

Replacing the baffle plate and firebricks

Please note: In line with other stove manufacturers, Hi-Flame baffle plates, fire grates and firebricks are regarded as 'consumable' items and are therefore not covered under your warranty – for full warranty details please refer to the Hi-Flame website www.hi-flame.com. Only use genuine Hi-Flame replacement parts which you can buy from your approved Hi-Flame stockist.

Firebricks

Firebricks only need replacing when they have become thin or are crumbling and / or the cast iron fire chamber walls have become exposed. Hairline cracks are acceptable and larger cracks can be repaired by using a proprietary fire cement.

Baffle Plate

Your baffle plate will need replacing if part of it has burned away or it no longer deflects flames back into the fire chamber. If there is excessive damage you should review how you operate your stove. Damage could be caused by over-firing because of regularly over-filling your stove or using prohibited fuels which produce excessive heat (eg petroleum coke). Regular 'slumber' burning of mineral fuels which have a high acid content could also corrode the baffle plate when condensates are allowed to form because of the reduced temperatures of the flue gas.

Replacing the Baffle Plate and Firebricks

- 1 Make sure the stove is cold and that any ash has been removed from the fire chamber.
- 2 Protect any decorative floor coverings.
- 3 Remove the log retaining bar(s) at the front of the fire chamber by lifting upwards.
- 4 There are two pairs of retaining bolts at the left and right hand sides of the baffle plate which is positioned in the 'roof' of the stove. These should be unscrewed, however there is no need fully remove them. This will enable you to swing the baffle plate upwards so that the firebricks can be pulled forward at the top to clear the retaining 'lip' on the baffle.
- 5 Firebricks will need to be removed to maximise the free space to enable you to manoeuvre the baffle plate in and out.
- 6 It is advisable to apply a good quality penetrating or releasing oil to the retaining bolts before attempting to remove them. Always use the correct sized socket or spanner on the retaining bolts to ensure that they are not damaged when they are being loosened.
- 7 Inspect and replace the baffle plate if necessary ensuring that any soot and debris are removed from the flueway.
- 8 Replace any damaged firebricks as necessary and refit the baffle plate. Do not overtighten the retaining bolts as sufficient expansion space will be needed when the baffle plate and firebricks are at operating temperature.
- 9 Refit the log retaining bar(s).

