

Bulletin BPI 06-22

Subject: Caliper Service

Vehicle Involved: All

Condition: Features and Benefits of rebuilt calipers:

Rebuilt calipers restore the brakes to a like new condition. This will reduce the possibility of brake fluid leaking, uneven pad wear, brake noise, and over heated, warped rotors.

As the result of age, mileage, heat dissipation, and corrosion, caliper performance will begin to fail. The apply and release motion of the caliper will erode the caliper piston and square cut seal, in addition to slide surface and hardware.

Calipers are located low in the hydraulic system, and with the aid of gravity collect sediment. The sediment has the ability to inhibit caliper piston mechanical movement; in addition to abrading the square cut seal and piston skirt.

If the caliper piston displays cracks, chips, rust, or wear replace the piston with the original manufactures choice of material. The piston may be a steel composition, phenolic, or aluminum which all-meet specific vehicles operating temperatures.

Prior to installation of the caliper, the technician needs to lubricate contact points and slide surfaces with silicon grease in a plastic or rubber environment, or silicon or molly grease in an all-metal environment.

A rebuilt caliper will compliment the ABS function and projected performance of specifically engineered friction material.

