

How To Repair An Air Coil Lead In An Emergency By Replacing The Fitting

It's not uncommon to damage air lines near their connections on the trailer side when a vehicle jack knifes or pulls away. Even with a spring guard, too much stress can be placed on the tubing in this type of situation, rendering the coiled air lines inoperable.

In an emergency situation, when damage occurs to the lead in close proximity to the fitting, it is possible to temporarily repair the air line, if there is still enough working length in the line available. All you need is a composite Push-To-Connect fitting with an o-ring and a nylon air tube cutter.

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

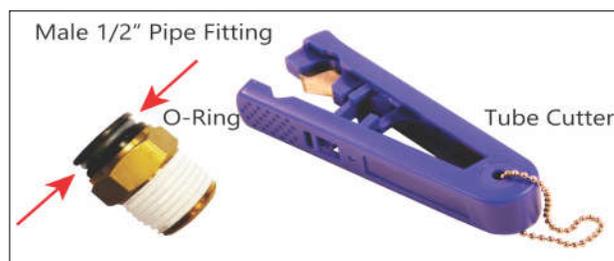
WHAT YOU'LL NEED:

- 1/2" - T x 1/2" Male Pipe Composite Push-To-Connect Fitting
- O-ring for Locking Safety (Placed between the release button and body of the connector)
- Nylon Air Tube Cutter

STEPS:

1. Slide spring guard down to reveal damaged portion of tubing on the lead. Fig. 1
2. Make a clean 90° angle cut to remove the damaged portion of the tubing.* Fig. 2
**DOT 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. 3
4. Pull to make sure the connection is secure. Fig. 4
5. Slide spring guard back into place. Fig. 5

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.



What You'll Need



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

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TIPS

- In an emergency situation, a composite Push-To-Connect fitting can temporarily repair a nylon coiled air assembly when damage occurs 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.

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