

TWO CYLINDER Hydraulic Brake

Chrysler Products—1949-51

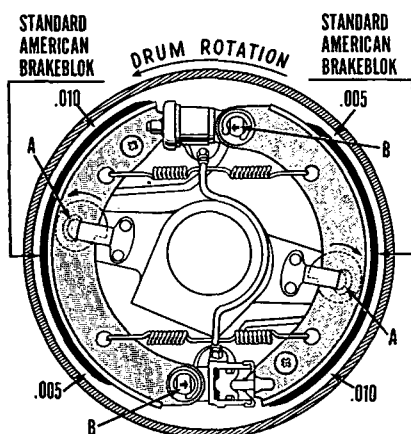


Figure 8

The brake (Fig. 8) has two forward acting shoes and each shoe operates in a manner similar to the forward acting shoe on the conventional two-shoe Lockheed Brake. The adjusting procedure is very similar to that for other Lockheed Brakes except that anchor pins are in different positions and slightly different clearances are recommended. The conventional one cylinder brake is used on rear wheels.

The two cylinder brake uses a new type wheel cylinder and cup. The lower cylinder in the drawing above is cut away to illustrate its construction.

Minor Adjustment

1. With wheel jacked up turn cam adjustment "A" in the direction shown by arrow in illustration until the drum drags. (This is always clockwise on the right hand adjuster and counter-clock-

wise on the left hand adjuster as you face the brake assembly). Back off until drum is just free of drag. Repeat this operation on all shoes.

2. Check fluid supply in master cylinder and fill if necessary.

3. If pedal has a spongy or springy action the fluid lines should be bled.

Major Adjustment

1. Remove front wheel and hub assemblies. The use of a drum gauge is employed at this point.

2. Loosen anchor pin lock nuts and examine arrow heads of both upper and lower anchor bolts "B". The high side of the eccentric anchor is indicated by an arrow head. These arrows should point towards the adjacent wheel cylinder before starting the anchor adjustment.

3. From this anchor setting turn anchor pin so as to decrease clearance $1\frac{1}{2}$ " from the anchor end of the lining to .005" and lock anchor pin lock nut. Turning anchor pins on the left side of the car clockwise and on the right hand side of the car counterclockwise decreases clearance.

4. Adjust cam "A" on each shoe to .010" clearance at $1\frac{1}{2}$ " from the cylinder end of the lining.

5. Recheck clearance at the anchor end and readjust anchor if necessary.

6. Install wheel and hub assemblies. New grease seals are recommended.

7. In bleeding these front wheel brakes, bleed the top cylinders first and then bleed the lower cylinders.