



TIRE LINC®
OEM INSTALLATION MANUAL

LIPPERT
COMPONENTS®

Introduction

The Tire Linc® tire pressure monitoring system is a wireless system that automatically monitors tire pressure and temperature. If any abnormalities are detected, the system will transmit signals from the tire valve sensors to the wireless receiver. Power is transmitted to the Tire Linc® via a 12V Power Connector that plugs into a constant 12V power source.

Installation

Valve Stem Assemblies

1. Lift and support the trailer per manufacturer's requirements.

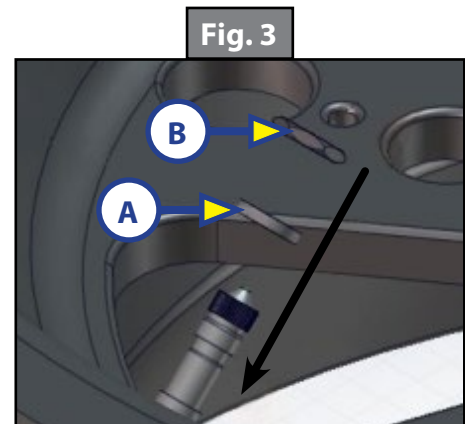
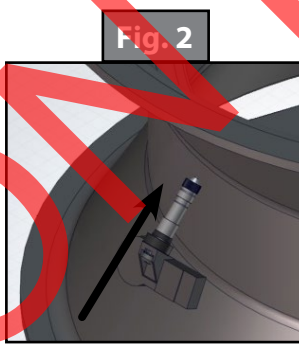
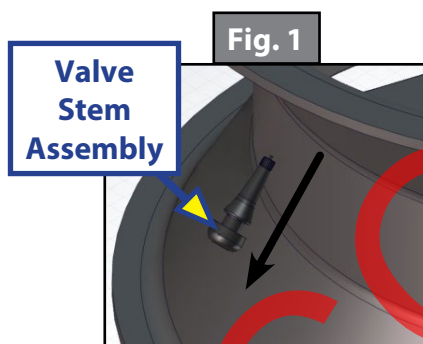
⚠ WARNING

Lift unit by the frame and never the axle or suspension. Do not go under unit unless it is properly supported by jack stands. Unsupported units can fall causing death or serious injury.

2. Remove the wheel. Relieve the air pressure in the tire and remove it from the rim.
3. Remove the existing valve stem from the rim (Fig. 1).
4. Clean valve stem hole in rim of any corrosion and debris.
5. Insert the Tire Linc valve stem assembly into each rim to be installed on the trailer (Fig. 2).

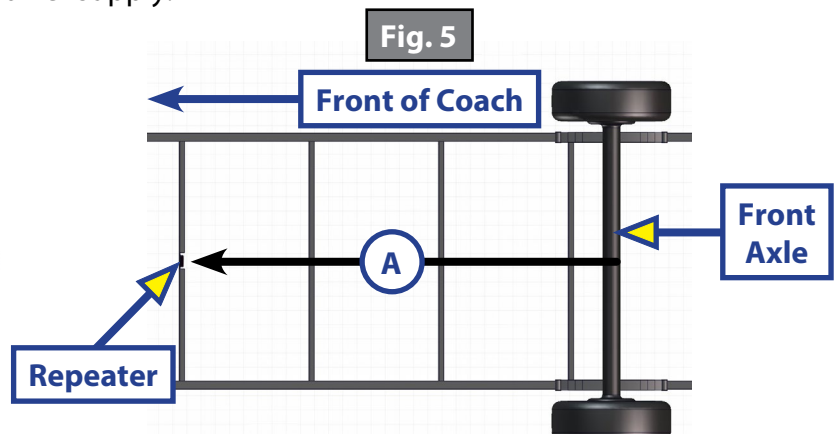
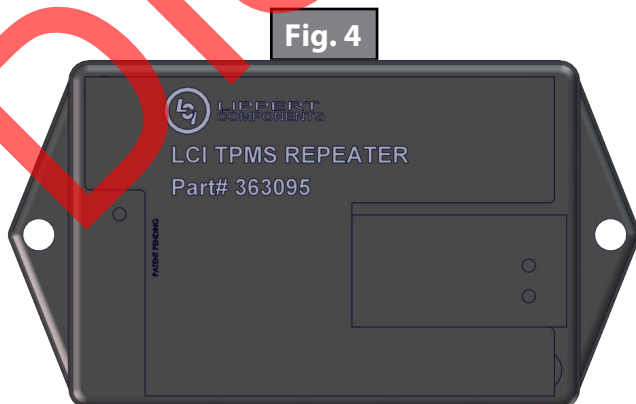
NOTE: Do not install a Tire Linc valve stem assembly into the spare tire.

6. Secure the Tire Linc valve stem assembly into the rim with the plastic washer (Fig. 3A) and nut (Fig. 3B). Tighten the nut to 40-45 in-lbs.
7. Remount the tires to the rims and inflate to the PSI recommended by the manufacturer.



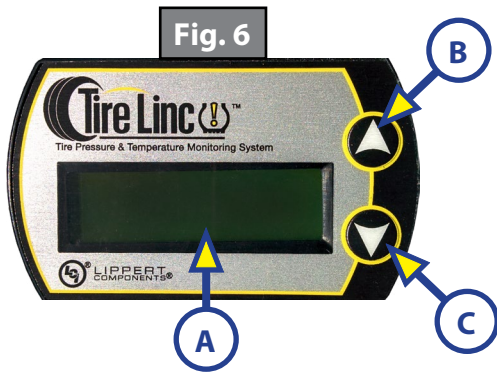
Tire Linc Repeater

1. Install the repeater (Fig. 4) within 2' of single axle, centered between dual axle, OR within 2' of middle axle on a triple axle (Fig. 5A).
2. Connect repeater to a constant 12-volt power supply.



Programming

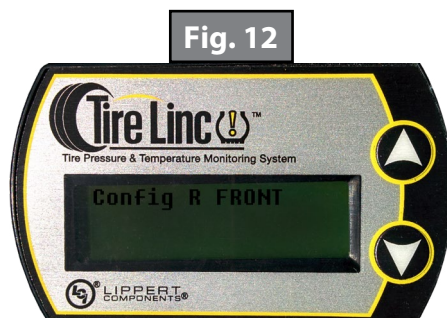
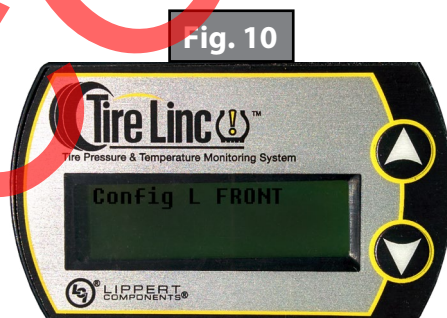
1. On the receiver (Fig. 6) remove protective plastic film from display area (Fig. 6A) and connect to 12-volt power supply (Fig. 7).
2. With the receiver plugged in, the display should show "Erase All?" and provide the choice to answer yes or no (Fig. 8) by pressing the corresponding up or down arrow buttons (Fig. 6B, 6C).
3. If the display does not show "Erase All," press and hold both the up and down arrows (Fig. 6B, 6C) simultaneously for 5-7 seconds until the display reads "Erase all" and provides the choice to answer yes or no (Fig. 8) by pressing the corresponding up or down arrow buttons (Fig. 6B, 6C).



4. Select "Yes." The user will be asked to input the number of tires to sync. Press corresponding up or down arrow until desirable number is displayed. The receiver should then display "Config L Front" (Fig. 10).

NOTE: If the Tire Linc LF Initiator (Fig. 9) is in use, follow step number 5; if not, use the Alternate Programming Procedure on page 4 in place of step number 5.

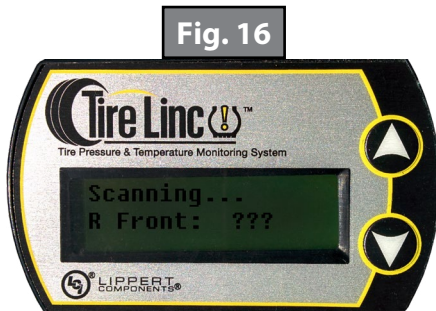
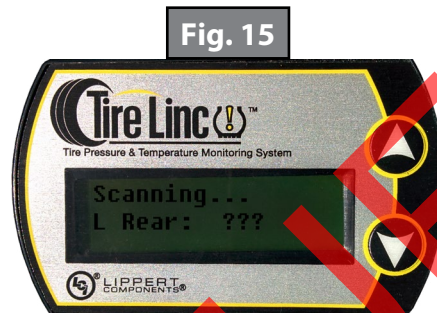
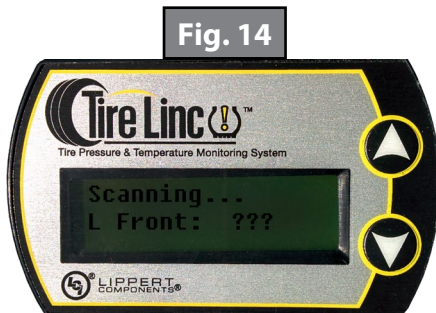
5. Using the Tire Linc LF Initiator (Fig. 9), go to the left front tire (roadside front) and press and hold the button (Fig. 9A) for 3 seconds on the initiator to sync the left front sensor to the receiver. The receiver (Fig. 6) will then display "config L REAR" (Fig. 11). Repeat process to configure left rear tire (roadside rear). The receiver will then display "config R FRONT" (Fig. 12). Repeat process to configure right front tire (curbside front). The receiver will then display "config R REAR" (Fig. 13). Repeat process to configure right rear tire (curbside rear).



6. The programming is now complete and the receiver will start to scan for data from the tire sensors. (Figs. 14, 15, 16, 17).

NOTE: If the Alternate Programming Method below is used, make sure to check the tire pressure to assure the tires are properly inflated.

NOTE: When tires are rotated, the Tire Linc receiver (Fig. 6) must be re-programmed starting from Step 1.



Alternate Programming Method – Tire Linc Configuration by Deflation

NOTE: The procedure below replaces step number 5 of the standard programming procedure (see page 3) only if the Tire Linc LF Initiator is unavailable. Step numbers 1 through 4 of the standard procedure must be followed prior to beginning this procedure.

1. Go to the left front tire (roadside front) and release air from the tire by opening the valve. Deflate the tire until the receiver (Fig. 6) displays "Config L REAR" (Fig. 11). Repeat process (releasing air from the tire) to configure left rear tire (roadside rear). The receiver will then display "Config R FRONT" (Fig. 12). Repeat process to configure right front tire (curbside front). The receiver will then display "Config R REAR" (Fig. 13). Repeat process to configure right rear tire (curbside rear).

DISCONTINUED



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