



THE AJAX MANUFACTURING CO.  
CLEVELAND, 17 OHIO

ADJUSTMENT

ADJUSTMENT OF BRAKE SHOES BY MEANS OF BRAKE ADJUSTING EYE BOLT (106) DETERMINES DISTANCE "B", BUT MUST NOT BE CHANGED AS LONG AS DISTANCE "B" IS BETWEEN 1/4 AND 1/2. WHEN LESS THAN 1/4 DUE TO WEAR OF BRAKE LINING (102), ADJUST.

BRAKE SPRING (109) SHOULD BE ADJUSTED TO STOP MACHINE ON BACK CENTER. IF IT MUST BE SET SO TIGHT THAT BRAKE RELEASE AIR CYLINDER (111) WITH NORMAL AIR PRESSURE CANNOT COMPLETELY RELEASE BRAKE, CHECK THE CLUTCH TO SEE THAT IT IS RELEASING PROMPTLY.

REVERSE BRAKE SHOES (103) WHEN LINING (102) IS WORN HALF THROUGH NEAR ANCHOR END, THIS WILL DOUBLE THE LIFE OF THE LINING. IF BRAKING IS IRREGULAR, CLEAN LINING AND DRUM WITH NON-FLAMMABLE DETERGENT. TO PREVENT SCORING DRUM, USE ONLY BRASS RIVETS IN BRAKE LINING (102) AND NEVER LET STEEL BRAKE SHOES (103) CONTACT DRUM. THE BRAKE LINING FURNISHED WILL STAND 500° F. TEMPERATURE, BUT IF THIS HOT, INVESTIGATE.

WHEN ORDERING REPLACEMENTS, STATE SERIAL NUMBER AND SIZE STAMPED ON NAME PLATE OF MACHINE, AND DESIGNATE PART BY BOTH NAME AND NUMBER.

- 101 BRAKE DRUM.
- 102 BRAKE LINING AND RIVETS.
- 103 BRAKE SHOES
- 105 SPRING BRAKE LEVER.
- 106 BRAKE ADJ. EYE BOLT.
- 107 BRAKE SHOE ANCHOR LINK.
- 109 BRAKE SPRING.
- 110 BRAKE SPRING ADJ. ROD.
- 111 BRAKE RELEASE AIR CYLINDER.
- 112 BRAKE RELEASE AIR CYLINDER PISTON.
- 112A PISTON CUP PACKING RETAINER RING.

- 113 BRAKE CYLINDER CONN. ROD.
- 114 PISTON CUP PACKING.
- 116 SPRING BRAKE LEVER FULCRUM PIN.
- 118 BRAKE EYE BOLT PIN.
- 119 ROCKER PIN.
- 120 ROCKER PIN WASHER.
- 121 SPRING ROD ROCKER BAR.
- 122 SPRING ROD GUIDE BUSHING.
- 124 BRAKE LEVER PIN.
- 127 BRAKE CYLINDER PISTON PIN.
- 128 LOCK NUT.
- 129 SPRING GUIDE ROD END.
- 130 BRAKE SHOE ANCHOR LINK PIN.
- 131 BRAKE SHOE AND CONN. LINK BUSH.
- 132 BRAKE LEVER AND CONN. LINK.
- 133 BRAKE SHOE CENTER LINK.
- 134 BRAKE SHOE CENTER LINK PIN.
- 135 BRAKE SHOE CENTER LINK BUSH.

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