

HARWORTH HEATING LIMITED
 BLYTH ROAD HARWORTH DONCASTER DN11 8NE
 Tel: (0302) 742520 Fax (0302) 750573



TECHNICAL INFORMATION
 Samson Stat. used on 1 to 3 series appliances
 SHEET REF > Samson.CHP D1 020290



INTRODUCTION

Replacement of the thermostat cartridge can be an awkward job caused mainly by:

1. The pressure of the spring against the bakelite knob.
2. The realignment of the lever barrel "E" on re assembly before insertion of the lever "G".
3. The realignment back to its original marks of the white numbering system on the lower periphery of the bakelite knob.
4. The bakelite knob has a six start thread and if after replacement it is found that the numbers do not correspond to the temperatures as required, it will be necessary to unscrew the knob and restart on one of the other starts until the required alignment is achieved after which, it will be necessary to lock up the brass screw "B".

INSTRUCTIONS

5. Remove the brass screw "B". (See FRONT VIEW)
6. Loosen the lever locking screw "F" and withdraw the lever "G", taking care to remember which side the bend in the lever is on. (See TOP VIEW)
7. Remove the knob "C" and pull out the lever barrel "E". NOTE If screw "B" is not unscrewed enough, damage to the multistart thread can occur.
8. Remove the old cartridge assembly "F" (See SIDE VIEW)
9. Refit the new cartridge assembly making sure that the lever bracket "H" is placed facing the hole through which the barrel lever will be inserted (See SECTION TOP VIEW)
10. Using considerable pressure against the spring screw on the bakelite knob "C" until the lever bracket "H" is low enough to allow you to slip the lever barrel "E" into place, and then refit the lever "G" back into its original place securing it with the lever locking screw "F".
11. To check the correct functioning of the stat., the appliance should be allowed to reach a temperature of approximately 60 degrees C, at this temperature with the bakelite knob set to white numbers on the white marker line, the air inlet flap at the rear of the appliance should just be slightly open, so as to allow the appliance to maintain the required target temperature. If there is a problem adjustments can be made to the bakelite knob as described in 4 or the chain length via the small turnbuckle adjuster situated at the bottom of the chain. (Make sure ashpan door and spin valve are closed before adjustments are made).

