY.	SIZE
121-A	10	1/8"
121-B	10	1/4"
121-C	5	3/8"
121-D	5	1/2"
121-E	5	3/4"
121-F	2	1"

One-way NEW **Check Valve**

- 1/4" x 1/4" Flare
- · Self centering seal design
- O-ring soft seat / metal back -up seal
- Zero leakage
- 1/3 psi cracking pressure
- Maximum Pressure 1500 psig
- Temperature -40 to 300 F
- Made in the USA



PART NO.	QTY.	SIZE
U2-4CHK	1	1/4" x 1/4" Flare Valve

Hex Brushing (R1)

Made in the USA



110-EA

		<u></u>
PART NO.	QTY.	SIZE
110-BA	10	1/4" x 1/8"
110-CA	5	3/8" x 1/8"
110-CB	10	3/8" x 1/4"
110-DA	5	1/2" x 1/8"
110-DB	10	1/2" x 1/4"
110-DC	10	1/2" x 3/8"
110-EA	2	3/4" x 1/8"
110-EB	5	3/4" x 1/4"
110-EC	5	3/4" x 3/8"
110-ED	5	3/4" x 1/2"
110-FD	2	1" x 1/2"
110-FE	2	1" x 3/4"

New

Full Flow Refrigeration Ball Valves

Large port design that provides a minimum pressure drop with straight through flow. Copper end fittings reduce installation time without disturbing valve. Two types of ball valves to suit your needs—traditional refrigerant ball valves with brass actuators and a working pressure rating of 500 psi, and E-Line ball valves featuring stainless steel actuators and a working pressure rating of 700 psi.



Shutoff Ball Valves

- Straight through flow design has no restriction
- Quarter-turn and valve is fully open or closed
- Made in the USA

Needle Ball Valves

- · Resistant to gasoline, oils, and water
- Metal-to-metal seating provides ease in shutoff
- Working pressures of 105 psi

E-Line Actuator Retrofit Caps

For the replacement of existing caps on installed valves. Secures the cap assembly to valve neck, allowing the center post to easily turn for on/ off operation. Utilizes a Teflon® o-ring stem seal and base seal to assure a positive seal offsetting any stem packing leak.



V34-RC33





V34900

PART NO.	DESCRIPTION
V34900	1/8" Female NPT x 1/8" Female NPT
V34901	1/4" SAE x 1/8" NPT
V34905	1/4" SAE x 1/4" NPT
V34910	3/8" Female NPT x 3/8" Female NPT

PART NO.	DESCRIPTION
NV62-4	1/4" COMP x 1/4" COMP

NV62-4

PART NO.	DESCRIPTION
V34-RC33	2-1/8" - 3-1/8" Ball valve retrofit cap
V34-RC19	1-3/8" - 1-5/8" Ball valve retrofit cap
V34-RC12	3/4" - 1-1/8" Ball valve retrofit cap
V34-RC4	1/4" - 5/8" Ball valve retrofit cap

E-Line Actuators Refrigerant Ball Valves • Pressure rated to 500 psi • Pressure rated to 700 psi · Bolted or screwed bonnets or flanges · Bolted or screwed bonnets or flanges • UL Listed 32DC • Up to +500°F working temperature at 0 psi • Up to +300°F working temperature at 500 psi • Registered to ISO 9001 • UL Listed 57R7 Made in the USA V34307 V34202 V34507 V34400

PART NO. WITHOUT PORT	Part no. With Port	ID Fig 1: 6	FIG 1: 1	FIG 1: 2	FIG 1: 3	FIG 1: 4	FIG 1: 5
V34200	V34400	3/8"	3.18"	6.09"	0.30"	1.55"	3/8"
V34201	V34401	1/2"	3.18"	6.09"	0.45"	1.55"	3/8"
V34202	V34402	5/8"	3.43"	6.59"	0.50"	1.55"	1/2"
V34203	_	3/4"	3.45"	7.27"	0.69"	1.89"	3/4"
V34204	V34404	7/8"	3.69"	7.07"	0.75"	1.83"	3/4"
V34206	V34406	1-1/8"	4.20"	8"	1"	2.01"	2-9/32"
V34207	V34407	1-3/8"	4.54"	8.63"	1.25"	2.61"	3-1/32"
V34208	V34408	1-5/8"	4.47"	8.85"	1.50"	2.79"	1-3/32"
V34209	V34409	2-1/8"	4.84"	9.59"	2"	3.17"	1-11/32"
V34210	_	2-1/8"	5"	10"	2.43"	3.90"	1-31/64"
V34211	_	3-1/8"	7"	14"	2.50"	3.90"	1-43/64"

PART NO. WITHOUT PORT	Part no. With Port	ID Fig 1:6	FIG 1: 1	FIG 1: 2	FIG 1: 3	FIG 1: 4	FIG 1: 5
V34350	V34525	1/4"	3.25"	6.5"	0.50"	1.51"	3/8"
V34300	V34500	3/8"	3.18"	6.09"	0.30"	1.55"	3/8"
V34301	V34501	1/2"	3.18"	6.09"	0.45"	1.55"	3/8"
V34302	V34502	5/8"	3.43"	6.59"	0.50"	1.55"	1/2"
V34303	V34503	3/4"	3.45"	7.27"	0.69"	1.89"	3/4"
V34304	V34504	7/8"	3.69"	7.07"	0.75"	1.83"	3/4"
V34306	V34506	1-1/8"	4.20"	8"	1"	2.01"	2-9/32"
V34307	V34507	1-3/8"	4.54"	8.63"	1.25"	2.61"	3-1/32"
V34308	V34508	1-5/8"	4.47"	8.85"	1.50"	2.79"	1-3/32"
V34309	V34509	2-1/8"	4.84"	9.59"	2"	3.17"	1-11/32"
V34310	V34510	2-5/8"	5"	10"	2.43"	3.90"	1-31/64"
V34311	V34511	3-1/8"	7"	14"	2.50"	3.90"	1-43/64"

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair Index/ Contacts



JUST BETTER TOOLS for HVAC/R industry professionals

High quality JUST BETTER TOOLS feature superior craftsmanship for dependable performance, reliability, and durability you can count on—from the brand you trust.

The full line of heavy-duty, high-performance tools and accessories from JB Industries ensures your tool kit has everything you need to get the job done.

Large and small planogram options available for quick and easy displays. Tool literature can be downloaded at jbind.com. Contact customer service for more information.

JUST BETTER SINCE 1967—JB Industries is dedicated to providing quality and innovative tools to satisfy customer needs and serve the HVAC industry.

Professional Tube Cutters

- For use with copper, brass, and aluminum
- Retractable deburrer blade and a spare cutter wheel in the handle
- Easy-to-turn knob for quick adjustment



PART NO. ΟΤΥ RT70027 1/4" to 1-3/8" OD copper, brass, and aluminum pipe 1 RT70029 1 1/4" to 1-5/8" OD copper, brass, and aluminum pipe Replacement deburring blade RT21652 1 RT21652B 10 Replacement deburring blades RT70017B 2 Replacement cutter wheel RT70017D 5 Replacement cutter wheel RT70056D 5 Replacement cutter wheel for stainless steel

Mini Tube Cutters

- For use with copper
- Large knurled knob for fatigue-free pressure control





RT70401

RT70015

PART NO.	QTY.	DESCRIPTION
RT70401	1	Copper Mini-Cut Pro 1/8" to 5/8" OD
RT70402	1	Copper Mini-Pro 1/4" to 7/8" OD
RT70105	1	Copper Mini-Pro 1/8" to 7/8" OD
RT70015	1	Copper Mini-Max 1/8" to 1-1/8" OD
RT70017B	2	Replacement cutter wheel
RT70017D	5	Replacement cutter wheel
RT70041	1	Replacement axle screw/pin

Rotrac Plus Tube Cutters

- For use with copper
- Smooth-running telescopic action for consistent working radius
- Protected screw spindle to shield against dirt and jamming
- Includes three spare cutter wheels; storage in handle



RT70020

RT70021

PART NO.	OTY.	DESCRIPTION
RT70020	1	Copper tube 1/8" to 1-1/8" OD
RT70021	1	Copper tube 1/4" to 1-5/8" OD
RT70007B	2	Replacement cutter wheel
RT70007X	10	Replacement cutter wheel
RT99016	1	Replacement clip and axle

Ratchet Tube Cutter

- For use with copper, brass, aluminum, thin-walled steel and plastic coated tubes
- Telescopic guide; automatic spring-driven withdrawal
- Retractable internal deburring tool
- Spare cutter wheel in handle



PART NO.	QTY.	DESCRIPTION
RT70030	1	1/4" to 2-5/8" OD
RT70142	1	2" to 5" OD
RT70017B	2	RT70030 Replacement wheel
RT70017D	5	RT70030 Replacement wheel
RT70057D	2	RT70142 Replacement wheel
RT21652	1	Replacement deburring blade
RT21652B	10	Replacement deburring blades
RT75007	1	Replacement pin and axle

Pipe Shears

- For use with PVC, PP, PE, PEX, PB, CPVC, and PVDF
- Quick-release lever
- Double-sided stainless steel blade with v-shaped edges
- Locking lever



PART NO.	QTY.	DESCRIPTION
RT52000	1	Max. OD 1-5/8", Schedule 40 PVC 1-1/4"
RT52010	1	Max. OD 2", Schedule 40 PVC 1-1/2"
RT52011	1	Replacement blade for RT52010
RT52030	1	ROCUT _® 63TC, Max. OD 2-1/2"
RT52042	1	Replacement blade for RT52000

SM-18 Solenoid Valve Operating Magnet

- Designed to convert electrically operated solenoid valves into hand-operated valves to enable service engineers to operate valves manually
- Operates by magnetically lifting the stem assembly and plunger to actuate the valve during service.
- Use this solenoid service magnet to test, troubleshoot, or manually activate and control a direct connected or pilot operated 2-way solenoid, 3-way reclaim or 4-way reversing valve
- Can be used to hold a solenoid valve open during recovery and evacuation
- Can be used in place of the powerhead on a hot water oil shutoff valve to eliminate the need to wait for the delay on open
- Can be used to temporarily replace faulty coil to open solenoid valve
- Can be used to turn the power on or replace faulty solenoid
- Handy pocket size
- Easy to use and time-saving
- Permanent magnet molded in ABS plastic
- Safe design fits all makes of solenoid valves
- 18mm





New

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Leak Detection

Digital Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Bett Tools

Aluminum Pipe Wrench



Slim Profile Adjustable Wrench

- Slim profile; Extra-wide jaw opening
- Designed for TXV/TEV Valves, motor mounts, gas lines, pumps, and more
- 40% slimmer Jaw allows for greater capacity and range of motion in tight spaces
- Extremely strong and durable for years of use
- Comfortable cushion grip handle



PART NO.	DESCRIPTION
RT70170	6" Adjustable wrench
RT70171	8" Adjustable wrench

PART NO.	DESCRIPTION
RT70159	10" Aluminum pipe wrench
RT70160	14" Aluminum pipe wrench
RT70161	18" Aluminum pipe wrench

Water Pump Pliers

- Ideal for hard to reach places
- Heavy-duty, slip-proof with self-clamping jaws

Rolock Pliers

- Professional-grade jaw locking system
- Groove opening positions up to 2-1/3"

Machine Grooved Joint Pliers



7" Rolock

10" Rolock

PART NO

RT70531

RT70532

DESCRIPTION





PART NO.	DESCRIPTION
RT70521	7" Pliers Max. 1" OD
RT70522	10" Pliers Max. 1-1/4" OD
RT70523	12" Pliers Max. 1-1/4" OD

Capillary Tuhing	hiinni
Automotive/	
Warranty/ Bensir	
Index /	CUIILAUIS
66	

Service Wrenches

- Double-end reversible
- Available in offset, hex, and square ends
- Made in the USA



Torque Wrench Kit

• Torque range of 7.375 - 59.004 lb-ft or 10-80 Nm with a 1/2" DR ratchet head

- Imperial Spanner Heads
- For use with TRQ1080 torque wrench







T21128U

PART NO.	DESCRIPTION
T21124U	3/16", 1/4" square x 1/2", 9/16" hex port
T21125U	3/8" Square end and 1/2" square end
T21126U	Offset 1/4", 3/16" x 3/8", 5/16"
T21127U	1/4", 3/16" x 3/8", 5/16" on other end
T21128U	1/8" End Sporlan Wrench

Minibend_® Tube Bender

- For use with soft copper, brass, aluminum, and precision steel
- Precise bending up to 180° 1/4", 5/16", and 3/8" OD



Hand Tube Bender

- For use with soft copper, aluminum, and light grade stainless steel tubing
- Universal tool for bending of 1/2", 5/8", 3/4", and 7/8" OD

PART NO.	DESCRIPTION
TRQ-IMP	Imperial spanner heads; four spanner heads: 5/8", 13/16", 15/16", 1-1/8"

Standard Tube Bender Pro

- For use with 1/2" and 3/4" soft copper, aluminum, and precision steel
- Precise bending radius up to 180°
- Clamping mechanism



PART NO.	DESCRIPTION
RT25140	1/4" OD radius (0.71")
RT25131	5/16" OD radius (0.95")
RT25913	Tube Bender Pro 1/2" OD radius
RT25914	Tube Bender Pro 3/4" OD radius
RT25142	1/2" OD radius
RT25136	5/8" OD radius (2.28")



 PART NO.
 DESCRIPTION

 RT25151
 Minibend® tube bender

PART NO.DESCRIPTIONRT90614Hand tube bender

New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Leak Detection

Digital Manifolds

Ball Valves

Spring Tube Benders

- For use with soft copper, aluminum, brass, and steel
- Made in the USA



	SPRING TUBE BEND	
PART NO.		RIPTION
BS-55	1/4", 5/16", 3/8", 1/2", 5/8"	in pouch
BS-77	1/4", 5/16", 3/8", 7/16", 1/2	", 5/8", 3/4", 7/8" in pouch
	SINGLE SPRING TUBE	BENDERS
PART NO.	TUBE OD	NOM
BS-4	1/4"	1/8"
BS-5	5/16"	_
BS-6	3/8"	1/4"
BS-7	7/16"	_
BS-8	1/2"	3/8"
BS-10	5/8"	1/2"
BS-12	3/4"	5/8"
BS-14	7/8"	3/4"

Ratcheting Flare Tool



PART NO.	DESCRIPTION
T20195	3/16", 1/4", 5/16", 3/8", 7/16" OD (Nom: 1/8", 1/4", 3/8", and 1/2")
T20203	5/8", 3/4", 7/8", and 1-1/8" OD
T20500	3/16", 1/4", 5/16", 3/8", 1/2", 5/8" OD

Maxi Tube Bender Set

- For use on copper and soft aluminum 3/8", 1/2", 5/8", 3/4", and 7/8" OD
- Smooth-running feed lever ideal in tight spaces
- Single-handed operation
- Quick-release side lever
- Includes tool, bending support, bending formers and case



DESCRIPTION

Flare Tool

Maxi tube bender set for use on copper and soft aluminum 3/8", 1/2", 5/8", 3/4", and 7/8" OD

45° Flare Tool





PART NO.	DESCRIPTION
	45° Flare tool; flares 3/16", 1/4", 5/16", 3/8", 1/2", and 5/8"

45° Flare Tool



PART NO.	DESCRIPTION
RT222402	Flares: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" OD

PART NO.

RT23022





PART NO.	DESCRIPTION
T30600	Flares: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" OD

PART NO.	DESCRIPTION
RT222601	Flare tool; adjustable from 3/16" to 5/8" OD

45° Flare/Swage

- · Heavy-duty, wide range bar type flaring tool
- · Centering yoke with hardened chrome plated and swivel-type cone

Tube Expander Kit

- High strength, forged aluminum body for lower weight and easy handling
- Automatic retractable pin guide



PART NO.	DESCRIPTION
	Flare: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 3/4"
T20275	Nominal Flare: 1/8", 1/4", 1/2", 5/8"
T20275	Swage: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
	Nominal Swage: 1/8", 1/4", 3/8", 1/2", 5/8"

Hex Key Adapter

- For use with 3/16" and 5/16" hex valves
- Made in the USA





Steel Strap

- Zinc plated with alternating 1/8" and 1/4" nail and bolt holes
- Made in the USA





PS-10

10' (3m) Steel strap

25' (7.6m) Steel strap

50' (15m) Steel strap

100' (30.5m) Steel strap

DESCRIPTION

PART NO.	DESCRIPTION
T2-HKA	Hex key adapter

PRODUCT CAT	TALOG 54	800.323.0811	SALES@JBIND.COM		
		 000102010011	0.1220.000.000.000.00		

PART NO

PS-10

PS-25

PS-50

PS-100

Metal Flare Size Gauge

- Designed to measure all flares to provide superior seal tightness against flare fittings, a must for every toolbox.
- Made in the USA



PART NO.	DESCRIPTION
T30600-G	Metal Flare Size Gauge; 1/4", 3/8", 1/2", 5/8", 3/4" SAE 6.4mm, 9.5mm, 12.7mm, 15.9mm, 19.1mm)

Oil Transfer Pump

- Pumps oil into the system without shutting down for charging
- Universal tapered rubber adapter fits all 1, 2.5, and 5-gallon containers
- Works against 200 psi of pressure
- Compatible with all oil types

PART NO

T30251

• Pumps 2.6 ounces (78ml) per stroke

DESCRIPTION

Oil transfer pump



New

Vacuum Pumps

Recovery

Climate Class

Digital Gauges

Leak Detection

Digital Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Swaging Kit

- · For use with copper, brass, aluminum, and steel tubes
- Includes flaring tool, 45° cone, expander pin, internal/external deburrer, tube cutter, and plastic case



DESCRIPTION

Swaging kit; 3/16", 1/4", 5/16", 3/8", 1/2", 5/8"

Single Size Swage Tools

Multi-Swage

Made in the USA



PART NO.	DESCRIPTION
T21000	Multi-swage Tool Set; 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4", 7/8" OD. 1/8", 1/4", 3/8", 1/2", 5/8", 3/4" Nom.

Multi-Swage

Made in the USA



1	PART NO.	DESCRIPTION
	T20095	Multi-swage Tool; 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" OD

Hex Key Sets

Made in the USA



PART NO.	DESCRIPTION
T30605	Metric (2-8mm) and Imperial (5/64" - 1/4") hex key sets

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS

PART NO.

RT26715

Made in the USA







PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

Capillary Tubing

New Vacuum Pumps Recovery Climate Class Digital Gauges Digital Leak Manifolds Detection Manifolds/ Gauges Scales Hoses Mini-Split Tool Kits SHIELD CoreMax Access Valves **Brass** Fittings Ball Valves Just Better Tools Warranty/ Automotive/ Capillary Repair LA-CO Tubing Index / Contacts

Capillary Tubing

- Cut from 100' (30.5m) sealed and dehydrated tube
- Boxed with conversion and application charts
- Available in cartons of 10; add suffix -101 to part number
- Made in the USA



TC-26-16

SHORT COIL	100' COILS	DESCRIPTION
TC-26-16	TC-26-100	0.026 ID x 0.072 OD x 16'
TC-31-12	TC-31-100	0.031 ID x 0.083 OD x 12'
TC-36-12	TC-36-100	0.036 ID x 0.087 OD x 12'
TC-42-12	TC-42-100	0.042 ID x 0.093 OD x 12'
TC-44-12	TC-44-100	0.044 ID x 0.109 OD x 12'
TC-49-11	TC-49-100	0.049 ID x 0.099 OD x 11'
TC-50-11	TC-50-100	0.050 ID x 0.114 OD x 11'
TC-54-11	TC-54-100	0.054 ID x 0.106 OD x 11'
TC-55-11	TC-55-100	0.055 ID x 0.125 OD x 11'
TC-59-10	TC-59-100	0.059 ID x 0.112 OD x 10'
TC-64-10	TC-64-100	0.064 ID x 0.125 OD x 10'
TC-70-12	TC-70-100	0.070 ID x 0.125 OD x 12'
TC-75-9	TC-75-100	0.075 ID x 0.125 OD x 9'
TC-80-10	TC-80-100	0.080 ID x 0.145 OD x 10'
TC-85-9	TC-85-100	0.085 ID x 0.145 OD x 9'
TC-90-7	TC-90-100	0.090 ID x 0.145 OD x 7'
TC-100-10	TC-100-100	0.100 ID x 0.156 OD x 10'

Cap Tube Gauge and File

- Specially designed file to cut and open tubes
 ID sizes 0.026 to 0.090 units and OD sizes 0.072" to 7/16" (5 to 12mm)
- Made in the USA

Cap Tube Cutting Tool

• Sturdy cap tube cutter—no collapsing of the tube, no chips, and clean cuts

Acid Brushes

• Ideal for thread sealant, flux, and paste solders



PART NO.	DESCRIPTION
A10971	Cap tube gauge and file in pouch
A10972	Cap tube file



PART NO.	DESCRIPTION
C33804	1/4" Flux brush (12 pack)
C33808	1/2" Flux brush (10 pack)
C33808-CTN	1/2" Flux brush (144 bulk)
Capillary Tubing

New Vacuum Recovery Climate Digital Leak Digital Pumps Recovery Class Gauges Detection Manifolds

Manifolds/ Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

Capillary Tubing Length Conversion Chart

It is recommended that conversions be made using factors within the unshaded area.

- 1. Locate recommended Cap Tube ID in left hand column
- 2. Read across and find conversion factor under Cap Tube ID Size
- 3. Multiply the given length of the recommended cap tube by the conversion factor
- 4. The resulting length (min. 5ft/max.16ft) of copper cap tube will give the same flow characteristics as the original recommended cap tube

Example:

Recommended cap tube: 9'-.040 ID Locate .040 in left hand column. Read across the recommended conversion:

Part No. TC-36 = .62, Part No. TC-42 = 1.25

Multiply the recommended cap tube length of 9' by the conversion factor:

Part No. TC-36 = 9' x .62 = 5.58"

Part No. TC-42 = 9' x 1.25 = 11.25"

Either of these cap tubes will give the same results as the original cap tube

	PART NO.																
CAP TUBE ID	TC-26 (.026)	TC-31 (.031)	TC-36 (.036)	TC-42 (.042)	TC-44 (.044)	TC-49 (.049)	TC-50 (.050)	TC-54 (.054)	TC-55 (.055)	TC-59 (.059)	TC-64 (.064)	TC-70 (.070)	TC-75 (.075)	TC-80 (.080)	TC-85 (.085)	TC-90 (.090)	TC-100 (.100)
.024	1.44																
.025	1.20																
.026	1.00	2.24															
.028	.72	1.59															
.030	.52	1.16															
.031	.45	1.00	2.00														
.032		.86	1.75														
.033		.75	1.54														
.034		.65	1.35														
.035		.58	1.16	2.31													
.036		.50	1.00	2.10	0.00												
.037		.45	.90	1.79	2.22												
.038		.39	.80	1.59	1.92												
.039		.35	.71	1.41	1.75	0.51											
.040		.31 .28	.62	1.25	1.55	2.51	2.50										
.041 .042		.20	.56 .50	1.12 1.00	1.38 1.24	2.26 2.03	2.50 2.23										
.042		.23	.45	.87	1.24	2.03	2.23										
.043		.23	.45	.81	1.00	1.62	1.90										
.044		.20	.39	.01	.90	1.02	1.60	2.32									
.045			.30	.73	.90	1.47	1.00	2.08	2.27								
.040			.32	.07	.02	1.34	1.47	1.89	2.27								
.047				.55	.67	1.10	1.20	1.03	1.87								
.040				.49	.61	1.00	1.09	1.55	1.69								
.050				.45	.56	.91	1.00	1.43	1.56	2.14							
.051				.41	.51	.84	.93	1.31	1.44	1.96							
.052					.47	.76	.85	1.19	1.32	1.78							
.053					.43	.69	.78	1.09	1.20	1.64							
.054					.39	.65	.70	1.00	1.09	1.52	2.18						
.055					.36	.59	.64	.92	1.00	1.38	2.00						
.056						.54	.60	.85	.94	1.27	1.85						
.057						.50	.55	.79	.87	1.17	1.72						
.058						.46	.51	.73	.80	1.07	1.56						
.059						.42	.47	.67	.73	1.00	1.44	2.18					
.060						.39	.43	.62	.67	.93	1.33	2.04					
.064							.32	.47	.50	.69	1.00	1.50	2.07				
.070								.30	.33	.46	.67	1.00	1.37	1.84			
.075											.48	.73	1.00	1.37	1.75		
.080												.54	.74	1.00	1.32	1.71	
.085													.57	.76	1.00	1.29	
.090													.43	.62	.76	1.00	1.62
.095														.46	.60	.79	1.27
.100															.48	.62	1.00
.105																.49	.80
.110																	.65
.115																	.53
.120																	.43

Automotive

R134a Automotive Couplers

- Quick connect/disconnect valve actuation without refrigerant venting
- · Safety sleeve holds coupler securely to service port
- Color-coded knobs
- Made in the USA

R134a Automotive Quick Adapter

- Retrofit existing SAE flare fitting for R134a auto service
- Made in the USA



QC-13445-134a

QC-S4A-134a

PA	RT NO.	DESCRIPTION
AC-1	13430	High side 90° snap coupler x 14 mm
AC-1	13435	Low side 90° snap coupler x 14 mm
AC-1	15530	High side 90° snap coupler x 1/4" SAE
AC-1	15535	Low side 90° snap coupler x 1/4" SAE

PART NO.	QC GASKET	DESCRIPTION
QC-S4A-134A	P509	1/4" QC x 1/2" male ACME thread
QC-13445-134A	P510	1/2" ACME QC x 1/4" male flare

1/2" ACME **Thread Half Union**

AC-13430

Made in the USA

Automotive Oil Tap Tube

AC-15530

- Reduces motor burnout by simplifying acid tests
- Can be left in place for future tests and oil changes
- Made in the USA

1/2" ACME **Service Valve**

- 1/2" ACME x 1/8" NPTF with cap
- Made in the USA



PART NO. A33600





AF-13457

PART NO.	DESCRIPTION
AF-13450	1/8" NPTF
AF-13451	1/4" NPTF
AF-13452	3/8" NPTF
AF-13455	1/4" Female SAE
AF-13457	3/8" Female SAE



DESCRIPTION

Automotive oil tap tube



PART NO.	DESCRIPTION
AF-13550	1/2" Acme service valve

Cool Gel[™] **Heat Barrier Spray** Prevents heat damage during soldering, brazing, and welding • Safe, non-toxic, and odorless Made in the USA

RCD. Heat Barrier Spra

DESCRIPTION

Cool Gel[™] 1 quart bottles

PART NO

LP das

11509

OTY

12

• For use with water, steam, air, natural gas, and

Sealing temperature to 350°F (177°C)

and 350 psi (24 bar) for gases

• Pressures to 2,000 psi (136 bar) for liquids

Pipetite-Stik®

· Non-toxic and lead-free

Made in the USA

Bloc-It ®	
Heat Absorbing Paste	

- Protects against damage caused by heat from soldering brazing and welding
- Made in the USA

Heat-Seal Stik Premixed Epoxy Sealer

- For use on aluminum, copper, metals, glass, and ceramics
- Works on R410A based systems
- · Cures in 90 seconds
- Sealing temperature to 350° F (177°C); pressures to 450 psi (31 bar)
- Made in the USA



Paint Marker

- Lead-free, weather, water, UV-resistant paint marker dries in three minutes
- For use with on metal, wood, glass, plastic, rubber, cardboard, and paper
- Marking range -50°F to 150°F (-46°C to 66°C)
- Made in the USA



PART NO.	QTY.	DESCRIPTION
11175	12	Pipetite-Stik _® 1.25oz sticks
19571	12	Epoxy-Stik _® 4oz sticks

FANT NO.	QII.	DESCHIFTION
11511	24	Bloc-It _® 10oz tubes

Slic-Tite® Paste with PTFE

- Seals water, air, steam, natural gas, LP gas. refrigerants, ammonia, gasoline, and oil
- For use with metal, PVC, CPVC, and ABS plastic threads
- Sealing temperature -50°F to 500° F (-46°C to 260°C)
- Pressures 3,000 psi (204 bar) for gas, 10,000 psi (680 bar) for liquid.

1.1

NSE

DESCRIPT

Slic-Tite® 8oz bottles

Made in the USA

PART NO

42019

QTY

12

Valve Action[™]



PART NO.	QTY.	DESCRIPTION
96820	12	White Valve Action [™] paint marker
96822	12	Red Valve Action [™] paint marker
96823	12	Black Valve Action [™] paint marker

Just Better Capillary Tools Tubing

14-CO

Warranty/ Repair

Warranty

LIMITED WARRANTY

All JB Industries, Inc. tools are warrantied against defects in materials and workmanship for a period of 12 months from the date of purchase with the following exceptions:

• Leak Detectors (LD-5000, LD-3000, LDC-4000): 2 years

	4000 <i>j</i> . <i>L</i> yours
• ATLAS® Scales:	
DS-250, DS-20000, DS-20000S DS-5000	2 years 1 year
• CO2 Manifold (30744):	3 years
Recovery:	
F6-DP F6-BOOST	3 years OTC 1 year OTC
• Vacuum Pumps:	
PLATINUM® PLATINUM® BEAST PLATINUM® FLEX ELIMINATOR® Rebuilt Vacuum Pumps Out of Warranty Vacuum Pump Repairs	2 years OTC 2 years OTC 1 year OTC 2 years OTC 6 months 90 days

JB tools are guaranteed when used in accordance with guidelines and recommendations. Warranty is limited to the repair, replacement, or credit at invoice price, (our option) of tools which, in our opinion, are defective due to workmanship and/or materials. In no instance will we allow charges for labor, expense, or consequential damage. Repairs performed on items out of warranty will be invoiced on a nominal basis; contact wholesaler for details. Additional tool warranty information available online at www.jbind.com.

NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Technical information, recommendations, and advice as to properties and usages of materials, design, installation, and use of tools, engineering, and other matters are provided as an accommodation and are intended only as suggestions. Although they are believed to be accurate, based on JB's knowledge and experience, JB assumes no obligation or liability for any results obtained in their use or application, and they are not to be construed as establishing any warranty, express or implied. In no event shall JB be liable for claims for any damages whatsoever (whether direct, foreseeable, consequential or special) suffered by buyer or anyone else arising out of any breach by JB. JB makes no warranty to those defined as consumers in the Magnuson-Moss Warranty-Federal Trade Commission Improvement Act.

Disclaimers: All tool items pictured, described, or otherwise displayed herein are subject to change, alteration, and/or modification at any time by JB Industries, Inc. The terms and conditions for the purchase of JB Industries, Inc. tools are subject to change, alteration, and/or modification at any time by JB Industries, Inc. and will be made available upon request to JB Industries Inc. and shall be provided to customers of JB Industries, Inc. at time of purchase. **Over-the-Counter (OTC) Warranty:** Applies ONLY to newly purchased F6[™] Refrigerant Recovery Unit (3 year OTC), PLATINUM[®] Vacuum Pumps (2 year OTC), ELIMINATOR[®] Vacuum Pumps (2 year OTC), and PLATINUM[®] FLEX Vacuum Pumps (1 year OTC). OTC Warranty is limited to manufacturing defects and is VOID if the problem has been determined to be caused by abuse or misuse.

Lifetime Manifold Bar Warranty: Manifold bar only has a lifetime warranty, while the components, i.e. gauges, hoses, handles, hose holders, etc. are covered under the limited warranty policy.

For Professional Use Only: JB manifolds and tools are designed for use by technically trained HVAC/R service engineers only. Due to the high pressures encountered in all systems that manifolds will be used on, plus the dangers due to the physical and chemical nature of refrigerants and oils present in all systems, misapplication could result in injury or death.

RETURN FOR REPAIR

JB provides reliable, superior quality tools—However, in the event your instrument requires repair, you are required to contact JB Customer Service Department to obtain a Return Goods Authorization (RGA) number.

Ensure that all returned tools are packed to avoid damage in shipment. Warranty claims for items damaged in transit will not be honored. Refrain from applying stickers or strong tape on tool face as item may be returned with no manufacturer defects. Paperwork should be placed in a separate plastic bag and should include JB's assigned RGA number, a description of the problem, copy of invoice, and any customer assigned repair or purchase order number, if applicable. Please provide contact information (name/address/phone/email) of whom to inform of package receipt as well as the person authorized to accept repair charges should the warranty be void. Tool returns for repair will not be accepted without an RGA number from JB Industries.

Contact Customer Service for RGA number:

800.323.0811 Toll	630.851.9444 Tel
800.552.5593 Toll Fax	630.851.9448 Fax

Tools should be shipped with freight prepaid to:

JB Industries RGA#______ 601 N. Farnsworth Ave. Aurora, IL 60505 USA

Warranty

Over-the-Counter (OTC) Warranty: Applies ONLY to newly purchased F6[™] Refrigerant Recovery Unit (3 year OTC), PLATINUM[®] Vacuum Pumps (2 year OTC), ELIMINATOR[®] Vacuum Pumps (2 year OTC), and PLATINUM[®] FLEX Vacuum Pumps (1 year OTC). OTC Warranty is limited to manufacturing defects and is VOID if the problem has been determined to be caused by abuse or misuse.

VACUUM PUMPS: 1 AND 2 YEAR OTC WARRANTIES

All warranty statements apply to the PLATINUM® (2-year OTC), PLATINUM® FLEX (1-Year OTC), and ELIMINATOR® (2-year OTC) pumps.

JB Industries vacuum pumps are warrantied to be free of defects in materials and workmanship for period indicated from the date of purchase. This warranty applies to all repairable instruments that have not been tampered with or damaged through improper use including unauthorized opening of the unit.

Pumps received within warranty period are assessed upon arrival at the JB Industries facility to determine warranty coverage. Wholesaler will be notified of warranty coverage determination. Over-the-counter warranty applies only to manufacturing defects and is VOID if determination has been deemed tool misuse.

To eliminate unnecessary returns and/or costly repairs, verify oil has been changed, and proper pump operation guidelines have been followed prior to requesting a Return Goods Authorization (RGA) number.

NOT CHANGING OIL WILL VOID WARRANTY

RTANT: OIL LEVEL MUST BE ABOVE HALF WAY IN SIGHT GLASS

LEVEL

CHECK FOR SIGNS OF MISUSE

A. Housing area

- B. Broken base
- C. Trap
- D. Damage to fins or drain valve
- E. Sight glass
- F. Damage or dents to pump body
- G. Broken or bent handle
- H. Damaged or missing intake valve



REASONS FOR VOID OF WARRANTY

- Improper usage of pump and pump oil
- Oil has not been changed
- Corrosive substances and/or contaminants found in pump
- Pump has been damaged, altered, or components have been removed or are missing

PACKING VACUUM PUMP FOR RETURN

To ensure that no additional charges are incurred due to improper packaging:

- 1. Drain **all** oil from pump and close off valves.
- 2. Place pump in a sealed plastic bag.
- 3. Package pump in a cushioned bottom carton with packing paper. Be sure to secure and protect pump in carton on all sides. Do not use packing peanuts.
- 4. Include RGA number issued by JB Industries and supporting paperwork with detailed description of issue in a sealed, separate plastic bag.
- 5. If an estimate is required, be sure to specify in documentation and include contact information (name/address/phone/email).

F6-DP: 3 YEAR OTC WARRANTY

JB Industries warrants the F6-DP Refrigerant Recovery Machine to be free from defects of materials or workmanship for three years from the date of purchase. JB Industries does not warrant any machine that has been subjected to misuse, negligence, or accident, or has been repaired or altered by anyone other than JB Industries.

The compressor is warrantied for a period of three years by the manufacturer. To keep this warranty in force, a filter (included) must be used on the inlet port or hose at all times to prevent particulates from entering the compressor. Failure to use the included filter will void the compressor warranty.

JB Industries liability is limited to repairing or replacing, at its option, a defective machine or part. If a defect arises, a valid claim must be received by JB Industries, with transportation prepaid, no later than thirty (30) days after the warranty period expires. JB Industries will determine whether the machine has malfunctioned due to defective materials or workmanship.



Warranty/ Repair

PLATINUM® Vacuum Pump Repair DV-42N through DV-285N Series

	PI A	TINUM® SERIES REPAIR PARTS – ALL MODELS
REF.NO.	PART NO.	DESCRIPTION
1	PR-1	Sight glass
2	PR-2	Drain valve
6	PR-211	Trap o-ring, gas ballast
7	PR-3	Shaft seal
8	PR-315	Trap o-ring, intake
9	PR-4	Rubber foot and screw assembly – 1 per package (Prior to 2006)
10	PR-66	Angled intake tee with caps
11	NFT5-4	1/4" O-ring, cap
10	NFT5-6	3/8" O-ring, cap
12	NFT5-8	1/2" O-ring, cap
14	PR-209	Plastic isolation valve handle and screw w/stem, o-rings, and retainer (not interchangeable w/PR-210)
	PR-208	Flexible coupler* 1-1/2"(Start of 1995) 2-1/2" (Prior to 12/1994)*
15	PR-308	Flexible section only 7/8"; use w/PR-208 flexible coupler*
15	PR-6	Flexible coupler* 2-1/4"
	PR-77	1-5/8" Middle section; use w/PR-6 flexible coupler*
16	PR-42	Motor foot w/screw (prior to 2006)
17	PR-59	Base foot
19	PR-31	Line cord (Marathon motor) old style
19	PR-58	Line cord (Emerson motor) new style
20	PR-54	Rocker switch w/wire leads (Emerson) models since 2004
	PR-607	FLEX motor
21	PR-206	1/2 Hp, 115v, 60 Hz Motor w/line cord and switch
21	PR-207	1/2 Hp, 115/230v, 50/60 Hz Dual Voltage Motor (not shown)
	PR-307	1/2 Hp, 115/230v, 50/60 Hz Spark Proof Motor (not shown)
23	PR-7	Gas ballast valve w/o-ring
24	P90009	O-ring, gas ballast valve
25	PR-40	Splash guard and screw (excludes 3 CFM manufactured before 1/01)
	PR-75	Cushioned handle w/lift ring 1/2" NPT and DV-EP-8 as of 2008
26	PR-205	Cushioned handle 3/8" NPT
	PR-605	Cushioned handle w/lift ring FLEX
27	PR-22	Oil fill plug w/o-ring
28	PR-56	Adapter nut w/nut o-ring
	PR-500	Cushion and cap 3/8" NPT
30	PR-501	Cushion and cap 1/2" NPT
	PR-601	Cushion and cap FLEX
31	DV-EP6	Tethered safety cap 3/8" NPT (prior to 2008)
	DV-EP8	Tethered safety cap 1/2" NPT (as of 2008)

PLAT	INUM® SERIE	S REPAIR PARTS – MANUFACTURED AFTER JANUARY 2001
REF.NO.	PART NO.	DESCRIPTION
3	PR-300	DV-42N through DV-200N cover assembly w/sight glass and drain valve
	PR-301	DV-285N Cover assembly w/sight glass and drain valve
	PR-302	DV-42N and DV-85N Cartridge w/o-rings and cover seal
4	PR-303	DV-142N Cartridge w/o-rings and cover seal
-	PR-304	DV-200N Cartridge w/o-rings and cover seal
	PR-314	DV-285N Cartridge w/o-rings and cover seal
5	PR-311	Cover seal
13	PR-32	1/4" Intake w/cap
20	PR-35	Rocker switch w/prongs (Marathon 1101-0105)
29	PR-62	Pump base (includes feet); fits all pumps with serial #0101 and higher
PLATI	NUM _® SERIES	S REPAIR PARTS – MANUFACTURED BEFORE JANUARY 2001
5	PR-217	Cover seal
8	PR-215	Trap o-ring, intake
14	PR-210	Metal isolation valve handle and screw
	PLAT	INUM® SERIES REPAIR PARTS – NOT SHOWN
PR-18	Cartridge va	alve repair kit (includes DV-285N as of 2007 models)
PR-52	DV-285N C	artridge valve repair kit (prior to 2007 models)
PR-45	Pump repai	r kit PR-1, PR-59 (4), PR-42, PR-208







Current chrome cover will fit older black ELIMINATOR models

no longer available

	ELIN	IINATOR SERIES REPAIR PARTS
REF.NO.	PART NO.	DESCRIPTION
1	PR-1	Sight glass*
2	PR-2	Oil drain valve*
3	PR-10	DV-3E, DV-4E, and DV-6E cover assembly w/sight glass, drain valve and oil fill plug
	PR-403	DV-3E Cartridge complete w/o-rings and cover seal
4	PR-404	DV-4E Cartridge complete w/o-rings and cover seal
	PR-406	DV-6E Cartridge complete w/o-rings and cover seal
5	PR-217	Cover seal
6	PR-3	Shaft seal
7	PR-315	Trap intake o-ring
	PR-208	1-1/2" Flexible coupler*
8 PR-308		7/8" Middle section; used w/PR-208 2-1/2" Flexible coupler*
0	PR-6	2-1/4" Flexible coupler*
	PR-77	1-5/8" Middle section; used w/PR-6 flexible coupler*
9	PR-62	Pump base w/rubber feet and screws (4)
10	PR-59	Rubber pump foot (1)
Not Shown	PR-18	Cartridge valve repair kit

Ernerson® is a registered trademark of US Motors. Marathon® is a registered trademark of Marathon Electric. * Coat with thread sealant when replacing.

	ELIM	NATOR SERIES REPAIR PARTS				
REF.NO.	PART NO.	DESCRIPTION				
	PR-206	1/2 HP, 115v/60Hz motor w/line cord and switch				
11	PR-207	1/2 HP, 115/230v, 50/60Hz dual voltage motor w/line cord and switch (not shown)				
	PR-307	1/2 Hp, 115/230v, 50/60 Hz Spark Proof Motor (not shown)				
12	PR-31	6' Line cord (Emerson® motor)				
12	PR-58	6' Line cord (Marathon® motor)				
13	PR-35	Rocker-switch 115v Marathon Motor (prongs)				
13	PR-54	Rocker-switch 115v Emerson Motor (wire leads)				
14	PR-63	Intake tee w/cap				
15	NFT5-4	1/4" O-ring cap				
16	NFT5-6	-6 3/8" O-ring cap				
17	PR-500	3/8" Rubber grip and cap				
17	PR-501	1/2" Rubber grip and cap				
18	PR-22	Oil fill plug w/o-ring				
19	PR-40	Stainless steel splash guard w/screw				
00	DV-EP6	3/8" Red tethered safety exhaust cap				
20	DV-EP8	1/2" Red tethered safety exhaust cap				
04	PR-205	3/8" Cushioned handle				
21	PR-65	1/2" Cushioned handle				

New Vacuum Pumps Recovery Climate Class Digital Gauges Leak Digital Detection Manifolds Manifolds/ Gauges Scales Hoses Mini-Split Tool Kits SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Tools Tubing LA-CO

Manifold Rebuild Kits

Rebuild kits are available for all manifold series

Standard rebuild kits include a stem, nut, piston with seat, and o-rings Premium rebuild kits feature two standard kits plus two handwheels and screws

Caution: gauges and hoses not specified for R410A can damage tools and cause injury $\label{eq:result}$

	MANIFOLD REBUILD KITS
PART NO.	DESCRIPTION
M2R-S	Standard M2 rebuild (also fits M5 through M9 series)
M2R-P	Premium M2 rebuild (fits M2 series only)
M4R-S	Standard M4 rebuild
M4R-P	Premium M4 rebuild
2VZR-S	Standard ZEPPELIN 2-valve rebuild (fits both aluminum and brass)
2VZR-P	Premium ZEPPELIN 2-valve rebuild (fits both aluminum and brass)
4VZR-S	Standard ZEPPELIN 4-valve rebuild
4VZR-P	Premium ZEPPELIN 4-valve rebuild
M2-106	1/8" FPT Gauge mounting brackets
M2-108	1/4" FPT Gauge mounting brackets

ZEPPELIN® Brass Series



ZEPPELIN® 2-Valve Aluminum Series



ZEPPELIN® 4-Valve Aluminum Series



REF.NO.	PART NO.	DESCRIPTION
1	MR-601	Handwheel and screw
2	U1-4A	1/4" Intake
3	MR-525	Sight glass
4	MR-505	1/4" manifold piston
5	MR-516	Stem and nut
6	MR-601	Handwheel and screw
7	MR-503	Handwheel screws (2)
8	MR-509	O-rings (2)
9	M2-102N	Hanging hook

ZEPPELIN BRASS SERIES MANIFOLD

	ZEPPELIN 2-VALVE ALUMINUM					
REF.NO.	PART NO.	DESCRIPTION				
1	MR-601	Handwheel and screw				
2	U1-4A	1/4" Intake				
3	MR-525	Sight glass				
4	MR-505	Piston w/seat and o-rings				
5	MR-516	Stem and nut				
6	MR-601	Handwheel and screw				
7	MR-503	Handwheel screws (two)				
8	MR-509	O-rings (two)				
9	M2-102N	Hanging hook				

ZEPPELIN 4-VALVE ALUMINUM				
REF.NO.	PART NO.	DESCRIPTION		
1	U1-6B	3/8" Intake		
2	U1-4A	1/4" Intake		
3	MR-525	Sight glass		
4	MR-605	Piston w/seat and o-rings		
5	MR-607	Stem and nut		
6	MR-601	Handwheel and screw		
7	MR-503	Handwheel screws (2)		
8	MR-409	O-rings (2)		
9	M2-102N	Hanging hook		

Index/ Contacts

Warranty

New

Scales

Hoses

Mini-Split Tool Kits

CoreMax SHIELD

JB INDUSTRIES



		M2 SERIES MANIFOLDS
REF.NO.	PART NO.	DESCRIPTION
1	MR-503	Handwheel screw (2)
2	MR-501B	Blue handwheel and screw
3	MR-516	Stem and nut
4	MR-509	O-ring (2)
5	MR-505	Piston w/seat and o-rings
6	MR-501R	Red handwheel
7	M2-300	Hose holder 1/4"
8	M2-102N	Hanging hook
9	U1-4A	Intake

PATRIOT™ Series



		PATRIOT SERIES MANIFOLDS
REF.NO.	PART NO.	DESCRIPTION
1	MR-503	Handwheel screw (2)
2	MR-508	Metal handwheel and screw
3	MR-516	Stem and nut
4	MR-509	O-ring (2)
5	MR-505	Piston w/seat and o-rings
6	M2-102N	Hanging hook
7	MR-504	1/4" Hose holder sleeve and o-rings



	REVOL	VER 4-VALVE BALL SERIES MANIFOLD
REF.NO.	PART NO.	DESCRIPTION
1	M2-102N	Hanging hook
2	MR-502	Handle and screw
3	MR-BVK	Ball valve kit including: seals (2), stem (1), o-rings (2) and washer (1)
4	MR-444	1/4" Retainer fitting
5	MR-446	3/8" Retainer fitting
6	MR-611	Throttle ball
7	MR-610	Ball
8	MR-504	1/4" Hose holder sleeve and o-rings
9	MR-506	3/8" Hose holder sleeve and o-rings
10	MR-525	Sight glass w/o-ring

New

Vacuum Recovery Pumps

Climate Class

Digital Gauges

Leak Digital Manifolds/ Detection Manifolds Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

100-A61	122-E60	2510027	2778429	2859929	29436
100-B61	1349351	2510827	27786 29	2873229	2VZR-P81
100-C61	1349451	2512527	2778829	2873529	2VZR-S81
100-D61	1957175	2513327	2785229	2875229	3074429
100-E61	2212524	2514027	2785429	2875429	33112N
101-A61	2213324	2514427	2785929	2875929	33112RK39
101-B61	2222524	2515027	2787029	2877029	33113N
101-C61	22225CM24	2515827	2787229	2877229	33115N39
101-D61	22225L24	2516527	2787429	2877429	33115RK39
101-E61	2223324	2516927	2788029	2877629	33116N39
103-A61	22233CM24	2520027	2788229	2878029	4201975
103-B61	22233L24	2520827	2788429	2878229	4VZR-P81
103-C61	2224624	2522527	2788629	2878429	4VZR-S81
103-D61	22246CM24	25225L27	2788829	2878629	81LB-461
103-E61	2250024,40,41	2523327	2795229	28788 29	9682075
110-BA61	2250524,40,41	25233L27	2795429	28832 29	9682275
110-CA61	2252524	2524027	27959 29	2883529	9682375
110-CB61	2253124	2524627	2797029	2885229	A1097172
110-DA61	2272524	2524827	2797229	2885429	A 1097272
110-DB61	2273324	2525027	2797429	2885929	A 1097372
110-DC61	22733RF-18 24, 34	2525827	27980 29	28870 29	A 10974 7, 39, 53, 71
110-EA61	2400026	2526527	2798229	2887229	A3100245
110-EB61	2400826	2526927	27984 29	2887429	A3100345
110-EC61	2402526	2532527	27986 29	2887629	A3100445
110-ED61	2403326	2542527	2798829	2888029	A31004-CJ46
110-FD61	2404026	2550027	2810229	2888229	A31004S45
110-FE61	2404426	2550827	2810529	2888429	A3100545
1117575	2405026	2552327	2817029	2888629	A3100645
112-A60	2405826	2552527	2817229	2888829	A3100845
112-B60	2406526	2553327	2817429	2893229	A3100945
112-C 60	2406926	2554827	2817629	2893529	A3101145
112-D60	2410026	2555027	2818029	2895229	A3101245
112-E60	2410826	2555827	28182	2895429	A3113446
113-A1560	2412526	2557327	2818429	2895929	A3113546
113-A260	2413326	2560827	28186	2897029	A31136
113-A2560	2414026	2570827	28188	2897229	A31138
113-A360	2414426	2571327	28192	2897429	A3114046
113-A35	2415026 2415826	2582527 2583327	2819629 2819729	2897629 2898029	A3114246 A31144
113-B1560 113-B260	2415826 2416526	2583327 2600025	2819729 28199	2898029 28982	A3114446 A3114846
113-В260	2416926 24169	2600025	2819929 28202	2898229	A3114846 A31154
113-B2560 113-B360	2410926 24200	2600825	2820229	2898429 28986	A3115446 A3115546
113-B3560	2420026 2420826	2602525	2820529 28270	2898829 28988	A3115546 A31156
113-C1560	2420820 24225	2603325	2827029	29260	A3116040
				29263	
113-C260 113-C2560	2423326 2424026	2604425 2610025	2827429 2827629	29280	A3116245 A3116445
113-C360	2424020	2610825	28280	29285	A3116845
113-D1560	24250	2612525	28282	29290	A3119946
113-D260	2425826	2613325	2828429	29290	A3120046
113-D2560	24265	2614025	28286	29295	A3120146
113-D360	24325	2614425	28288	29297	A3120246
113-D3560	24425	2620025	28292	29310	A3120446
1150975	24500	2620825	28296	29311	A3123448
1151175	24508	2622525	28297	2931231	A3123548
1157575	24525	26225L25	28299	29315	A31236
116-A61	24533	2623325	28502	29316	A3123848
116-B61	24600	26233L25	28505	29317	A3133446
116-C61	24608	2624025	28570	29330	A3133546
116-D61	24615	2624425	28572	29331	A3133646
121-A61	2500027	2624625	2857429	29332	A3133846
121-B61	2500827	27752	2857629	29333	A3134046
121-C61	2502527	2775429	28580 29	29335	A3134246
121-D61	2503327	2775929	28582 29	29336	A3134446
121-E61	2504027	2777029	2858429	2933731	A3134846
121-F61	2504427	2777229	28586 29	2933831	A3142448
12 I [_] F01				2938431	A3143447
122-A60	2505027	2777429	2858829	2300+	A01404
	2505027 2505827	2777429 2777629	2858829 28592	29385	A31444
122-A60					

Index

New

A31482		A32906	45	CCLE-7237	CL6HD-36	CLS-36R36	CM-S370
A31484	48	A32908	45	CCLE4-3637	CL6HD-4838	CLS-36Y36	CM-SNAP
A31492	48	A32910	45	CCLE4-4837	CL6HD-6038	CLS-48B36	CM-SS250
A31494	48	A32912	45	CCLE4-6022,23,37	CL6HD-7238	CLS-48R36	CM-SS370
A31512		A32914		CCLE4-7237	CL744-3629	CLS-48Y36	CM-TRQ
A31514		A33000		CCLE5-3637	CL84-60	CLS-600B	CM-VC003
A31520		A33004		CCLE5-6037	CLBV-36B37	CLS-600R36	CM-VC010
A31522		A33500		CCLE55-3637	CLBV-36R37	CLS-600Y36	CM-VC025
A31614	48	A33600	74	CCLE55-6037	CLBV-36Y37	CLS-60B36	CM-VC100
A3165640),41,52	A34000	52	CCLE55-7237	CLBV-48B37	CLS-60R36	CNTL90-12.
A3166540	.41.52	A34000D	18.19	CCLRF-18 7,34	CLBV-48R37	CLS-60Y36	CNTL90-18.
A31720		AC-13430	'	CCLS-36	CLBV-48Y37	CLS-72B	CNTL90-24.
A31722		AC-13435		CCLS-48	CLBV-60B	CLS-72R	CNTL90-30.
A31723		AC-15530		CCLS-6036,40,41	CLBV-60R37	CLS-72Y36	CNTL90-36.
A31724		AC-15535		CCLS-7236	CLBV-60Y37	CLS-900B36	CNTL90-48
A31725	48	AF-13450	74	CCLS4-3636	CLBV-72B37	CLS-900R36	CNTL90-60.
A31726	48	AF-13451	74	CCLS4-4836	CLBV-72R37	CLS-900Y36	CV-20004
A31727		AF-13452		CCLS4-60	CLBV-72Y37	CLS5-36B	CV-20006
A31728		AF-13455		CCLS4-72	CLE-1200B37	CLS5-36R	D10162
A31729		AF-13455		CCLS4-72	CLE-1200B37 CLE-1200R37		D10102 D10244
						CLS5-36Y36	
A31734		AF-13550		CCLS5-4836	CLE-1200Y37	CLS5-48B36	D10266
A31736		AVK-001		CCLS5-6036,40,41	CLE-120B37	CLS5-48R36	D10436
A31851	47	B1-10	54	CCLS5-7236	CLE-120R37	CLS5-48Y36	D10472
A31852		B1-12	54	CCLSX-3635	CLE-120Y37	CLS5-60B36	D10636
A31853		B1-3		CCLSX-4835	CLE-300B37	CLS5-60R	D10660
A31854		B1-4		CCLSX-6035	CLE-300R37	CLS5-60Y	DM4-BRK
A31856		B1-6		CCLSX-7235	CLE-300Y37	CLS5-72B36	DM4-BT
A31864	47	В1-8		CCLV-36	CLE-36B37	CLS5-72R36	DM4-CS
A31985	51	B2-10	54	CCLV-4838	CLE-36R37	CLS5-72Y36	DM4-R
A31985-100	51	B2-12	54	CCLV-6	CLE-36Y37	CLSX-36B	DM4-RW
A31986		B2-3	54	CCLV-60	CLE-48B37	CLSX-36R 7,35	DM4-STRP
A31992		B2-4		CCLV-72	CLE-48R	CLSX-36Y	DM4-TC
A31992-100		B2-5		CCLV4-36	CLE-48Y37	CLSX-48B	DM4-Z
A31997		B2-6		CCLV4-48	CLE-600B37	CLSX-48R 7, 35	DM4-ZW
A31998		B2-8	54	CCLV4-60	CLE-600R37	CLSX-48Y 7, 35	DS-20000
A31999	50	BRZ1000	71	CCLV4-7238	CLE-600Y37	CLSX-60B 7,35	DS-250
A31999-100		BS-10	68	CCLV5-36	CLE-60B37	CLSX-60R 7,35	DS-5000
A31999-25		BS-12		CCLV5-60	CLE-60R	CLSX-60Y	DSR-10
		BS-14		CCLV5-72	CLE-60Y37	-	DSR-20
A32004		-				CLSX-72B	
A32008	50	BS-4		CL-36B38	CLE-72B37	CLSX-72R 7,35	DSR-30
A32008-B		BS-5		CL-36R38	CLE-72R37	CLSX-72Y 7, 35	DV-142-FLEX
A32008-BX	50	BS-55	68	CL-36Y38	CLE-72Y37	CLSX-RH35,39	DV-142-FLEX-
A32100		BS-6		CL-48B	CLE-900B37	CLSX-RK35,39	DV-142-FLEX-
A32101		BS-7		CL-48R	CLE-900R37	CLV-36B	DV-142N
A32500N							
		BS-77		CL-48Y	CLE-900Y37	CLV-36R	DV-142N-250
A32501N		BS-8		CL-60B	CLE5-36B37	CLV-36Y38	DV-142N-250
A32504		C1-4		CL-60R38	CLE5-36R37	CLV-48B38	DV-142N-250
A32505N	50	C1-6	56	CL-60Y38	CLE5-36Y37	CLV-48R38	DV-200N
A32525N 12,4	0,41,50	C33804	72	CL-72B	CLE5-60B37	CLV-48Y38	DV-200N-25
A32525SV6		C33808		CL-72R	CLE5-60R37	CLV-60B	DV-200N-25
A32525SVT		C33808-CTN		CL-72Y	CLE5-60Y37	CLV-60R	DV-200N-25
A32530N		CCL-36		CL264-48 12	CLE5-72B37	CLV-60Y38	DV-200N-25
A32535N 40		CCL-48		CL264-6012	CLE5-72R37	CLV-6B38	DV-22N
A32535SV	6,49	CCL-60		CL2HD-36	CLE5-72Y37	CLV-6BL38	DV-24N
A32535SVT		CCL-72	38	CL2HD-48	CLP-6B38	CLV-6R	DV-27N
A32700	,	CCLBV-36		CL2HD-60	CLP-6R	CLV-6Y38	DV-285N
A32701		CCLBV-48		CL2HD-72	CLP-6Y	CLV-72B	DV-285N-25
A32702		CCLBV-60		CL4HD-36	CLRF-18B	CLV-72R	DV-285N-25
A32703		CCLBV-72		CL4HD-4838	CLRF-18R 7, 34	CLV-72Y38	DV-285N-250
A32704	54	CCLBV4-36	37	CL4HD-6038	CLRF-18Y7,34	CLV5-60B	DV-29
A32804	45	CCLBV4-48		CL4HD-7238	CLS-1200B36	CLV5-60R	DV-291
A32805		CCLBV4-60		CL6-36	CLS-1200R	CLV5-60Y	DV-292
A32806		CCLBV4-00		CL6-36Y		CLV6-36	DV-292 DV-293
					CLS-1200Y		
A32808		CCLBV5-36		CL6-48	CLS-120B36	CLV6-48	DV-294
A32810		CCLBV5-60		CL6-48Y38	CLS-120R36	CLV6-6038	DV-295
A32812	45	CCLBV5-72	37	CL6-6038	CLS-120Y36	CLV6-6BL38	DV-3E
A32814	45	CCLE-36	37	CL6-60Y38	CLS-300B36	CLV6-6Y38	DV-3E-250
A32818		CCLE-48		CL6-72	CLS-300R	CLV6-72	DV-3E-250El
		CCLE-60		CL6-72Y38	CLS-300Y36	CM-CRTOOL43	DV-3E-250U
A32904							

JUST BETTER SINCE 1967 | HVAC TOOLS, VALVES AND FITTINGS

New

Vacuum Recovery Pumps

Climate Class

Digital Gauges

Leak Digital Manifolds/ Detection Manifolds Gauges

Scales

Hoses

Mini-Split Tool Kits

SHIELD CoreMax

Access Valves

Brass Fittings

Ball Valves

Just Better Capillary Automotive/ Warranty/ Tools Tubing LA-CO Repair

DV-40AC19	E3-10D54	K1-855	M2-46030,31	MR-50581,82	NST4-857
DV-40C 19	E3-10E 54	K1-D56	M2-46531	MR-50682	NV62-462
DV-40HK19	E3-4A54	K1-E56	М2-528	MR-508 82	P2-1057
DV-40S 18	E3-4B54	LC-452	M2-5-410A28	MR-50981,82	P2-1257
DV-40S-AC 18	E3-5B54	LC-552	M2-5-410A-SS28	MR-51681,82	P2-357
DV-40S-CS18	E3-6A54	LD-300021	M2-5-410AB28	MR-51730	P2-457
DV-4119	E3-6B54	LD-500020	M2-50031	MR-52581,82	P2-557
DV-42N 10	E3-6C54	LD-6000IR20	M2-5B28	MR-533 30	P2-657
DV-42N-250 10	E3-6D54	LD-CS20,21	М2-628	MR-590 30	P2-857
DV-42N-250EU 10	E3-8C 54	LD-PK20,21	M2-60030,31	MR-593 30	P32512,49,50,53
DV-42N-250UK 10	E3-8D54	LD-RFS20,21	M2-60530,31	MR-59430	P50951,53
DV-4E 11	E3-8E54	LD-S10020,21	М2-6В28	MR-595 30	P509-2551,53
DV-4E-250 11	E4-4454	LD-ST20,21	M2-744H29	MR-596 30	P51053
DV-4E-250EU 11	E4-6654	LD-TV20,21	M2-744L 29	MR-596L	P511 18,19,39,53
DV-4E-250UK 11	E4-8854	LDA-LI20	M2-828	MR-598	P511-10 18,19,53
DV-6E 11	ER2-10855	LDA-NNP420	M2-8-410A28	MR-60181	P9000839,53
DV-6E-250 11	ER2-6455	LDA-NNP920	M2-8-410AB28	MR-60581	P90009 13,18,19,39,
DV-6E-250EU 11	ER2-8455	LDA-PK20	M2-80031	MR-60781	51,52,53
DV-6E-250SP 11	ER2-86 55	LDA-VCH	M2-80531	MR-61082	P9001051,53
DV-6E-250UK 11	ES2-6654	LDA-WCH20	M2-80829	MR-61182	P9001151,53
DV-85-FLEX 4, 9	ES2-6854	LDA-WCHUS20	M2-810	MR-BVK 82	P90012 13,39,53
DV-85-FLEX-AC 4, 9	ES2-8854	LDA-WE920	M2-81531	MSKIT140,41	P90016
DV-85-FLEX-BAT.4,9	ES4-101055	LDA-WTP20	M2-82030,31	MSKIT240,41	P9002239,53
DV-85N 10	ES4-121255	LDC-400021	M2-820L30,31	MSKIT340,41	P9051353
DV-85N-250 10	ES4-4455	LDC-4000-121	M2-825	N4-1056	P9051439,53
DV-85N-250EU 10	ES4-6655	LDC-4000-221	M2-825L30,31	N4-1256	PR-1 79, 80
DV-85N-250UK 10	ES4-8855	LDC-4000-321	M2-826	N4-456	PR-1080
DV-BP-AC9	EZ-4028851	LDC-4000-421	M2-82631	N4-556	PR-11010,11
DV-BP-BAT9	EZ-40288-12651	LT-45651	M2-82831	N4-656	PR-136 10,11
DV-BP-CHRG9	F6-110-CRD15	LT-81051	M2-82931	N4-856	PR-1879,80
DV-EP679,80	F6-BH15	M2-102N81,82	M2-83031	N5-1056	PR-279,80
DV-EP879,80	F6-BOOST 5,14	M2-10681	M2-83131	N5-1256	PR-20579,80
DV-F6 13	F6-BOOST-SS 14	M2-10881	M2-84431	N5-356	PR-206
DV-F8 13	F6-BOOST-TOC 14	M2-21125	M2-845	N5-456	PR-207
DV-FILTER 18,19	F6-DP15	M2-21125B28	M2-851	N5-556	PR-208
DV-T113	F6-DP-25015	M2-2113128	M2-85631	N5-656	PR-20979
DVO-113	F6-FLT	M2-21131B28	M2-860	N5-856	PR-21079
DVO-1213	F6-RBFT	M2-2152528	M2-865	NFT5-4 40,41,51	PR-21179
DVO-2413	F6-RH15	M2-21525B	M2-870	NFT5-4-10051	PR-21579
DVR-22	F6-RHP15	M2-21531	M2-87531	NFT5-4-10158	PR-217 79, 80
E1-10C	F6-STRAP15	M2-21531B28	M2-880	NFT5-4-2551	PR-22
E1-10D55	FP-A-16856	M2-2212528	M2-88531	NFT5-4-CJ46	PR-230 10,11
E1-10E55	FP-A-21056	M2-2213128	M2-890	NFT5-5 40,41,51	PR-236 10, 11
E1-12D55	FP-A-28356	M2-2222528	M2-89531	NFT5-651	PR-379,80
E1-12E55	FP-B-16856	M2-2223128	M2-8B	NFT5-6-10051	PR-30079
E1-2A55	FP-B-210	M2-2224428	M2-924	NFT5-6-10158	PR-30179
E1-3A55	FP-B-28356	M2-2232528	M2-924CM30,31	NFT5-851	PR-30279
E1-4A55	FP-C-16856	M2-2242528	M2-925	NRS4-10857	PR-30379
E1-4B55	FP-C-210	M2-2252528	M2-925CM31	NRS4-121057	PR-30479
E1-4C55	FP-C-28356	M2-2253128	M2-951	NRS4-4357	PR-30779,80
E1-5A55	FU-4B-16856	M2-2282528	M2-956	NRS4-5457	PR-30879,80
E1-5B55	FU-4B-21056	M2-2283128	M2-HP29	NRS4-6457	PR-31
E1-5C55	FU-4B-283	M2-2312528	M2-HP-529	NRS4-6557	PR-31179
E1-6A55	FU-4C-21056	M2-2313128	M2-LED8PK	NRS4-8657	PR-31479
E1-6B55	FU-4C-283	M2-2322528	M2R-P81	NS4-1057	PR-31579,80
E1-6C55	FU-6C-16856	M2-2323128	M2R-S81	NS4-10-CS57	PR-3279
E1-6D55	FU-6C-21056	M2-250	M4R-P81	NS4-1257	PR-336 10, 11
E1-6E55	FU-6C-28356	M2-200	M4R-S81	NS4-12-CS57	PR-35
E1-8B55	GTBG-12	M2-350	MBV4-01	NS4-12-0357 NS4-1457	PR-479
E1-8C55	GTBG-16	M2-35531	MBV4-03	NS4-357	PR-4079,80
E1-8055 E1-8D55	HNS4-1056	M2-36	MBV5-01	NS4-357 NS4-457	PR-403
E1-8D55 E1-8E56	HNS4-1056 HNS4-1256	M2-36B28	MBV5-03	NS4-4-CS57	PR-40480
				NS4-4-CS57 NS4-557	PR-406
E2-1055	HNS4-456	M2-400	MR-40981		PR-4279
E2-1255	HNS4-656	M2-405	MR-44482	NS4-657	PR-436 10, 11
E2-255	HNS4-856	M2-410	MR-446	NS4-6-CS57	PR-45
E2-355	JB-BACKPACK140,41	M2-415	MR-501B82	NS4-857	PR-50079,80
E2-455	JB-TOOLBAG1 40,41	M2-420	MR-501R82	NS4-8-CS57	PR-500
E2-555	K1-155	M2-425	MR-502 82	NST4-1057	PR-5279,80
E2-655	K1-355	M2-430	MR-50381,82	NST4-4	PR-5279 PR-54
E2-855	K1-555	M2-43531	MR-50482	NST4-657	i m-04
	800 323 0811 SAI				

PRODUCT CATALOG 54 | 800.323.0811 | SALES@JBIND.COM

Index

New

PR-56	RT70007B64	T1-8D57	TC-55-1172	U3-6C58	V34203
PR-58	RT70007X64		TC-59-1072	U3-6D58	V34204
PR-5979,80	RT7001564	T2-1257	TC-59-10072	U3-8B58	V34206
PR-679,80	RT70017B64	T2-357	TC-64-1072	U3-8C58	V34207
PR-60179	RT70017D64	T2-457	TC-64-10072	U3-8D58	V34208
PR-60579	RT7002064	T2-557	TC-70-10072	U3-8E	V34209
PR-60779	RT7002164	T2-657	TC-70-1272	U4-1059	V34210
PR-6279,80	RT7002764	T2-857	TC-75-10072	U4-1259	V34211
PR-6380	RT7002964	T2-HKA69	TC-75-972	U4-459	V34300
PR-6580	RT7003065	T2009570	TC-80-1072	U4-659	V34301
PR-6679	RT7004166	T2019568	TC-80-10072	U4-859	V34302
PR-779	RT70056D66	T2020368	TC-85-10072	U5-4A60	V34303
PR-7579	RT70057D65	T2027569	TC-85-972	U5-4B60	V34304
PR-7779,80	RT7007571	T2035171	TC-90-10072	U5-6B60	V34306
PR-7879	RT7010564	T2035271	TC-90-772	U5-8C60	V34307
PS-1069	RT7014265	T2035371	TR2-44657	U5-8D60	V34308
PS-10069	RT7015966	T2050068	TR2-66457	U6-4A59	V34309
PS-2569	RT70160	T2100070	TR2-66857	U6-4B59	V34310
PS-5069		T2100070	TR2-88657	UR2-10659	V34310 V34311
QC-13445-134A 74	RT7017066	T2100370	TRQ-IMP 40,41,67	UR2-10859	V34350
QC-208 6,12,13	RT7017166	T2100470	TRQ108040,41,67	UR2-121059	V34400
QC-266,12,13	RT7040164	T2100570	U1-10B58	UR2-12859	V34401
QC-E352	RT7040264	T2100670	U1-10C58	UR2-4359	V34402
QC-E452	RT7052166	T2100770	U1-10D58	UR2-5459	V34404
QC-E552	RT7052266	T2100870	U1-10E58	UR2-6459	V34406
QC-E6413,52	RT7052366	T2101070	U1-12C58	UR2-6559	V34407
QC-G43030,31	RT7053166	T2101270	U1-12D58	UR2-8459	V34408
QC-G43431	RT7053266	T2101470	U1-12E58	UR2-8659	V34409
QC-G46031	RT7053466	T2101870	U1-14E58	UR3-101259	V34500
QC-G465	RT7500765	T2102470	U1-3A58	UR3-108	V34501
QC-G82031	RT9061467	T21124U67	U1-3B	UR3-121059	V34502
QC-G82531			U1-4A58, 81, 82	UR3-4359	
	RT9901664				V34503
QC-G85130,31	SH-35-CL 19	T21126U67	U1-4B58	UR3-4659	V34504
QC-G85631	SH-35N19	T21127U67	U1-4C58	UR3-4859	V34506
QC-S352	SH-35N-CS 19	T21128U67	U1-4D58	UR3-6459	V34507
QC-S452	SHLD-3-DRIVER42	T2129471	U1-5A58	UR3-6859	V34508
QC-S45-4552	SHLD-8-DRIVER42	T2129539,68	U1-5B58	UR3-81059	V34509
QC-S4652	SHLD-BIT42	T3-10D58	U1-5C58	UR3-8459	V34510
QC-S4A52	SHLD-CJ42	T3-4A58	U1-6A 58, 81	UR3-8659	V34511
QC-S4A-134A 74	SHLD-COMBO-	T3-4B58	U1-6B 58, 81	US3-101058	V34525
QC-S4B52	DRIVER 42	T3-5B58	U1-6C	US3-101258	V34900
QC-S5	SHLD-E1242	T3-6B58	U1-6D58	US3-10858	V34901
QC-S5S52	SHLD-E4 40,41,42	T3-6C58	U1-6E	US3-121258	V34905
QC-S64 13, 52	SHLD-E50	T3-6D58	U1-8A58	US3-121458	V34910
	SHLD-G12				
QC-S65	SHLD-G1242 SHLD-G442	T3-8C58	U1-8B	US3-4458	VL-100
REC-TANK-30 15	SHLD-G442 SHLD-G5042	T3-8D58	U1-8C	US3-4558	VL-200
REC-TANK-50 15		T3025169	U1-8D	US3-4658	WC-1
RT1100671	SHLD-MULTI	T30600 40,41,68	U1-8E58	US3-61058	WC-2
RT1231869	SHLD-P12	T30600-G69	U2-1059	US3-6458	WH-1
RT2165264,65,71	SHLD-P440,41,42	T30605 40,41,70	U2-1259	US3-6558	WH-2
RT21652B64,65,71	SHLD-P5042	T6-458	U2-1459	US3-6658	
RT2165571	SHLD-SLG2042	TC-100-1072	U2-259	US3-6858	
RT2166071	SHLD-SLP2042	TC-100-10072	U2-359	US3-81058	
RT22240268	SHLD-SLU20 42	TC-26-10072	U2-459	US3-8658	
RT22260168	SHLD-U100	TC-26-16	U2-4CHK	US3-8858	
RT2302268	SHLD-U1242	TC-31-10072	U2-5	US4-1059	
RT2513167	SHLD-U442	TC-31-1272	U2-659	US4-459	
	SHLD-U50				
RT2513667	SM-1865	TC-36-10072	U2-8	US4-559	
RT2514067		TC-36-1272	U3-10C	US4-659	
RT2514267	T1-10C57	TC-42-10072	U3-10D58	US4-859	
RT2515167	T1-10D57	TC-42-1272	U3-10E58	UX1-4A60	
RT2591367	T1-4A57	TC-44-10072	U3-2A58	UX1-4B60	
RT2591467	T1-4B57	TC-44-1272	U3-3A58	UX2-460	
RT2603668	T1-4C57	TC-49-10072	U3-4A58	V34-RC1262	
RT2671570	T1-5B57	TC-49-1172	U3-4B58	V34-RC1962	
RT5200065	T1-6B57	TC-50-10072	U3-4C58	V34-RC3362	
RT5201065	T1-6C57	TC-50-1172	U3-5A	V34-RC462	
	T1-6D57				
RT5201165 RT5203065	T1-8B57	TC-54-10072 TC-54-1172	U3-5B58 U3-6A58	V3420063 V3420163	

Contacts

Mini-Split Tool Kits

SHIELD

CoreMax

Access Valves

Brass Fittings

Valves

Ball

Just Better Tools

Capillary Automotive/ Warranty/ Tubing LA-CO Repair

Domestic

International



OSCAR LOPEZ Vice President of Sales P: 817.366.0903 E: oscar@jbind.com

PRESTON COLLIER Regional Sales Manager P: 765.639.9711 E: prestonc@jbind.com

TOM MUNCEY

Director of Sales Midwest/Eastern Region P: 847.922.7480 E: tmuncey@jbind.com

KEVIN FURLONG Regional Sales Representative P: 331.255.6155 E: kevinf@jbind.com

DUSTIN FULFORD

Regional Sales Representative P: 812.655.6822 E: dustinf@jbind.com

TOM MURSALO

Director of Sales Western Region P: 714.767.8113 E: tmursalo@jbind.com

JENNY HONN Director of Sales Southeastern Region P: 404.849.0371 E: jhonn@jbind.com

MIKE TOELLE Regional Sales Manager P: 402.720.2022 E: mtoelle@jbind.com

JEFFREY CHERIF Regional Sales Manager, Southeast Region P: 630.715.8331 E: jeffreyc@jbind.com

GIMPER IV Dan Clark P: 518.885.8901 E: gimper2@aol.com

ENGINEERING EQUIPMENT SALES Nicole Elia

P: 410.297.8820 E: engeqsal@erols.com

WESTERN COMPONENT SALES

George Kief P: 888.927.2248 x102 E: george@westerncomponentsales.com

Corey Smith P: 888.927.2248 x105 E: corey@westerncomponentsales.com

RHODES AND STAFFORD

Rick Stafford P: 336.273.0505 E: rstafford@rhodesandstafford.com

SHUPE, CARBONI & ASSOCIATES

Angela Garcia (FL), Joe Carboni (GA) & Matt Reiners (TN) P: 800.272.9548 E: sales@shupecarboni.com

CHRISTIAN AND COMPANY

Jeff Christian P: 248.851.5660 E: jjchvac@aol.com

RAC SALES Brad Rinderknecht P: 763.785.7000 E: racsales@racsalesinc.com

RECAPCO, INC. Jim / Jill Malone P: 817.263.1171 / 817.307.8706 E: jimmalone@sbcglobal.net

SARRIO SALES Barry Sarrio P: 901.230.8777 E: barry@sarriosales.com

CKA SALES Steve Graves P: 614.619.6148 E: steve.graves@ckasales.com

PINNACLE PRODUCT SALES Shaun Caley

P: 303.681.5958 E: shaun@salespps.com ALLTEMP PRODUCTS Howard Green P: 800.263.4624 E: sales@alltemp.ca

ASPEN PUMPS ASIA PACIFIC PTY LTD

Brett Spicer P: +61 (08) 8186 4666 E: brett.spicer@aspenpumps.com.au

JB INDUSTRIES Jonathan Brenis P: 216.214.2647

E: jonb@jbind.com

MRE INTERNATIONAL

Shepard Goodman P: 310.459.1333 F: 310.459.5740 E: acexporter@aol.com

COMARTCO Dong Yeol Lee P: 822.858.0051

P: 822.858.0051 E: comartco@naver.com

OSCAR LOPEZ Latin America

TOM MUNCEY Asia/Pacific

TOM MURSALO Europe/Middle East/Africa



AMERICAN INNOVATION

JB INDUSTRIES is the premier manufacturer of Americanmade HVAC/R tools. For over 50 years, JB has been committed to producing tools of the highest quality while providing exceptional customer service. JB tools have been proudly made in the USA since its inception in 1967, with Made in America as an essential part of the company's philosophy. To learn more about our tools and company history visit JBIND.COM.

JB INDUSTRIES Exclusively Supports Authorized Wholesale Distribution Channels

0





in

