HEADS01 Fitting Cylinder heads

**WARNING**

These are free advice notes, our advice is based on the information amassed over many years and our answers are given in good faith based on our experience of similar tasks we have encountered before. We naturally cannot give any guarantee that our suggestions will be successful, or that you are qualified or able to carry out any actions suggested.  If you feel that what is suggested is something outside your capabilities, **do not try**, instead we are happy to recommend someone who can do it for you.

Since the Vincent head has no gasket, here are some points you should observe to ensure good cylinder head sealing.

1, Ensure the joint faces on head and cylinder barrel are clean and dry.

2, Place the head on the barrel, you should be able to run a 2 thou (0.05mm) feeler gauge around the wide joint gap between head and barrel.

3, If this is not possible then increase the clearance by either grinding the head and barrel joints with fine grinding paste on the narrow liner face and coarse paste on the wide face. Or if a surface plate or similar surface is available covered with a sheet of fine emery paper careful movement of the head against the paper will soon reduce the wide face of the head to obtain the necessary clearance.

4, After the head joints are clean and display the correct clearance, the head should be bolted down in a diagonal sequence. It is important that the nuts and studs are clean, undamaged and lightly oiled. Slowly tighten the head nuts up to a torque setting of 32 ft lbs (43Nm). Increasing the torque figure substantially above that recommended will distort the head and or the barrel.

5, After a period of running re-torque the head to 32 ft lbs (43Nm).