**P910 Electro Anodised Remover STRIPPING KIT 5L**

**Preparation of parts**

Only previously anodised aluminium parts should be put into the tank or be allowed into contact with the solution.

The best way to determine if an aluminium part has been previously anodised is to measure the electrical resistance of the surface of the item using a continuity testing device or a test meter. A high resistance indicates that the item has been anodised, whereas a low resistance (very close to 0 ohms) indicates that the item has not been anodised.

As the anodised part is to be supplied with an electric current, the point at which the croc clip comes into contact with, the item must be made conductive by removing the anodised area at this point (choose an unobtrusive area on the item if possible). The easiest way to achieve this is to use a sharp object such as a screwdriver to “scratch” away a small area of the insulating anodised layer.
This area needs to only be large enough so that the croc clip makes a good electrical connection to the underlying aluminium. No cleaning of the item is necessary before the anodising layer is removed, so the item can be connected via a croc clip lead to the anode bar and lowered into the tank.

 THE PROCESS

The bulb may not light at first especially with small items, but there should be foaming present around the item which soon covers the surface of the solution. If the item is coloured then this colour should also start to leach out into the solution.

The length of time required to remove the anodised layer depends on the size of the item and the thickness of the layer. Anything between a few minutes and several hours may be required but the item should not be left in the tank any longer than necessary. The item should be removed from the tank periodically, rinsed and the surface tested as described earlier to determine if the anodisation layer is still present. Several different points of the surface should be tested to ensure that the anodisation layer has been fully removed.

 AFTER STRIPPING

When the stripping process is complete the item should be thoroughly rinsed to remove all traces of stripping solution before being prepared do reanodisation. The cathodes should be rinsed in hot water along with any other items in the kit that have come into contact with the stripping solution. The kit parts can then be dried and stored away.

The stripping solution should be stored in its original container and clearly marked as to its contents when not in use.