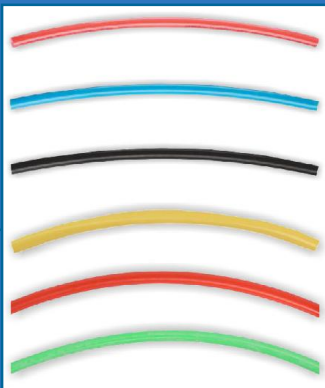


**FEATURED PRODUCT**

**Air Brake Tubing**

- Ideal for pneumatic accessories that operate off of the air system
- Meets SAE J844 type "A" or type "B" specifications
- Has an operating temperature range of -40°F to 200°F (-40°C to 93°C)



VISIT US ON THE WEB AT

[www.phillipsqwiktechtips.com](http://www.phillipsqwiktechtips.com)

TO BE ADDED TO OUR MAILING LIST AND FOR ALL PAST ISSUES

## How To Repair A Damaged Air Coil Fitting In An Emergency

In an emergency situation, when damage occurs to the brass fitting, or lead in close proximity to the fitting, it is possible to temporarily repair the airline, if there is still enough working length in the line available. All you need is a push to connect brass fittings and a nylon air tube cutter.

**FITTING REPLACEMENT**  
(For Air Tubing with a 1/2" O.D.)

**What you'll need:**

- 1/2" Push-To-Connect Brass Male Fitting with O-rings for Locking Safety
- Nylon Air Tube Cutter

1. FOR DAMAGED TUBING – Slide spring guard down to reveal damaged portion of tubing on the lead. Fig. 1  
FOR DAMAGED FITTING – Slide spring guard down far enough to cut tubing at the base of the flare fitting (Approximately 1 inch). Fig. 2

2. FOR DAMAGED TUBING – Make a clean 90° angle cut to remove the damaged portion of the tubing.\* Fig. 3  
FOR DAMAGED FITTING – Make a clean 90° angle cut just below the base of the fitting. Fig. 4  
*\*CSA regulations state that a lead must be at least 2 inches long and encased in a spring guard.*

3. Insert the tubing into the fitting and apply firm pressure until you hear a click. Fig. 5
4. Pull to make sure the connection is secure. Fig. 6
5. Slide spring guard back into place. Fig. 7

The damaged nylon air coil assembly should be replaced as soon as possible. This repair should be considered as a temporary solution in an emergency situation and is not intended for long term use.



Have technical questions? Get the latest tips from a skilled Phillips engineer!  
Call: 888-959-0995 OR e-mail: [techtips@phillipsind.com](mailto:techtips@phillipsind.com)

- In an emergency situation, a push-to-connect brass fitting can temporarily repair a nylon coiled air assembly when damage occurs to the fitting, or to the lead in close proximity to the fitting.
- Repairs like this should be considered as a temporary solution in an emergency situation only. (Just like how a spare tire is used to replace a flat tire.) It is not intended for long term use, and the damaged nylon air coil assembly should be replaced as soon as possible.

\*Phillips Industries, to the best of our knowledge, has compiled the information contained herein from what it believes are authoritative sources. This information is not to be taken as representation for which Phillips Industries assumes legal responsibility.



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5

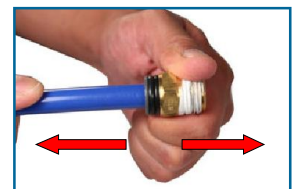


Fig 6

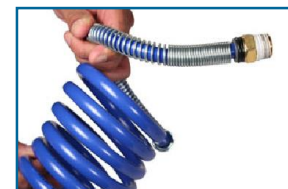


Fig 7