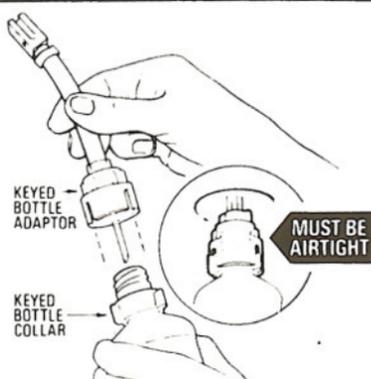


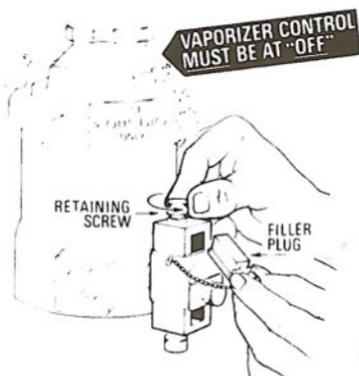
4.3 Keyed Filler

TO FILL

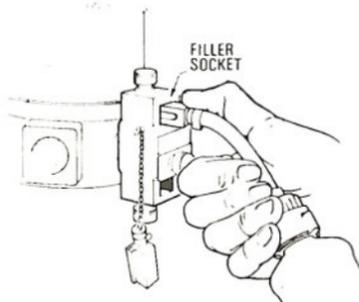
1 Remove cap and seal from anaesthetic bottle: Check anaesthetic bottle neck is not chipped or damaged. Match Keyed Bottle Adaptor To Keyed Bottle Collar, and screw together until airtight. The bottle is then ready for filling Vaporizer.



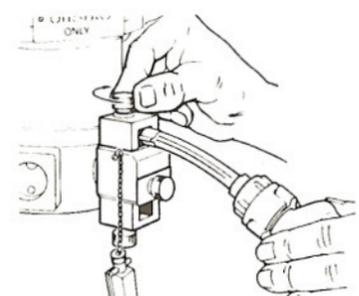
2 Ensure that the vaporizer control is set in the 'OFF' position. Turn top retaining screw on Vaporizer Filler unit counter-clockwise and withdraw Filler Plug. Note: Turn screw slowly if vaporizer is pressurised.



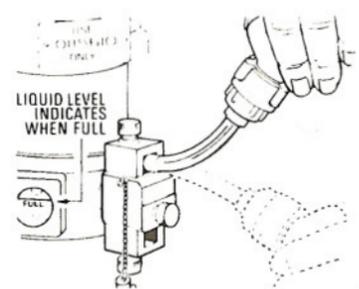
3 Grasp the Keyed Bottle Adaptor, and bottle, by the plastic tubing with the thumb on top of Adaptor at the keyway — with the two holes DOWNWARDS for filling. Fit into the Filler Socket normally sealed by the Filler Plug. ONLY the correct Adaptor will fit into this matching Filler Socket. Take care to bend tube slightly, so bottle is below inlet level to prevent spillage.



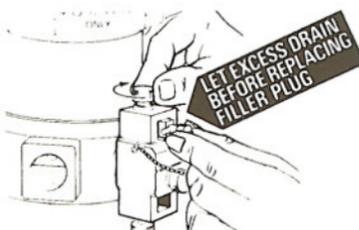
4 After insertion, turn the retaining screw clockwise and tighten to seal Filler Adaptor in the Filler Socket.



5 Raise bottle above level of Filler Socket, but avoid kinking tube. A steady stream of air bubbles should emerge from the inner tube within 2 seconds. If this does not occur perform procedures for clearing air locks.

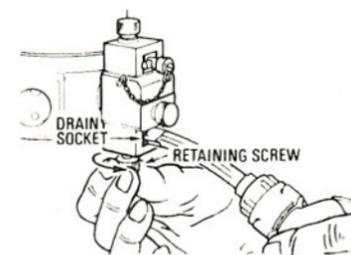


6 When vaporizer is filled to the 'full' level, lower the bottle. Remove Bottle Adaptor. If any excess liquid drains from the Filler Socket, allow this to escape completely before inserting and tightening Filler Plug. (BE SURE to replace and tighten plug or gas will escape through Filler). The Vaporizer is then ready for use.

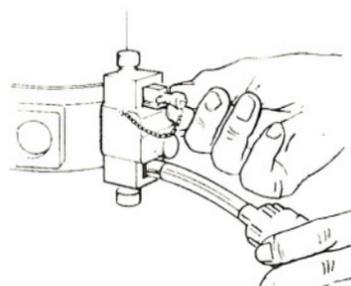


TO DRAIN

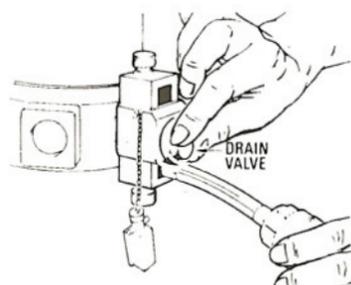
1 Insert the Bottle Adaptor in Drain (lower) Socket, with the two holes UP, and tighten retaining screw. ONLY the correct Adaptor will fit into the matching Drain Socket.



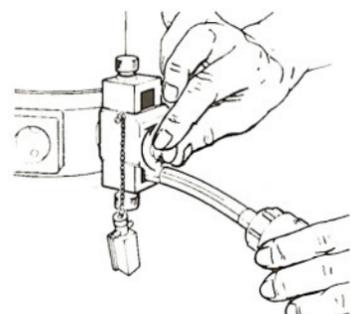
2 To let air vent from bottle and draining to occur, remove Filler Plug. Hold bottle slightly downward without kinking tube.



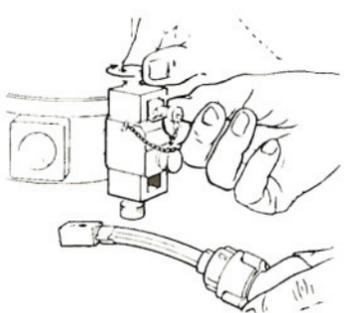
3 Open Drain Valve on front counter-clockwise and Vaporizer will drain.



4 At completion of draining close Drain Valve (clockwise). If draining process stops see 'Procedures for clearing air locks'.



5 Remove the bottle and replace the Filler Plug in the Filler Socket. Tighten retaining screw (clockwise).



PROCEDURE FOR CLEARING AIR LOCKS

Filling:

- Wait until air bubbles clear and slightly lower bottle (but keeping liquid level above filler socket or
- Gently lower and raise bottle several times or
- Lower and remove bottle adaptor and repeat from step 3 or
- Slide conical liquid deflector on inner tube away from cap to cover slide hole and repeat from step 3. Deflector must be repositioned correctly between cap and side hole immediately above side hole for draining.

Draining:

Check conical liquid deflector is correctly positioned and reposition if necessary.