

Sectional Radiators



Assembly Instructions

Please note that these photographs show MHS Clasico radiators, these instructions are also applicable to other MHS sectional type radiators.

1



Place the radiator sections to be joined onto a clean, firm and flat surface, ensuring that the machined faces and internal threads are perfectly flat and clean.

Each radiator section has right and left hand threaded connections on its opposing sides. The nipples also have right and left hand threads. For assembly you will need to identify and match their correct orientations.

For each assembly there are 2 joints to be made. Each joint requires one nipple and one gasket. The nipple key is used to tighten the joint via the indents internally in the nipple.

2



*Note: **Smooth end of nipple = right hand thread**, look into the radiator header, the prior nipples edge will help you orientate your jointing nipple correctly.*

Screw by half to one turn a pair of nipples into one end of the radiator assembly (as above).

Place a gasket over each nipple, approximately at the mid-point of the nipple.

DO NOT apply any jointing paste or tapes (e.g. Boss White, PTFE, hemp etc) to the gasket, threads of the nipples or the bushes of the radiator.

3



Slide the second radiator block up to the nipples, ensuring that the section/thread orientations are all correct.

Lay the nipple key over the top of the radiator so that the head is in line with the indents of the nipple to be turned. Mark the key shaft so that when it is inserted, the head aligns with the indents inside the nipple. Slide the key in from the open end of the waterway until it engages into the lugs of the nipple that is to be tightened.

Pull the section blocks together on initial tightening.

By turning the nipple key, rotate the nipple so that it pulls the two radiator assemblies together.

4



IMPORTANT: At this stage only rotate the nipple by one turn then repeat this operation with the other nipple. Repeat both of these operations in turn, gradually pulling the two radiator assemblies together, ensuring they are pulled up in parallel.

Finally, tighten the joints to fully compress the gaskets.

Minimum final torque Clasico, Burlington, Ionic & Liberty 200Nm Decoral and Multisec 140Nm

Notes: Do not excessively exceed these values. Water test only, do not air test.

Finally firmly tighten all bushes c/w gaskets into the left or right handed threaded ports.