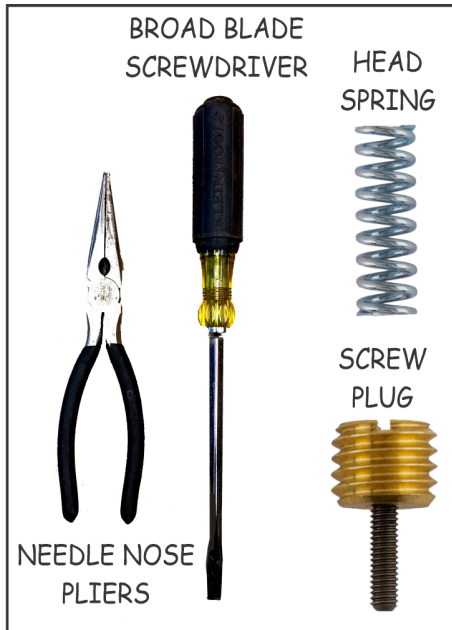


# FIXING HEAD VALVE LEAKS-1



It's a good idea to have the parts and tools pictured above handy before beginning the procedure.



Try screwing the screw plug into the valve handle to stop the leak before performing further repairs. **(NOTE-ON SOME VALVE HANDLES THERE IS AN ALLEN SCREW RETAINING THE PLUG)**



STEP 1:  
Shut off the steam and return valves. Close and lock the head. Then press down the head steam valve while performing STEP 2.



STEP 2:  
step on the buck steam and vacuum valve simultaneously to bleed off any remaining steam pressure.



STEP 3:  
With the head closed slide a couple of hangars over the end of the head then open it. Hangars will retain the position of the head to facilitate the repair.



STEP 4:  
Unscrew the plug from the valve handle. **(NOTE-ON SOME VALVE HANDLES THERE IS A 1/8" ALLEN SCREW RETAINING THE PLUG)**

# FIXING HEAD VALVE LEAKS-2



**STEP 5:**  
Remove the spring from the head valve. A needle nosed pliers is useful for this task.



**STEP 5-A:**  
If the spring is broken it's usually a slam dunk that it was the problem, if not it could be a bad valve disk. Whether the spring is broken or not, if you have a spare replace the spring.



**STEP 6:**  
Drop the new spring into the valve handle and get the lower end centered in the screw hole.



**STEP 7:**  
Lift the valve handle up all the way and using the large bladed screwdriver push the screw plug down into the threaded hole while rotating clockwise. You may need someone to hold the handle up for you as you push down on the screw plug. After screwing the plug in until it stops open the steam and return valves. You should be good to go.