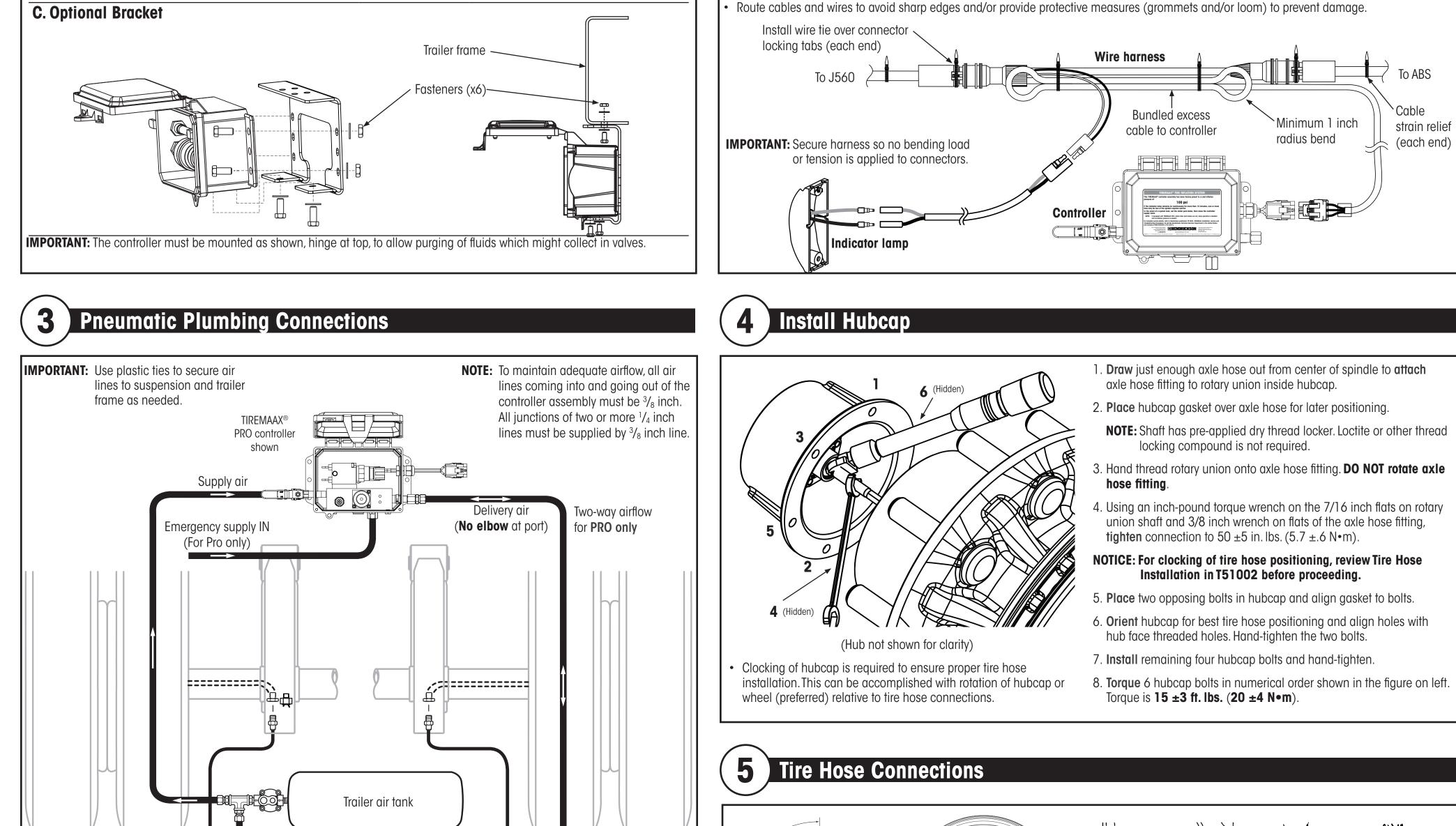
## HHRDRCKSON

**TIREMAAX® PRO & CP** General Installation Guide

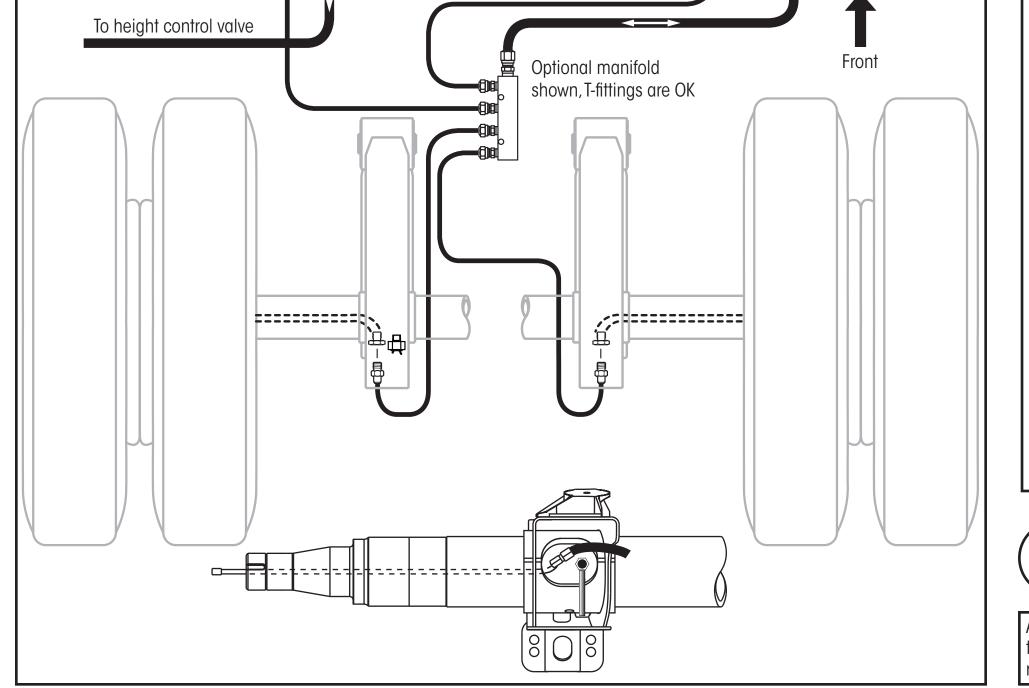
Take all necessary safety precautions to avoid personal injury while performing installation. **Mount Controller Controller Electrical Connections** Two harness types are available from Hendrickson: ABS Junction Wire Harness (3 or 15 foot length) or the Standard harness. If the standard A. Slider mount harness is used, refer **T51002** TIREMAAX PRO & CP Installation, Service and Troubleshooting for wiring diagram. Indicator lamps, shown, can be purchased from Hendrickson. If not, it must be provided by OEM and compatible with tractor uninterrupted Three mounting holes (top, middle and bottom) on each flange of the controller are available for NOTICE: If mounted too high, power. mounting on slider front cross member, only use the top and middle pair, as shown. controller will hit The indicator lamp must be placed in a location clearly visible by driver while in driver's seat. Recommended assembly torque is 17.5 ±2.5 instop bar. Four holes (two pair) are pre-drilled in the cross member for this purpose. Ibs  $(2.0 \pm .3 \text{ N} \cdot \text{m})$  with a #10 machine screw. **ABS Junction Wire Harness** Pre-drilled To ABS From J560 interface holes (x4) 5-pin Fasteners Delphi 3 ft (1 m) LED indicator lamp ₿D-l -|-0 (x4)  $\mathbf{O}$ 000 000 (Polarity sensitive, wire or 15 ft (4.5 m) colors must match) Slider box LED indicator light cable Controlle 0 (power and ground) OFM **B. Non-slider mount** HILLIANDALAS defined 3-pin Delphi Weather Pack Indicator light connector 0 cable (power only) ฿⊐-|--| Controller Select a location that is accessible and **O**E protected from environmental hazards. Fasteners ₿**─**-l· indicator lamp Standard harness (x4) Mount directly to trailer frame, as shown, or use optional bracket. ("C"). -Trailer frame All cables and wires must be properly secured to prevent snagging and unnecessary motion.

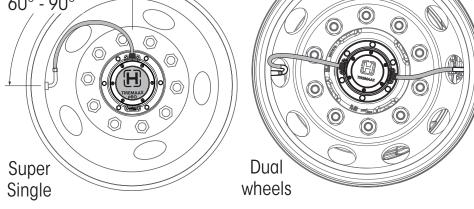
**T51003** Revision E January 2017



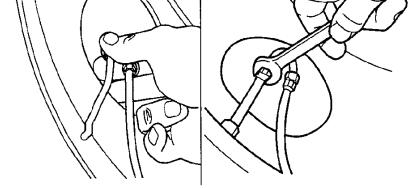
Clocking:

6U

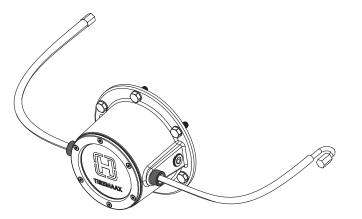




- Hold tire hose with free hand to prevent side loading and avoid cross threading. The knurled nut, at hubcap, should easily turn 3 to 4 rotations by hand. Any drag before 3 turns suggests cross threading.
- Make sure tire hose is not stretched so tightly a strain is introduced at either the valve stem or hubcap.
- Make sure the tire hose is not so loose it contacts the wheel
- Check to ensure no portion of the tire hose extends out past the wheel.



Hand-tighten to stem, then use wrench to tighten additional one-half turn.



Hand-tighten to hubcap. Using pliers, carefully and gently verify the hose connection is tight.

## **Test for Leaks**

After completing installation Steps 1 - 5, perform leak checks with shop air and test gage (recommended). After rated pressure is reached, ensure the gage remains steady while supply is shut off. Use soapy water solution to locate leaks. For complete SYSTEM INTEGRITY CHECK procedures, refer to T51002.

Refer to Hendrickson T51002 TIREMAAX PRO & CP Installation, Service and Troubleshooting for a complete set of instructions. Available online at www.Hendrickson-intl.com/Literature.

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T51003 Rev E 01-17 ECN 26210

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## **Questions?**

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