



Figure 2-35. Installing Tool



Figure 2-36. Removing Pistons



Figure 2-37. Wipers and Seals

CLEANING, INSPECTION AND REPAIR

⚠ WARNING

Use denatured alcohol to clean brake system components. Do not use mineral-based solvents (such as gasoline or paint thinner), which will deteriorate rubber parts even after assembly. Deterioration of these components can cause brake failure, which could result in death or serious injury. (00291a)

⚠ WARNING

Compressed air can pierce the skin and flying debris from compressed air could cause serious eye injury. Wear safety glasses when working with compressed air. Never use your hand to check for air leaks or to determine air flow rates. (00061a)

1. Clean all parts with denatured alcohol or D.O.T. 4 BRAKE FLUID. Do not contaminate with mineral oil or other solvents. Wipe parts dry with a clean, lint free cloth. Blow out drilled passages and bore with a clean air supply. Do not use a wire or similar instrument to clean drilled passages.
2. Carefully inspect all components. Replace any parts that appear damaged, worn, or corroded.
 - a. Check pistons for pitting, scratches or corrosion on face and also on ground surfaces.
 - b. Inspect caliper piston bore. Do not hone bore. If bore should show pitting or corrosion, replace caliper.
 - c. Inspect pad pin for grooving and wear. Measure the pad pin diameter in an unworn area, and then in the area of any grooving or wear. If wear is more than 0.015 in. (0.38 mm), replace both pins.
 - d. Always replace wipers, square seals and crossover seal after disassembly.

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Harley-Davidson Motor Company



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