

Figure "B"

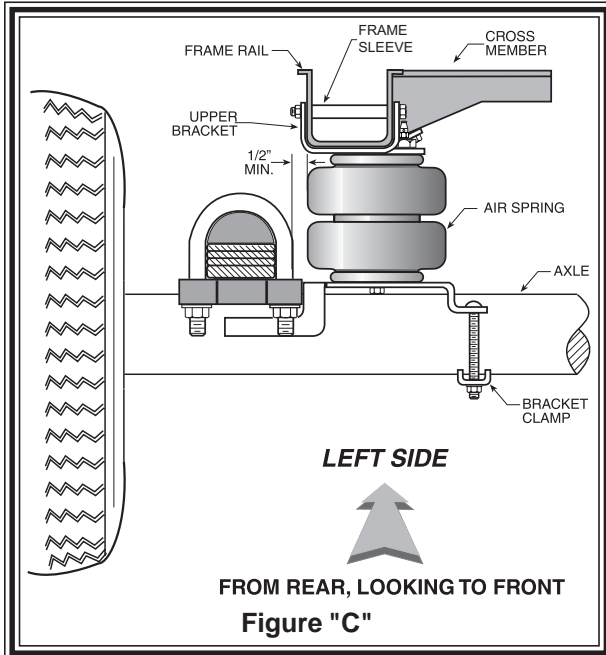


Figure "C"

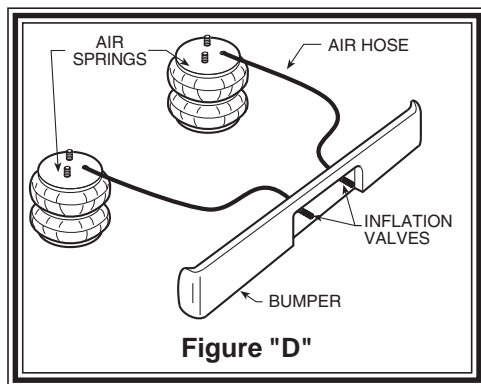


Figure "D"

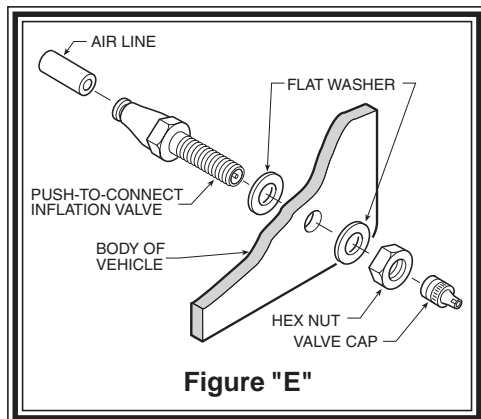


Figure "E"

NOTE: Please read through this manual completely before installing the air spring kit to your vehicle. All illustrations reference the left side of the vehicle. Reverse all orientations for the right side.

STEP 1 - PREPARE THE VEHICLE

It is not necessary to raise the vehicle for installation. However, if you do, chock the front wheels and use jack stands rated to your vehicles weight. Remove the negative battery cable.

Remove the 1 1/4" studs that are along the axle on both sides of the vehicle. (see Figure "A") Remove the vehicle's existing rubber jounce bumpers.

STEP 2 - UPPER BRACKET INSTALLATION

Install the left upper bracket marked "5513" onto the left frame rail, aligning the holes on the rear of the bracket with the existing holes on the frame (see Figure "A"). Using the holes in the bracket as a template and a center punch, mark the rearward holes. Remove the bracket from the frame and drill a 1/2" hole on the outside of the frame and a 5/16" hole on the inside of the frame. Next, enlarge the existing forward hole on the outside of the frame to 1/2".

Next, reinstall the upper bracket onto the frame. Insert two of the frame sleeves into the 1/2" holes on the outside of the frame, as shown in Figure "A". Insert the 5/16" X 3 1/2" hex bolts into the small holes on the inside of the frame. Install a 5/16" washer and 5/16" hex nut on the outside of the frame and tighten. See Figure "A".

STEP 3 - LOWER BRACKET INSTALLATION

Preassemble one air spring and the lower left bracket. Bolt the air spring to the bracket with the supplied 3/8"-16 X 3/4" hex bolt. Install the preassembly onto the axle at a 45° angle between the leaf stack and the differential making sure that the lower bracket flanges extend under the leaf spring support casting (see Figures "A" & "C"). Roll the lower bracket into place until it is firmly seated on the axle tube. Using the supplied 3/8"-16 X 3 1/2" carriage bolt, bracket clamp, and 3/8"-16 flange lock nuts, secure the lower bracket to the axle tube on the side closest to the differential and tighten down. Align the air spring with the upper bracket and secure to the upper bracket with the supplied 3/8"-16 flange nuts. Install the male connector into the air spring and tighten to engage the orange thread sealant (see Figure "A").

Using the support flange of the lower bracket as a template, drill a 3/8" hole into the shock mount. Fasten the bracket to the shock mount using a 3/8"-16 X 1" hex bolt and nut. See Figures "A" & "B".

STEP 4 - INSTALLATION OF THE RIGHT SIDE

Follow steps 1-3 with reverse orientations for assembly and installation of the right side.

