

FCX 20 Part #2363

If you purchased your boiler before 2012, you most likely have the Monitor branded FCX 20 boiler. On these boilers, there have been some concern with possible deterioration of part #2363. This is the connecting piece between the condenser and the PP plastic stack. This piece is a welded assembly of thin stainless steel that may not be totally resistant to the slight acidic content of the condensate. Whether or when this part may fail can not be predicted. So at least once a year you should check all venting and in particularly this piece. On the new Geminox boilers this piece has been redesigned. It is now an assembly with a PP plastic core and an outer steel enclosure. Contact your supplier about a replacement.

If you have a single pipe system and there is a hole in this piece, there is the potential for the leaking of flue gases into the room, and eventually condensate will leak through. In concentric flue system the part, if deteriorated, can begin to recirculate flue gases and condensate back through the burner and through the boiler. Because of the acidity of these gases it will eventually damage the boiler and the burner. This can be recognized by spots of white powder accumulating in the burner on the plastic and a discoloration of the metal parts. In the boiler, the residue of the debris can have a yellowish tinge and pasty in texture.

To inspect this part in a single pipe installation, you do not have to remove the flue. If your system is of the concentric type, you probably will. You need to be able to examine the outside of the inner pipe. You do not have to look at the inside of it. The following pictures show you what to look for:



Slight discoloration of surface when pinholes first start



End result

