



PERFORMANCE PRODUCTS

**PERFORMANCE PLUMBING
AND BRAKE LINES**

Fuel Lines And Filters

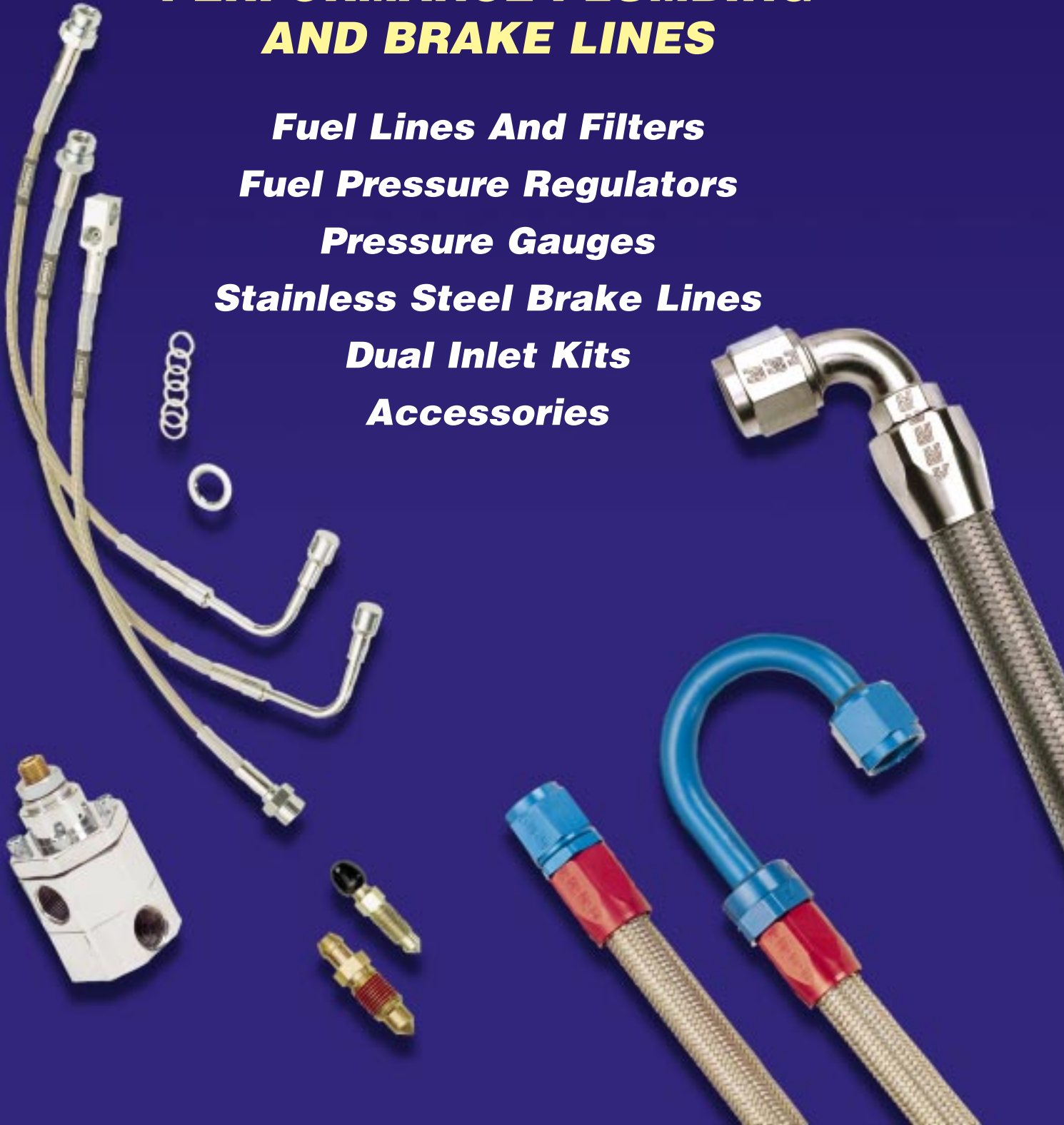
Fuel Pressure Regulators

Pressure Gauges

Stainless Steel Brake Lines

Dual Inlet Kits

Accessories



From the President ...



Thank you for supporting us for over a quarter of a century. As an industry leader in performance plumbing and brake lines, we continue to bring the most innovative, distinctive ideas and products to the market as is evidenced by the products featured in this catalog. We hope you like our new layout as it has been designed to be extremely user friendly and educational.

Sincerely,

Dave Russell – President & CEO

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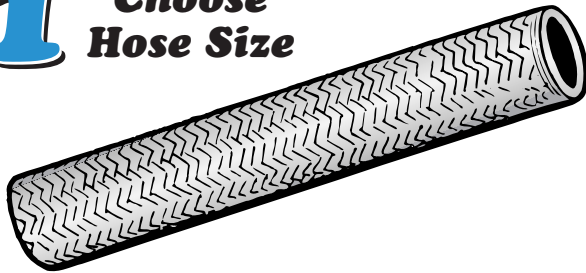
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The **3** Basic Elements To Plumbing

In order to plumb your vehicle with a minimum amount of time, effort and money, you should know the basics about hose, hose ends and adapter fittings.

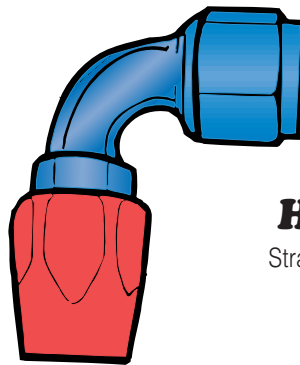
Hose diameters are assigned AN numbers. Using your automotive hose size, choose from the chart below to find the AN equivalent for hose, hose ends and adapter fittings. For example: a 3/8" standard hose equals -6AN.

1 Choose Hose Size



HOSE CONVERSIONS		
Std. Automotive Hose	=	AN Equivalent
1/4"	=	-4
3/8"	=	-6
1/2"	=	-8
5/8"	=	-10
3/4"	=	-12
1"	=	-16
1 1/4"	=	-20
1 1/2"	=	-24

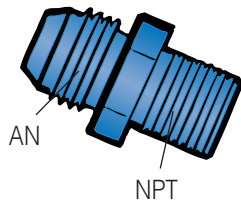
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Choose Hose End Style

Straight, 45°, 90°, 120°, 150°, 180°
In Same AN Size As Hose

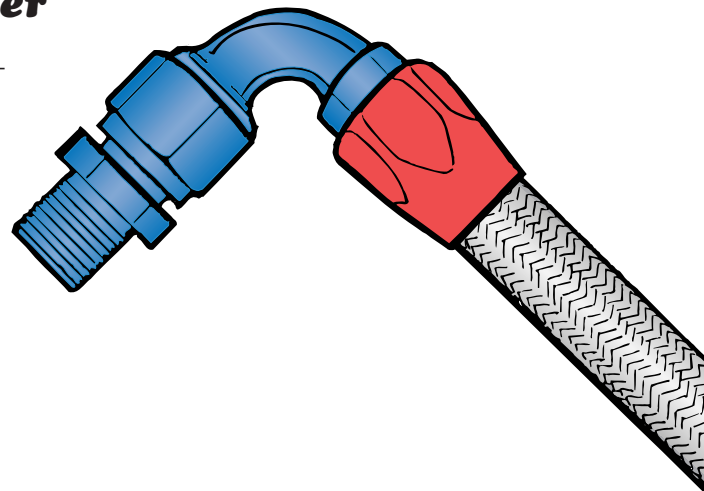
+3



Choose Adapter

Adapt AN to NPT
Example: AN 6 to 3/8 NPT

= FINISHED PRODUCT



ProFlex™ Hose

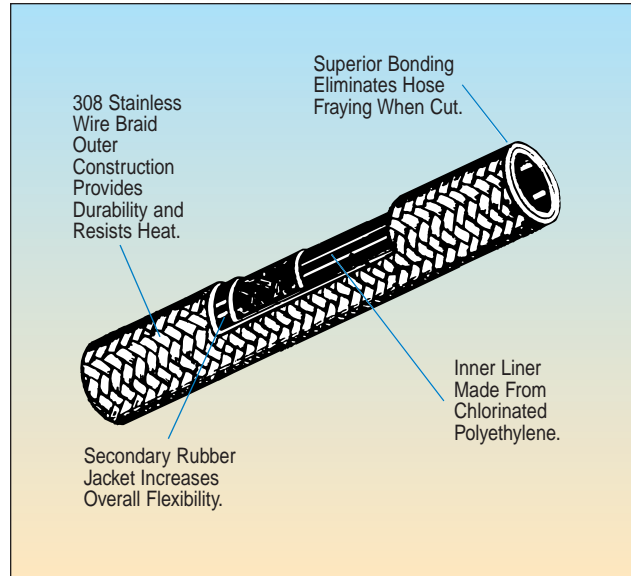
Stainless Steel Braided Hose

For maximum protection and reliability, more professionals and enthusiasts choose ProFlex™ performance hose. Constructed with a stainless steel outer braid that resists abrasion and corrosion. It has a CPE synthetic rubber liner with a nylon inner braid that will not collapse under extreme heat yet is extremely flexible.



- Bright stainless steel covering makes for a more attractive professional installation and is abrasion resistant
- Temperature range of -40°F to +350°F for a wider variety of uses and routing
- Compatible with all hydrocarbon and alcohol based fuels, lubricants and additives
- Available in AN sizes -4, -6, -8, -10, -12, -16, -20 & -24
- Use with Full Flow™, Full Flow™ Swivel and Tube Seal™ hose ends (see pages 8-10, 51)
- Use with AN adapter fittings in either Endura™ or conventional anodized finishes (see pages 13-18)

APPLICATIONS: Fuel, oil, water, heater, radiator



HOSE SIZE	Actual I.D.	Nominal I.D.	Max PSI	CUT TO ORDER		PRE-PACKAGED ROLLS					
				BULK SOLD PER FOOT	1-1/2' Roll	2-1/2' Roll	3' Roll	6' Roll	10' Roll	15' Roll	20' Roll
-4	7/32"	1/4"	1000	3000	-	-	3200	3201	3202	3203	3204
-6	11/32"	3/8"	1000	3001	-	-	3205	3206	3207	3208	3209
-8	7/16"	1/2"	1000	3002	-	-	3210	3211	3212	3213	3214
-10	9/16"	5/8"	750	3003	-	-	3215	3216	3217	3218	3219
-12	11/16"	3/4"	750	3004	-	-	3220	3221	3222	3223	3224
-16	7/8"	1"	750	3005	-	-	3225	3226	3227	3228	3229
-20	1-1/8"	1-1/4"	750	3006	-	-	3230	3231	3232	3233	3234
-24	1-1/2"	1-1/2"	750	-	3235	3236	-	-	-	-	-

BASIC HOSE CUTTING INSTRUCTIONS for ProFlex™ Hose, ProRace Hose

1. Measure hose to the length needed.
2. Wrap masking tape once or twice around the area to be cut.
3. Cut the hose with either a cutting wheel or a fine tooth hack saw.
4. Assemble with proper hose ends. (see page 8-10)

TYPICAL HOSE USES

Hose Size	Applications
-4	Small oil and fuel lines, fuel pressure gauges, vacuum lines
-6	Carburetor, fuel, oil lines
-8	Fuel, oil, water lines
-10	Fuel, oil, water lines, heater hoses
-12	Fuel, oil, water lines, heater hoses
-16	Fuel, oil, water lines, heater hoses
-20	Fuel, oil, water hoses
-24	Radiator hoses

Premium Performance Aerospace Hose Used By Hard Core Racers

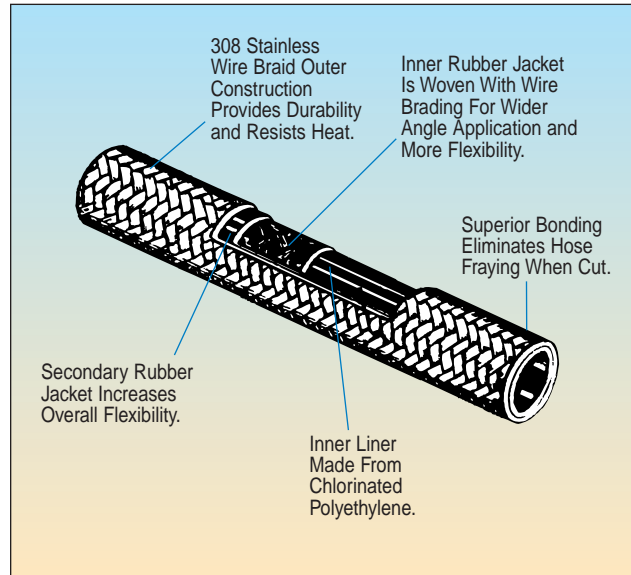
For superior fluid compatibility and temperature range, select the ProRace hose.

It's specially formulated CPE synthetic inner liner is embedded with a partial coverage stainless steel inner braid, then bonded together by a full coverage stainless steel outer braid. This combination guarantees the optimum in bonding characteristics while maximizing hose flexibility. Lightweight for better power to weight ratio.

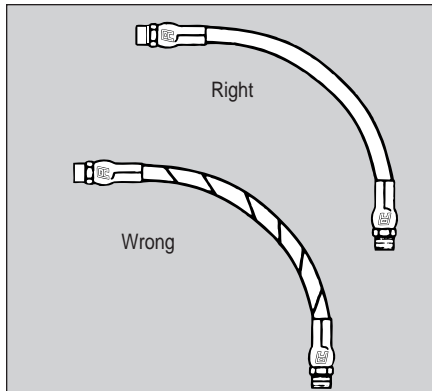


- Rugged stainless steel jacket resists abrasion
- Flow rate is consistent throughout the operating range from -40°F to +350°F
- Compatible with all hydrocarbon and alcohol based fuels, lubricants and additives thus eliminating deterioration and leakage caused by inferior grade hoses
- Works with all adapter fitting sizes of -4, -6, -8, -10, -12 & -16 for all applications
- Use with Full Flow™, Endura Full Flow™ and Tube Seal™ hose ends (see pages 8 - 10, 51)

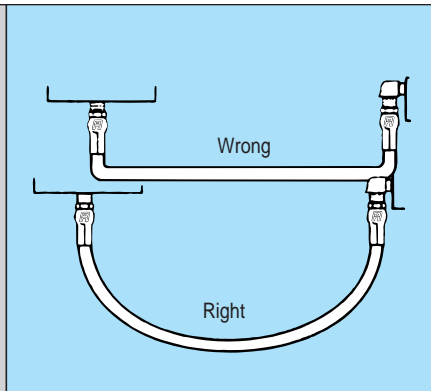
Size	Actual I.D.	Nominal I.D.	Max PSI	Per Foot	10' Roll	20' Roll
-4	7/32"	1/4"	1500	3280	3286	3287
-6	11/32"	3/8"	1500	3281	3288	3289
-8	7/16"	1/2"	1500	3282	3290	3291
-10	9/16"	5/8"	1250	3283	3292	3293
-12	11/16"	3/4"	1000	3284	3294	3295
-16	7/8"	1"	750	3285	3296	3297



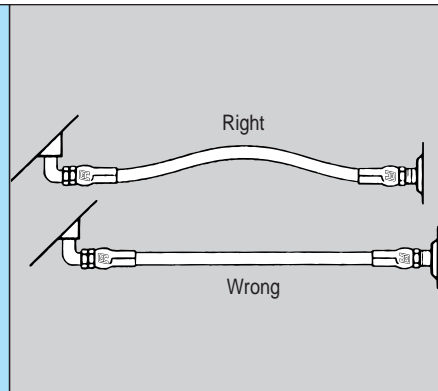
Hose Installation Tips



Avoid installing the hose in a twisted position. This can weaken your assembly as well as under pressure tends to loosen fitting connections.



When routing the hose assembly provide a smooth bend radius. Avoid sharp bends, which will collapse the hose I.D., thus restricting flow. Exceeding minimum bend radius will reduce hose assembly life.



Allow slack in your hose assembly for changes in length that occur under pressure. This allows your hose to absorb the energy, not your connections.

Twist-Lok™ Hose

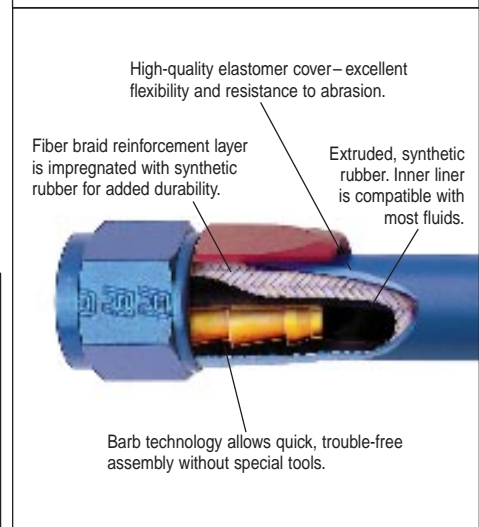
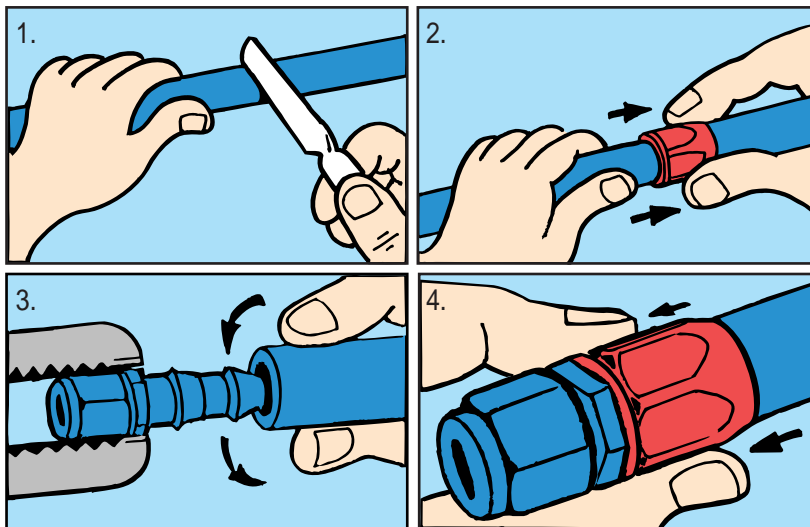


High Quality Hose For The Cost-Conscious Racer

For the enthusiast looking for a quality performance hose while wanting to save assembly time and money, Russell Twist-Lok™ Hose is the way to go. Easy to assemble, flexible and lightweight, it is ideal for most automotive applications where a stainless steel braided line is not necessary.

- Easy assembly using push-on barb technology
- CPE synthetic rubber liner with a reinforcing fabric braid
- Lightweight and flexible
- Compatible with hydrocarbon and alcohol based fuel, lubricants and additives
- Pressure rated up to 250 psi – suitable for most fuel and oil systems (not for power steering applications)
- Use with reusable Twist-Lok™ Hose Ends only (see page 11)
- Works with all AN adapter fittings (see pages 13 thru 18)

Size	Hose I.D.	Max PSI	Per Foot	10' Box	15' Box	25' Box	50' Box
-4	1/4"	250	3400	3410	3411	3412	3413
-6	3/8"	250	3401	3414	3415	3416	3417
-8	1/2"	250	3402	3418	3419	3420	3421
-10	5/8"	250	3403	3422	3423	3424	3425
-12	3/4"	250	3404	3426	3427	3428	3429



INSTALLATION INSTRUCTIONS

1. Cut hose to length using a sharp knife or shears.
2. Slide decorative red socket over hose (the hex end goes toward the tip of the hose). Liberally oil the inside of the hose and barbed end of the hose end.
3. Insert the barbed end into hose using a twisting action. Put the swivel end at center hex in a vise. Use a twist motion to bottom the hex even with the hose edge.
4. Using a flat screwdriver, pry the hex socket open and push up until it bottoms out on the hex. Note: Be sure the slot is positioned to the back of the hose assembly for appearance purposes.

TO REUSE TWIST-LOK™ HOSE END

To remove the hose end, take a razor blade and slice the hose through the slit in the red socket. Pry red socket open with a screwdriver and slide red socket backwards.

Remove the barbed end by hand. You are now disassembled.

CAUTION: Hose must be recut, removing area expanded by hose barb.

PowerFlex™ Power Steering Hose



Stainless Braided Hose For High Pressure Power Steering Lines

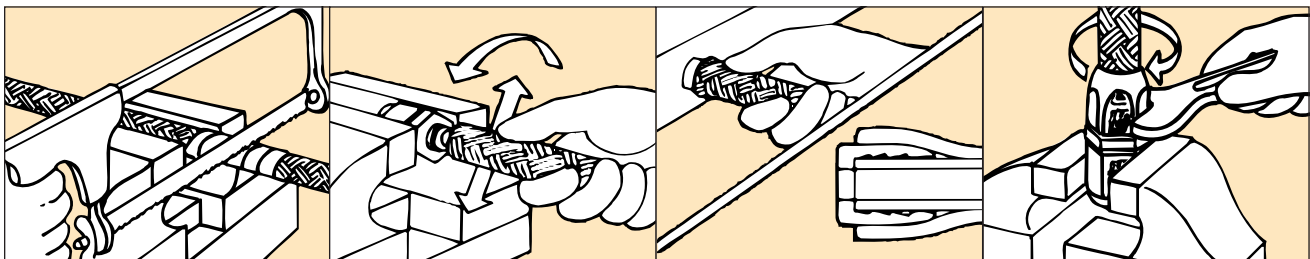
For high pressure power steering lines, PowerFlex™ Power Steering Hose is the preferred choice. When used in conjunction with Russell's PowerFlex™ hose ends, the end result is a durable and professional hose that resists leaks, providing years of service. A choice of power steering adapters are available to allow the connection to most pumps, feed, pressure and return lines.

- Teflon® inner liner with a 308 stainless steel braid
- Hose is rated at 2500 psi
- Use with super strength high alloy steel PowerFlex™ Hose Ends for enhanced reliability (see page 12)
- Select the appropriate power steering adapter to complete the assembly (see page 12)



Size	Hose I.D.	Max PSI	Per Foot	3' Roll	6' Roll	10' Roll
-6	11/32"	2500	3259	3260	3261	3262
-8	7/16"	2500	3071	3266	3267	3268
-10	9/16"	2500	3270	3271	3272	3273

How To Assemble PowerFlex™ Hose To PowerFlex™ Hose End



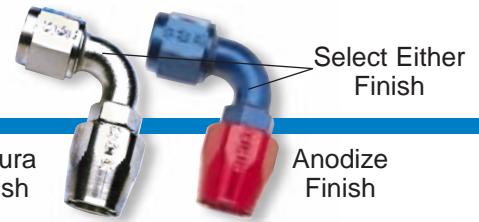
STEP ONE: Wrap the hose tightly with electrical tape. Hold the hose firmly in a vise without crushing and cut through the tape. Make sure you make a straight cut. Remove the tape slowly and deburr the teflon edges. Install the socket on the hose and slide it back out of the way.

STEP TWO: Insert the nipple portion of the PowerFlex hose end in a vise. Slip the hose over the nipple in a twisting motion to size the I.D. of the teflon. Separate the wire braid from the O.D. of the teflon tube with a small screwdriver. Be careful not to crush the teflon.

STEP THREE: Push the olive sleeve around the teflon and between the braid. This can be done by pushing the olive sleeve against the side of your workbench or vise. Be sure the teflon liner is square to the bottom of the olive. With the nipple in the vise, lube the threads and the nipple portion of the hose end sparingly. Insert the hose over the nipple making sure the olive does not pop off the teflon tube.

STEP FOUR: Start the socket onto the nipple by hand. Tighten with a wrench until the gap between the nipple and the socket is no more than 1/16". Clean the hose assembly and pressure test before using.

Full Flow™ Hose Ends



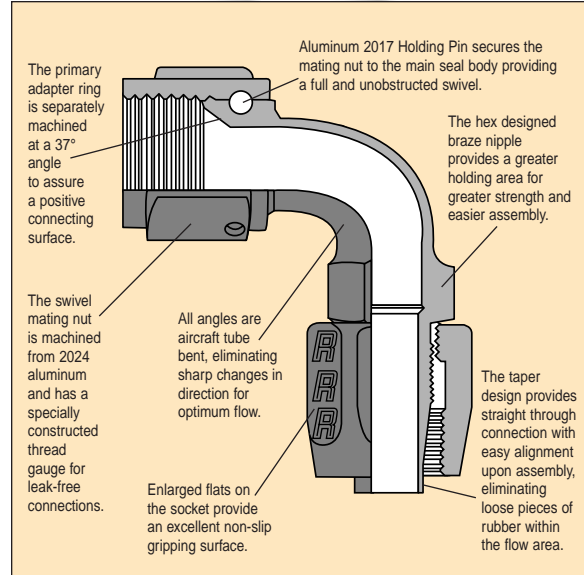
Endura Finish

Anodize Finish

Reusable Full Flow™ Hose Ends Are Designed To Be Used With ProFlex™ and ProRace™ Hose

For over a quarter of a century, Russell's unique taper-designed Full-Flow™ hose ends have been the choice of racing professionals.

- Lightweight aluminum hose ends are completely re-useable
- Unique taper design ensures easier assembly
- 37° angled sealing surface guarantees a positive anti-leak seal (does not require a sealing compound or Teflon® tape for sealing)
- Available in two corrosion resistant finishes:
 - red and blue anodize - for a traditional look
 - ultra brite Endura™ - unique finish which simulates the appearance of stainless steel
- Interchangeable with many other manufacturer's hose ends
- Accepts a wide variety of lightweight aluminum AN style adapter & carburetor fittings (see pages 13-18, 44)
- Use with ProFlex™ and ProRace Hose (see pages 4 & 5)



Straight End



45° End



90° End



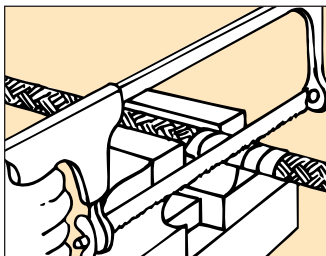
120° End



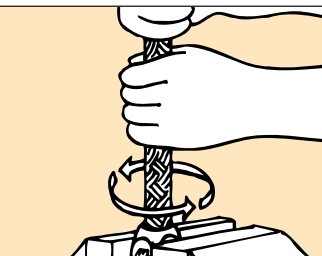
180° End

Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #
-4	1001	10011	1008	10081	1015	10151	-	-	-	-
-6	1002	10021	1009	10091	1016	10161	1022	10221	1026	10261
-8	1003	10031	1010	10101	1017	10171	1023	10231	1027	10271
-10	1004	10041	1011	10111	1018	10181	1024	10241	1028	10281
-12	1005	10051	1012	10121	1019	10191	1025	10251	1029	10291
-16	1006	10061	1013	10131	1020	10201	-	-	-	-
-20	1007	-	1014	-	1021	-	-	-	-	-

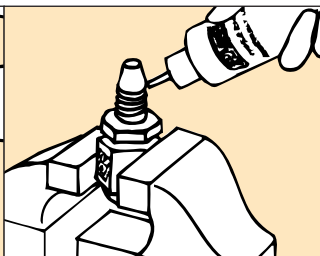
How To Assemble Full Flow™ Hose Ends



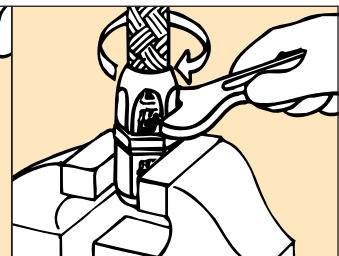
STEP ONE: Measure hose to desired length. To minimize wire braid fraying, wrap the hose tightly with race or electrical tape at the point determined for cut. Using a vise, clamp the hose loosely and position the cut line at the edge of the vise, then cut through the tape. Best way to cut is with a hack saw with two blades opposing one another. Remove the tape prior to the next step.



STEP TWO: Unscrew the red socket of the hose end from the nipple. Hold the socket with a vise using soft jaws and insert the hose into the socket by turning it counter clockwise. The hose will stop at the bottoming step of the socket.



STEP THREE: Position the nipple assembly of the hose end in the vise using soft jaws. Apply assembly lube sparingly to the threads of the socket as well as to the nipple assembly.



STEP FOUR: Start the socket over the nipple by hand to insure correct alignment of threads and tighten as far as possible by hand. Finish tightening the socket with the correct AN wrench until it reaches the nipple hex or when there is no more than 1/16" gap between the nipple/socket assembly. Inspect the assembly and thoroughly wash it. Pressure test prior to use.

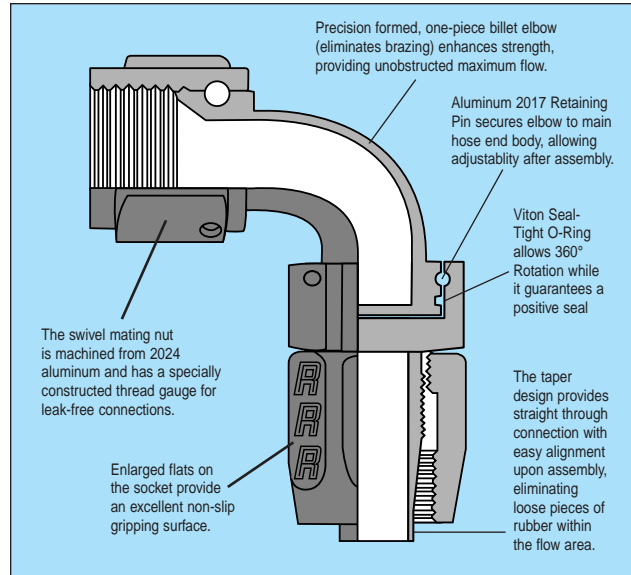
Full Flow™ Swivel Hose Ends



Unique 360° Swivel Hose Ends Fit ProFlex™ and ProRace Hose

Russell's Full Flow™ Swivel hose ends swivel a full 360° to maximize hose installation allowing for quick alignment of ends after hose assembly.

- 360° of adjustability after assembly
- Lightweight aluminum hose ends are completely re-useable
- Unique taper design ensures easier assembly
- 37° angled sealing surface guarantees a positive anti-leak seal (does not require a sealing compound or Teflon® tape for sealing)



- Mandrel bent tubing for superior flow
- Available in two corrosion resistant finishes:
 - red and blue anodize – for a traditional look
 - ultra brite Endura™ – unique finish which simulates the appearance of stainless steel
- Interchangeable with most manufacturers hose ends
- Accepts a wide variety of lightweight AN style adapter & carburetor fittings (see pages 13-18, 44)
- Use with ProFlex™ and ProRace Hose (see pages 4 & 5)



45° Swivel

90° Swivel

120° Swivel

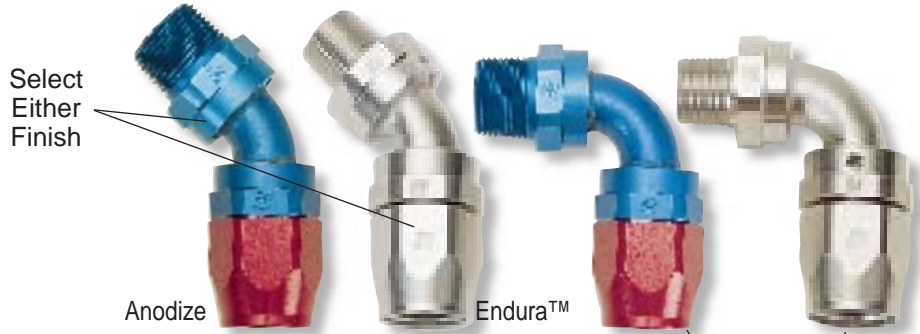
150° Swivel

180° Swivel

Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #
-6	1309	13091	1316	13161	1322	13221	1335	13351	1326	13261
-8	1310	13101	1317	13171	1323	13231	1336	13361	1327	13271
-10	1311	13111	1318	13181	1324	13241	1337	13371	1328	13281
-12	1312	13121	1319	13191	1325	13251	1338	13381	1329	13291
-16	1313	13131	1320	13201	1331	13311	1339	13391	1330	13301

Full Flow™ Swivel Pipe Thread Hose Ends

Russell's unique new Full Flow Swivel Pipe Thread Hose Ends are the perfect answer for connecting your oil and fuel lines without the need for a separate adapter. Each hose end attaches to the hose and threads directly into the fuel pump, fuel filter, Y-block or oil pump, eliminating the secondary AN adapter fitting. Available in ultra brite Endura™ and traditional red and blue anodize finishes.



Size	Pipe Size	45° Anodize	45° Endura	Pipe Size	90° Anodize	90° Endura
-6	1/4" NPT	1200	12301	-6 x 1/4" NPT	1209	12361
-8	3/8" NPT	1201	12311	-8 x 3/8" NPT	1210	12371
-8	1/2" NPT	1202	12321	-8 x 1/2" NPT	1211	12381
-10	1/2" NPT	1203	12331	-10 x 1/2" NPT	1212	12391
-12	1/2" NPT	1204	12341	-12 x 1/2" NPT	1213	12401
-12	3/4" NPT	1205	12351	-12 x 3/4" NPT	1214	12411

Hose & Fitting Assembly Lube and Sealant Kit

Precision Hose & Fitting Assembly Lube

- Allows easy assembly & disassembly of hose ends
- Prevents galling when assembling hose ends
- Will not damage inner liner of hose
- Can be used as multi-purpose lubricant
- Meets the requirements of high/low temperature applications

Anti-Seize Thread Sealant

- Instant seal for use on pipe threads (eliminates the use of Teflon® tape)
- Non-hardening, non-curing compound
- Instant self sealing
- Can be used as gasket & flange sealant
- Resistant to fuels, lubricants, anti freeze, fluorocarbons
- Temperature range: -60° to +600° F



Part #	Description
7157	Assembly Lube/Sealant Kit

AN Hose End Wrenches

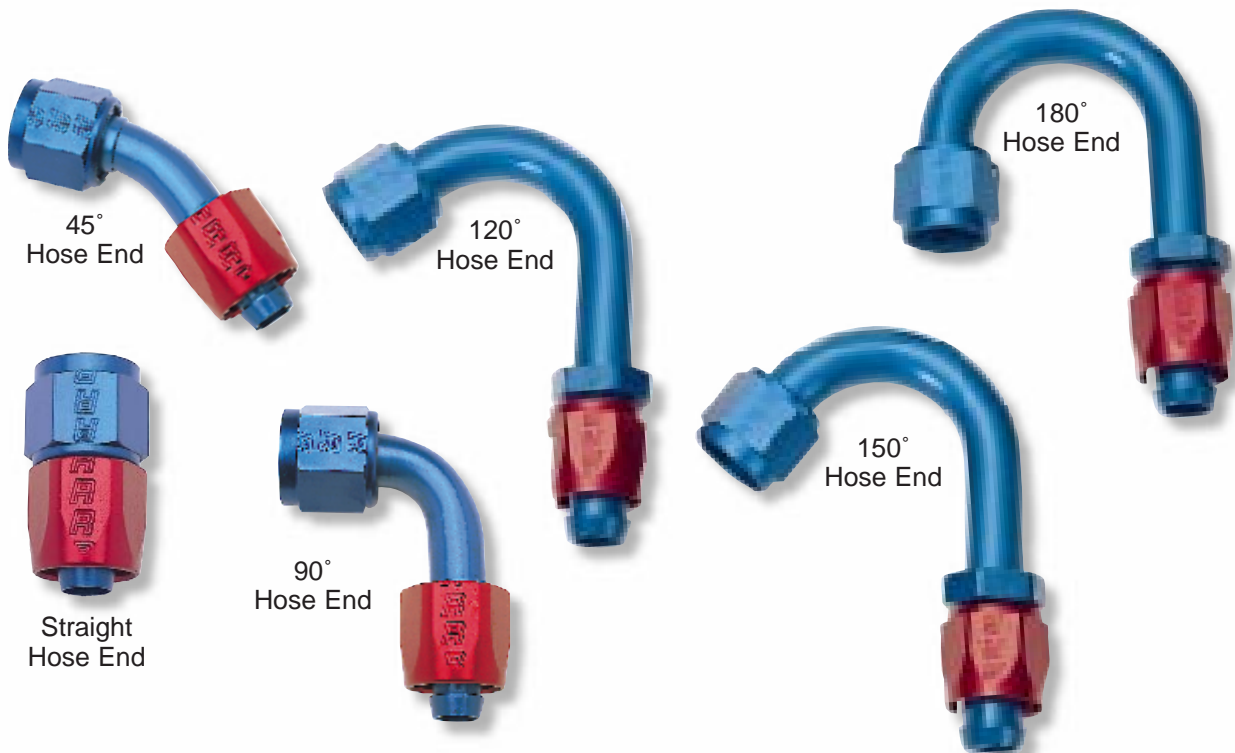
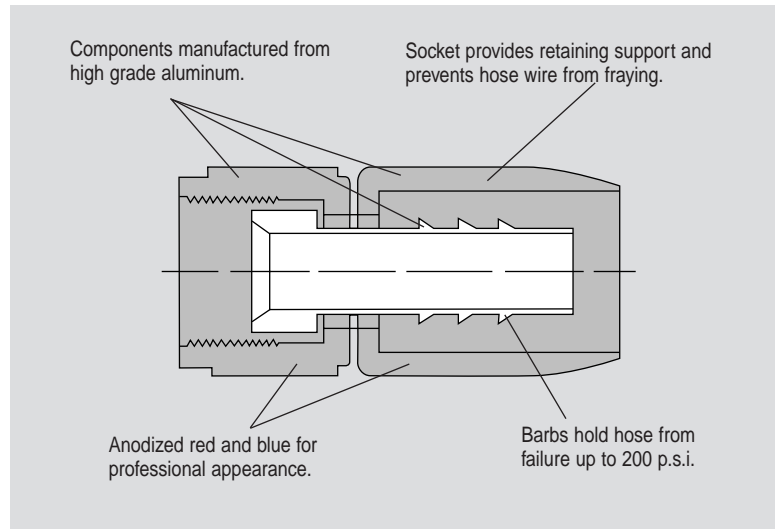
- Special ratcheting design for tightening fittings without over-torqueing
- Precision machined to fit Russell hose ends without damaging the anodized finish
- Satin hard anodize finish for extended durability
- Available individually or as a complete set

Part #	Description
5190	#6 Hose End Wrench
5191	#8 Hose End Wrench
5192	#10 Hose End Wrench
5193	#12 Hose End Wrench
5194	#16 Hose End Wrench
5195	Set of 5 Wrenches (#6 - 16)



Reusable Hose Ends Utilizing Barb Technology

- Constructed of lightweight aluminum
- 40% lighter than conventional hose ends
- Anodized red and blue
- Easy to assemble and disassemble
- Twist-Lok™ hose ends work with any Russell AN adapter and carburetor fittings (see pages 13-18, 44)
- Use only with Twist-Lok™ Hose (see page 6)

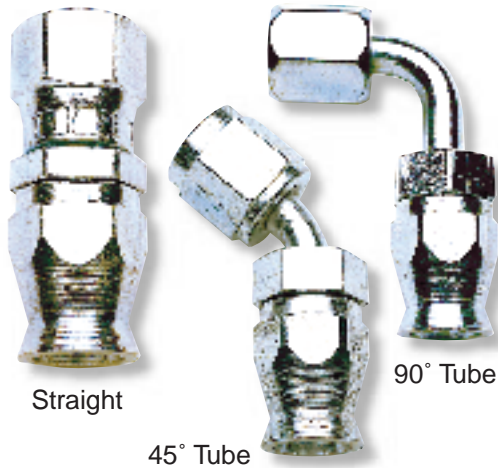


Size	Straight	45°	90°	120°	150°	180°
-4	2400	2407	2415	–	–	–
-6	2401	2408	2416	2426	2430	2434
-8	2402	2409	2417	2427	2431	2435
-10	2403	2410	2418	2428	2432	2436
-12	2404	2411	2419	2429	2433	2437



TECH TIP: Russell Twist-Lok™ Hose Ends are designed only for use with Russell Twist-Lok™ Hose and should not be utilized with any other manufacturer's hose. Twist-Lok™ is not for use with ProFlex™ and ProRace hose.

PowerFlex™ Power Steering Hose Ends



Use With PowerFlex™ Hose For Power Steering Applications

- Available in three AN sizes, #6, #8 and #10
- Suitable for high pressure power steering use
- Unique ultra brite Endura™ finish hose ends are corrosion resistant
- Choose from a wide variety of lightweight AN style adapter fittings (see pages 13 thru 18)

AN Size	Straight Part #	45° Tube Part #	90° Tube Part #
-6	20401	20411	20421
-8	20471	20481	20491
-10	20501	20511	20521



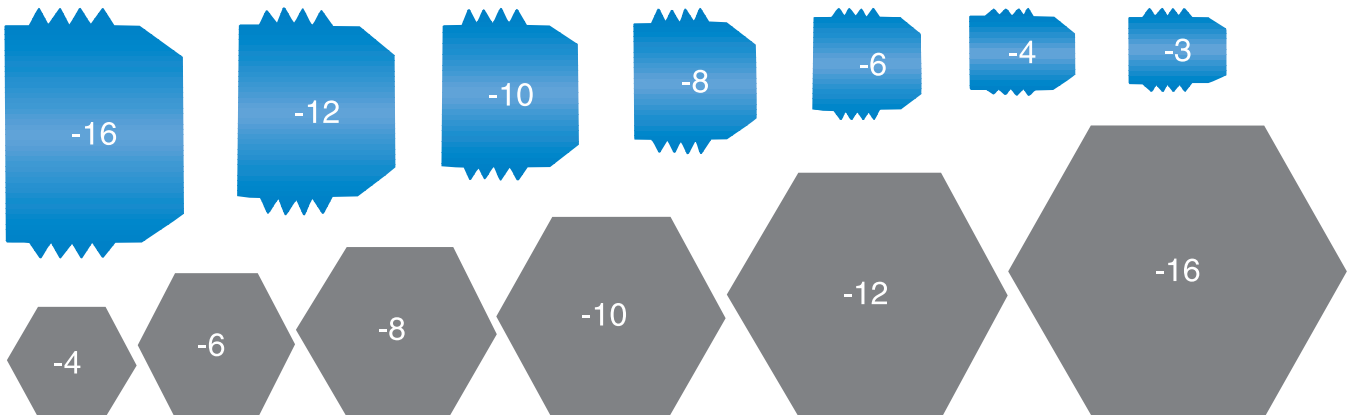
Power Steering Adapters

Russell Power Steering Adapters are designed to ensure the reliability required in a high pressure steering system. These adapters allow the use of #6 PowerFlex™ Hose and Hose Ends for a lightweight, trouble-free system.

Part #	Description
4033	#6 to 1/2" - 20 Inverted Flare
4038	#6 to 5/8" - 18 Inverted Flare
4805	#6 to 11/16" - 18 Inverted Flare
4806	#6 to 16mm x 1.5 O-ring Seal
4807	#6 to 14mm x 1.5 O-ring Seal

Male AN Adapter Identification Chart

The line drawings below depict actual sizes of the various common AN thread sizes by dash number. Lay your fitting over the appropriate drawing to determine what size fitting you may have.



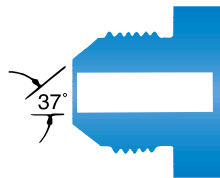
B-Nut Size Chart

The line drawings above depict actual sizes of the various common types of fittings.

Common Types Of Fittings

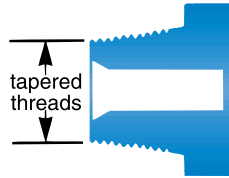
These drawings graphically illustrate the various types of fittings which are commonly found in automotive plumbing systems. The two most common types of fittings found in the Russell line are the AN 37° style and the fitting style with pipe threads on it. A few specialized Russell fittings utilize the inverted flare.

AN



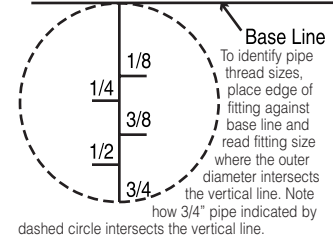
Sealing Style: 37°
Thread Type: SAE

Pipe



Sealing Style: Taper Thread
Thread Type: NPT

Pipe Thread Fittings

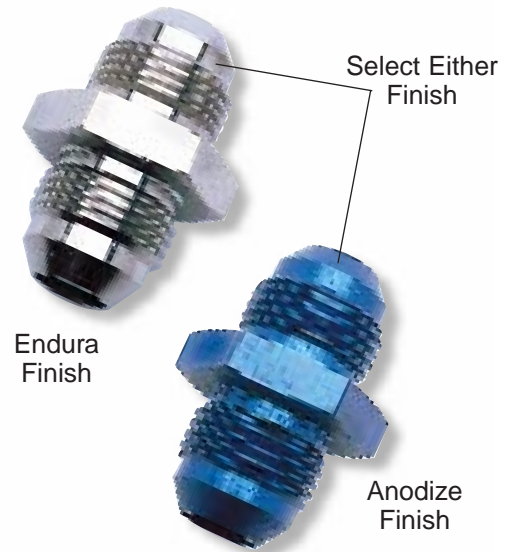


Reusable Adapter Fittings



Russell's wide variety of lightweight aluminum adapter fittings allow for the connection of Russell hose ends to almost any component. Adapters are offered in standard thread, metric thread and pipe thread to fit most popular oil pumps, fuel pumps, fuel filters plus a variety of other common components. To compliment the looks of the hose installation, two popular finishes are available – unique ultra-brite Endura or traditional blue anodize.

- Precision machined to ensure precise thread engagement
- Lightweight aluminum fittings are designed to match up with all Russell performance hose and hose ends
- 37° sealing angle guarantees a positive seal at maximum operating pressures for greater corrosion resistance, two finishes are available
- Choose between two corrosion resistant finishes:
 - Endura™ – a unique ultra-brite finish which simulates the appearance of stainless steel
 - Traditional blue anodize



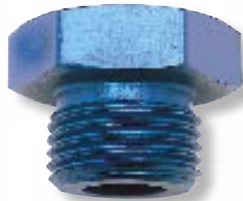
Flare Plug

Straight Thread Plug

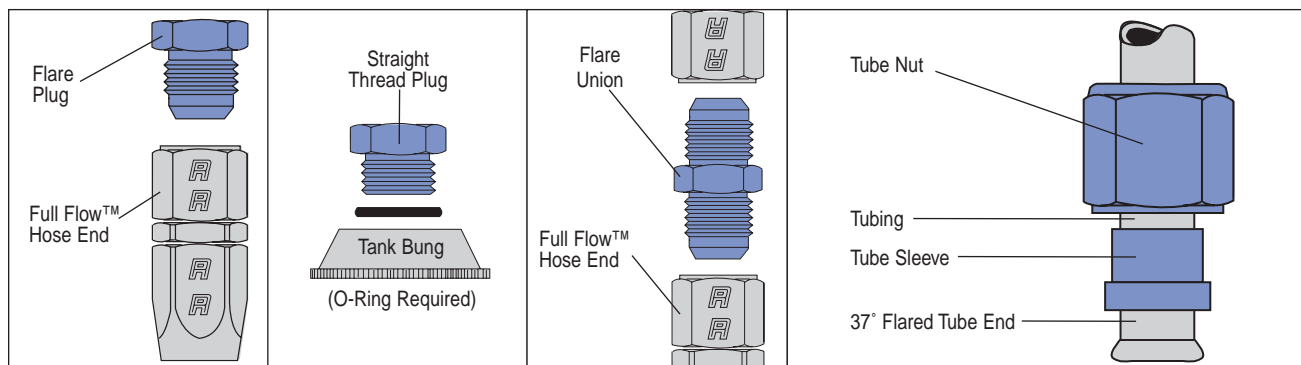
Flare Union

Tube Nut

Tube Sleeve



AN Size	Flare Plug		Straight Thread Plug		Flare Union		Tube Nut		Tube Size	Tube Sleeve	
	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #		Anodize Part #	Endura Part #
-3	6017	60171	6025	60251	6033	60331	6055	60551	3/16"	6063	60631
-4	6018	60181	6026	60261	6034	60341	6056	60561	1/4"	6064	60641
-6	6019	60191	6027	60271	6035	60351	6057	60571	3/8"	6065	60651
-8	6020	60201	6028	60281	6036	60361	6058	60581	1/2"	6066	60661
-10	6021	60211	6029	60291	6037	60371	6059	60591	5/8"	6067	60671
-12	6022	60221	6030	60301	6038	60381	6060	60601	3/4"	6068	60681
-16	6023	60231	6031	60311	6039	60391	6061	60611	1"	6069	60691



Adapter Fittings

Flare To
Pipe Straight



90° Flare
To Pipe



Flare
Tee



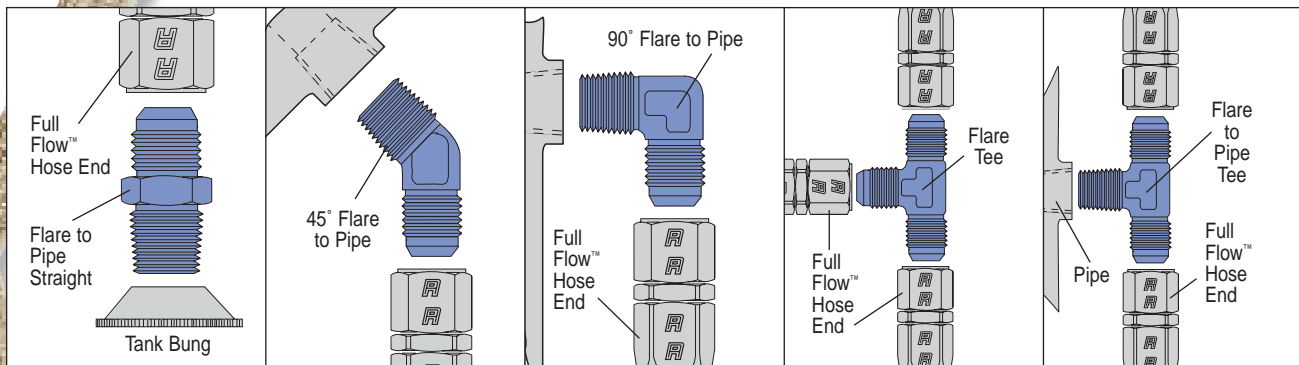
45° Flare
To Pipe



Flare To
Pipe Tee



AN Size	Pipe Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #
-3	1/8"	6041	60411	6093	60931	6079	60791	6099	60991	6106	61061
-4	1/8"	6042	60421	6094	60941	6080	60801	6100	61001	6107	61071
-4	1/4"	6043	60431	-	-	6081	60811	-	-	-	-
-6	1/4"	6044	60441	6095	60951	6082	60821	6102	61021	6108	61081
-6	1/8"	6045	60451	-	-	6083	60831	-	-	-	-
-6	3/8"	6046	60461	-	-	6084	60841	-	-	-	-
-8	1/4"	6047	60471	6096	60961	6085	60851	6103	61031	6109	61091
-8	3/8"	6048	60481	-	-	6086	60861	-	-	-	-
-8	1/2"	6049	60491	-	-	6087	60871	-	-	-	-
-10	1/2"	6050	60501	6097	60971	6088	60881	6104	-	-	-
-10	3/8"	7003	70031	-	-	-	-	-	-	-	-
-12	3/4"	6051	60511	6098	60981	6089	60891	6105	-	-	-
-12	1/2"	6052	60521	-	-	6090	60901	-	-	-	-
-16	1"	6053	60531	-	-	6091	60911	-	-	-	-
-16	3/4"	6054	60541	-	-	6092	60921	-	-	-	-

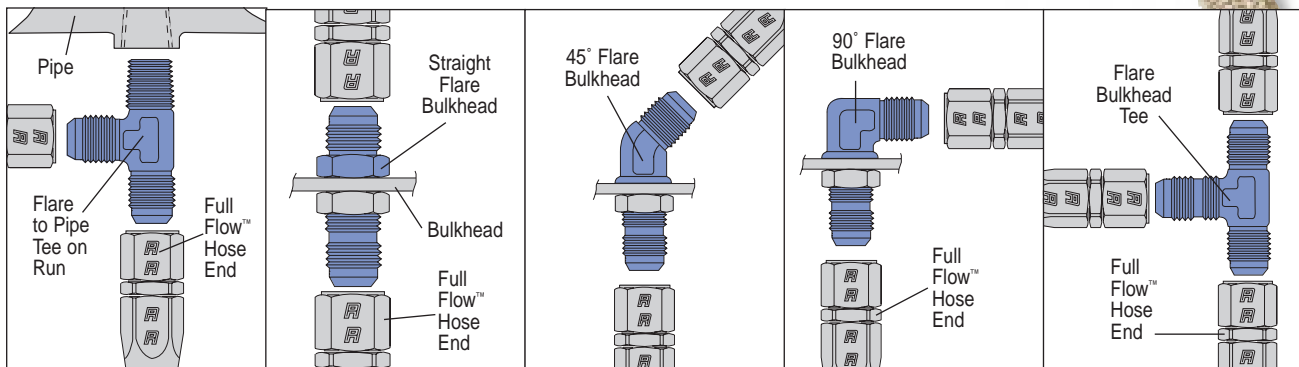




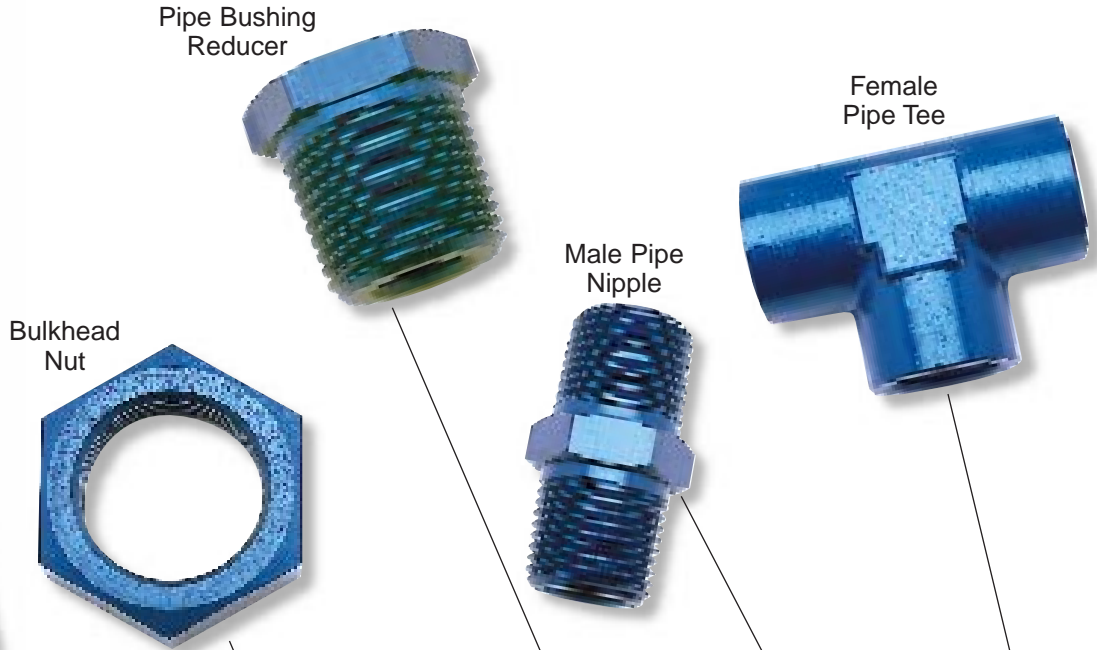
AN Size	Pipe Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #
-3	1/8"	6110	-	6116	61161	6137	-	6123	61231	6130	-
-4	1/8"	6111	-	6117	61171	6138	-	6124	61241	6131	-
-6	1/4"	6112	-	6118	61181	6139	-	6125	61251	6132	-
-8	3/8"	6113	-	6119	61191	6140	-	6126	61261	6133	-
-10	1/2"	6114	-	6120	61201	6141	-	6127	61271	6134	-
-12	3/4"	6115	-	6121	61211	6142	-	6128	61281	6135	-
-16		-	-	6122	61221	-	-	6129	61291	6136	-

TECH TIP:

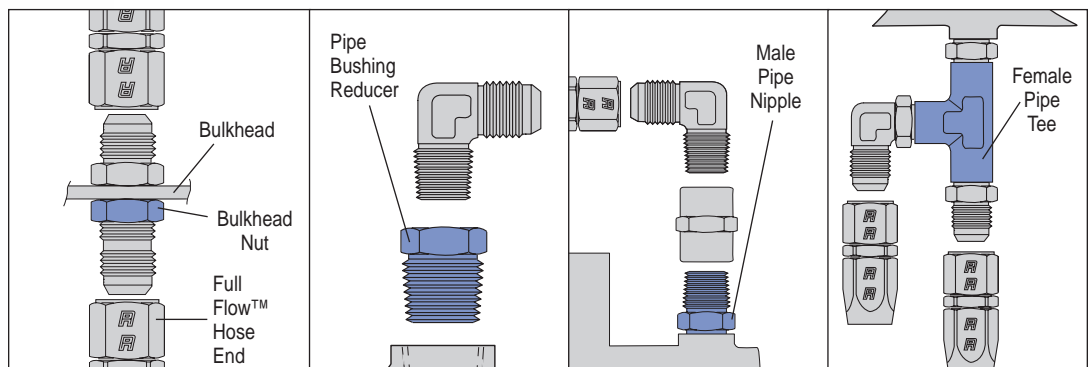
When installing pipe thread adapters, always use Russell's Anti-Seize Thread Sealant (page 10) on the pipe threads. This helps to ensure a good seal and prevents galling of the threads. However, never use Teflon® tape or sealant on the AN threads as it could cause the 37° angle not to seal.



Adapter Fittings



AN Size	Thread Size	Anodize Part #	Endura Part #	Pipe To Pipe Size	Anodize Part #	Endura Part #	Pipe Size	Anodize Part #	Endura Part #	Pipe Size	Anodize Part #	Endura Part #
-3	3/8-24	6187	61871	1/4" to 1/8"	6155	61551	1/8"	6150	61501	1/8"	6171	61711
-3	-	-	-	3/8" to 1/4"	6156	61561	-	-	-	-	-	-
-4	7/16-20	6188	61881	3/8" to 1/8"	6157	61571	1/4"	6151	61511	1/4"	6172	61721
-4	-	-	-	1/2" to 3/8"	6158	61581	-	-	-	-	-	-
-6	9/16-18	6189	61891	1/2" to 1/4"	6159	61591	3/8"	6152	61521	3/8"	6173	61731
-6	-	-	-	1/2" to 1/8"	6160	61601	-	-	-	-	-	-
-6	-	-	-	3/4" to 1/2"	6162	61621	-	-	-	-	-	-
-8	3/4-16	6190	61901	3/4" to 3/8"	6163	61631	1/2"	6153	61531	1/2"	6174	61741
-8	-	-	-	1" to 3/4"	6164	61641	-	-	-	-	-	-
-8	-	-	-	1" to 1/2"	6165	61651	-	-	-	-	-	-
-10	7/8-14	6191	61911	1" to 3/8"	6166	61661	-	-	-	-	-	-
-12	1 1/16-12	6192	61921	-	-	-	3/4"	6154	61541	-	-	-
-16	1 5/16-12	6193	61931	-	-	-	-	-	-	-	-	-





Female Pipe Coupler



Flare Reducer

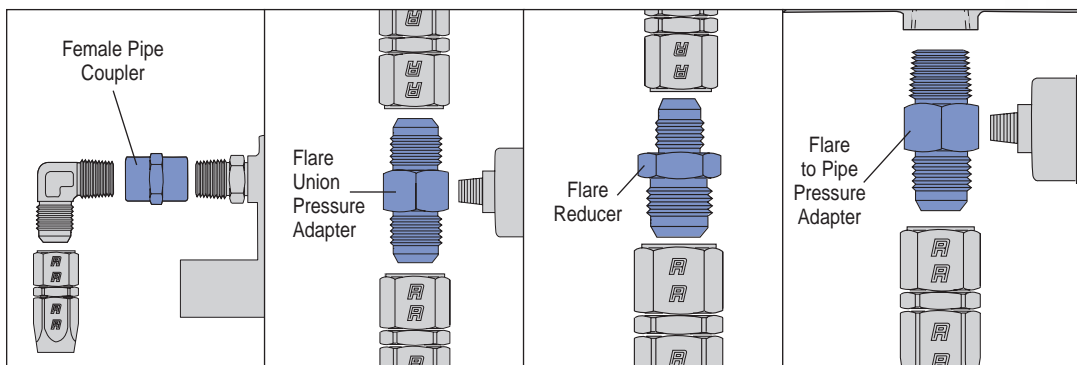


Flare Union Pressure Adapter

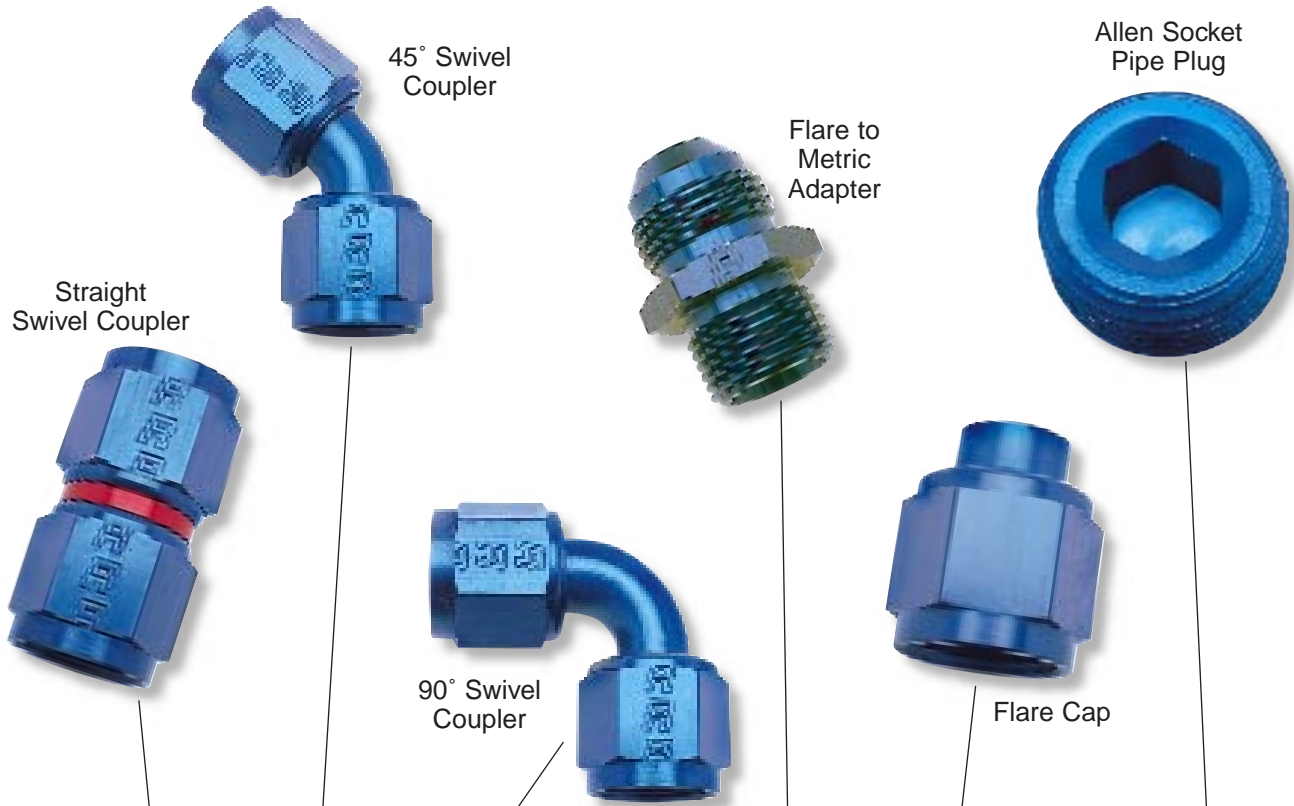


Flare to Pipe Pressure Adapter

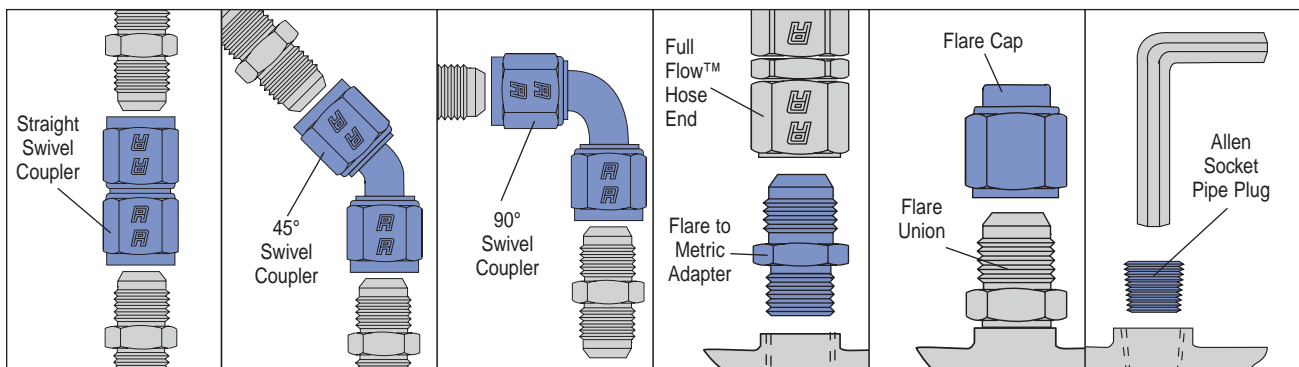
AN Size	Pipe Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Flare to Flare	Anodize Part #	Endura Part #	Pipe Size	Anodize Part #	Endura Part #
-3	1/8"	6144	61441	-	-	-3 to -4	6175	61751	-	-	-
-4	1/4"	6145	61451	-	-	-4 to -6	6176	61761	-	-	-
-6	3/8"	6146	61461	7000	70001	-6 to -8	6177	61771	3/8"	7006	70061
-6	-	-	-	-	-	-6 to -10	6178	61781	-	-	-
-6	-	-	-	-	-	-6 to -12	6180	61801	-	-	-
-8	1/2"	6147	61471	7001	70011	-8 to -10	6179	61791	3/8"	7008	70081
-8	-	-	-	-	-	-8 to -12	6181	61811	-	-	-
-10	-	-	-	-	-	-10 to -12	6182	61821	-	-	-
-12	3/4"	6148	61481	-	-	-12 to -16	6184	61841	-	-	-
-12	-	-	-	-	-	-12 to -20	6185	61851	-	-	-
-16	1"	6149	61491	-	-	-16 to -10	6183	61831	-	-	-
-16	-	-	-	-	-	-16 to -20	6186	61861	-	-	-



Adapter Fittings



AN Size	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Metric Thread	Anodize Part #	Endura Part #	Anodize Part #	Endura Part #	Pipe Size	Anodize Part #	Endura Part #
-4	-	-	-	-	-	-	10mm x 1.0	7050	70501	6195	61951	1/8"	6203	62031
-6	4000	40001	4004	40041	4016	40161	12mm x 1.5	7051	70511	6196	61961	1/4"	6204	62041
-6	-	-	-	-	-	-	14mm x 1.5	7052	70521	-	-	-	-	-
-6	-	-	-	-	-	-	16mm x 1.5	7053	70531	-	-	-	-	-
-6	-	-	-	-	-	-	18mm x 1.5	7054	70541	-	-	-	-	-
-8	4001	40011	4005	40051	4017	40171	16mm x 1.5	7055	70551	6197	61971	3/8"	6205	62051
-8	-	-	-	-	-	-	18mm x 1.5	7056	70561	-	-	-	-	-
-10	4002	40021	4006	40061	4018	40181	18mm x 1.5	7057	70571	6198	61981	1/2"	6206	62061
-12	4003	40031	4007	40071	4019	40191	-	-	-	6199	61991	3/4"	6207	62071
-16	-	-	-	-	-	-	-	-	-	6200	-	-	-	-





Speed Bleeder®

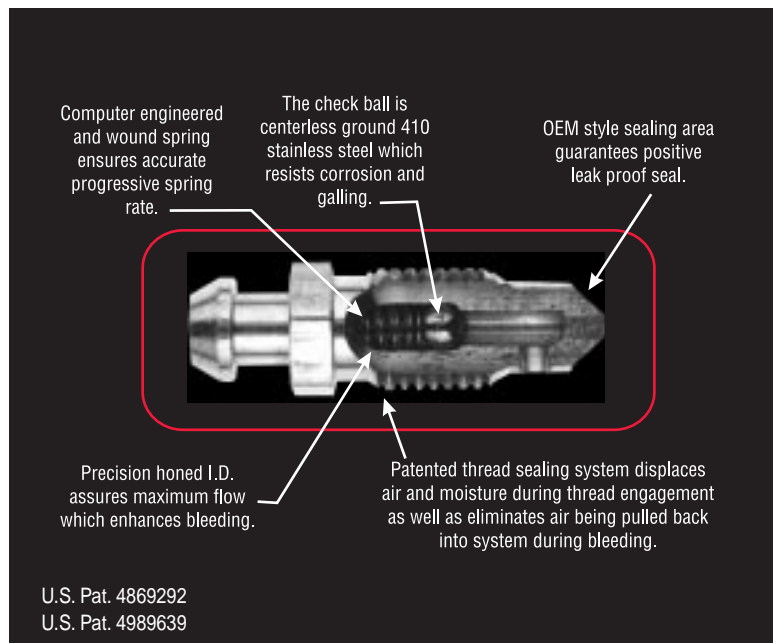


One Person System That Takes The Work Out Of Brake Bleeding

Bleeding your brake or clutch line has never been easier or simpler! Revolutionary double-patented Russell Speed Bleeder® replaces the original bleeder valve in your caliper/wheel cylinder with a spring-loaded one-way ball and check valve design. The uniqueness of the stainless steel check ball is that it opens to allow the old fluid and air out, then closes automatically between pumps preventing the old fluid and air from re-entering the line. It's a real time saver!

- Brake bleeding is *now* a one person task
- Sold two per package
- Available to fit virtually any hydraulic brake or clutch system
- Offered in metric and standard sizes
- A dust protection cap is standard with each bleeder screw
- Unique design is protected by a double-patent to ensure authenticity
- Uses OEM style sealing area to guarantee a positive leak-proof seal
- Permanently replaces original bleeder screw

Speed Bleeder Reference Chart		
Part #	Thread	Overall Length
3934	8mm x 1.0	37mm
3951	7/16 - 20	1.25"
3952	8mm x 1.25mm	24mm
3953	5/16 - 24	1"
3954	1/4 - 28	1"
3955	8mm x 1.0	34mm
3956	10mm x 1.0	35mm
3957	7mm x 1.0	34mm
3958	10mm x 1.5	30mm
3959	3/8 - 24	1"
3960	3/8 - 24 long	1.50"
3961	10mm x 1.25	33mm
3962	8mm x 1.25	39mm



Easy Installation

Position container to collect brake fluid. Remove your OEM bleeder screw and replace with the NEW Speed Bleeder Screw.

STEP ONE: Open Russell Speed Bleeder screw 1/4 to 1/2 turn. Attach hose to catch can to collect brake fluid.	STEP TWO: Pump brakes until air is purged from wheel cylinder. No need to close the screw between pumps as with a stock brake bleeder screw.	STEP THREE: Close valve. Repeat previous steps for other wheels, adding brake fluid to master cylinder as needed to maintain level.



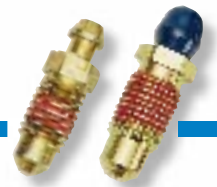
Speed Bleeder®

MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR
DOMESTIC						
BUICK	Regal	73-78	3959			3953
	Regal	79-97	3958			3952
	Century	78-97	3952			3958
CHEVROLET	LeSabre	86-97	3958			3952
	Beretta	87-96	3958			3952
	Caprice/Impala	69-76	3959			3953
	Caprice	77-96	3958			3952
	Impala	94-96	3958	3956		
	Cavalier	82-97	3958			3952
	Celebrity	82-90	3958			3952
	Chevelle/Malibu	65-72	3959		3953	3953
	Chevelle/Malibu	73-77	3959			3953
	Malibu	78-83	3958			3952
	Chevette	76-78	3952			3952
	Chevette	79-85	3958			3952
	Corsica	87-96	3958			3952
	Corvette (Drum)	56-65			3959	3959
	Corvette	65-82	3953	3953		
	Corvette	84-97	3956	3956		
	Lumina	90-94	3958	3958		
	Lumina	95-97	3958	3958		3952
	Lumina(w/4 Disc)	95-97	3958	3958		
	APV	90-97	3958			3952
Monte Carlo	70-77	3959			3953	
Monte Carlo	78-97	3958			3952	
Nova	64-68			3953	3953	
Nova	69-79	3959		3953	3953	
Nova	85-88	3957			3957	
Camaro	67-68	3953		3953	3953	
Camaro(Z28)	69-76	3958		3953	3953	
Camaro(Z28)	77-81	3959	3959		3953	
Camaro(Z28)	82-87	3958	3958		3952	
Camaro	88-96	3956	3956		3952	
CHEVROLET GMC	Astro/Safari(4WD)	85-97	3958			3952
	Blazer/Jimmy(Full)	71-73	3959			3959
	Blazer/Jimmy(Full)	74-78	3959			3953
	Blazer/Jimmy(Full)	79-97	3958			3952
	S Series Blazer/PU	82-96	3958			3952
	C10 Series Pickup	64-73	3959			3959
	C10 Series Pickup	74-77	3959			3953
	C10 Series Pickup	78-97	3958			3952
	20 Series Pickup	65-78	3959			3959
	20 Series Pickup	79-97	3958			3952
	30 Series PU/Suburban	71-78	3959			3959
	G10 Series/Vans	72-77	3959			3953
	G10 Series/Vans	78-97	3958			3952
	G20 Series/Vans	76-97	3958			3952
	G30 Series/Vans	71-78	3959			3959
	El Camino	65-69	3953		3959	3953
	El Camino	70-77	3959			3953
	El Camino	78-88	3958			3952
	C/K 1500,2500,3500	88-97	3958			3952
	Pickup	88-97	3958			3952
Suburban	88-97	3958			3952	
Tahoe(New Body)	88-97	3958			3952	
Venture	88-97	3958				
CHRYSLER	Cirrus	95-97	3959			3953

MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR
CHRYSLER (Contd)	Concord	93-97	3959			3953
	Cordoba	75-81	3959			3953
	E Class	83-84	3959			3953
	Executive Sedan	83-93	3959			3953
	Fifth Avenue	65-93	3959			3953
	Laser	78-95	3959			3953
	LeBaron	94-97	3959			3953
	LHS	95-97	3959	3959		
	Sebring	95-97	3956	3956		3956
	Maserati	89-91	3959	3959		
DODGE	Town & Country Van	92-96	3959			3953
	2000 GTX	89-92	3956	3956		3957
	600	83-88	3959	3953		
	Aspen	76-80	3959			3953
	Avenger	95-96	3956	3956		3956
	Challenger	70-74	3959			3953
	Challenger	74-83	3956			3957
	Charger	66-69	3953			3953
	Charger	70-77	3959			3953
	Charger	78-90	3959			3953
	Colt GTS	71-84	3956			3956
	Colt GTS	85-90	3957			3956
	Colt LC	91	3957			3957
	Colt LA	91	3957			3956
	Colt	92-97	3957	3957		3957
	Super Bee	65-69	3953			3953
	Super Bee	79-76	3959			3953
	Dart	70	3959			3953
	Demon	70	3959			3953
	Swinger	70	3959			3953
Daytona	84-94	3959			*3959/3953	
Shelby Z	84-94	3959			*3959/3953	
Turbo Z	84-94	3959			3953	
Diplomat	77-89	3959			3953	
Mirada	77-89	3959			3953	
Dynasty	88-93	3959			3953	
Intrepid	93-97	3959	3959		3953	
Lancer	85-89	3959			3953	
Magnum XE	78-79	3959			3953	
Monaco	63-69	3959		3953	3953	
Polara	63-69	3959		3953	3953	
Royal Monaco	63-69	3959		3953	3953	
St. Regis	70-84	3959			3953	
St. Regis	90	3956	3956		3953	
St. Regis	91-92	3959	3956		3959	
Neon	95-97	3959	3959		3953	
Omni	78-90	3959			3953	
024	78-90	3959			3953	
Shadow	87-94	3959			3953	
Stealth(FWD)	92-96	3956	3956			
Stealth(AWD)	92-96	3956	3956			
Stealth(4WD)	91	3956	3956			
Stratus	95-97	3959	3959		3953	
Viper	92-97	3956	3956			
RAM Trucks(1500)	94-97	3958			3952	
RAM Trucks(2500)	94-97	3958			3952	
RAM Trucks(3500)	94-97	3958			3952	
Van(1 Ton)	73-97	3959			3959	



Speed Bleeder®



MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR	
DODGE (Contd)	Van(1/2 Ton)	70-97	3959			3953	
	Van(3/4 Ton)	71-97	3959			3953	
	Caravan	84-97	3959			3953	
	Mini RAM	84-97	3959			3953	
	Royal Monaco	84-97	3959			3953	
	Grand Caravan	84-97	3959			3953	
	1/2 Ton Pickup	61-65			3959		
	1/2 Ton Pickup	65-93	3959			3953	
	3/4 Ton Pickup	65-71	3959			3959	
	3/4 Ton Pickup	72	3959			3953	
	3/4 Ton Pickup	73-93	3959			3959	
	1 Ton Pickup	69-93	3959			3959	
	D50 RAM Pickup	79-94	3956			3957	
	Dakota	86-97	3959			3953	
	EAGLE	Eagle	87-88	3959			3959
		Premier	88-90	3956	3956		
		Summit	93-96	3957			3956
	Talon	90-94	3956	3956			
	Vision	93-94	3959	3959		3953	
FIAT	All Makes		3952	3952		3952	
FORD	Aspire	94-97	3934			3934	
	Contour	95-97	3956	3956		3952	
	Escort	81-90	3959			3959	
	Escort	91-92	3934	3934		3934	
	Escort	93-97	3934			3934	
	EXP	82-89	3959			3959	
	Fiesta	77-80	3956			3956	
	LTD	65-97	3959			3959	
	Crown Victoria	65-97	3959			3959	
	Galaxie	65-69	3959			3959	
	Maverick	70-75	3959		3954	3954	
	Maverick	76-77	3959			3959	
	Mustang(8Cyl)	65-67	3954		3954	3954	
	Mustang(8Cyl)	68-71	3959		3954	3954	
	Mustang(6Cyl)	65-70			3954	3954	
	Mustang(6Cyl)	71	3959		3954	3954	
	Mustang	72-73	3959			3959	
	Mustang	74-77	3959			3954	
	Mustang	78-80	3959			3954	
	Mustang	81-93	3959	3959		3954	
	Mustang	94-97	3959	3956			
	Mustang Cobra	94-97	3956	3956			
	Pinto	71-80	3959			3954	
	Probe	89-97	3957	3957		3934	
	Taurus	ALL	3956	3956		3956	
	Tempo	84-94	3959			3959	
	Thunderbird	65-79	3959			3959	
	Thunderbird	80-82	3959			3959	
	Thunderbird	87-88	3959	3956		3959	
	Thunderbird	89-91	3956	3956		3956	
	Aerostar	86-89	3959			3953	
	Aerostar	93-96	3959			3959	
Bronco(FullSize)	67-79	3959		3959	3959		
Bronco(FullSize)	80-96	3951			3959		
Bronco II	84-90	3951			3959		
Courier	77-82	3957					
1/2 Ton Van	64-79	3959		3959	3959		
1/2 Ton Van	80-97	3951			3959		

MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR	
FORD	3/4 Ton Van	69-97	3959			3959	
	(Cont'd)	1 Ton Van	69-97	3959		3959	
	Explorer	91-97	3959			3959	
	F100/F150 PU	69-72			3959	3954	
	F100/F150 2WD	68-72			3959	3954	
	F100/F150 4WD	72			3953	3959	
	F100/F150 4WD	68-71			3959	3954	
	F100/F150 PU	73-75	3959		3953	*3959/3954	
	F100 Pickup LT	80-83	3959			3954	
	F150 Pickup	80-97	3951			3959	
	F150	80-97†	3951			3959	
	3/4 Ton Pickup	ALL	3960		3959	3959	
	1 Ton Pickup	57-97	3960		3959	3954	
	Ranger	83-89	3951			*3954/3959	
	Ranger	90-96	3959			*3954/3959	
	Windstar	95-97	3956	3959		3959	
	F250 3/4	67-94	3960			3959	
	F250 3/4	95-97	3959			3959	
	F350 1 Ton	68-94	3960			3959	
	F350 1 Ton	95-97	3959			3959	
GEO	Metro	89-97	3956			3952	
	Metro Turbo	89-94	3956			3952	
	Prizm	89-97	3957	3957		3957	
	Tracker	89-97	3956			3956	
	JEEP	Cherokee 2,4WD	77-97	3959	3959		3953
		Grand Cherokee	84-97	3959	3959		3953
		CJ, Wrangler	67-71			3954	3954
CJ, Wrangler		72-75			3959	3959	
CJ, Wrangler		76-78	3959		3959	3954	
CJ, Wrangler		81-89	3959			3959	
CJ, Wrangler		90-95	3959			3953	
CJ, Wrangler		96-97	3959			*3954/3959	
J10		65-73			3959	3959	
J10		74-90	3959			3959 3953	
J20	65-73			3959	3959		
J20	74-90	3959			3953		
LINCOLN	Town Car	65-90	3959	3959		3959	
	Town Car	91-94	3959	3956			
	Town Car	95-97	3959	3959			
	Lincoln	65-90	3959	3959		3959	
	Continental	65-87	3959	3959		3959	
	Continental	88-95	3956	3959			
	Continental	95-97	3956	3959			
	Versailles	77-80	3959	3959			
	Mark III-VIII	68-89	3959	3959		3959	
	Mark III-VIII	93-97	3956	3959			
MERCURY	Mark III-VIII	90-92	3959	3956			
	Capri	71-77	3956				
	Capri	78-79	3959			3953	
	Capri	80-88	3959			3954	
	Cougar	67-73	3959		3954	3954	
	Cougar	74-88	3959			3959	
	Cougar	89-91	3956	3956		3954	
	Cougar	92-97	3959	3956		3956	
	Marquis	65-97	3959	3959		3959	
	Mountaineer	96-97	3959	3959		3959	
Mystique	95-97	3956	3956		3952		
Sable	86-97	3956	3956		3956		

† Except 80-85 w/single piston



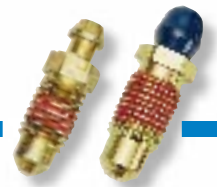
Speed Bleeder®

MAKE	MODEL	DISC YEAR	DISC FRONT	DRUM REAR	DRUM FRONT	DRUM REAR
MERKUR	Scorpio	88-90	3956	3956		
	XR4TI	85-89	3956			
OLDSMOBILE	Olds 98	65-69	3959		3959	3959
	Olds 98	70	3959		3959	3953
	Olds	71-78	3959			3953
	Olds	79-97	3958			3952
	Acheiva	92-96	3958			3952
	Aurora	95-97	3958	3958		
	Bravada	91-97	3958			3952
	Calais	85-91	3958			3952
	Ciera	82-96	3958			3952
	Cutlass	68-77	3959		3953	3953
	Cutlass	78-97	3958	3958		3952
PLYMOUTH	Delta 88	71-78	3959			3953
	Delta	79-97	3958			3952
	Silhouette	90-97	3958			3952
	Acclaim	89-95	3959			3953
	Barracuda	67-68			3954	3953
	Barracuda	69-74	3959		3953	3953
	Belvedere	62-69			3953	3953
	Belvedere	70-75	3959		3953	3953
	Road Runner	68-69			3953	3953
	Road Runner	70-75	3959			3953
	Breeze	96-97	3959	3959		3953
PONTIAC	Colt/Colt Turbo	83-88	3956			3956
	Colt	89-91	3957			3957
	Colt	92-94	3957	3957		3957
	Horizon	78-90	3959			3953
	Turismo	78-90	3959			3953
	Laser	91-94	3956	3956		
	Reliant	81-89	3959			3953
	Valiant	65-68	3959		3953	3953
	Valiant	69-76	3959			3953
	Duster	69-76	3959		3953	3953
	Scamp	69-76	3959		3953	3953
PONTIAC	Scamp	82-83	3959			3953
	Voyager	84-97	3959			3953
	Grand Voyager	84-97	3959			3953
	6000	82-91	3958	3958		3952
	Bonneville	69-78	3959			3953
	Bonneville	79-97	3958			3952
	Catalina	69-78	3959			3953
	Catalina	79-97	3958			3952
	Safari Wagon	69-78	3959			3953
	Safari Wagon	79-97	3958			3952
	Fiero	84-88	3958	3958		
PONTIAC	Firebird/TransAm	67-70	3959		3953	3953
	Firebird/TransAm	71-78	3959			3953
	Firebird/TransAm	79-87	3958	3958		3952
	Firebird/TA w/HD	88-93	3956			
	Firebird/TransAm	93-96	3958	3958		3952
	GrandAm	85-97	3958			3952
	GrandPrix	69-77	3959			3953
	GrandPrix	78-97	3958	3958		3952
	LeMans	64-68			3953	3953
	LeMans	69-77	3959			3953
	LeMans	78-81	3958			3952
Tempest	64-68			3953	3953	

MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR	
PONTIAC (Cont'd)	Tempest	69-77	3959		3953	3953	
	Tempest	78-81	3958			3952	
	GTO	64-68			3953	3953	
	GTO	69-77	3959			3953	
	GTO	79-81	3958			3952	
	Phoenix	78-79	3959			*3952/3953	
	Phoenix	80-84	3958			3952	
	Sunbird	76-80	3959			3959	
	Sunbird	82-94	3958			3952	
	Sunfire	95-97	3958			3952	
	Transport	90-97	3958			3952	
IMPORT							
ACURA	NSX	91-97	3961	3961			
	SLX	96-97	3957	3957			
	Integra	90-93	3961	3961			
	Integra	94-97	3961	3962			
BMW	Legend(All)	90-95	3961	3961			
	ALL	75-98	3957	3957			
	HONDA	Passport	94-97	3957	3957		
		Accord	76-85	3956			
		Accord(2,3,4DrDX)	88-89	3956			
		Accord(2,3,4DrLXI)	88-89	3961			
		Accord Coupe	90-92	3961			3961
		Accord 4Dr(w/Akebono Brk)	90-96	3956	3961		3952
		Accord 4Dr(w/Nissan Brk)	90-96	3961	3961		3952
		Accord Wagon	91-96	3952	3961		3952
		Accord Coupe/Sedan 2Dr	93	3956	3961		3952
Accord 4Dr V6		95-96	3961	3961		3952	
Civic 1200 Sedan		77-79	3956			3952	
HONDA	Civic CVCC,1300,1500	80-87	3956				
	Civic CVCC 4Dr Sedan	81-82	3956				
	Civic 3Dr&4Dr (DX,LX)	88-93	3956				
	Civic Coupe EX (w/o ABS)	93-95	3961				
	Civic Coupe DX,HX,EX (4Dr DX,LX w/Manual Trans)	96	3956				
	DelSol S,SI w/o ABS	93-95	3956	3961			
	DelSol V-Tec & SI w/ABS	94-96	3961	3961			
	DelSol S,SI w/o ABS	96	3956	3961			
	Prelude	79-82	3956			3952	
	Prelude	83-91	3961	3961		3952	
	Prelude w/ or w/o Fuel Inj.	88-91	3961	3961			
INFINITI	Prelude	92-96	3952	3961			
	J30	93-97	3956	3956			
	M30 Coupe	90-92	3956	3956			
	Q45	90-97	3956	3956			
ISUZU	Amigo	89-96	3957	3957			
	Hombre	96-97	3958			3952	
	IMark	81-84	3956			3956	
	IMark	85-89	3957				
	Impulse	83-89	3957	3957			
	Pickup	81-83	3957			3956	
	Pickup	84-95	3957			3957	
	Rodeo	91-97	3957	3957			
	Trooper II	86-97	3957	3957			
	Oasis	96	3961	3961			
	Pickup 2,4WD	88-95	3957	3957			
MAZDA	323	86-89	3957				



Speed Bleeder®



MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR
MAZDA (Contd)	323	90-94	3955	3957		3957
	626	83-97	3957	3957		3957
	MX6	83-97	3957	3957		3957
	929	88-91	3955	3957		
	929	92-97	3957	3957		
	Miata	90-97	3955	3957		
	Millenia	95-97	3957	3957		
	MX8	95-97	3957	3957		
	MX3	92-96	3955	3957		
	Protégé	90-96	3955	3957		3955
	RX7 (HD Susp)	86-88	3955	3957		
	RX7	78-91	3957	3957		3957
	RX7	92-97	3955	3957		
	RX7 Turbo	89-91	3955	3957		
	MPV	92-96	3955			3934
	Pickup 2,4WD	77-96	3957			3957
	B2300 Pickup	95-96	3959			3954
	B4000	95-96	3959			3954
	B3000	95-96	3959			3954
	MITSUBISHI	3000GT 2WD	91-97	3956	3956	
Diamante		92-97	3956	3956		
Eclipse		89-94	3956	3956		
EclipseGS,RS,GSX		95-97	3957	3957		
Galant		89-93	3956	3956		
Montero/Montero Sport		84-96	3956	3957		
Pickup/Van		87-97	3956			3956
NISSAN	200SX	83-88	3956			3956
	200SX	88-97	3956	3956		
	200SX (6Cyl)	80-86	3956	3956		
	240SX	89-97	3956	3956		
	Z-Car	69-78	3956			3957
	Z-Car	79-96	3956	3956		
	Altima	93-97	3956	3956		
	Maxima	84-97	3956	3956		3956
	Sentra	83-97	3956	3956		3956
	Stanza	87-92	3956	3956		3956
	Pathfinder	86-97	3956	3956		
	Quest	93-97	3959			
	Pickup 2WD	77-96	3956			
Pickup 4WD	77-96	3956				
PORSCHE	911	69-Early75	3957	3957		
	911	Late 75-89	3952			
	911 Carrera 2,4	89-94	3956	3956		
	911 Turbo	91-94	3956	3956		
	944S,944	89	3956	3957		
	944 Turbo S2	86-91	3956	3956		
	928	87-Present	3956	3956		
	914-4	70-76	3957	3957		
	924(4Bolt)	76-82	3957			
	928	82-1/86	3957			
	928	2/86-94	3956			
	924(5Bolt)	79-82		3957		
	SAAB	9000	88-89	3956	3956	
9000		90-96	3957	3957		
SATURN	ALL	91-97	3956	3956		3957
STERLING	ALL	87-91	3956	3956		
SUBARU	Impreza	93-96	3956	3956		3956
	Justy	89-94	3956			3956

MAKE	MODEL	YEAR	DISC FRONT	DISC REAR	DRUM FRONT	DRUM REAR
SUBARU (Contd)	Legacy	90-96	3956	3956		
	Outback	96	3956	3956		
	SVX	92-96	3956	3956		
SUZUKI	Samurai	86-95	3956			
	Swift	89-95	3956	3956		
	Sidekick	89-96	3956			
TOYOTA	Avalon	95-97	3957	3957		
	Camry	83-97	3957	3957		
	Celica	82-97	3957	3957		3957
	Supra	82-97	3957	3957		3957
	Corolla	79-97	3957	3957		3957
	MR2	84-94	3957	3957		
	Paseo	92-95	3957			3957
	Tercel	79-97	3957			3957
	4Runner	84-97	3956			3957
	Landcruiser	74-97	3956	3956		3956
	Previa	91-97	3956	3956		
	T100 (2WD)	93-96	3957			3956
	T100 (4WD)	93-96	3956			3956
	T100 (1Ton)	93-97	3956			3956
	Pickup (2WD)	83-88	3957			3956
	Pickup (4WD)	83-88	3956			*3957/3956
	Pickup (2WD)	89-97	3957			3956
Pickup (4WD)	89-97	3956			3956	
Tacoma (2WD)	95-96	3957				
Tacoma (4WD)	95-96	3956				
VOLKS	Cabriolet	85-96	3957			3957
	Corrado	89-95	3957			3957
	GTI	85-96	3957	3957		
	Golf	85-96	3957	3957		3957
	Golf VR6	96	3956	3956		
	Jetta	81-84	3957			3957
	Jetta	85-87	3957	3957		3957
	Jetta	89-95	3957	3957		3957
	Passat VR6	95-96	3956	3956		
	Passat	90-97	3957	3957		
	Rabbit	75-84	3957			3957
	Scirocco	75-84	3957			3957
	Scirocco	85-90	3957	3957		3957
Beetle	ALL	3957			3957	
Karmann Ghia	ALL	3957			3957	
Vans	73-89	3957			3952	
Vans	92-95	3956				
WILWOOD BRAKES	ALL	ALL	3954	3954		

Countertop Merchandiser

Speed Bleeder® Merchandiser

For Dealers To Showcase The New Speed Bleeder®

For increasing product visibility, the Speed Bleeder® Merchandiser easily fits on a countertop. It's an excellent way for customers to view the product while being educated on the benefits of this unique one person brake bleeding system. The Speed Bleeder® Merchandiser contains twenty packages.



What Is A Speed Bleeder®

The Russell Speed Bleeder® takes the work out of brake bleeding, making it a one person task of purging old fluid and air from newly replaced brake lines. Here's how it works: Remove the original bleeder screw from the brake caliper and replace it with a Russell Speed Bleeder®. Open the Speed Bleeder® 1/4 to 1/2 turn and pump the brake pedal continuously. The patented check ball design allows the old fluid and air to be pushed out, but closes between pumps, preventing fluid or air from getting back into the system. Once solid fluid begins to flow from the screw, tighten the Speed Bleeder® and you are done! Simple! Easy! A real time saver when changing calipers/drums or brake lines.

Part #	Description	Qty.
3900	Speed Bleeder® Merchandiser	1

CONTENTS OF MERCHANDISER			
Qty.	Part #	Thread	Overall Length
1	3951	7/16 - 20	1.25"
4	3952	8mm x 1.25	24mm
3	3953	5/16 - 24	1"
2	3954	1/4 - 28	.94"
1	3955	8mm x 1.0	34mm
2	3956	10mm x 1.0	35mm
1	3957	7mm x 1.0	34mm
2	3958	10mm x 1.5	30mm
4	3959	3/8 - 24	1.5"



Street Legal™ Brake Line Kits



Preassembled, Direct Bolt-On

For the ultimate in braking performance, nothing beats Russell's pre-assembled, direct bolt-on Street Legal™ Brake Line Kits. These brake lines meet the strict guidelines of the D.O.T. MVSS-106 requirements for street driven vehicles and are legal in all 50 states.

Street Legal™ Brake Line Kits feature stainless steel braided hose with zinc plated fittings, factory assembled for installation convenience. Replacement of original equipment rubber lines with Street Legal™ brake lines increases braking performance and reduces brake pedal travel due to the elimination of hose expansion common to factory rubber lines.

3 and 4 line kits are available for a wide range of performance vehicles: domestic, import, sport utilities and trucks. Each kit comes with all necessary hardware and fittings.



DOMESTIC VEHICLES				
Part #	Make	Model	Year	# Lines/Kit
9207	Chevrolet	Camaro	67-68	3
9208		Camaro (except 1969 Z-28)	69-76	3
9209		Camaro Z-28	69	3
9203		Camaro	77-81	3
9204		Camaro	82-83	3
9205		Camaro	84-92	3
9206		Camaro (Rear Discs)	93-97	4
9207		Chevelle	68	3
9208		Chevelle	69-72	3
9200		Corvette	63-82	4
9201		Corvette	84-87	4
9202		Corvette (except ZR-1)	88-92	4
9218		Corvette	94-96	4
9219		Corvette	97-98	4
9213		Impala SS	94-96	4
9208		Monte Carlo	70-72	3
9210		Monte Carlo	79-88	3
9209		Nova	69	3
9208		Nova	70-72	3
9400	Dodge	Challenger	68-69	3
9405		Challenger	70-72	3
9400		Charger	68-69	3
9405		Charger	70-72	3
9410		Dart	70-72	3
9430		Neon	94-96	3
9415		Stealth 2WD	91-95	3
9420	Eagle	Talon 2WD	90-94	4
9425		Talon 2WD	95	4
9314	Ford	Escort GT	91-95	3
9305		Mustang	65-66	3
9315		Mustang (Fronts Only)	68-70	2
9316		Mustang (Fronts Only)	71-73	2
9309		Mustang	74-78	3
9300		Mustang	79-86	3
9301		Mustang	87-93	3

DOMESTIC VEHICLES (Cont'd)				
Part #	Make	Model	Year	# Lines/Kit
9303	Ford	Mustang Cobra (Fronts & Rear Center Hose)	94-95	3
9317		Mustang Cobra (Fronts Only)	96-98	2
9302		Mustang GT (Fronts & Rear Center Hose)	94-95	3
9318		Mustang GT (Fronts Only)	96-98	2
9312		Probe GT	88-92	3
9313		Probe GT	93-96	3
9311		Taurus SHO	89-94	3
9310		Torino	68-69	3
9306	Mercury	Cougar	67	3
9400	Plymouth	Barracuda	68-69	3
9405		Barracuda	70-72	3
9410		Duster	70-72	3
9420		Lazer 2WD	90-94	3
9425		Lazer 2WD	95	3
9400		Road Runner	68-69	3
9405		Road Runner	70-72	3
9211	Pontiac	Fiero	84-88	4
9207		Firebird	67-68	3
9208		Firebird	69-76	3
9203		Firebird	77-81	3
9204		Firebird	82-83	3
9205		Firebird	84-92	3
9206		Firebird (Rear Discs)	92-97	4
9210		Grand Am	79-81	3
9210		Grand Prix	79-87	3
9207		GTO	68	3
9208		GTO	69-72	3



TECH TIP:

When replacing your stock rubber brake lines, be sure to include Russell's Speed Bleeders®, see pages 19-23. This one person brake bleeding system really simplifies any brake line application.

IMPORT PERFORMANCE VEHICLES

Part #	Make	Model	Year	# Lines/Kit
8480	Acura	Integra	90-93	4
8485		Integra	94-98	4
8486		Integra Type R	97-98	4
8487		Legend (All Models)	91-95	4
8488		NSX (All Models)	91-96	4
8405	BMW	318i	83-95	4
8400		320i	77-83	4
8405		325i	84-95	4
8410		2002	69-76	4
8410		528	79-81	4
8410		530i	75-79	4
8410		533i	83-88	4
8410		633Csi	77-82	4
8410		733i	78-83	4
8410		735	78-83	4
8465	Honda	Accord	92-97	4
8450		Civic	88-91	4
8460		Civic	92-95	4
8455		Civic EX	90-91	4
8450		Civic CRX	88-91	4
8455		Civic CRX Si	90-91	4
8461		Civic CX, DX, HX (with small front rotor)	96-98	4
8462		Civic LX, EX (with large front rotor)	96-98	4
8445		Prelude	92-96	4
8464		Prelude Base Model	97-98	4
8466		Prelude SH Model	97-98	4
8475	Infiniti	G20	91-94	4
8470		Q45	90-96	4
8550	Mazda	Miata	90-97	4
8555		RX-7 Rear Disc	81-85	4
8560		RX-7	86-92	4
8565		RX-7	93-95	4
8600	Mitsubishi	3000 GT 2WD	91-98	4
8605		Eclipse 2WD	90-94	4
8610		Eclipse 2WD	95-98	4
8685	Nissan	240SX	89-94	4
8690		240SX	95-98	4
8655		240Z	70-73	4
8655		260Z	74	4
8655		280Z	75-78	4
8660		280ZX	79-83	4
8665		300ZX	84-89	4
8670		300ZX	90-96	4
8650		510	68-73	4
8700		Maxima	95-96	4
8695		Maxima	89-94	4
8675		Sentra	91-94	4
8680		Sentra	95-98	4
8750	Porsche	356A	55-59	4
8755		356B/C	60-65	4
8760		911/912	65-68	4

IMPORT PERFORMANCE VEHICLES (Cont'd)

Part #	Make	Model	Year	# Lines/Kit
8765	Porsche	911/912	69-83	4
8765		914	70-76	4
8770		924	76-83	4
8775		924S/Turbo	80-88	4
8780		928	78-89	4
8785		944	83-86	4
8790		944 Turbo	86	4
8795		944	87-89	4
8795		944S	87-89	4
8795		944 Turbo	87-89	4
8810	Toyota	Celica	71-81	4
8830		Celica 2.2 Liter	93-96	4
8831		Celica 1.8 Liter	93-98	4
8825		Corolla GTS	85-91	4
8800		MR2	85-91	4
8805		MR2	92-95	4
8810		Supra	79-81	4
8815		Supra	86-92	4
8820		Supra	93-97	4
8855	Volkswagen	Cabriolet	85-93	4
8870		Corrado	90-95	4
8865		Fox	87-94	4
8860		Golf	85-93	4
8875		Golf/Jetta 16 valve	92-96	4
8860		GTI	85-93	4
8860		Jetta	85-93	4
8875		Jetta 16 valve	92-96	4
8850		Rabbit	74-84	4
8855		Rabbit (US built)	74-84	4
8850		Scirocco	74-80	4
8855		Scirocco	81-84	4





SPORT UTILITY VEHICLES/TRUCKS - ALL				
Part #	Make	Model	Year	# Lines/Kit
7232	Chevrolet	Astrovan/Safari	85-98	3
7234		Blazer Full Size 2WD	95-98	3
7230		C-10/C-20 P/U-Blazer, Suburban 2WD 1/2 Ton	73-78	3
7231		C-10/C-20 P/U-Blazer, Suburban 2WD 1/2 Ton	79-86	3
7234		C1500/C2500 1/2-3/4 Ton, P/U-Suburban 2WD	88-98	3
7240		C1500 Blazer 2WD (Full Size)	92-94	3
7235		C3500 2WD 1 Ton, P/U-Suburban (Except old body style)	88-98	3
7241		K-10/K-20 P/U 1/2 Ton, Suburban 4WD	73-78	3
7242		K-10/K-20 P/U 1/2 Ton, Suburban 4WD	79-87	3
7240		K1500 Blazer 4WD (Full Size)	92-98	3
7237		K1500/K2500 1/2-3/4 Ton, P/U-Suburban 4WD	88-98	3
7233		S-10 P/U-Blazer 2WD (Early 1991)	82-91	3
7236		S-10 P/U-Blazer 2WD (Late 1991-Up)	91-98	3
7238		S-10 P/U-Blazer 4WD (Early 1991)	82-91	3
7239		S-10 P/U-Blazer 4WD (Late 1991)	91-98	3
7231		Suburban 2WD 1/2 Ton	79-86	3

EXTENDED/LIFTED VEHICLES

9583	Chevrolet/GMC	C3500 1 Ton P/U, Suburban (Except old body style with 4" lift)	88-98	3
9573		K-10/K-20 P/U-Blazer, Suburban with 4" lift	73-78	3
9571		K-10/K-20 P/U-Blazer, Suburban with 4" lift	79-87	3
9570		K1500/K2500 1/2-3/4 Ton P/U, Suburban with 4" lift	88-98	3
9574		S-10 P/U-Blazer 4WD (Early 1991) with 4" lift	82-91	3
9575		S-10 P/U-Blazer 4WD (Late 1991) with 4" lift	91-98	3
TBA	Dodge	Durango	98-99	5
9450		Ram 1500 1/2 Ton 2/4WD, 2500 3/4 Ton 2/4WD	95-97	3

EXTENDED/LIFTED VEHICLES

9455		Ram 1500 1/2 Ton 4WD with 4" lift	95-97	3
9455		Ram 2500 3/4 Ton 4WD with 4" lift	95-97	3
9330	Ford	Explorer	89-95	3
9332		Explorer	96-98	3
9334		Expedition	97-98	3
9320		F100/F150 2/4WD	80-89	3
9322		F100/F150 2/4WD	90-96	3
9324		F250 4WD	90-94	3
9326		F250 2WD	90-97	3
9328		F250 4WD	95-97	3

EXTENDED/LIFTED VEHICLES

9617		Bronco 4WD with 4" lift	66-77	3
9616		Bronco 1/2 Ton P/U with 4" lift	78-79	3
9615		Bronco 1/2 Ton P/U with 4" lift	80-89	3

SPORT UTILITY VEHICLES/TRUCKS - ALL (Cont'd)				
Part #	Make	Model	Year	# Lines/Kit
9614	Ford	Bronco 1/2 Ton P/U with 4" lift	90-96	3
9610		Explorer 4WD with 4" lift	89-96	3
9640		F100/F150 4WD with 4" lift	80-89	3
9641		F100/F150 4WD with 4" lift	90-96	3
9644		F250 4WD with 4" lift	90-94	3
9648		F250 4WD with 4" lift	95-97	3
9613		Ranger with 4" lift	82-85	3
9612		Ranger with 4" lift	86-88	3
9611		Ranger with 4" lift	89-96	3
8440	Honda	CRV (All Models)	97-98	3
9438		Odyssey	95-98	3
8430		Passport (2.6L 4 CYL Rear Drum)	94-11/95	3
8432		Passport (3.2L V6 Rear Disc)	94-11/95	3
8434		Passport (2.6L 4 CYL)	12/95-97	3
8436		Passport (3.2L V6 Rear Disc)	12/95-97	3
9470	Jeep	Cherokee/Wagoneer 2WD Mid-Size (Note: 1993 Non-ABS)	90-93	3
9472		Cherokee/Wagoneer 2WD (Note: All Non-ABS/with ABS to 8-20-93)	93-96	3
9474		Cherokee/Wagoneer 2/4WD (Note: All with ABS from 8-20-93)	94-97	3
9476		Cherokee/Wagoneer (Non-ABS) 4WD (Note: All with ABS to 8-20-93)	90-96	3
9478		Grand Cherokee Exc Rear Disc (To 8-20-93)	93-94	3
9480		Grand Cherokee With Rear Disc (To 8-20-93)	93-94	3
9482		Grand Cherokee Non Rear Disc (From 8-20-93)	94-97	3
9484		Grand Cherokee With Rear Disc (To 8-20-93)	94-97	3

EXTENDED/LIFTED VEHICLES

9591		CJ5/CJ7 with 4" lift	77-81	3
9590		CJ5/CJ7 with 4" lift	82-86	3
9593		Wagoneer,Cherokee with 4" lift J20,J10	74-78	3
9592		Wagoneer,Cherokee with 4" lift J20,J10	79-94	3
9594		Wrangler with 4" lift	87-95	3
8698	Nissan	Pathfinder With Rear Disc	90-96	4
8823	Toyota	4-Runner 2WD	11/95-98	3
8827		4-Runner 4WD	11/95-98	3
8833		Landcruiser	95-98	3
8835		Rav4	95-98	3
8837		Tacoma 2WD	95-98	3
8839		Tacoma 4WD	95-98	3
8841		T100 2WD	93-94	3
8843		T100 2WD	95-98	3
8845		T100 4WD	93-94	3
8847		T100 4WD	95-98	3

EXTENDED/LIFTED VEHICLES

9551		4-Runner with 4" lift	86-95	3
9557		4-Runner 4WD with 4" lift	11/95-98	3
9550		Pick Up 4X4 with 4" lift	79-95	3
9553		Tacoma 4WD with 4" lift	95-98	3
9552		T100 4WD with 4" lift	93-94	3
9554		T100 4WD with 4" lift	95-98	3

Complete Brake System Kits

Engineered for the discriminating builder, the Russell complete Brake System Kit is ideal for use on street rods, street machines or any project vehicle that is built from the ground up.

These kits feature Endura™ plated components that not only duplicate the look of stainless steel, but provide superior corrosion protection over standard cadmium plated fittings.

Each kit contains the necessary components required to professionally plumb your brake system. (Note: caliper fittings must be purchased separately as calipers vary per builder).

Each kit includes (4) 6' lengths of 3/16" stainless steel tubing, line clamps, and a complete set of #3 Adapter Fittings, tube nuts, tube sleeves, through frame fittings as well as factory assembled Street Legal™ stainless braided brake hoses.

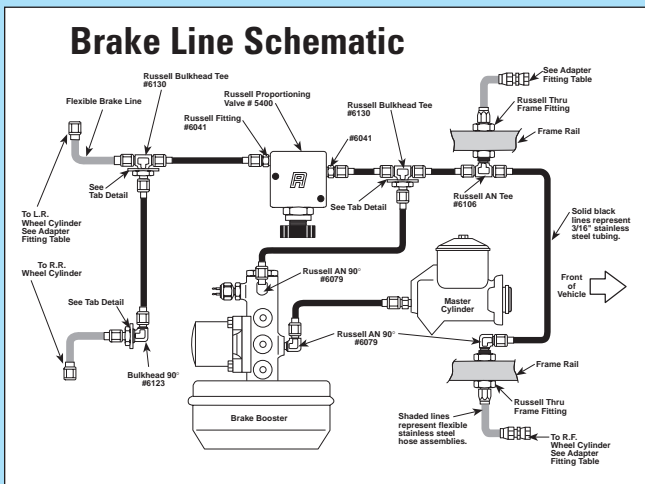
37° flaring tool is required for correct flaring of the tubing.

When selecting your system, two hose kits are used on vehicles with independent rear suspension with inboard brakes.

Three or four hose kits can be used on vehicles with a solid rear axle while four hose kits are required for independent rear suspensions with outboard brakes.



Part #	Description
8500	Brake Kit w/4 Flexible Brake Lines (2" Frame)
8501	Brake Kit w/3 Flexible Brake Lines (2" Frame)
8502	Brake Kit w/2 Flexible Brake Lines (2" Frame)
8503	Brake Kit w/4 Flexible Brake Lines (2 1/2" Frame)
8504	Brake Kit w/3 Flexible Brake Lines (2 1/2" Frame)
8505	Brake Kit w/2 Flexible Brake Lines (2 1/2" Frame)



Corvette® Competition Brake Line Kits

Russell Corvette® Brake Line Kits utilize the reliability of factory assembly with the superior working capabilities of PowerFlex™ hose to deliver the optimum in performance and safety. Direct replacement of factory hoses with no secondary adapter fittings required.

(Corvette is a registered trademark of General Motors)

Year	Lines Per Kit	Part #
1963-82	4	8295
1984-87	4	8296
1988-92	4	8297

Preassembled Hose Assemblies, Ready To Add Adapter Fittings

Universal hose assemblies are constructed from PowerFlex™ stainless steel braided hose and hose ends that are plated with Russell's unique ultra-brite Endura™ finish. Ends are factory precision crimped to eliminate leakage. Hose assemblies are street legal as they meet with the strict guidelines of D.O.T. MVSS-106 requirements.

- Teflon® inner liner and stainless steel braid eliminates hose expansion common to original factory rubber brake lines
- Unique Endura™ finish is corrosion resistant for long life
- Street legal in all 50 states
- Better braking performance and a firmer pedal feel
- Choose from a large assortment of #3 adapter fittings – virtually any hydraulic brake or clutch system may be fitted (see pages 32 -33)
- Available with three different custom hose ends:
 - 90° #3 to Straight #3
 - Straight #3 to Straight #3
 - 10mm-3/8" I.D. Banjo to Straight #3



Hose Length	90° -3 to Straight -3	Straight -3 to Straight -3	10mm-3/8" ID Banjo to Straight -3
9"	55012	56012	57012
12"	55022	56022	57022
15"	55032	56032	57032
18"	55042	56042	57042
21"	55052	56052	57052
24"	55062	56062	57062
27"	55072	56072	57072

Russell Thru The Frame Fitting



These fittings simplify the routing of brake lines through the frame for a neater and safer installation when building street rods, pro-street and race car chassis. These fittings are sold in pairs and are available in 2" and 2 1/2" lengths with #3 AN on one end and 1/8" pipe on the other.

Part #	Description
4149	Thru Frame Fitting 2"
4159	Thru Frame Fitting 2 1/2"

Universal #3 & #4 Competition Series Hose Assemblies



Competition Brake Lines For Professional Racing Applications

- Stainless steel hose with zinc plated hose ends
- Choose from three selections of #3 brake lines and two selections of #4 brake lines
- Non-D.O.T. lines for off-road use only



TECH TIP: When replacing your stock rubber brake lines, be sure to include Russell's Speed Bleeders®, see pages 19-23. This one person brake bleeding system really simplifies any brake line application.

#3 Universal Stainless Hose Assemblies

- Preassembled, ready for adapter fittings
- Choose from lengths of 9" up to 53"
- Wide selection of #3 Endura adapter fittings in metric and standard threads (see pages 32 - 33)

90° #3 to Straight #3	Part #	Length
	5501	9"
	5502	12"
	5503	15"
	5504	18"
	5505	21"
	5506	24"
	5507	27"
	5508	30"
	5509	33"
	5510	36"
	5511	39"
	5512	42"
	5513	45"
	5514	50"
	5515	53"

Straight #3 to Straight #3	Part #	Length
	5601	9"
	5602	12"
	5603	15"
	5604	18"
	5605	21"
	5606	24"
	5607	27"
	5608	30"
	5609	33"
	5610	36"
	5611	39"
	5612	42"
	5613	45"
	5614	50"
	5615	53"

10mm Banjo or 3/8" to Straight #3	Part #	Length
	5701	9"
	5702	12"
	5703	15"
	5704	18"
	5705	21"
	5706	24"
	5707	27"
	5708	30"
	5709	33"
	5710	36"
	5711	39"
	5712	42"
	5713	45"
	5714	50"
	5715	53"

#4 Universal Stainless Hose Assemblies

- Choose between 90° to straight and straight to straight hose ends
- Preassembled hose and hose ends in lengths from 9" to 40"
- Wide selection of #4 Endura™ adapter fittings to metric and standard threads to easily adapt to brake calipers or wheel cylinders (see pages 32 - 33)

90° #4 to Straight #4	Part #	Length
	5920	14"
	5921	16"
	5922	18"
	5923	20"
	5924	22"
	5925	24"
	5926	26"
	5927	28"
	5928	30"
	5929	32"
	5930	34"
	5931	36"
	5932	38"
	5933	40"

Straight #4 to Straight #4	Part #	Length
	5900	14"
	5901	16"
	5902	18"
	5903	20"
	5904	22"
	5905	24"
	5906	26"
	5907	28"
	5908	30"
	5909	32"
	5910	34"
	5911	36"
	5912	38"
	5913	40"

For racing applications, use Russell's DOT 5 Silicone Brake Fluid (see page 34)



Brake Line Hose & Hose Ends

PowerFlex™ Hose High Pressure PowerFlex™ Hose For Brake Lines

PowerFlex™ stainless steel braided hose, specifically designed for high performance brake applications, features the combination of a Teflon® inner liner with the corrosion and abrasion resistance of stainless steel braid for maximum pressure use.

- Teflon® inner liner with a 308 stainless steel braid
- Available in a variety of pre-cut lengths as well as in bulk rolls
- Use with PowerFlex™ Hose Ends (shown below)
- Use with #3 and #4 Endura™ adapter fittings (see pages 32 - 33)



Size	Hose I.D.	Per Foot	3' Roll	6' Roll	10' Roll	15' Roll	20' Roll	Max. Operating Pressure
-3	1/8"	3069	3249	3250	3251	3252	3253	2500
-4	3/16"	3070	3254	3255	3256	3257	3258	2500

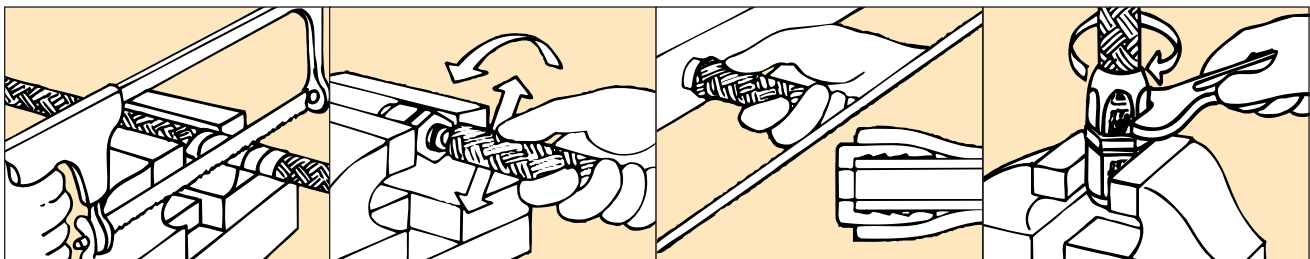
PowerFlex™ Hose Ends Use With #3 and #4 PowerFlex™ Brake Line Hose

Manufactured from high alloy steel providing the additional strength required to guarantee a quality, high pressure hose assembly.

- Exclusive ultra-brite Endura™ – a unique corrosion resistant finish which simulates the appearance of stainless steel
- Use with Endura™ adapter fittings (see pages 32 - 33)

Straight		45° Tube		90° Tube		10mm/3/8" ID Banjo Hose End	
Size	Part #	Part #	Part #	Part #	Part #	Part #	Part #
-3	20131	20431	20441	20441	40641		
-4	20141	20451	20461	20461			

How To Assemble PowerFlex™ Hose To PowerFlex™ Hose End



STEP ONE: Wrap the hose tightly with electrical tape. Hold the hose firmly in a vise without crushing and cut through the tape. Make sure you make a straight cut. Remove the tape slowly and deburr the teflon edges. Install the socket on the hose and slide it back out of the way.

STEP TWO: Insert the nipple portion of the PowerFlex hose end in a vise. Slip the hose over the nipple in a twisting motion to size the I.D. of the teflon. Separate the wire braid from the O.D. of the teflon tube with a small screwdriver. Be careful not to crush the teflon.

STEP THREE: Push the olive sleeve around the teflon and between the braid. This can be done by pushing the olive sleeve against the side of your workbench or vise. Be sure the teflon liner is square to the bottom of the olive. With the nipple in the vise, lube the threads and the nipple portion of the hose end sparingly. Insert the hose over the nipple making sure the olive does not pop off the teflon tube.

STEP FOUR: Start the socket onto the nipple by hand. Tighten with a wrench until the gap between the nipple and the socket is no more than 1/16". Clean the hose assembly and pressure test before using.

Brake Adapter Fittings





#3 & #4 Endura™ Brake Adapter Fittings

For Use With PowerFlex™ Universal Hose Assemblies (page 30) and PowerFlex™ Hose (page 31)





Unique Endura™ plated steel AN brake adapters from Russell are best suited for operating conditions where extreme corrosion is a problem. The ultra-brite simulated stainless steel finish is very tough and looks great too.

- Corrosion resistant Endura™ finish
- Looks like stainless for less money
- Choose from a wide selection of #3 fittings available in metric or SAE threads for most popular applications





METRIC





	10mm x 1.0 Female		10mm x 1.0 Male		10mm x 1.25 Male		10mm x 1.0 Female	
								
	Euro.	Jap.	European	Japanese	European	Japanese	European	Japanese
Size #3	40411	41411	40431	41431	40451	41451	–	41471
Size #4	40421	41421	40441	41441	40461	41461	–	41481
Qty/Card	2	2	2	2	2	2	–	2





SAE

	3/8" x 24 I.F. (Male)	1/8" NPT Pipe Male	1/8" NPT Pipe Male 90°	1/8" NPT Pipe Male 45°
				
Size #3	43961	42441	42791	42931
Qty/Card	2	1	1	1

SAE (continued)

Male Tee	Bulkhead Tee	Bulkhead Nut	10mm Banjo
			
Size #3 42981	43301	43871	40641
Qty/Card 1	1	2	1

3/8" x 24 Female	3/8" x 24 Male	7/16" x 20 Male	7/16" x 24 Male
			
Size #3 41291	41301	41321	41311
Size #4 40291	40301	40321	40311
Qty/Card 2	2	2	2

7/16" Bolt-GM	10mm (3/8") Straight	10mm (3/8") 35° Banjo	10mm (3/8") 90° Banjo
			
Size #3 40491	40471	40501	40511
Size #4 40631	40481	-	-
Qty/Card 1	1	1	1

Brake Line Accessories



Russell Brake Proportioning Valve

- Manufactured from billet aluminum
- Adjustable up to a 60% pressure reduction
- Complete with 3/8" - 24 line adapters
- Professionally anodized in black
- Utilizes anti-corrosive brass internal components
- Includes 3/16" hard tube adapters

Part #	Description
5400	Russell Brake Proportioning Valve



Russell Aluminum Brake Line Clamps

- Manufactured from billet aluminum
- Professional and secure method of attaching brake hard line to frame rail
- Designed to work with 3/16" O.D. line

Part #	Description	Qty. Per Card
5402	Aluminum Brake Line Clamps (3/16")	12

DOT 5 Brake Fluid

Russell's long life DOT 5 Silicone Brake Fluid was specifically developed for severe service and competition applications. Complies with Federal Motor Vehicle Safety Standard #116. It will not boil at temperatures up to 500° F.

Russell Silicone Brake Fluid will not absorb moisture and is factory recommended for use with all Russell PowerFlex™ Hoses. Available in 12 oz. bottles.

(Do Not Mix With Non-DOT 5)

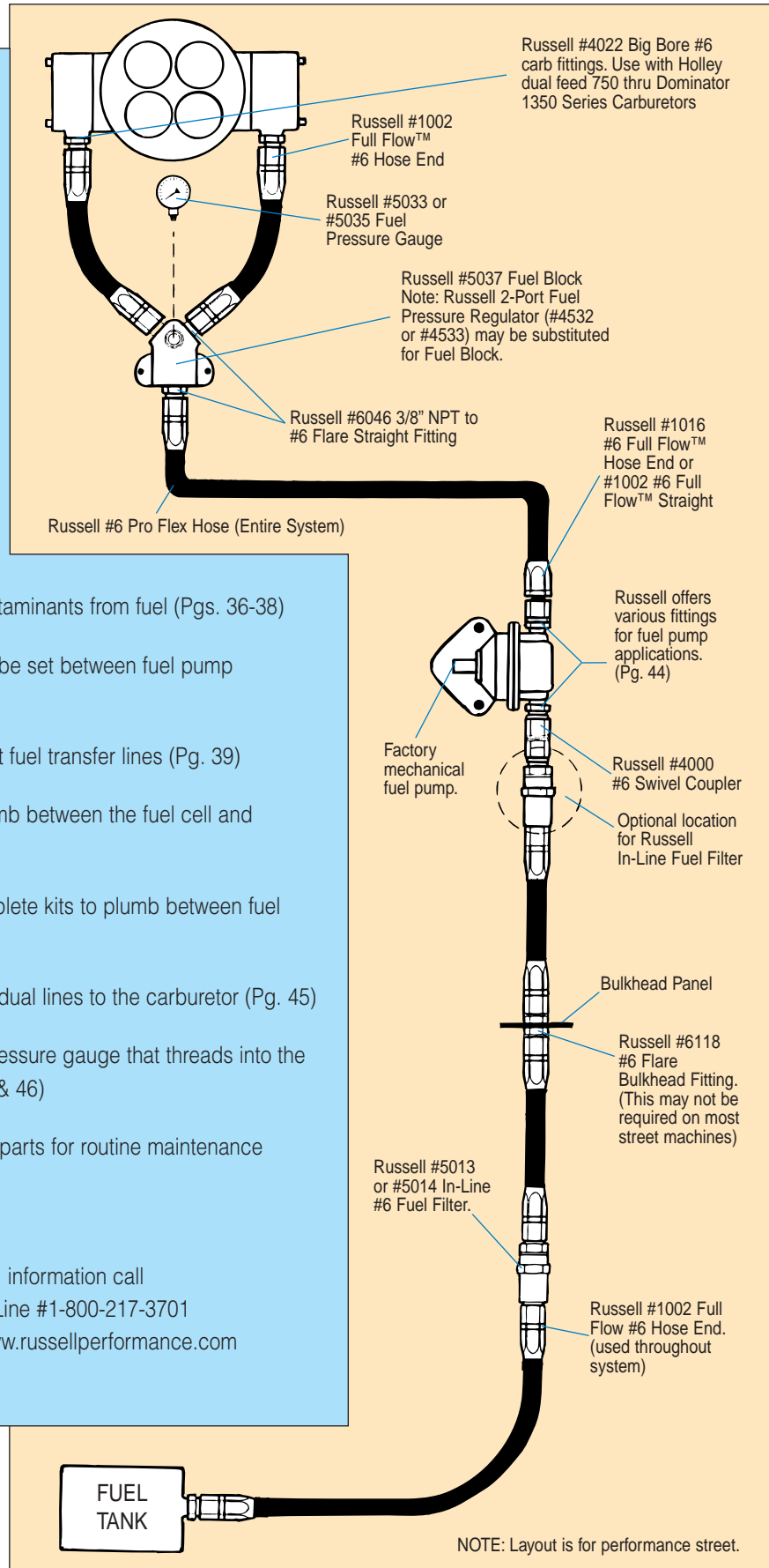
Part #	Description	Qty/Case
7144	Silicone Brake Fluid	12
7144-1	Silicone Brake Fluid	Single Bottle



Russell Performance makes plumbing a fuel system easy. Anywhere a high volume fuel line is needed, from the fuel tank to the carburetor, there is either a complete kit or an individual component readily available.

- Fuel Filters – efficiently removes contaminants from fuel (Pgs. 36-38)
- Regulators – allows fuel pressure to be set between fuel pump and carburetor (Pg. 38)
- Fuel Lines – high volume, lightweight fuel transfer lines (Pg. 39)
- Fuel Line Kits – complete kits to plumb between the fuel cell and fuel pump (Pg. 40-42)
- Fuel Pump to Carburetor Kits – complete kits to plumb between fuel pump and carburetor (Pgs. 40 & 43)
- Fuel Y-Blocks – dividing junction for dual lines to the carburetor (Pg. 45)
- Fuel Pressure Gauge – easy read pressure gauge that threads into the fuel Y-block or the fuel line (Pgs. 42 & 46)
- Service Components – replacement parts for routine maintenance (Pg. 55)

For technical information call the Russell Tech Line #1-800-217-3701 or visit our website: www.russellperformance.com



Fuel Filters

Protect your expensive engine from dirt and harmful contaminants with a Russell fuel filter. From street to strip, Russell has a filter that fits your budget and performance requirements. Replacement elements are available for all filters.

Clear Flow™ Fuel Filters

- Allows visual inspection of filter and fuel for contaminants
- Universal fit for 1/4", 5/16" and 3/8" fuel lines
- Nylon mesh element can be cleaned or replaced
- Designed for carbureted engines making less than 300 horsepower
- For use with pump gas only



Part #	Description	Length	Diameter	Inlet/Outlet
4539	Clear Flow™ Universal Filter - Long	5 3/8"	1 1/8"	1/8" NPT
4544	Clear Flow™ Universal Filter - Short	4 1/4"	1 1/8"	1/8" NPT
4541	Clear Flow™ Replacement Element - Long	-	-	-
4546	Clear Flow™ Replacement Element - Short	-	-	-

Part #	Description	Length	Diameter	Inlet/Outlet
4542	Clear Flow Plus™ 1/8" Female - Red	5"	1 1/8"	1/8" NPT
4543	Clear Flow Plus™ 1/8" Female - Blue	5"	1 1/8"	1/8" NPT
4547	Clear Flow Plus™ #6 - Red	3 5/8"	1 1/8"	#6 Male
4548	Clear Flow Plus™ #6 - Blue	3 5/8"	1 1/8"	#6 Male
4549	Replacement Element	-	-	-

Clear Flow Plus™ Fuel Filters

- Allows visual inspection of filter and fuel for contaminants
- Available with #6 male outlets or 1/8" NPT outlets with 1/4", 5/16" and 3/8" universal barb adapters
- Sintered bronze element can be cleaned or replaced
- Available in either red or blue anodize



Aluminum Street Fuel Filters

- Manufactured from billet aluminum for strength and shock resistance
- Sintered bronze element can be cleaned or replaced
- Offered in red, blue or black anodize or chrome plated finish
- Designed for carbureted engines making less than 300 horsepower
- Available to fit 1/4", 5/16" or 3/8" fuel lines

Part #	Description	Length	Diameter	Inlet/Outlet
4500	Chrome Fuel Filter - 1/4"	3"	1 1/8"	1/4"
4501	Red Fuel Filter - 1/4"	3"	1 1/8"	1/4"
4502	Blue Fuel Filter - 1/4"	3"	1 1/8"	1/4"
4503	Black Fuel Filter - 1/4"	3"	1 1/8"	1/4"
4506	Chrome Fuel Filter - 5/16"	3"	1 1/8"	5/16"
4507	Red Fuel Filter - 5/16"	3"	1 1/8"	5/16"
4508	Blue Fuel Filter - 5/16"	3"	1 1/8"	5/16"
4509	Black Fuel Filter - 5/16"	3"	1 1/8"	5/16"
4512	Chrome Fuel Filter - 3/8"	3"	1 1/8"	3/8"
4513	Red Fuel Filter - 3/8"	3"	1 1/8"	3/8"
4514	Blue Fuel Filter - 3/8"	3"	1 1/8"	3/8"
4515	Black Fuel Filter - 3/8"	3"	1 1/8"	3/8"
5166	Replacement Bronze Filter Element	-	-	-





Fuel Filters



Competition Fuel Filters

Specifically designed for today's high volume fuel systems

- Manufactured from billet aluminum
- Offered in #6 and #8 male outlets
- Flows up to 130 gallons per hour
- Disc type element filters down to 40 microns and can be cleaned or replaced
- Designed for carbureted or injected engines making up to 1000 horsepower
- Offered in polished aluminum or red and blue anodized finishes

Part #	Description	Length	Diameter	Inlet/Outlet
5013	#6 Red/Blue Anodize	3"	1 1/4"	#6 Male
5014	#6 Polished Aluminum	3"	1 1/4"	#6 Male
5010	#8 Red/Blue Anodize	3 1/4"	1 1/4"	#8 Male
5011	#8 Polished Aluminum	4 1/4"	1 1/4"	#8 Male
5167	Replacement Element (All)	-	-	-



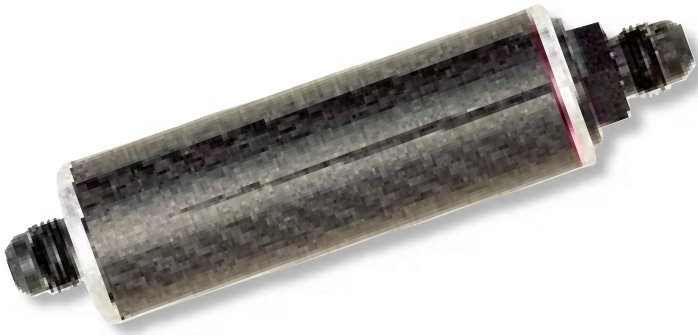
Profilter

Frame mounted in-line filter includes adjustable mounting bracket with adjustments from 1 1/4" up to 2". The Russell Profilter is engineered to provide full flow filtration with a minimum amount of restriction. Precision machined from billet aluminum, the Profilter end caps are removable for easy access to service the element. The replaceable element is secured with a positive o-ring seal, insuring the optimum in filtration.

- Designed for carbureted or injected engines making up to 1800 horsepower
- Offered in #8 and #10 male outlets
- Professionally anodized red and blue / or carbon fiber
- Available with a replaceable paper element for gasoline or a stainless steel element for alcohol

Part #	Description	Length	Diameter	Inlet/Outlet
4900	Profilter Inline #8 w/Paper Element - Aluminum	12"	2"	#8 Male
4901	Profilter Inline #8 w/Stainless Element - Aluminum	12"	2"	#8 Male
4902	Profilter Inline #10 w/Paper Element - Aluminum	12"	2"	#10 Male
4903	Profilter Inline #10 w/Stainless Element - Aluminum	12"	2"	#10 Male
4908	Profilter Inline #8 w/Stainless Element - Carbon Fiber	12"	2"	#8 Male
4909	Profilter Inline #10 w/Stainless Element - Carbon Fiber	12"	2"	#10 Male
4906	Replacement Element - Paper	-	-	-
4907	Replacement Element - Stainless	-	-	-

Fuel Filters – Fuel Regulators



Carbon Fiber Street Fuel Filter

The ultimate in a lightweight street fuel filter for race applications where weight is a factor.

- Use with #6 stainless steel hose
- Replacement paper element available

Part #	Description	Length	Diameter	Inlet/Outlet
4910	Carbon Fiber Street Filter - Short	5 5/16"	1 1/4"	#6 Male
5168	Replacement Element - Paper	-	-	-

Regulators

Protect your carburetor from fuel starvation and flooding with a Russell fuel pressure regulator. These in-line regulators are easily adjustable between 3 psi and 25 psi and can be used on engines making in excess of 1,000 horsepower. Mounting bracket is included for easy installation.

Ultra Flow™ Fuel Pressure Regulator

Two port fuel pressure regulator

- Manufactured from billet aluminum
- Flows up to 140 gallons per hour
- Allows fuel pressure settings between 3 psi and 25 psi
- Large female 3/8" NPT inlet and outlet ports
- Compatible with fuel additives and alcohol
- Viton o-ring seal prevents fuel pressure creepage
- Available in red and blue anodize or show polished aluminum finishes
- Mounting bracket included



Part #	Description	Height	Width	Inlet/Outlet
4532	Ultra Flow™ Fuel Pressure Regulator Red/Blue	3 1/2"	1 3/4" Hex	3/8" NPT Female
4533	Ultra Flow™ Fuel Pressure Regulator Show Polished	3 1/2"	1 3/4" Hex	3/8" NPT Female

Ultra Flow™ II Fuel Regulator With Filter

Ultra Flow II is the same two-port fuel regulator as Ultra Flow™ except that it incorporates a fuel filter with a replaceable aircraft quality element in a unique housing.

- Manufactured from billet aluminum
- Flows up to 140 gallons per hour
- Allows fuel pressure settings between 3 psi and 25 psi
- Large female 3/8" NPT inlet and outlet ports
- Compatible with fuel additives and alcohol
- Viton o-ring seal prevents fuel pressure creepage
- Available in red and blue anodize or show polished aluminum finishes
- Mounting bracket included



Part #	Description	Height	Width	Inlet/Outlet
4526	Ultra Flow II Fuel Pressure Regulator Show Polished	5 1/2"	1 3/4" Hex	3/8" NPT Female
4527	Ultra Flow II Fuel Pressure Regulator Red/Blue	5 1/2"	1 3/4" Hex	3/8" NPT Female
5168	Replacement Element	-	-	-



Anodized Aluminum Fuel Line

Lightweight, inexpensive and easy to use, Russell's anodized aluminum fuel line is available in three sizes to fit virtually any fuel system. Used where a flexible fuel line is not required, it is easily contoured to route along frame rails and chassis tubes. Connect to fuel line adapters using Russell tube nuts and tube sleeves and a 37° flaring tool or our new Hard Tube Adapters.

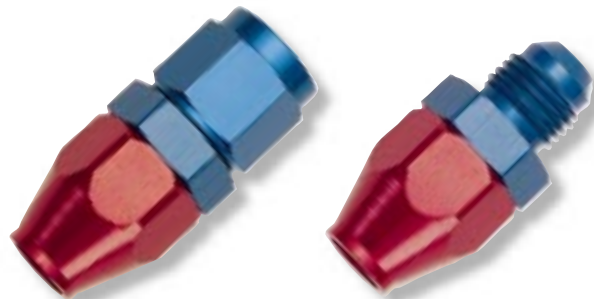
Part #	Description	Color
3925	3/8" OD 25' Coil	Blue
3926	3/8" OD 25' Coil	Red
3927	1/2" OD 25' Coil	Blue
3928	1/2" OD 25' Coil	Red
3929	Aluminum Fuel Line 5/8" OD 25' Coil	Red
3930	Aluminum Fuel Line 5/8" OD 25' Coil	Blue

- Available in 25 ft. rolls of either 3/8", 1/2" or 5/8" O.D.
- Two color choices: red and blue anodize
- For use with 37° flare adapter fittings using the Russell Tube Nut/Tube Sleeve combination or our new Hard Tube Adapters
- Used for routing the fuel line along frame rails and to Y-Blocks or pump to carburetor

Tube Nut



Part #	Tube Size	Qty/Pkg
6057	3/8"	2
6058	1/2"	2
6059	5/8"	1



Tube Sleeve



Part #	Tube Size	Qty/Pkg
6065	3/8"	2
6066	1/2"	2
6067	5/8"	1

Hard Tube Adapters

- Connects 3/8" or 1/2" aluminum tube to #6 or #8 adapters
- Unique crimp design eliminates tube flaring
- Available in male or female ends for 3/8" or 1/2" tubing

Part #	Description
3920	#6 Female Swivel to 3/8" Tube
3921	#6 Male 37° to 3/8" Tube
3922	#8 Female Swivel to 1/2" Tube
3923	#8 Male 37° to 1/2" Tube



How To Install Hard Tube Adapters On Aluminum Fuel Line

STEP 1: Using a hacksaw or tubing cutter, cut the tube to the desired length. It is important to keep the end of the tube straight.

STEP 2: With the adapter unassembled, put the (red) socket over the tube first. Next, slide the brass collar over the tubing. Insert the tube into the adapter until it bottoms out. Tighten the two together. The two components crush the internal collar down on the tube to achieve the seal.

Note: Once assembled, be sure to check for noticeable seepage.

Street Performance Fuel Line Kits

To complete your fuel system, select from one of Russell's Street Performance Fuel Line Kits. Designed to fit most aftermarket and late-model factory carburetors, these fuel line kits are available in traditional stainless steel braided hose.

Dual Feed Holley® Balanced Carburetor Kit

- Delivers high volumes of fuel for racing applications
- Kit includes two Big Bore Carburetor Bowl Fittings, a Balanced Flow Fuel Block, four Full Flow™ Hose Ends and two 8" lengths of #6 ProFlex™ Hose
- Fuel block has 3/8" NPT female inlet/outlet

Part #	Description
5001	Balanced Carburetor Kit (#6 Pro Flex™)

Holley® 600/660 Tunnel Ram Kit

- Designed for "high rise" or tunnel ram with dual single feed Holley 600/660 series carburetors
- Kit includes two Big Bore Carburetor Bowl Fittings, a Balanced Flow Fuel Block, four Full Flow™ Hose Ends and two 18" lengths of #6 ProFlex™ Hose
- Fuel block has 3/8" NPT female inlet/outlet

Part #	Description
5002	Tunnel Ram Kit (#6 Pro Flex™)

Fuel Pump to Carburetor Kit

- Designed to replace your original fuel line
- Fits most GM and Ford applications using Holley carburetors
- Most kits include a Big Bore Carburetor Bowl Fitting, a Fuel Pump Adapter, two Full Flow™ Hose Ends and a pre-cut length of #6 ProFlex™ Hose

Part #	Length	Description
4101	2 1/2'	Fuel Pump to Carburetor Line Kit (GM product w/quad, up to 1974)
4102	2 1/2'	Fuel Pump to Carburetor Line Kit (GM product w/quad, 1974 and later)
4103	2'	Fuel Pump to Carburetor Line Kit (GM product for use with Kit No. 4109, 4112)
4104	2'	Fuel Pump to Carburetor Line Kit (Ford Product w/Holley)
4105	3'	Fuel Pump to Carburetor Line Kit (Universal Tube Seal™ Ends)

Fuel Line Dual Inlet Kits



For Fuel Transfer Between Carburetor and Fuel Pump



#6 Dual Inlet Carburetor Kit For Holley®

The #6 Dual Inlet Carburetor Kit is by far the finest customizing modification that the serious enthusiast can give his car. This high quality kit features: precision mandrel bent tubes and ProFlex™ Race Hose with Tube Seal™ connections. Tubes are professionally dip-brazed and finished in high luster anodize. It comes fully assembled and can be adjusted to all styles of dual-feed Holley® Carburetors (except 4010/4011) by simply

loosening the Tube Seal™ Hose Ends and adjusting the ProFlex™ hose to the desired length. Design includes a fuel gauge port. Inset size 3/8" NPT. Comes complete with a 0-15 psi liquid filled fuel pressure gauge (#4110) or without a gauge (#4109)

Part #	Description	Application
4109	#6 Dual Inlet Kit for Dual Feed Holley® (except 4010/4011) without gauge, #6 ProFlex™ stainless steel braided hose with Tube Seal™ connections, 3/8" NPT inlet, 1/8" inlet port for optional pressure gauge.	Dual Feed Holley® (except 4010/4011)
4110	#6 Dual Inlet Kit for Dual Feed Holley® (except 4010/4011) with gauge, #6 ProFlex™ stainless steel braided hose with Tube Seal™ connections, 3/8" NPT inlet, includes 0-15 psi liquid filled fuel pressure gauge.	Dual Feed Holley® (except 4010/4011)



#6 Dual Inlet Carburetor Kit For Holley® Dominator

For the serious enthusiast who desires maximum reliability, this fully assembled kit is especially popular in circle track racing where it can handle high pressure and heat for extended periods of time. This kit features ProFlex™ Race Hose with Full Flow™ Hose Ends for screw-on

connections. Although this fully assembled kit is designed for the 1150 Holley® Dominator carburetor, it can be adapted to fit the smaller Holley® dual feed models by simply shortening the length of the ProFlex™ Hose. Inlet size is 3/8" NPT. Includes a fuel gauge port.

Part #	Description	Application
4111	#6 Dual Inlet Kit for 4500 Holley® Dominator without gauge, #6 ProFlex™ stainless steel braided hose and Full Flow™ Hose ends for screw-on connections, 3/8" NPT inlet, 1/8" inlet port for optional pressure gauge.	4500 Holley® Dominator Series



#6 Dual Inlet Carburetor Kit For Holley® 4010/4011

This fully assembled inlet kit features precision mandrel bent tubes allowing for the optimum in fuel flow. Offers precise clearance for use with most low profile air cleaners. Assembled with ProFlex™ Race Hose and Full Flow™ Hose Ends which are professionally anodized in red and blue with a 3/8" NPT thread inlet. Come complete with a

0-15 psi liquid filled pressure gauge (#4113) or may be purchased without a gauge (#4112). Includes a fuel gauge port.

Part #	Description	Application
4112	#6 Dual Inlet Kit for 4010/4011 Holley® without gauge. #6 ProFlex™ stainless steel braided hose and Tube Seal™ Hose Ends, 3/8" NPT inlet, 1/8" inlet port for optional pressure gauge.	4010/4011 Holley®
4113	#6 Dual Inlet Kit for 4010/4011 Holley® with gauge, #6 ProFlex™ stainless steel braided hose and Tube Seal™ Hose Ends, 3/8" NPT inlet, includes 0-15 psi liquid filled fuel pressure gauge.	4010/4011 Holley®

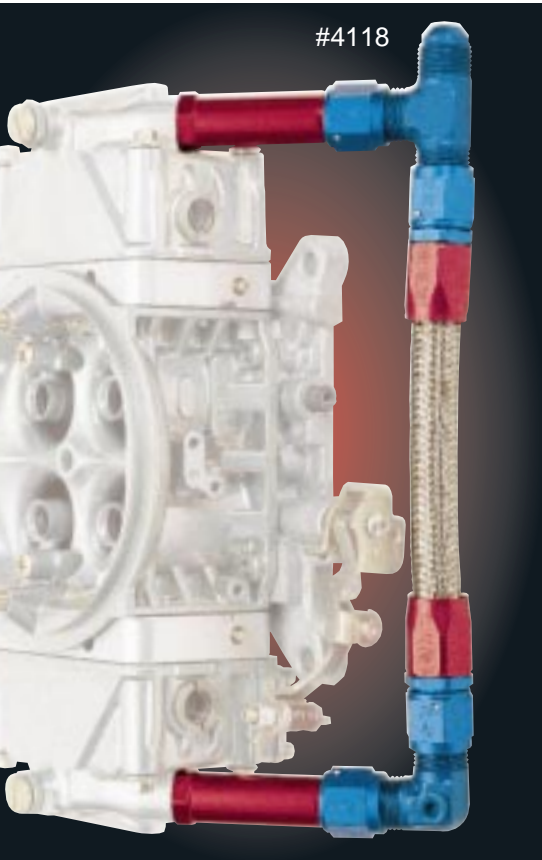
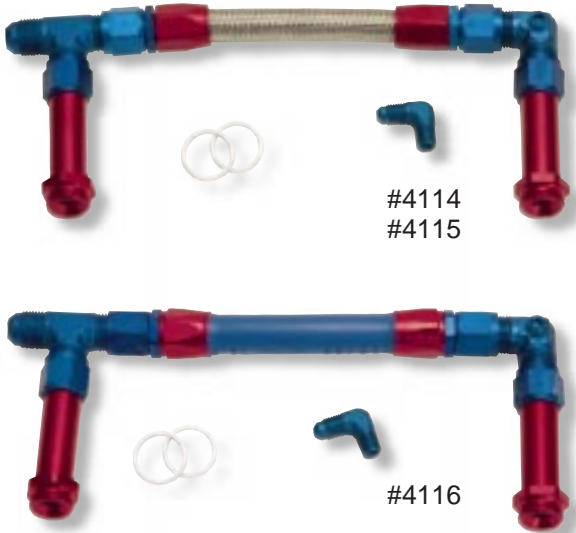
Fuel Line Dual Inlet Kits

#8 Dual Inlet Carburetors Kits For Performance Race Applications

These kits are available with either #8 ProFlex™ stainless steel braided hose or #8 Twist-Lok™ Blue Hose which utilizes an extruded CPE inner liner reinforced with a fabric braid. Each kit is drilled and tapped with 1/8" NPT for a fuel pressure gauge takeoff. Includes AN swivel fittings, fuel bowl washers, #8 AN inlet, 1/8" pipe to AN fitting and 1/8" pipe plug.

- Fully assembled kit
- 0-15 psi gauge sold separately (#5033)

Part #	Description	Application
4115	#8 Dual Inlet Kit for Dual Feed Holley® without gauge, #8 ProFlex™ stainless steel braided hose and Full Flow™ Hose Ends. AN fittings, #8 male inlet, 1/8" female pipe port for optional fuel pressure gauge, complete with fuel bowl washers.	Dual Feed Holley® (except 4010/4011)
4116	#8 Dual Inlet Kit for Dual Feed Holley® without gauge, #8 blue Twist-Lok™ hose and Twist-Lok™ Hose Ends, AN fittings, #8 male inlet, 1/8" female pipe port for optional fuel pressure gauge, complete with fuel bowl washers.	Dual Feed Holley® (except 4010/4011)
4118	#8 Dual Inlet Kit for BG Claw without gauge, #8 ProFlex™ stainless steel braided hose and Full Flow™ Hose Ends, AN fittings, #8 male inlet, 1/8" female pipe port for optional fuel pressure gauge, complete with fuel bowl washers.	B-G Claw
4114	#8 Dual Inlet Kit for 4500 Holley® Dominator without gauge, #8 ProFlex™ stainless steel braided hose and Full Flow™ Hose Ends. An fittings, #8 male inlet, 1/8" female pipe port for optional fuel pressure gauge, complete with fuel bowl washers.	4500 Holley® Dominator Series



Fuel Pressure Gauge Fits All Russell Dual Inlet Carburetor Kits

An accurate pressure gauge for highly sophisticated fuel systems is critical to any high performance endeavor. This precision engineered gauge is liquid filled to resist the most severe vibrations in automotive and marine applications. Easy-to-read unit is housed in an all steel case with a "show" chrome finish. 0-15 psi reading.



Part #	Diameter	Inlet Size	Description
5033	1 1/2"	1/8" Male NPT	0-15 psi Fuel Pressure Gauge

For more pressure gauges, see page 46.



The easiest way to plumb from your fuel pump to carburetor inlet kit is with one of Russell's Fuel Pump to Carb Kits. Fits only #8 Dual Inlet Kits (see page 42). You can choose between traditional stainless steel braided hose or Twist-Lok™ blue rubber hose. Each kit includes 4 ft. of #8 hose and a selection of hose ends and adapters to fit virtually any high performance engine mounted fuel pump.

Fuel Pump to Carb Kits

- Designed to be used with the Russell #8 Dual Inlet Kits
- Extra adapters included to work with most aftermarket high volume engine mounted fuel pumps
- Includes 4 ft. of #8 hose
- Available in either ProFlex™ or Twist-Lok™ Hose Series

Part #	Description
3940	Fuel Pump to #8 Dual Inlet Kit – Holley/ProFlex™ - 4 ft.
3941	Fuel Pump to #8 Dual Inlet Kit – Holley/Twist-Lok™ - 4 ft.

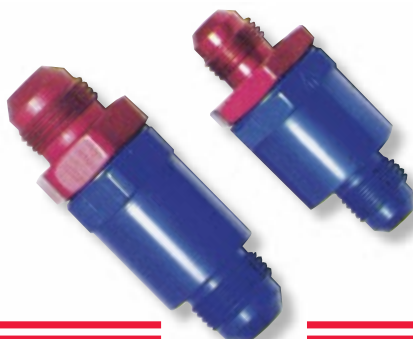


Fuel Cell to Fuel Pump Kits

To plumb from the fuel cell to the pump with flexible hose, Russell now offers our Fuel Cell to Pump Kit, available with either our traditional stainless steel braided hose or our new Twist-Lok™ blue rubber hose. Each kit includes 20 ft. of #8 hose and a selection of hose ends and adapters to fit virtually all applications.

- Designed for fuel transfer from the fuel cell to the fuel pump
- Can be adapted for use with an inline fuel filter
- Extra adapters included to work with most aftermarket fuel cells and pumps
- Includes 20 ft. of #8 hose
- Available in either ProFlex™ or Twist-Lok™ Hose Series

Part #	Description
3943	Professional Line Kit – Fuel Pump to Fuel Cell #8 Twist-Lok™ - 20 ft.
3946	Professional Line Kit – Fuel Pump to Fuel Cell #8 ProFlex™ - 20 ft.

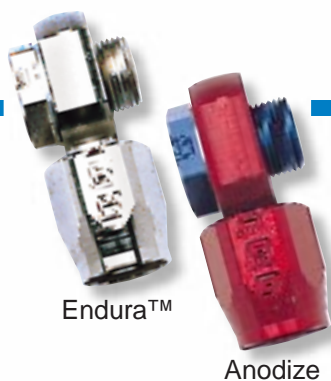


Aluminum Check Valves

- Manufactured from billet aluminum
- Allows fluid or air to flow in only one direction
- Flow rate of 150-180 gallons per hour at 7-10 psi
- Professionally anodized in red and blue
- Available with either #6 or #8 male outlets

Part #	Description
3621	Aluminum Check Valve #6
3622	Aluminum Check Valve #8

Carburetor/Fuel Pump Adapter Fittings



Available in
Ultra-brite Endura™
or traditional
anodized finishes.



Part # 4076 Red

Size: #6 Qty/Card: 1

APPLICATION: General Motors
LT-1 fuel injection return line.
Allows use of #6 braided line.



Part # 4020 Red / 40201 Endura™

Size: #6 Qty/Card: 2

APPLICATION: Holley® Single
Feed 600-660 Series, Holley®
Dual Feed 4010-4011 Series
and all Two Barrel Series with
9/16"-24 thread.



Part # 4021 Red / 40211 Endura™

Size: #8 Qty/Card: 2

APPLICATION: Holley® Dual
Feed 750 thru Dominator 1350
Series, and Quadrajet up to
1974 with 7/8"-20 thread.
Overall length is 2"



Part # 4027 Red-Blue / 40271 Endura™

Size: #6 Qty/Card: 1

APPLICATION: Carter, AFB
Carburetor 5/8"-20 thread.
Banjo fitting assembles directly
to hose.



Part # 4075 Red-Blue

Size: #8 Qty/Card: 2

APPLICATION: Holley® Dual
Feed 750 thru Dominator 1350
Series, and Quadrajet up to
1974 with 7/8"-20 thread.
Overall length is 3 1/4".



Part # 7003 Blue / 70031 Endura™

Size: #10 Qty/Card: 1

APPLICATION: Russell Ultra
Flow Fuel™ Pressure
Regulator, Holley® electric fuel
pumps and regulators.



Part # 4022 Red / 40221 Endura™

Size: #6 Qty/Card: 2

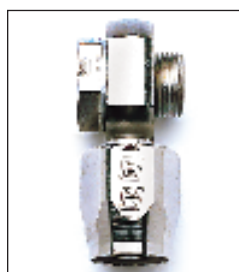
APPLICATION: Holley® Dual
Feed 750 thru Dominator 1350
Series, and Quadrajet up to
1974 with 7/8"-20 thread.



Part # 4033 Steel / 40331 Endura™

Size: #6 Qty/Card: 1

APPLICATION: Ford, Chrysler,
and early Chevy pumps with
1/2"-20 inverted flare thread.



Part # 4023 Red-Blue / 40231 Endura™

Size: #6 Qty/Card: 2

APPLICATION: Holley® Single
Feed 600-660 Series, and all
two barrel series with 9/16"-24
thread. Banjo fitting assembles
directly to hose.



Part # 4038 Steel / 40381 Endura™

Size: #6 Qty/Card: 1

APPLICATION: Chevy fuel
pumps. (1970 and later) and
Holley® inline filters with 5/8"-18
inverted flare thread.



Part # 4024 Blue / 40241 Endura™

Size: #6 Qty/Card: 2

APPLICATION: Carter, AFB,
Edelbrock Series Carburetors
with 5/8"-20 thread.

Billet Fuel Y-Blocks

For connecting dual fuel lines to a carburetor, these Y-Style Fuel Blocks are engineered for the optimum in flow. Ideal for both street and race applications. Machined from billet aluminum, these blocks feature 3/8" NPT inlet and outlet ports. For maximum flow applications, our race blocks utilize large 1/2" NPT inlets with either 3/8" NPT or 1/2" NPT outlet ports. All blocks feature a 1/8" NPT pressure gauge port and are professionally anodized red for a great appearance.

Part #	Description
5036	Fuel Block 1/2" inlet 3/8" outlet
5037	Fuel Block 3/8" inlet and outlet
5038	Fuel Block 1/2" inlet and outlet



Aluminum Tank Welding Bungs

For Connecting Fuel Hose To Fuel Cell

- Manufactured from 6061 aluminum
- Available in five different sizes to fit any aluminum fuel cell application
- Welding lip prevents warpage of the threads during welding process
- Adapter fittings require an o-ring for proper sealing (sold separately)
- Select either female or male bungs



Size	Part #	Straight Thread	Uses Adapter Fitting #
-6	4009	9/16" - 18 SAE	6035
-8	4010	3/4" - 16 SAE	6036
-10	4011	7/8" - 14 SAE	6037
-12	4012	1 1/16" - 12 SAE	6038
-16	4013	1 5/16" - 12 SAE	6039

Pipe Thread			
1/8"	7074	1/8" - 27 NPT	-
1/4"	7075	1/4" - 18 NPT	-
3/8"	7076	3/8" - 18 NPT	-
1/2"	7077	1/2" - 14 NPT	-
3/4"	7078	3/4" - 14 NPT	-
1"	7079	1" - 11 1/2 NPT	-

Size	Part #	Thread	For Use With
-6	7058	9/16" - 18 SAE	Full Flow™ Hose Ends Full Flow™ Swivel Hose Ends and Twist-Lok™ Hose Ends
-8	7059	3/4" - 16 SAE	
-10	7060	7/8" - 14 SAE	
-12	7061	1 1/16" - 12 SAE	
-16	7062	1 5/16" - 12 SAE	
-20	7063	1 5/8" - 12 SAE	

Fuel Pressure Gauges

Engineered for the serious street enthusiast, these gauges guarantee precise fuel pressure settings of up to 15 psi. Each comes with an easy to read face. Gauges have a chrome plated steel case with 1/8" NPT male inlets. Available in both liquid filled and non-liquid filled models. Designed to withstand severe vibration for extended service and performance for automotive and marine usage.



#5033



#5039



#5035

#5034
Not Shown

Part #	Diameter	Inlet Size	Description
5033	1 1/2"	1/8" Male NPT	0-15 psi fuel pressure gauge – liquid
5034	1 1/2"	1/8" Male NPT	0-100 psi fuel pressure gauge – liquid
5035	1 1/2"	1/8" Male NPT	0-15 psi fuel pressure gauge – non-liquid
5039	1 1/2"	1/8" Male NPT	0-15 psi fuel pressure gauge, machine face – liquid

Fuel and Oil Gauge Fitting Kits

This installation kit makes it a snap to connect remote mounted fuel or oil pressure gauges. Kit includes: 1/8" NPT block adapter fitting, two PowerFlex™ Hose Ends and a gauge adapter fitting. For use with PowerFlex™ Hose on page 7.

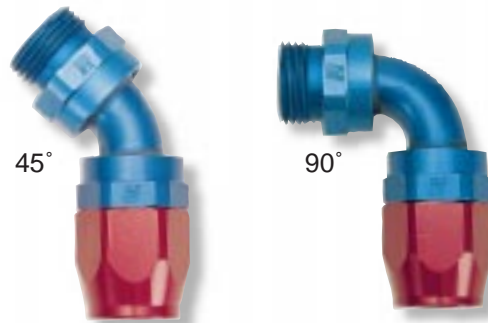


Part #	Size	Gauge Size
4026	4	Fitting Kit with 1/8" NPT Adapter
4071	4	Fitting Kit with 3/16" Inverted Flare

Full Flow Swivel Dry Sump Hose Ends

Russell's unique new Full Flow™ Swivel Dry Sump Hose Ends allow you to plumb your dry sump oil lines with a minimum of fittings, eliminating the adapters that were previously necessary. This saves you money while simplifying the plumbing. By directly connecting to the pump, these fittings are perfect where space is of concern. Offered in both 45° and 90° styles to provide the flexibility in routing that you are looking for in sizes #10 and #12.

- For use with ProFlex™ and ProRace Hose (pages 4 & 5)



Size	Part #	Description/Thread	Part #	Description/Thread
-10	1220	45° 7/8" - 14 #10	1225	90° 7/8" - 14 #10
-10	1221	45° 1 1/16" - 12 #10	1226	90° 1 1/16" - 12 #10
-12	1222	45° 1 1/16" - 12 #12	1227	90° 1 1/16" - 12 #12



Radius Dry Sump Adapters

Russell Dry Sump Adapters are precision machined for precise thread engagement, featuring radius profiled angles at the port inlet/outlet. For use when connecting dry sump and fuel lines to pumps and tanks – available in black anodize with sizes to fit most popular pumps.

Part #	Description
7070	#8 Dry Sump Union
7071	#10 Dry Sump Union
7072	#10 - #12 Dry Sump Union
7073	#12 Dry Sump Union
7069	#12 - #16 Dry Sump Union



AN Thread Allen Plugs

Where space is of concern, the Russell AN Thread Allen Plug is your answer. Professionally clear anodized in sizes from #8 through #16. For use with o-ring seal ports.

Part #	Description	Threads	Qty/Pkg
6210	#8 Male AN Allen Plug	3/4" - 16	1
6211	#10 Male AN Allen Plug	7/8" - 14	1
6212	#12 Male AN Allen Plug	1 1/16" - 12	1
6213	#16 Male AN Allen Plug	1 5/16" - 12	1



Fuel Cell Bulkheads

Radius entry bulkheads provide unrestricted fuel flow out of the fuel cell and into the pump feed line. Fuel cell bulkheads are available in #6, #8, #10 and #12 AN sizes and come complete with Teflon® sealing washers and a jam nut.

Part #	Description Qty.
7085	#6 Fuel Cell Bulkhead
7086	#8 Fuel Cell Bulkhead
7087	#10 Fuel Cell Bulkhead
7088	#12 Fuel Cell Bulkhead

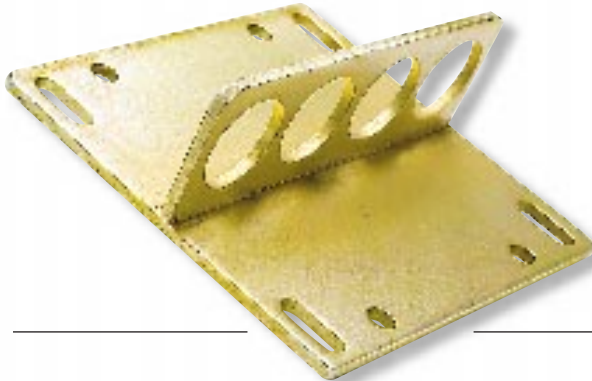
Accessories

Cushion Clamps

For the optimum method of securing hoses to frames or boat runners, mechanics choose Russell Cushion Clamps. The spring steel tab mount with the rubber covered hose loop provides a rigid vibration absorbing mount for hoses and/or tubing. Available to fit five different sizes of hose.



Part #	Application	Qty/Card
5097	Holds Hose # 4	10
5098	Holds Hose # 6	10
5099	Holds Hose # 8	6
5100	Holds Hose # 10	6
5101	Holds Hose # 12	6



Engine Lift Plate

Steel welded Lift Plate bolts on to most 2bbl and 4bbl (except 4500 Series) iron/aluminum manifolds. Rated at over 1,000 lbs. Will lift a complete big block with transmission. Features large lift ring holes for easy positioning.

Part #	Description
11059	Steel Lift Plate

Professional Ultra Tech™ Engine Lift Plate

Manufactured from the highest quality billet aluminum, the Ultra Tech™ Engine Lift Plate's unique one-piece construction ensures years of worry free service. Has no welds to fatigue from use. Designed to work with most 2bbl and all 4bbl iron/aluminum manifolds including 4500 Series carburetors. The thick 5/16" construction is rated at 1000 lbs. and features large lift ring holes. It is professionally finished in high luster red anodize and comes complete with hardware for attachment to the manifold.



Part #	Description
11060	Ultra Tech™ Aluminum Engine Lift Plate

Epoxy Chassis Paint

Russell Epoxy Frame Paint is formulated from the finest paint pigments available. It is combined with a modified formula to produce the same high gloss finish that until now has only been achieved by custom painters. The paint becomes chemically hardened during the drying process to achieve a finish that is highly resistant to both chipping and fuel discoloration.

- Aerosol can produces a fine mist pattern for professional results
- Available by the case or in individual cans
- Color: Black only

Part #	Quantity	Description
5144	12 per case	Black
5144-1	1 can - 11 oz.	Black

Performance Dress Up Sleeving Kits – Upper Hose

This is the perfect starter kit for the do-it-yourselfer that wants to dress up the looks of the hoses within the engine compartment without spending a fortune. Our Sleeving Kit comes complete with (1) 4 1/2 ft. of sleeving for the upper radiator hose, (1) 12 ft. length for two heater hoses, (1) 4 ft. length for the fuel line from the fuel pump to the carburetor, and (1) 5 ft. length to cover two vacuum hoses. Includes a full set of Tube Seal™ Hose ends to compliment the sleeving appearance.

- Tube Seal™ Hose Ends are available in red or blue anodize or high luster silver finish
- Hose clamps are not included
- For individual hose and Tube Seal™ Hose Ends, refer to page 51.



Part #	Application	Description
7790	Universal	FlexGuard Sleeving / Tube Seal Ends Red Anodize
7791	Universal	FlexGuard Sleeving / Tube Seal Ends Blue Anodize
7792	Universal	FlexGuard Sleeving / Tube Seal Ends Chrome Finish



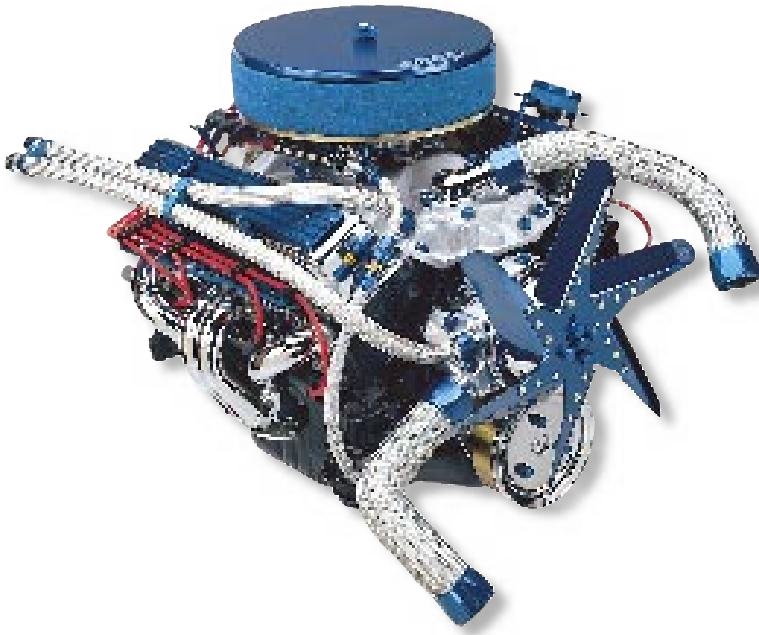
Professional Hose Sleeving Kits – Upper & Lower

For the performance enthusiast who wants to dress up the engine compartment hoses, this is the ultimate system. Kit includes the following: (1) 4 1/2 ft. of sleeving for upper radiator hose, (1) 3 ft. length for the lower radiator hose, (1) 12 ft. length for two heater hoses, (1) 4 ft. length for the fuel line from the fuel pump to the carburetor, and (1) 5 ft. length to cover two vacuum hoses. Includes a full set of Tube Seal™ Hose Ends for a finished appearance. The finishing result duplicates the look of stainless steel hoses and hose ends to create an engine compartment you can be proud to show!

- Tube Seal™ Hose Ends are available in red or blue anodize or high luster silver finish
- Hose clamps are not included
- For individual hose and Tube Seal™ Hose Ends, refer to page 51.

Part #	Application	Description
7785	Universal	FlexGuard Sleeving / Tube Seal Ends Red Anodize
7786	Universal	FlexGuard Sleeving / Tube Seal Ends Blue Anodize
7787	Universal	FlexGuard Sleeving / Tube Seal Ends Chrome Finish

Hose Sleeving



FlexGuard™ Hose Sleeving

FlexGuard™ Hose Sleeving is an economical way to dress up your engine compartment without the expense of stainless steel hose. It is designed for easy slip-over installation on existing hoses. FlexGuard™ Hose Sleeving delivers both appearance and added reliability. Used in conjunction with Russell Tube Seal™ Hose Ends to duplicate the appearance of professional racing hoses and fittings.

- Duplicates the appearance but not the cost of stainless steel braided hose
- Easily fits over existing hoses
- Fits hose sizes from 3/16" O.D. to 2 1/2" O.D.
- Easily cuts to length with scissors
- Sold in 3 ft. and 6 ft. lengths
- To be used in conjunction with Tube Seal™ Hose Ends (page 51)

O.D. Range	Application	Part # – 3' Pkg.	Part # – 6' Pkg.
3/16" - 3/8"	Vacuum Lines, Spark Plug Wires	1008AR	1008BR
1/2" - 7/8"	Fuel Lines, PCV Overflow Hoses	2008AR	2008BR
3/4" - 1 1/4"	Heater Hoses, P/S Hoses, A/C Lines	3008AR	3008BR
1 1/4" - 1 5/8"	Small Radiator Hoses	4008AR	4008BR
1 1/2" - 2"	Medium Radiator Hoses	5008AR	5008BR
2" - 2 1/2"	Large Radiator Hoses	6008AR	6008BR



TECH TIP: How To Install Sleeving

STEP 1: Unroll sleeving but do not cut before installation onto the hose.

STEP 2: Expand the sleeving by putting your finger inside and pushing toward your hand. Expand enough to cover your hose.

STEP 3: Slide sleeving onto your hose. Keep the sleeving expanded, working it down the hose slowly until it is completely covered. Run the sleeving approximately 1/2" past the end of the hose.

STEP 4: Wrap tape around the end of the hose to secure the sleeving. Pull the sleeving tight. Tape the other end. Now cut the sleeving from the roll using scissors. Trim both ends.

STEP 5: Take the Tube Seal™ ends, tighten hose clamp down as small as possible and insert inside of Tube Seal™, then open up clamp to expand Tube Seal™ and slide onto hose past the tape ends. Slowly remove the tape from the hose, slip over the fitting, slide the Tube Seal™ end into position, tighten securely.

Tube Seal™ Hose Ends

Tube Seal™ Hose Ends are designed to add that finishing hose end appearance with the ease of installation of a hose clamp.

- Available in sizes to fit from 1/4" vacuum hose to 1 3/4" radiator hose
- Offered in three choices of colors: red, blue and hi-luster silver anodize
- Includes hose clamps
- Use with FlexGuard™ Hose Sleeving (page 50) and ProFlex™ Hose (page 4)

TECH TIP: How To Install Hose Ends

Screw the worm gear closed and insert inside the socket. Reopen the clamp, expanding the tube seal, and slip over the hose assembly. Tighten onto the barb.



Red Anodize Finish



Hi-Luster Silver



Blue Anodize Finish

Part #	Hose Size ProFlex™	Hose Size FlexGuard™
2025	-4	1/4" Vacuum Hose
2026	-6	5/16" Fuel Hose
2027	-8	3/8" Fuel Hose
2019	-10	1/2" Heater Hose
2020	-12	-
2029	-14	5/8" Heater Hose
2021	-16	3/4" Heater Hose
2023	-24	1 1/2" Radiator Hose
2024	-32	1 3/4" Radiator Hose

Part #	Hose Size ProFlex™	Hose Size FlexGuard™
2225	-4	1/4" Vacuum Hose
2226	-6	5/16" Fuel Hose
2227	-8	3/8" Fuel Hose
2219	-10	1/2" Heater Hose
2220	-12	-
2229	-14	5/8" Heater Hose
2221	-16	3/4" Heater Hose
2223	-24	1 1/2" Radiator Hose
2224	-32	1 3/4" Radiator Hose

Part #	Hose Size ProFlex™	Hose Size FlexGuard™
2325	-4	1/4" Vacuum Hose
2326	-6	5/16" Fuel Hose
2327	-8	3/8" Fuel Hose
2319	-10	1/2" Heater Hose
2320	-12	-
2329	-14	5/8" Heater Hose
2321	-16	3/4" Heater Hose
2323	-24	1 1/2" Radiator Hose
2324	-32	1 3/4" Radiator Hose



Diameter	3' Length	10' Length	25' Length
3/16"	2905	2906	2907
5/16"	2908	2909	2910
1/2"	2911	2912	2913
3/4"	2914	2915	2916
1"	2917	2918	2919

Wrap-It™

For Maximum Wire & Hose Protection

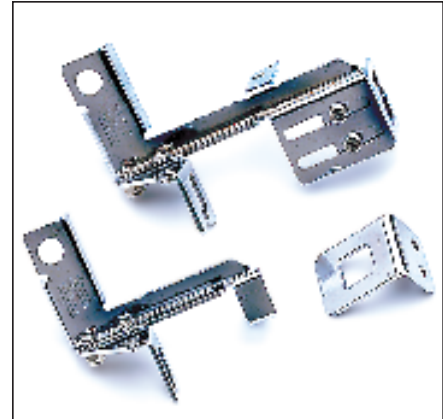
Wrap-It™ is a self-wrapping, lightweight oversleeve used as an outer protection for wires, wiring harnesses and hoses. Use it to cover any area that is at risk to chafing, cutting and abrading. The self-wrapping feature allows for quick and easy installation and removal for assembly and/or maintenance without the need for any special tools. To use, simply cut to length and wrap around the wires. Wrap-It™ recoils to its original shape instantly, wrapping itself snugly around wires or hoses while staying flexible for freedom of movement.

- Manufactured from woven polyester
- Rated up to 250° F
- Offered only in black
- Available in 5 different sizes to fit most applications

Accessories

Carburetor Throttle Brackets

Russell offers two unique carburetor throttle brackets, one will work on both vehicles with automatic or standard transmission, while the other is designed specifically for standard transmissions. They fit any brand of 2bbl or 4bbl carburetors on any vehicle. These brackets are particularly useful when changing to a non-stock aftermarket carburetor or on engine or transmission changeovers. The main advantage of these brackets over similar units is their high degree of adjustability. The automatic unit also provides for transmission kickdown cable.



Part #	Description
11068	Throttle Bracket-Chrome
11069	Throttle Bracket w/AT-Chrome

Ultra Tech™ Carburetor Throttle Bracket



Ultra Tech™ Throttle Brackets are ideal when changing to a non-stock, aftermarket carburetor or on engine/transmission changeovers. Engineered to work on vehicles with standard or automatic transmissions. It is manufactured from lightweight aluminum featuring a high degree of adjustability and is furnished with a double spring for precise throttle return. This unit provides for transmission kickdown cables on automatic transmissions. Available in red or blue anodize with Allen head fasteners for show appearance.

Part #	Description
11090	Throttle Bracket with Return Springs - Red
11091	Throttle Bracket with Return Springs - Blue

Spark Plug Dividers

Designed for the serious enthusiast, Russell's high tech Spark Plug Divider Brackets allow a positive way of routing plug wires away from hot exhaust systems. They are manufactured from 1/8" aluminum plate and are designed for a universal fit on any V8 application. Professionally anodized in red, blue or aluminum finishes.

Part #	Anodize Color	Description
4487	Red	Universal V8
4488	Blue	Universal V8
4489	Aluminum Finish	Universal V8



Center Bolt Spark Plug Wire Dividers



These spark plug wire dividers are specifically designed to fit 1987 and later small block General Motors centerbolt valve covers. They can be used with both front and rear mounted ignition systems and include all the necessary mounting hardware. Constructed from polished billet aluminum and available in three professional looking finishes of red, blue and clear anodize.

Part #	Description
11146	Spark Plug Wire Divider - Aluminum
11147	Spark Plug Wire Divider - Red
11148	Spark Plug Wire Divider - Blue

Bolt Covers

- Manufactured from deep drawn aluminum
- Available in red or blue anodize or chrome plated finishes
- Packaged in sets of 6

Part #	Description
12060	1/2" SAE or 12mm - Red
12061	1/2" SAE or 12mm - Blue
12062	1/2" SAE or 12mm - Chrome
12063	9/16" SAE or 14mm - Red
12064	9/16" SAE or 14mm - Blue
12065	9/16" SAE or 14mm - Chrome
12066	7/16" SAE or 10mm - Red
12067	7/16" SAE or 10mm - Blue
12068	7/16" SAE or 10mm - Chrome



Valve Cover Knurl Nut Sets

- Manufactured from billet aluminum
- Designed to fit almost all valve covers
- Includes a 3/16" Allen wrench and 1/4" threaded studs
- Available in either red or blue anodize
- Packaged in sets of 4

Application	Length	Anodize Red	Anodize Blue
Valve Cover Knurl Nut Set	3"	4415	4416



Valve Cover T-Bar Hold Downs

- Manufactured from aluminum bar stock
- Designed to fit any style valve cover
- Extra wide base adds additional sealing pressure
- 5" height will clear high profile valve covers
- Available in either red or blue anodize
- Packaged in sets of 4

Part #	Description
11070	Red Anodize
11071	Blue Anodize
11072	Aluminum Finish

Accessories



Radiator Caps

- Rated at 15 lbs.
- Aluminum cover is available in either red or blue anodize or chrome plated finishes

Part #	Description
4497	Radiator Cap 15# - Red
4498	Radiator Cap 15# - Blue
4499	Radiator Cap 15# - Chrome

Oil Filler Caps

- Designed to complement the Russell radiator cap
- Available in either red or blue anodized aluminum finishes

Part #	Description
11073	Oil Filler Cap - Red
11074	Oil Filler Cap - Blue



Valve Cover Breathers

- Manufactured from aircraft quality aluminum with a color keyed foam element
- Designed to work with any style valve cover
- Available in either red or blue anodized finishes



Part #	Description
11020	Valve Cover Breather - Red
11021	Valve Cover Breather - Blue

Vacuum Advance Covers

- Manufactured from deep drawn aluminum
- Designed to fit either round or hex style vacuum advance canisters
- Available in either red or blue anodize or chrome plated finishes

Part #	Description
12070	Vacuum Advance Cover - Red
12071	Vacuum Advance Cover - Blue
12072	Vacuum Advance Cover - Chrome



For Routine Maintenance

Rebuild Kit For Ultra Flow Regulators

When rebuilding an Ultra Flow™ or Ultra Flow II™ fuel pressure regulator, Russell offers a handy replacement Rebuild Kit. All the internal components needed for a rebuild are included: gaskets, diaphragm and springs. Annual replacement is recommended if the regulator is used with alcohol. Reference page 38.



Part #	Description	Application
4525	Ultra Flow™ Rebuild Kit	Use with regulator #4532, #4533, #4526, #4527

Brake Line Washers

When changing brake pads, always replace the sealing washers that are used with Russell's Street Legal™ brake lines. Washers are sold 10 per package.



Part #	Description
8398	10mm - 3/8 Brake Line Washers
8399	12mm - 7/16 Brake Line Washers

Carburetor Fitting Sealing Washers

When servicing or rebuilding a carburetor, always replace the old washers with new ones. Reference page 44 on Carburetor Fittings. Sold 2 per package.



Part #	Description	Application
4521	Sealing Washers	Use with #4020, #4023 fittings
4522	Sealing Washers	Use with #4021, #4022 fittings
4523	Sealing Washers	Use with #4024, #4027 fittings

Viton O-Rings

Replacement o-rings for use with dry sump fittings, straight threaded AN plugs and flare unions. Sold in quantities of 10 per package.



Part #	Description
5103	-4 Viton O-Rings
5104	-6 Viton O-Rings
5105	-8 Viton O-Rings
5106	-10 Viton O-Rings
5106	-12 Viton O-Rings
5107	-16 Viton O-Rings

Fuel Filter Replacement Seals

Internal replacement seals are available for Russell competition & Profilter fuel filters. Reference filters on page 37.



Part #	Description	Qty/Pkg
5016	Replacement Seals for all Competition Filters	2
4899	Replacement Seals for all Profilters	3



RUSSELL PERFORMANCE PRODUCTS

225 Fentress Blvd. • Daytona Beach, FL 32114
Phone: (904) 253-8980 • Fax: (904) 253-8920

E-Mail: techsupport@russellperformance.com

Technical Support: 1 (800) 217-3701

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Visit Our Website: www.russellperformance.com

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