



TB10050

<b>Topic:</b>		<b>TB No.:</b> 10050	<b>Date:</b> 08/08/2019
<b>Affected Machines:</b>	MIX Font	<b>Priority:</b> Low	<b>Created By:</b> Gareth Fitzpatrick
<b>From Serial No.:</b>	All	<b>Created For:</b>	Technicians/ Baristas
<b>From Date:</b>	Mar 2017	<b>Pages:</b>	2

## MIX font diffuser update

Level of difficulty to modify: Low

UPDATE

### Issue:

The MIX boiler has an Ambient function. By setting the temp on the screen to 15, the boiler will deliver water from the mains supply to the font (Ambient). Using this function has resulted in a tank overflow message. The resultant ambient water is tracking back the hot pipe due to flow restriction on the font outlet. (Diffuser) Fig 1

### Solution:

Remove the existing diffuser following the below instructions and replace with the new less restrictive diffuser P/N 2100014 as per Fig 2.



Fig 1, Existing version



Fig 2, New version



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### NOTES FOR ENGINEERS

- Remove the existing diffuser, Fig 1 above by using a flat head screw driver and rotating the diffuser in a counter-clockwise direction. See Fig 3 below. Its best to take the font out of the counter but not necessary, just simplifies the process.
- Install the new diffuser P/N 2100014, 3 parts, outer chrome piece, diffuser and seal. See Fig 4. Insert the diffuser and seal into the chrome spout and install by turning clockwise direction. The circular tip should face down as per fig 4.
- Complete. The MIX system is now ready to be used as ambient, hot, or both!



Fig 3



Fig 4

### PART CODES

**Part code:**  
**2100014**