



Cast Iron Joining Instructions



Please unpack your delivery carefully and inspect the radiator and contents – any damages or shortages must be notified to your supplier **within 3 days of delivery** of your goods.

Content list



Please note that the radiator may contain a small amount of water – please ensure that adqueate floor protection is provided before working on the radiator. At least 2 people will be needed to join the sections together due to the weight of them.

Inside your accessories box you will have:

Joining key (which is returnable)	Bushes
2 Nipples per join	Gaskets
2 Gaskets per join	Plug Vent



Please be aware that all joins, including the bushes, require a dry fit. Please do not use any PTFE tape, joining compound or Plumbers Hemp. If you do this may cause leaks in the joins and will invalidate the warranty.

Joining Instructions

A The radiator sections must be raised off the ground (on a flat surface) to allow the joining key to turn freely. Please do not place the radiators upright or on end whilst joining them.

B Position the sections to be joined the correct way up – the end with a rough casting finish along the join at the bottom and the end with the smooth cast finish at the top. Make sure that the trade marks are all facing the same way.

C The surfaces that are to be joined need to be cleaned – use a small blade or similar to remove any dirt from the face and screw thread.

D The joining nipples have one left and one right hand thread and these must be inserted correctly to avoid cross threading. The left hand nipple has a serrated edge and the right hand nipple has a smooth edge.

E Fit the paper joining gasket over each nipple, push carefully onto the nipple, and please make sure that they do not tear, until they sit in the groove in the middle of the nipple.

F Screw the nipples into the end of one radiator - NB just do one hand turn only. Offer up the 2nd radiator; make sure that the 2 nipples enter the second section entirely.

G Measure the distance required for the key to indentify how far in you need to place it and the insert the key through the open end of the waterway to locate the lug within the first nipple to be joined.

H Now tighten the 2 nipples alternatively to keep the radiators parallel. The key should be kept in a central position in the waterway whilst turning. Tighten the first nipple with 2 turns only, pulling the two sections together. Repeat this alternating between nipples, until both sections are joined hand tight.

I When both the joins have been hand tightened they will need extra torque applied to make a watertight seal. Use a metal extension rod to apply more leverage.

J Once the joins have been tightened fit the blanking plugs, bushes and gaskets. These are both also left and right hand to avoid cross threading.