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| 102 BRAKE LINING & RIVETS | 116 BRAKE LEVER FULCRUM PIN |
| 103 BRAKE BAND | 118 BRAKE ADJ. LINK PIN |
| 105 SPRING BRAKE LEVER | 118A BRAKE ANCHOR LINK PIN |
| 106 BRAKE ADJ. EYE BOLT | 119 BRAKE LEVER ROCKER PIN |
| 106A BRAKE ADJ. LINK & CLAMP PLATE | 120 BRAKE LEVER ROCKER PIN WASHERS |
| 107 BRAKE ANCHOR LINK & CLAMP PLATE | 122 SPRING ROD GUIDE BUSHING |
| 109 BRAKE SPRING | 124 BRAKE LEVER CONN. LINK PIN |
| 110 BRAKE SPRING ADJ. ROD | 125 BRAKE ADJ. ROD PIN |
| 111 BRAKE RELEASE AIR CYLINDER | 126 BRAKE SPRING WASHER |
| 112 BRAKE RELEASE AIR CYLINDER PISTON | 127 BRAKE CYLINDER CONN. LINK PIN |
| 112A BRAKE CYLINDER CUP PACKING RETAINER | 159 ECCENTRIC BRAKE DRUM & CAM |
| 113 BRAKE CYLINDER CONNECTING LINK | |
| 114 BRAKE CYLINDER CUP PACKING | |

ADJUSTMENT

ADJUSTMENT OF BRAKE BAND BY MEANS OF BRAKE ADJUSTING EYE BOLT (106) DETERMINES DISTANCE "B", BUT MUST NOT BE CHANGED AS LONG AS DISTANCE "B" IS BETWEEN $\frac{1}{4}$ " AND $\frac{1}{2}$ ". WHEN LESS THAN $\frac{1}{4}$ " 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 PISTON (112) CANNOT COMPLETELY RELEASE BRAKE WITH NORMAL AIR PRESSURE, CHECK THE CLUTCH TO SEE THAT IT IS RELEASING PROMPTLY.

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

TO BACK OFF MACHINE FROM STALL

- 1 - TURN INCHING HANDLE TO INCH POSITION ON TIMER - (SEE TIMER INSTRUCTION SHEET).
- 2 - IF CRANK HAS PASSED THRU FRONT CENTER, START MOTOR FULL SPEED FORWARD. IF CRANK IS AT, OR BEFORE FRONT CENTER, START MOTOR FULL SPEED IN REVERSE.
- 3 - ENGAGE CLUTCH WITH FULL TREADLE STROKE.
- 4 - IF MACHINE DOES NOT RESPOND, OPEN PRESSURE REGULATING VALVE TO FULL LINE PRESSURE TEMPORARILY, AND REPEAT OPERATIONS (2) AND (3).
- 5 - IF MACHINE STILL FAILS TO RESPOND, DRIVE DOWN TOOLHOLDER WEDGE. NEVER SET UP DIES AND OPERATE MACHINE WITH TOOLHOLDER WEDGE ALL THE WAY DOWN.