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Spartan tow brake adapter

Part number 921004-20

Installation instructions

All specifications are subject to change without notice.

WARNING

Read all instructions before installing this product. Failure to understand how to properly install the adapter could result in property damage, personal injury or even death.



Purpose of this kit

This kit connects a standard 1/4" air brake line to a Spartan tow brake quick coupler.

Instructions

1. If present, remove the incorrect connector and any other fittings from the end of the 1/4" brake air line.

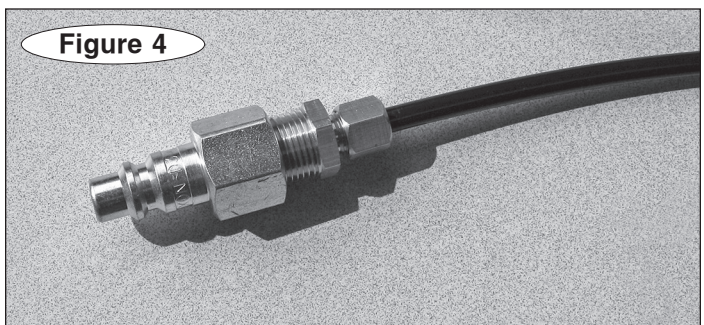
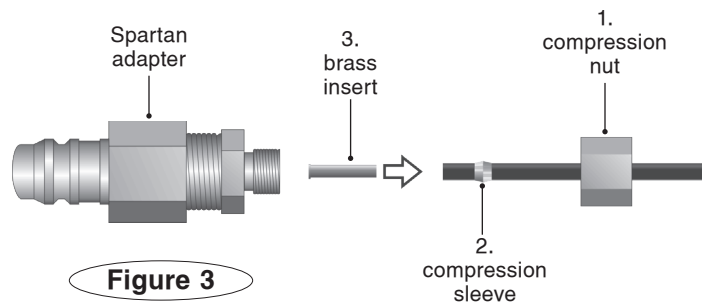
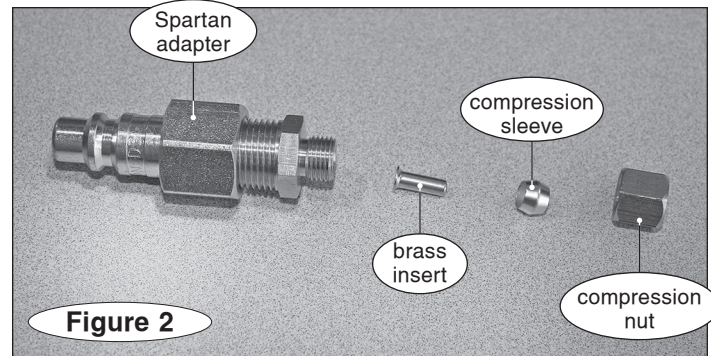
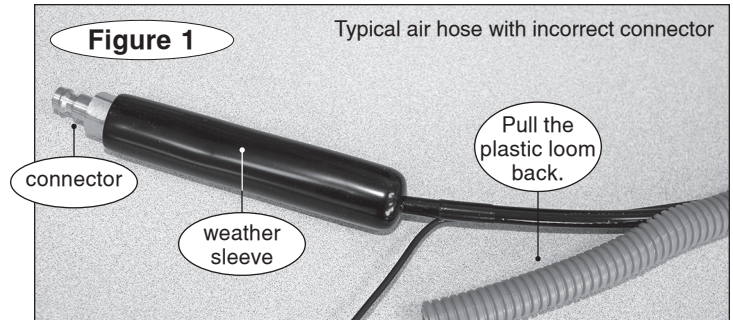
2. If necessary, trim the end of the brake air line to make a smooth and straight cut.

Note: An angled cut, rough facing or rough edge may cause air to leak.

3. Slide the compression nut over the brake air line. Then slide the compression sleeve over the brake air line; push the brass insert into the end of the brake air line (Figure 3).

4. Push the brake air line into the Spartan adapter as far as it can go. Use a 11/16" and a 1/2" wrench to tighten the compression nut onto the adapter (Figure 4).

Note: Do not overtighten or the fitting will leak.



Safety Definitions

These instructions contain information that is very important to know and understand. This information is provided for **safety** and to **prevent equipment problems**. To help recognize this information, observe the following symbols:

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in property damage, serious personal injury or even death.

NOTE:

Refers to important information and is placed in italic type. It is recommended that you take special notice of these items.

Braking System Accessories

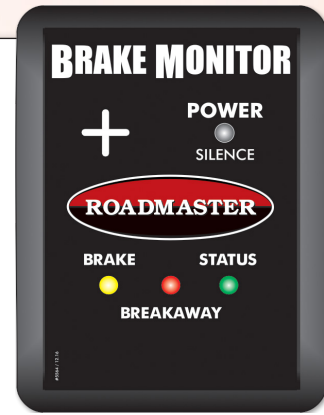
Wireless universal supplemental braking system monitor

The best upgrade or replacement monitor available —

- Truly universal — works with all braking systems that depress the brake pedal.
- Exceptional range and reliability — line-of-sight transmission confirmed to 1,000 feet; proprietary send/repeat circuitry confirms each signal at 100 percent reception.
- Protects the towed vehicle's brakes — reports any braking activity to the motorhome monitor; includes a low-battery alert, extended braking and break-away alarms, and five other audio and/or visual alarms and system status notifications.
- 30-minute installation, all at the towed vehicle; simply plug the motorhome monitor into any 12-volt outlet.
- Automatic operation — activates only when the vehicles are connected for towing.

Specifications — frequency: 923 MHz; voltage: 12V; sleep current: 30mA

9530 Universal supplemental braking system monitor



Brake light switches

Why do you need a brake light switch? Brake light switches are necessary only if you're installing a supplemental braking system monitor, and the vehicle's OEM brake light switch doesn't work when the vehicle is in 'tow' mode.

Both the new universal switch and our vehicle-specific switches are only activated when the brake pedal is depressed. No other manufacturer provides brake light switches with this level of specificity. Why? When you know when the towed vehicle's brake pedal is depressed and released, you know if the supplemental braking system is positioned properly and working as it should.

Vehicle-specific brake light switches

Available for most popular towed vehicles; check at www.roadmasterinc.com.

751XXX Vehicle-specific brake light switches

Universal brake light switch

This switch sends a beam of infrared light to detect brake pedal movement. When the pedal moves down, it sends a signal to the monitor that the brakes have been applied.

- Works on any vehicle with a brake pedal.
- Works with any supplemental braking system that moves the brake pedal.
- Works with any motorhome monitor

751000 Universal brake light switch

