

How to remove a blade from a broken shaft

As we bond the shaft and blade together using EPOXY RESIN, it is not possible to use a hot air gun to separate the two components.

To remove the blade from the broken shaft, please follow these instructions:-

- 1) Cut the shaft 7cm from the end of the blade using a metal hacksaw - this should leave the complete blade spigot intact.
- 2) Very carefully and slowly - cut the shaft along its length until you reach the blades spigot inside
- 3) Insert a sharp screwdriver / chisel into the cut and try to lever the rest of the shaft away from the spigot
- 4) If point 3) is not working, try to remove the rest of the shaft surrounding the spigot by carefully sawing / chiseling away the shaft to reveal to the spigot without causing any damage. It is important that the spigot is not damaged.

How to remove a broken blade from a shaft

As we bond the shaft and blade together using EPOXY RESIN, it is not possible to use a hot air gun to remove the broken blade from the shaft.

This process is quite difficult and can sometimes result in a broken shaft. If you are able to send the broken paddle to us, we have lots of experience in this type of repair.

Alternatively, please follow these instructions:-

- 1) Cut the broken blade off at the end of the shaft.
- 2) Then you need to try and drill the rest of the spigot out of the shaft, using a 22mm diameter drill.
- 3) Then carefully use a chisel to remove the remaining spigot
- 4) In order to create a clean surface for the new replacement blade, use a cylindrical grinding stone to remove any remaining spigot.