

S.U.R.&R.

*Your Single Source Solution
for Automotive Fluid Lines
and Specialty Tools!*

- BRAKE
- FUEL
- AIR CONDITIONING
- TRANSMISSION
- COOLANT



NOBODY
PUTS IT ON THE LINE LIKE
S.U.R.&R.



Featuring
ULTRABEND™
Brake Line Tubing

2015 PRODUCT CATALOG

1.800.390.3996 | www.surrauto.com

NOBODY PUTS IT ON THE LINE LIKE S.U.R.&R.



We've Got You Covered!

Our exclusive, innovative technologies are designed to provide ease of use, superior quality and cost savings for both the repair facility and vehicle owner.

S.U.R.&R. products are designed with the technician in mind. They are easy to use, require no specialty tools and, above all, save **TIME** and **MONEY**. S.U.R.&R. products meet or exceed OEM specifications, can be used on domestic and foreign vehicles, and are backed by an unsurpassed warranty to ensure your complete satisfaction.



Your Single Source Solution for Automotive Fluid Lines

S.U.R.&R.'s extensive product line covers the most common areas of automotive fluid line repair.

BRAKE Page 4

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

FUEL Page 9

Save time and money with fuel line replacement kits using the same advanced technology used by new vehicle manufacturers.

AIR CONDITIONING Page 14

Make instant repairs to A/C lines on hundreds of vehicles. On-the-car repairs made simple.

TRANSMISSION Page 17

Replace or repair transmission or cooler lines for virtually any vehicle within minutes.

COOLANT Page 20

Perfect for vans, SUV's and other vehicles with failed rear heater lines and systems.

SPECIALTY TOOLS Page 22

A variety of innovative specialty tools to make repairs faster and easier.

NOBODY DELIVERS TIME & COST SAVINGS LIKE S.U.R.&R.

*Here's Just One Example of How
S.U.R.&R. Delivers Time & Cost
Savings - Every Job, Every Time!*



BRAKE



TRANSMISSION

YEAR	MAKE	MODEL	YEAR	MAKE	MODEL
2001	CHEVROLET	BLAZER	2001	CHEVROLET	BLAZER
2002	CHEVROLET	BLAZER	2002	CHEVROLET	BLAZER
2003	CHEVROLET	BLAZER	2003	CHEVROLET	BLAZER

YEAR	MAKE	MODEL	YEAR	MAKE	MODEL
2001	CHEVROLET	BLAZER	2001	CHEVROLET	BLAZER
2002	CHEVROLET	BLAZER	2002	CHEVROLET	BLAZER
2003	CHEVROLET	BLAZER	2003	CHEVROLET	BLAZER

OVER \$350 SAVINGS!

264.99
17.89
282.88

594.98
40.16
635.14



FUEL



COOLANT

- Premium Quality & Technology
- Full Market Coverage
- Installer Friendly
- Simplified Solutions

Helping technicians perform everyday service repairs in a different, better way is what we do. From convenient, all-in-one repair line kits to unique specialty tools, each of our products is designed to make performing repairs faster, easier and more affordable for both the service professional and vehicle owner.



AIR CONDITIONING



SPECIALTY TOOLS

Featuring

ULTRABEND™

Brake Line Tubing

BRAKE

BRAKE

ULTRABEND™

Brake Line Tubing



Buy the Best!

Accept Nothing Less, Ask for ULTRABEND™

Brake Line Tubing

Superior Quality Means Greater Confidence and a Line Repair That You Can Trust

FEEL

the Difference
No Kinking

SEE

the Difference
Better Flaring

TRUST

the Difference
Safer Tubing

KNOW

the Difference
A Better Choice

SUR&R
(USA MADE)

OTHERS
(IMPORTED)



NO KINK
Thicker walls prevent kinking!



KINK
Thinner walls more likely to kink

Triple Annealed
for Easy Bending
Rigorously Tested -
Highest Quality



SUR&R
(USA MADE)

OTHERS
(IMPORTED)



THICKER WALLS



THINNER WALLS



CONSISTENT FLARES



INCONSISTENT FLARES

Up to 40% Thicker
Meets SAE standards
J1650 of .028"

SUR&R (USA MADE)



Higher Density (grain)
Greater Strength

OTHERS (IMPORTED)



Lower Density (grain)
Less Strength



"I've used S.U.R.&R.'s brake line for over five years and tried others as well. There's no comparison. Whether you're flaring, routing, or bending, S.U.R.&R.'s is simply the best."

Ryan Zehner
Zehner's Service Center
Akron, OH



High performance ULTRABEND brake tubing won't rust or corrode. ULTRABEND tubing comes in a heavy-duty, reusable plastic bag which helps protect tubing and prevents contamination.



- Easy bending
- Simple routing
- No bending tools required
- Smooth flares create better fitting seals
- Cuts labor by more than 50%

BR-EZ316 Brake Line Replacement Kit

Kit includes 112 pieces plus 25' ULTRABEND brake tubing



Everything Needed to Replace Brake Lines Quickly and Easily is Included in These Convenient, All-In-One Kits.

- Pays for itself in as little as one job
- Replace numerous brake lines with one kit
- Metric and standard fittings included
- Parts conveniently available, wherever and whenever you need them
- Packaged in durable, portable carrying case

Featuring ULTRABEND Brake Line Tubing

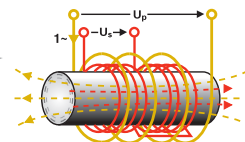
- Easy bending
- Simple routing
- No bending tools required
- Smooth flares create better fitting seals
- Conforms to SAE specifications, pressure-rated up to 3,000 PSI
- Cuts labor by more than 50%

True OE Quality Tubing

You get what you pay for - With hydraulic brake pressure at 3000 PSI, we take no shortcuts!

Proudly Made in the USA!

HIGH PERFORMANCE ULTRABEND ALLOY TUBING WON'T RUST OR CORRODE. BACKED BY LIFETIME WARRANTY!



ULTRABEND Tubing undergoes eddy current testing to ensure consistent quality and strength.

Easy Installation

Flexible ULTRABEND tubing makes routing and installation simple.



No bending tools required!



ULTRABEND brake tubing can be easily bent by hand.

BR-EZ14 Brake Line Replacement Kit

Kit includes 41 pieces plus 25' ULTRABEND brake tubing



ORDER INFORMATION

PART #	DESCRIPTION	QTY.
BR-EZ316	3/16" Brake Line Replacement Kit	1
BR-EZ14	1/4" Brake Line Replacement Kit	1
BR316	3/16" Brake Line Fitting Assortment	1
BR14	1/4" Brake Line Fitting Assortment	1




BRAKE PARTS LISTING

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN BR-EZ316	PCS. IN BR-EZ14
ULTRABEND TUBING						
	BR-EZ100	3/16"	3/16" ULTRABEND Brake Line	25' Roll	25'	—
	BR-EZ100-50	3/16"	3/16" ULTRABEND Brake Line	50' Roll	—	—
	BR-EZ100-100	3/16"	3/16" ULTRABEND Brake Line	100' Roll	—	—
	BR-EZ200	1/4"	1/4" ULTRABEND Brake Line	25' Roll	—	25'
	BR-EZ200-50	1/4"	1/4" ULTRABEND Brake Line	50' Roll	—	—
	BR-EZ200-100	1/4"	1/4" ULTRABEND Brake Line	100' Roll	—	—
	BR-EZ300	5/16"	5/16" ULTRABEND Tubing	25' Roll	—	—
	BR-EZ400	3/8"	3/8" ULTRABEND Tubing	25' Roll	—	—
BUBBLE FLARE NUTS						
	BR170	3/16"	3/8"-24	4/Pkg.	2	—
	BR230	3/16"	M10 x 1.0 (Euro, Domestic)	4/Pkg.	6	—
	BR235	3/16"	M11 x 1.5	4/Pkg.	4	—
	BR240	3/16"	M12 x 1.0	4/Pkg.	4	—
	BR245	3/16"	M13 x 1.5	4/Pkg.	4	—
	BR250	3/16"	M10 x 1.0 (VW, Audi)	4/Pkg.	4	—
	BR255	3/16"	M10 x 1.0 (Ford)	4/Pkg.	6	—
	BR2200	1/4"	M12 x 1.0	4/Pkg.	—	6
	BR2300	1/4"	M13 x 1.5	4/Pkg.	—	—
	BR2500	1/4"	M14 x 1.5 (GM)	4/Pkg.	—	—
INVERTED FLARE NUTS						
	BR105	3/16"	3/8"-24	4/Pkg.	10	—
	BR135	3/16"	3/8"-24 Long	4/Pkg.	10	—
	BR145	3/16"	7/16"-24	4/Pkg.	10	—

BRAKE PARTS LISTING (Continued)

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN BR-EZ316	PCS. IN BR-EZ14
INVERTED FLARE NUTS (Continued)						
	BR150	3/16"	1/2"-20	4/Pkg.	6	—
	BR155	3/16"	9/16"-18	4/Pkg.	6	—
	BR157	3/16"	3/8"-24 (7/16" Wrench)	4/Pkg.	10	—
	BR205	3/16"	M10 x 1.0 Gold	4/Pkg.	4	—
	BR210	3/16"	M10 x 1.0 Blue	4/Pkg.	6	—
	BR270	3/16"	M10 x 1.0 Long	4/Pkg.	6	—
	BR1150	1/4"	7/16"-24	4/Pkg.	—	6
	BR1200	1/4"	7/16"-24 (9/16" Wrench)	4/Pkg.	—	6
	BR1400	1/4"	7/16"-24 Long	4/Pkg.	—	6
	BR1600	1/4"	9/16"-18	4/Pkg.	—	6
	BR1650	1/4"	1/2"-20	4/Pkg.	—	6
ADAPTERS						
	BR500	3/16"	3/8"-24 Inverted Female To M10 x 1.0 Inverted Male	4/Pkg.	2	—
	BR505	3/16"	3/8"-24 Inverted Female To M10 x 1.0 Bubble Male	4/Pkg.	2	—
	BR510	3/16"	M10 x 1.0 Bubble Female To M11 x 1.5 Bubble Male	4/Pkg.	—	—
	BR550	3/16"	3/8"-24 Inverted Female To 7/16"-24 Inverted Male	4/Pkg.	—	—
	BR555	3/16"	3/8"-24 Inverted Female To 1/2"-20 Inverted Male	4/Pkg.	—	—
	BR560	3/16"	3/8"-24 Inverted Female To 9/16"-18 Inverted Male	4/Pkg.	—	—

BRAKE PARTS LISTING (Continued)

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN BR-EZ316	PCS. IN BR-EZ14
UNIONS						
	BR405	3/16"	3/8"-24 Inverted Flare	4/Pkg.	4	—
	BR435	3/16"	M10 x 1.0 Inverted Flare	4/Pkg.	2	—
	BR450	3/16"	M10 x 1.0 Bubble Flare	4/Pkg.	2	—
	BR4100	1/4"	7/16"-24 Inverted Flare	4/Pkg.	—	4



BB007 The Ultimate Brake Bleeder Removal Tool Kit

A Completely New and Better Way to Remove Brake Bleeder Screws.

The BB007 allows you to:

- Reduce labor time
- Avoid unnecessary and difficult drilling, tapping, or heating
- Decrease the risk of damaging the caliper
- Complete brake jobs faster and avoid delays

ORDER INFORMATION

PART #	DESCRIPTION	REORDER QTY.	PCS. IN BB007
BBTOOL	BB007 Tool	1/Pkg.	1
BB01	M10 x 1.0S Brake Bleeder Screw	5/Pkg.	4
BB02	3/8"-24NF Brake Bleeder Screw	5/Pkg.	4
BB03	5/16"-24NF Brake Bleeder Screw	5/Pkg.	4
BB04	1/4"-28NF Brake Bleeder Screw	5/Pkg.	4
BB05	M10 x 1.25 Brake Bleeder Screw	5/Pkg.	4
BB06	M10 x 1.5 Brake Bleeder Screw	5/Pkg.	4
BB07	M7 x 1.0 Brake Bleeder Screw	5/Pkg.	4
BB08	7/16"-24NS Brake Bleeder Screw	5/Pkg.	4
BB09	M8 x 1.25 Brake Bleeder Screw	5/Pkg.	4
BB10	M8 x 1.0 Brake Bleeder Screw	5/Pkg.	4
BB11	7/16"-20NF Brake Bleeder Screw	5/Pkg.	4
BB12	M10 x 1.0L Brake Bleeder Screw	5/Pkg.	4
BB20	Small Dust Cap	5/Pkg.	10
BB21	Large Dust Cap	5/Pkg.	10
BBPIN	Brake Bleeder Screw Pins	Assortment Pkg.	8
BB007	Brake Bleeder Removal Tool Kit	1	—

Advantages

- Everything you need in one easy-to-use tool kit
- Pays for itself in as little as one brake job
- Works with both aluminum and cast iron calipers
- Replacement bleeder screws included

It's as simple as 1, 2, 3!

- 1** Insert special-sized pin into bleeder screw
- 2** Install removal tool into air chisel and shock bleeder from the top
- 3** Remove bleeder screw



KP1500 Deluxe Fuel Line Replacement Kit

Kit includes 169 pieces plus 75' tubing



**97%
Coverage**

KP1200 Fuel Line Replacement Kit

Kit includes 52 pieces plus 30' tubing



**90%
Coverage**

Save Time & Money with S.U.R.&R. Fuel Line Replacement Kits

- **COST-EFFECTIVE** - Save up to 70% vs. OEM fuel lines
- **EASY-TO-USE** - No special insertion tools required; reduces labor time
- **COMPLETE COVERAGE** - Create fuel lines for virtually any vehicle
- **SAFE** - Nylon lines hold up to 200 PSI
- **VERSATILE** - Safe for use with multiple fuel types, including gas, ethanol and diesel.



KP1500 & KP1200 fuel lines use the latest, safest technology available; the same advanced technology used by new vehicle manufacturers.

Universal Quick Connect

- Thumb release convenience
- No special disconnect tools required
- Works with domestic & foreign vehicles



Easy Installation

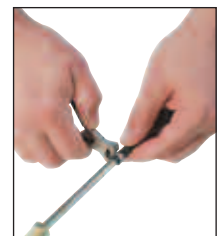
Typical installations can be completed in less than 5 minutes. It's as simple as 1, 2, 3!



1 Attach nylon tube to fitting.



2 Push on.



3 Crimp clamp.

ORDER INFORMATION

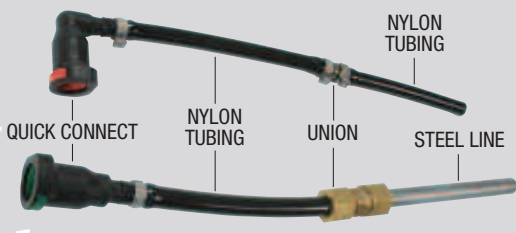
PART #	LINE SIZE	DESCRIPTION	QTY.
KP1200	5/16" & 3/8"	Fuel Line Replacement Kit	1
KP1500	1/4", 5/16", 3/8"	Deluxe Fuel Line Replacement Kit	1



Whether you want to repair or replace, S.U.R.&R. fuel line kits make it simple!



Example 1 - Simple Repair



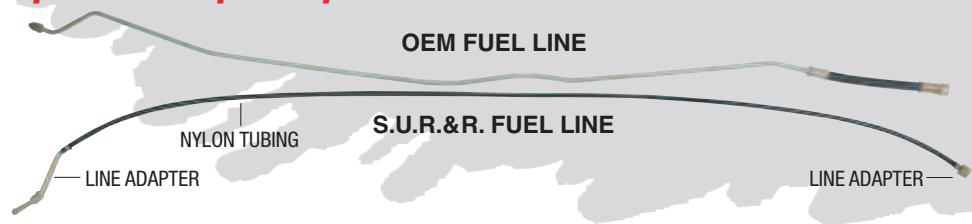
Reduce Labor Time

- Average connection time is only 5 minutes!
- Reduce installation time by up to 75%

Save Money

- Typical OEM G.M. Fuel Line - \$85-\$120
- S.U.R.&R. KP1500/KP1200 Fuel Line - \$25

Example 2 - Simple Replacement



GM64 Universal GM Fuel Level Sensor Contacts

Fits most GM Vehicles (1997-2002)

Save \$100's by replacing ONLY the Fuel Level Sensor Contacts versus the entire module. Makes gauge repair fast, simple, and inexpensive!



CKV5 & CKV7 Fuel Pressure Check Valves



Not for use with returnless systems.

STOP!
REPLACING EXPENSIVE FUEL PUMPS UNNECESSARILY!

The Quick, Inexpensive, and Smart Solution for Hard-Start Engine Problems Involving the Loss of Fuel Pressure.

Electric fuel pumps have internal check valves which often fail. In turn, fuel pressure drops and starting problems occur. Installing a new, in-line check valve solves starting problems quickly and easily.

Key Advantages:

- Installs outside of tank
- Avoid dropping the fuel tank
- Repair virtually any vehicle which uses a 5/16" or 3/8" steel, nylon, or rubber fuel line
- Complete typical repairs in 15 minutes or less

ORDER INFORMATION

PART #	LINE SIZE	DESCRIPTION	QTY.
CKV5	5/16"	Check Valve	1
CKV7	3/8"	Check Valve	1
CKV-DISP	5/16" & 3/8"	Check Valve Countertop Display - includes CKV7 (4) & CKV5 (2)	1

FUEL PARTS LISTING

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN KP1500	PCS. IN KP1200
UNIVERSAL QUICK CONNECTS Connectors and adapters include corresponding clamps						
	KP020	3/8"	3/8" To 3/8" Straight Push-On	2/Pkg.	2	3
	KP030	5/16"	3/8" To 5/16" Straight Push-On	2/Pkg.	2	2
	KP035	3/8"	5/16" To 3/8" Straight Push-On	2/Pkg.	2	—
	KP040	5/16"	5/16" To 5/16" Straight Push-On	2/Pkg.	2	3
	K410	1/2"	1/2" To 1/2" Straight Push-On - NEW!	2/Pkg.	—	—
	KP045	5/16"	1/4" To 5/16" Straight Push-On	2/Pkg.	2	—
	KP120	3/8"	5/16" To 3/8" 90° Push-On	2/Pkg.	2	—
	KP125	3/8"	3/8" To 3/8" 90° Push-On	2/Pkg.	2	1
	KP130	5/16"	3/8" To 5/16" 90° Push-On	2/Pkg.	2	1
	KP135	5/16"	5/16" To 5/16" 90° Push-On	2/Pkg.	2	1
	K415	1/2"	1/2" To 1/2" 90° Push-On - NEW!	2/Pkg.	—	—
LINE ADAPTERS Connectors and adapters include corresponding clamps						
	K070	5/16"	5/16" GM	2/Pkg.	2	2
	K075	3/8"	3/8" GM	2/Pkg.	2	2
	K095	5/16"	5/16" GM Female To Nylon	1/Pkg.	2	1
	K100	3/8"	3/8" GM Female To Nylon	1/Pkg.	2	1
	K107	5/16"	14mm Foreign Female To Nylon	1/Pkg.	1	—
	K127	5/16"	14mm Foreign Angled	2/Pkg.	1	—
	K137	5/16"	14mm Foreign	2/Pkg.	1	—
	K140	5/16"	5/16" Rubber Hose To Nylon	2/Pkg.	2	—
	K145	3/8"	3/8" Rubber Hose To Nylon	2/Pkg.	2	—
	K150	5/16"	5/16" Quick Connect To Nylon	2/Pkg.	2	—
	K155	3/8"	3/8" Quick Connect To Nylon	2/Pkg.	2	—
	K420	1/2"	1/2" Quick Connect To Nylon - NEW!	2/Pkg.	—	—
	K153	3/8"	3/8" Quick Connect To Quick Connect	2/Pkg.	—	—



FUEL PARTS LISTING (Continued)

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN KP1500	PCS. IN KP1200
LINE ADAPTERS (Continued)						
Connectors and adapters include corresponding clamps						
	K160	5/16"	1/4" to 5/16" Quick Connect To Nylon	2/Pkg.	1	—
	K165	3/8" & 5/16"	3/8" to 5/16" Nylon To Nylon Reducer	2/Pkg.	1	—
	K167	5/16" & 1/4"	5/16" to 1/4" Nylon To Nylon Reducer	2/Pkg.	—	—
	K170	5/16"	5/16" GM Male To Rubber Hose	2/Pkg.	1	—
	K175	3/8"	3/8" GM Male To Rubber Hose	2/Pkg.	1	—
	K270	5/16"	5/16" GM Short	2/Pkg.	2	—
	K275	3/8"	3/8" GM Short	2/Pkg.	2	—
	K305	5/16"	9/16"-5/16" Male Spring Lock To Nylon - NEW!	1/Pkg.	—	—
	K315	5/16"	7/16"-5/16" Male Spring Lock To Nylon - NEW!	1/Pkg.	—	—
	K310	5/16"	9/16"-5/16" Female Spring Lock To Nylon - NEW!	1/Pkg.	—	—
	K320	5/16"	7/16"-5/16" Female Spring Lock To Nylon - NEW!	1/Pkg.	—	—
	K325	5/16"	12mm - 5/16" Banjo To Nylon - NEW!	1/Pkg.	—	—
	K335	5/16"	14mm - 5/16" Banjo To Nylon - NEW!	1/Pkg.	—	—
	K330	5/16"	12mm - 5/16" Banjo Bolt To Nylon - NEW!	1/Pkg.	—	—
	38180	3/8"	3/8" 180° GM Fuel Filter	1/Pkg.	1	—
	3890	3/8"	3/8" 90° Elbow	2/Pkg.	2	—
	51690	5/16"	5/16" 90° Elbow	2/Pkg.	2	—
NYLON TUBING						
	K003	1/4"	1/4" Nylon Tubing	25' Roll	25'	—
	K00350	1/4"	1/4" Nylon Tubing	50' Roll	—	—
	K003100	1/4"	1/4" Nylon Tubing	100' Roll	—	—
	K005	5/16"	5/16" Nylon Tubing	25' Roll	25'	15'
	K00550	5/16"	5/16" Nylon Tubing	50' Roll	—	—
	K005100	5/16"	5/16" Nylon Tubing	100' Roll	—	—
	K010	3/8"	3/8" Nylon Tubing	25' Roll	25'	15'
	K01050	3/8"	3/8" Nylon Tubing	50' Roll	—	—
	K010100	3/8"	3/8" Nylon Tubing	100' Roll	—	—
	K405	1/2"	1/2" Nylon Tubing - NEW!	25' Roll	—	—

FUEL PARTS LISTING (Continued)							
	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN KP1500	PCS. IN KP1200	
UNIONS Connectors and adapters include corresponding clamps							
	K050	5/16"	5/16" Nylon To Steel Compression	2/Pkg.	2	1	
	K055	5/16"	5/16" Nylon To Nylon Compression	2/Pkg.	2	—	
	K060	3/8"	3/8" Nylon To Steel Compression	2/Pkg.	2	1	
	K065	3/8"	3/8" Nylon To Nylon Compression	2/Pkg.	—	—	
	K250	1/4"	1/4" Nylon To Steel Compression	2/Pkg.	2	—	
	K255	1/4"	1/4" Nylon To Nylon Compression	2/Pkg.	2	—	
	K430	1/2"	1/2" Nylon To Nylon Compression - NEW!	2/Pkg.	—	—	
	K057	5/16"	5/16" Nylon To Nylon Push-On	2/Pkg.	2	2	
	K067	3/8"	3/8" Nylon To Nylon Push-On	2/Pkg.	2	2	
	K425	1/2"	1/2" Nylon To Nylon Push-On - NEW!	2/Pkg.	—	—	
CLAMPS & TUBING HOLDERS							
	K2978	1/4"	1/4" 360° Seal Clamp	10/Pkg.	—	—	
	K2980	5/16"	5/16" 360° Seal Clamp	10/Pkg.	33	15	
	K2982	3/8"	3/8" 360° Seal Clamp	10/Pkg.	28	12	
	K2984	1/2"	1/2" 360° Seal Clamp	10/Pkg.	—	—	
	K6806	9/16"	9/16" 360° Seal Clamp	10/Pkg.	—	—	
	K6807	11/16"	11/16" 360° Seal Clamp	10/Pkg.	—	—	
	K6808	23/32"	23/32" 360° Seal Clamp	10/Pkg.	—	—	
	K6810	3/4"	3/4" 360° Seal Clamp	10/Pkg.	—	—	
	K6811	7/8"	7/8" 360° Seal Clamp	10/Pkg.	—	—	
	K6812	15/16"	15/16" 360° Seal Clamp	10/Pkg.	—	—	
	TH38	3/8"	3/8" Nylon Tubing Holder	} With Self-Tapping Screws	20/Pkg.	20	—
	TH516	5/16"	5/16" Nylon Tubing Holder		20/Pkg.	20	—
TOOLS & ACCESSORIES							
	14005	1/4" 5/16" 3/8"	Heat Shield Sleeve (protects line up to 1200° F)	5' Roll	3'	—	
	CP01	1/4" 5/16" 3/8"	Clamp Pliers	1/Pkg.	1	1	
	TC-1	1/4" 5/16" 3/8"	Tubing & Hose Cutter	1/Pkg.	1	1	

AIR CONDITIONING

A/C Products that are Easy to Use, PLUS Save Installers Time & Money!

- Repair damaged rubber and aluminum lines
- Block Offs perfect for vans, SUV's, and other vehicles with failed rear components
- On-the-car repairs made simple
- Make connections by hand; no specialty tools required
- Designed specifically for A/C repairs
- Conforms to SAE J2064 specifications



AC1387 Deluxe A/C Line Repair Kit

Includes 3/8", 1/2", 5/8", and 3/4" sizes
87 pieces and 20' hose included



Features "Double Seal" Technology

Makes Line Repairs Fast & Simple

Sections/Failed Collars



PROBLEM - Damaged A/C hose leaking at connection

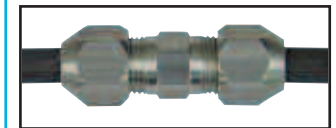


PROBLEM SOLVED - With hose to compression union adapter

Cracks/Pinholes



PROBLEM - Damaged A/C aluminum line

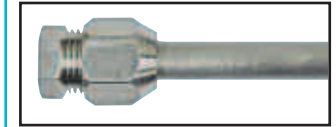


PROBLEM SOLVED - With compression union

Rear Block Offs



PROBLEM - Failed rear A/C component or line leak



PROBLEM SOLVED - With compression block off



AC40 A/C Compression Union Kit

Includes 3/8", 1/2", 5/8", and 3/4" sizes



AC80 A/C Compression Block Off Kit

Includes 3/8", 1/2", 5/8", and 3/4" sizes



AC50M Metric A/C Compression Union Kit

Includes 8,10, 12, 15, 16 and 19 mm sizes



AC90M Metric A/C Compression Block Off Kit

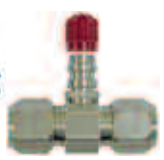
Includes 8,10, 12, 15, 16 and 19 mm sizes



Also Available - Specialty A/C Fittings

A/C Inline Service Ports

The simple, affordable solution for replacing damaged or hard-to-reach ports.



Installs in as little as 5 minutes!

Low side: 1/2" & 5/8"
High side: 3/8" & 1/2"

A/C Line Reducers

Convenient fittings for making connections involving different line sizes.

3/4" Line OD



#10 Hose

Easy Assembly - Repair lines in minutes. It's as simple as 1, 2, 3!



1 Place clamps into clamp holder; insert onto hose.





2 Push adapter into hose; crimp clamps with clamp pliers.





3 Tighten compression union onto aluminum line.


A/C PARTS LISTING - SAE						
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC1387	
COMPRESSION UNIONS						
	AC516	5/16"	5/16" A/C Compression Union	1/Pkg.	—	
	AC38	3/8"	3/8" A/C Compression Union	1/Pkg.	1	
	AC12	1/2"	1/2" A/C Compression Union	1/Pkg.	1	
	AC58	5/8"	5/8" A/C Compression Union	1/Pkg.	1	
	AC34	3/4"	3/4" A/C Compression Union	1/Pkg.	1	
HOSE TO COMPRESSION UNION ADAPTERS - STRAIGHT Includes one clamp holder and two clamps						
	AC16516	5/16"	#6 Hose to 5/16" Compression Union	1/Pkg.	—	
	AC1638	3/8"	#6 Hose to 3/8" Compression Union	1/Pkg.	2	
	AC1812	1/2"	#8 Hose to 1/2" Compression Union	1/Pkg.	2	
	AC11058	5/8"	#10 Hose to 5/8" Compression Union	1/Pkg.	2	
	AC11234	3/4"	#12 Hose to 3/4" Compression Union	1/Pkg.	2	
HOSE TO COMPRESSION UNION ADAPTERS - 90° Includes one clamp holder and two clamps						
	AC26516	5/16"	#6 Hose to 90° 5/16" Compression Union	1/Pkg.	—	
	AC2638	3/8"	#6 Hose to 90° 3/8" Compression Union	1/Pkg.	1	
	AC2812	1/2"	#8 Hose to 90° 1/2" Compression Union	1/Pkg.	1	
	AC21058	5/8"	#10 Hose to 90° 5/8" Compression Union	1/Pkg.	1	
	AC21234	3/4"	#12 Hose to 90° 3/4" Compression Union	1/Pkg.	1	
LINE REDUCERS Includes one clamp holder and two clamps						
	AC1612	1/2"	#6 Hose to 1/2" Compression Union	1/Pkg.	—	
	AC1858	5/8"	#8 Hose to 5/8" Compression Union	1/Pkg.	—	
	AC11034	3/4"	#10 Hose to 3/4" Compression Union	1/Pkg.	—	
COMPRESSION BLOCK OFFS Includes clamp and self-tapping screws						
	AC516CB	5/16"	5/16" A/C Compression Block Off	1/Pkg.	—	
	AC38CB	3/8"	3/8" A/C Compression Block Off	1/Pkg.	—	
	AC12CB	1/2"	1/2" A/C Compression Block Off	1/Pkg.	—	
	AC58CB	5/8"	5/8" A/C Compression Block Off	1/Pkg.	—	
	AC34CB	3/4"	3/4" A/C Compression Block Off	1/Pkg.	—	
IN LINE SERVICE PORTS						
	AC412L	1/2"	1/2" Service Port Valve - Low Side	1/Pkg.	—	
	AC458L	5/8"	5/8" Service Port Valve - Low Side	1/Pkg.	—	
	AC438H	3/8"	3/8" Service Port Valve - High Side	1/Pkg.	—	
	AC412H	1/2"	1/2" Service Port Valve - High Side	1/Pkg.	—	
	PART #	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN AC1387	
HOSE SPLICERS Includes two clamp holders and four clamps						
	AC370606	#6	#6 Hose to #6 Hose In Line Splicer	1/Pkg.	1	
	AC370808	#8	#8 Hose to #8 Hose In Line Splicer	1/Pkg.	1	
	AC371010	#10	#10 Hose to #10 Hose In Line Splicer	1/Pkg.	1	
	AC371212	#12	#12 Hose to #12 Hose In Line Splicer	1/Pkg.	1	
HOSE						
	AC6H	#6	#6 A/C Hose - 5/16" (8mm)	Printed On Hose	10' Roll	5'
	AC6H25	#6	#6 A/C Hose - 5/16" (8mm)		25' Roll	—
	AC8H	#8	#8 A/C Hose - 13/32" (10mm)	Printed On Hose	10' Roll	5'
	AC8H25	#8	#8 A/C Hose - 13/32" (10mm)		25' Roll	—
	AC10H	#10	#10 A/C Hose - 1/2" (13mm)	Printed On Hose	10' Roll	5'
	AC10H25	#10	#10 A/C Hose - 1/2" (13mm)		25' Roll	—
	AC12H	#12	#12 A/C Hose - 5/8" (16mm)	Printed On Hose	10' Roll	5'
AC12H25	#12	#12 A/C Hose - 5/8" (16mm)	25' Roll		—	
CLAMP HOLDERS & CLAMPS						
	AC6C	#6	#6 Clamp Holders (5) & Clamps (10)	5,10/Pkg.	1	
	AC8C	#8	#8 Clamp Holders (5) & Clamps (10)	5,10/Pkg.	1	
	AC10C	#10	#10 Clamp Holders (5) & Clamps (10)	5,10/Pkg.	1	
	AC12C	#12	#12 Clamp Holders (5) & Clamps (10)	5,10/Pkg.	1	


AIR CONDITIONING


A/C PARTS LISTING - SAE (Continued)					
	PART #	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN AC1387
HOSE CUTTER & CLAMP PLIERS					
	CP360	#6, #8 #10, #12	360° Seal Clamp Pliers	1/Pkg.	1
	TC35	#6, #8 #10, #12	Tube & Hose Cutter	1/Pkg.	1

AC40 PARTS LISTING - SAE					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC40
COMPRESSION UNIONS					
	AC38	3/8"	3/8" A/C Compression Union	1/Pkg.	1
	AC12	1/2"	1/2" A/C Compression Union	1/Pkg.	1
	AC58	5/8"	5/8" A/C Compression Union	1/Pkg.	1
	AC34	3/4"	3/4" A/C Compression Union	1/Pkg.	1

AC80 PARTS LISTING - SAE					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC80
COMPRESSION BLOCK OFFS					
	AC38CB	3/8"	3/8" A/C Compression Block Off	1/Pkg.	1
	AC12CB	1/2"	1/2" A/C Compression Block Off	1/Pkg.	1
	AC58CB	5/8"	5/8" A/C Compression Block Off	1/Pkg.	1
	AC34CB	3/4"	3/4" A/C Compression Block Off	1/Pkg.	1

AC50M PARTS LISTING - METRIC					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC50M
COMPRESSION UNIONS					
	AC8M	8mm	8mm A/C Compression Union	1/Pkg.	1
	AC10M	10mm	10mm A/C Compression Union	1/Pkg.	1
	AC12M	12mm	12mm A/C Compression Union	1/Pkg.	1
	AC15M	15mm	15mm A/C Compression Union	1/Pkg.	1
	AC16M	16mm	16mm A/C Compression Union	1/Pkg.	1
	AC19M	19mm	19mm A/C Compression Union	1/Pkg.	1

AC90M PARTS LISTING - METRIC					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC90M
COMPRESSION BLOCK OFFS					
	AC8MCB	8mm	8mm A/C Compression Block Off	1/Pkg.	1
	AC10MCB	10mm	10mm A/C Compression Block Off	1/Pkg.	1
	AC12MCB	12mm	12mm A/C Compression Block Off	1/Pkg.	1
	AC15MCB	15mm	15mm A/C Compression Block Off	1/Pkg.	1
	AC16MCB	16mm	16mm A/C Compression Block Off	1/Pkg.	1
	AC19MCB	19mm	19mm A/C Compression Block Off	1/Pkg.	1

HOSE TO COMPRESSION UNION ADAPTERS-STRAIGHT-METRIC <small>Includes one clamp holder and two clamps</small>					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	
	AC168M	8mm	#6 Hose to 8mm Compression Union	1/Pkg.	—
	AC1610M	10mm	#6 Hose to 10mm Compression Union	1/Pkg.	—
	AC1812M	12mm	#8 Hose to 12mm Compression Union	1/Pkg.	—
	AC11015M	15mm	#10 Hose to 15mm Compression Union	1/Pkg.	—
	AC11016M	16mm	#10 Hose to 16mm Compression Union	1/Pkg.	—
	AC11219M	19mm	#12 Hose to 19mm Compression Union	1/Pkg.	—



TR555 Deluxe Transmission Oil Cooler Line Repair Kit

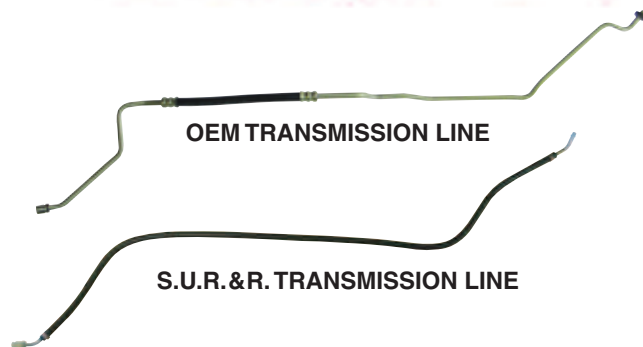
Kit includes 80 pieces plus 15' hose



Replace or Repair Transmission Oil Cooler Lines for Virtually Any Vehicle Within Minutes.

- Use to replace or make repairs on both 5/16" & 3/8" lines
- Convenient, all-in-one kit pays for itself in as little as one job
- Hundreds of domestic and foreign applications
- Perfect for damaged lines including rust, cracks, pinholes, and more
- Triple-walled rubber hose safe and durable; pressure rated up to 250 PSI/ temperatures up to 350° F

**New and Improved!
Featuring OE High-Temp
Rubber Hose**



**Make a New Line or Repair a Leak
in as Little as 5 Minutes!**

Easy Assembly

Repair transmission lines in minutes



1 Push on rubber hose to fitting.



2 Crimp clamp.



PROBLEM
Leaking transmission line connector.



PROBLEM SOLVED
With quick connect and new transmission line.

Includes Popular, Hard-To-Find Fittings



TR620
3/8" Inverted Flare Nut
[5/8"-18 w/Dog Ear]



TR610
3/8" Bubble Flare Nut
M16x1.5



TR750
Dodge/Jeep
Trany Line



TR755
Ford Trany Line



TR765
GM Trany Line



TR970
3/8" GM 45° Male To Rubber

TRANSMISSION




TRANSMISSION

TRANSMISSION PARTS LISTING

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN TR555
RUBBER HOSE					
	TR516H	5/16" 3/8"	5/16" Transmission Rubber Hose UNIVERSAL - use for both 5/16" & 3/8" repairs	25' Roll	15'
LINE CONNECTORS					
	TR750	3/8"	Dodge/Jeep Trany Line	1/Pkg.	1
	TR755	3/8"	Ford Trany Line	1/Pkg.	1
	TR760	5/16"	GM Trany Line	1/Pkg.	1
	TR765	3/8"	GM Trany Line	1/Pkg.	1
	TR770	3/8"	GM Trany Line	1/Pkg.	1
LINE NUTS					
	TR605	3/8"	3/8" Inverted Flare Nut 5/8"-18 - use with TR985 & TR990	4/Pkg.	4
	TR610	3/8"	3/8" Bubble Flare Nut M16 x 1.5 - use with TR985 & TR990	4/Pkg.	4
	TR615	3/8"	3/8" Bubble Flare Nut M18 x 1.5 - use with TR985 & TR990	4/Pkg.	4
	TR620	3/8"	3/8" Inverted Flare Nut [5/8"-18 w/Dog Ear] - use with TR985 & TR990	2/Pkg.	2
LINE ADAPTERS					
	TR405	5/16"	5/16" Steel Compression To 5/16" Rubber	2/Pkg.	1
	TR410	3/8"	3/8" Steel Compression To 5/16" Rubber	2/Pkg.	1
	TR935	5/16"	5/16" Inverted Flare w/ 5/8"-18 Nut To Rubber	2/Pkg.	2
	TR940	5/16"	5/16" GM O-Ring w/ 1/2"-20 Nut To Rubber	2/Pkg.	2
	TR945	5/16"	5/16" Inverted Flare w/ 1/2"-20 Nut To Rubber	2/Pkg.	2

TRANSMISSION PARTS LISTING (Continued)

	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN TR555
LINE ADAPTERS (Continued)					
	TR950	5/16"	5/16" Rubber To Rubber Connector	2/Pkg.	1
	TR955	5/16"	5/16" Quick Connect To Rubber	2/Pkg.	1
	TR960	3/8"	3/8" & 5/16" Rubber To Rubber Connector	2/Pkg.	1
	TR965	3/8"	3/8" Quick Connect To Rubber	2/Pkg.	1
	TR970	3/8"	3/8" GM 45° Male To Rubber	2/Pkg.	1
	TR975	3/8"	3/8" GM 90° Male To Rubber	2/Pkg.	1
	TR980	3/8"	3/8" GM Straight Male To Rubber	2/Pkg.	2
	TR985	3/8"	3/8" Inverted Flare To Rubber - use with TR605, TR610, TR615 & TR620	2/Pkg.	2
	TR990	3/8"	3/8" GM O-Ring To Rubber - use with TR605, TR610, TR615 & TR620	2/Pkg.	2
UNIVERSAL QUICK CONNECT					
	TR720	3/8"	3/8" Straight Push Quick Connect To Rubber	2/Pkg.	1
TOOLS & ACCESSORIES					
	CL12	1/2"	1/2" Hanger Clamp (includes screw) - use with TR516H 5/16" Rubber Hose	10/Pkg.	10
	CP360	5/16" 3/8"	360° Seal Clamp Pliers	1/Pkg.	1
	TC35	5/16" 3/8"	Tube & Hose Cutter	1/Pkg.	1
	K6806	9/16"	9/16" Seal Clamp - use with TR516H 5/16" Rubber Hose	10/Pkg.	21
	TR775	3/8"	3/8" Trany Connector Clip	5/Pkg.	5

COOLANT

HL427 Heater Line Repair Kit

*Perfect for Vans, SUV's and Other Vehicles
with Failed Rear Heater Lines and Systems.*

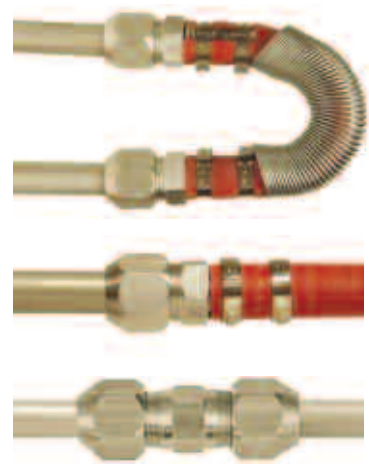
*Pays For
Itself in as
Little as
One Job!*



- Repair damaged heater lines including pinholes, cracks, kinks and more
- Covers most common SAE and metric lines including 1/2", 5/8", 13mm and 16mm. 3/4" also available (sold separately).
- Make connections easily by hand; no specialty tools required
- OE style hose easy to route
- On-the-car repairs made simple



*Save Hundreds
On Each Repair!*



**Rear Heater Core
Block Off Repair**

**Line Section
Repair**

**Pinhole and
Crack Repair**

Easy Assembly

Repair lines in minutes. It's as simple as 1, 2, 3!



1 Place clamp onto hose, push adapter into hose.



2 Crimp with clamp pliers.









3 Tighten compression union onto aluminum line.



DOUBLE SEAL TECHNOLOGY



HEATER PARTS LISTING					
	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN HL427
COMPRESSION UNIONS					
	HL12	1/2" (13mm)	1/2" Heater Compression Union	1/Pkg.	1
	HL58	5/8" (16mm)	5/8" Heater Compression Union	1/Pkg.	1
	HL34	3/4"	3/4" Heater Compression Union	1/Pkg.	—
HOSE TO COMPRESSION UNION ADAPTERS - STRAIGHT			Includes dual clamp		
	HL11212	1/2" (13mm)	1/2" Hose To 1/2" Compression Union	1/Pkg.	2
	HL11258	5/8" (16mm)	1/2" Hose To 5/8" Compression Union	1/Pkg.	2
	HL11234	3/4"	1/2" Hose To 3/4" Compression Union	1/Pkg.	—
HOSE					
	HL12H	Universal	1/2" Heater Hose	10' Roll	1
	HL12H25		1/2" Heater Hose	25' Roll	—
<i>UNIVERSAL HOSE - Use with all S.U.R.&R. Heater Adapters</i>					
DUAL CLAMP					
	HL34C	3/4"	3/4" Heater Hose Dual Clamp	5/Pkg.	4
<i>Use with 1/2" Heater Hose</i>					
HOSE SPRING					
	SP34	3/4"	3/4" Heater Hose Spring	1/Pkg.	1
<i>Use with 1/2" Heater Hose</i>					
CLAMP PLIERS					
	CP360	1/4" to 1"	360° Seal Clamp Pliers	1/Pkg.	1

SPECIALTY TOOLS

SPECIALTY TOOLS

NOBODY MAKES YOUR JOB EASIER THAN S.U.R.&R.



CUTTING

Cutting Doesn't Get Any Easier Than This



FLARING

Perfect Flare Every Time



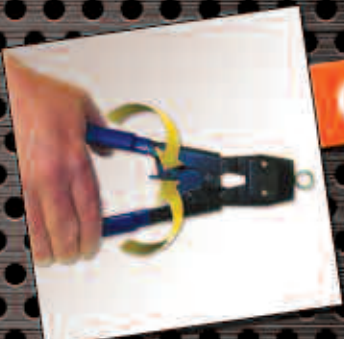
STRAIGHTENING

Straighten Tubing for a Professional Look



LINE PREP

Prepare Tubing for Flaring in Seconds



CLAMPING

Ratcheting Action for Maximum Clamping Power



BENDING

Makes Sharp Bends Without Kinking Lines



TESTING

Accurately Diagnose Fuel Delivery Problems



STOP THE MESS

Prevent Messy Fluid Leaks During Service



HFT50 HYDRA-Assist Flaring Tool

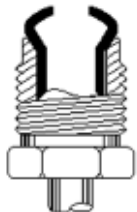
*On the Car Flaring
Made Easy*



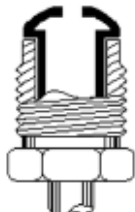
**Simple
Set-Up
for Fast
Flaring!**

- Hydraulic Assist T-Handle Ram
- Quick Chuck for Fast Punch Changeover
- S-Lock for Quick Assembly
- Dual Handle Placement for Ease of Use
- Use with ULTRABEND, Stainless Steel and Steel Tubing

Create SAE and DIN flares instantly!
3/16" • 4.75mm • 1/4"



SAE (single)
"Bubble"



DIN (single)
"Mushroom"



SAE (double)



**Quick Chuck for Fast
Punch Changeover.**



S-Lock for Quick Assembly.

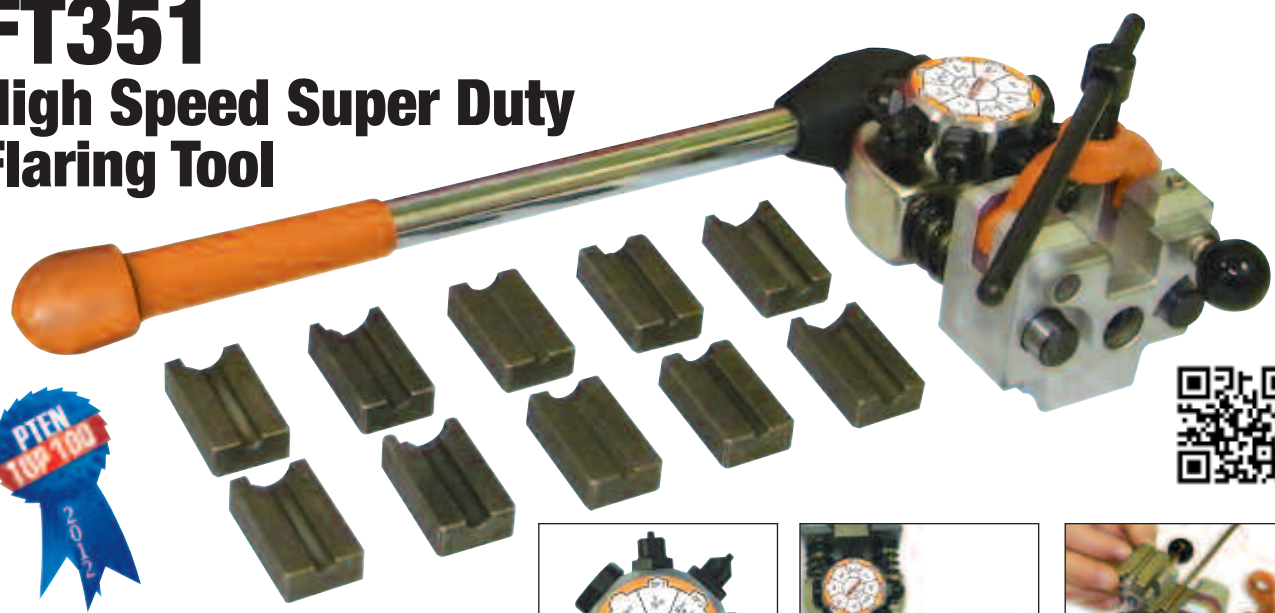
ORDER INFORMATION - HFT50

PART #	DESCRIPTION	REORDER QTY.	PCS. IN HFT50
HFT205	Die - 3/16"/4.75mm - 45° & DIN	1/Pkg.	1
HFT210	Die - 1/4" - 45° & DIN	1/Pkg.	1
HFT305	Punch - 3/16"/4.75mm - 45° Op. 1	1/Pkg.	1
HFT310	Punch - 1/4" - 45° Op. 1	1/Pkg.	1
HFT315	Punch - 3/16"/4.75mm - DIN	1/Pkg.	1
HFT320	Punch - 1/4" - DIN	1/Pkg.	1
HFT325	Punch - 3/16"/4.75mm & 1/4"-45° Op. 2	1/Pkg.	1
HFT605	HFT50 Allen Screw	1/Pkg.	1
HFT610	HFT50 S-Hook	1/Pkg.	1
HFT615	HFT50 Main Body	1/Pkg.	1
HFT620	HFT50 Handle	1/Pkg.	1
HFT625	Hydra-Assist T-Handle Ram Assembly	1/Pkg.	1
HFT630	HFT50 Plastic Carry Case	1/Pkg.	1



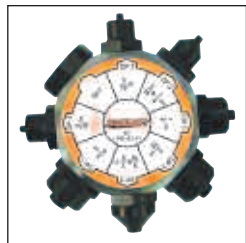
SPECIALTY TOOLS

FT351 High Speed Super Duty Flaring Tool



Produce OE Quality Flares in Seconds!

- Creates 45° single and double flares including DIN
- Cam lever operation provides speed and efficiency
- Use with ULTRABEND, stainless steel and steel tubing
- Includes 5 die sets and 7 punches
- Sizes 3/16", 1/4", 5/16", 3/8" and 4.75mm
- Additional tooling available for 1/2" and 37° flares



"Dial-A-Size" turret.

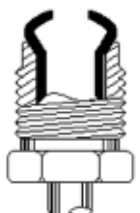


High-speed cam lever.

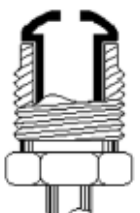


A perfect flare every time.

Create SAE and DIN Flares Instantly!



SAE (single)
"Bubble"



DIN (single)
"Mushroom"

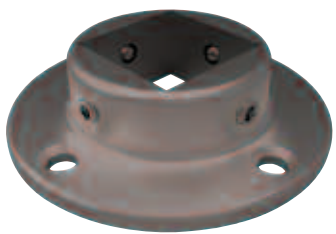


SAE (double)

FT351M Flaring Tool Bench Mount

Produce OE Quality Flares in Seconds!

- Permanent mounting for ease of operation
- Free up vice for other uses



ORDER INFORMATION - FT351

PART #	DESCRIPTION	REORDER QTY.	PCS. IN FT351
FT205	Die - 3/16" & 4.75mm - 45°	1/Pkg.	1
FT210	Die - 1/4" - 45°	1/Pkg.	1
FT215	Die - 5/16" - 45°	1/Pkg.	1
FT220	Die - 3/8" - 45°	1/Pkg.	1
FT225	Die - 1/2" - 45°	1/Pkg.	—
FT230	Die - 6mm - 45°	1/Pkg.	—
FT235	Die - 8mm - 45°	1/Pkg.	—
FT240	Die - 10mm - 45°	1/Pkg.	—
FT245	Die - 3/16" & 4.75mm - 37°	1/Pkg.	—
FT250	Die - 1/4" - 37°	1/Pkg.	—
FT255	Die - 5/16" - 37°	1/Pkg.	—
FT260	Die - 3/8" - 37°	1/Pkg.	—
FT265	Die - 1/2" - 37°	1/Pkg.	—
FT285	Die - 3/16" - DIN	1/Pkg.	1
FT290	Die - 1/4" - DIN	1/Pkg.	—
FT405	Punch - 3/16" & 4.75mm - 37° & 45° Op. 1	1/Pkg.	1
FT410	Punch - 1/4" & 6mm - 37° & 45° Op. 1	1/Pkg.	1
FT415	Punch - 5/16" & 8mm - 37° & 45° Op. 1	1/Pkg.	1
FT420	Punch - 3/8" & 10mm - 37° & 45° Op. 1	1/Pkg.	1
FT425	Punch - 1/2" - 37° & 45° Op. 1	1/Pkg.	—
FT430	Punch - 3/16" - DIN	1/Pkg.	1
FT435	Punch - 1/4" - DIN	1/Pkg.	—
FT483	Punch - Tube Stop	1/Pkg.	1
FT505	Punch - 3/16", 4.75mm, 1/4", & 6mm-Op. 2-45°	1/Pkg.	1
FT510	Punch - 5/16", 8mm, 3/8", & 10mm-Op. 2-45°	1/Pkg.	1
FT515	Punch - 1/2" - Op. 2 - 45°	1/Pkg.	—
FT520	Punch - 3/16", 4.75mm, 1/4", & 6mm-Op. 2-37°	1/Pkg.	—
FT525	Punch - 5/16", 8mm, 3/8", & 10mm-Op. 2-37°	1/Pkg.	—
FT530	Punch - 1/2" - Op. 2 - 37°	1/Pkg.	—

TC60 Automatic/Ratcheting Tubing Cutter

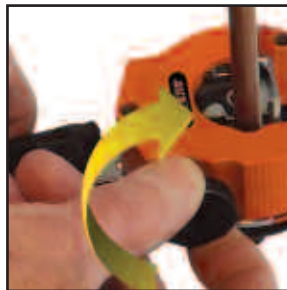
*Innovative Design, Great For:
Brake • Fuel • A/C • Trany & More!*

- Easily cuts 3/16" - 5/8" tubing
- Spring-Loaded Automatic Cutter
- Ratcheting Action Handle
- Removable Cutting Head
- Replacement blades available (Part# TC60B)



*Tighten Once and
Spring-Loaded Cutter Does the Rest!*

*Cutting
Doesn't Get
Any Easier
Than This!*



Spring-loaded automatic cutter. Snug down onto tubing, then turn knob 360°.



Ratcheting action handle perfect for hard-to-reach places.



Removable cutting head great for tight spaces.

FLS330 Fluid Line Stopper Clamps

4 Piece Clamp Set

- Universal design - use to plug lines 3/16" to 1/2" including banjo fittings
- Prevents messy fluid leaks and contamination during service
- Perfect for line repairs including brake, transmission, A/C, fuel and more!

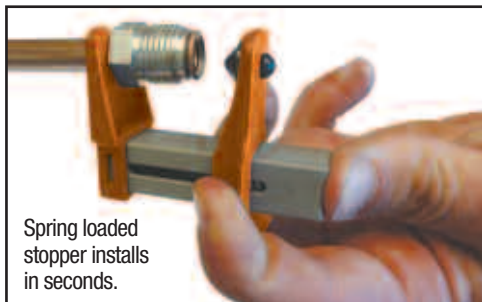


FLSBAN

FLS516

FLS38

FLS12



Spring loaded stopper installs in seconds.



Use on banjo fittings up to 1/2".

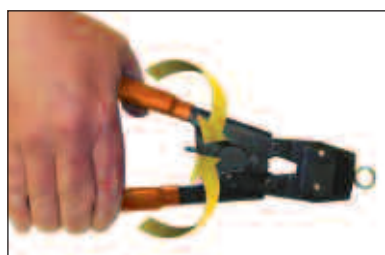
*Prevents
Messy Fluid
Leaks During
Service*

SPECIALTY TOOLS

CP90 Heavy Duty Ratcheting Seal Clamp Pliers

Make Secure Connections in Seconds!

- Ratcheting action provides maximum leverage for making secure high-pressure connections
- Numerous applications including fuel lines, A/C lines, transmission lines and axle boots
- Use with 1/4" to 1" clamp sizes
- Heavy duty construction for long lasting performance
- More effective than conventional clamp pliers



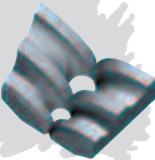
**Works with
Single or Double
Ear 360° Seal
Clamps**

**Ratcheting action for
maximum clamping power!**

TP14316 Tubing Pliers

Larger Jaw Design

- Perfect bend without kinking



**Make Sharp Bends
Without Kinking.**

- Wide grip handle helps provide maximum leverage
- Specially designed to grip and hold tubing
- Works with S.U.R.&R. ULTRABEND and steel brake line



Allows a tight 90° bend on the tubing right at the nut.



**Works
with both
3/16" & 1/4"
Sizes**

TS14316 Tubing Straightener & Bending Pliers

**Straighten or Bend Tubing
for a Professional Look.**

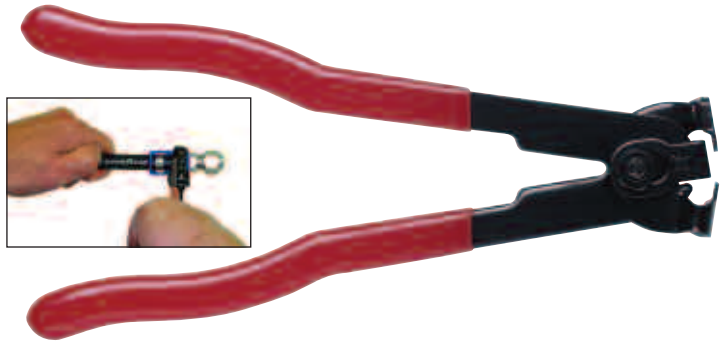
- Works with both 3/16" and 1/4" sizes
- Works with S.U.R.&R. ULTRABEND and steel brake line



CP360 360° Seal Clamp Pliers

Durable Pliers Designed for Use with Primary Seal Clamp Applications Including Fuel, A/C, and Coolant Lines.

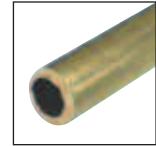
- Makes consistent, uniform seals which prevent damage to hose
- Durable construction including protective handle grip



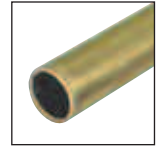
RM69 Brake Tubing Reamer

Prepare Tubing for Flaring in Seconds.

- Deburr 3/16", 1/4", 5/16", & 3/8" tubing
- Advanced six-flute design produces smoother, cleaner tubing



After cutting, tubing needs deburred.



Deburred tubing is smooth, ready for flaring.

TC35 & TC-1 Tubing & Hose Cutters

Excellent for Use in Shop or Home.

TC35

- Cuts up to 1-1/4" O.D.
- Razor-sharp blade
- Includes two-sided blade ideal for applications involving extended use
- Replacement blades available (Part# TC35B)

TC-1

- Perfect for cutting nylon tubing without collapsing walls
- Compact design great for carrying in pocket and working within tight spaces
- Cuts up to 1/2" O.D.



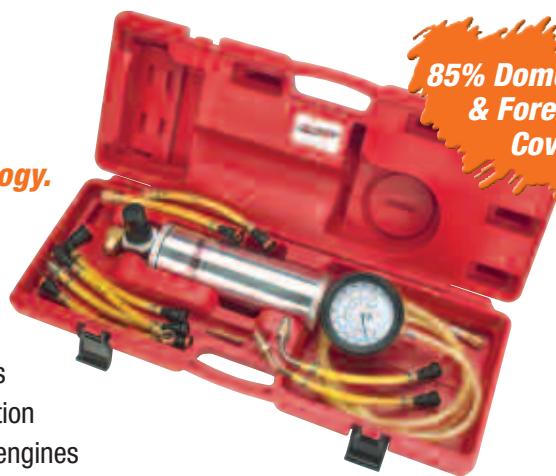
SPECIALTY TOOLS



FIC203 Fuel Injection Cleaner Kit

Advanced Fuel System Cleaning Technology.

- Powerful cleaning of fuel injectors, intake valves, and fuel passages
- Cleans more thoroughly than aerosol methods
- Easy to connect and use with shop air
- S.U.R.&R.-exclusive, Universal Quick Connectors
- Holds up to 18 ounces of canister cleaning solution
- Can be used with both gasoline and diesel fuel engines



85% Domestic & Foreign Coverage



FIC201
Fuel Injection Cleaner Canister
(line adapters not included)

FPT22 Deluxe Fuel Injection Pressure Tester Kit

Accurately Diagnose Fuel Delivery Problems Including Faulty Fuel Pumps, Pressure Regulators, Fuel Lines, Check Valves, and Fuel Filters.

- S.U.R.&R.-exclusive, Universal Quick Connectors
- Extra-long, 9 ft. hose for ease of use inside vehicle cabin
- Unique gauge cover features suction cup back for attaching tester to window during drivability testing
- Relief valve included for fuel flow testing
- View aerated fuel through transparent line adapters



90% Domestic & Foreign Coverage



FPT10
Fuel Injection Pressure Tester Kit
(line adapters not included)



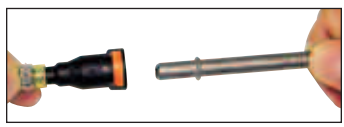
90% Domestic & Foreign Coverage

FPT290 Deluxe Fuel Pressure Tester Adapter Kit

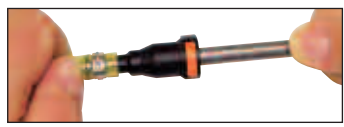
Universal Adapter Set Connects Fuel Pressure Testers and Injection Cleaner Canisters to Virtually Any Vehicle.

- 21-piece kit fits over 90% of domestic and foreign vehicles
- 6 ft. extension hose allows pressure gauge to be read inside vehicle during drivability testing
- Specially designed inline T-Connector makes it simple to connect and troubleshoot fuel pressure problems
- Save hundreds on adapter lines
- Most user-friendly adapter set on the market

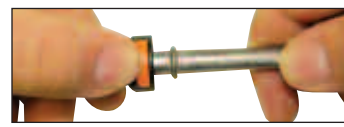
Click It. *Advanced Quick Connect Technology*



1 To connect, insert line end into Quick Connector.



2 Push adapter over end until "click" sound occurs.



3 To disconnect, simply push button down with thumb and remove Quick Connector.



FIC203, FPT22 & FPT290 PARTS LISTING

	PART #	DESCRIPTION	PCS. IN FIC203	PCS. IN FPT22	PCS. IN FPT290
	720	Fuel Injection Canister Line Adapter	—	—	1
	721	Fuel Injection Canister Line Adapter	1	1	1
	722	Fuel Injection Canister Line Adapter	—	—	1
	FPT05	Shut Off Valve Assembly	—	1	1
	FSA10	5/16" Quick Connect Line Adapter [Female]	1	1	1
	FSA15	5/16" Quick Connect Line Adapter [Male]	—	1	1
	FSA20	3/8" Quick Connect Line Adapter [Female]	—	1	1
	FSA22	3' Extension Hose	—	1	—
	FSA25	3/8" Quick Connect Line Adapter [Male]	—	1	1
	FSA30	3/8" Quick Connect Line Adapter [90° Female]	1	1	1
	FSA32	6' Extension Hose	—	—	1
	FSA35	Schrader Valve Line Adapter Set (Large & Small)	1	1	1
	FSA40	3/8" GM Line Adapter [Female]	—	1	1
	FSA45	3/8" GM Line Adapter [Male]	—	1	1
	FSA46	3/8" GM Line Adapter [90° Male]	1	1	1
	FSA50	9/16" Female Spring Lock Line Adapter	—	1	1
	FSA55	9/16" Male Spring Lock Line Adapter	1	1	1
	FSA60	14mm Foreign Female Line Adapter	—	1	1
	FSA65	14mm Foreign Male Line Adapter	1	1	1
	FSA70	12mm Female Banjo Line Adapter	1	1	1
	FSA71	14mm Female Banjo Line Adapter	—	—	—
	FSA75	12mm Male Banjo Line Adapter	—	1	1



SPECIALTY TOOLS

HC102 Positive Seal Hose Clamp Kit

Superior 360° Sealing for High-to-Low Pressure Applications Including Fuel, A/C, and Coolant Lines.

- Features durable CP360 Seal Clamp Pliers with protective grip handle
- Includes 100 positive seal clamps with permanent, no leak seal
- Consistent, uniform seals prevent damage to hose

**Kit Includes
102 Pieces
& Pliers**



ORDER INFORMATION - HC102

PART #	DESCRIPTION	REORDER QTY.	PCS. IN HC102
K2978	1/4" 360° Seal Clamp	10/Pkg.	10
K2980	5/16" 360° Seal Clamp	10/Pkg.	10
K2982	3/8" 360° Seal Clamp	10/Pkg.	10
K2984	1/2" 360° Seal Clamp	10/Pkg.	10
K6806	9/16" 360° Seal Clamp	10/Pkg.	10
K6807	11/16" 360° Seal Clamp	10/Pkg.	10
K6808	23/32" 360° Seal Clamp	10/Pkg.	10
K6810	3/4" 360° Seal Clamp	10/Pkg.	10
K6811	7/8" 360° Seal Clamp	10/Pkg.	10
K6812	15/16" 360° Seal Clamp	10/Pkg.	10
CP360	360° Seal Clamp Pliers	1/Pkg.	1

BRC7 Heavy Duty Copper Washer Assortment Kit

Heavy Duty Copper Washers for Maximum Sealing Power. The Best Way to Seal High Pressure Hydraulic Braking Systems.

- Extra-thick washers make durable, tight connections to banjo bolts
- Reduced outer dimension for less interference



**Kit Includes
131 Pieces**

ORDER INFORMATION - BRC7

PART #	DESCRIPTION	REORDER QTY.	PCS. IN BRC7
BRC127	3/8" I.D. Copper Washer	10/Pkg.	20
BRC137	7/16" I.D. Copper Washer	10/Pkg.	20
BRC147	1/2" I.D. Copper Washer	10/Pkg.	20
BRC157	9/16" I.D. Copper Washer	10/Pkg.	10
BRC227	10mm I.D. Copper Washer	10/Pkg.	20
BRC247	12mm I.D. Copper Washer	10/Pkg.	20
BRC277	15mm I.D. Copper Washer	10/Pkg.	10
BRC287	16mm I.D. Copper Washer	10/Pkg.	10



EGR312 EGR Port Cleaning Kit

The Most Convenient Kit Available for Thoroughly Cleaning Out Clogged EGR Ports.

- Flexible, spring steel drill bit designed to easily route through EGR ports
- No need to remove the entire intake manifold
- Bits available in 9", 12", & 21" lengths
- More effective than other methods including use of speedometer cables and coat hangers
- Solves emission problems including high NOx levels and improves engine performance

4-Piece Kit Includes:

- 12" flexible EGR drill bit
- Two-sided steel pick
- Steel wire brush
- Transparent storage tube



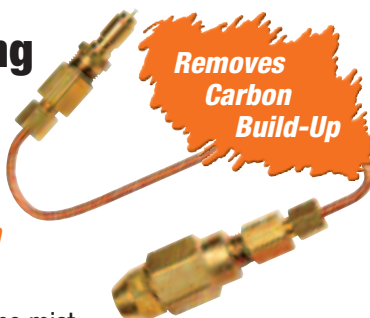
ORDER INFORMATION - EGR312

PART #	DESCRIPTION	REORDER QTY.	PCS. IN EGR312
EGR9	3/16" Flexible EGR Drill Bit - 9"	1	—
EGR12	3/16" Flexible EGR Drill Bit - 12"	1	1
EGR21	3/16" Flexible EGR Drill Bit - 21"	1	—
EGR1412	1/4" Flexible EGR Drill Bit - 12"	1	—

S-Tool Intake Cleaning Adapter Kit

Improve Fuel Performance by Removing Carbon Build-Up.

- Nozzle end produces fine mist spraying action for thorough cleaning of the air intake



FIC903 Intake System Cleaner Canister

Improves Engine Performance & Decreases Harmful Emissions

- Cleans gum, varnish, and carbon deposits from:

**Air Intake Systems
Combustion Chambers
EGR Valves
Intake Valves
Oxygen Sensors**

- Helps increase gas mileage
- Easy to use; fill with Air Intake Cleaning solution and connect into vacuum line
- Liquid filled gauge for accurate vacuum reading and monitoring chemical flow
- Provides more thorough cleaning than other methods



**GROUND BREAKING
NEW TECHNOLOGY**

Available for 5/16" & 3/8" Lines



SV516 & SV38 Inline Schrader® Valves

5/16" PN# SV516
3/8" PN# SV38

Provides Easy Access for Connecting Fuel System Testing and Cleaning Equipment.

Universal - works with nylon, steel and rubber lines.



Nylon fuel line with inline Schrader valve.



Fuel pressure tester connected to inline Schrader valve.



Fuel injection cleaner connected to inline Schrader valve.

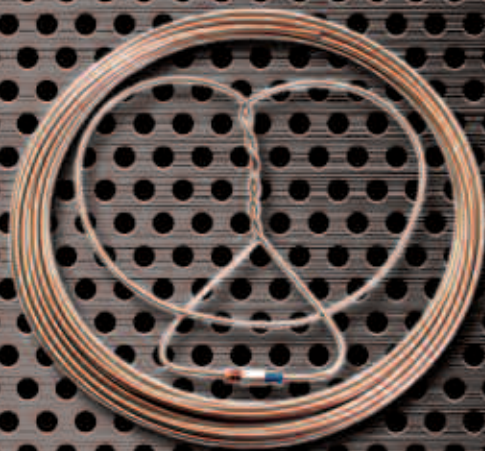
® Registered trademark Schrader International.

S.U.R.&R.

Featuring

ULTRABEND™

Brake Line Tubing



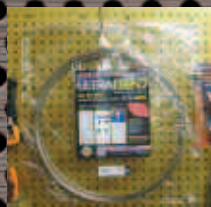
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*Comes in a heavy-duty,
reusable plastic bag which
helps protect tubing and
prevents contamination.*



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Part #CAT15
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