

**This kit requires 7 1/2"  
between the tire and frame.**

**WARNING:**

Do not inflate this assembly when it is unrestricted. The assembly must be restricted by the suspension or other adequate structure. Do not inflate beyond 100 P.S.I. Improper use or over inflation may cause property damage or severe personal injury.

### INSTALLATION INSTRUCTIONS

Congratulations - your new air helper springs are quality products capable of improving the handling and comfort of your vehicle. As with all products, proper installation is the key to obtaining all of the benefits your kit is capable of delivering. Please take a few minutes to read through the instructions to identify the components and learn where and how they are used. It is a good idea to start by comparing the parts in your kit with the parts list below.

The heart of the kit is, of course, the air helper springs. Remember that the air helper springs must flex and expand during operation, so be sure that there is enough clearance to do so without rubbing against any other part of the vehicle.

Be sure to take all applicable safety precautions during the installation of the kit. The instructions listed in this brochure and the illustrations all show the right side of the vehicle. To install the left side assembly simply follow the same procedures.

Your kit includes separate inflation valves and air lines for each air helper spring. This will allow you to level your vehicle from side to side as well as from front to back. If you would rather have a single valve inflation system, your dealer can supply the required T-fitting.

**IMPORTANT!**

*For your safety and to prevent possible damage to your vehicle, do not exceed the maximum load recommended by the vehicle manufacturer (GVWR). Although your air helper springs are rated at a maximum inflation pressure of 100 P.S.I., this pressure may allow you to carry too great a load on some vehicles. Check your vehicle owner's manual for maximum loads listed for your vehicle.*

*When inflating your air helper springs, add air pressure in small quantities, checking pressure frequently during inflation. The air spring requires much less air volume than a tire and, therefore, inflates much quicker.*

### PARTS LIST

267C AIR SPRING	6781	2	3/8" SPECIAL WASHER	4
LEFT UPPER BRACKET	5429	1	3/8"-16 X 1 1/2 HEX BOLT	4
RIGHT UPPER BRACKET	5430	1	5/16" FLAT WASHER	4
LOWER BRACKET	5426	2	PUSH TO CONNECT	
BRACKET STRAP/SHIM	5086	2	INFLATION VALVE	3032
18 ft. TUBING	0938	1	PUSH TO CONNECT	
3/8"-16 X 7" CARRIAGE BOLT		4	ELBOW FITTING	3031
3/8"-16 FLANGE LOCK NUT		12	THERMAL SLEEVE	0899
3/8"-16 X 3/4" FLANGED HEX BOLT		2	NYLON TIE	6

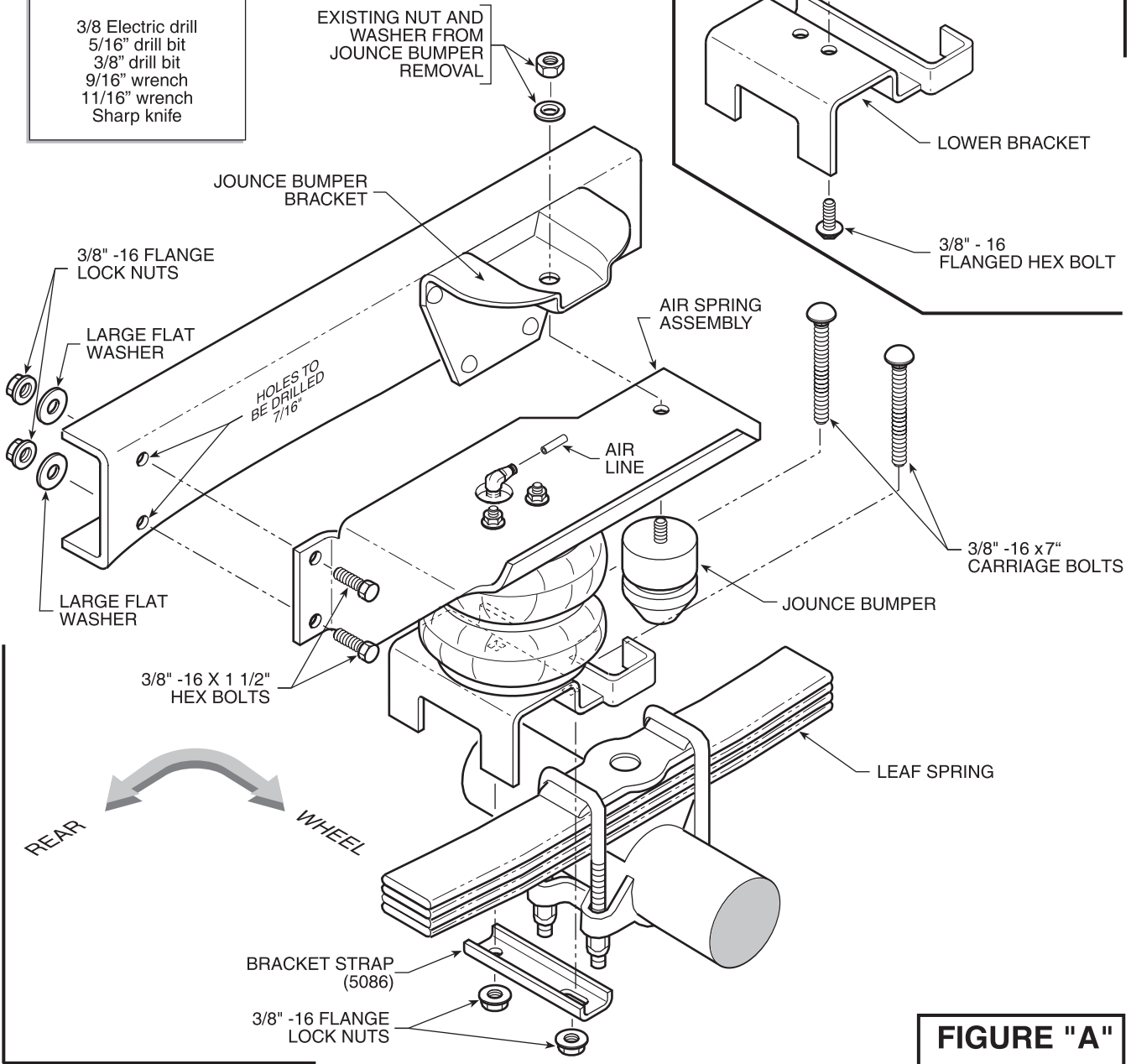
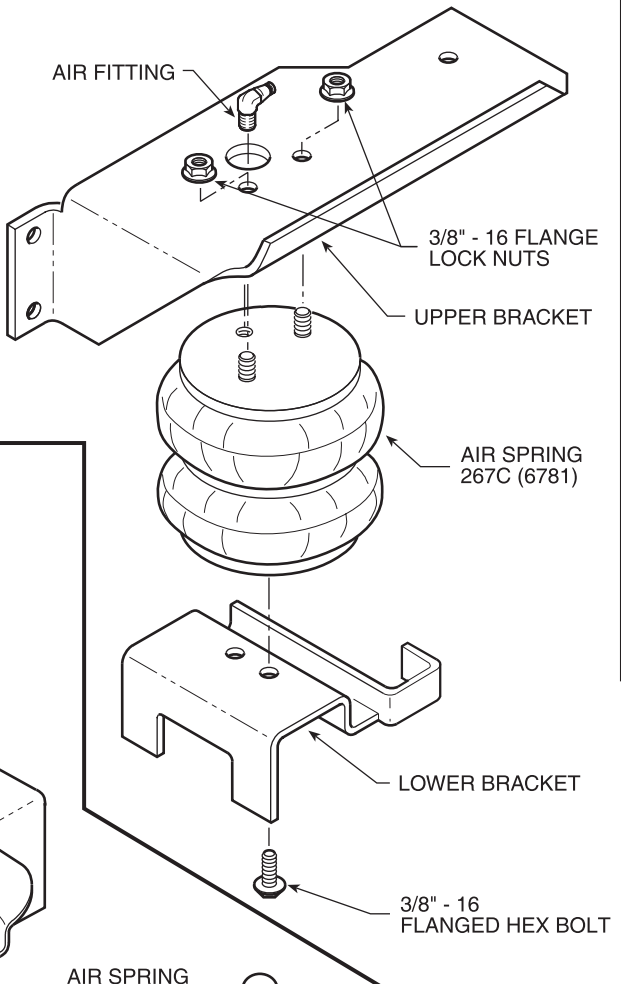
**KIT ASSEMBLY**

**NOTE:** Both illustrations are of the right side of the vehicle. Reverse any orientations when assembling and installing the left side of the vehicle.

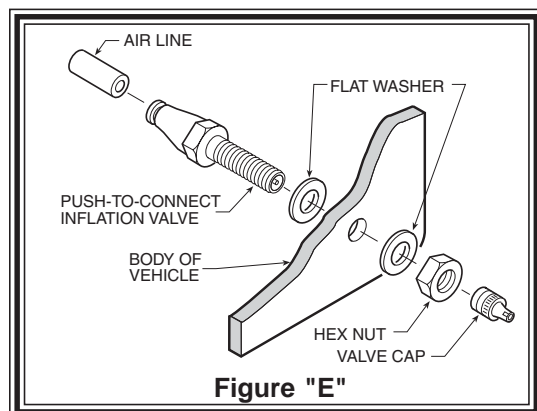
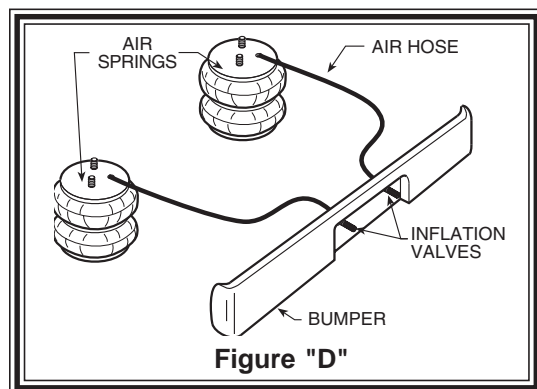
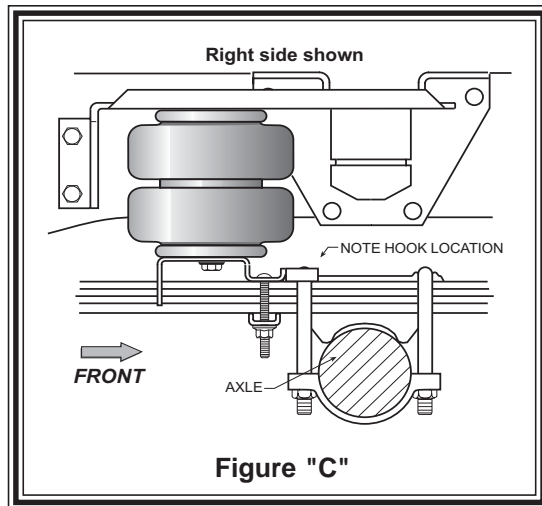
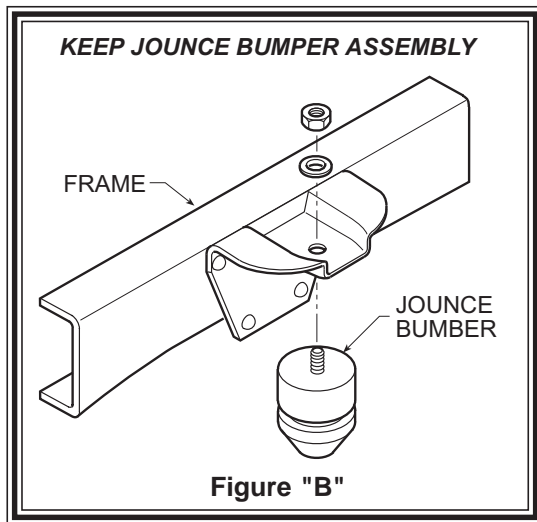
**KIT TO FRAME ASSEMBLY**

**REQUIRED TOOLS FOR INSTALLATION:**

- 3/8" Electric drill
- 5/16" drill bit
- 3/8" drill bit
- 9/16" wrench
- 11/16" wrench
- Sharp knife



**FIGURE "A"**



### STEP 1 - PREPARE THE VEHICLE

With the vehicle on a solid, level surface chock the front wheels. Raise the vehicle by the rear axle and remove the rear wheels. After the removal of the wheels lower the vehicle so the axle rests on jack stands rated for your vehicles weight. Make sure the negative battery cable is disconnected from the battery.

### STEP 2 - PREASSEMBLE THE RIDE-RITE KIT

Select one air helper spring from your kit and an upper bracket. Align the studs on the air spring with the holes on the upper bracket making sure the air inlet hole can be seen through the slot in the upper bracket *see Figure "A"*. Use the 3/8"-16 flange lock nuts to secure the upper bracket to the air spring. Install the elbow fitting into the air spring through the large access hole in the upper bracket. Tighten the air fitting securely to engage the orange thread sealant. Position the fitting to point to the anticipated location of the air inflation valves. Position the lower bracket as shown in *Figure "A" & "C"* utilizing the outside hole, fasten the lower bracket to the air helper spring using a 3/8"-16 flange bolt (*finger tight*).

### STEP 3 - PRE-FIT MARK AND DRILL HOLES

Remove the jounce bumper from the bracket on the side of the frame rail as shown in *Figure "B"*. Make sure to keep the jounce bumper and all attaching components. These parts will be used later in this step. Set the air spring assembly onto the leaf stack and align the hole in the upper bracket with the hole from the jounce bumper removal refer to *Figure "A"*. Re-install the jounce bumper using all original components, this will attach the upper bracket to the jounce bumper bracket (tighten). With the upper bracket securely in place using a center punch mark the two holes that will be drilled on the frame rail. The upper bracket flange will work as a template for marking the holes to be drilled. ***Before drilling the holes make sure all electrical, brake and fuel lines are cleared from the path of the drill.*** Damage to lines can be avoided by inserting a piece of wood between the frame rail and any lines in the path of the drill. Drill the two holes in the frame rail using a 3/8" drill bit *see Figure "A"*.

### STEP 4 - INSTALLATION TO THE VEHICLE

After drilling the holes in the frame rail install the 3/8"-16 x 1 1/2" hex bolts through the upper bracket holes and the holes that were drilled in the frame rail. Next fasten the upper bracket to the frame rail using the 3/8"-16 flange lock nuts and special flat washers to the back side of the frame rail refer to *Figure "A"*. The next step is to attach the lower bracket to the leaf spring assembly. Insert (2) of the 7" carriage bolts making sure the lower bracket hook captures the forward "U"-bolt. The carriage bolts should straddle the leaf stack refer to *Figure "A" & "C"*. Slide the bracket strap onto the carriage bolts as to clamp the lower bracket to the leaf stack *see Figure "A" and "C"*. Fasten using the 3/8"-16 flange lock nuts. Tighten the 3/8"-16 flange bolt that holds the air spring to the lower bracket using an open end wrench.

