The Fraser Gauge reputation for precision and adherence to strict OEM standards extends to our program for our Shear Adapter Kit. German Engineering designed to meet the same form, fit, and function as the original OEM part but with the enhanced features. We pride ourselves in meeting or exceeding OEM requirements, and we have a complete program for the bus market.

**Out with the Old**

Prepping for an air disc brake pad change is simple. Once the wheel is off, exposing the wheel-end, find and remove the cap covering the shear adapter on the brake caliper. Using a 10 mm socket wrench or a ratcheting box wrench on the adapter, turn the adjuster counterclockwise – a clicking noise indicates that the tappets are “backing off,” or loosening the pads’ grip on the brake rotor – until it stops. A chain connects the pair of tappets to extend and retract them simultaneously. “It’s important never to turn the adjuster without the shear adapter installed,” “The shear adapter is designed to fail in the event of over-tightening, preventing damage to the adjustment mechanism itself. Once the shear adapter is fully backed off, the brake pads can be freed for removal.

**In with the NEW**

Once the new friction is installed, replace the pad retaining bar and fasten it in place with the pin, washer, and clip. With the 10 mm socket wrench or ratcheting box wrench, turn the shear adapter clockwise to adjust the tappets until the new pads make enough contact with the rotor to stop it from free-wheeling, then back it off – counterclockwise – three clicks. Replace with the NEW cap that covers the shear adapter, and the pad replacement is complete.