



# KISCO MANUFACTURING

C O R P O R A T I O N

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Rebuilding Solenoid Valve on K 91 Watermeters

TURN OFF WATER BEFORE BEGINNING. Release pressure by depressing Faucet button.

NOW UNPLUG Unit. Screen should now be blank.

- 1- Remove plug from knob using a small screw driver. Note what temperature the Knob is set at.
- 2- Undo screw in center of knob using allen key
- 3- Gently wiggle knob until it comes off
- 4- Remove 6 plugs from front plate
- 5- Using a Phillips screwdriver undo all 6 screws
- 6- Now lift front cover slowly. There are two green plugs attaching the front plate to the main body. Pull firmly on the green plug..DO NOT pull on wires
- 7- Remove Solenoid coil from valve stem.
- 8- Using a Torque wrench remove the four stainless screws.
- 9- Gently lift the stem away from the body of the valve.
- 10- Make a note of the positioning of the diaphragm better yet use a cell phone to photograph for reference.
- 11- Remove the diaphragm and o ring from the valve.
- 12- Remove the plunger from the valve stem.
- 13- Clean any build up of minerals from the valve.
- 14- Install new parts into valve and valve stem.
- 15- Attach valve stem to valve using stainless screws that were removed in step 8.
- 16- Place solenoid coil onto valve stem. Ensure that it clicks into place or is secured with plastic lock nut.
- 17- Attach front cover making sure that green lugs have been firmly attached.
- 18- Fasten front plate screws.
- 19- Replace plastic plugs
- 20- Attach Knob. Making sure it is at the correct temperature.
- 21- Turn water on
- 22- Plug in unit
- 23- Test unit