

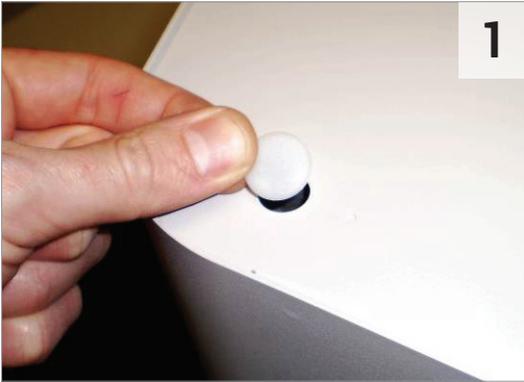


# *VALI Instruction*

REPLACEMENT OF VALI FLUID PIPE



# Instruction – Replacement of Vali Fluid Pipe



Remove the L/H side cover by removing the Hole Plugs and loosening the four screws.



Slide the L/H side cover away from the main body ensuring that the Earth lead is disconnected.



Repeat the above steps and remove the R/H side cover.

## (in the case of blockage)

PLEASE NOTE!

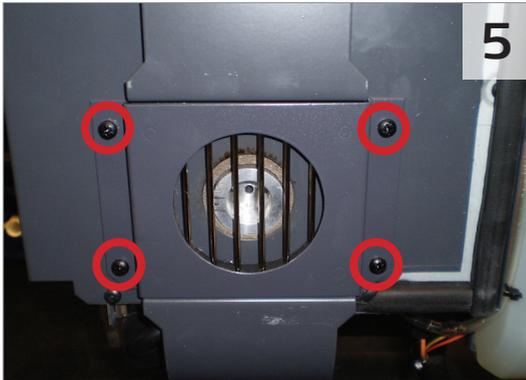


FOR CLARITY,  
THE VERTICAL STRAP IS REMOVED  
IN THE FOLLOWING PHOTOS

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Remove power lead, then disconnect battery leads. Also remove Fluid Sensor and Fluid Bottle to prevent possible damage during procedure.

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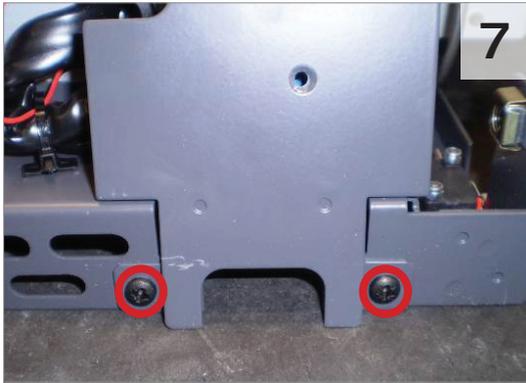
Remove the 4 x M4x10 Black Taptite Screws from the Trim Plate in front of the nozzle.

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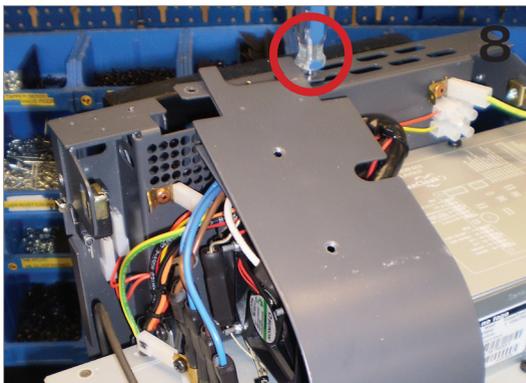


Drill out the 2 x Silver Rivets on the upper part of the vertical strap as shown, using a 3.5mm Drill bit.

# Instruction – Replacement of Vali Fluid Pipe



Now remove the 2 x M4x10 Black Taptite Screws holding the Vertical Strap in place at the top.



Gently manoeuvre the Vertical Strap away from the left-hand side of the machine, using a small screwdriver to hold the strap in position. This will provide better access for this procedure.



Now remove the 2 x M4x10 Taptites that hold the small metal bracket to the Heat Exchanger as shown.

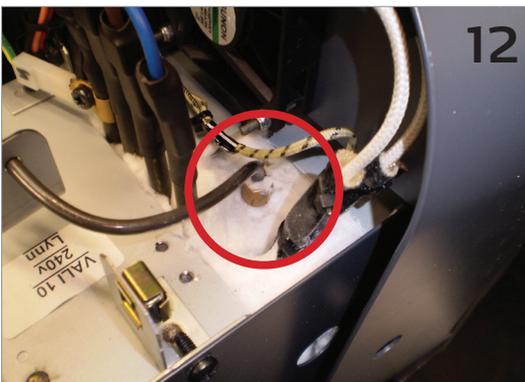
## (in the case of blockage)



You can now gently lever the Non-Return Valve out from the chassis as shown.

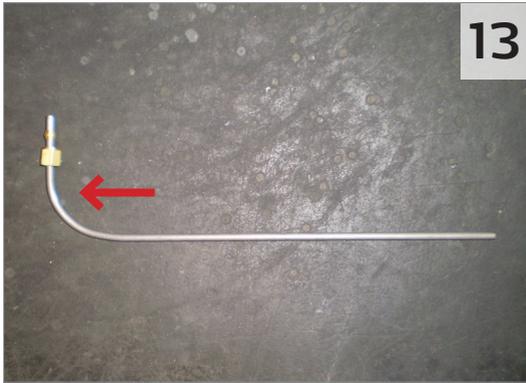


Using size 10 and 12 spanners, loosen the Brass Nut connecting the Non-Return Valve to the steel fluid pipe as shown.



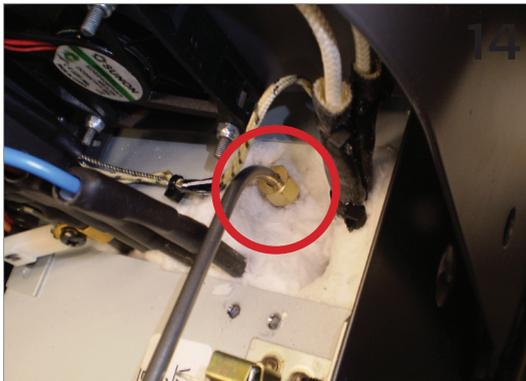
Locate the brass nut connecting the fluid pipe to the heat exchanger. Then loosen with a spanner so that the pipe can be removed as shown.

# Instruction – Replacement of Vali Fluid Pipe



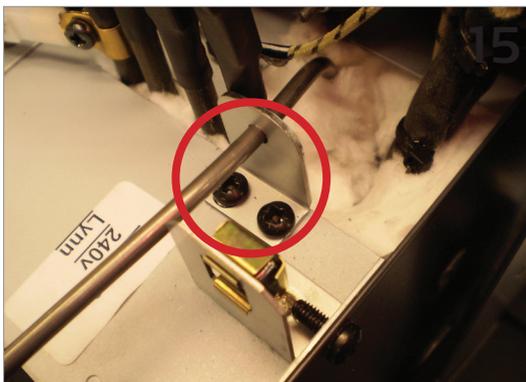
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Take your replacement pipe and brass fitting. Bend the pipe as shown and slide the 'olive' and 'nut' of the brass fitting onto the pipe.



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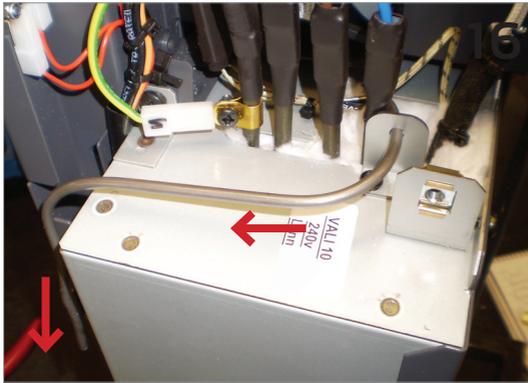
Insert the bent end of the pipe into the brass fitting on the Heat Exchanger and secure with the 'olive' and 'nut'.



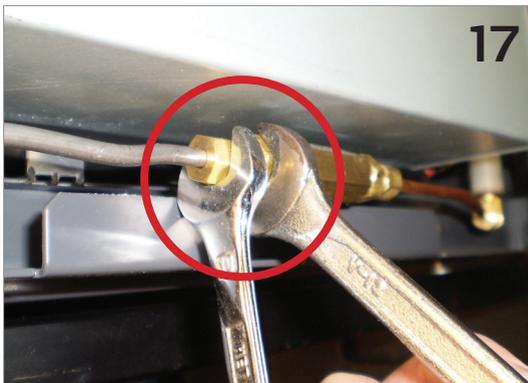
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Slide the small metal bracket onto the pipe and secure with the 2 x M4x10 Taptites that were removed earlier. (You may need to cut the old pipe to remove the bracket from it).

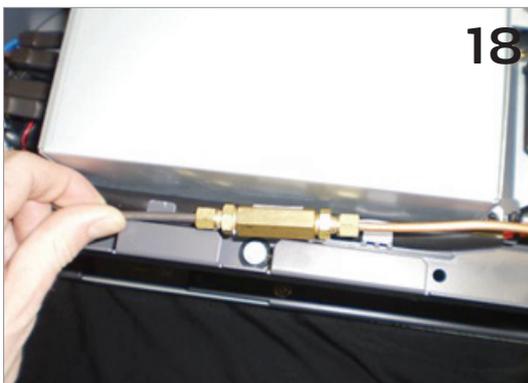
(in the case of blockage)



Now bend the pipe around the Heat Exchanger as shown.

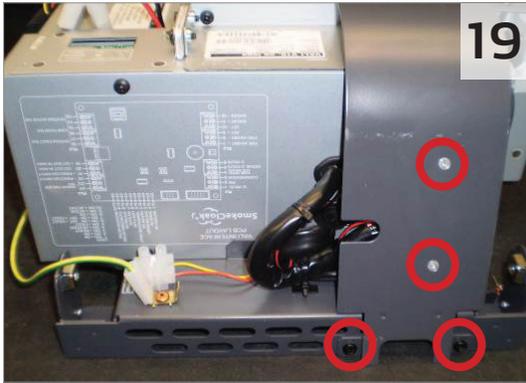


Using the other 'olive' and 'nut', re-connect the fluid pipe to the one-way valve using a size 10 & 12 spanner to tighten.



Now gently place the one-way valve assembly back behind the metal tabs of the chassis & underneath the Heat Exchanger

## Instruction – Replacement of Vali Fluid Pipe



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Now re-attach the top edge of the Vertical Strap using the 2 x Silver Counter-sunk Rivets (Supplied) and the 2 x M4x10 Black Taptite Screws as shown.



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Re-attach the Trim Plate using the 4 x M4x10 Black Taptite Screws removed earlier.



Re-connect Power Lead and power up machine. Then re-connect Battery Leads and 6-Way Connector and ensure Fluid Sensor and Fluid Bottle are correctly re-connected and installed.

(in the case of blockage)



Slide L/H and R/H covers back into place ensuring tabs on inside of each cover are correctly aligned with the central vertical strap. Also, ensure that the earth leads are re-connected on both covers.



Finally, tighten the 4 x screws and replace the 4 x white hole plugs (L/H) and repeat for the 2 x screws/ hole plugs on the R/H.

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