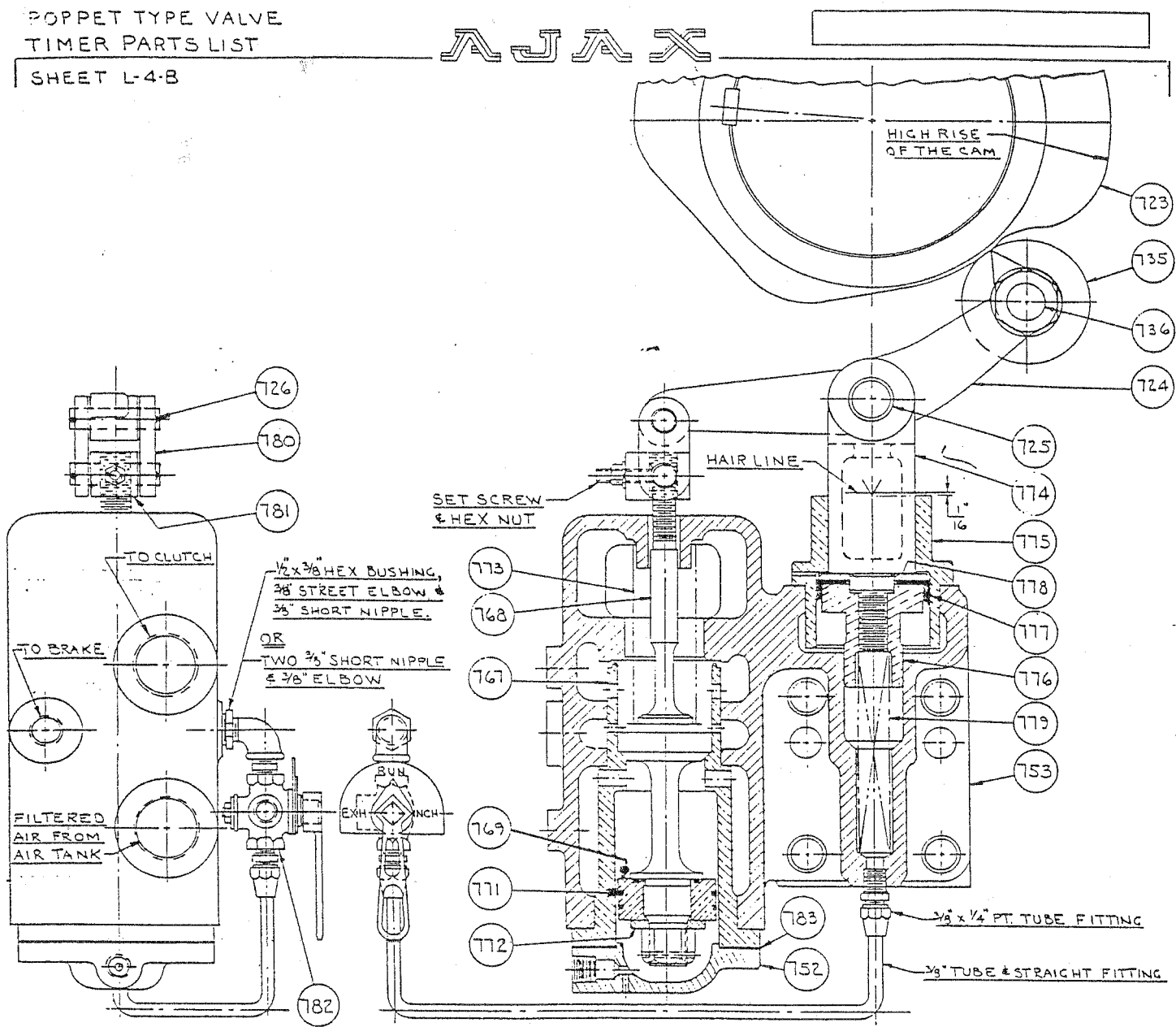


POPPET TYPE VALVE
TIMER PARTS LIST

SHEET L-4-B

A J A X



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

- | | | | |
|-----|---------------------------------|-----|--|
| 723 | TIMER CAM | 776 | FULCRUM PISTON NUT |
| 724 | TIMER BELL CRANK | 777 | FULCRUM PISTON CUP PACKING |
| 725 | CAM LEVER FULCRUM PIN | 778 | FULCRUM PACKING FOLLOWER RING |
| 726 | LINK PIN | 779 | FULCRUM COUNTER BALANCE SPRING |
| 735 | CAM ROLLER | 780 | LINKS |
| 736 | CAM ROLLER STUD | 781 | TRUNNION NUT |
| 732 | CYLINDER HEAD | 782 | INCHING SELECTOR VALVE, DIAL & POINTER |
| 753 | VALVE BODY | 783 | VALVE CYLINDER HEAD GASKET |
| 767 | VALVE SLEEVE | | |
| 768 | VALVE POPPET | | |
| 769 | VALVE PISTON & "O" RING PACKING | | |
| 771 | VALVE PISTON RINGS | | |
| 772 | VALVE PISTON CLAMP WASHER | | |
| 773 | VALVE POPPET SPRING | | |
| 774 | FULCRUM PLUNGER | | |
| 775 | FULCRUM CYLINDER | | |

THE A J A X MANUFACTURING CO.
CLEVELAND, OHIO, 44117

POPPET TYPE VALVE
TIMER INSTRUCTIONS

A J A X

ADJUSTMENT

STARTING CONDITIONS

HEADER SLIDE FULLY BACK, AIR SUPPLY ON.

PROCEDURE

WITH THE HANDLE OF THE INCHING SELECTOR VALVE (782) SET AT "RUN" POSITION, DEPRESS THE FOOT VALVE TO "ON" POSITION, AND OBSERVE THE POSITION OF THE "V" ON THE FULCRUM PLUNGER (774) RELATIVE TO THE FINISHED TOP OF THE FULCRUM CYLINDER (775). ROTATE THE ECCENTRIC SHAFT UNTIL THE CAM ROLLER (735) IS ON THE HIGH RISE OF THE TIMER CAM (723) AND AGAIN OBSERVE THE RELATIVE POSITION OF THE "V". IF THE HIGH RISE OF THE TIMER CAM HAS MOVED THE "V" $\frac{1}{16}$ ", THE SETTING IS CORRECT. IF NOT, LOOSEN THE HEX NUT AND SOCKET HEAD SET SCREW ON THE TRUNNION NUT (781) AND WITH A WRENCH ON THE FLAT OF THE VALVE POPPET (768) ROTATE IT TO OBTAIN THIS MUCH MOVEMENT. LOCK THE TRUNNION NUT ON THE CLOSEST FLAT WITH THE SOCKET HEAD SET SCREW AND HEX NUT. PROPER ADJUSTMENT CAN READILY BE OBSERVED WITH THE MACHINE IN NORMAL OPERATION.

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