



REPLACEMENT INSTRUCTIONS

FAN

Mega Catch™

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.



Fig 1



Fig 2

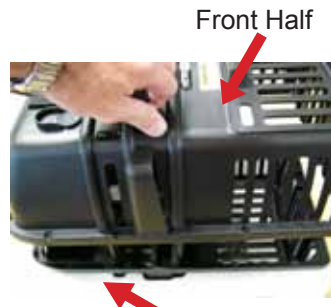


Fig 3

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.



Fig 4



Fig 5

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

On the upper side of the 'Bottom Plate' you will see the **Heater Element** and on the underside is the **Fan** (Fig 5).

Removal of 'Bottom Plate'

Step 1). Disconnect the Heater (Orange leads) and Fan (Green/White leads) connectors located above the 'Top Plate' (Fig 7).

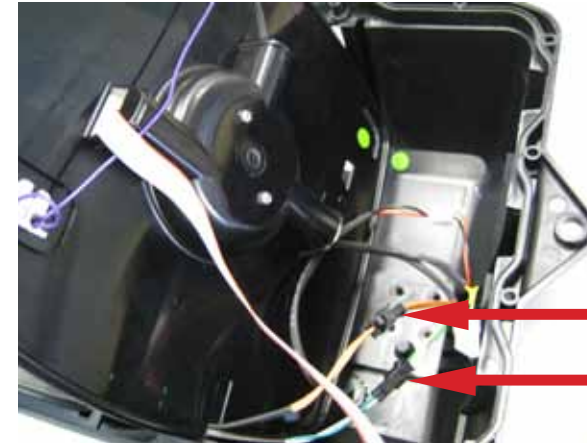


Fig 7

Heater connector
Fan connector

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



Fig 8

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



Fig 9



Fig 9a

Replacing the FAN

Step 1). Remove Fan Guard, by twisting counter-clockwise.



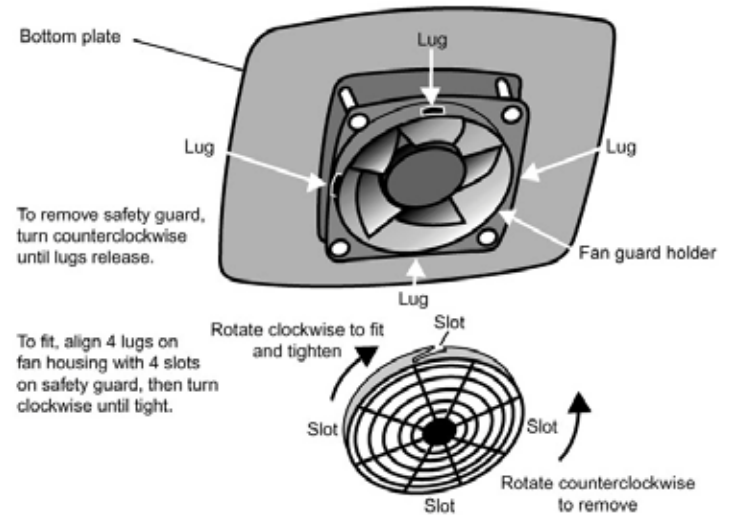
Step 2). Remove four screws. Then remove fan guard holder from fan.



Step 3). Lift Fan clear for replacement.



Note: It is not necessary to remove the nuts located permanently beneath Heater surface on opposite side.



Note: When reinstalling Fan or new Fan ensure struts and label are facing into the 'Bottom Plate' and that the open side of Fan is facing you. i.e. the silver and black label on the fan should be seen from the upperside of the 'Bottom plate' (see Fig 11) on the same side as the reflective heater. Ensure that water is not allowed to enter the motor and that the unit is dry prior to reinstallation (dry with compressed air or blow dryer).

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.

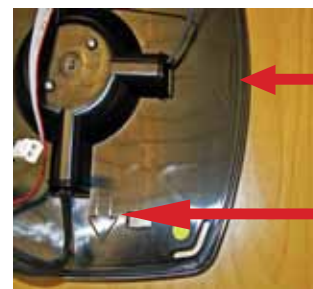


Fig 10

Arrows



Fig 11

YELLOW dots ('Bottom Plate')

GREEN dot ('Top Plate')

Re-connect the Heater (Orange leads) and Fan (Green/White leads) connectors (Fig 12), located above the 'Top Plate'.

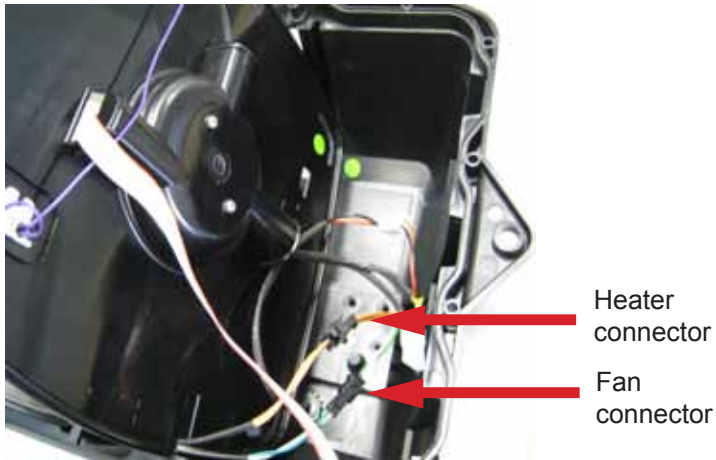


Fig 12

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.



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.



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.