

Technical Bulletin

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Subject: Caliper Casting and Cover Plate Mounting Hole Configuration Phased Transition on Bendix® ADB22X® Family of Air Disc Brakes

This technical bulletin explains the phased transition of the caliper casting and the cover plate on the Bendix® ADB22X® family of Air Disc Brakes (ADB). A phased changeover of cover plates and machined threaded caliper holes is necessary in order to use up cover plate inventory in multiple locations on multiple brake assembly lines. **NOTE:** The cover plate is located on the inboard side of the ADB caliper assembly.

Original Configuration: This configuration uses an eight-hole cover plate attached to an eight-threaded-hole caliper using a quantity of eight (8) screw fasteners to attach to the caliper as shown in Figure 1.

Intermediate Configuration: This configuration uses a six-hole cover plate attached to an eight-threaded-hole caliper using a quantity of six (6) screw fasteners to attach to the caliper as shown in Figure 2. Only six (6) of the eight (8) threaded holes are utilized, leaving two (2) unused holes.



This configuration (with two [2] unused holes in the caliper casting) does not affect fit or function of the caliper assembly.

Final Configuration: This configuration uses a six-hole cover plate attached to a six-threaded-hole caliper using a quantity of six (6) screw fasteners as shown in Figure 3. There are no unused threaded holes in the caliper in this configuration.

ADDITIONAL SUPPORT

For technical support, the Bendix Tech Team is available at 1-800-AIR-BRAKE (1-800-247-2725), option 2, Monday through Thursday, 8:00 a.m. to 6:00 p.m., and Friday, 8:00 a.m. to 5:00 p.m. ET. Follow the instructions in the recorded message. The Bendix Tech Team can also be reached by email at techteam@bendix.com.

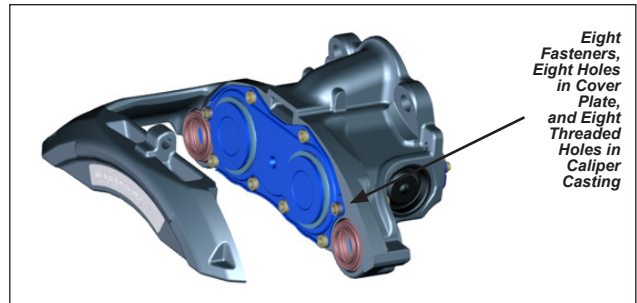


Figure 1 – Original Configuration

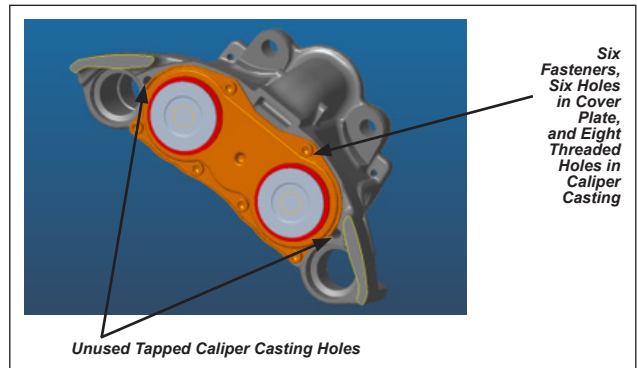


Figure 2 – Intermediate Configuration

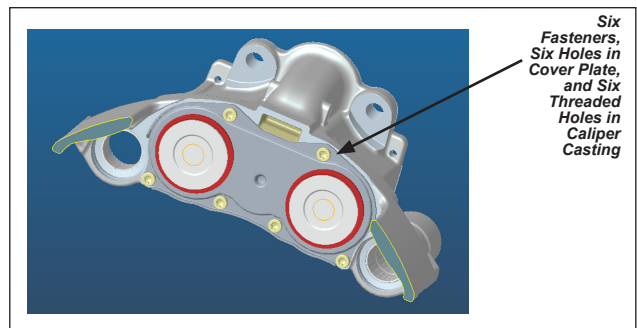


Figure 3 – Final Configuration

Configuration	Number of Holes in Cover Plate	Number of Holes in Caliper Casting
Original	8	8
Intermediate	6	8
Final	6	6

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