



TSE-REX™ Fixed Clevis and Threaded Push Rod kits – Installation Instructions

TSE-REX™ Rapid Change push rods



Warning!
Failure in not caging the spring brake for installation may cause the main spring to not fully engage the foundation brake components, which could cause insufficient braking force resulting in death, severe personal injury and/or property damage.

Important
IMPORTANT: Always block wheels when working on brake actuators to prevent vehicle rollaway.

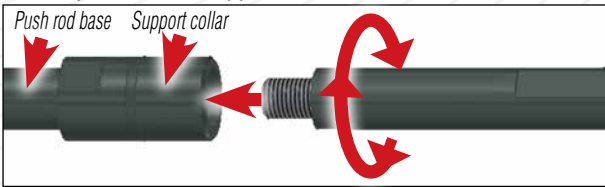
SECTION A

Below are the installation instructions for all TSE-REX™ Fixed Clevis/Threaded Push Rod kits (e.g. K575, K680-130, etc.), except K225-130. For K225-130, skip to section B.

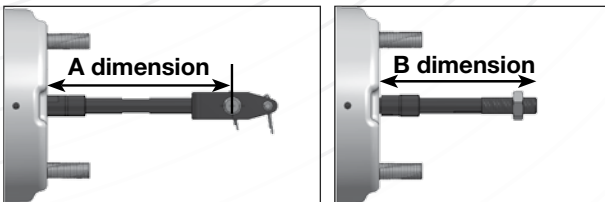
1. Pressurize the service port or uncage the power spring from a TSE brake chamber equipped with the TSE-REX™ system. This will extend the push rod base and prevent it from turning.



2. Install the TSE-REX™ fixed clevis or threaded push rod kit on the push rod base support collar.



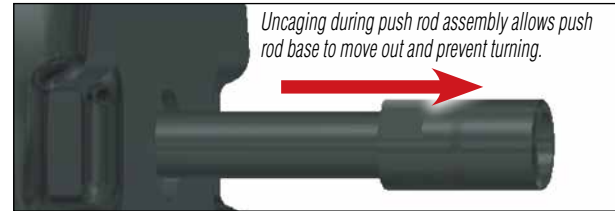
3. If an open end torque wrench (1/2") is available, tighten to 25–30 ft-lbs (34-41 Nm). If using a plain open end 1/2" wrench, tighten to 1/8 turn past hand-tight.
4. Un-pressurize the service port and pressurize the parking port with 110 ±10psi to cage the power spring of the chamber.
5. Check for correct "A" or "B" dimension. Rotate fixed clevis (clockwise ONLY) to proper orientation, if necessary.



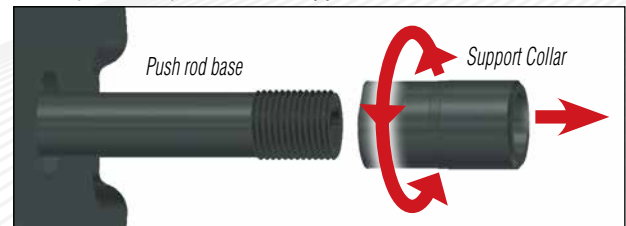
SECTION B

For TSE-REX™ Fixed Clevis Push Rod kit (K225-130), follow the following instructions.

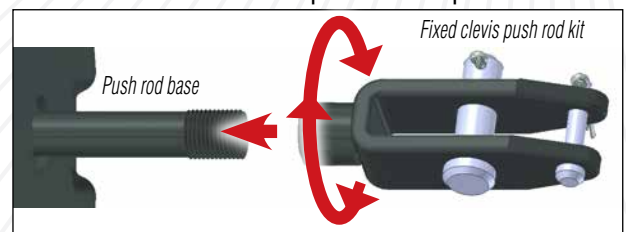
1. Pressurize the service port or uncage the power spring from a TSE brake chamber equipped with the TSE-REX™ system. This will extend the push rod base and prevent it from turning.



2. With an 11/16" wrench, loosen (counter-clockwise) and remove the support collar from the push rod base. Considerable effort may be necessary to overcome applied threadlocker.



3. Remove excess threadlocker from the threads of the push rod base, if necessary.
4. Install K225-130 fixed clevis push rod kit on push rod base.



5. With an open end 11/16" wrench, tighten to 1/8 turn past hand-tight.
6. Un-pressurize the service port and pressurize the parking port with 110 ±10psi to cage the power spring of the chamber.
7. Check for correct "A" dimension. Rotate fixed clevis (clockwise ONLY) to proper orientation, if necessary.

