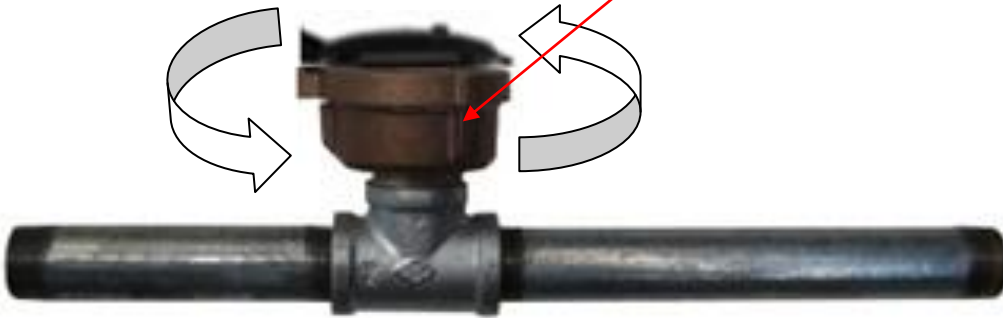


## REPLACING MODEL 'MRPU'(screw insertion) WITH MODEL 'MRTU'(slip insertion) FLOWMETER HEADS

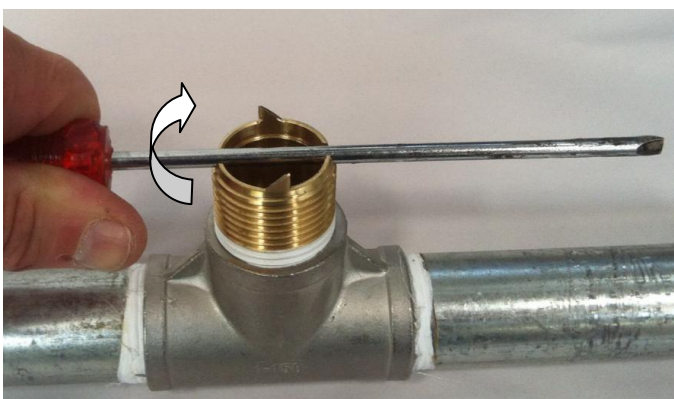
1. First remove the MRP head by unscrewing it (anti-clockwise) from the existing Tee socket using an appropriate gripping tool levering on the moulded lugs that are situated on the body of the meter.



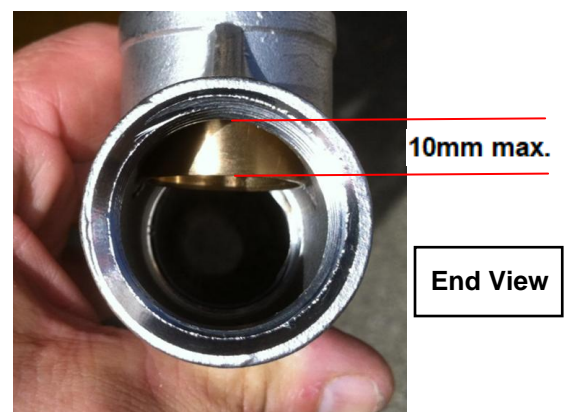
2. With a small steel brush clean out any old PTFE tape & other debris from the Tee socket threads.
3. Apply 10 layers of PTFE tape to the bottom of threaded BSPB (nipple adaptor).
4. Insert the BSPB nipple in to the socket.



5. Place a screwdriver with shaft 5mm diameter in to the square slots at the top of the BSPB nipple and tighten clockwise.



6. Keep turning the BSPB adaptor until the maximum 10mm insertion length inside the pipe is reached (absolute minimum 6mm).



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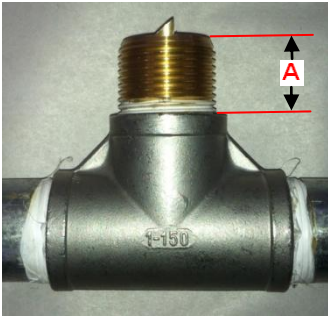
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6. (Continued) if the BSPB nipple is being fitted in situ and you cannot view the insertion inside the pipe then please observe the following :



**Ideal dimension 'A' for:-**  
 25mm GAL Tee = **27mm**  
 32mm GAL Tee = **20mm**  
 40mm GAL Tee = **20mm**  
 50mm GAL Tee = **20mm**

7. Screw the brass BSPB lock nut into place making sure the orientation of the locating key is correct running perpendicular to the pipe.



8. Grease the body of the MRTU with petroleum jelly particularly around the two O' rings.

9. Slip the MRTU flowmeter into the BSPB nipple observing correct orientation so that the slots on body line up with locating lugs on the nipple and so that the display will be in your desired position.

10. Push the MRTU all the way in until it locates with the locating lugs then screw down the black plastic MRTU locking cap until the sensor is secure.



10. After installation you should run a known volume through the meter and carry out a calibration (refer MRTU Datasheet).

11. The flowmeter is now ready for operation.



MRTU6 Display



MRTU4 Display

