

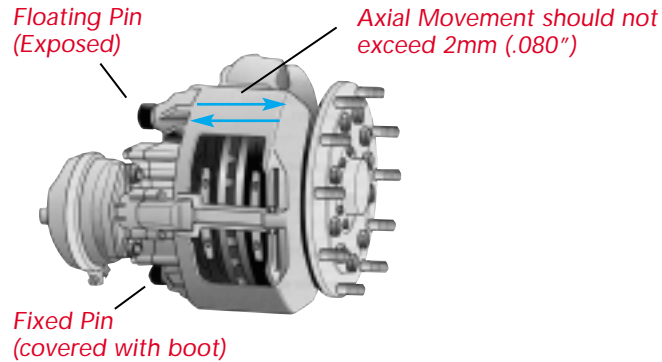
# INSPECTION PROCEDURES

## BENDIX® AIR DISC BRAKES

### INSPECTION PROCEDURES

#### Brake Adjustment Inspection:

The Bendix air disc brake caliper is designed to move freely, with minimal force, in the axial direction on the two sliding pins as shown in the illustration below. Movement in the axial direction should not exceed 2mm (.080").



Measurement of the axial movement can be accomplished as noted below in the Pad Thickness Inspection Section on the reverse of this document.

The caliper floatation consists of two pins. One pin (fixed pin) floats through a bronze bushing and should have minimal movement in the radial direction. The other pin is floating in a rubber bushing. The maximum radial movement should not exceed 2.0 mm (.080"). To check the radial movement, insert a pry tool between the caliper and carrier near the middle and then measure the relative movement as shown below.

FIGURE 1



If the measured radial movement exceed the limits noted, the floatation pins need to be repaired. NOTE: Two lubricants are required. Included in the repair kits are white and green grease tubes. The white grease is only for the fixed pin and the green grease is only used with the floating pin and rubber bushing.



Ahead of the curve.

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#### Pad Thickness Inspection:

The pad thickness can be seen but would require removal of the tire and rim. An indicator of the pad wear condition is available by inspecting the floating pin location in relationship to the rubber bushing as shown in Figures 2 and 3 below. When pads are in new thickness condition, the pin will be exposed 19 mm (.75"). When the pads are worn to replacement conditions, the pin will be nearly flush to the bushing or within 1 mm (.04") of the edge of the rubber bushing.

FIGURE 2 *New Pads 19m (.75")*

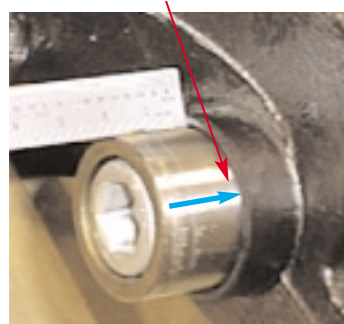
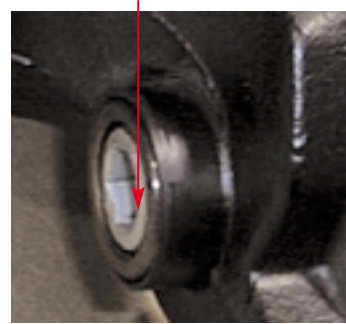


FIGURE 3 *Worn Pads Nearly Flush*



#### Questions? Want More Information?

Contact the Air Disc Brake team at Bendix Commercial Vehicle Systems LLC at 1-800-AIR-BRAKE (800-247-2725) or [www.bendix.com](http://www.bendix.com) today.

#### Bendix Commercial Vehicle Systems LLC

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