



# S.U.R.&R.

Vehicle Fluid Lines and Repair Kits

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

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

## PRODUCT CATALOG

• BRAKE

• FUEL

• AIR CONDITIONING

• POWER STEERING

• TRANSMISSION

• COOLANT

1.800.390.3996 [www.surrauto.com](http://www.surrauto.com)

S.U.R.&R. is a division of the Husky Corporation



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



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.

DESCRIPTION	PART	QTY	PRICE	AMOUNT
A/C Service	NONSK	1.00	119.99	119.99
S.U.R.&R. A/C Line Repair	NONSK	1.00	75.00	75.00
Installation Periodic Labor Charge Pt.	LABOR	1.00	70.00	70.00
Sub Total				264.99
Corporate			0.00	
Discount			0.00	
Tax			243.99	
Service Note				17.89
Sales Tax				282.88
Total				264.99

DESCRIPTION	PART	QTY	PRICE	AMOUNT
A/C Service	NONSK	1.00	119.99	119.99
S.U.R.&R. A/C Line Repair	NONSK	1.00	295.00	295.00
Labor	LABOR	2.00	70.00	140.00
Sub Total				514.99
Corporate			0.00	
Discount			0.00	
Tax			294.98	
Service Note				40.16
Sales Tax				635.14
Total				594.98



## **We've Got You Covered!**

### **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 3

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

## **FUEL**

Page 8

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

## **AIR CONDITIONING**

Page 13

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

## **POWER STEERING**

Page 16

*Use for power steering lines, clutch, industrial and heavy duty applications. On-the-car repairs.*

## **TRANSMISSION**

Page 17

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

## **COOLANT**

Page 20

*Perfect for vans, SUVs 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.*

# ULTRABEND™

## Brake Line Tubing

BRAKE



### 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)
	
<b>NO KINK</b> Thicker walls prevent kinking!	<b>KINK</b> Thinner walls more likely to kink
Triple Annealed for Easy Bending Rigorously Tested - Highest Quality	
	

SUR&R (USA MADE)	OTHERS (IMPORTED)
	
	
<b>THICKER WALLS</b>	<b>THINNER WALLS</b>
	
<b>CONSISTENT FLARES</b>	<b>INCONSISTENT FLARES</b>
Up to 40% Thicker Meets SAE standards J1650 of .028"	

<b>SUR&amp;R (USA MADE)</b> 
Higher Density (grain) Greater Strength
<b>OTHERS (IMPORTED)</b> 
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%

**Proudly Made in the USA!**

# BRAKE

BRAKE

## BR-EZ316 Brake Line Replacement Kit

Includes 112 pieces plus 25'  
ULTRABEND<sup>™</sup> brake tubing



PTEN  
#1 PRODUCT

95%  
Coverage

## BR-EZ14 Brake Line Replacement Kit

Includes 41 pieces plus 25'  
ULTRABEND<sup>™</sup> brake tubing



95%  
Coverage



**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<sup>™</sup> Brake Line Tubing**

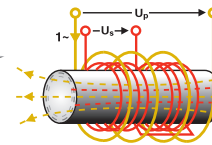
- Easy bending
- Simple routing
- No bending tools required
- Smooth flares create better fitting seals
- Conforms to SAE specifications, pressure-rated up to 3,000 PSI
- Cuts labor by more than 50%

**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<sup>™</sup> 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.

### 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
<b>ULTRABEND TUBING</b>						
	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	—	—
<b>BUBBLE FLARE NUTS</b>						
	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.	—	—
<b>INVERTED FLARE NUTS</b>						
	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
<b>INVERTED FLARE NUTS (Continued)</b>						
	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
<b>ADAPTERS</b>						
	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
<b>UNIONS</b>						
	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

Includes 169  
pieces plus  
75' tubing



**97%  
Coverage**

Includes 1/4", 5/16"  
and 3/8" line sizes

## 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.



S.U.R.&R. fuel lines use the latest, safest technology available; the same advanced technology used by new vehicle manufacturers.

## KP1200 Fuel Line Replacement Kit

Includes 52 pieces  
plus 30' tubing

**90%  
Coverage**

Includes 5/16"  
and 3/8" line sizes



## 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.

## KP1212 1/2" & 12mm Fuel Line Replacement Kit

Includes 35 pieces  
plus 25' tubing

Includes 1/2" and  
12mm line sizes

**Also Works  
With EVAP  
Lines**



### ORDER INFORMATION

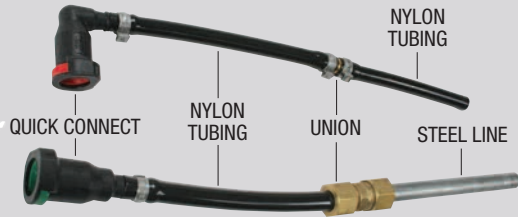
PART #	LINE SIZE	DESCRIPTION	QTY.
KP1200	5/16" & 3/8"	Fuel Line Replacement Kit	1
KP1212	1/2", 12mm	Fuel Line Replacement Kit	1
KP1500	1/4", 5/16", 3/8"	Deluxe Fuel Line Replacement Kit	1





## Whether You Want to Repair or Replace, S.U.R.&R. Fuel Line Kits Make it Simple!

### Example 1 - Simple Repair



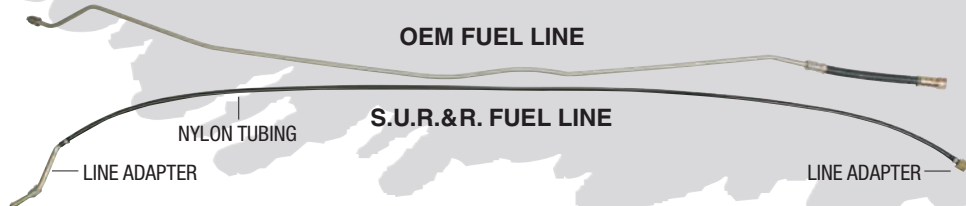
### Reduce Labor Time

- 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. Fuel Line - \$25

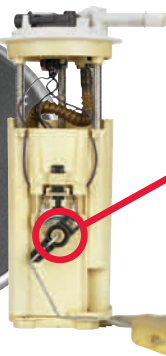
### Example 2 - Simple Replacement



## 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!



**Damaged**  
Worn, broken contacts cause inaccurate readings.



**Repaired**  
Easily replace contacts in minutes with the GM64.

## 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	PCS. IN KP1212
<b>UNIVERSAL QUICK CONNECTS</b> 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	—
	<b>K410</b>	<b>1/2"</b>	<b>1/2" To 1/2" Straight Push-On - NEW!</b>	<b>2/Pkg.</b>	—	—	2
<b>K435</b>	<b>1/2"</b>	<b>12mm To 1/2" Straight Push-On Metric - NEW!</b>	<b>2/Pkg.</b>	—	—	2	
	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	—
	<b>K415</b>	<b>1/2"</b>	<b>1/2" To 1/2" 90° Push-On - NEW!</b>	<b>2/Pkg.</b>	—	—	2
<b>K440</b>	<b>1/2"</b>	<b>12mm To 1/2" 90° Push-On Metric - NEW!</b>	<b>2/Pkg.</b>	—	—	2	
<b>LINE ADAPTERS</b> 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	—	—
	<b>K420</b>	<b>1/2"</b>	<b>1/2" Quick Connect To Nylon - NEW!</b>	<b>2/Pkg.</b>	—	—	2
<b>K445</b>	<b>1/2"</b>	<b>12mm Quick Connect To Nylon Metric - NEW!</b>	<b>2/Pkg.</b>	—	—	2	
	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	PCS. IN KP1212
<b>LINE ADAPTERS (Continued)</b> 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	—	—
	<b>K305</b>	<b>5/16"</b>	<b>9/16"-5/16" Male Spring Lock To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K315</b>	<b>5/16"</b>	<b>7/16"-5/16" Male Spring Lock To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K310</b>	<b>5/16"</b>	<b>9/16"-5/16" Female Spring Lock To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K320</b>	<b>5/16"</b>	<b>7/16"-5/16" Female Spring Lock To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K325</b>	<b>5/16"</b>	<b>12mm - 5/16" Banjo To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K335</b>	<b>5/16"</b>	<b>14mm - 5/16" Banjo To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	<b>K330</b>	<b>5/16"</b>	<b>12mm - 5/16" Banjo Bolt To Nylon - NEW!</b>	<b>1/Pkg.</b>	—	—	—
	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	—	—
<b>NYLON TUBING</b>							
	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	—	—	—
	<b>K405</b>	<b>1/2"</b>	<b>1/2" Nylon Tubing - NEW!</b>	Use for 1/2" & 12mm repairs	<b>25' Roll</b>	—	—



## FUEL PARTS LISTING (Continued)

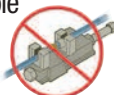
	PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN KP1500	PCS. IN KP1200	PCS. IN KP1212
<b>UNIONS</b> Connectors and adapters include corresponding clamps							
	K050	5/16"	5/16" Nylon To Steel Compression	2/Pkg.	2	1	—
	K055	5/16"	5/16" Nylon To Nylon Compression	2/Pkg.	2	—	—
	K060	3/8"	3/8" Nylon To 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	—	—
	<b>K430</b>	<b>1/2"</b>	<b>1/2" Nylon To Steel Compression - NEW!</b>	<b>2/Pkg.</b>	—	—	2
	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	—
	<b>K425</b>	<b>1/2"</b>	<b>1/2" Nylon To Nylon Push-On - NEW!</b>	<b>2/Pkg.</b>	—	—	2
<b>CLAMPS &amp; TUBING HOLDERS</b>							
	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.	—	—	16
	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	—
<b>TOOLS &amp; ACCESSORIES</b>							
	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	—
	CP360	Up To 1" O.D.	360° Seal Clamp Pliers	1/Pkg.	—	—	1
	TC-1	1/4" 5/16" 3/8"	Tubing & Hose Cutter	1/Pkg.	1	1	1

# AIR CONDITIONING

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, SUVs, 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  
47 pieces and 20' hose included



Features "Double Seal" Technology

## Makes Line Repairs Fast & Simple

### Sections/Failed Collars

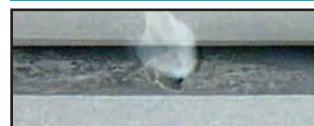


**PROBLEM** - Damaged A/C hose leaking at connection

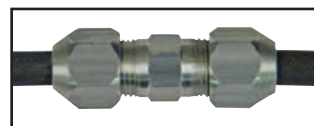


**PROBLEM SOLVED** - With hose to compression union adapter

### Cracks/Pinholes



**PROBLEM** - Damaged A/C aluminum line

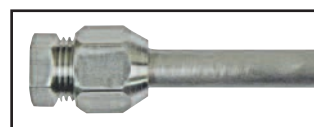


**PROBLEM SOLVED** - With compression union

### 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 19mm sizes



### AC90M Metric A/C Compression Block Off Kit

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



## Also Available - Specialty A/C Fittings



Installs in as little as 5 minutes!

### A/C Inline Service Ports

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

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 clamp onto hose, push adapter into hose.



**2**

Crimp with clamp pliers.












**3**



Tighten compression union onto aluminum line.






# AIR CONDITIONING


AIR CONDITIONING


A/C PARTS LISTING - SAE						
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC1387	
<b>COMPRESSION UNIONS</b>						
	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	
<b>HOSE TO COMPRESSION UNION ADAPTERS - STRAIGHT</b> Includes one clamps set						
	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	
<b>HOSE TO COMPRESSION UNION ADAPTERS - 90°</b> Includes one clamps set						
	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	
<b>LINE REDUCERS</b> Includes one clamps set						
	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.	—	
<b>COMPRESSION BLOCK OFFS</b> Includes clamp and self-tapping screw						
	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.	—	
<b>IN LINE SERVICE PORTS</b>						
	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	
<b>HOSE SPLICERS</b> Includes two clamps sets						
	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	
<b>HOSE</b>						
	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		—	
<b>CLAMPS SETS</b>						
	AC6806	#6	#6 Clamps Set - Blue Tab	5/Pkg.	5	
	AC6808	#8	#8 Clamps Set - Yellow Tab	5/Pkg.	5	
	AC6810	#10	#10 Clamps Set - Green Tab	5/Pkg.	5	
	AC6812	#12	#12 Clamps Set - Red Tab	5/Pkg.	5	

A/C PARTS LISTING - SAE (Continued)					
	PART #	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN AC1387
<b>HOSE CUTTER &amp; CLAMP PLIERS</b>					
	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
<b>COMPRESSION UNIONS</b>					
	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
<b>AC80 PARTS LISTING - SAE</b>					
	PART #	ALUMINUM LINE SIZE (O.D.)	DESCRIPTION	REORDER QTY.	PCS. IN AC80
<b>COMPRESSION BLOCK OFFS</b>					
	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
<b>COMPRESSION UNIONS</b>					
	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
<b>COMPRESSION BLOCK OFFS</b>					
	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 set</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.	—

# POWER STEERING



POWER STEERING

## PS1000

### Power Steering Hose Repair Kit

Includes 5 hoses (6", 12", 18", 24" & 30")  
& 5/16" Ferrules (Qty. 2)



**Repair High & Low Pressure Lines**

#### Get the Right Hose Every Time - When You Need It!

- Use to make 5/16" & 3/8" line repairs
- On-the-car repairs made easy
- 95% coverage (domestic & foreign)
- Universal - can be used to repair hundreds of different line types
- Use for power steering lines, clutch, industrial and heavy duty applications



**No Costly, Complicated Specialty Tool Required!**

#### Repair Leaking Hoses in Minutes



**COMMON PROBLEM**  
Leaking hose at collar



**PROBLEM SOLVED**  
With new *Power Steering Hose*

#### ORDER INFORMATION - PS1000

PART #	LINE SIZE	DESCRIPTION	REORDER QTY.	PCS. IN PS1000
PS16	3/8" x 5/16"	3/8" x 6" Power Steering Hose	1/Pkg.	1
PS112	3/8" x 5/16"	3/8" x 12" Power Steering Hose	1/Pkg.	1
PS118	3/8" x 5/16"	3/8" x 18" Power Steering Hose	1/Pkg.	1
PS124	3/8" x 5/16"	3/8" x 24" Power Steering Hose	1/Pkg.	1
PS130	3/8" x 5/16"	3/8" x 30" Power Steering Hose	1/Pkg.	1
PS810	5/16"	5/16" Compression Union Ferrule*	2/Pkg.	2

\* Use ferrule (PS810) for 5/16" lines (sold separately)



## HIGH Pressure

**Double Braided Hose Pressure Rated Up to 6,000 PSI**

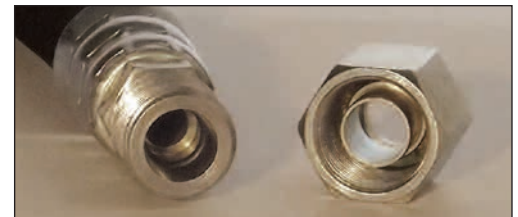


- Working Pressure 1,500 PSI, Burst Pressure 6,000 PSI
- Temperature Range (-40°F to +250°F, -40°C to +121°C)
- Exceeds SAE J188 Type 1 Specifications



## EASY Connect

**Safe - Heavy Duty Compression Connection**



- Patent Pending
- Features "Double Seal" Technology with O-Ring and Interchangeable Ferrule

### Easy Installation



**1**  
Cut tubing



**2**  
Push *Power Steering Hose* onto line



**3**  
Tighten with wrenches



# TRANSMISSION



TRANSMISSION

## TR555 Deluxe Transmission Oil Cooler Line Repair Kit

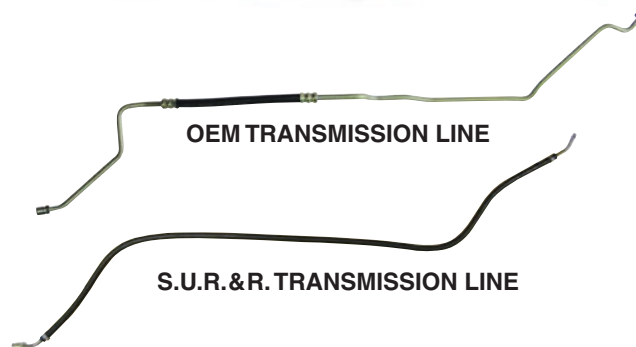
*Includes 80 pieces plus 15' hose*



*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.

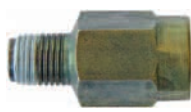
*Includes Popular, Hard-To-Find Fittings*



**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
<b>RUBBER HOSE</b>					
	TR516H	5/16" 3/8"	5/16" Transmission Rubber Hose UNIVERSAL - use for both 5/16" & 3/8" repairs	25' Roll	15'
<b>LINE CONNECTORS</b>					
	TR750	3/8"	Dodge/Jeep Trany Line	1/Pkg.	1
	TR755	3/8"	Ford Trany Line	1/Pkg.	1
	TR760	3/8"	GM Trany Line	1/Pkg.	1
	TR765	3/8"	GM Trany Line	1/Pkg.	1
	TR770	3/8"	GM Trany Line	1/Pkg.	1
<b>LINE NUTS</b>					
	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
<b>LINE ADAPTERS</b>					
	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
<b>LINE ADAPTERS (Continued)</b>					
	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
<b>UNIVERSAL QUICK CONNECT</b>					
	TR720	3/8"	3/8" Straight Push Quick Connect To Rubber	2/Pkg.	1
<b>TOOLS &amp; ACCESSORIES</b>					
	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

COOLANT

## HL427 Heater Line Repair Kit

Perfect for Vans, SUVs and Other Vehicles  
with Failed Rear Heater Lines and Systems

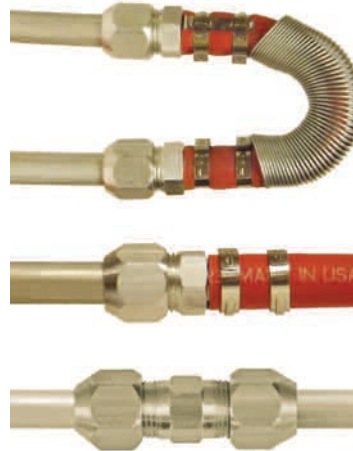
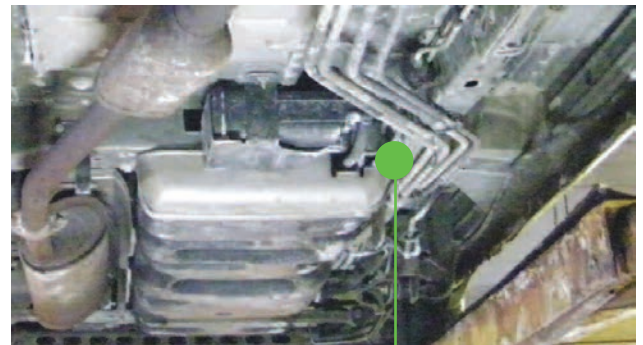
Pays For  
Itself in as  
Little as  
One Job!



- Covers most common SAE and metric lines including 1/2", 5/8", 13mm and 16mm. 3/4" also available (sold separately).
- Repair damaged heater lines including pinholes, cracks, kinks and more
- 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
<b>COMPRESSION UNIONS</b>					
	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.	—
<b>HOSE TO COMPRESSION UNION ADAPTERS - STRAIGHT</b>			<b>Includes dual clamp</b>		
	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.	—
<b>HOSE</b>					
	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.&amp;R. Heater Adapters</i>					
<b>DUAL CLAMP</b>					
	HL34C	3/4"	3/4" Heater Hose Dual Clamp <i>Use with 1/2" Heater Hose</i>	5/Pkg.	4
<b>HOSE SPRING</b>					
	SP34	3/4"	3/4" Heater Hose Spring <i>Use with 1/2" Heater Hose</i>	1/Pkg.	1
<b>CLAMP PLIERS</b>					
	CP360	1/4" to 1"	360° Seal Clamp Pliers	1/Pkg.	1

# SPECIALTY TOOLS

## NOBODY

### MAKES YOUR JOB EASIER THAN S.U.R.&K.

SPECIALTY TOOLS



### CUTTING

Cutting Doesn't Get Any Easier Than This



### FLARING

Perfect Flare Every Time

### LINE PREP

Prepare Tubing for Flaring in Seconds



### STRAIGHTENING

Straighten Tubing for a Professional Look



### BENDING

Makes Sharp Bends Without Kinking Lines



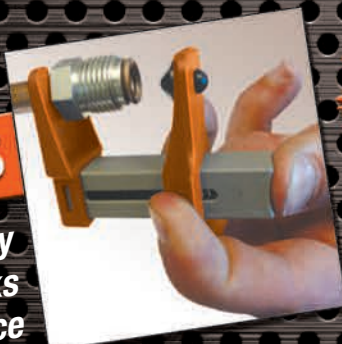
### CLAMPING

Ratcheting Action for Maximum Clamping Power



### STOP THE MESS

Prevent Messy Fluid Leaks During Service

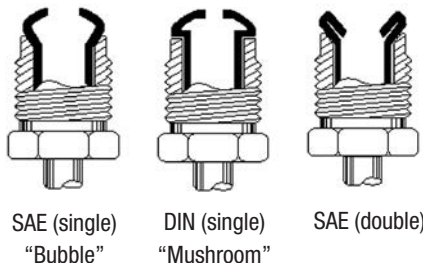


### TESTING

Accurately Diagnose Fuel Delivery Problems



Create SAE and DIN Flares Instantly with HFT50 & FT351



## HFT50 HYDRA-Assist Flaring Tool



Simple Set-Up for Fast Flaring!

On the Car Flaring Made Easy

- Sizes 3/16", 1/4" and 4.75mm (45°)
- 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



Quick chuck for fast punch change over.



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

## FT351 High Speed Super Duty Flaring Tool

Flaring Tool Bench Mount Also Available! (pg. 26)



Produce OE Quality Flares in Seconds!

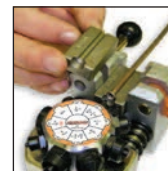
- Sizes 3/16", 1/4", 5/16", 3/8" and 4.75mm (45°)
- Cam lever operation provides speed and efficiency
- Use with **ULTRABEND**, stainless steel and steel tubing
- Includes 4 die sets and 7 punches
- Additional tooling available for 1/2" and 37° flares



"Dial-A-Size" turret.



High-speed cam lever.



A perfect flare every time.



### 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.	—
FT710	Blank Turret	1/Pkg.	—

# SPECIALTY TOOLS

SPECIALTY TOOLS

## 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)



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

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



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.

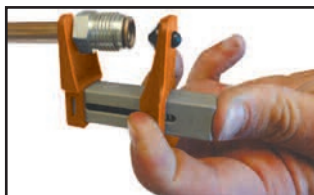


## FLS330 Fluid Line Stopper Clamps

**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!

**Prevents  
Messy Fluid  
Leaks During  
Service**



Spring loaded stopper installs in seconds.



Use on banjo fittings up to 1/2".



FLSBAN



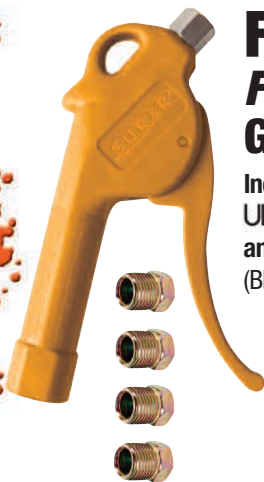
FLS516



FLS38



FLS12



## FA14 Flex Air Blow Gun Kit

**Includes: Flex Air Blow Gun (FA100),  
ULTRABEND Tubing (BR-EZ200 - 1/4"),  
and Tubing Connectors  
(BR1150 - Qty. 4 - 1/4" nuts)**

**Customize Your Own Nozzle Extension  
for Those Hard-to-Reach Places**



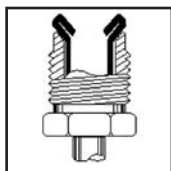
Cut ULTRABEND tubing to any desired length (2" to 25')

Bend ULTRABEND tubing to clean hard-to-reach areas

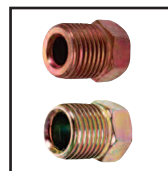
**Easy 1, 2, 3 Installation!**



Cut tubing to desired length



Flare tubing SAE (double) 7/16" - 24 thread



**Create and Connect Extension Using:**  
3/16" - BR145 & BR-EZ100 (sold separately)  
**OR**  
1/4" - BR1150 & BR-EZ200 (included in FA14 kit)

## FA100 Flex Air Blow Gun



**Includes:  
Blow Gun  
Create & Connect  
Extension Using:  
3/16" - BR145  
& BR-EZ100  
**OR**  
1/4" - BR1150  
& BR-EZ200  
(all sold separately)**



Use with  
S.U.R.&R.

**ULTRABEND**  
Brake Line Tubing



## CP90 Heavy Duty Ratcheting Seal Clamp Pliers

**Make Secure Connections in Seconds!**

- Use with 1/4" to 5" clamp sizes
- Ratcheting action provides maximum leverage for making secure high-pressure connections
- Numerous applications including fuel lines, A/C lines, transmission lines and axle boots
- Heavy duty construction for long lasting performance
- More effective than conventional clamp pliers



**Great for  
Large Sized  
Clamps**



**Works with single  
or double ear 360°  
seal clamps**

*Ratcheting action for  
maximum clamping power!*

## CP360 360° Seal Clamp Pliers

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

- Use with 1/4" to 1" clamp sizes
- Makes consistent, uniform seals which prevent damage to hose
- Durable construction including protective handle grip



## TP14316 Tubing Pliers

**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

**Larger Jaw Design**

- Perfect bend  
without  
kinking



**Works  
With Both  
3/16" & 1/4"  
Sizes**



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

## 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



# SPECIALTY TOOLS

SPECIALTY TOOLS

## 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

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



## FT351M Flaring Tool Bench Mount

*Produce OE Quality Flares in Seconds!*

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



Use with FT351 Flaring Tool (see pg. 23)

## UT15

### ULTRA Tough Tape

### High Performance Self-Fusing Silicone

*Great for Automotive and Other General Purpose Repairs!*

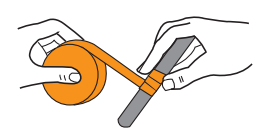
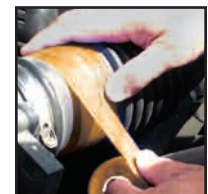
#### FOR REPAIRING

*Leaky Hoses, Tubing, Wiring Harnesses and Connections*

- Quick fix underhood repairs
- Airtight - no adhesive - waterproof seal
- Stretches 300% - insulates 8,000 V
- -65° F to 500° F / -56° C to 260° C
- Tear resistant - 85 PSI
- Resists UV, salt, oil and chemicals
- 10 ft. (3.05m) roll



*Used on Auto, Truck, RV, Off Road Vehicles and More!*





# TFS203

## 2in1 Fuel System

### Temporary Fuel Supply/ Fuel Injection Cleaner

*Drive Fuel-Starved Vehicles / Perform Fuel Injection Cleaning / Service Outside of the Shop With This Convenient 2-in-1 System*

Includes complete FIC203 and TAS3. See pg. 29 for complete list of adapters.

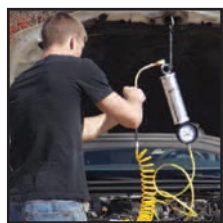
#### 1 Temporary Fuel Supply

- Provides approximately 5-15 minutes of run time
- S.U.R.&R. - exclusive **Quick Connectors work with virtually any vehicle**, connect directly to fuel rail
- Can be used with petroleum based cleaners, gas or diesel
- One person can move vehicle in just a few minutes



#### 2 Fuel Injection Cleaner

- Powerful cleaning of fuel injectors, intake valves and fuel passages
- Cleans more thoroughly than aerosol methods
- S.U.R.&R. - exclusive **Quick Connectors work with virtually any vehicle**
- Perform fuel injection cleaning services outside of shop
- Holds up to 18 ounces of canister cleaning solution



# TAS3

## Temporary Air Supply

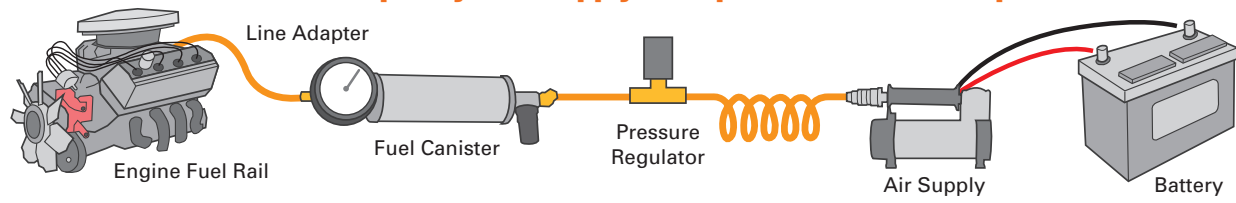
*Connect to Cleaner Canister for a Temporary Fuel Supply Usable on Fuel-Starved Vehicles*

- Connects to numerous types of injection cleaning canisters using universal connector
- Adjustable valve controls pressure up to 100 PSI maximum
- Small size for ease of placement within engine compartment



TAS3 works with canisters from numerous manufacturers. Canister NOT included with TAS3 (sold separately).

### Temporary Fuel Supply - Simple to Connect and Operate



# SPECIALTY TOOLS

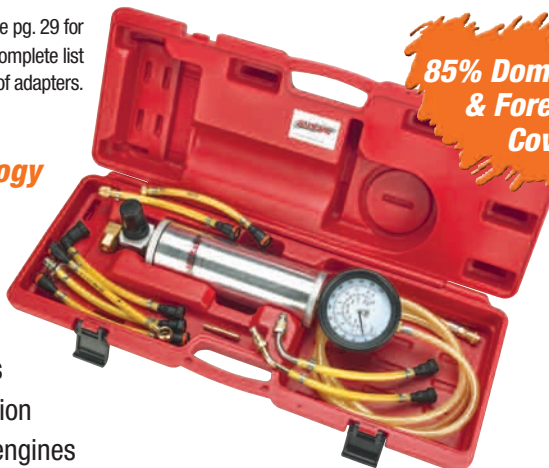
SPECIALTY TOOLS

## FIG203 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

See pg. 29 for complete list of adapters.



85% Domestic & Foreign Coverage



## FIG201

**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

See pg. 29 for complete list of 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*

See pg. 29 for complete list of adapters.

- 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 Shut Off Valve Assembly makes it simple to connect and troubleshoot fuel pressure problems
- Save hundreds on adapter lines
- Most user-friendly adapter set on the market

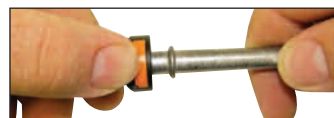
**Click It.** *Advanced Quick Connect Technology*



**1** To connect, insert line end into Quick Connector.



















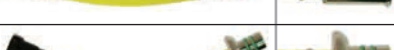





**2** Push adapter over end until "click" sound occurs.



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



**FIC203, FPT22, FPT290 & TFS203 PARTS LISTING**

	PART #	DESCRIPTION	PCS. IN FIC203/TFS203	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**



# SPECIALTY TOOLS

SPECIALTY TOOLS

## HC102

### Positive Seal Hose Clamp Kit

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

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



**Includes  
100 Clamps  
& 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



Extra-thick washers provide more durable sealing power.



**Includes  
130 Washers**

#### 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
- EGR312 includes 12" bit (additional bits available, sold separately)
- 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

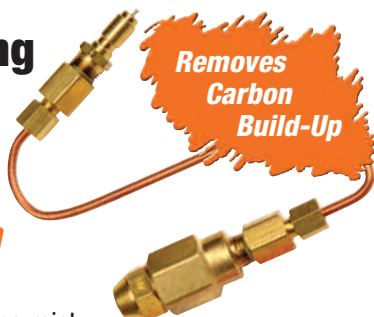


ORDER INFORMATION - EGR312			
PART #	DESCRIPTION	REORDER QTY.	PCS. IN EGR312
EGR9	3/16" Flexible EGR Drill Bit - 9"	1	—
EGR12	3/16" Flexible EGR Drill Bit - 12"	1	1
EGR21	3/16" Flexible EGR Drill Bit - 21"	1	—
EGR1412	1/4" Flexible EGR Drill Bit - 12"	1	—

## 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



## 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.

Vehicle Fluid Lines and Repair Kits

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

**NOBODY PUTS IT ON THE LINE LIKE S.U.R.&R.**  
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**BRAKE** **FUEL** **AIR CONDITIONING** **TRANSMISSION** **POWER STEERING**

**ULTRABEND**

**COOLANT**

**SPECIALTY TOOLS**

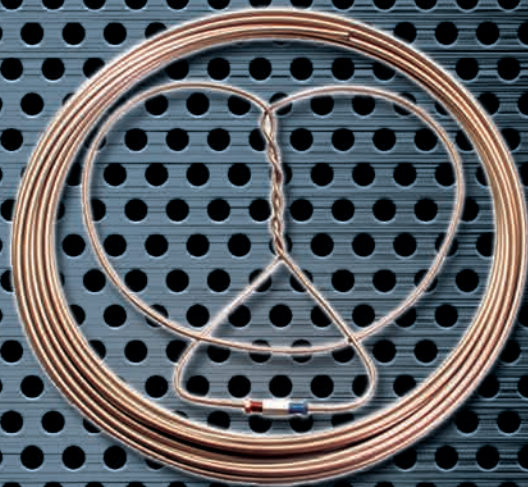
**ULTRABEND** **Often Imitated - Never Duplicated**  
**FACT: There is a DIFFERENCE!**

**FEEL SEE TRUST KNOW**

**Buy the Best!**  
Buy the Best!  
Buy the Best!

**1.800.390.3996** **www.surrauto.com**

# Featuring ULTRABEND™ Brake Line Tubing



### Buy the Best! Accept Nothing Less - Ask for ULTRABEND

**Proudly Made in the USA!**



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

### Convenient Poster Makes Parts Ordering Easy!

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