

FEATURED PRODUCT

Red and Blue Bulk Rubber Air

- Heavy-Duty EPDM Rubber Air Brake Hose
- 4-Spiral Polyester Reinforced Rubber
- Resists Cracking, Kinking And Weathering
- Provides Excellent Abrasion-Resistance
- -40°F to 200°F (-40°C to 93°C)
- Burst Pressure: 871 PSI
- Operating Pressure: 145 PSI
- Meets SAE J1402 Specifications



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How to Repair A Severed Rubber Air Line

In an emergency situation, when a rubber air line between the tractor/trailer is severed, if the damage is close enough to the fittings on either end, and there is still enough working length in the line available, it is possible to repair the air line with a few simple items and get back on the road in no time.

There are two popular methods to make repairs to severed rubber air lines. One is the conventional method using a rubber air replacement brass fitting. The second method is using a rubber air repair kit. These kits are well-liked because they usually come with just about everything you need to make a repair in one convenient package.

Since most kits already come with installation instructions, the below steps show how to make a repair using the conventional method with a replacement brass fitting.

Items You Will Need to Repair a Rubber Airline:

1. Razor blade/hose cutter
2. Replacement rubber air hose fitting
3. 2 wrenches (adjustable or crescent)

Steps to Repair a Damaged Rubber Airline:

1. Determine the correct size replacement fitting for your hose. You will select from either a 3/8" or 1/2" size based on the I.D. of your rubber air line. (The NPT fitting size is based on the thread port of the gladhand. Gladhands attached to air lines always have a thread port of 1/2".)
2. Create a clean 90 degree cut to remove the damaged portion from the air line.
3. Insert the cut end of the air hose through the spring guard.
4. Place the brass ferrule over the top end of the rubber air hose.
5. Insert the air hose into the body of the brass fitting until it can be seen through the inspection hole. This will confirm that the hose is in place for the next step.
6. Using the wrenches, tighten the compression fitting down to the hose.
7. Pull on the fitting and hose to make sure the fitting was installed properly.
8. Install the repaired rubber air line onto the truck.

It is recommended that the rubber air lines be replaced as soon as possible to avoid further damage to the assembly. Since additional damage may have occurred where it's not visible, a new rubber air line ensures that the vehicle stays on the road and the driver and others on the road remain safe.



Step 2



Step 3



Step 4



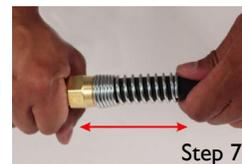
Step 5



Step 5A



Step 6



Step 7



Have technical questions? Get the latest tips from a skilled Phillips engineer!
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 OR e-mail: techtips@phillipsind.com

- To avoid situations that may require repairs, make sure to properly maintain your rubber air lines by using correct cable support and inspecting them on a regular basis. Consider using cold rubber air lines in extreme temperatures.
- There are convenient kits available on the market today that will repair rubber air lines.
- Phillips always recommends replacing rubber air lines that have been repaired to avoid possible further damage to the assembly.

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