

## **BRAKE SHOE ADJUSTMENT/SYSTEM BLEEDING**

### **Brake Shoe Heel/Toe Adjustment:**

After the brake and hub assemblies have been reassembled and the hub bearings have been adjusted properly, follow these procedures, unless you have the proper tool to adjust the shoes:

1. Face the back of the brake plate and turn the Anchor bolts until the bolt's arrow or center punch marks, point toward each other. To adjust the heel of the shoe, turn the right hand Anchor bolt counter-clockwise and the left Anchor bolt clockwise. In doing so, the heel of the shoe will move downward and outward toward the drum.
2. Looking through the drum inspection hole, place a .010 feeler gauge between the shoe and the drum shoe surface and adjust heel to .010.
3. To adjust the toe of the shoe, move the inspection hole up to the shoe's toe. Looking through the drum inspection hole, place a .010 feeler gauge between the shoe and the drum shoe surface and adjust toe to .010.
4. Recheck the clearance of both adjustments and modify as needed.

**To adjust the brake shoes, the following steps should be taken with the wheel off the ground:**

1. On the brake plate there are two  $\frac{3}{4}$  inch nuts upper area, one on each side. Turn the front (front side of axle) brake shoe cam adjusting nut out (counter clockwise when facing wheel (driver side), or clockwise when facing brake plate) until wheel is locked, then back off until the wheel will spin;
2. Turn the cam for the rear shoe out (clockwise when facing wheel or counter clockwise when facing brake plate) until wheel is locked, then back off until wheel will spin;
3. Reverse for passenger side;

### **Bleeding Brake System**

1. When bleeding start with rear passenger side wheel, then rear driver side, then front passenger then front driver side as final. It is a good practice to bleed the system when adjusting the shoes to remove moisture at the cylinders.
2. Repeat until air is out, BUT MAKE SURE YOUR ARE CHECKING MASTER CYLINDER FLUID LEVEL FREQUENTLY DURING PROCESS to avoid pumping air into brake system;

**Note! Adjust brakes, then bleed!**