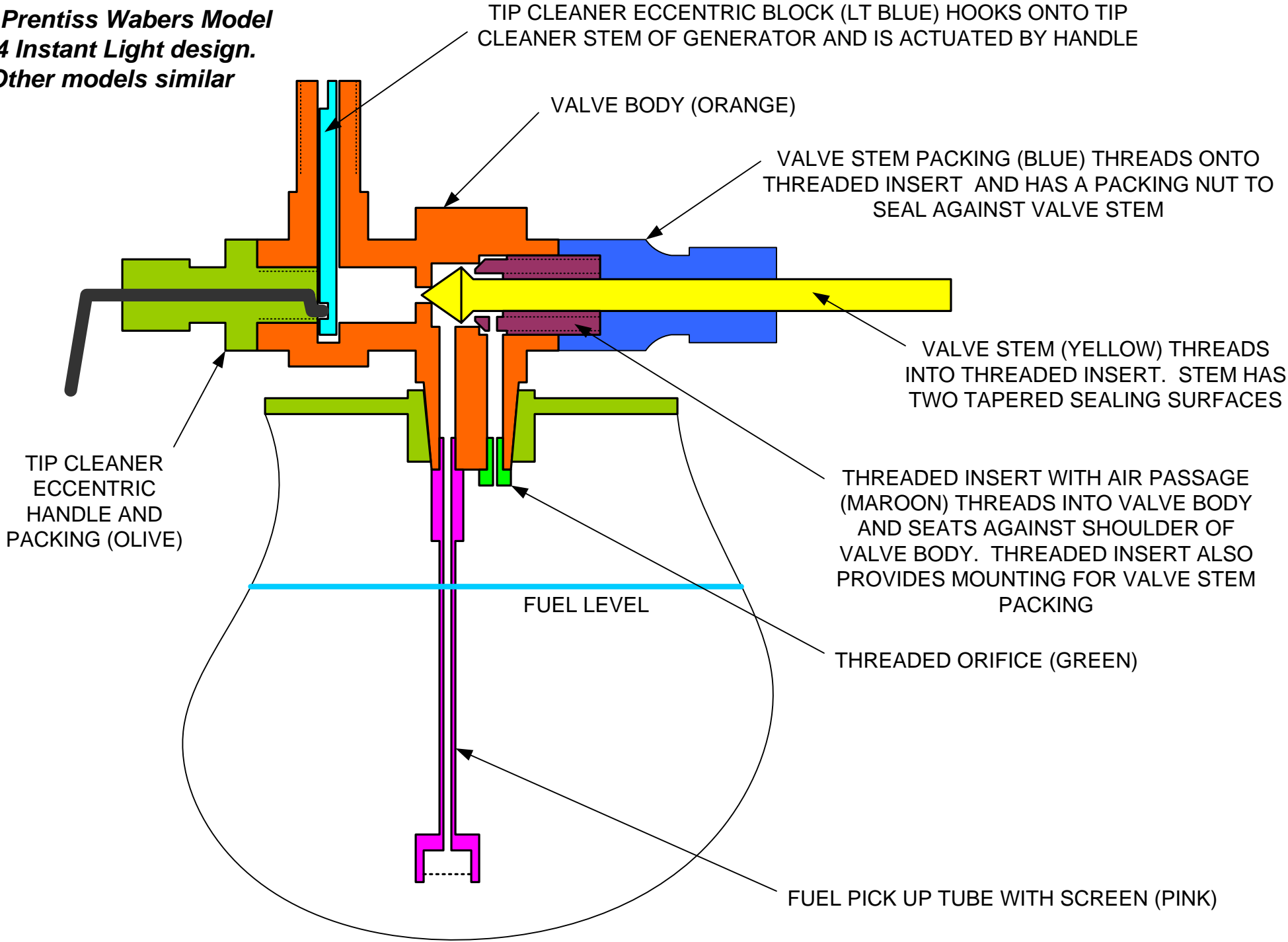
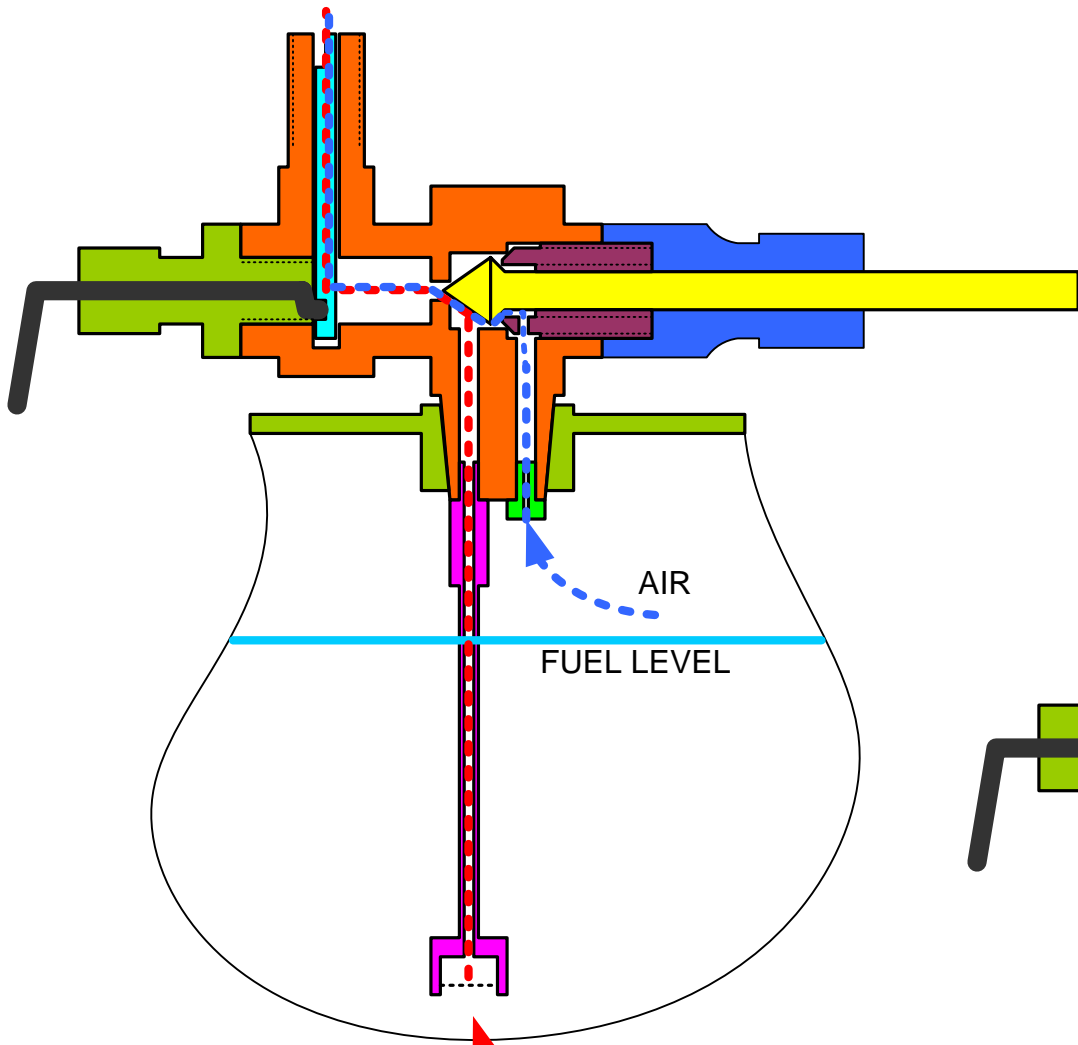


**The Prentiss Wabers Model  
L14 Instant Light design.  
Other models similar**





UPON INITIAL OPENING OF VALVE STEM, FUEL IS SUPPLIED VIA THE FUEL PICK UP TUBE. AIR FROM THE FOUNT IS SUPPLIED VIA THE THREADED ORIFICE AND PASSES THROUGH THE AIR PASSAGE IN THE THREADED INSERT AND THEN MIXES WITH FUEL IN THE VALVE BODY.

FURTHER OPENING OF THE VALVE STEM CAUSES THE REVERSE TAPER OF THE VALVE STEM TO SEAT AGAINST THE THREADED INSERT, THUS SEALING THE AIR CHAMBER OF THE FOUNT. FUEL ALONE IS ENTERING THE VALVE.

