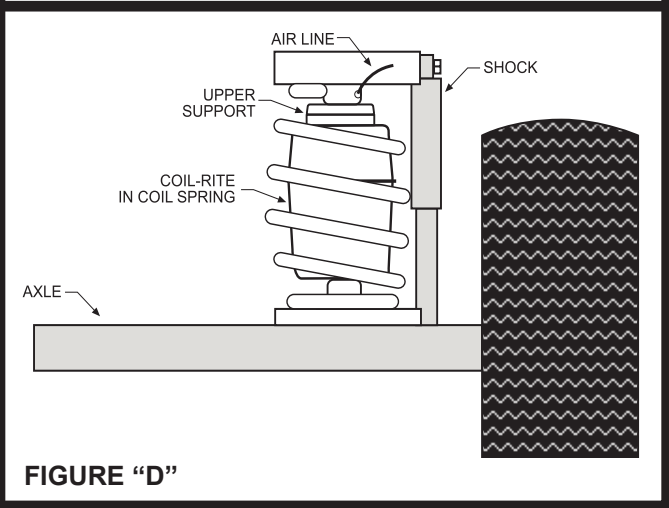
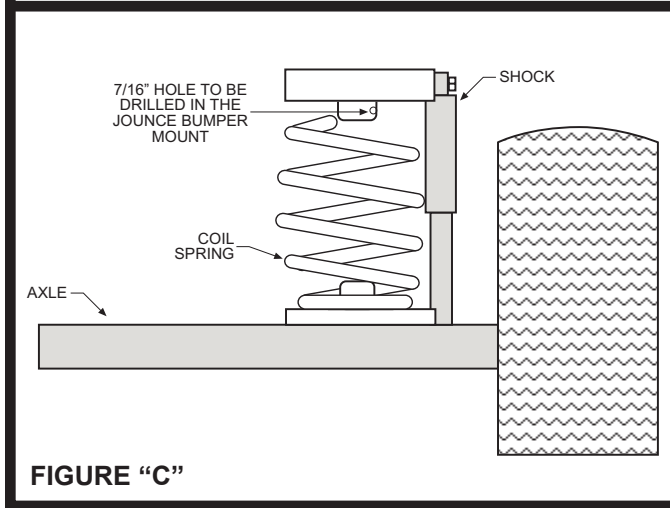
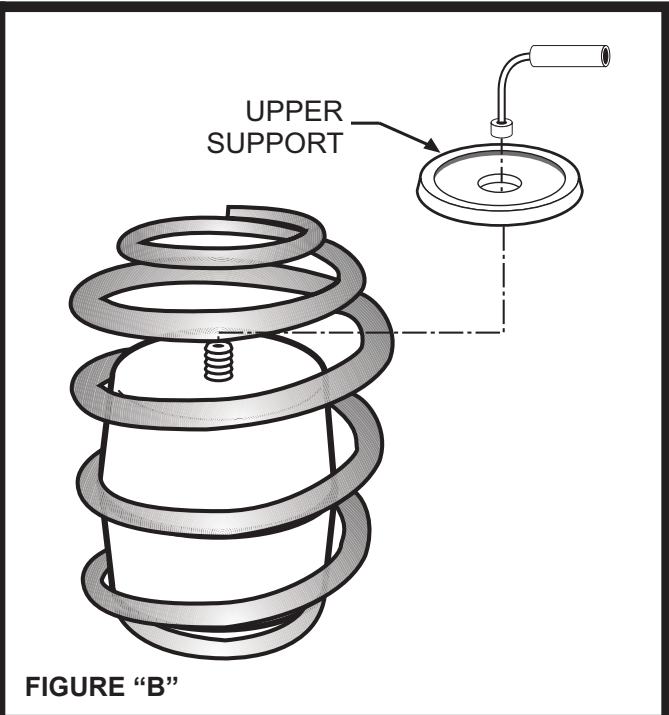
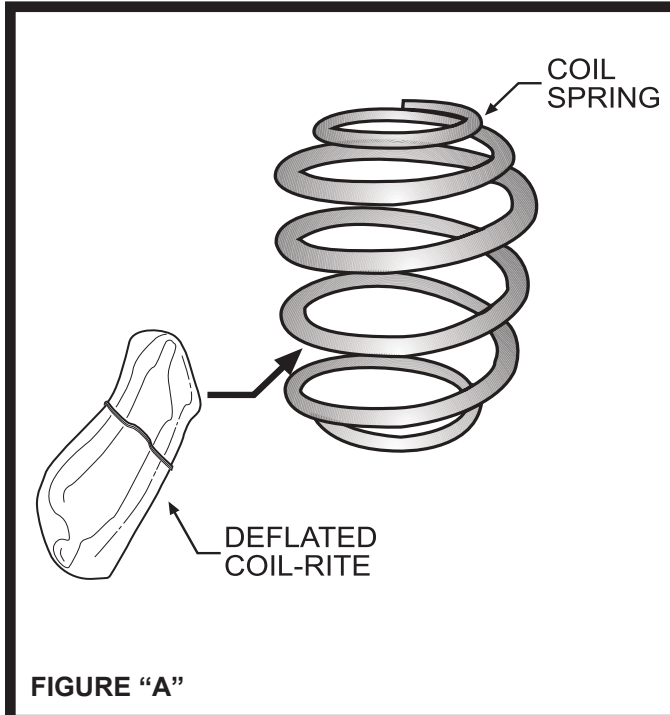




**Read installation instructions completely before installing your Coil-Rite Air Helper Springs.**



<b>PARTS</b>	<b>QTY.</b>	<b>RECOMMENDED OPERATING PRESSURES</b>	
AIR SPRINGS	2	SUV'S	5 - 35 PSI
SANTA FE UPPER SUPPORTS	2	VANS	5 - 35 PSI
18' AIR LINE WITH FITTINGS	1		
NYLON TIE	6		
INFLATION VALVE	2		
5/16" FLAT WASHER	4		

### **STEP 1 VEHICLE PREPARATION**

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

### **STEP 2 SHOCK ABSORBERS**

To obtain additional clearance between the coils turns obtained by removing the shock absorbers lower bolt and lowering the suspension and additional one to two inches. (**CAUTION:** Do not put strain or tension on the flexible brake line.)

### **STEP 3 AIR SPRING PREPARATION**

Remove the inflation valve cap from the inflation valve on the air spring. Using the valve cap from the inflation valve as a core tool from the inflation valve, remove the inflation valve core from the air spring. Exhaust the air spring by pushing it flat then re-insert the valve core back into the air spring to keep it collapsed.

### **STEP 4 INSTALLING THE AIR SPRING**

Insert the flattened air spring into the coil spring with the inflation valve at the top as shown.

### **STEP 5 ADJUSTING THE AIR SPRING**

Push the air spring up into the coil spring by hand or with a blunt tool. **DO NOT** use anything with sharp edges or corners as this may damage the air spring.

When the air spring is completely within the coil spring, remove the valve core to let the air back into the air spring. Allow the air spring to return to its normal shape. Place the upper protectors on top of the spring.

Cut the air line tubing into two equal lengths (cut the tubing as squarely as possible). Screw the elbow fitting with the tubing onto the inflation valve fitting coming out of the air spring.

### **STEP 6 ROUTE THE AIR LINE**

Select a location for the inflation valves in a protected area, such as the bumper Note: The inflation valve will be installed in the next step.

Route the tubing from the air spring to the anticipated location of the of the inflation valve, making sure to avoid direct heat from the engine, exhaust pipe and away from sharp edges. Secure the air line with Nylon ties that are provided in your kit.

### **STEP 7 INSTALL THE AIR LINE AND INFLATION VALVE**

Select a location on the vehicle for the air inflation valves. The location can be located on the bumper on the body of the vehicle, as long as it is in a protected location so the valve will not be damaged, but maintain accessibility for the air chuck. Drill a 5/16" hole and install the air inflation valve using two 5/16" washers per valve as supports.

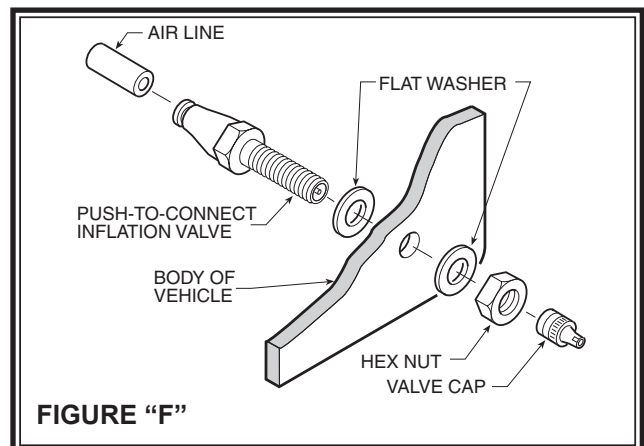
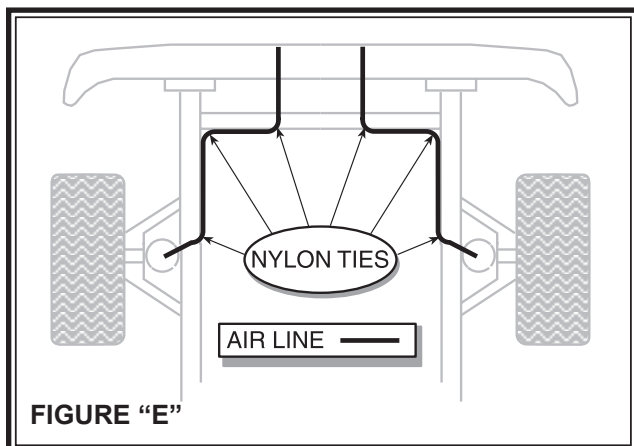
### **STEP 8 INFLATE AND TEST**

Inflate the air springs to recommended operating pressure. With a soap and water solution, check for air leaks around the fittings and valve core. We recommend inflating and deflating in five psi increments to find the ideal riding condition for your truck.

### **STEP 9 COMPLETION**

Re-attach the shocks if necessary and the wheels. Torque all nuts and lug nuts to manufacture's specifications. Raise the vehicle and remove the jack stands and lower the vehicle back onto the ground. Reattach the battery cable.

**NOTE: Check air pressure on a monthly basis.**





# 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](mailto: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 components – 2 Years Limited |
| • Level-Rite air springs – Lifetime 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.

## **WARRANTY QUESTIONS**

Go to [www.riderite.com/installation-support](http://www.riderite.com/installation-support)  
Select “Warranty Info” tab