



## CAST IRON POWERGLIDE

### FRONT BAND ADJUSTMENT

1. Torque low servo adjusting screw to 5-7 foot pounds.
2. Back off adjusting screw three complete turns if the piston has no apply spring, or four complete turns if the piston has the apply spring.

### REAR BAND ADJUSTMENT

#### 1953-1954

1. Using one hand, tighten adjusting screw and check end play in linkage by grasping reverse servo return spring with the other hand. Continue turning down adjusting screw slowly until the end play is taken up.
2. Then back off the adjusting screw  $1/8$  to  $1/4$  turn and tighten the lock nut.
  - This is a sensitive adjustment and must be done carefully. When end play movement of the piston is just taken up, and before backing off the adjusting screw, the band must be free on the drum so that the drum can easily be rotated by hand.

#### 1955-1961

1. Rotate the reverse drum to center it within the band. Then tighten the adjusting screw until all the end play between the linkage and the band is removed without compressing the band lining. This adjustment should provide a reverse piston travel of  $5/32'' - 7/32''$  (1955-1958) or  $3/32'' - 5/32''$  (1959-1961) from the retracted to the applied position.
2. Measure the distance from the face of the reverse piston outward to side of case with the piston in its retraced position. Record this dimension.
3. Pull reverse piston outward to its full travel by grasping its hub with a pair of pliers. Again measure the distance from the face of the case. Record this dimension.
4. Subtract one dimension from the other; the difference will be the piston travel, which should be within the specification listed above on line 1.
5. If travel is too great, tighten adjusting screw and recheck. If travel is too little, back off adjusting screw and recheck.
6. When the correct adjustment is made, tighten the lock nut to 20-25 foot pounds.

**800-524-0485**