S.U.R.&R.®

Vehicle Fluid Line Repair Solutions

YOUR SINGLE SOURCE OF AUTOMOTIVE FLUID LINES THAT INSTALL QUICKLY AND EASILY, AND ARE DESIGNED TO LAST.

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



COMPLETE PRODUCT CATALOG

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. They 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.

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



S.U.R&R.®

Vehicle Fluid Line Repair Solutions

BRAKE 2

FUEL 12

AIR CONDITIONING 20

COOLANT 26

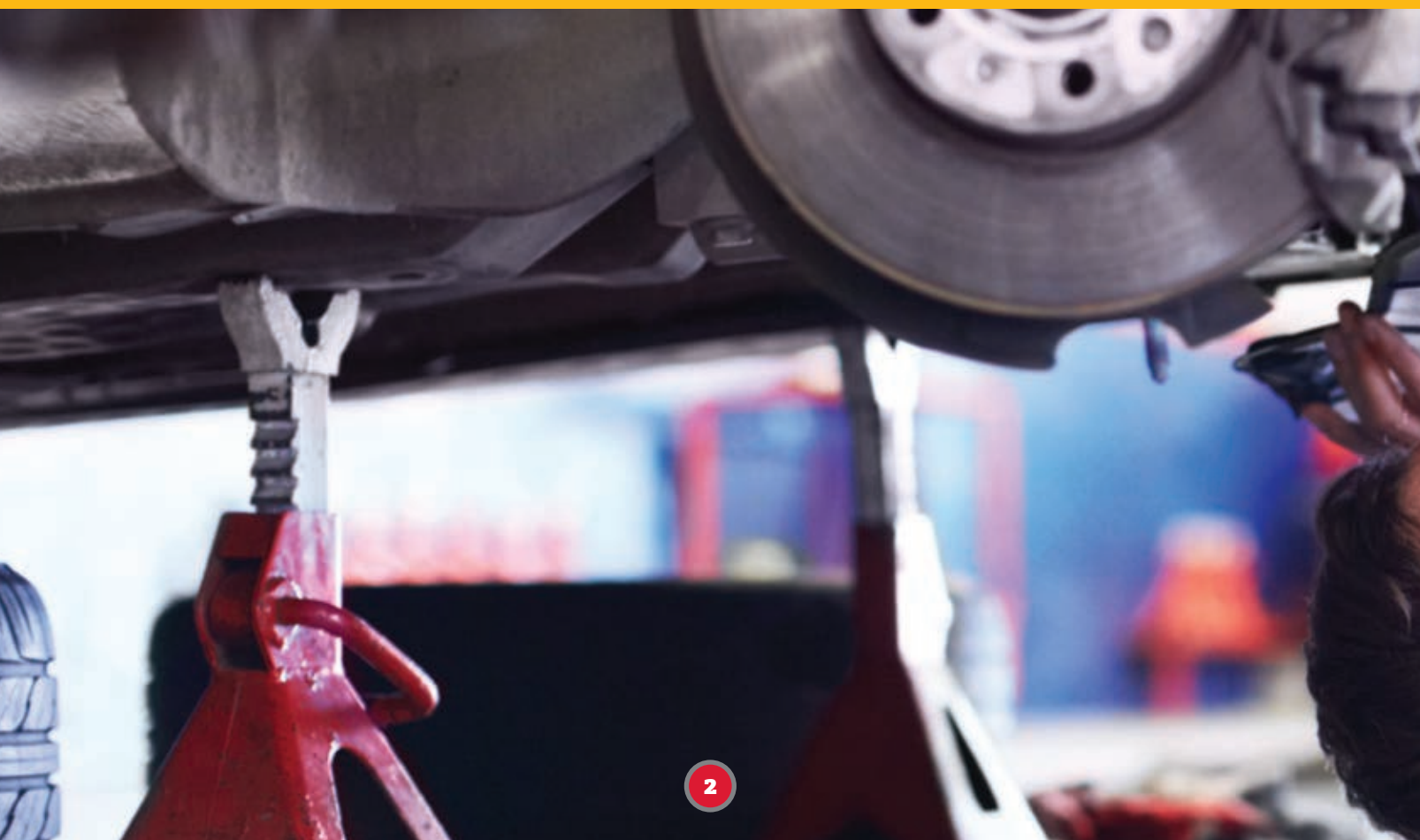
TRANSMISSION 30

POWER STEERING 34

SPECIALTY TOOLS 40

BRAKE

Brake Line Replacement Products



UltraBEND® Brake Line Tubing

BR-EZ316 3/16″ Brake Line Replacement Kit

BR-EZ14 1/4″ Brake Line Replacement Kit

BB007 Brake Bleeder Removal Tool Kit

AB25 Ultimate Air Brake Repair Kit

"The best brake line replacement products in the market. They outperform everything else that I've tried. Easy to work with and fixed right the first time!"

– STU EICKHOLT
CERTIFIED AUTO REPAIR
SIOUX CITY, IA





ULTRABEND®

Brake Line Tubing

Makes routing and installation simple.

PROUDLY AMERICAN MADE

LIFETIME WARRANTY

ULTRABEND
Brake Line Tubing

To design the best brake line tubing, we had to bend the rules.



- 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 time by more than 50%
- Triple annealed for easy bending
- Rigorously tested – highest quality
- Available in 3/16", 1/4", 5/16", & 3/8" sizes

NO KINKING

FEEL The Difference

S.U.R.&R. (USA MADE)



OTHERS (IMPORTED)





BETTER FLARING

SEE The Difference

S.U.R.&R. (USA MADE)





THICKER WALLS



CONSISTENT FLARES

OTHERS (IMPORTED)





THINNER WALLS



INCONSISTENT FLARES

A BETTER CHOICE

KNOW The Difference



Ryan Zehner:
Zehner's Auto Service;
Akron, OH

"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. is simply the best."

BRAKE
LINE REPLACEMENT AND REPAIR KITS

Everything To Replace Brake Lines Quickly And Easily Is Included In These Convenient, All-In-One Brake Line Replacement Part 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

LIFETIME WARRANTY

PROUDLY AMERICAN MADE



BR-EZ316

3/16" Brake Line Replacement Kit

Kit Includes 110 Pieces Plus 25' of UltraBEND® Tubing



BR-EZ14

1/4" Brake Line Replacement Kit

Kit Includes 40 Pieces Plus 25' of UltraBEND® Tubing

BRAKE KITS CONTENTS

■ Indicates parts included in BR-EZ316 Brake Line Replacement Kit
■ Indicates parts included in BR-EZ14 Brake Line Replacement Kit

Inverted Flare Nuts

IMAGE	PART#	KITS/ QTY		LINE SIZE	DESCRIPTION	REORDER QTY
	BR105	10		3/16"	3/8" – 24	4/pkg
	BR135	10		3/16"	3/8" – 24 Long	4/pkg
	BR145	10		3/16"	7/16" – 24	4/pkg
	BR150	6		3/16"	1/2" – 20	4/pkg
	BR155	6		3/16"	9/16" – 18	4/pkg
	BR157	10		3/16"	3/8" – 24 (7/16" Wrench)	4/pkg
	BR205	4		3/16"	M10 x 1.0 Gold	4/pkg
	BR210	6		3/16"	M10 x 1.0 Blue	4/pkg
	BR270	6		3/16"	M10 x 1.0 Long	4/pkg
	BR1150		6	1/4"	7/16" – 24	4/pkg
	BR1200		6	1/4"	7/16" – 24 (9/16" Wrench)	4/pkg
	BR1400		6	1/4"	7/16" – 24 Long	4/pkg
	BR1600		6	1/4"	9/16" – 18	4/pkg
	BR1650		6	1/4"	1/2" – 20	4/pkg

Bubble Flare Nuts

IMAGE	PART#	KITS/ QTY		LINE SIZE	DESCRIPTION	REORDER QTY
	BR170	2		3/16"	3/8" – 24	4/pkg
	BR230	6		3/16"	M10 x 1.0 (Euro, Domestic)	4/pkg
	BR235	4		3/16"	M11 x 1.5	4/pkg
	BR240	4		3/16"	M12 x 1.0	4/pkg
	BR245	4		3/16"	M13 x 1.5	4/pkg
	BR250	4		3/16"	M10 x 1.0 (VW, Audi)	4/pkg
	BR255	6		3/16"	M10 x 1.0 (Ford)	4/pkg
	BR2200		6	1/4"	M12 x 1.0	4/pkg
	BR2300			1/4"	M13 x 1.5	4/pkg
	BR2500			1/4"	M14 x 1.5 (GM)	4/pkg

Adapters

IMAGE	PART#	KITS/ QTY		LINE SIZE	DESCRIPTION	REORDER QTY
	BR500	2		3/16"	3/8" – 24 Inverted Female to M10 x 1.0 Inverted Male	4/pkg
	BR505	2		3/16"	3/8" – 24 Inverted Female to M10 x 1.0 Bubble Male	4/pkg
	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

Unions

IMAGE	PART#	KITS/ QTY		LINE SIZE	DESCRIPTION	REORDER QTY
	BR405	4		3/16"	3/8" – 24 Inverted Flare	4/pkg
	BR435	2		3/16"	M10 x 1.0 Inverted Flare	4/pkg
	BR450	2		3/16"	M10 x 1.0 Bubble Flare	4/pkg
	BR4100		4	1/4"	7/16" – 24 Inverted Flare	4/pkg

UltraBEND® Tubing

IMAGE	PART#	KITS/ QTY		LINE SIZE	DESCRIPTION	REORDER QTY
	BR-EZ100	25'		3/16"	3/16" UltraBEND Brake Line	25' roll
	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		25'	1/4"	1/4" UltraBEND Brake Line	25' roll
	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

BB007 Ultimate Brake Bleeder Removal Tool Kit

A Completely New And Better Way To Remove Brake Bleeder Screws

Features a one-piece, compact tool that's perfect for tight spaces.

- 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
- 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

How does the BB007 work?

Installing the pin into the bleeder screw prevents the walls from collapsing. Applying shock to the bleeder for approximately three to four seconds causes the bleeder to case-harden and loosens the threads. This makes the bleeder screw easy to remove without damaging the caliper.



Kit includes 77 pieces

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

Easy To Use

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

AB25 Air Brake Repair Kit



Replace air brake fittings quickly & easily with this convenient kit.

- Individual pieces available for reorder
- FMVSS (DOT) and SAE compliant
- Pre-applied thread sealant for easy installation
- *Composite body:* Saves weight, UV resistant, vibration resistant, excellent chemical resistance

Kit includes 32 pieces

Features push-to-connect composite fittings in 25 popular styles



AIR BRAKE KIT CONTENTS

■ Indicates quantity included in AB25 Air Brake Repair Kit

IMAGE	PART#	SIZE	DESCRIPTION	KIT QTY	REORDER QTY
	ABM240	1/4" TUBE X 3/8"NPT	Straight Male Connector	1	2
	ABM340	3/8" TUBE X 3/8"NPT	Straight Male Connector	1	2
	ABM320	3/8" TUBE X 1/8"NPT	Straight Male Connector	1	2
	ABM220	1/4" TUBE X 1/8"NPT	Straight Male Connector	1	2
	ABF220	1/4" TUBE X 1/8" NPT	Female	1	2
	ABE240	1/4" TUBE X 3/8" NPT	Male Elbow	1	2
	AB4230	1/4" TUBE X 1/4" NPT	45° Swivel Male Elbow	1	2
	ABT200	1/4" TUBE	Union Tee	1	2
	ABE200	1/4" TUBE	Union Elbow	1	2
	ABE220	1/4" TUBE X 1/8" NPT	Male Elbow	2	2
	ABU200	1/4" TUBE	Straight Union	2	2
	ABM330	3/8" TUBE X 1/4"NPT	Straight Male Connector	2	2
	ABP300	3/8" TUBE	Plug	1	2

IMAGE	PART#	SIZE	DESCRIPTION	KIT QTY	REORDER QTY
	ABM230	1/4" TUBE X 1/4"NPT	Straight Male Connector	2	2
	ABM550	5/8" TUBE X 1/2" NPT	Straight Male Connector	1	2
	ABE340	3/8" TUBE X 3/8" NPT	Male Elbow	1	2
	ABE320	3/8" TUBE X 1/8" NPT	Male Elbow	1	2
	ABT300	3/8" TUBE	Union Tee	1	2
	AB4340	3/8" TUBE X 3/8" NPT	45° Swivel Male Elbow	1	2
	ABE550	5/8" TUBE X 1/2" NPT	Male Elbow	1	2
	ABU300	3/8" TUBE	Straight Union	2	2
	ABT330	3/8" TUBE X 1/4" NPT	Male Run Tee	1	2
	ABE230	1/4" TUBE X 1/4" NPT	Male Elbow	2	2
	ABE330	3/8" TUBE X 1/4" NPT	Male Elbow	2	2
	ABU400	1/2" TUBE	Straight Union	1	2

FUEL

Fuel Line Replacement Products



KP1200 Fuel Line Replacement Kit

KP1212 Fuel Line Replacement Kit

KP1500 DELUXE Fuel Line Replacement Kit

CKV5 & CKV7 Fuel Pressure Check Valves

SV516 & SV38 Inline Schrader® Valves

GM64 Universal GM Fuel Level Sensor Contacts

"Using quality products when making repairs is critical to my business. S.U.R.&R. line repair kits and specialty tools, without fail, allow us to make long-lasting repairs affordably and quickly. S.U.R.&R. makes repairing fuel lines a breeze."

– DENNIS COLLARI
COLLARI AUTOMOTIVE
KINGSTON, MA



FUEL
LINE REPLACEMENT KITS

With S.U.R.&R., You Have A Proven And Cost Effective Solution For Building And Replacing Damaged Fuel Lines For Practically Any Vehicle



- Save up to 70% vs. OEM fuel lines
- No special insertion tools required; reduces labor time
- Works with domestic & foreign vehicles
- Nylon lines hold up to 200 PSI
- Safe for use with multiple fuel types including gas, ethanol and diesel

KP1200

Fuel Line Replacement Kit (5/16" & 3/8")

Kit Includes 52 Pieces Plus 30' of Tubing

KP1500

DELUXE Fuel Line Replacement Kit (1/4", 5/16" & 3/8")

Kit Includes 168 Pieces Plus 75' of Tubing





KP1212

Fuel Line Replacement Kit (1/2" & 12 mm)

Kit Includes 34 Pieces Plus 25' of Tubing

NO SPECIALTY TOOLS REQUIRED!

Universal Quick Connects



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

Easy Installation



Attach nylon line to fitting | Push on | Crimp clamp

Typical installations can be done in under 5 minutes in just 3 simple steps.

FEATURES & BENEFITS

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

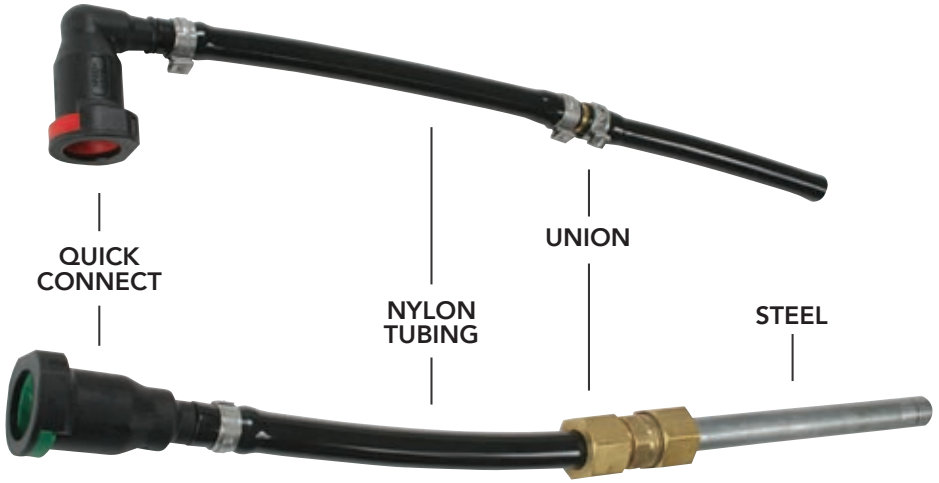
Reduce Labor Time

- Average connection time: 5 minutes
- Reduce installation time by up to 75%

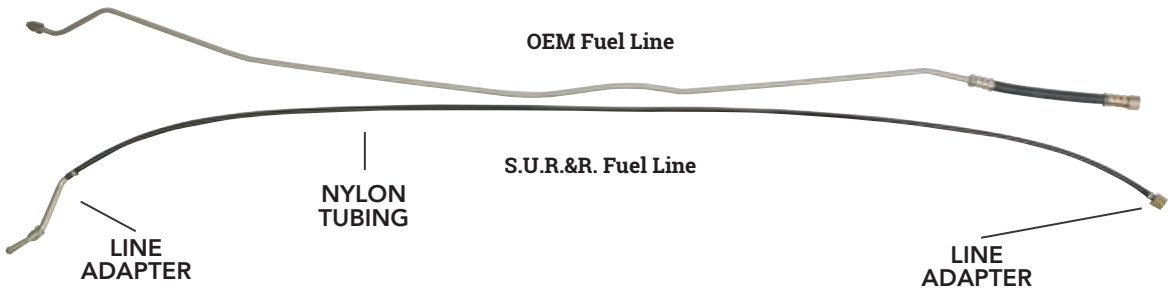
Save Money

- Typical OEM GM Fuel Line – $85 to $120
- S.U.R.&R. Fuel Line – $25 to $35

Simple Repair



Simple Replacement



FUEL KITS CONTENTS

- Indicates quantity included in KP1500 DELUXE Fuel Line Replacement Kit
- Indicates quantity included in KP1200 Fuel Line Replacement Kit
- Indicates quantity included in KP1212 Fuel Line Replacement Kit

Universal Quick Connects

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	KP020	2	3		3/8"	3/8" – 3/8" Straight Push-On	2/pkg
	KP030	2	2		5/16"	3/8" – 5/16" Straight Push-On	2/pkg
	KP035	2			3/8"	5/16" – 3/8" Straight Push-On	2/pkg
	KP040	2	3		5/16"	5/16" – 5/16" Straight Push-On	2/pkg
	K410			2	1/2"	1/2" – 1/2" Straight Push-On	2/pkg
	K435			2	1/2"	12 mm – 1/2" Straight Push-On	2/pkg
	KP045	2			5/16"	1/4" – 5/16" Straight Push-On	2/pkg
	KP120	2			3/8"	5/16" – 3/8" 90° Push-On	2/pkg
	KP125	2	1		3/8"	3/8" – 3/8" 90° Push-On	2/pkg
	KP130	2	1		5/16"	3/8" – 5/16" 90° Push-On	2/pkg
	KP135	2	1		5/16"	5/16" – 5/16" 90° Push-On	2/pkg
	K415			2	1/2"	1/2" – 1/2" 90° Push-On	2/pkg
	K440			2	1/2"	12 mm – 1/2" 90° Push-On	2/pkg

Nylon Tubing

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	K003	25'			1/4"	1/4" Nylon Tubing	25' Roll
	K00350				1/4"	1/4" Nylon Tubing	50' Roll
	K003100				1/4"	1/4" Nylon Tubing	100' Roll
	K005	25'	15'		5/16"	5/16" Nylon Tubing	25' Roll
	K00550				5/16"	5/16" Nylon Tubing	50' Roll
	K005100				5/16"	5/16" Nylon Tubing	100' Roll
	K010	25'	15'		3/8"	3/8" Nylon Tubing	25' Roll
	K01050				3/8"	3/8" Nylon Tubing	50' Roll
	K010100				3/8"	3/8" Nylon Tubing	100' Roll
	K405			25'	1/2"	1/2" Nylon Tubing (Use for 1/2" & 12 mm repairs)	25' Roll

Clamps & Tubing Holders

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	K2978				1/4"	1/4" 360° Seal Clamp	10/pkg
	K2980	33	15		5/16"	5/16" 360° Seal Clamp	10/pkg
	K2982	28	12		3/8"	3/8" 360° Seal Clamp	10/pkg
	K2984			16	1/2"	1/2" 360° Seal Clamp	10/pkg
	K6806				9/16"	9/16" 360° Seal Clamp	10/pkg
	K6807				11/16"	11/16" 360° Seal Clamp	10/pkg
	K6808				23/32"	23/32" 360° Seal Clamp	10/pkg
	K6810				3/4"	3/4" 360° Seal Clamp	10/pkg
	K6811				7/8"	7/8" 360° Seal Clamp	10/pkg
	K6812				15/16"	15/16" 360° Seal Clamp	10/pkg
	TH38	20			3/8"	3/8" Nylon Tubing Holder	20/pkg
	TH516	20			5/16"	5/16" Nylon Tubing Holder } with self-tapping screws	20/pkg

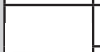
Tools & Accessories

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	14005	3'			1/4", 5/16" & 3/8"	Heat Shield Sleeve (protects line up to 1200° F)	5' Roll
	CP01	1	1		1/4", 5/16" & 3/8"	Clamp Pliers	1/pkg
	CP360			1	Up to 1" O.D.	360° Seal Clamp Pliers	1/pkg
	TC-1	1	1	1	1/4" – 1/2"	Tubing & Hose Cutter	1/pkg

Line Adapters

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	K070	2	2		5/16"	5/16" GM	2/pkg
	K075	2	2		3/8"	3/8" GM	2/pkg
	K095	2	1		5/16"	5/16" GM Female to Nylon	1/pkg
	K100	2	1		3/8"	3/8" GM Female to Nylon	1/pkg
	K107	1			5/16"	14 mm Foreign Female to Nylon	1/pkg
	K127	1			5/16"	14 mm Foreign Angled	2/pkg
	K137	1			5/16"	14 mm Foreign	2/pkg
	K140	2			5/16"	5/16" Rubber Hose to Nylon	2/pkg
	K145	2			3/8"	3/8" Rubber Hose to Nylon	2/pkg
	K150	2			5/16"	5/16" Quick Connect to Nylon	2/pkg
	K155	2			3/8"	3/8" Quick Connect to Nylon	2/pkg
	K420			2	1/2"	1/2" Quick Connect to Nylon	2/pkg
	K445			2	1/2"	12 mm Quick Connect to Nylon	2/pkg
	K153				3/8"	3/8" Quick Connect to Quick Connect	2/pkg
	K160	1			5/16"	1/4" – 5/16" Quick Connect to Nylon	2/pkg
	K165	1			3/8" & 5/16"	3/8" – 5/16" Nylon to Nylon Reducer	2/pkg
	K167				5/16" & 1/4"	5/16" – 1/4" Nylon to Nylon Reducer	2/pkg
	K170	1			5/16"	5/16" GM Male to Rubber Hose	2/pkg
	K175	1			3/8"	3/8" GM Male to Rubber Hose	2/pkg
	K270	2			5/16"	5/16" GM Short	2/pkg
	K275	2			3/8"	3/8" GM Short	2/pkg
	K305				5/16"	9/16" – 5/16" Male Spring Lock to Nylon	1/pkg
	K315				5/16"	7/16" – 5/16" Male Spring Lock to Nylon	1/pkg
	K310				5/16"	9/16" – 5/16" Female Spring Lock to Nylon	1/pkg
	K320				5/16"	7/16" – 5/16" Female Spring Lock to Nylon	1/pkg
	K325				5/16"	12 mm – 5/16" Banjo to Nylon	1/pkg
	K335				5/16"	14 mm – 5/16" Banjo to Nylon	1/pkg
	K330				5/16"	12 mm – 5/16" Banjo Bolt to Nylon	1/pkg
	38180	1			3/8"	3/8" 180° GM Fuel Filter	1/pkg
	3890	2			3/8"	3/8" 90° Elbow	2/pkg
	51690	2			5/16"	5/16" 90° Elbow	2/pkg

Unions

IMAGE	PART#	KITS/QTY			LINE SIZE	DESCRIPTION	REORDER QTY
	K050	2	1		5/16"	5/16" Nylon to Steel Compression	2/pkg
	K055	2			5/16"	5/16" Nylon to Nylon Compression	2/pkg
	K060	2	1		3/8"	3/8" Nylon to Steel Compression	2/pkg
	K065				3/8"	3/8" Nylon to Nylon Compression	2/pkg
	K250	2			1/4"	1/4" Nylon to Steel Compression	2/pkg
	K255	2			1/4"	1/4" Nylon to Nylon Compression	2/pkg
	K430			2	1/2"	1/2" Nylon to Steel Compression	2/pkg
	K057	2	2		5/16"	5/16" Nylon to Nylon Push-On	2/pkg
	K067	2	2		3/8"	3/8" Nylon to Nylon Push-On	2/pkg
	K425			2	1/2"	1/2" Nylon to Nylon Push-On	2/pkg

CKV5 & CKV7 Fuel Pressure Check Valves

Stop Replacing Fuel Pumps Unnecessarily



The quick, inexpensive, and smart solution for hard-start problems involving the loss of fuel pressure.

SYMPTOMS:
Vehicle does not start normally. Key must be advanced multiple times to start. Engine runs properly once running. Symptom reoccurs after vehicle sits for extended period of time.

PROBLEM:
Electric fuel pumps have internal check valves which often fail. In turn, residual fuel pressure drops and starting problems occur.

SOLUTION:
Installing a new, inline check valve solves starting problems quickly and easily.

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) and CKV5 (2)	1

Install inline.
Repair without dropping the tank.

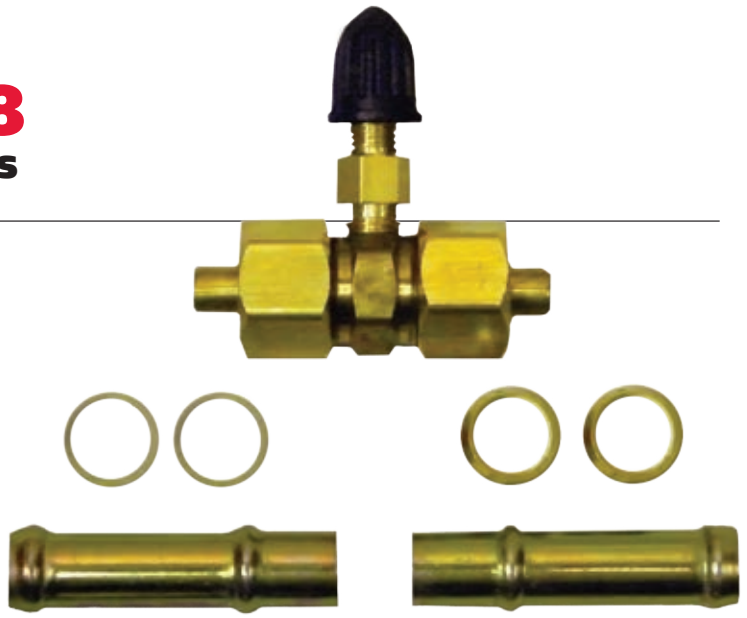


Not for use with returnless systems

SV516 & SV38
Inline Schrader® Valves

Provides Easy Access For Connecting Fuel System Testing And Cleaning Equipment

- Fits virtually any vehicle
- Provides a permanent valve location that is easy to access
- Includes installation fittings for nylon, steel, and rubber fuel lines
- Available in both 5/16" (Part # SV516) and 3/8" (Part # SV38) line sizes





Nylon Fuel Line with Inline Schrader Valve



Fuel Pressure Tester Connected to Inline Schrader Valve

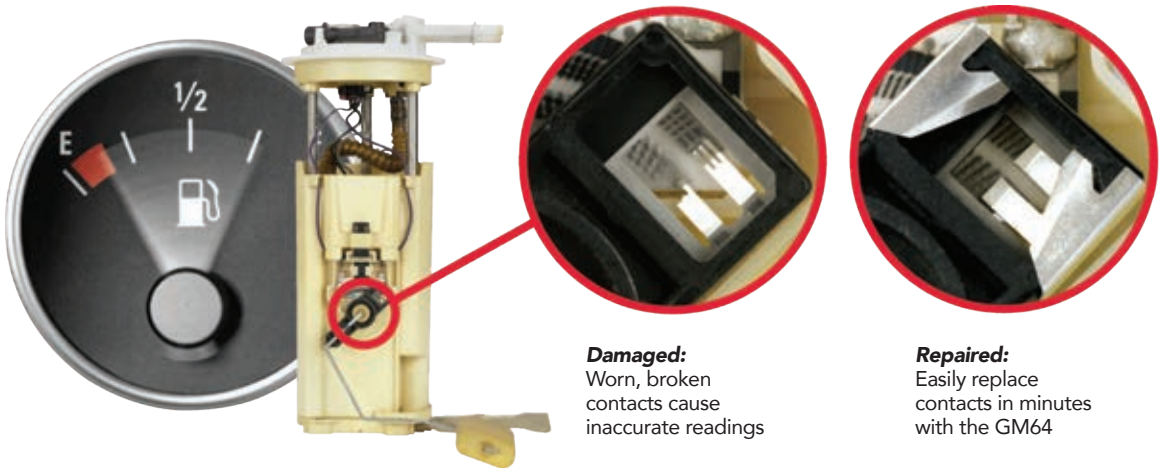


Fuel Injection Cleaner Connected to Inline Schrader Valve

GM64 Universal GM Fuel Level Sensor Contacts

Makes Gauge Repairs Quick And Inexpensive

- Save $100s by replacing ONLY the Fuel Level Sensor Contacts versus the entire module
- ***Fits most GM Vehicles (1997-2002)***



Damaged: Worn, broken contacts cause inaccurate readings

Repaired: Easily replace contacts in minutes with the GM64

AIR CONDITIONING

A/C Line Repair Products



AC1387 DELUXE A/C Line Replacement Kit

AC40 A/C Compression Union Kit

AC50M METRIC A/C Compression Union Kit

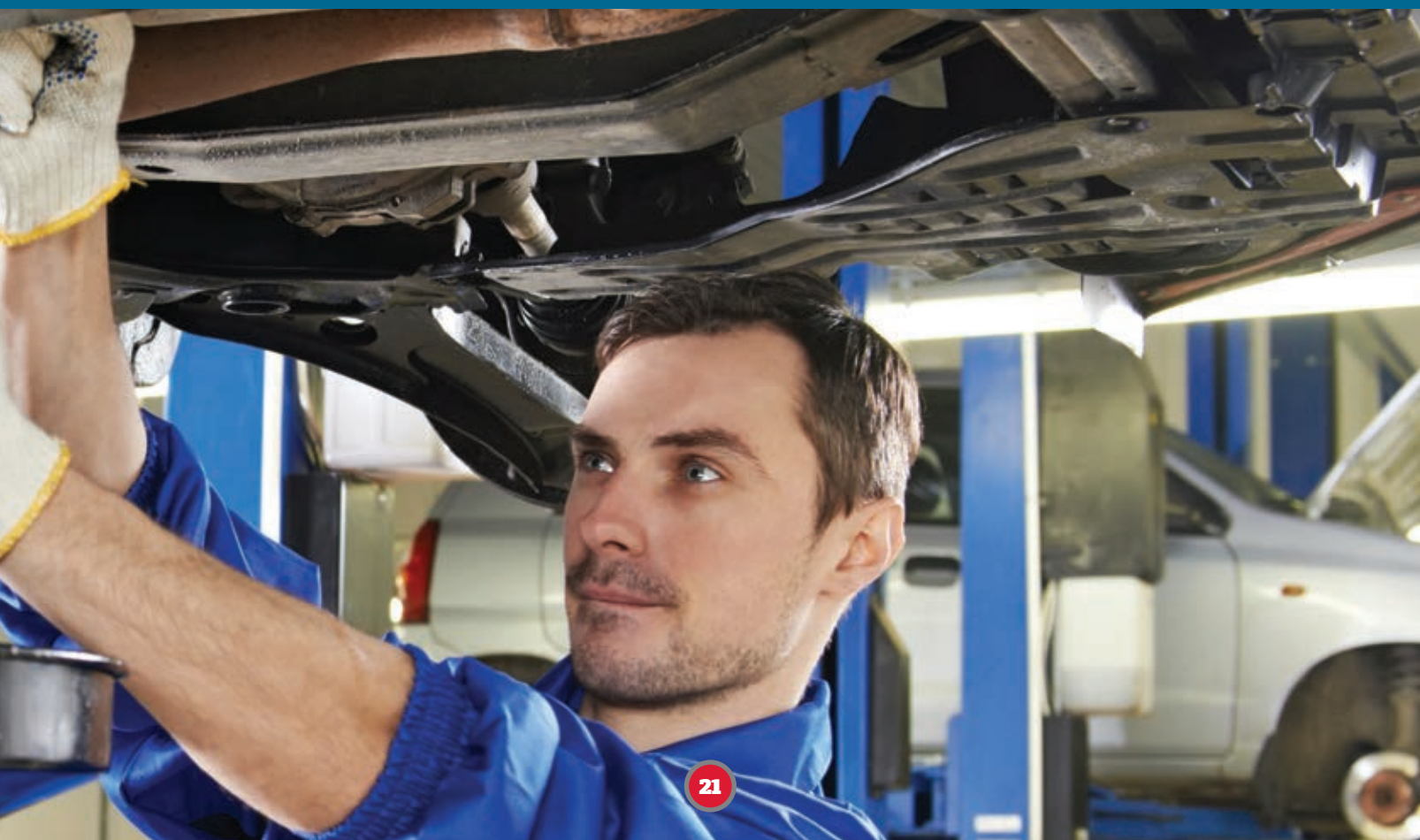
AC80 A/C Block Off Kit

AC90M METRIC A/C Block Off Kit

AC128 A/C Line Repair & Inline Filter Kit

"S.U.R.&R. A/C repair technology works great, helps me compete for business PLUS saves our customers hundreds on repairs as compared to replacing entire lines."

– **MR. PAUL MCGILLIS**
MCGILLIS AUTOMOTIVE
WEST BRIDGEWATER, MA



A/C
LINE REPAIR KITS

Make Instant Repairs To A/C Lines On Hundreds Of Vehicles

Safe up to 600 PSI

Conforms to SAE J2064 Specifications

NO SPECIALTY TOOLS REQUIRED!

Assemble By Hand

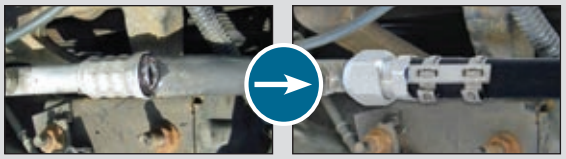
Repair lines in minutes.
It's as simple as 1, 2, 3!



1. Place clamp on hose, push adapter into hose
2. Crimp with clamp pliers
3. Tighten compression union onto aluminum line

Fast, Long-Lasting A/C Repairs for High and Low Pressure Lines

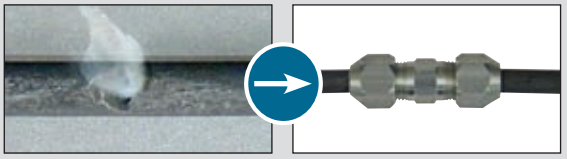
SECTIONS/FAILED COLLARS



PROBLEM: Damaged A/C hose leaking at connection

PROBLEM SOLVED: With hose to compression union adapter

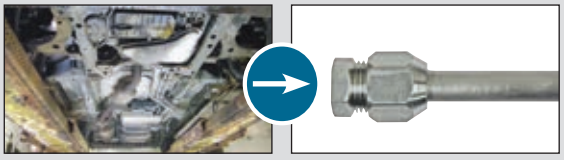
CRACKS/PINHOLES



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



AC1387

DELUXE A/C Line Repair Kit

Kit Includes 42 Pieces Plus 20′ Hose

Includes 3/8″, 1/2″, 5/8″, and 3/4″ sizes (5/16" also available, sold separately)



Features Double Seal Technology

A/C COMPRESSION UNIONS



AC40

A/C Compression Union Kit

Includes 3/8″, 1/2″, 5/8″ and 3/4″ sizes (5/16" also available, sold separately)

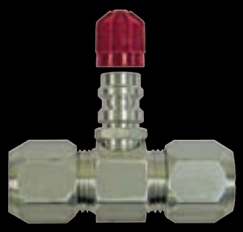


AC50M

METRIC A/C Compression Union Kit

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

A/C INLINE SERVICE PORTS



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

LOW SIDE: 1/2″ and 5/8″

HIGH SIDE: 3/8″ and 1/2″

A/C LINE REDUCERS

Convenient fittings for making connections involving different line sizes.



A/C BLOCK OFFS



AC80

A/C Block Off Kit

Includes 3/8″, 1/2″, 5/8″ and 3/4″ sizes (5/16" also available, sold separately)



AC90M

METRIC A/C Block Off Kit

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

A/C KITS CONTENTS

- Indicates quantity included in AC1387 DELUXE A/C Line Repair Kit
- Indicates quantity included in AC40 Compression Union Kit
- Indicates quantity included in AC50M METRIC Compression Union Kit
- Indicates quantity included in AC80 Compression Block Off Kit
- Indicates quantity included in AC90M METRIC Compression Block Off Kit

Compression Block Offs

IMAGE	PART#	KITS/QTY	ALUMINUM LINE SIZE (OD)	DESCRIPTION	REORDER QTY
	AC516CB		5/16"	5/16" A/C Compression Block Off	1/pkg
	AC38CB	1	3/8"	3/8" A/C Compression Block Off	1/pkg
	AC12CB	1	1/2"	1/2" A/C Compression Block Off	1/pkg
	AC58CB	1	5/8"	5/8" A/C Compression Block Off	1/pkg
	AC34CB	1	3/4"	3/4" A/C Compression Block Off	1/pkg
	METRIC				
	AC8MCB	1	8 mm	8 mm A/C Compression Block Off	1/pkg
	AC10MCB	1	10 mm	10 mm A/C Compression Block Off	1/pkg
	AC12MCB	1	12 mm	12 mm A/C Compression Block Off	1/pkg
	AC15MCB	1	15 mm	15 mm A/C Compression Block Off	1/pkg
	AC16MCB	1	16 mm	16 mm A/C Compression Block Off	1/pkg
	AC19MCB	1	19 mm	19 mm A/C Compression Block Off	1/pkg

Compression Unions

IMAGE	PART#	KITS/QTY	ALUMINUM LINE SIZE (OD)	DESCRIPTION	REORDER QTY
	AC516		5/16"	5/16" A/C Compression Union	1/pkg
	AC38	1 1	3/8"	3/8" A/C Compression Union	1/pkg
	AC12	1 1	1/2"	1/2" A/C Compression Union	1/pkg
	AC58	1 1	5/8"	5/8" A/C Compression Union	1/pkg
	AC34	1 1	3/4"	3/4" A/C Compression Union	1/pkg
	METRIC				
	AC8M	1	8 mm	8 mm A/C Compression Union	1/pkg
	AC10M	1	10 mm	10 mm A/C Compression Union	1/pkg
	AC12M	1	12 mm	12 mm A/C Compression Union	1/pkg
	AC15M	1	15 mm	15 mm A/C Compression Union	1/pkg
	AC16M	1	16 mm	16 mm A/C Compression Union	1/pkg
	AC19M	1	19 mm	19 mm A/C Compression Union	1/pkg

Hose To Compression Union Adapters

IMAGE	PART#	KITS/QTY	ALUMINUM LINE SIZE (OD)	DESCRIPTION	REORDER QTY
	AC16516		5/16"	#6 Hose To 5/16" Compression Union	1/pkg
	AC1638	2	3/8"	#6 Hose To 3/8" Compression Union	1/pkg
	AC1812	2	1/2"	#8 Hose To 1/2" Compression Union	1/pkg
	AC11058	2	5/8"	#10 Hose To 5/8" Compression Union	1/pkg
	AC11234	2	3/4"	#12 Hose To 3/4" Compression Union	1/pkg
	METRIC				
	AC168M		8 mm	#6 Hose to 8 mm Compression Union	1/pkg
	AC1610M		10 mm	#6 Hose to 10 mm Compression Union	1/pkg
	AC1812M		12 mm	#8 Hose to 12 mm Compression Union	1/pkg
	AC11015M		15 mm	#10 Hose to 15 mm Compression Union	1/pkg
	AC11016M		16 mm	#10 Hose to 16 mm Compression Union	1/pkg
	AC11219M		19 mm	#12 Hose to 19 mm Compression Union	1/pkg
	AC26516		5/16"	#6 Hose to 90° 5/16" Compression Union	1/pkg
	AC2638	1	3/8"	#6 Hose to 90° 3/8" Compression Union	1/pkg
	AC2812	1	1/2"	#8 Hose to 90° 1/2" Compression Union	1/pkg
	AC21058	1	5/8"	#10 Hose to 90° 5/8" Compression Union	1/pkg
	AC21234	1	3/4"	#12 Hose to 90° 3/4" Compression Union	1/pkg

Line Reducers

IMAGE	PART#	KITS/QTY	ALUMINUM LINE SIZE (OD)	DESCRIPTION	REORDER QTY
	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

Inline Service Ports

IMAGE	PART#	KITS/QTY	ALUMINUM LINE SIZE (OD)	DESCRIPTION	REORDER QTY
	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

Hose, Clamps, Splicers & Tools

Hose

IMAGE	PART#	KITS/QTY	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY
	AC6H	5'	#6	#6 A/C Hose – 5/16", 8 mm (printed on hose)	10' roll
	AC6H25		#6	#6 A/C Hose – 5/16", 8 mm (printed on hose)	25' roll
	AC8H	5'	#8	#8 A/C Hose – 13/32", 10 mm (printed on hose)	10' roll
	AC8H25		#8	#8 A/C Hose – 13/32", 10 mm (printed on hose)	25' roll
	AC10H	5'	#10	#10 AC/Hose – 1/2", 13 mm (printed on hose)	10' roll
	AC10H25		#10	#10 AC/Hose – 1/2", 13 mm (printed on hose)	25' roll
	AC12H	5'	#12	#12 A/C Hose – 5/8", 16 mm (printed on hose)	10' roll
	AC12H25		#12	#12 A/C Hose – 5/8", 16 mm (printed on hose)	25' roll

Clamps Sets

IMAGE	PART#	KITS/QTY	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY
	AC6806	5	#6	#6 Clamps Set – Blue Tab	5/pkg
	AC6808	5	#8	#8 Clamps Set – Yellow Tab	5/pkg
	AC6810	5	#10	#10 Clamps Set – Green Tab	5/pkg
	AC6812	5	#12	#12 Clamps Set – Red Tab	5/pkg

Hose Splicers

IMAGE	PART#	KITS/QTY	RUBBER HOSE SIZE	DESCRIPTION	REORDER QTY
	AC370606	1	#6	#6 Hose to #6 Hose In Line Splicer	1/pkg
	AC370808	1	#8	#8 Hose to #8 Hose In Line Splicer	1/pkg
	AC371010	1	#10	#10 Hose to #10 Hose In Line Splicer	1/pkg
	AC371212	1	#12	#12 Hose to #12 Hose In Line Splicer	1/pkg

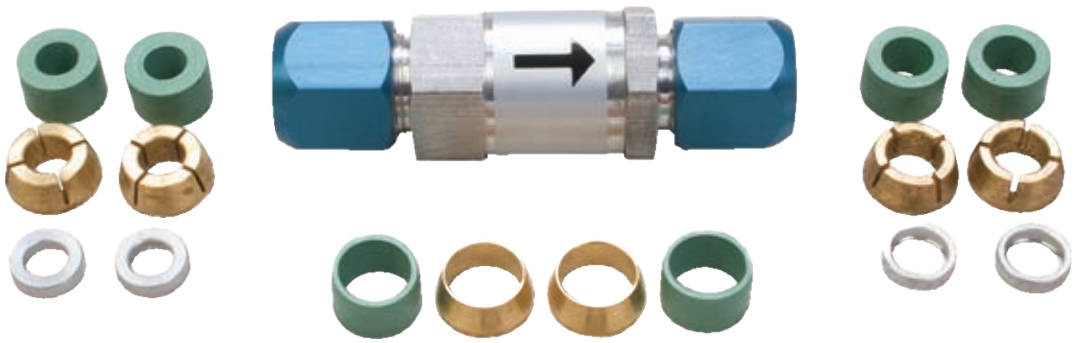
Tools

IMAGE	PART#	KITS/QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	CP360	1	Up to 1" O.D.	360° Seal Clamp Pliers	1/pkg
	TC35	1	Up to 1 1/4" O.D.	Tube & Hose Cutter	1/pkg

AC128

A/C Inline Filter & Orifice Tube Installation Kit

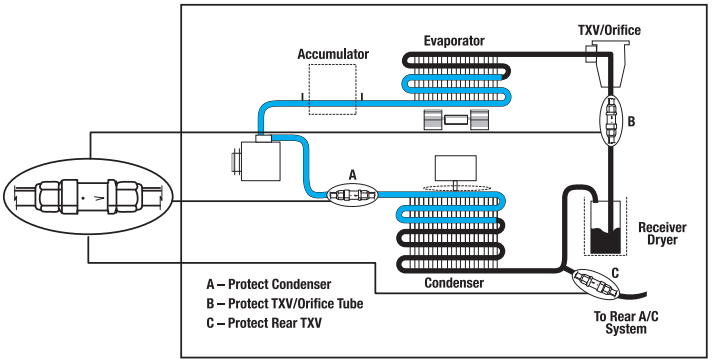
When Replacing Failed A/C Compressors, OEM Manufacturers Recommend Installation of an Inline Filter to Prevent Debris from Damaging the System



5/16″ 1/2″ 3/8″

Unique, dual purpose, universal kit that allows you to install an A/C inline filter or orifice tube into the system

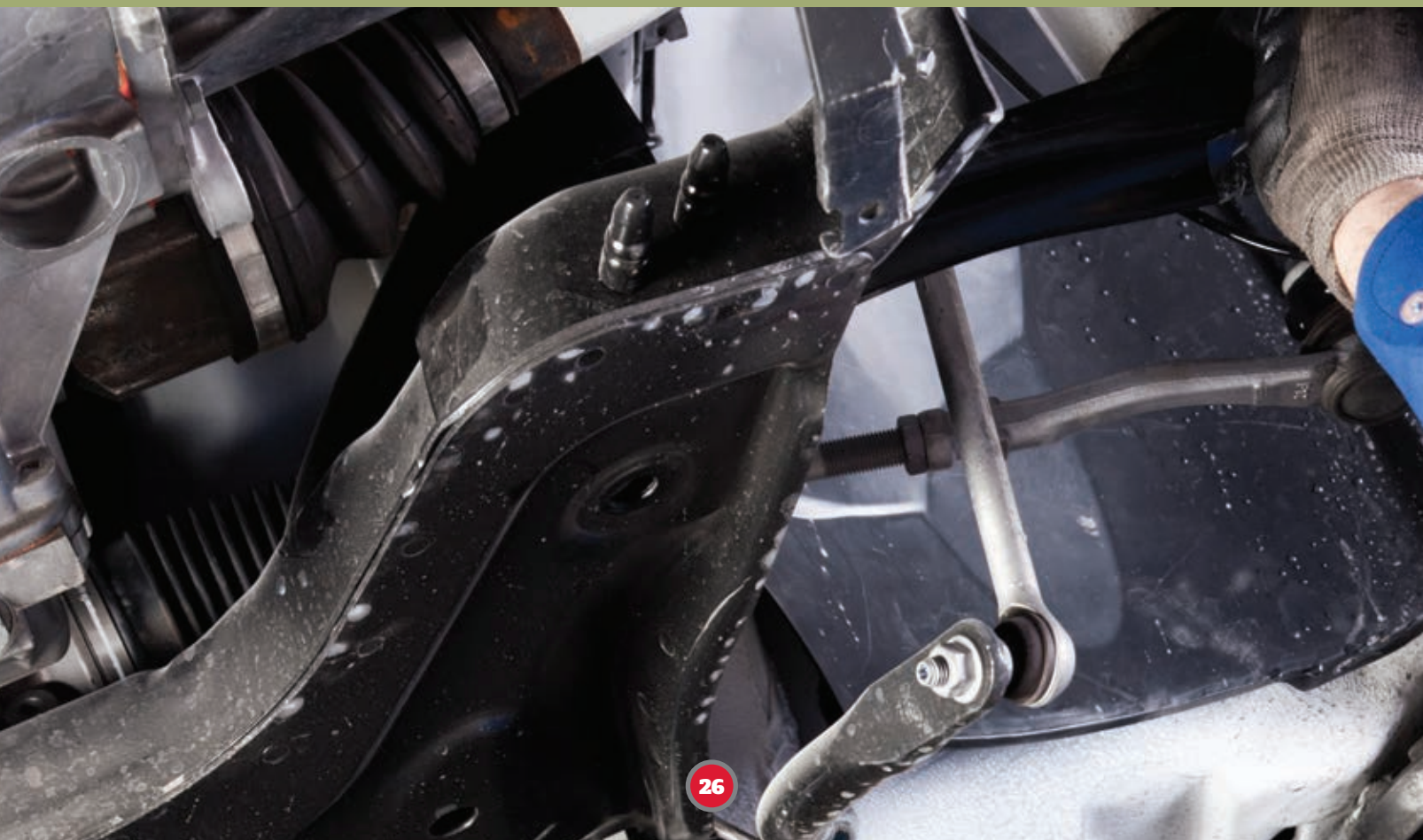
- The AC128 helps protect costly components from being damaged by trapping the debris produced by failed A/C compressors
- Capable of housing any size orifice tube – installation clips included
- Install an orifice tube when experiencing symptoms such as frost coming out of the vents or compressor running constantly
- Fit multiple size lines including 5/16″, 3/8″ and 1/2″ – simply cut out desired line section (up to 2″) and install AC128
- Works on cars, trucks and SUVs (domestic and foreign)
- Reduce labor – avoid difficult work removing and installing lines



Helps reduce the potential for comebacks on A/C compressor replacements

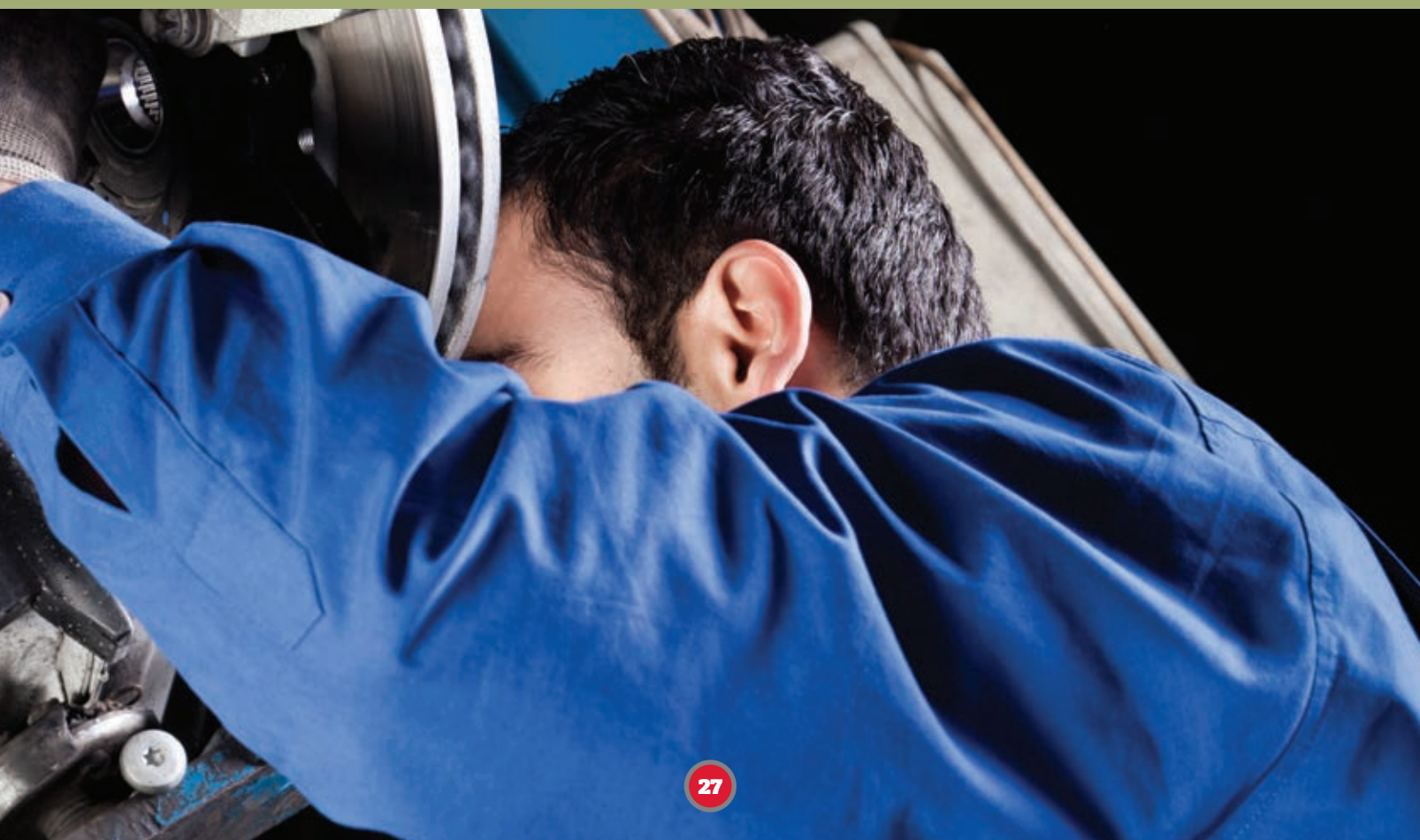
COOLANT

Heater Line Repair Products



"Much better than replacing an entire line. Compression connections work as advertised. S.U.R.&R. line repair kits are all top-shelf."

– MIKE STAPLES
SAINT GEORGE STREET GARAGE
DUXBURY, MA





HL427

Heater Line Repair Kit

Kit Includes 12 Pieces Plus 10' Hose

Use with 1/2", 13 mm, 5/8" and 16 mm (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
- OEM style hose easy to route
- On-the-car repairs made simple

Perfect For Vans, SUVs And Other Vehicles With Failed Rear Heater Lines And Systems

NO SPECIALTY TOOLS REQUIRED!

Easy Installation



1 Place clamp onto hose, push adapter into hose



2 Crimp with clamp pliers



3 Tighten compression union onto aluminum line

Tackle Different Repairs



Rear heater core block off repair



Line section repair



Pinhole and crack repair

COOLANT KIT CONTENTS

■ Indicates quantity included in HL427 Heater Line Repair Kit

Compression Unions

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	HL12	1	1/2" (13 mm)	1/2" Heater Compression Union	1/pkg
	HL58	1	5/8" (16 mm)	5/8" Heater Compression Union	1/pkg
	HL34		3/4"	3/4" Heater Compression Union	1/pkg

Hose To Compression Union Adapters – Straight (Includes Dual Clamp)

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	HL11212	2	1/2" (13 mm)	1/2" Hose to 1/2" Compression Union	1/pkg
	HL11258	2	5/8" (16 mm)	1/2" Hose to 5/8" Compression Union	1/pkg
	HL11234		3/4"	1/2" Hose to 3/4" Compression Union	1/pkg

Hose (UNIVERSAL HOSE – Use with all S.U.R.&R. Heater Adapters)

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	HL12H	1	Universal	1/2" Heater Hose 10' Roll	10′ roll
	HL12H25		Universal	1/2" Heater Hose 25' Roll	25′ roll

Dual Clamp

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	HL34C	4	3/4″	3/4" Heater Hose Dual Clamp *Use with 1/2″ Heater Hose*	5/pkg

Hose Spring

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	SP34	1	3/4″	3/4″ Heater Hose Spring *Use with 1/2″ Heater Hose*	1/pkg

Clamp Pliers

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	CP360	1	Up to 1" O.D.	360° Seal Clamp Pliers	1/pkg

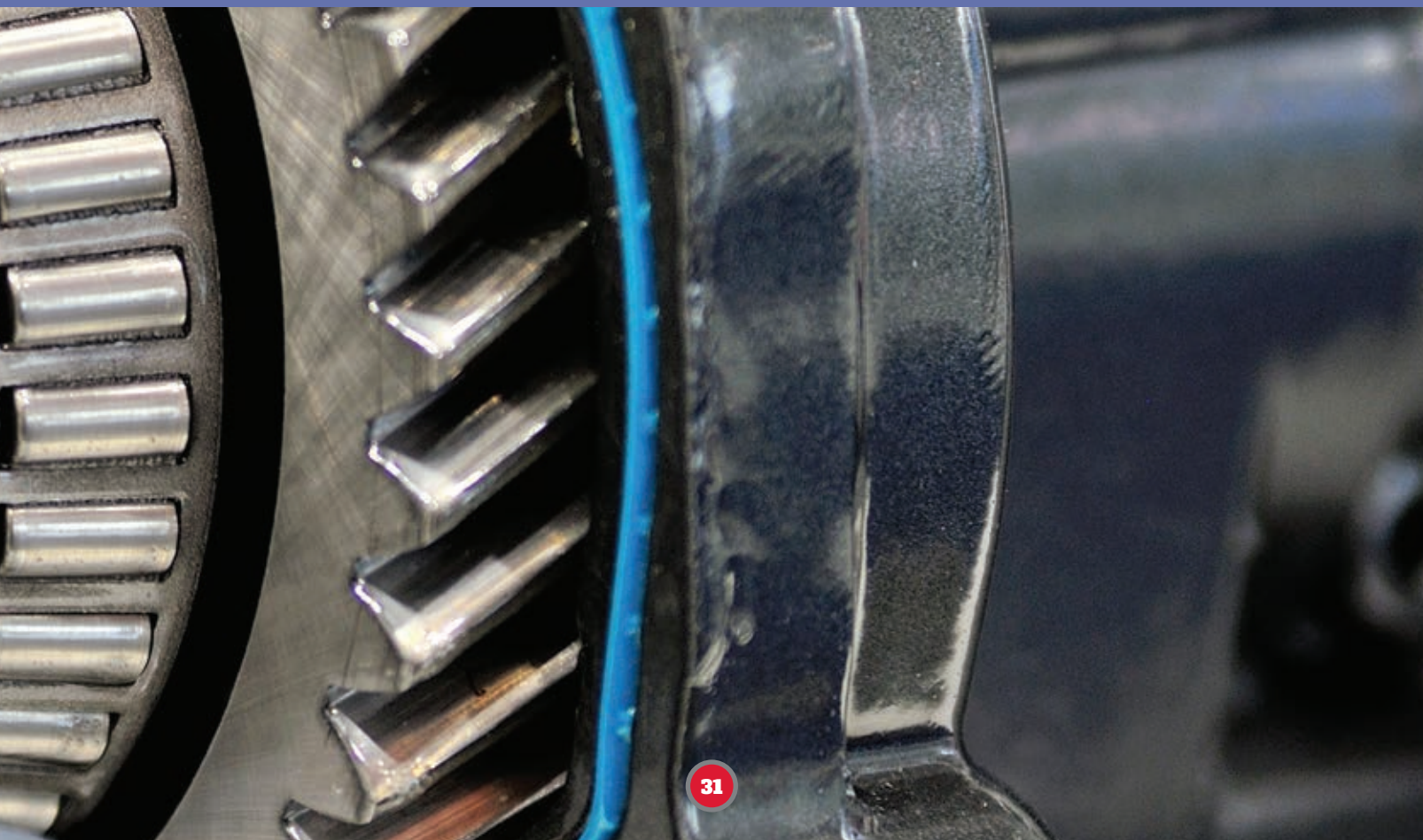
TRANSMISSION

DELUXE Transmission Oil Cooler Line Repair Kit



"I've saved hours on jobs by making my own transmission lines. Easier to route and install plus helps me avoid delays waiting on parts."

– DUSTIN JANETZKE
CAPITAL CAR CARE
LANSING, MI





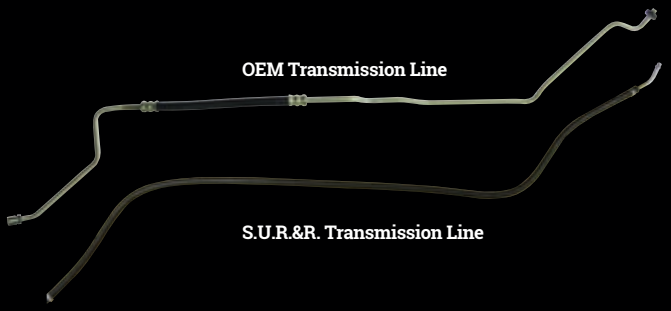
TR555

DELUXE Transmission Oil Cooler Line Repair Kit

Kit Includes 79 Pieces Plus 15' Hose

Use With 5/16" & 3/8" Lines

- Use to replace or make repairs on both 5/16" & 3/8" lines
- Immediate part availability, easier to install than OE lines
- 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



Replace Or Repair Transmission / Oil Cooler Lines For Virtually Any Vehicle Within Minutes

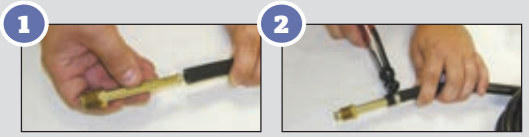
Make A New Line Or Repair A Leak In As Little As 5 Minutes



PROBLEM: Leaking transmission line connector

PROBLEM SOLVED: With quick connect and new transmission hose

Easy Assembly



Push on rubber hose to fitting

Crimp clamp

TRANSMISSION KIT CONTENTS

■ Indicates quantity included in TR555 DELUXE Transmission Oil Cooler Repair Kit

Rubber Hose

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	TR516H	15'	5/16" 3/8"	5/16" Transmission Rubber Hose – Universal (use for both 5/16" and 3/8" repairs)	25' roll

Line Connectors

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	TR750	1	3/8"	Dodge/Jeep Transmission Line	1/pkg
	TR755	1	3/8"	Ford Transmission Line	1/pkg
	TR760	1	3/8″	GM Transmission Line	1/pkg
	TR765	1	3/8"	GM Transmission Line	1/pkg
	TR770	1	3/8"	GM Transmission Line	1/pkg

Line Nuts

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	TR605	4	3/8"	3/8" Inverted Flare Nut 5/8" – 18 (use with TR985 & TR990)	4/pkg
	TR610	4	3/8"	3/8" Bubble Flare Nut M16 x 1.5 (use with TR985 & TR990)	4/pkg
	TR615	4	3/8"	3/8" Bubble Flare Nut M18 x 1.5 (use with TR985 & TR990)	4/pkg
	TR620	2	3/8"	3/8" Inverted Flare Nut (5/8"– 18 w/dog ear) (use with TR985 & TR990)	2/pkg

Universal Quick Connect

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	TR720	1	3/8"	3/8" Straight Push Quick Connect to Rubber	2/pkg

Line Adapters

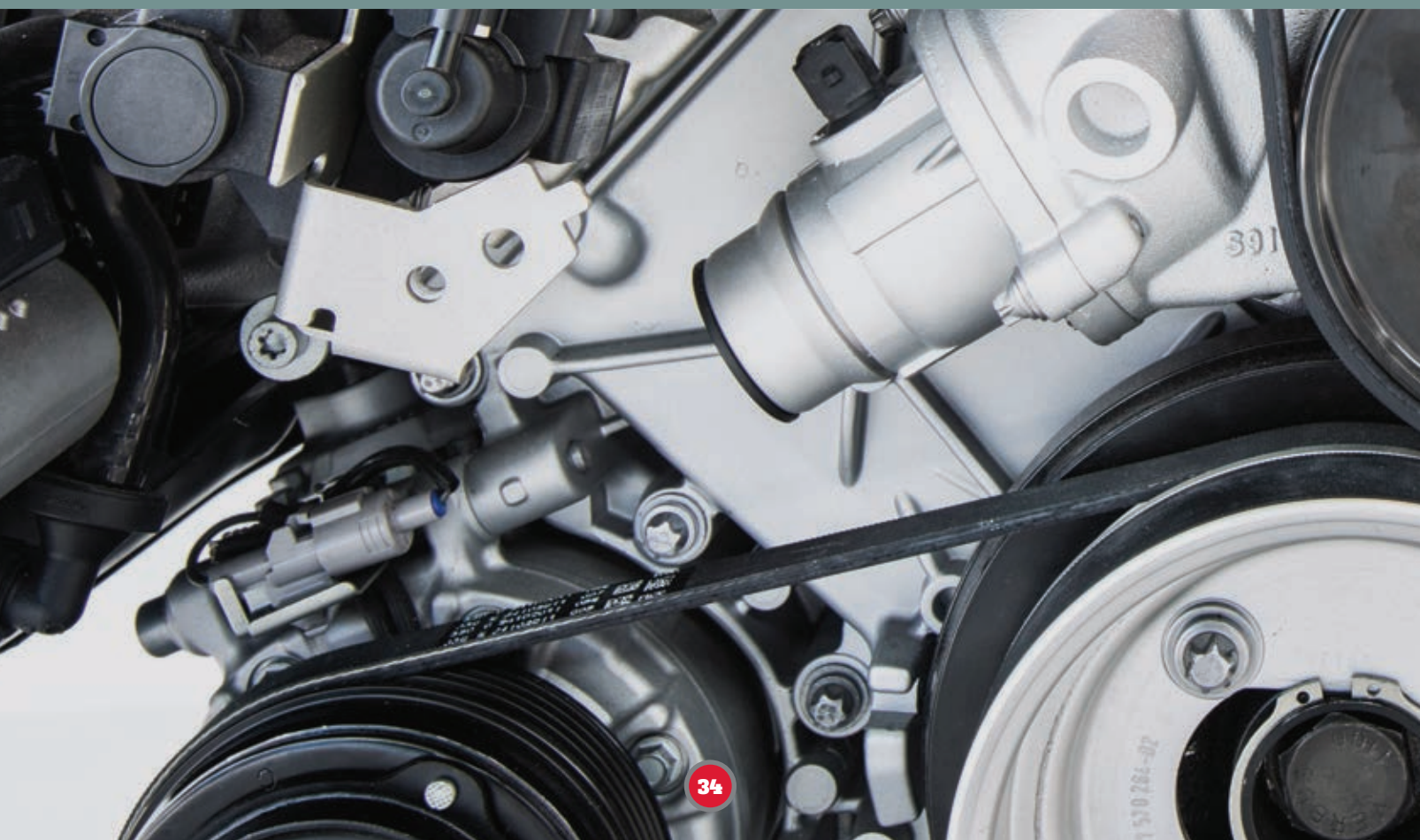
IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	TR405	1	5/16"	5/16" Steel Compression to 5/16" Rubber	2/pkg
	TR410	1	3/8"	3/8" Steel Compression to 5/16" Rubber	2/pkg
	TR935	2	5/16"	5/16" Inverted Flare with 5/8" – 18 Nut to Rubber	2/pkg
	TR940	2	5/16"	5/16" GM O-Ring with 1/2" – 20 Nut to Rubber	2/pkg
	TR945	2	5/16"	5/16" Inverted Flare with 1/2" – 20 Nut to Rubber	2/pkg
	TR950	1	5/16"	5/16" Rubber to Rubber Connector	2/pkg
	TR955	1	5/16"	5/16" Quick Connect to Rubber	2/pkg
	TR960	1	3/8"	3/8" to 5/16" Rubber to Rubber Connector	2/pkg
	TR965	1	3/8"	3/8" Quick Connect to Rubber	2/pkg
	TR970	1	3/8"	3/8" GM 45° Male to Rubber	2/pkg
	TR975	1	3/8"	3/8" GM 90° Male to Rubber	2/pkg
	TR980	2	3/8"	3/8" GM Straight Male to Rubber	2/pkg
	TR985	2	3/8"	3/8" Inverted Flare to Rubber (use with TR605, TR610, TR615 & TR620)	2/pkg
	TR990	2	3/8"	3/8" GM O-Ring to Rubber (use with TR605, TR610, TR615 & TR620)	2/pkg

Tools & Accessories

IMAGE	PART#	KITS/ QTY	LINE SIZE	DESCRIPTION	REORDER QTY
	CL12	10	1/2"	1/2" Hanger Clamp (includes screw) (use with TR516H 5/16" Rubber Hose)	10/pkg
	CP360	1	Up to 1" O.D.	360° Seal Clamp Pliers	1/pkg
	TC35	1	Up to 1-1/4" O.D.	Tube and Hose Cutter	1/pkg
	K6806	21	9/16"	9/16" Seal Clamp (use with TR516H 5/16" Rubber Hose)	10/pkg
	TR775	5	3/8"	3/8" Transmission Connector Clip	5/pkg

POWER STEERING

Power Steering Line Repair Products

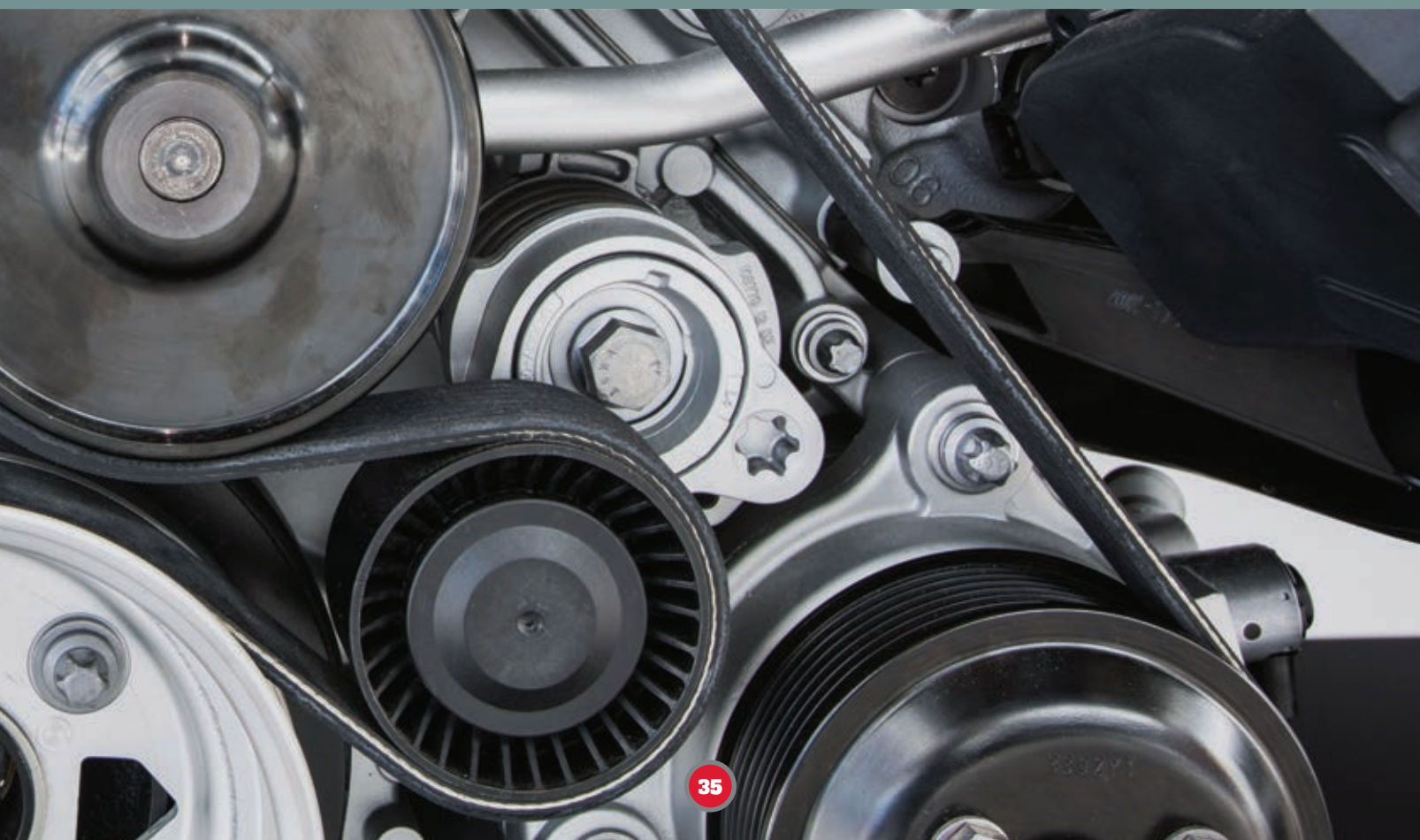


PS1000 Power Steering Hose Repair Kit

PS2000 Power Steering Hose Replacement Kit

"I've used S.U.R.&R. line repair kits for many years with much success. The new Power Steering Line Repair Kit is the latest addition to what has proven to be a great product line."

– MR. SCOTT O'NEIL
O'NEIL LUBE
AKRON, OH



POWER STEERING
LINE REPAIR AND REPLACE KITS

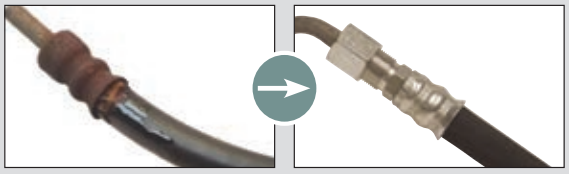
Repair And Replace High And Low Pressure Power Steering Lines

NO SPECIALTY TOOLS REQUIRED!

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

Repair Lines (PS1000 & PS2000)

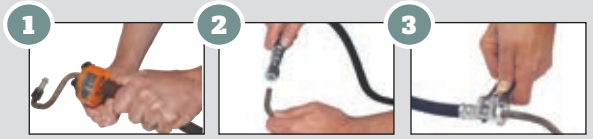
Repair Leaking Hoses In Minutes



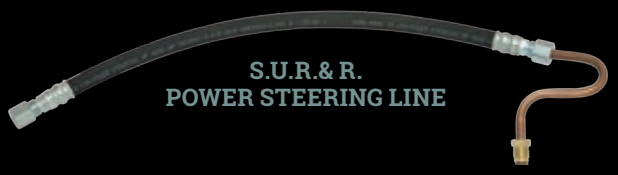
COMMON PROBLEM:
Leaking hose at collar

PROBLEM SOLVED:
With new
Power Steering Hose

Easy Installation

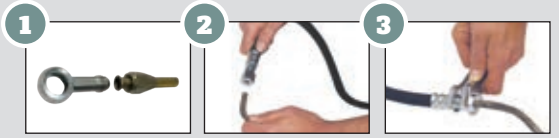


1. Cut Tubing
2. Push hose onto line
3. Tighten with wrenches

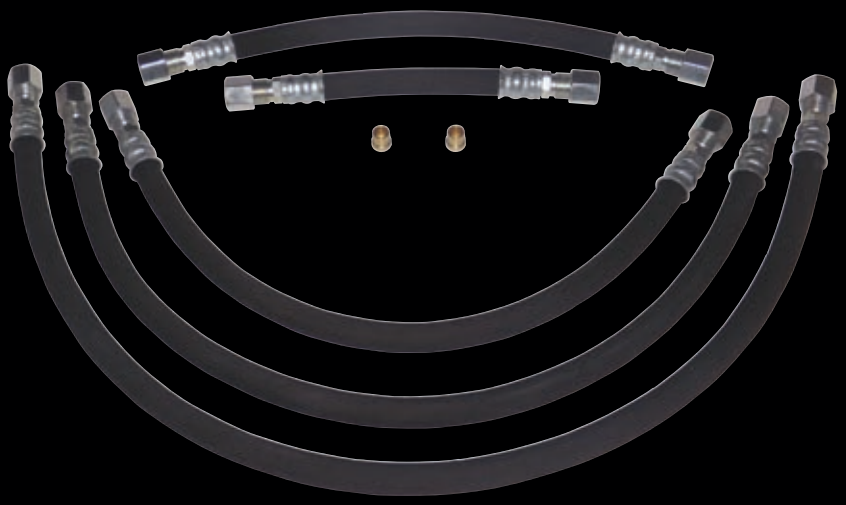


Replace Lines (PS2000)

Easy Installation



1. Cut tubing to size, flare, install correct fitting from assortment
2. Push hose onto flared UltraBEND tubing
3. Tighten with wrenches



PS1000

Power Steering Hose Repair Kit

Kit Includes Five Hoses (6″, 12″, 18″, 24″ & 30″) and Two 5/16″ Ferrules

Use With 3/8″ or 5/16″ Lines

- 95% coverage (domestic and foreign)
- Great alternative to replacing entire line

PS2000

Power Steering Hose Replacement Kit

Kit Includes Five Hoses (6″, 12″, 18″, 24″ & 30″) and Two Coils of UltraBEND®, and most popular threaded fittings

Use With 3/8" or 5/16" Lines

- 85% Coverage (Domestic and Foreign)
- 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

ULTRABEND Brake Line Tubing

Kit includes everything in the PS1000 plus UltraBEND® tubing and fittings



POWER STEERING KIT CONTENTS

■ Indicates quantity included in PS1000 Power Steering Hose Repair Kit
■ Indicates quantity included in PS2000 Power Steering Hose Replacement Kit

Power Steering Hose Replacement Fittings

IMAGE	PART#	KITS/QTY		SIZE / DESCRIPTION	REORDER QTY
	PS2105	2		5/16" Male Tube Nut M14 x 1.5	2/pkg
	PS2120	2		5/16" Male Tube Nut 1/2" x 20	2/pkg
	PS2125	2		3/8" Male Tube Nut 5/8" x 18	2/pkg
	PS2110	2		3/8" Male Tube Nut M16 x 1.5	2/pkg
	PS2115	2		3/8" Male Tube Nut M18 x 1.5	2/pkg
	PS2205	4		5/16" Female Tube Nut 1/2" x 20	2/pkg
	PS2210	4		3/8" Female Tube Nut 9/16" x 18	2/pkg
	PS2215	2		3/8" Female Tube Nut 5/8" x 18	2/pkg

IMAGE	PART#	KITS/QTY		SIZE / DESCRIPTION	REORDER QTY
	PS2220	2		3/8" Female Tube Nut M16 x 1.5	2/pkg
	PS2305	1		M14 Banjo 1/2" x 20 Thread	1/pkg
	PS2310	1		M14 Banjo 1/2" x 20L Thread	1/pkg
	PS2315	1		M16 Banjo 9/16" x 18L Thread	1/pkg
	PS2405	1		1/2" x 20 - 1/2" x 20 Bump Tube Adapter	1/pkg
	PS2410	1		M16 x 1.5 - 9/16" x 18 Bump Tube Adapter	1/pkg
	PS2415	1		M18 x 1.5 - 9/16" x 18 Bump Tube Adapter	1/pkg

Power Steering Hose

IMAGE	PART#	KITS/QTY		SIZE	DESCRIPTION	REORDER QTY
	PS16	1	1	3/8" or 5/16"*	3/8" x 6" Power Steering Hose	1/pkg
	PS112	1	1	3/8" or 5/16"*	3/8" x 12" Power Steering Hose	1/pkg
	PS118	1	1	3/8" or 5/16"*	3/8" x 18" Power Steering Hose	1/pkg
	PS124	1	1	3/8" or 5/16"*	3/8" x 24" Power Steering Hose	1/pkg
	PS130	1	1	3/8" or 5/16"*	3/8" x 30" Power Steering Hose	1/pkg

*Lines include 3/8" ferrules which can be replaced with interchangeable 5/16" ferrules (sold separately)

UltraBEND® Tubing

IMAGE	PART#	KITS/QTY		SIZE	DESCRIPTION	REORDER QTY
	BR–EZ300	10'		5/16"	5/16" UltraBEND Tubing	25'
	BR–EZ400	10'		3/8"	3/8" UltraBEND Tubing	25'

Power Steering Hose Ferrules

IMAGE	PART#	KITS/QTY		SIZE / DESCRIPTION	REORDER QTY
	PS810	2	2	5/16" Compression Union Ferrule	2



Cutting

Cutting Doesn't Get Any Easier Than This



Bending

Make Sharp Bends Without Kinking



Flaring

Perfect Flare Every Time



Clamping

Make Secure Connections In Seconds

S.U.R.&R. Specialty Tools:

MAKING YOUR JOB EASIER

Check out our extensive line of specialty tools which make everyday tasks simpler for the technician.



Straightening

Professional-Grade Lines Instantly

Line Prep

Prepare Tube For Flaring In Seconds





Stop The Mess

Prevents Messy Fluid Leaks During Service

Testing

Accurately Diagnose Fuel Delivery Problems



PFT409 Pistol Grip Flaring Tool

HFT50 HYDRA-Assist Flaring Tool

FT351 High Speed Super Duty Flaring Tool

FT351M Flaring Tool Bench Mount

BTB6P Brake Pro Bundle

BTB5K Brake Tool Assortment

TC60 Automatic/Ratcheting Tubing Cutter

TC40 Ratchet-Action Tubing Cutter

TP14316 Tubing Pliers

SPECIALTY TOOLS

Making Your Job Easier



TP3153 Multi-Size Tubing Bender

TS14316 Tubing Straightener & Bending Pliers

FLS330 Fluid Line Stopper Clamps

RM69 Brake Tubing Reamer

CP90 Heavy Duty Ratcheting Seal Clamp Pliers

CP360 360° Seal Clamp Pliers

TC35 & TC-1 Tubing & Hose Cutters

FA14/FA100 Flex Air Blow Gun Kit

UT15 UltraTOUGH Tape

TFS203 Temp Fuel Supply / Fuel Injection Cleaner

TAS3 Temporary Air Supply

FIC203/ FIC201 Fuel Injection Cleaner Kit

S-TOOL Intake Cleaning Adapter Kit

FIC903 Intake System Cleaner Canister

FPT22/ FPT10 DELUXE Fuel Injection Pressure Tester Kit

FPT290 DELUXE Fuel Pressure Tester Kit

TG16 Thread Gauge Kit

BRC7 Heavy Duty Copper Washer Assortment

HC102 Positive Seal Hose Clamp Kit

EGR312 EGR Port Cleaning Kit

"The specialty tools work, they save time, and are a great value."

– **MR. KRIS HAUGEBAK**
JOHNSTON AUTOSTORES
SPENCER, IA



PFT409
Pistol Grip Flaring Tool



Compact Pistol Grip Design For Ease Of Use. Perfect for Flaring in Tight Spaces.

- Line sizes 3/16", 1/4", 5/16", 3/8" and 4.75 mm
- Dual handles for optimal control and positioning
- Use on or off car (including use within vise)
- Heavy duty hydraulic ram with over 6,000 PSI crimping pressure
- Use with **S.U.R.&R. UltraBEND®**, steel and coated tubing
- Includes 10 punches and 4 dies (5/16" & 3/8" dies grooved for extra grip when used with steel and coated tubing)



Two-piece design allows for swivel action



Pins ensure accurate alignment of dies



Magnetic yoke holds dies securely in place



Detent ball provides quick punch change

Create Virtually Any Flare Instantly

(Applies to PFT409 and HFT 50)



SAE single (Bubble)



SAE (Double)



DIN single (Mushroom)

HFT50
HYDRA-Assist Flaring Tool

Fastest, Easiest Flaring Tool For Under The Car

- Line sizes 3/16", 1/4" and 4.75 mm
- 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 **S.U.R.&R. UltraBEND®**, Stainless Steel and Steel Tubing

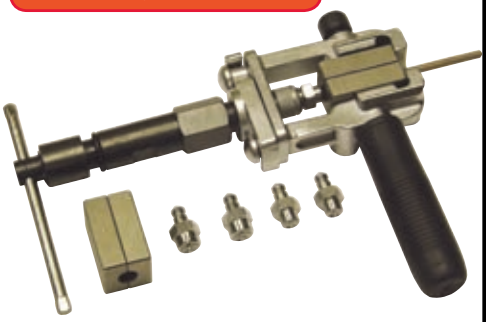


Quick Chuck for Fast Punch Changeover



S-Lock for Quick Assembly

Lightweight and Compact for Easy Operation



PART#	DESCRIPTION
HFT205	Die: 3/16"/4.75 mm – 45° & DIN
HFT210	Die: 1/4" – 45° & DIN
HFT305	Punch: 3/16"/4.75 mm – 45° Op. 1
HFT310	Punch: 1/4" – 45° Op. 1
HFT315	Punch: 3/16"/4.75 mm – DIN

PART#	DESCRIPTION
HFT320	Punch: 1/4" – DIN
HFT325	Punch: 3/16"/4.75 mm & 1/4" – 45° Op. 2
HFT605	HFT50 Allen Screw
HFT610	HFT50 S-Hook
HFT615	HFT50 Main Body

PART#	DESCRIPTION
HFT620	HFT50 Handle
HFT625	Hydra-Assist T-Handle Ram Assembly
HFT630	HFT50 Plastic Carry Case

All items included in kit, and are available for individual order.

PFT409 CONTENTS & ACCESSORIES

■ Indicates quantity included in PFT409

PFT409 Dies

IMAGE	PART#	DESCRIPTION	QTY	REORDER QTY
	PFT205	3/16"/4.75 mm – 45° & DIN	1	1
	PFT210	1/4" – 45° & DIN	1	1
	PFT215	5/16" – 45° + DIN	1	1
	PFT220	3/8" – 45°	1	1
	PFT245	3/16"/4.75 mm – 37°		1
	PFT250	1/4" – 37°		1
	PFT255	5/16" – 37°		1
	PFT260	3/8" – 37°		1

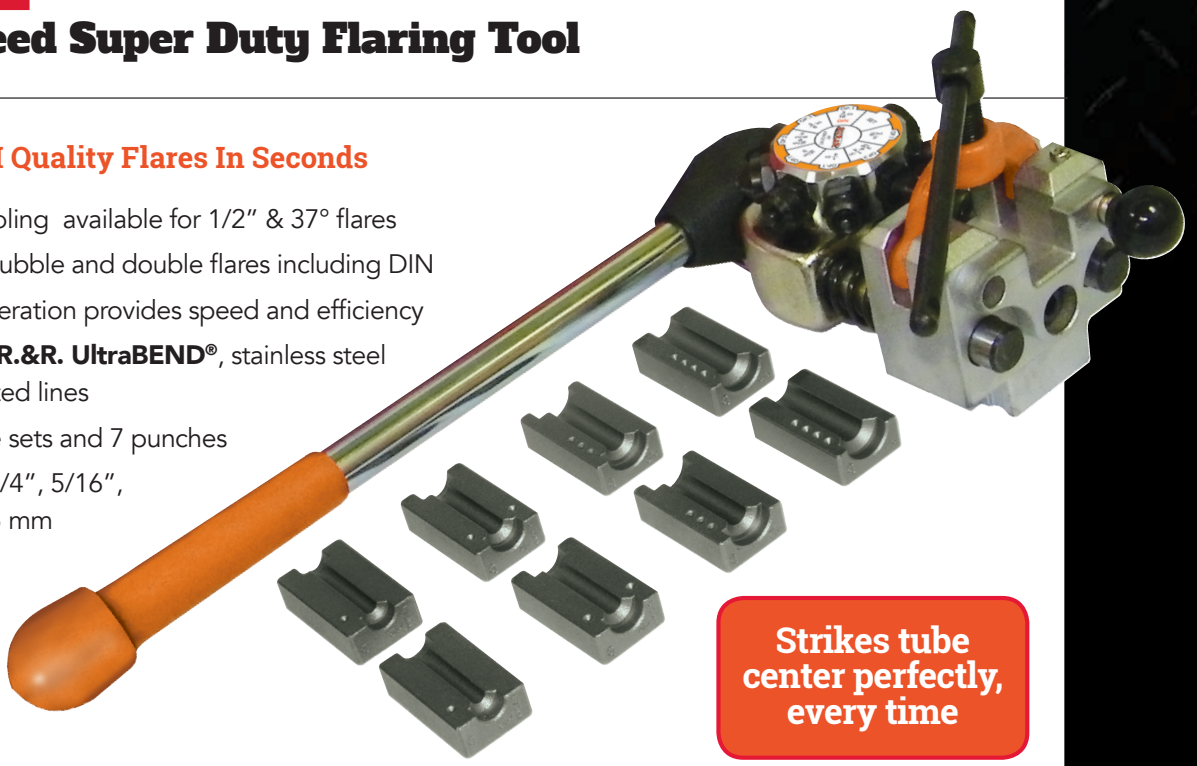
PFT409 Punches

IMAGE	PART#	DESCRIPTION	QTY	REORDER QTY
	PFT305	3/16"/4.75 mm – 45° Op. 1	1	1
	PFT310	1/4"/6 mm – 45° Op. 1	1	1
	PFT315	5/16"/8 mm – 45° Op. 1	1	1
	PFT320	3/8"/10 mm – 45° Op. 1	1	1
	PFT325	3/16"/4.75 mm – 37° Op. 2		1
	PFT330	3/16"/4.75 mm – DIN	1	1
	PFT335	1/4" – DIN	1	1
	PFT340	5/16"/8 mm DIN	1	1
	PFT350	3/16"/4.75 mm, 1/4"/6 mm – 45° Op. 2	1	1
	PFT355	5/16"/8 mm, 3/8"/10 mm – 45° Op. 2	1	1
	PFT383	OP0	1	1

PFT409 Accessories

IMAGE	PART#	DESCRIPTION	QTY	REORDER QTY
	PFT610	PFT409 Yoke Set Screw Handle	1	1
	PFT615	PFT409 Yoke	1	1
	PFT620	PFT409 Yoke Handle	1	1
	PFT625	PFT409 Hydraulic Handle	1	1
	PFT630	PFT409 Case	1	1

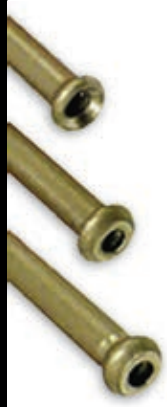
FT351
High Speed Super Duty Flaring Tool



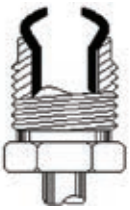
Produce OEM Quality Flares In Seconds

- Additional tooling available for 1/2" & 37° flares
- Creates 45° bubble and double flares including DIN
- Cam lever operation provides speed and efficiency
- Use with **S.U.R.&R. UltraBEND®**, stainless steel and poly-coated lines
- Includes 4 die sets and 7 punches
- Sizes 3/16", 1/4", 5/16", 3/8" and 4.75 mm

Strikes tube center perfectly, every time



Create Virtually Any Flare Instantly



SAE single (Bubble)



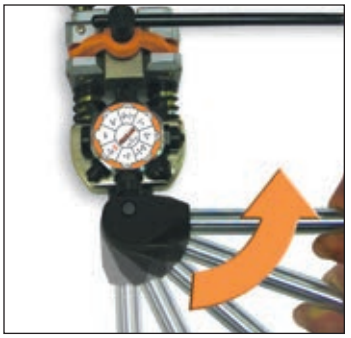
SAE (Double)



DIN single (Mushroom)



"Dial-A-Size" turret



High-speed cam lever



A perfect flare every time

FT351
Kit Contents

IMAGE	PART#	DESCRIPTION	QTY	REORDER QTY
	FT205	Die: 3/16"/4.75 mm – 45°	1	1/pkg
	FT210	Die: 1/4" – 45°	1	1/pkg
	FT215	Die: 5/16" – 45°	1	1/pkg
	FT220	Die: 3/8" – 45°	1	1/pkg
	FT225	Die: 1/2" – 45°		1/pkg
	FT230	Die: 6 mm – 45°		1/pkg
	FT235	Die: 8 mm – 45°		1/pkg
	FT240	Die: 10 mm – 45°		1/pkg
	FT245	Die: 3/16"/4.75 mm – 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	1/pkg
	FT290	Die: 1/4" – DIN		1/pkg

All items are available for individual order.

IMAGE	PART#	DESCRIPTION	QTY	REORDER QTY
	FT405	Punch: 3/16"/4.75 mm – 37° & 45° Op. 1	1	1/pkg
	FT410	Punch: 1/4"/6 mm – 37° & 45° Op. 1	1	1/pkg
	FT415	Punch: 5/16"/8 mm – 37° & 45° Op. 1	1	1/pkg
	FT420	Punch: 3/8"/10 mm – 37° & 45° Op. 1	1	1/pkg
	FT425	Punch: 1/2" – 37° & 45° Op. 1		1/pkg
	FT430	Punch: 3/16" – DIN	1	1/pkg
	FT435	Punch: 1/4" – DIN		1/pkg
	FT483	Punch: Tube Stop	1	1/pkg
	FT505	Punch: 3/16"/4.75 mm, 1/4"/6 mm – 45° Op. 2	1	1/pkg
	FT510	Punch: 5/16"/8 mm, 3/8"/10 mm – 45° Op. 2	1	1/pkg
	FT515	Punch: 1/2" – 45° Op. 2		1/pkg
	FT520	Punch: 3/16"/4.75 mm, 1/4"/6 mm – 37° Op. 2		1/pkg
	FT525	Punch: 5/16"/8 mm, 3/8"/10 mm – 37° Op. 2		1/pkg
	FT530	Punch: 1/2" – 37° Op. 2		1/pkg
	FT710	Blank Turret		1/pkg

FT351M
Flaring Tool Bench Mount



Produce OEM Quality Flares In Seconds

- Permanent mounting for ease of operation
- Low profile, compact design keeps bench free and clear

Use with S.U.R.&R. Part# FT351
High Speed Super Duty Flaring Tool
(sold separately)

BTB6P
Brake Pro Bundle

Save $ with Bundle

Complete Professional Brake Line Tools For Easier, Faster And More Profitable Repairs

- Contains everything you need to accurately cut, prep, flare, bend and straighten brake line tubing
- Includes fluid line stopper to help maintain a clean repair environment
- Installer preferred technology





HFT50
HYDRA-Assist Flaring Tool



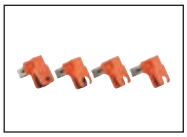
TC60
Automatic Ratcheting Tubing Cutter



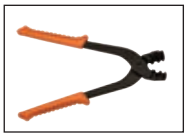
RM69
Brake Tubing Reamer



TS14316
Tubing Straightener & Bending Pliers



FLS330
Fluid Line Stopper Clamps



TP14316
Tubing Pliers

BTB5K
Brake Tool Assortment

Save $ with Bundle



Complete Brake Line Tool Assortment For Easier, Faster And More Profitable Repairs

- Contains everything you need to accurately cut, prep, bend and straighten brake line tubing
- Includes fluid line stopper to help maintain a clean repair environment
- Installer preferred technology



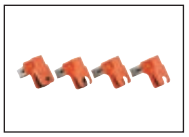
TC60
Automatic Ratcheting Tubing Cutter



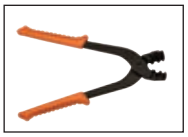
RM69
Brake Tubing Reamer



TS14316
Tubing Straightener & Bending Pliers



FLS330
Fluid Line Stopper Clamps



TP14316
Tubing Pliers

TC60
Automatic/Ratcheting Tubing Cutter



Innovative Design That's Great For Brake, Fuel, A/C, Transmission & More

- Easily cuts 3/16" – 5/8" tubing
- Spring-loaded automatic cutter
- Ratcheting action handle
- Removable cutting head
- Replacement blades available (PN# TC60B)



Removable cutting head great for tight spaces



Ratcheting action handle perfect for hard-to-reach places

Tighten and Spring-Loaded Cutter Does the Rest

TC40
Ratchet-Action Tubing Cutter



Miniature Design That's Great For Brake, Fuel, A/C, Transmission & More

- Easily cuts 1/8" – 1/2" tubing
- Great for cutting in tight spaces
- Ratcheting action handle
- Replacement blades available (PN# TC40B)



Spring-loaded automatic cutter: touch blade to tubing, turn dial 8 times, cut tubing



Ratcheting action handle perfect for hard-to-reach places

Mini Head Design for Cutting in Tight Spaces



Convenient fold-out reamer deburrs tubes after cutting.

TP14316
Tubing Pliers

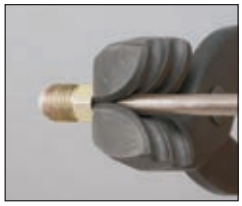


The Most Convenient Tubing Pliers Available

Fits 3/16" and 1/4" Tubing

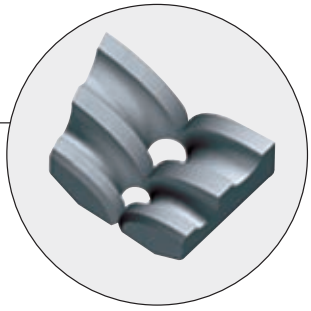
- Makes sharp bends without kinking lines
- Wide grip handle helps for maximum leverage
- Specially designed to grip and hold tubing
- Works great on **S.U.R.&R. UltraBEND®** alloy, steel, stainless steel, and poly-coated materials

Backed by a Lifetime Warranty





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



Larger jaw design for the perfect bend without kinking

TP3153
Multi-Size Tubing Bender



Unique Design Eliminates Need For Multiple Tools Or Adapters

Innovative design, great for bending lines: brake, fuel, transmission & more

- Use with SAE 3/16", 1/4", 5/16" & 3/8" tubing (OD) (also metric 6 mm, 8 mm & 10 mm)
- Works with **S.U.R.&R. UltraBEND®**, copper and aluminum tubing
- Wide grip, rubber sleeve handle minimizes slippage and reduces hand fatigue



SLIDE-TO-SIZE **selector for ease of use**





Create smooth bends in seconds for a professional look

TS14316
Tubing Straightener & Bending Pliers

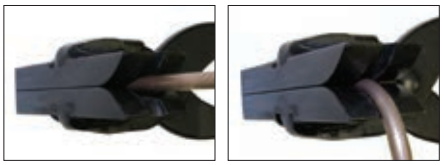


Make Your Own Professional-Grade Lines Instantly

Works with 3/16" and 1/4" Tubing

- Straighten or bend lines on or off the car
- Wide grip handle for maximum leverage
- Durable, heavy-duty construction for long lasting performance

Backed by a Lifetime Warranty



Straighten/Bend tubing for a clean and professional look

FLS330
Fluid Line Stopper Clamps



Prevents Messy Fluid Leaks During Service

Four 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



Spring loaded stopper installs in seconds



Use on banjo fittings up to 1/2"



RM69
Brake Tubing Reamer

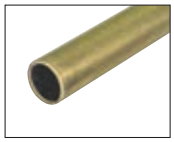


Prepare Tubing For Flaring In Seconds

- Deburr 3/16", 1/4", 5/16", & 3/8" tubing
- Advanced six-flute design produces smoother, cleaner tubing
- Eliminates additional labor due to bad flares
- Reduces wear on flaring tool punches



After cutting, tubing needs deburring



Deburred tubing is smooth, ready for flaring

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
- More effective than conventional clamp pliers



Ratcheting action for maximum clamping power



Works with single or double ear 360° seal clamps

Great For Large Sized Clamps



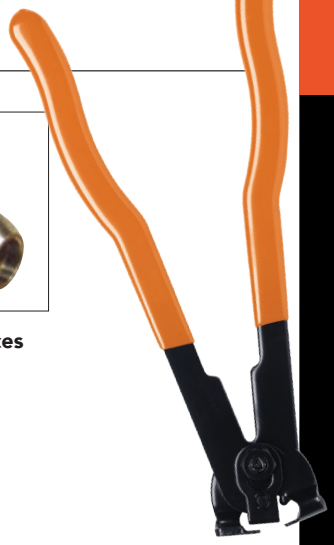
CP360
360° Seal Clamp Pliers

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



Thin head for crimping in tight spaces



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 (PN# TC35B)



TC-1

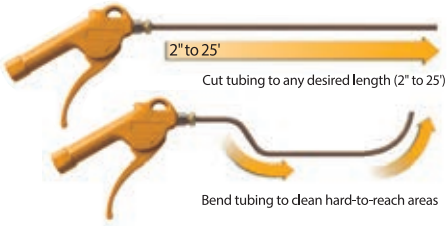
- Cuts up to 1/2" O.D.
- Perfect for cutting nylon tubing without collapsing walls
- Compact design great for carrying in pocket and working within tight spaces



FA14/FA100
Flex Air Blow Gun Kit

Customizable Extension For Hard-To-Reach Places

FA14 Includes: Flex Air Blow Gun (FA100), UltraBEND® Tubing (BR-EZ200 - 1/4"), and Tubing Connectors (BR1150 - Qty 4 - 1/4" nuts)





FA100
Flex Air Blow Gun



BR1150
Tubing Connectors

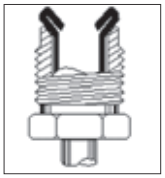


BR-EZ200
UltraBEND® Tubing

Easy 1, 2, 3 Installation!



Cut tubing to desired length



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



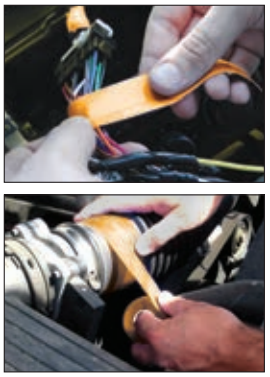
Create and Connect Extension Using: 3/16" BR145 & BR-EZ100 (sold separately) OR 1/4" BR1150 & BR-EZ200 (included in FA14 kit)

UT15
UltraTOUGH Tape

UltraTOUGH Tape

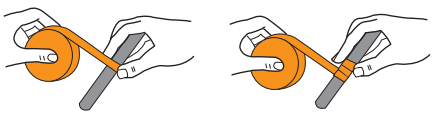
For Repairing Leaky Hoses, Tubing, Wiring Harnesses and Connections

- 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 up to 85 PSI
- Resists UV, salt, oil and chemicals
- 10' (3.05 m) roll



Used on auto, truck, RV, off road vehicles and more





TFS203
Temporary Fuel Supply / Fuel Injection Cleaner

(see page 57 for complete list of adapters)

Drive Fuel-Starved Vehicles And Perform Fuel Injection Cleaning Service Outside Of The Shop With This Convenient 2-In-1 System

2in1 Fuel System



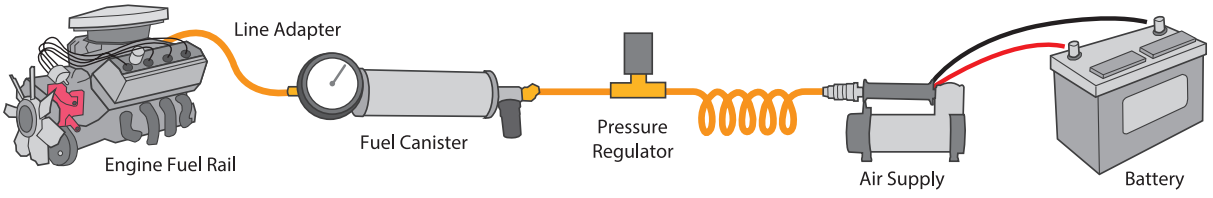
1 Fuel Injection Cleaner

- 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 petroleum based cleaning solution

2 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 gas or diesel
- One person can move vehicle in just a few minutes

SIMPLE TO CONNECT AND OPERATE



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
- Also available as part of TFS203 Temporary Fuel Supply/Fuel Injection Cleaner Canister



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

FIC203
Fuel Injection Cleaner Kit

(see page 57 for complete list of adapters)



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 oz. of canister cleaning solution
- Use with gasoline and diesel fuel engines
- Transparent adapter lines allow for visual inspection of fuel

Powerful Cleaning, Easy Connections



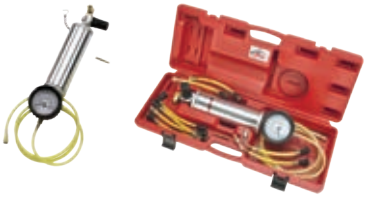
FIC201
Fuel Injection Cleaner Canister
(line adapters not included)

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

Use with S.U.R.&R. FIC201, FIC203 or TFS203 products *(each sold separately)* and canisters from other manufacturers





FIC903
Intake System Cleaner Canister



Improves Engine Performance And Decreases Harmful Emissions

- Cleans gum, varnish, and carbon deposits from Air Intake Systems, Combustion Chambers, EGR Valves, Intake Valves and 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
- More thorough cleaning than other methods

Complete Cleaning In Just 10 Minutes



Before **After**



Easily connects to vacuum line



Harmful deposits are burned away

FPT22 & FPT10
Fuel Injection Pressure Tester Kits

(see page 57 for complete list of adapters)

Accurately Diagnose Fuel Delivery Problems

Advanced kit tests faulty fuel pumps, pressure regulators, fuel lines, check valves, and fuel filters.

- Make connections quickly and easily using S.U.R.&R.-exclusive Quick Connect adapters with thumb release, push button convenience
- Extra-long, 9′ hose included 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
- Most user-friendly tester on the market



FPT22
DELUXE Fuel Injection Pressure Tester Kit



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

FPT290
DELUXE Fuel Pressure Tester Adapter Kit

(see page 57 for complete list of adapters)

Turn Your Basic Fuel Pressure Tester Into A Master Kit

Universal adapter set connects fuel pressure testers and injection cleaner canisters to virtually any vehicle.

- 21-piece kit fits over 90% of domestic and foreign vehicles
- 6' extension hose allows pressure gauge to be read inside vehicle during drivability testing
- Specially designed inline T-Connector makes it simple to connect and troubleshoot fuel pressure problems
- Save hundreds on adapter lines
- Most user-friendly adapter set on the market





Click it.
Advanced Quick Connect Technology



To connect, insert line end into quick connector



Push adapter over end until "click" sound occurs



To disconnect, simply push button down with thumb and remove quick connector

HOSE/ADAPTER LIST

for TFS203, FIC203, FPT290 and FPT22

- Indicates quantity included in TFS203 & FIC203
- Indicates quantity included in FPT290
- Indicates quantity included in FPT22

IMAGE	PART#	DESCRIPTION	KITS/QTY		
	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 (Large and 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" Spring Lock Line Adapter (Female)		1	1
	FSA55	9/16" Spring Lock Line Adapter (Male)	1	1	1
	FSA60	14 mm Line Adapter (Female)		1	1
	FSA65	14 mm Line Adapter (Male)	1	1	1
	FSA70	12 mm Banjo Line Adapter (Female)	1	1	1
	FSA71	14 mm Banjo Line Adapter (Female)			
	FSA75	12 mm Banjo Line Adapter (Male)		1	1

TG16
Thread Gauge Kit



Thread Gauges for Measuring Male or Female Threads

- Pre-hardened 4140 steel construction
- 16 thread sizes, metric and imperial
- Male & female threads
- Great companion to BR-EZ14 and BR-EZ316
- Great for use by parts retailers and repair professionals

KIT INCLUDES:

PART#	DESCRIPTION	QTY	REORDER QTY
TG91M	M9 x 1	1	1/pkg
TG101M	M10x1	1	1/pkg
TG121M	M12x1	1	1/pkg
TG10125M	M10 x 1.25	1	1/pkg
TG11125M	M11 x 1.25	1	1/pkg
TG3820	3/8 – 20 BSF	1	1/pkg
TG1015M	M10 x 1.5	1	1/pkg
TG1215M	M12 x 1.5	1	1/pkg

PART#	DESCRIPTION	QTY	REORDER QTY
TG12125M	M12 x 1.25	1	1/pkg
TG1415M	M14 x 1.5	1	1/pkg
TG3824	3/8 – 24 UNF	1	1/pkg
TG71620	7/16 – 20 UNF	1	1/pkg
TG91618	9/16 – 18 UNF	1	1/pkg
TG91620	9/16 – 20 UNF	1	1/pkg
TG1220	1/2 – 20	1	1/pkg
TG71624	7/16 – 24 UNF	1	1/pkg

BRC7
Heavy Duty Copper Washer Assortment Kit



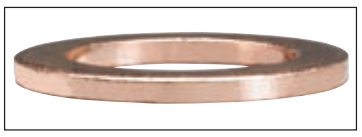
The Only Way To Seal High Pressure Hydraulic Braking Systems

Heavy duty washers for maximum sealing power

- Make durable, tight connections to banjo bolts
- Reduced outer dimension for less interference
- Annealed washers crush properly, make secure seals

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

All items included in kit, and are available for individual order.



Extra-thick washers provide more durable sealing power

HC102
Positive Seal Hose Clamp Kit



Superior 360° Sealing For High-To-Low Pressure Applications Including: Fuel, A/C, Transmission 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

PART#	DESCRIPTION	QTY	REORDER QTY
K2978	1/4" 360° Seal Clamp	10	10/pkg
K2980	5/16" 360° Seal Clamp	10	10/pkg
K2982	3/8" 360° Seal Clamp	10	10/pkg
K2984	1/2" 360° Seal Clamp	10	10/pkg
K6806	9/16" 360° Seal Clamp	10	10/pkg
K6807	11/16" 360° Seal Clamp	10	10/pkg

PART#	DESCRIPTION	QTY	REORDER QTY
K6808	23/32" 360° Seal Clamp	10	10/pkg
K6810	3/4" 360° Seal Clamp	10	10/pkg
K6811	7/8" 360° Seal Clamp	10	10/pkg
K6812	15/16" 360° Seal Clamp	10	10/pkg
CP360	360° Seal Clamp Pliers	1	1/pkg

EGR312
EGR Port Cleaning Kit

The Most Convenient Kit Available For Cleaning Out Clogged EGR Ports

- Flexible, spring steel drill bit designed to easily route through EGR ports
- No need to remove entire intake manifold
- Bits available in 9", 12", & 21" lengths
- More effective than other methods including use of speedometer cables and coat hangers
- Solves emission problems like high NOx levels and improves engine performance
- Also available in 1/4" for diesel applications

PART#	DESCRIPTION	QTY
EGR9	*3/16" Flexible EGR Drill Bit – 9"*	—
EGR12	**3/16" Flexible EGR Drill Bit – 12"**	**1**
EGR21	*3/16" Flexible EGR Drill Bit – 21"*	—
EGR1412	*1/4" Flexible EGR Drill Bit – 12"*	—

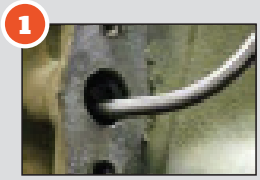
Bold items included in EGR312 Kit / *Italic items are available to order.*

Kit Includes:

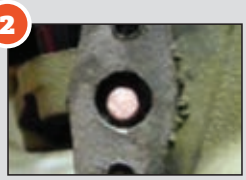
- 12" flexible EGR drill bit
- Two-sided steel pick
- Steel wire brush
- Transparent storage tube



EGR Port Cleaning



1 **Attach flexible bit to drill, insert tip into point**



2 **Use steel brush or pick to clean remaining deposits**

Simple. Thorough. Effective.



Heat-treated tip rips through carbon deposits

GENERAL USE



Convenient poster makes ordering parts easy!

S.U.R.&R.

Vehicle Fluid Line Repair Solutions

S.U.R.&R. products are designed to provide ease of use, superior quality and cost savings for both the repair facility and vehicle owner.

Each S.U.R.&R. product is backed by a skilled team of professionals committed to your total satisfaction.

S.U.R.&R.
Vehicle Fluid Line Repair Solutions

Your single source of automotive fluid lines that install quickly and easily, and are designed to last.

BRAKE

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

FUEL

With S.U.R.&R., you have a proven and cost effective solution for building and replacing damaged fuel lines for practically any vehicle.

AIR CONDITIONING

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

POWER STEERING

Repair high and low pressure power steering lines.

COOLANT

Perfect for vans, SUVs and other vehicles with failed rear heater lines and systems.

TRANSMISSION

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

SPECIALTY TOOLS

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

View all specialty tools at surrauto.com/specialty-tools

1-800-390-3996

For new products, videos and latest news from S.U.R.&R. go to www.surrauto.com

Poster Makes Ordering Parts Easy – See Page 60 for Details

© 2017 S.U.R.&R. All rights reserved. | PN#012459 | Rev 1 10/17 | S.U.R.&R. is a division of the Husky® Corporation