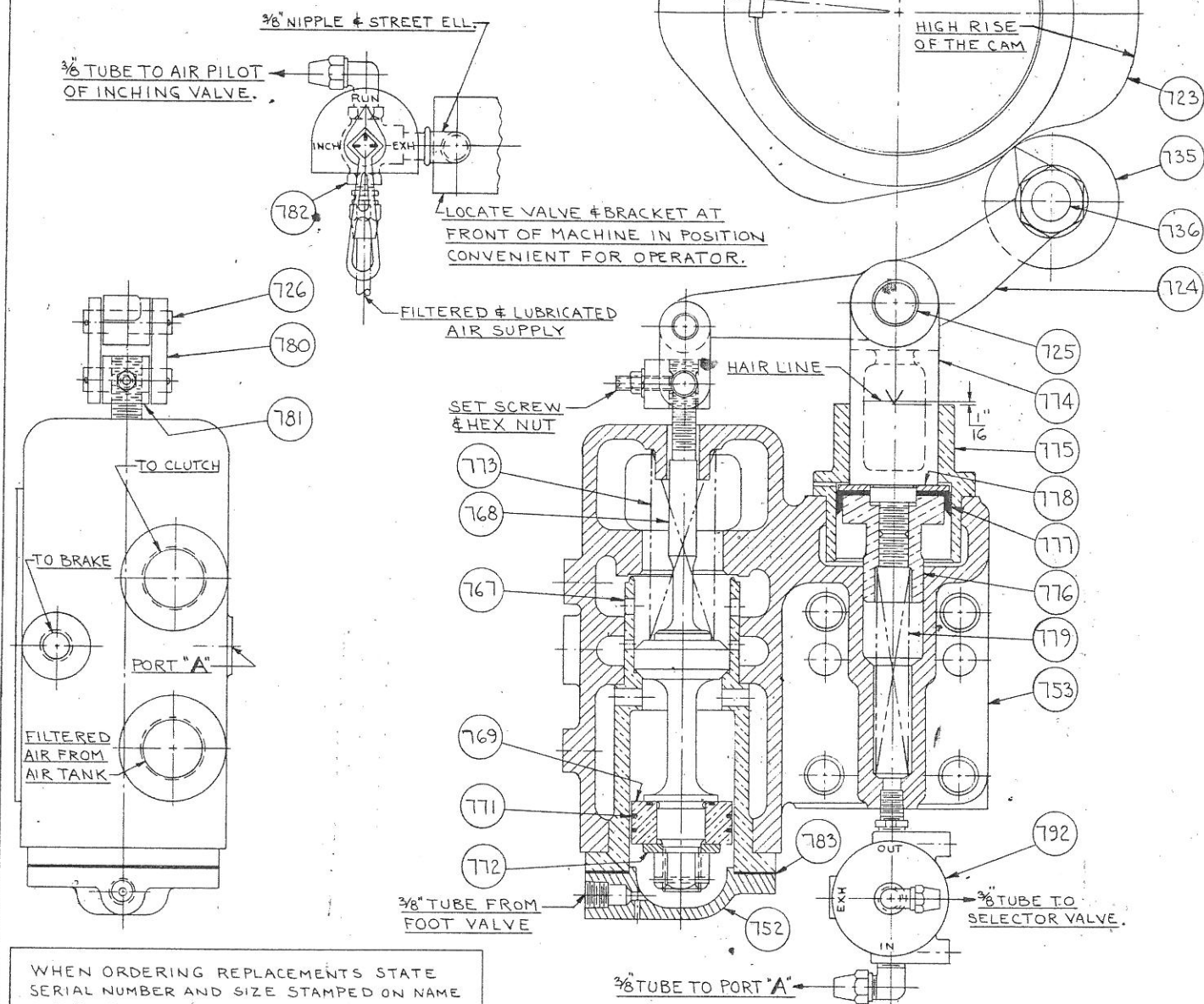


POPPET TYPE VALVE  
TIMER PARTS LIST

SHEET L-4-BA

AJAX



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                          |
| 752 CYLINDER HEAD                   | 782 INCHING SELECTOR VALVE DIAL & POINTER |
| 753 VALVE BODY                      | 783 VALVE CYLINDER HEAD GASKET            |
| 767 VALVE SLEEVE                    | 792 INCHING VALVE                         |
| 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 AJAX MANUFACTURING CO.  
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POPPET TYPE VALVE  
TIMER INSTRUCTIONS

AJAX

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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