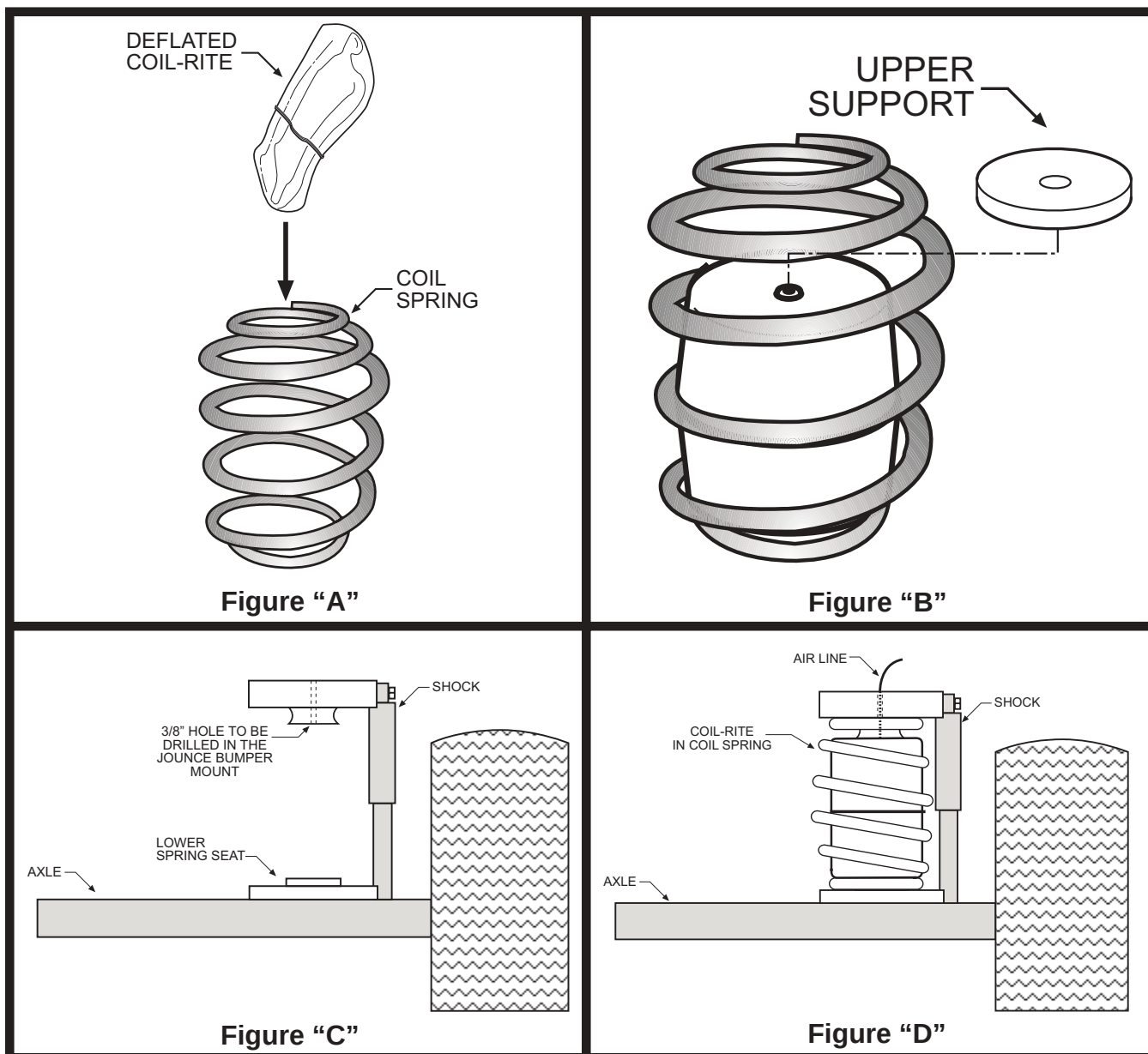




Read installation instructions completely before installing your Coil-Rite Air Helper Springs.



PARTS	QTY.	RECOMMENDED OPERATING PRESSURES	
AIR SPRINGS	2	SUV's	5 - 35 PSI
UPPER SUPPORTS	2		
18' AIR LINE	1		
NYLON TIE	6		
INFLATION VALVE	2		
5/16" FLAT WASHER	4		

Step 1 – Vehicle Preparation

Remove the negative battery cable. With the vehicle on a solid level surface, chock the front wheels. Using a jack rated for the weight of your vehicle, raise the wheels off the ground. Lower the vehicle frame onto jack stands rated for the vehicle weight, making sure the suspension is fully extended. (Do not use wood or concrete blocks to support the vehicle.)

Step 2 – Remove the Coil Spring

Put a jack under the axle on the left side of the vehicle. Remove the lower bolt from the shock absorber. Lower the axle until the coil spring can be removed. **Caution: DO NOT put tension or strain on the flexible brake line.** Remove the jounce bumper located in the coil spring. The jounce bumper will not be reused. Drill a 3/8" hole in the center of the jounce bumper mount for the air line to pass through. **See Figure "C".**

Step 3 – Install the Air Spring

Deflate the Coil-Rite air spring and place it inside the coil spring with the air fitting pointing up. Next, place the upper support on top of the Coil-Rite (**Figure "A" & "B"**). Cut the air line into to equal lengths, making sure the ends are cut as squarely as possible (a "sawing" motion with a razor blade is preferred). Route the air line through the box frame and out through the center of the jounce bumper retainer. Push one end of the air line into the fitting on the air spring.

Step 4 – Reinstall the Coil Spring

Reinstall the coil spring with the Coil-Rite on the vehicle. Pass the excess air line through the hole drilled into the jounce bumper retainer. Reattach the bottom of the shock absorber and tighten the bolt to manufacturers' specifications. **See Figure "D"**. Please see heat shield notice for installation of heat shield.

For installation on the right side, repeat Steps 2 through 5.

Step 5 – Install the Inflation Valves

Choose a location to mount the inflation valves, this should be a protected location such as the rear bumper. Drill two 5/16" holes and pass the valves through and tighten the nuts. **See Figure "F"**.

Step 6 – Route the Air Line

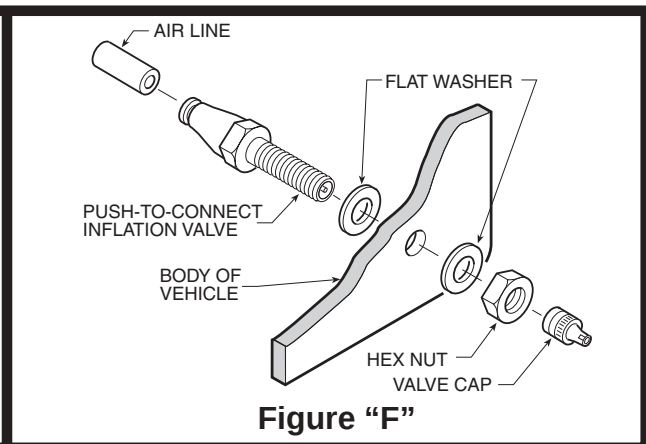
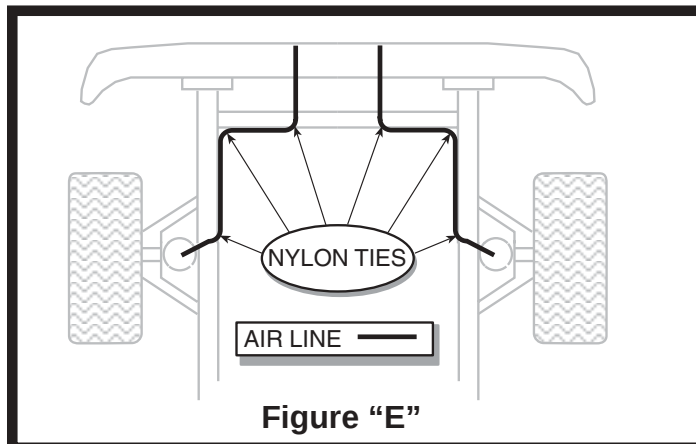
Route the air line from the air springs to the inflation valves (**Figure "E"**). Avoid any sharp edges or hot surfaces as well as sharp angles. The air line can be secured with the nylon ties provided. Cut off any excess air line using the method mentioned above and push the end as far as possible into the inflation valve.

Step 7 – Inflate and Test

Inflate the air springs to recommended maximum operating pressure (see page 1 for operating pressures). With a soap and water solution, check for air leaks around the fittings and valve core. Inflate and deflate in small increments to find the ideal riding conditions for your vehicle.

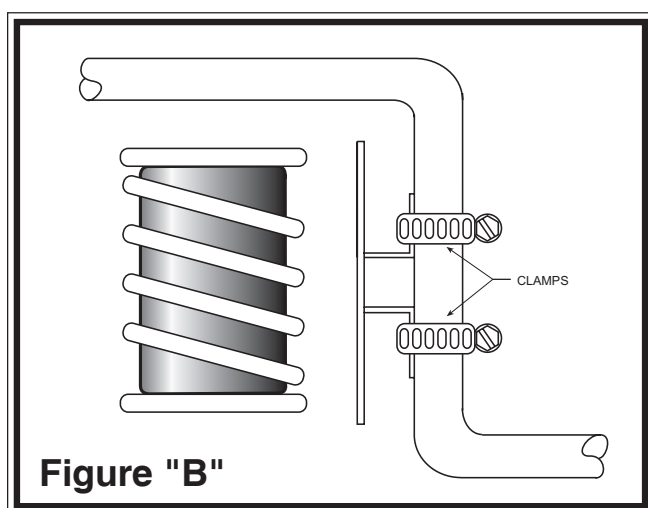
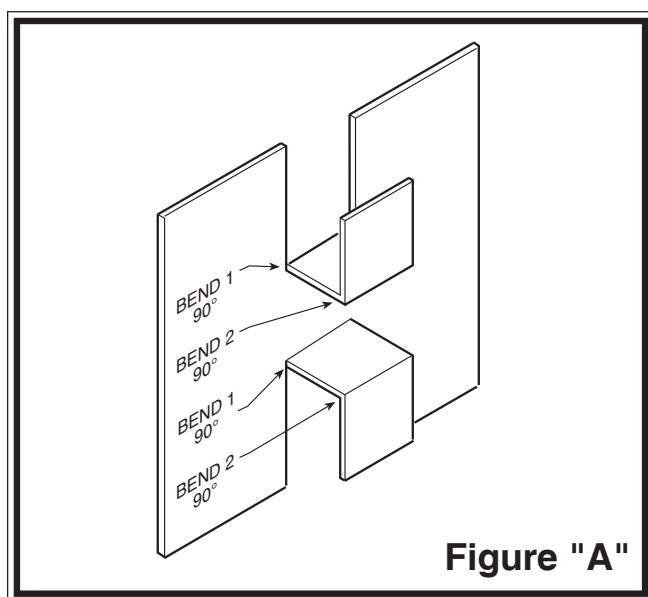
Step 8 – Completion

Raise the vehicle, remove the jack stands, and lower the vehicle to the ground. Reattach the battery cable.



PARTS LIST

DESCRIPTION	QTY.
HEAT SHIELD	1
CLAMPS	2



EXHAUST CLEARANCE MODIFICATION

The exhaust clearance from the air spring should be no less than 2 inches. If necessary, loosen the exhaust clamps and rotate the the exhaust pipe to obtain additional clearance. Tighten the exhaust clamps after rotation.

STEP 1

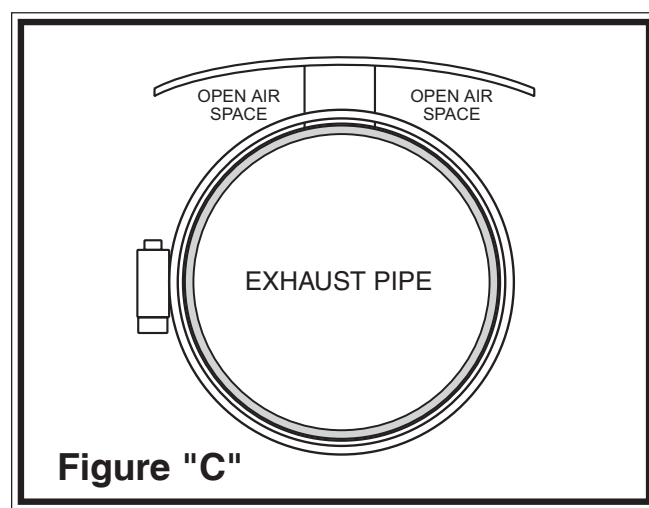
Bend the heat shield middle tab out at a 90 degree angle and bend the heat shield again half the distance up the tab at a 90 degree angle to form a "L" shape refer to *Figure "A"*.

STEP 2

Mount the heat shield between the air spring and the exhaust pipe. Mount the heat shield using the clamps provided see *Figure "B"*. ***Maintain clearance between heat shield and moving axle, lines, etc...***

STEP 3

Bend the heat shield around the exhaust pipe, while allowing for open air space of 1/2" to 1" as shown in *Figure "C"*.





Do Not Return This Product to the Dealer or Distributor

If you are

- missing parts,
- experiencing installation problems, or
- have technical concerns regarding this product,

you may contact a Firestone Technical Service Representative at rrtech@fsip.com or at 800-888-0650 (option 1, and then option 2). Representatives are available from 7:30 a.m. – 4:30 p.m. Eastern on Monday – Friday, excluding holidays. If you are located outside of the United States, you should first contact your distributor or dealer directly with any issues.

When contacting Technical Service, please have the kit or part # ready, along with the make, model, and year of the vehicle. You may also need to provide details, such as 2WD/4WD or if the vehicle has been lifted or lowered from stock height.

If you have a warranty concern, please include in your email a detailed description of the situation, a photo(s) of the issue, and your contact information, including ship-to address.

WARRANTY COVERAGE*— The Ride-Rite™ kits, components, and accessories are warranted against defects in workmanship and materials. This warranty does not cover service or labor charges, neglect...to the product.

PERIOD OF COVERAGE:

- | | |
|---|---|
| • Ride-Rite air springs – Lifetime Limited | • Work-Rite load assists – 2 Years Limited |
| • Sport-Rite air springs – Lifetime Limited | • Air-Rite accessories – 2 Years Limited |
| • Coil-Rite air springs – Lifetime Limited | • Brackets, hardware, fittings, air line, and other |
| • Level-Rite air springs – Lifetime Limited | components – 2 Years Limited |

HOW TO MAKE A WARRANTY CLAIM — If you purchased your air springs in the U.S. or Canada and believe you have a part with a warrantable defect, call Firestone directly at 1-800-888-0650.

International customers should contact their distributors or dealers directly with any problems.

(*) Please refer to the “Firestone Limited Lifetime Air Spring Warranty” for details, terms, and conditions.

FIRESTONE LIMITED LIFETIME AIR SPRING WARRANTY

Firestone Industrial Products Company LLC ("Firestone") warrants that its Ride Rite Air Spring Assembly will perform according to the manufacturer's specifications for as long as the vehicle on which the system was originally installed is owned by the original retail purchaser. This limited warranty does not include installation or other service charges for replacement.

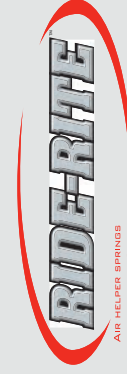
Warranty Period

The Air Spring is warranted for as long as the original purchaser owns the vehicle on which it was originally installed. The fasteners and upper and lower brackets which accompany the air spring are warranted for a period of twenty-four (24) months or 24,000 miles whichever occurs first. This warranty begins on the original retail delivery date.

What is Covered

Any implied warranties are limited in duration to the coverage period of this warranty (some states do not allow limitation on how long an implied warranty lasts so the above limitation may not apply to you). This Warranty runs in favor of the original retail purchaser when the Ride Rite Air Spring Assembly is used under normal operating conditions according to Firestone's specifications and installed on the appropriate application. This warranty does not apply to Ride Rite Air Spring Assemblies that have been improperly applied, improperly installed, used in racing or off road applications or used for commercial purposes. In addition, the warranty will not apply to products which have not been maintained and serviced according to the instructions that accompany the air spring assembly. The consumer will be responsible for any costs incurred in removing the product from the vehicle and the cost to return the air spring assembly to the dealer or installer from which it was purchased. If it is determined that the Ride Rite Air Spring Assembly failed as a result of a manufacturing defect, Firestone will repair or replace, at its option, any product or components subject to this warranty. You should retain a copy of your contract with your installer and your receipt as proof of the date of installation. This warranty is non-transferable and is not assignable in any way.

Firestone specifically excludes any obligation for consequential damages or incidental expenses including claims for loss of use of the product, loss of time, inconvenience, or commercial loss. This warranty gives you specific legal rights. You may also have other rights that may vary from state-to-state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages. The above limitation or exclusion may not apply to you. There are no warranties, express or implied, including implied warranty of merchantability and fitness which extend beyond this warranty.



Firestone
World's Number 1
Air Spring.



FIRESTONE INDUSTRIAL PRODUCTS COMPANY