

## Spirax Sarco Ogden Automatic Pump Replacing the Valves and Seats Installation and Maintenance Instructions

### Caution

Before installation or any maintenance is performed, ensure that all steam, air or gas lines are isolated to prevent personal injury.

Ensure any residual internal pressure in the pump or connecting lines is carefully relieved. Also ensure any hot parts have cooled to prevent risk of injury from burns.

Always wear appropriate safety clothing before carrying out any installation or maintenance work.

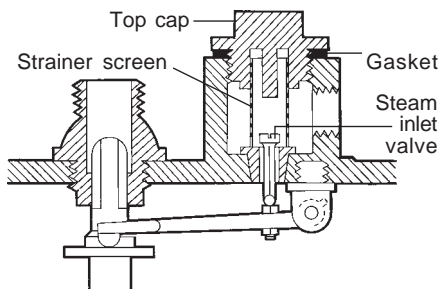
Always use suitable lifting gear and ensure the pump is safely secured.

### Steam inlet valve assembly

Before attempting to remove the top cover, unscrew and remove the exhaust valve seat.

Remove top cap, turn cover over and remove steam inlet valve and seat (seat is a press taper fit in cover).

Fit new steam inlet valve and seat.

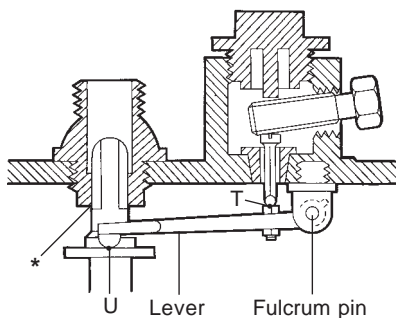


Refer to Fig. 2 above

Fit top cap, strainer screen and gasket. Torque tighten top cap to 75 / 80 N m.

### Exhaust valve seat

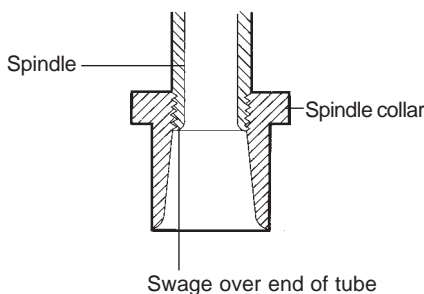
Before attempting to remove the top cover, unscrew and remove the exhaust valve seat.



Refer to Fig. 1 above

Insert one of the cover bolts through the steam inlet hole so that it lies on the steam inlet valve. Screw in the top cap finger tight to hold the valve firmly in the closed position. Hold points 'T' and 'U' in contact with lever and adjust tappet nut 'T' so that exhaust valve is just about to enter valve seat, \* 'leave mere line of light open' - less than  $\frac{1}{32}$ " (1 mm).

Remove top cap and cover bolt.



Refer to Fig. 3 above

Unscrew the bottom collar, slide the float onto the spindle, replace bottom collar and swage over end of spindle.

**It is important that the float is fitted onto the spindle with the face marked TOP uppermost.**

Reset the valves as described in the previous section referring to Fig. 1 and Fig. 2.