



Mega Catch™

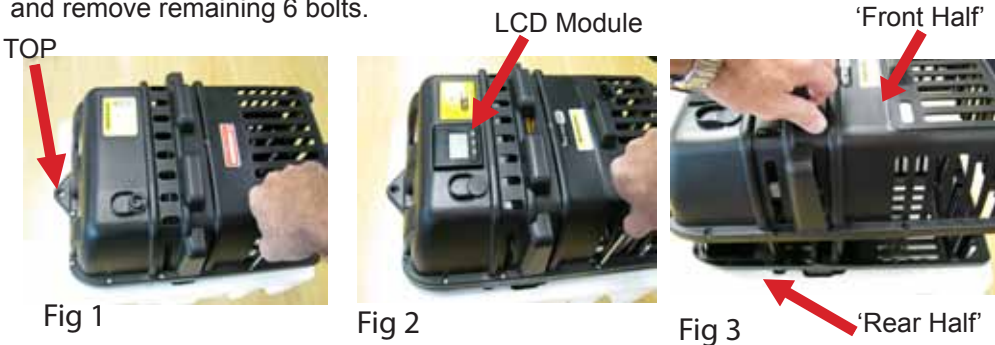
# REPLACEMENT INSTRUCTIONS CONTROL BOX Pro 900 PREMIER, XC & ULTRA

Mega-Catch™ Mosquito Traps have a modular design that enables the user to easily perform maintenance/repairs on the Trap without the costly charges required to send the Trap to a service centre.

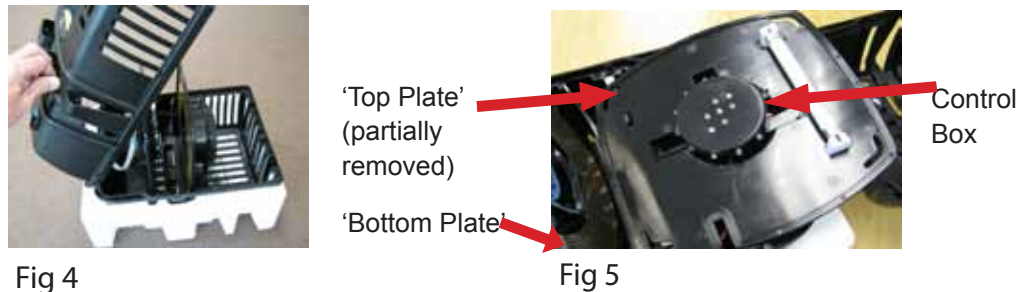
Please refer to the instructions below. Before opening the Mosquito Trap, **ENSURE POWER IS DISCONNECTED**

## Opening Your Mosquito Trap

Place the Trap on a table or other suitable flat surface ensuring the LCD Module (XC / ULTRA) or BLUE On/Off Switch (PREMIER) is facing downwards (Fig 1). Remove 6 bolts. Turn Trap over (Fig 2) so that the LCD Module or On/Off switch is now face up and remove remaining 6 bolts.



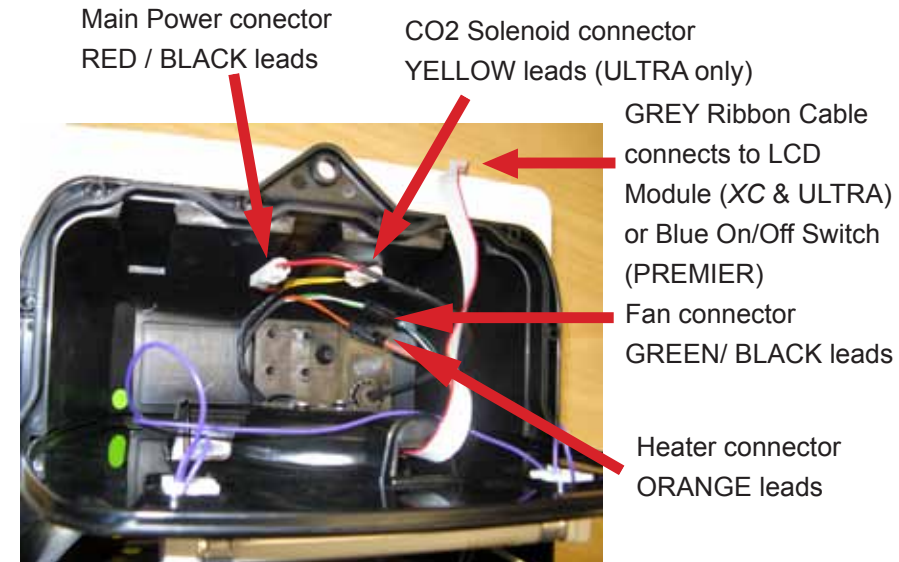
Raise 'Front Half' of Trap (Fig 3) a couple of inches. Then 'flip' the 'Front Half' over (Fig 4) as if it were hinged at the top and lay it down on work surface.



On the underside of the 'Top Plate' you will see the **Control Box** (All models) and **UV Tube / Holders** (XC & ULTRA only)(Fig 5).

## Removal of 'Top Plate'

Step 1). Unplug the connectors indicated in Fig 7.



Step 2). Ease the 'Top Plate' up to release the Heater and Fan leads (Fig 8).



Step 3). Remove 'Top Plate' (Fig 9 ) and place on flat surface (Fig 9a).



Fig 9



Fig 9a

## Removing the CONTROL BOX

Step 1). The CONTROL BOX is held in place by two small screws. Remove these and the CONTROL BOX can be taken off the 'Top Plate' for replacement.



Step 2). Disconnect the connectors for Main Wiring Loom (All), Ribbon Cable (All) and UV Lamp (XC & ULTRA) from the CONTROL BOX.

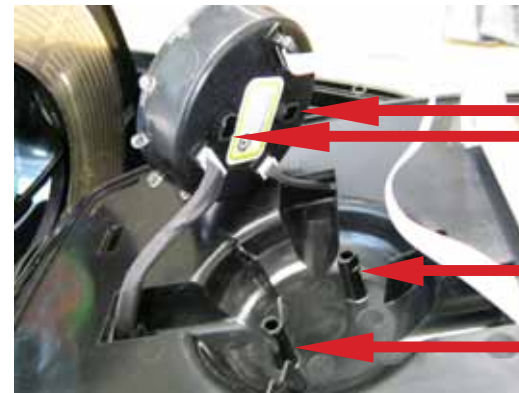


Main Wiring Loom.

UV Tube.

## Replacing the CONTROL BOX

Step 3). Re-insert all connectors into the new CONTROL BOX connection sockets. **Note:** All connectors are 'keyed' such that they will only fit 'one way' and only into it's corresponding socket. DO NOT use excess force to insert connectors. The orientation of the connection sockets, locating holes and locating studs is such that the CONTROL BOX will only fit 'one way' onto the underside of the 'Top Plate'. Once it is correctly oriented and seated, secure in place with the screws that were removed in Step 1



Locating holes on Control Box

Locating 'studs' on underside of 'Top Plate'.

## Reinstallation of 'Plates'

Once all connections are made, ensure all 'Plates' and cables are correctly located (Fig 10, 11 & 12).

There are arrows on each 'Plate' (Fig 10) that point to the 'Rear Half' of the Trap i.e. the half that does not contain the LCD Module (XC / ULTRA) or Blue On/Off Switch (PREMIER).

To aid with reassembly there are also colored locator dots on the upper-side of the 'Plates' and inside the 'Rear Half' of the Trap (Fig 11). Align the GREEN dot on the 'Top Plate' with the GREEN dot inside the 'Rear Half' of the Trap, and the YELLOW dot on the 'Bottom Plate' with the YELLOW dot inside the 'Rear Half' of the Trap.

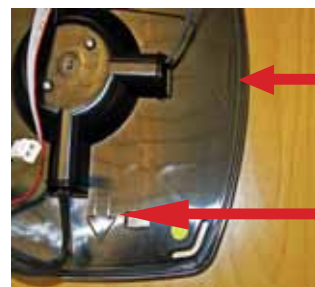


Fig 10

Arrows



Fig 11

YELLOW dots ('Bottom Plate')

GREEN dot ('Top Plate')

Re-connect the connectors indicated in Fig 12.

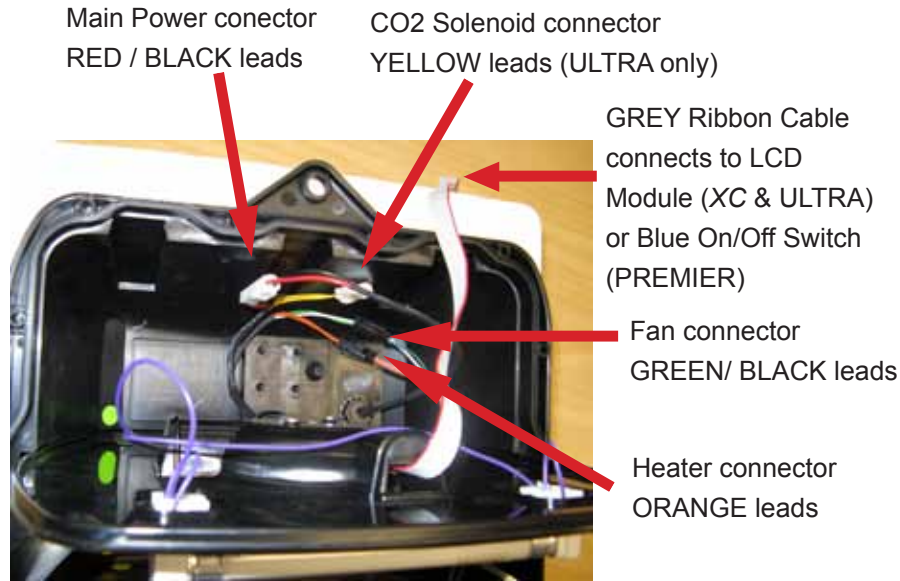


Fig 12

## Re-assembly of Trap



With the 'Top Plate' and 'Bottom Plate' in place in the 'Rear Half' of the Trap, replace the 'Front Half' of the Trap (containing either the LCD module or BLUE on/Off Switch) ensuring that each 'Plate' slots into the locating ribs.

## Removal / Reinstallation of Seal

Fitted to the groove around the top inner surface of the Trap is a rubber seal. This seal pushes into place for weather protection and should be reinstalled prior to final assembly of the Trap. The seal is formed to the shape of the Trap.



The 12 screw holes should now be aligned for replacement of the screws and nuts. Hold the nuts into the pre-formed hexagonal holes and carefully screw in the screws.

Note: Do not overtighten the screws. This could cause the nuts to rotate and damage the pre-formed hexagonal fittings in the plastic housing.

Connect power and test operation.