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INSTALLATION INSTRUCTIONS

All work should be carried out in a properly equipped workshop with due regard to Health and Safety Regulations. No further reference to Health and Safety Regulations will be made, but they must be considered at all times.

The kit should be opened and the contents checked against the parts list provided.

Identify the various components and familiarise yourself with them using drawings and information provided.

WARNING

Do not inflate this assembly when it is unrestricted. When installed, a minimum of 5 psi should be maintained in the air bellows at all times to avoid damage. Do not inflate beyond 45psi.

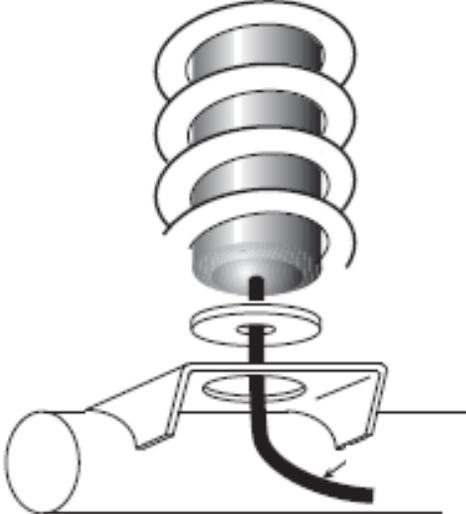
IMPORTANT

This kit is not designed to increase the GVW of your vehicle. For your safety and to prevent possible damage to your vehicle, do not exceed the maximum load recommended by the vehicle manufacturer.

For the best ride, use only enough air pressure in the springs to level the vehicle; this amount will vary depending on the load. It is recommended to deflate and inflate in small increments to find the ideal pressure for your vehicle.

Air pressure should be checked frequently and maintained between 5 and 45 psi.

Damage to units may occur if pressure is too low.

<p>Cut a section of air line tubing 3 inches in length and install into the push-to-connect fitting on the air spring. Exhaust the air from the air spring by rolling it up toward the air inlet. Install the plug into the tubing coming out of the air spring.</p>	 <p>A line drawing of an air spring. It consists of a central cylindrical body with a coil spring wrapped around it. A push-to-connect fitting is attached to the side of the central body. A small tube extends from the fitting, and a plug is shown inserted into the end of this tube. The text 'AIR INLET' is written next to the fitting with a line pointing to it.</p>
<p>Insert the flattened air spring into the coil spring through the lowest opening with the push-to-connect air inlet at the bottom of the coil spring</p>	
<p>Push the air spring up into the coil spring by hand or with a blunt tool, such as a spoon shaped tire iron or 1/2" extension. Do NOT use anything with sharp edges or corners as this may damage the air spring.</p>	 <p>A line drawing showing the air spring being pushed up into the coil spring. The air spring is shown as a grey cylinder with a black tube extending from its bottom. The coil spring is shown as a series of grey rings. A blunt tool, resembling a spoon-shaped tire iron, is shown pushing the air spring up into the coil spring. The tool is positioned at the bottom of the air spring, and its curved end is pressing against the bottom of the air spring to push it upwards.</p>
<p>When the air spring is completely within the coil spring, remove the plug and short piece of air line by pushing the collar of the fitting towards the air spring. Cut the air line tubing into two equal lengths (cut the tubing as squarely as possible). Place one length of tubing in one of the air springs and run the tubing through the spacer and down through the hole in the bottom of the axle Allow the air spring to return to its normal shape. Push the air spring to the top of the coil spring. Insert a spacer on the top.</p>	 <p>A photograph showing a person's hand adjusting a blue air spring on a vehicle's axle. The air spring is a blue cylindrical component with a black tube extending from its bottom. The hand is shown pushing the air spring up into the coil spring. The background shows the vehicle's chassis and other components.</p>

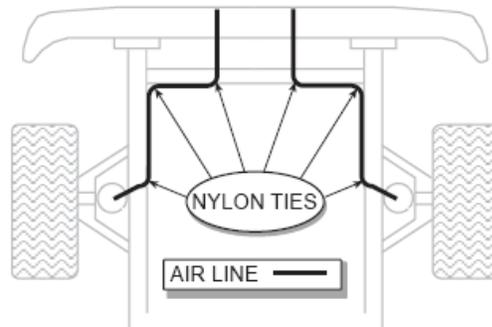
Insert another spacer on the top as shown.



Select a location for the inflation valves in a protected area, such as: on the bumper or body (Note: The inflation valve will be installed in the final step). Route the air line from the air spring to the desired inflation valve location.



With the tubing routed from the air spring to the location of the inflation valve. Use the nylon ties supplied to secure the air line tubing to the vehicle as shown. Be careful to avoid heat and sharp edges when fastening the tubing to the vehicle. Route the tubing away from the exhaust system.

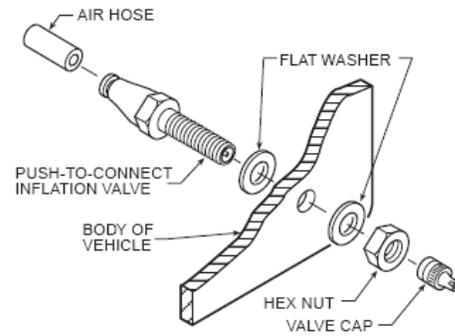


Drill a 5/16" hole where you wish to mount the inflation valve. Remember to keep the inflation valve in a protected area that is easily accessible.

Attach the inflation valve to the bumper or body of the vehicle as shown. Tighten all nuts at this time.

Cut the excess air line tubing so that it will fit easily into the inflation valve, making sure the end is cut squarely.

Push the end of the tubing into the inflation valve as far as possible.



Inflate the air springs to recommended maximum operating pressure. With a soap and water solution, check for air leaks around the fittings and valve core.

We recommend inflating and deflating in 5 p.s.i. increments to find the ideal riding condition for your vehicle.

Attach the air tubing to the vehicle securely using nylon ties, making sure the tube is well clear of any sharp edges or sources of heat, with sufficient slack to allow suspension movement.

Do not attach to brake lines.