

What is the Zap Trap?:

Zap Trap is a unique, portable possum trap that works in conjunction with a baiting system to eradicate possums. It uses a sophisticated electronic circuit to electrocute the possum. Once killed, the possum is released and falls to the ground. The trap then resets itself and is ready for the next possum. The trap uses a simple bait – fruit jam - to entice the possum into the trap. The trap will keep operating for many nights without the need for attention. The Zap Trap is battery powered and has the potential to kill up to 80 or more possums per battery charge.

Warning: The Zap Trap uses electricity to kill the possums. Always treat the trap as ARMED and switch the trap off before touching any internal parts. Do Not add bait while the trap is ARMED. HIGH VOLTAGE - RISK OF ELECTRIC SHOCK

Possum Catching Tips:

Tip 1. Place the trap as closely as possible to an area of known possum activity in known possum habitats eg. under trees, in sheds. This will improve the chances of catching possums quickly. Look for Possum droppings, Possum trails, fur on the ground (possums fight around food) or damage to new shoots, fruit etc.

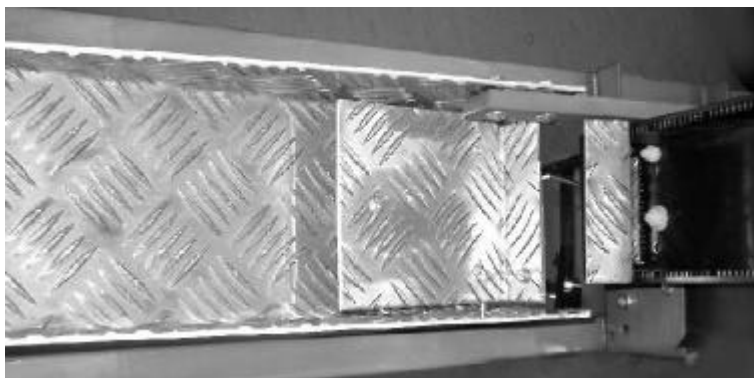
Tip 2. The Zap Trap and baiting the area are part of a system to attract the possums to the trap. Place bait stations (we recommend the Allen bait stations¹) around the area before you introduce the Zap Trap. This will attract possums and encourage them to stay. Your Zap Trap can be used as a bait station but we suggest the spikes are removed.

Once the possums are eating from the bait stations, introduce the trap to the area. The trap can be working somewhere else at this time.

Tip 3. The most effective bait for the trap has been found to be jam and apple based paste. Fill the bait box to the top of the metal plate – with the trap turned off. This will allow the possums to lick up the jam. Do not pour too much jam inside the trap as this could cause false triggering and stop the trap from operating. Do not use dried food in the Zap Trap, it will not work.

Tip 4. If wasps or bumble bees are likely to be present in the area spray the trap and bait box with fly spray. Fly spray and dead wasps will not deter the possums from entering the trap or licking the bait.

Operating instructions:



Set up the trap on level ground - the Zap Trap requires level ground to allow the trap door to open correctly.

Arrange a board, as a ramp for the possums to run up into the trap, 100x 25 approx. is fine. Attach the clip to the ramp and hook the ramp on to the trap. After installing ramp check that the trap door is free to operate without fouling on the ramp. The ramp can be between the trap and the ground or across to a tree branch, fence post etc.

The electronic controls for the trap are located underneath the main cover. Remove the knob at the back of the trap tilt the cover upward, revealing the control box and the bait box. The bait box is the smaller black box with the angled aluminium plate fitted to it. See picture above.

Warning: Check that the trap is switched off before adding bait to the bait box.

Add jam as bait to the bait box - standard fruit jams are fine. Possums are attracted to sweet foods. Don't use dried food in the bait box.

Switch on the trap with the On/Off switch. The lights will all flash once and go out. The green standby light will then continue to flash at the rate of once per second. Carry out a **Test** of the electronics before arming the trap.

Warning: During the test the trap will become "live" for a short period. Do not touch the metal parts during this time as a shock may result.

To **Test**, push and release the "mode" button. The red light will come on and stay on for the duration of the Test period.

If the yellow fault light flashes, count how often it flashes and check page 5 to determine the fault.

After approx 15 secs there will be a click as the solenoid actuates. This indicates that the Test period is finished and the red light will go out.

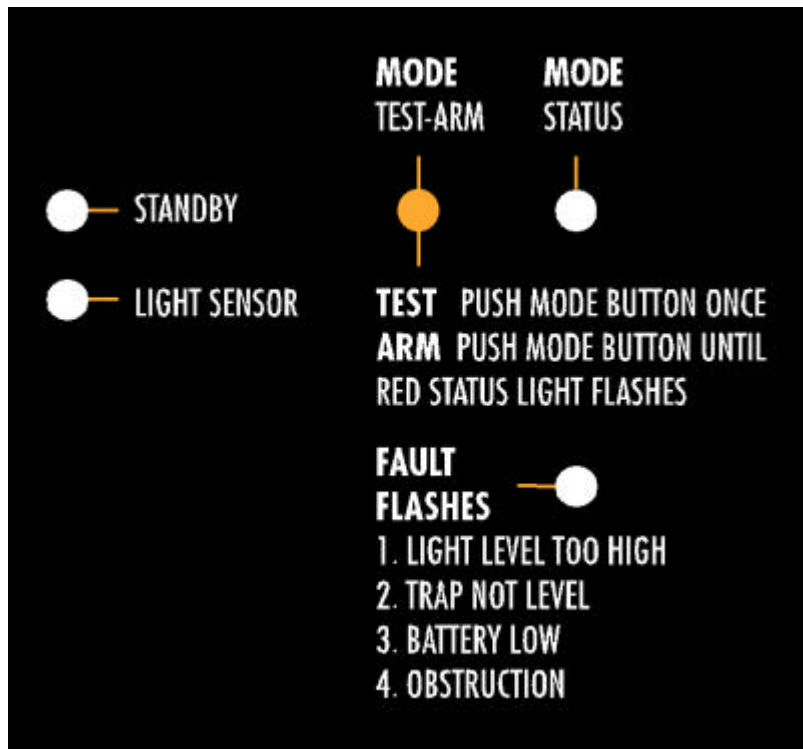
Check that the trap-door is latched back into position after the test by pushing it down. If it is latched you will not be able to push it down. If it is not latched push the

trapdoor down approx 100mm and let it return to its normal position to ensure that the solenoid latching mechanism is reset correctly.

To **ARM** the trap push and hold the “mode” button until the red light flashes. The light will flash rapidly for 10 flashes and then stop. The trap is now armed. The red light will continue flashing while the trap is armed. The trap only arms itself in the dark as possums only come out at night. If there is too much light the trap will automatically turn on when it gets darker.

Warning: DO NOT TOUCH the bait box or footplate once the trap is armed.

Features of Lights on Control Panel:



Standby Mode: (Green Light)

The light flashes once per second - the Zap Trap is not operational and it is waiting for instructions.

Mode Test/Arm: (button)

This button either **ARMS** the trap or puts it through a **Test** cycle depending on how long you hold it down for:

- to **ARM** the trap the button needs to be held down until the red light flashes.
- to **Test** the trap the button needs to be pushed only once.

Mode Status: (Red Light)

In the **Test** mode this light stays on for the duration of the test - approx 20 seconds.

In **ARM** mode the light flashes 10 times before the trap becomes **ARMED**. To show the trap is **ARMED** the red light flashes once per second.

Fault Flashes: (Yellow Light)

One flash every 2seconds - there is too much light and the trap will not **ARM** until the light level is lower. Remember possums only come out at night. Close the lid and when the light level drops sufficiently the trap will automatically **ARM** itself.

In **Test** mode if there is too much light to carry out the test, place your finger over the light sensor until the yellow light stops flashing and begin the test again.

Two flashes every 2 seconds - the trap is not level enough to operate safely. Adjust legs or move trap to more level ground.

Three flashes every 2 seconds - the battery level is low, charge or replace the battery.

Four flashes every 2 seconds - an object is caught inside the trap between the footplate and the side of the trapdoor causing the trap to think that a possum is still in the trap. It may be damp leaves, a spiders web, dirt, jam, or some other foreign object. Turn the trap off and clean the area around the footplate.

Warning: Switch the trap off when washing down the footplate and trap door area. Do not get water into the control box.

General Information:

Due to the potential shock hazard it is important to make sure the trap is not accessed by unauthorised and untrained operators. It is possible to lock the trap with a padlock.

It is best to locate the trap in an area that is away from the general public.

If possible, locate the trap in an area away from direct wind and rain as this will reduce false triggering from water ingress.

General Maintenance:

As with any tool, the trap will need some basic maintenance to keep it operating effectively. The most common problem is items such as wet leaves or surplus jam entering the trap and causing it to false trigger. Regular inspections of the bait and footplate area to remove the extraneous debris will provide fault free running.

Warning: Remember to turn the trap off first before removing objects from the footplate area.

Check the trap door mechanism from time to time by putting the trap through the test run before arming. This determine if the door operation is restricted in any way.

There are no adjustable parts on the Trap.

Warranty:

Electropar Limited warrants the Zap Trap for a full 12 months from the date of purchase given that the trap has been used in accordance with the operating instructions and not subject to misuse or rough handling.

The warranty will be void if the electronic box has been opened or tampered with. The Zap Trap does not like water. It can handle rain drops but total submersion in water will destroy the electronics.

There is no guarantee with regard to the quantity of possums that the trap will kill. Warranty is limited to the physical operation of the trap only.