



**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





**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.



## ***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.*



# BRAKE

# ULTRABEND™

BRAKE

## 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)
	
<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"

SUR&R (USA MADE)	OTHERS (IMPORTED)
	
Higher Density (grain) Greater Strength	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 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**

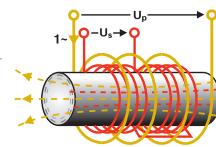
- Easy bending
- Simple routing
- No bending tools required
- Smooth flares create better fitting seals
- Conforms to SAE specifications, pressure-rated up to 3,000 PSI
- Cuts labor by more than 50%

**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

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
<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

BRAKE

## 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
BBT00L	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**



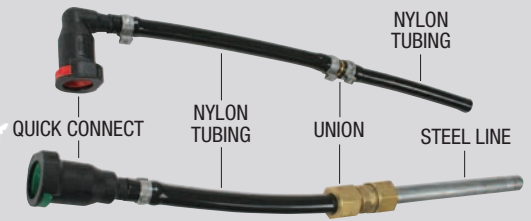
### ORDER INFORMATION

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



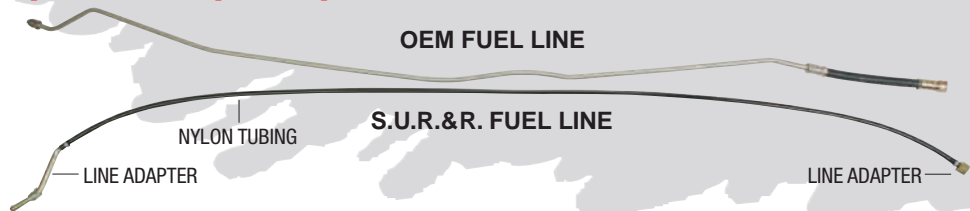
### Reduce Labor Time

- 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

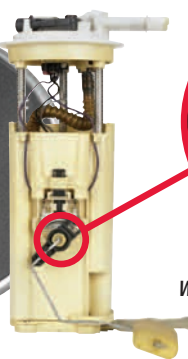
### Example 2 - Simple Replacement



## 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>	—	—	25'



## 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>	<b>—</b>	<b>—</b>	<b>2</b>
	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>	<b>—</b>	<b>—</b>	<b>2</b>
<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

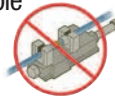


# AIR CONDITIONING

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

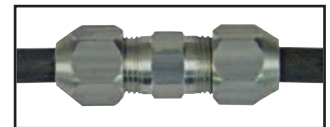


**PROBLEM SOLVED** - With hose to compression union adapter

### Cracks/Pinholes



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

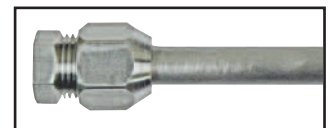


**PROBLEM SOLVED** - With compression union

### 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

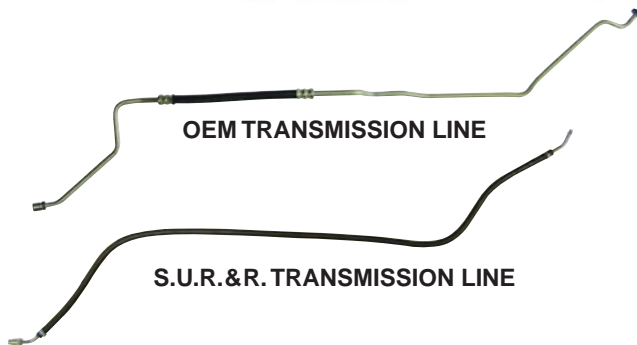
*Includes 80 pieces plus 15' hose*



*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.

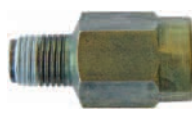
*Includes Popular, Hard-To-Find Fittings*



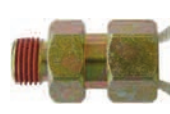
**TR620**  
3/8" Inverted Flare Nut  
[5/8"-18 w/Dog Ear]



**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*

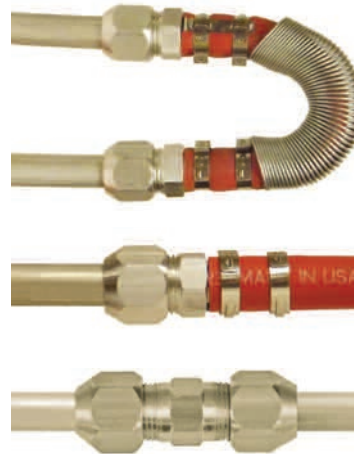
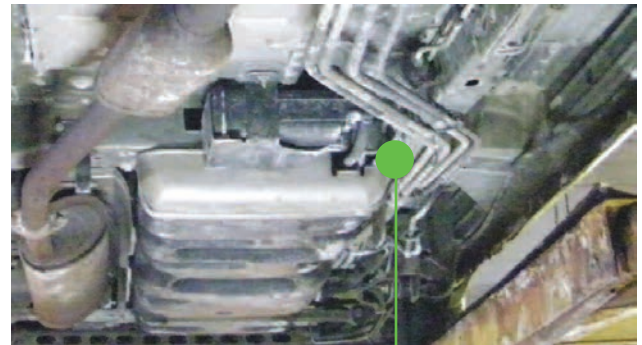
*Pays For  
Itself in as  
Little as  
One Job!*



- 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	5/Pkg.	4
<i>Use with 1/2" Heater Hose</i>					
<b>HOSE SPRING</b>					
	SP34	3/4"	3/4" Heater Hose Spring	1/Pkg.	1
<i>Use with 1/2" Heater Hose</i>					
<b>CLAMP PLIERS</b>					
	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

## LINE PREP

Prepare Tubing for Flaring in Seconds



## STRAIGHTENING

Straighten Tubing for a Professional Look



## BENDING

Makes Sharp Bends Without Kinking Lines



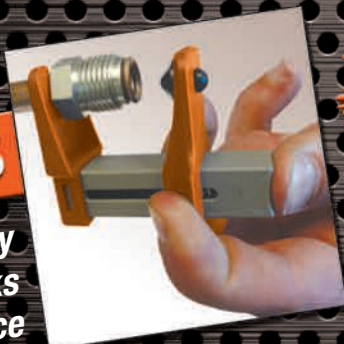
## CLAMPING

Ratcheting Action for Maximum Clamping Power



## STOP THE MESS

Prevent Messy Fluid Leaks During Service



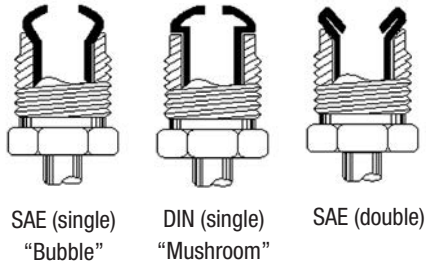
## TESTING

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.



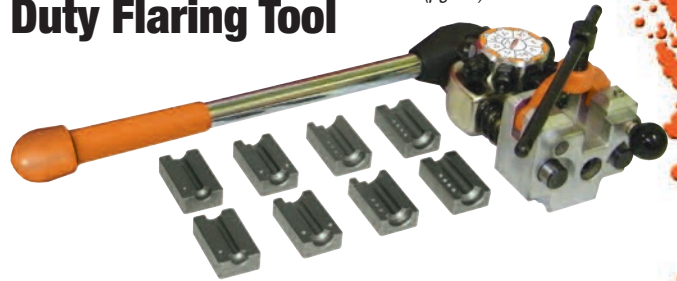
S-Lock for quick assembly.

### 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)

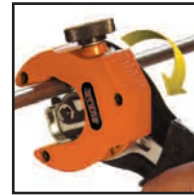


**Cutting  
Doesn't Get  
Any Easier  
Than This!**

**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.

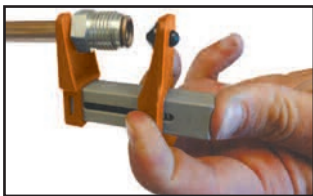


## FLS330 Fluid Line Stopper Clamps

**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)**



Use with  
S.U.R.&R.

**ULTRABEND**  
Brake Line Tubing

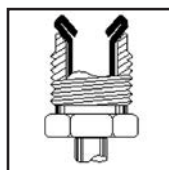
**Customize Your Own Nozzle Extension  
for Those Hard-to-Reach Places**



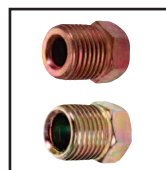
**Easy 1, 2, 3 Installation!**



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)**



## 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**

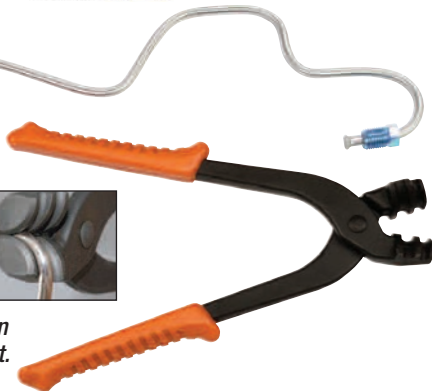
- Perfect bend  
without  
kinking



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

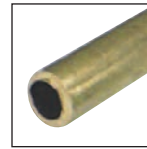
SPECIALTY TOOLS

## RM69

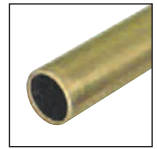
### Brake Tubing Reamer

*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.

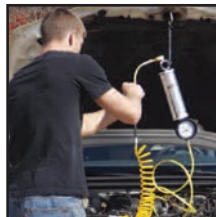
### 1 Temporary Fuel Supply

- 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

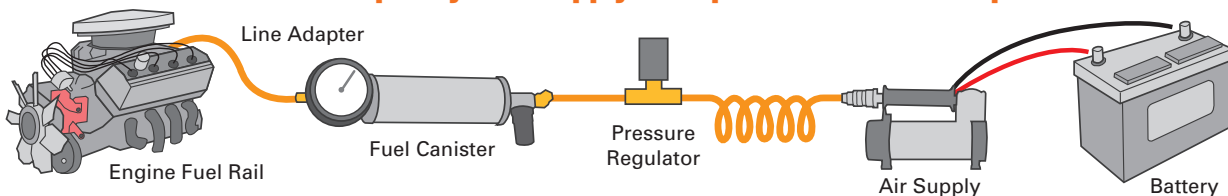
*Connect to Cleaner Canister for a Temporary Fuel Supply Usable on Fuel-Starved Vehicles*

- 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

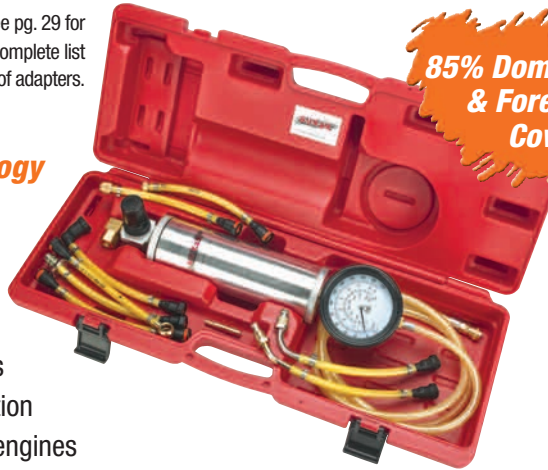
SPECIALTY TOOLS

## 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

See pg. 29 for complete list of adapters.



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

See pg. 29 for complete list of adapters.



90% Domestic & Foreign Coverage



## FPT10 Fuel Injection Pressure Tester Kit

(line adapters not included)

## 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

90% Domestic & Foreign Coverage



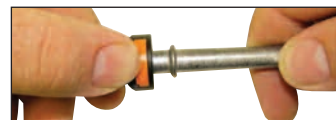
### Click It. Advanced Quick Connect Technology



**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

## 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



#### 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.



#### 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

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

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.





# 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.**  
For new products and latest news from S.U.R.&R. go to [www.surauto.com](http://www.surauto.com)

**BRAKE** **FUEL** **AIR CONDITIONING** **TRANSMISSION** **POWER STEERING**

**ULTRABEND** **JTY** **COOLANT** **SPECIALTY TOOLS**

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

**Buy the Best!**  
Accept Nothing Less. Ask for ULTRABEND.

**Feel the Difference**  
**See the Difference**  
**Trust the Difference**  
**Know the Difference**

**Your Single Source Solution for Automotive Fluid Lines and Specialty Tools**  
S.U.R.&R.'s patented product line covers the most common areas of automotive fluid line repair.

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

- Premium Quality & Reliability
- Full Market Coverage
- Superior Inventory & Shipping Solutions

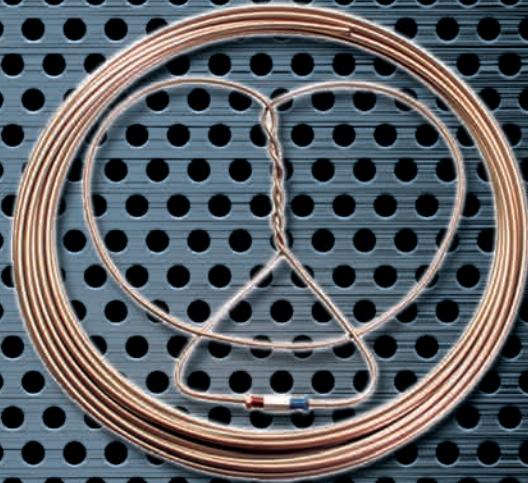
**Convenient Poster Makes Parts Ordering Easy!**

(PN# 012564)

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.*

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