



Warranty Approved Installation Guide

- Chock wheels of equipment release the brakes and do a proper brake adjustment and component inspection.
- Remove any existing brake stroke indicators.
- Install the actuator onto the pushrod and install the nut and bolt Fig 1
- Assemble the sensor to the mounting bracket if not already done. Fig 2
- Using grease, lube the sensor threads and push button, then install the rubber cap. **THIS IS A MUST.** Fig 3
- Remove the inside brake chamber nut.
- Rotate the actuator up, install the mounting bracket onto the brake chamber stud and allow actuator to rest on the mounting bracket. Tighten the brake chamber nut fully. Fig 4
- Apply full service side air brake pressure (not parking brakes)
- Line the actuator up so it just touches the rubber cap, Have actuator just slightly further down the pushrod so it is not straight (towards slack adjuster) clamp vise grips onto pushrod if needed to secure actuator and tighten as much as it can be tightened. By angling it back it won't hit maxi chamber mounting bracket when brakes are released.
- Make sure the actuator just touches rubber cap, adjust accordingly if needed. . Fig 5
- Install the wire harness securing it away from any moving parts using the provided nylon ties.
- Secure all sensor connections to the bracket mount using the supplied nylon ties.
- Follow the airlines in front of the bogie to allow for sliding of the bogie. Then follow the airlines to the front of the trailer.

- **Trailer Electrical Connections**
- Remove the 7 way receptacle; allow enough wire to be able to reach the removed 7 way receptacle and cut the wires. Attach the black wire to the ground pin on the 7 way receptacle.
- Install the light on the left front corner where it can be seen from the driver's mirror of the truck. Using the left over wire and supplied clips connect the white wire to the ground of the light and the black wire to the positive of the light. Neatly run the wire to the 7 way receptacle and attach the white wire from the light to the white wire of the harness that runs to the sensors. Attach the black wire to the stop lights 7 way pin. Fig 6



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Fig 1



Fig 2

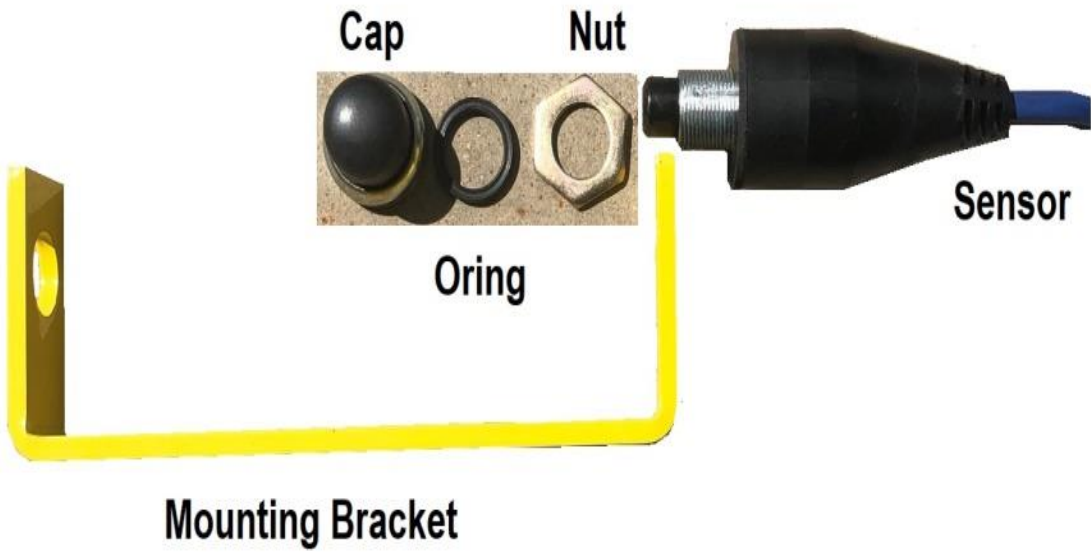


Fig 3



Fig 4



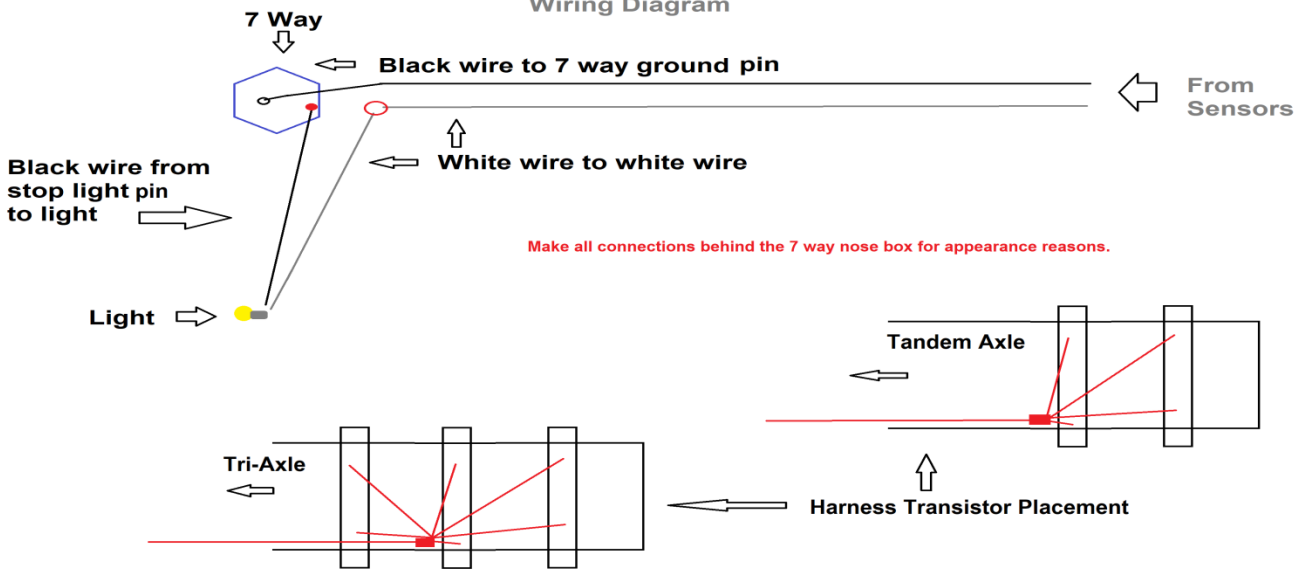
Fig 5



Fig 6



Wiring Diagram



"To avoid winter corrosion, it is warranty recommended covering sensor and cap with grease prior to the winter months."