


Bendix® Air Disc Brake Caliper and Rotor Inspection Procedure

Calipers with Service-Only Chambers


Calipers without parking brake actuator (i.e., steer, tag, pusher): One-time, wheels-on, PM for vehicles with >250k miles. **Prioritize highest mileage vehicles.**



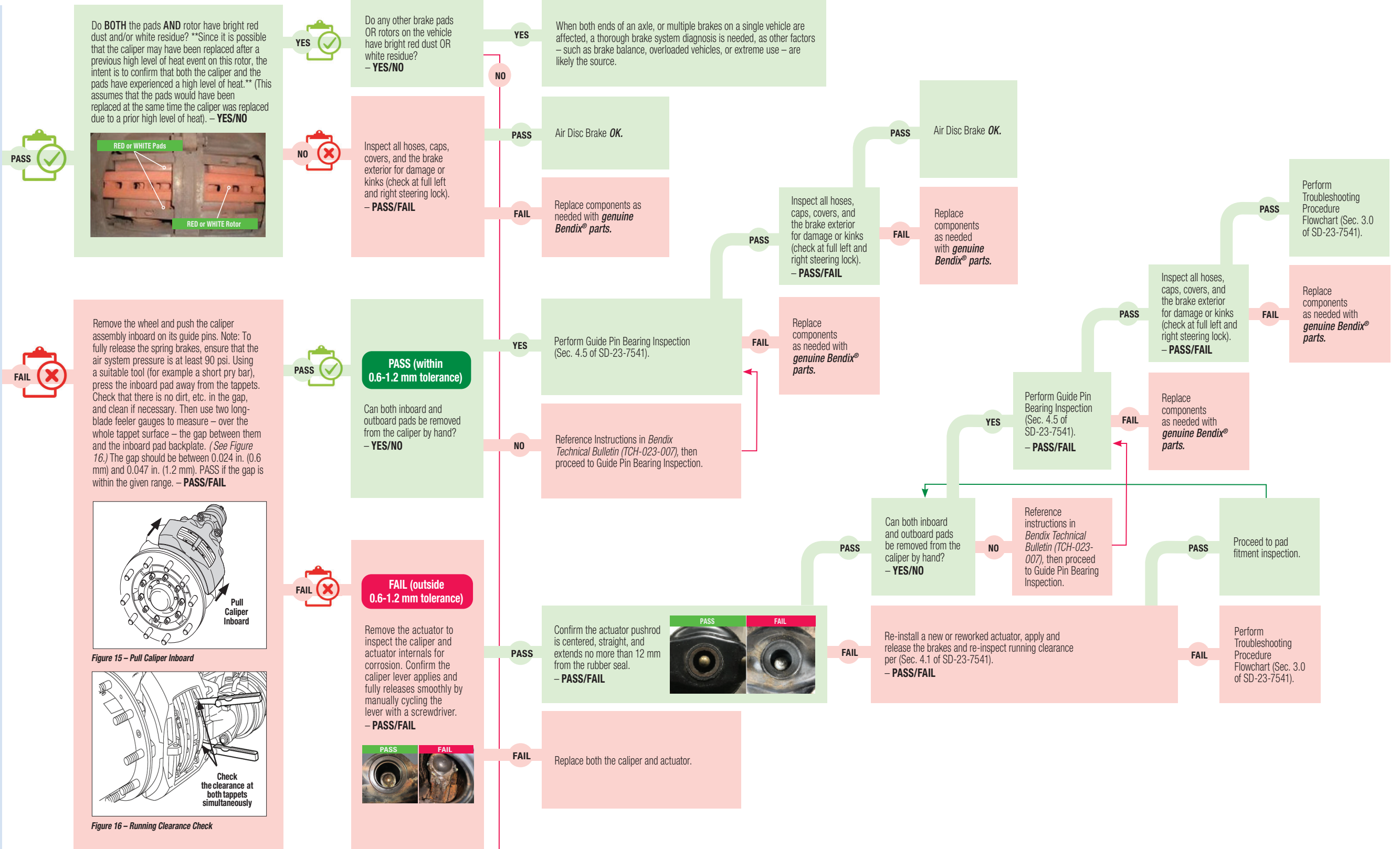
RUNNING CLEARANCE QUICK INSPECTION

CAUTION: FOLLOW ALL SAFE MAINTENANCE PRACTICES.

On level ground, with the wheels chocked and the parking brake temporarily released, verify there is sufficient running clearance between the pads. Using hand pressure only (no tools), check for inboard/outboard movement of the brake caliper. Small movement of less than 0.08 in. (2 mm) – approximately the thickness of a nickel – indicates that there is sufficient running clearance and the caliper is sliding freely. For a more accurate reading, a dial indicator may be used to measure running clearance. The recommended running clearance range is 0.024-0.047 in. (0.6-1.2 mm). Fail if the caliper movement or running clearance are unable to be confirmed. – **PASS/FAIL**




Bendix technical documents (such as SD-23-5471) can be found at the online Document Library at bendix.com.



Calipers with Parking Brake Chambers


Calipers with parking brake actuator: One time, wheels-on, PM for vehicles with >250k miles. **Prioritize highest mileage vehicles.**



RUNNING CLEARANCE QUICK INSPECTION

CAUTION: FOLLOW ALL SAFE MAINTENANCE PRACTICES.

On level ground, with the wheels chocked and the parking brake temporarily released, verify there is sufficient running clearance between the pads. Using hand pressure only (no tools), check for inboard/outboard movement of the brake caliper. Small movement of less than 0.08 in. (2 mm) – approximately the thickness of a nickel – indicates that there is sufficient running clearance and the caliper is sliding freely. For a more accurate reading, a dial indicator may be used to measure running clearance. The recommended running clearance range is 0.024-0.047 in. (0.6-1.2 mm). Fail if the caliper movement or running clearance are unable to be confirmed. – **PASS/FAIL**



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