S.U.R&R.®

PROFESSIONAL PRODUCT SPOTLIGHT

Your Single Source for Fluid Line Repair Kits and Specialty Tools

AIR CONDITIONING | BRAKE | COOLANT | FUEL | POWER STEERING | SPECIALTY

AIR CONDITIONING

Make instant repairs to A/C lines on hundreds of vehicles. Repair damaged rubber and aluminum lines including line sections, pinholes, cracks, and more.

PUSH-TO-CONNECT

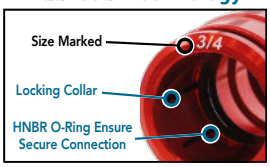
NEW!

ACR40, ACR50M, ACR60, ACR70M, ACR80, ACR90M, ACR100 and ACR110M A/C Line Repair Kits

- All-aluminum materials for improved corrosion resistance (no dissimilar materials)
- Working pressure 450 PSI
- Create secure seal w/locking collar
- Can use for high and low side repairs
- No specialty tools, adhesives or lubrication required

NO SPECIALTY TOOLS REQUIRED!

Dual Seal Technology



Repair or Block Off Aluminum Lines

ACR60 Standard Union & Block Off

ACR40 Standard Union

ACR50M Metric Union

ACR70M Metric Union & Block Off

ACR80 Standard Block Off

ACR90M Metric Block Off

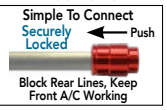
Connect Aluminum to Rubber Lines

ACR100 Standard A/C Hose to Tube Kit

ACR110M Metric A/C Hose to Tube Kit

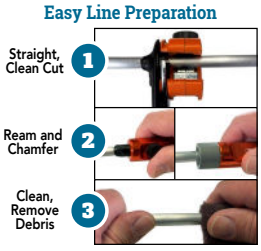
Unions

Block Offs



Adapters

Easy Line Preparation



FITTING SIZE COVERAGE

- **Push-to-Connect:** **ACR40** 5/16", 3/8", 1/2", 5/8" & 3/4", **ACR50M** 8, 9, 10, 12, 14.5, 14.5-16,16 & 19mm, **ACR60** 5/16", 3/8", 1/2", 5/8" & 3/4", **ACR70M** 8, 9, 10, 12, 14.5,16 & 19mm unions and block offs and 14.5-16 union, **ACR80** 5/16", 3/8", 1/2", 5/8" & 3/4", **ACR90M** 8, 9, 10, 12, 14.5, 15, 16 & 19mm, **ACR100** #6 to 5/16", #6 to 3/8", #8 to 1/2", #10 to 5/8", #12 to 3/4", **ACR110M** #6 to 8mm, #6 to 9mm, #6 to 10mm, #8 to 12mm, #10 to 14.5mm, #10 to 15mm, #10 to 16mm, #12 to 19mm and 20' Hose (5' each of #6, #8, #10 & #12)
- **Compression:** **AC1387** 42 pieces and 20' Hose (5' each of #6, #8, #10 & #12), **AC40** 3/8", 1/2", 5/8" & 3/4", **AC50M** 8, 10, 12, 15, 16 & 19mm, **AC80** 3/8", 1/2", 5/8" & 3/4", **AC90M** 8, 10, 12, 15, 16 & 19mm)
- For complete list of all fittings and sizes, please visit www.surrauto.com

AC1387 Deluxe Line Repair Kit

COMPRESSION

AC1387, AC40, AC50M, AC80, AC90M A/C Line Repair and Block Off Kits

- AC1387 excellent for repairing longer line sections; reduces complicated routing or pulling vehicle off frame
- Safe up to 600 PSI
- Make connections by hand; no specialty tools required

AC40 Standard Union

AC50M Metric Union

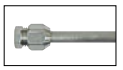
Features Double Seal Technology

AC80 Standard Block Off

AC90M Metric Block Off

Repair Collar Connections

Fix Cracks and Pinholes


Block Off Rear Lines

Assemble By Hand

BRAKE

Everything needed to repair or replace brake lines quickly and easily is included in these convenient, all-in-one brake line kits.

ULTRABEND Brake Line Tubing

PROUDLY AMERICAN MADE

Makes Routing and Installation Simple

- Will not rust or corrode
- Cuts labor cost by more than 50%
- Rigorously tested – highest quality
- Available in 3/16", 1/4", 5/16" and 3/8"
- Backed by **LIFETIME WARANTY**

NO KINKING

Less Chance for Kinking

BETTER FLARING

Up to 40% Thicker Safer, Better Flares

PART #	DESCRIPTION
BR-EZ100	3/16" UltraBEND® Brake Line – 25'
BR-EZ100-50	3/16" UltraBEND® Brake Line – 50'
BR-EZ100-100	3/16" UltraBEND® Brake Line – 100'
BR-EZ200	1/4" UltraBEND® Brake Line – 25'
BR-EZ200-50	1/4" UltraBEND® Brake Line – 50'
BR-EZ200-100	1/4" UltraBEND® Brake Line – 100'
BR-EZ300	5/16" UltraBEND® Tubing – 25'
BR-EZ400	3/8" UltraBEND® Tubing – 25'

BR-EZ316 Brake Line Replacement Kit (3/16")
BR-EZ14 Brake Line Replacement Kit (1/4")

- Replace numerous brake lines with one kit
- Metric and standard fittings included
- Convenient access to parts where and when you need them
- **BR-EZ316** includes 110 pieces and 25' tubing
- **BR-EZ14** includes 40 pieces and 25' tubing

For more information on any of these products, visit www.surrauto.com or call (800) 390-3996.

BRAKE

MAX FLEX ALLOY
Affordable Quality Imported Tubing

- Bundles, coils, and sticks available

Max Flex Tubing

PART #	DESCRIPTION
BCC325B	Max Flex Quick-Fix Bundle (3/16") Includes: Qty. 1 25' Coil and 16 Tube Nuts
BCC425B	Max Flex Quick-Fix Bundle (1/4") Includes: Qty. 1 25' Coil and 16 Tube Nuts
BCC325	3/16" Max Flex Brake Line – 25'
BCC350	3/16" Max Flex Brake Line – 50'
BCC3100	3/16" Max Flex Brake Line – 100'
BCC425	1/4" Max Flex Brake Line – 25'
BCC450	1/4" Max Flex Brake Line – 50'
BCC4100	1/4" Max Flex Brake Line – 100'
BCC525	5/16" Max Flex Tubing – 25'
BCC625	3/8" Max Flex Tubing – 25'

AB25 Air Brake Repair Kit

- FMVSS (DOT) and SAE compliant, push-to-connect composite fittings (25 popular styles)
- Composite body: saves weight, UV resistant, vibration resistant, and excellent chemical resistance

BB007 Ultimate Brake Bleeder Removal Tool Kit

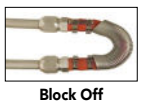
- Pays for itself in one job; helps avoid replacement of expensive calipers
- Eliminates problems during brake fluid flush servicing

COOLANT

Push Hose Onto Fitting By Hand, Then Clamp Tight

CLC50 Coolant Line Connector Repair Kit

- 75-piece kit includes everything needed for making common repairs: 28 fittings incl. Ford and GM style quick connectors (SAE & VDA), elbows and splicers PLUS seal clamps, retaining clips and 360° seal clamp pliers
- Save time and money making repairs instead of replacing entire line
- Can also be used for EVAP applications



Block Off

Line Repair

HL427 Heater Line Repair Kit

- Repair damaged heater lines including pinholes, cracks, kinks and more
- Make connections by hand; no specialty tools required
- Use on 1/2", 13mm, 5/8", and 16mm (3/4" also available, sold separately)

FUEL

A proven and cost effective solution for repairing or replacing damaged fuel lines for practically any vehicle.

KP1500

KP1200

NO SPECIALTY TOOLS REQUIRED!

KP1212

K555

KP1500 Deluxe Fuel Line Replacement Kit (1/4", 5/16" and 3/8")
KP1200 Fuel Line Replacement Kit (5/16" and 3/8")
KP1212 Fuel Line Replacement Kit (1/2" and 12mm)
K555 Nylon Fuel Line Union Assortment (1/4", 5/16", 8mm, 3/8", 10mm and 1/2")

- Use with gas, fuel and ethanol; safe up to 200 PSI
- Great for cars, trucks, vans, SUVs including foreign and domestic
- **KP1500** includes 168 pieces and 75' tubing
- **KP1200** includes 52 pieces and 30' tubing
- **KP1212** includes 34 pieces and 25" tubing, can be used on medium-duty vehicles as well as for EVAP
- **K555** includes 12 pieces

KP1500, KP1200 & KP1212
Quick Connect with Thumb Release

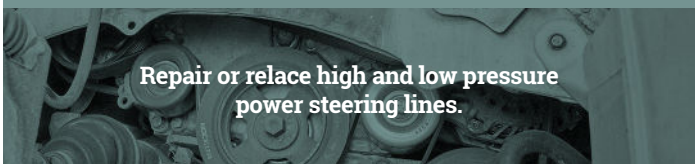
K555
Push-To-Connect Technology

Easy Installation

Attach Nylon Line to Fitting | Push On | Crimp Clamp

Typical installations can be done in less than 5 minutes in 3 easy steps.

POWER STEERING



PS1000 Power Steering Hose Repair Kit (5/16" & 3/8")
PS1000M 10mm Power Steering Hose Repair Kit (8 & 10mm
PS2000 Power Steering Hose Replacement Kit (5/16" & 3/8")

- Easy installation — repair in minutes
- Universal — can be used to repair hundreds of different line types
- Use for power steering, clutch, industrial and heavy-duty applications
- Safe — working pressure up to 1,500 PSI (6,000 burst)

PS2000
(Repair/Replace SAE)

Power Steering Line Repair

PS1000M
(Repair, Metric)
PS1000
(Repair, SAE)

SPECIALTY

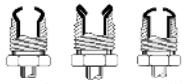
S.U.R.&R.® provides an extensive line of specialty tools which make everyday tasks simpler for the technician.

PFT409 Pistol Grip Flaring Tool

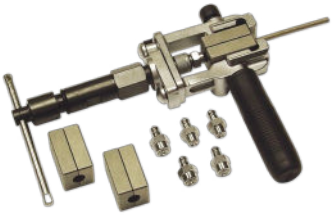
- Line sizes 3/16", 1/4", 5/16", 3/8" and 4.75mm
- Use on or off car
- Two-piece design allows for swivel action
- Simple to align — makes great flares with ease

Dimples Ensure Accurate Alignment of Dies

Magnetic Yolk Holds Dies Securely in Place



Create Virtually Any Flare Instantly



HFT50 HYDRA-Assist Flaring Tool

- Lightweight and compact
- Line sizes 3/16", 1/4" and 4.75mm
- Hydraulic Assist T-Handle Ram
- Quick chuck for fast punch changeover

Frees Up Vise. Permanent Low-Profile Mount for FT351

FT351M

FT351 High Speed Super Duty Flaring Tool

- Produce OEM-quality flares in seconds
- Line sizes 3/16", 1/4", 5/16", 3/8" and 4.75mm
- Creates SAE bubble, DIN/mushroom, and SAE double flares
- Cam lever operation provides speed and efficiency

FPT22 & FPT10 Fuel Injection Pressure Tester Kits

- Advanced kit tests faulty fuel pumps, pressure regulators, fuel lines, check valves, and fuel filters
- Featuring Universal Quick Connects, 9' connection hose, suction cup on back of gauge and transparent adapter lines
- **FPT10** Injection Pressure Tester Kit is the same as **FPT22**, except line adapters not included

TFS203

FIC203

TAS3

S-Tool

TFS203 Temporary Fuel Supply & Fuel Injection Cleaner FIC203 Fuel Injection Cleaner Kit / TAS3 Temporary Air Supply S-Tool Intake Cleaning Adapter

- **TFS203 2-1 Fuel System:** Provides 5-15 minutes of run time (great for moving vehicles with fuel problems) PLUS provides powerful cleaning of fuel injectors, intake valves and fuel passages — gas and diesel
- **TAS3** Temporary Air Supply available separately (universal adapter, inline regulator up to 100 PSI)
- **FIC203** Fuel Injection Cleaner Kit (w/ adapters) and **FIC201** Fuel Injection Cleaning Canister (w/o adapters) available separately
- **S-Tool** Intake Cleaning Adapter available separately (for direct injection engines)

BRC7 Heavy Duty Copper Washer Assortment

- Reduced outer dimension for less interference
- Annealed washers crush properly, make secure seals
- Use for brake calipers, fuel & transmission lines, filters and more

TP14316 Tubing Pliers

- Bend 1/4" and 3/16" tubing
- Makes sharp bends without kinking
- Works on UltraBEND®, stainless, steel and polycoated tubing
- Backed by **LIFETIME WARANTY**

TC40 Ratchet-Action Tubing Cutter

- Spring-loaded, easily cuts 1/8"–1/2" tubing
- Ratcheting handle and small head great for cutting in tight spaces
- **TC40B** Replacement Blade available

TC60 Automatic/Ratcheting Tubing Cutter

- Spring-loaded, easily cuts 3/16"–5/8" tubing
- Ratcheting handle and removable head
- **TC60B** Replacement Blade available

FPT290 Deluxe Fuel Pressure Tester Adapter Kit

- Universal adapter set connects fuel pressure testers and injection cleaner canisters to virtually any vehicle
- Inline T-Connector makes it simple to connect and troubleshoot fuel pressure problems

HC102 Positive Seal Hose Clamp Assortment

- Includes 100 positive seal clamps with permanent, no leak seal
- Consistent, uniform seals prevent damage to hose

CP360 360° Seal Clamp Pliers

- Use with 1/4"–1" seal clamps
- Thin head for tight spaces; great for making consistent, uniform seals which won't damage hose

TS14316 Tubing Straightener and Bending Pliers

- Straighten or bend 1/4" and 3/16" lines on or off vehicle
- Great for holding line still while cutting or manipulating to get a clean, professional look
- Backed by **LIFETIME WARANTY**

EGR312 EGR Port Cleaning Kit

- Flexible, spring steel bit (12") easily routes through EGR port
- 3/16" bits (9" **EGR9**, 12" **EGR12**, 21" **EGR21**) and 1/4" bit (12" **EGR1412**) available separately

FLS330 Fluid Line Stoppers

- Prevents messy fluid leaks and contamination during service
- Universal design works with 3/16" –1/2" including banjo fittings
- Spring-loaded stopper installs in seconds

FIC903 Intake System Cleaner

- Improves engine performance/ gas mileage and decreases harmful emissions
- Cleans gum, varnish, and carbon deposits from air intake systems, combustion champers, EGR valves, intake valves and oxygen sensors

SPECIALTY

TS224 Handheld Tubing Straightener

- Straightens 3/16" and 1/4"tubing
- Convenient thumb size selector
- Durable, heavy-duty metal body

RM21 Inside/Outside Tube Deburring Tool

- 5 flute bit for maximum cutting power
- 2-in-1 tool deburrs inside and outside for perfect flares each time
- Prepares tubing inside diameter (SAE 1/8"–1/2") and outside diameter (SAE 5/32"–9/16")
- Removable bits fit 3/8" drill for deburring threads and heavier use

DPR350 Plastic Oil Drain Plug Removal Set

- Safely remove plastic oil drain plugs used on many late model Audi, BMW, Ford, Lincoln and Volkswagen vehicles
- Includes handle and 3 bits which grip and turn plugs without causing damage

BTB5K Brake Tool Assortment

- Everything needed to accurately cut, prep, flare, bend and straighten brake line tubing
- **BTB6P** (same as BTB5K plus includes HFT50)

DP454 Oil Drain Plug Assortment

- Includes 76 pieces with corresponding gaskets (all replacement pieces available for reorder)
- Save time by having the right drain plug for common failures on hand at all times

CL484 Hanger Clamp Assortment

- Includes 60 clamps total — 6 sizes including 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4"
- Perfect for brake, fuel, and A/C lines
- Zinc-plated steel material for improved corrosion resistance and durability

DPG120 Oil Drain Plug Gasket Assortment

- Includes 120 gaskets — 5 of each 24 gasket types (all replacement pieces available for reorder)
- Save time by having the right gasket for common failures on hand at all times

HOR350 HNBR O-Ring Assortment

- Includes 350 pieces — 34 sizes
- HNBR O-Rings withstand wider temperature variations and resist more chemicals than standard O-Rings
- Ideal for most automotive fluids and refrigerant applications

SPECIALTY

RLW400 Ratcheting Line Wrench Set

- Low-profile design provides maximum access within tight spaces
- Made of 410 Stainless Steel (chrome plated w/satin finish) for high strength and superior corrosion resistance
- 4 wrenches fit 16 sizes
- Included sizes (individual wrenches available): **RLW0809** 8mm (5/16") & 9mm (11/32"), **RLW1011** 10mm (3/8") & 11mm (7/16"), **RLW1213** 12mm (15/32") & 13mm (1/2"), **RLW1415** 14mm (9/16") & 15mm (19/32")

RLW450 Ratcheting Line Wrench Set

- Included sizes (individual wrenches available):
RLW1617 16mm (5/8") & 17mm (11/16")
RLW1819 18mm (23/32") & 19mm (3/4")

SRSP4 4-Piece 3/8" Drive Spring-Return Spark Plug Socket Set

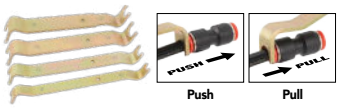
- Dual internal springs provide quick spring-back to center position
- Chrome vanadium steel (w/matte finish)
- Included sizes (individual sockets available): **SRSP14** (1/4"), **SRSP916** (9/16"), **SRSP58** (5/8"), **SRSP1316** (13/16")

SRUJ3 3-Piece Spring-Return U-Joint Adapter Set

- Dual internal springs provide quick spring-back to center position
- Ridges provide greater grip for tightening/loosening
- Chrome vanadium steel (w/matte finish)
- Individual adapters available: **SRUJ14** (1/4"), **SRUJ38** (3/8"), **SRUJ12** (1/2")

FC5 & FC25 Filter Removal Cups

- Helps keep shop clean and protects technician's hands from hot filters and dripping fluids
- Multipurpose cup can be used with oil, fuel (gas, diesel, biofuel), brake fluid, anti-freeze and more (not intended for storing fluids)
- Pliable, easily fits in tight spaces
- Use for storing bolts, nuts, and screws



DT440 Air Line Disconnect Tool Set

- Angled ends provide maximum leverage
- Disconnect air line and other push-in style fittings with ease
- Additional uses: SUR&R® AB25 and K555 fittings, release clutch line from master slave cylinder
- Included sizes (individual tools available): **DT0608** (6mm-8mm), **DT1012** (10mm-12mm), **DT1516** (15mm-16mm), **DT1812** (18mm-1/2")

CP720 Dual Jaw 360° Seal Clamp Pliers

- Crimp from front or side angle
- Use for fuel, A/C, transmission, coolant lines and more
- Works with single or double-ear seal clamps

NR3 3-Piece 2.5° Nano-Ratchet Set

- Dual pawl with minimal 2.5° swing angle
- Excellent for use in tight spaces
- Chrome vanadium steel (w/matte finish)
- Included sizes (individual ratchets available): **NR14** (1/4"), **NR38** (3/8") **NR12** (1/2")

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Video YouTube SUR&R® VIDEOS

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