## **Calipers with Service-Only Chambers**



## **Calipers with Parking Brake Chambers**



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-23-7541) can be found at the online Document Library at B2Bendix.com.



Remove the wheel and with the spring brakes released or caged, push the caliper assembly inboard on its guide pins. Note: To fully release the spring brakes, ensure that the air system pressure is at least 90 psi. Using a suitable tool (for example a short pry bar), press the inboard pad away from the tappets. Check that there is no dirt, etc. in the gap, and clean if necessary. Then use two long-blade feeler gauges to measure - over the whole tappet surface - the gap between them and the inboard pad backplate. (See Figure 16.) The gap should be between 0.024 in. (0.6 mm) and 0.047 in. (1.2 mm). PASS if the gap is within the given range. – **PASS/FAIL** 

Do **BOTH** pads **AND** rotors have bright red

dust and/or white residue? \*\*Since it is

possible that the caliper may have been

replaced after a previous high level of heat

a high level of heat event.\*\* (This assumes that the pads would have been replaced at the

same time the caliper was replaced due to a

prior high level of heat event). - YES/NO

event on this rotor, the intent is to confirm that both the caliper and the pads have experienced





