

# LOTUS TWIN CAM WATER PUMP REPAIR KIT - FL304K

## Assembly details for Burton 'Module' type conversion only (non O.E.)

- 1) Impeller
- 2) Ceramic thrust washer/seal
- 3) Seal
- 4) Rubber 'slinger'
- 5) Bearing/shaft
- 6) Pulley flange - \*\*FL305
- 10) Module housing - \*\*FL860

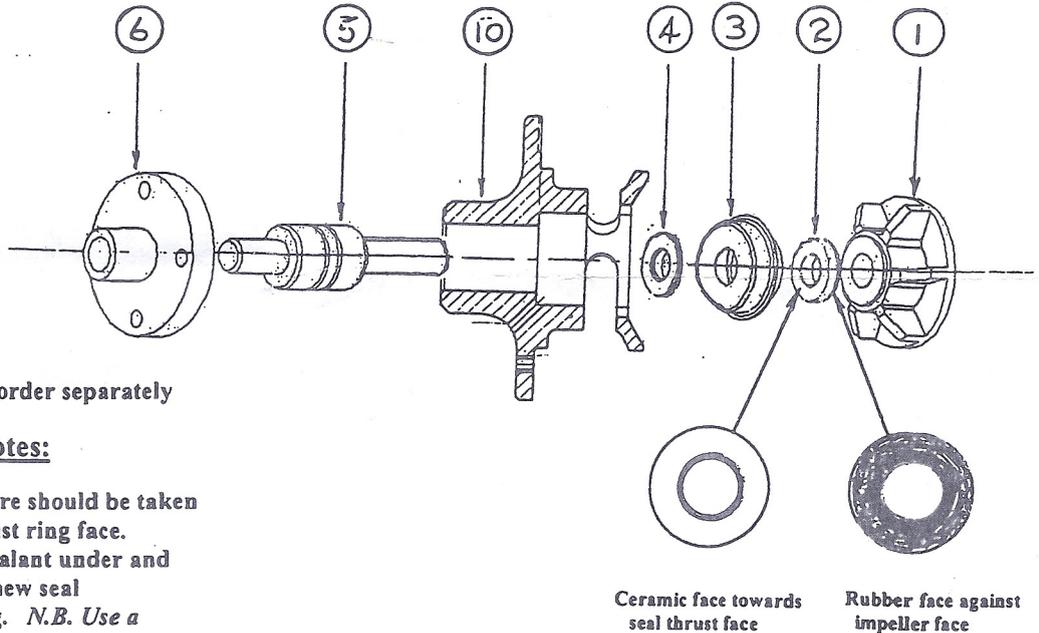
\*\* Not included in this kit - order separately

### Assembly notes:

When fitting the new seal (3) care should be taken not to mark or damage the thrust ring face. Apply a good quality silicone sealant under and around the metal flange of the new seal before pressing into the housing. *N.B. Use a suitably sized mandrel or sleeve to make sure the seal is pressed fully into the housing with the flange resting tightly on the top face. Remove any excess sealant from this area.*

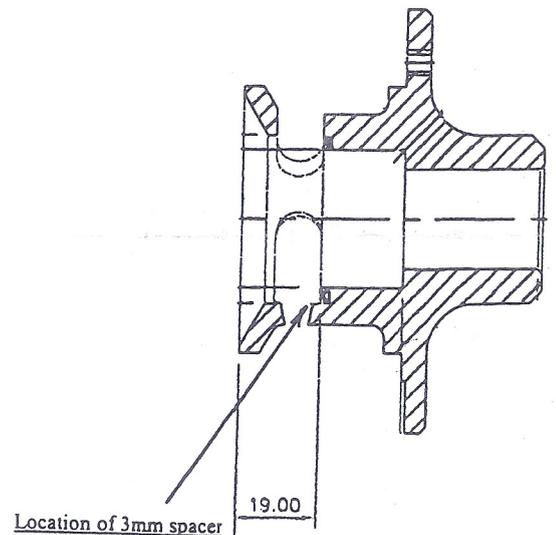
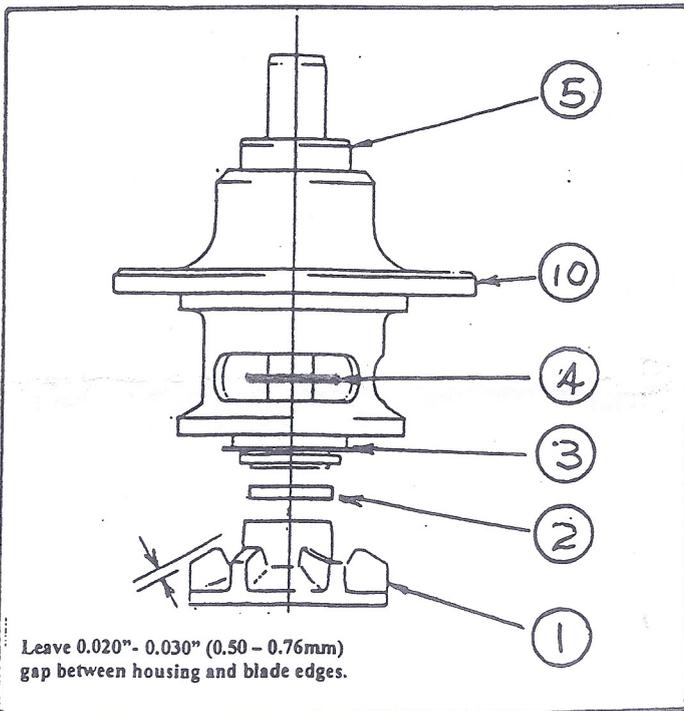
Apply a very light smear of silicone grease to the shaft end before fitting thrust washer (2). **N.B. DO NOT** put grease on thrust washer or seal faces.

On completion of assembly check that the sprung thrust pad on the seal is bearing on the ceramic face of the thrust washer and that the thrust washer rotates with the impeller when turned



### IMPORTANT - FL860 Modules

If you are refurbishing an old module, you must check to see whether the module you are using is pre or post June 2009. All current modules and those supplied after June 2009 use kit reference FL304K and can be identified by the part number stamping FL860 on the module body. All modules supplied prior to June 2009 which have no part number marking will require an additional 3mm spacer (part no FL861spacer) for fitment under the seal flange. To check whether or not your module requires a spacer measure the depth of the seal flange location - the correct depth should be 19mm as show in the diagram. Any modules with a depth of 22mm will require a spacer.



(Order part no. FL861SPACER if required)