

2.50 DISK BRAKE

INSTRUCTIONS FOR INSTALLING SHIMS TO TAKE UP RAIL WEAR

1. To determine whether shims are required:
 - a. Remove spring (3), retainer (4), and bolt (5).
 - b. Lift caliper (1) up and off support (2). Do not let the caliper hang on the hydraulic hose. Lay the caliper on the suspension or support it with a length of wire
 - c. Wire brush support rails (6) (7). Wire brush rail surfaces of the caliper.

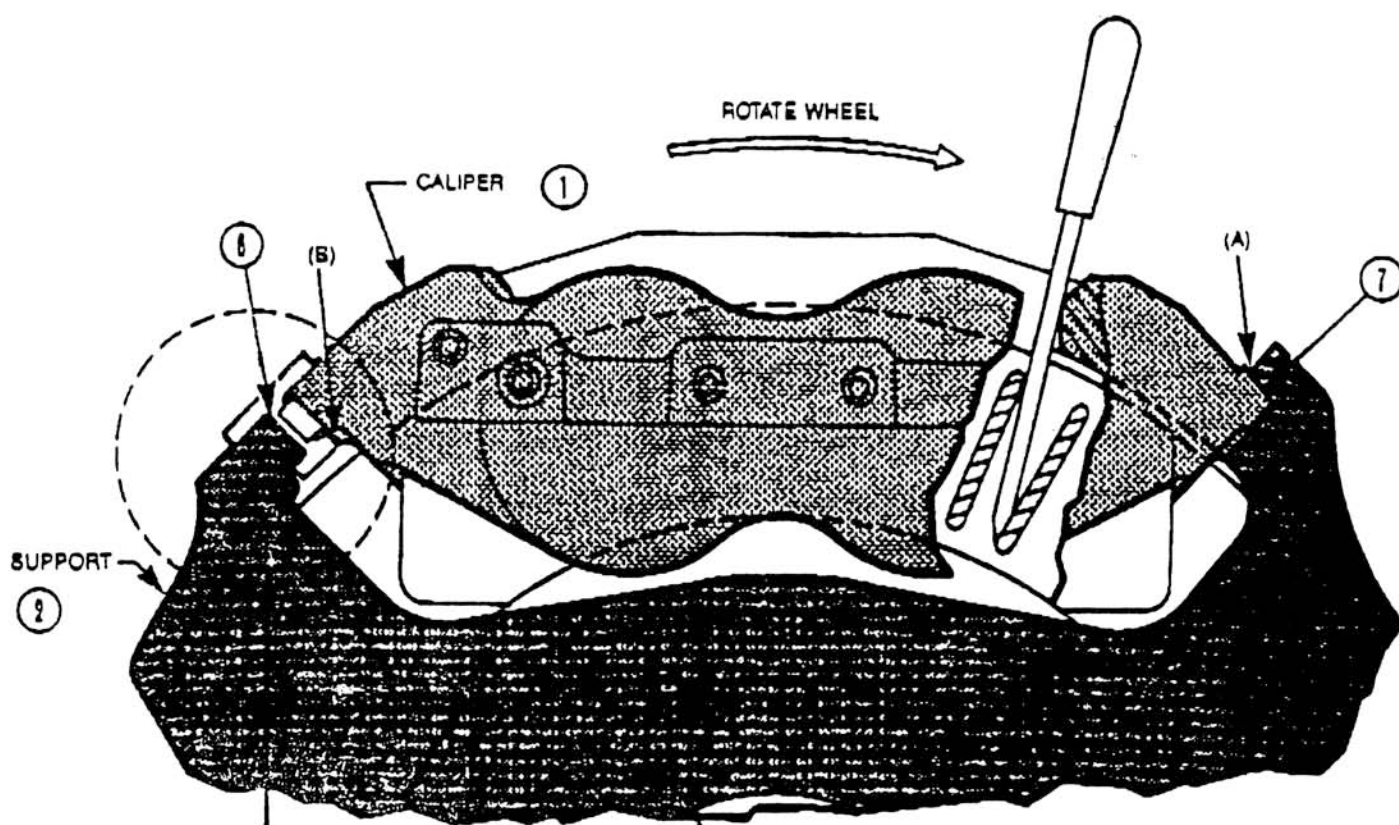
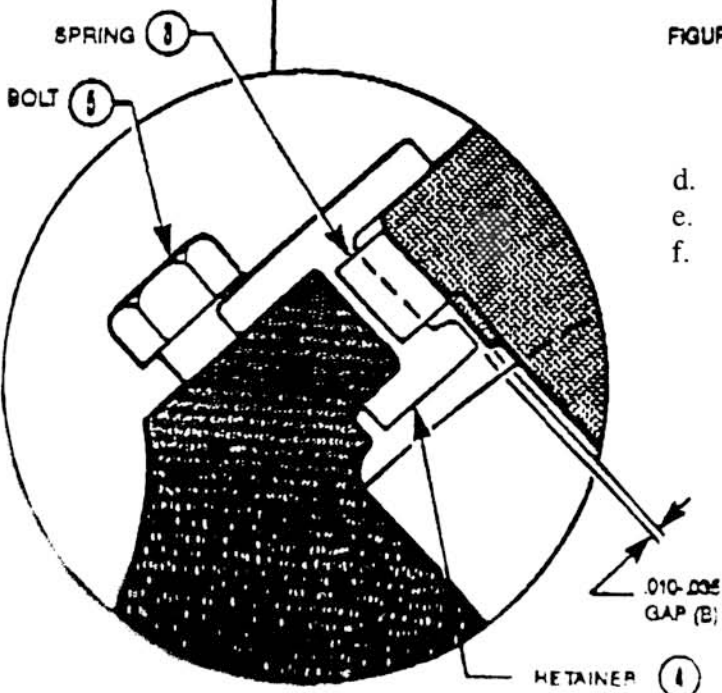


FIGURE 1



- d. Reinstall caliper (1) on support (2)
- e. Reinstall spring (3) and retainer (4)
- f. With caliper (1) assembled in place on the support (2), place a screwdriver or other suitable tool between the rotor vanes as shown in Figure 1 and rotate the wheel by hand in the forward direction to place the forward support rail in full contact with the caliper support rail surfaces at (A)

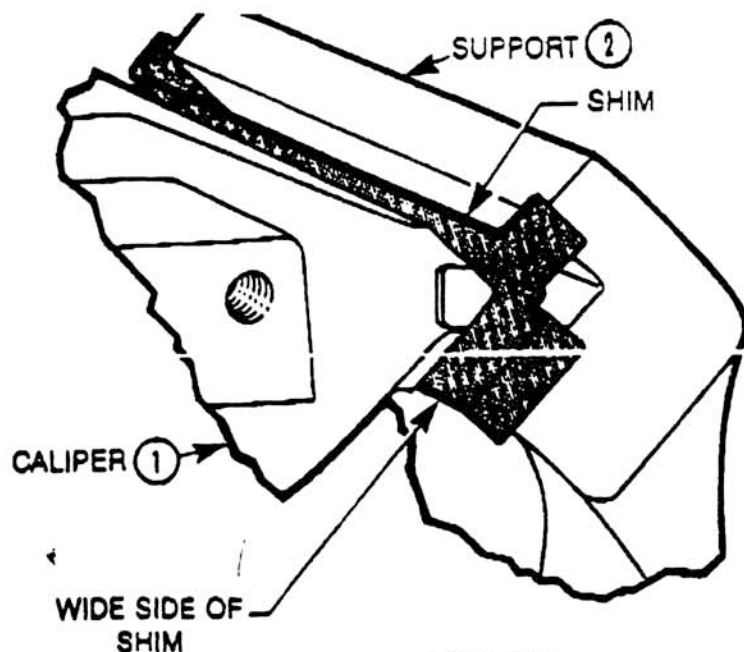


FIGURE 2

SHIM SELECTION CHART	
GAP (B) MEASUREMENT	SHIM NUMBER
.036-.055	682*
.056-.075	683
.076-.095	684
.096-.115	685
<p>If GAP IS GREATER THAN .115 REPLACE SUPPORT (2)</p> <p>*NUMBER 682 IS THE THINNEST SHIM AND WILL NOT HAVE THE PART NUMBER STAMPED ON ITS SURFACE.</p>	

- g. Measure the gap at (B) with feeler gages. If the measurement is within limits shown, no shims are required.
- h. If measurement is greater than .035", select a shim of the proper thickness (see chart) to return the gap within the limits given.
- i. Install shims as follows:
 - Remove spring (3), retainer (4), and bolt (5)
 - Lift forward end of caliper enough to provide clearance between the caliper and the support rail at (A) to permit installation of the shim as shown in Figure 2.
Note: Widest side of shim is to fit up against widest surface of support rail. See Figure 2.
 - Lubricate the support rail surface of the caliper that will come into contact with the shim, with grease approved for disc brake installations.
 - With shim installed, return caliper (1) to its original position on the support (2). Install new spring (3) and new retainer (4), provided in kit and bolt (5).
 - Measure gap (B) to assure that it is within the .010"-.035" limits. If not repeat step I. Choosing the next thicker shim.

Caution: Do not use a shim thickness that will result in a gap (B) that is less than the .010" dimension.

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