++ CARTRIDGE IS PRE-LUBRICATED. ONLY OPEN IN A CLEAN ENVIRONMENT WHEN READY TO FIT. DO NOT REMOVE STEEL PIN FROM CARTRIDGE AS THIS CAN DAMAGE THE INTERNAL SEALS++

Thank you for purchasing this kit which contains the Buycombi Fit Once ™ cartridge and tools. Please remember, poor system water will limit the life of all your boiler parts including the seals in the Fit Once ™ canister. This kit is compatible with later Glow-worm, Heatline and the Vaillant ecoFIT range.

Before starting please go to the Support Material page on our website www.buycombi.com and watch the Fit Once ™ installation instructions relevant to your boiler type.

The following notes will then act as a reminder of the key steps once you have watched the video

1. Make sure the boiler is in standby (that is turned on but no demand for central heating or hot water) and with minimum 0.5bar of water pressure. This will ensure the diverter valve motor pin is in the correct position for easy removal of the motor. Note: if there is inadequate water pressure then boiler may not function and the motor pin could be in the wrong position preventing removal of the motor.
2. Now turn the boiler off and isolate from the mains electrical supply
3. Drain down boiler (open drain cock to ensure full drain down).
4. Place a rag under the diverter valve, undo the 2 retaining screws (not the screws holding the motor in position if there are any) twist and pull out the old cartridge. Retain the 2 screws to fit the new cartridge. See video for removal tip if valve is difficult to remove.
5. Remove the motor from the valve and retain for re-use
6. Clean inside the diverter valve case with a clean rag
7. Insert the replacement cartridge in the correct position and then push very firmly to fit in place. Fix in with the 2 retaining screws you removed earlier.
8. Re-pressurise the boiler by closing off both drain cocks, opening both isolation valves and topping up with the filling loop.
9. **IMPORTANT**: you must now check the internal service valve is in the open position. Using the service tool (black plastic tube) with a screwdriver attached, mate with the cartridge teeth and turn the tool **anti clockwise about 1/3 of a turn until you meet some resistance.** Now turn clockwise until you come to a stop – the valve is now where it should be in the open position.
10. Fit the motor and turn on to draw it into the valve body and hold into position as shown in the video
11. Fit motor retainers with the screws provided – the one retainer with a cut out should be fitted on the right
12. Run the boiler for a few seconds in heating and then water mode to purge any air. Then purge any air that has settled in the radiators and top up system pressure as required.
13. You can leave the service tool in the boiler next to the diverter valve so its available for the next service

SERVICE FREQUENCY

If you have clean system water and a magnetic filter then the seals should be replaced every 3 years. If you do not know the condition of the water and / or no magnetic filter is fitted then the seals should be replaced with the annual boiler service.