Technical Bulletin: Adapting MTIS by PSI to an axle prepped for Hendrickson Tiremaax

NOTE: This bulletin is primarily intended for use by OEM’s & Dealers when fitting a system onto a new unit. Older trailers, prepped with Tiremaax, may see deviations from below.

If the trailer axles are already prepped for the Tiremaax system, it is very easy to adapt to the MTIS by PSI system. Tiremaax uses (3) ¼”-NPT threaded holes drilled into the axle.

Only one of the three holes is required for MTIS by PSI. Plug any of the other two holes with a ¼ - NPT pipe plug, coated with a thread sealant to avoid air leaks.

The standard MTIS by PSI system uses a 1/8”-NPT thread at the axle fitting. In order to adapt to the remaining hole, there are two options available;

1. Use a ¼” axle air fitting (Part No. 32831-00) in place of the 1/8” fitting (31042-00)

2. Use a 1/4”-NPT X 1/8”-NPT reducing bushing (not available from PSI) and use the standard fitting supplied with the kit.

After the MTIS by PSI system is installed, a leak check with soapy water should be performed on all three holes, after the axle is pressurized.

Follow the installation procedures specified in the MM14P maintenance manual for all other details.