

Routine Maintenance – Keeping Air Passages Clear

For your mosquito exterminator to operate properly, the vacuum fan must function without restriction. It is important to check for freedom of operation and to clean the fan to prevent any possibility of blockage or restriction. If the fan is blocked and left blocked for several days or more, the warmth from operation can seriously damage the unit.

To Inspect

Perform every 2 days when in operation.

Tools Required: Flashlight

1. Remove rain cover, FineTune™ ring and lure
2. Check vacuum path around appliance by pointing flashlight into the gap between clear cover and black engine body (1)
3. Check fan area by pointing flashlight beam through center of clear engine cover into fan area (2)
4. If passages are clear and fan is operating properly, replace FineTune™ ring, lure and rain cover. If not, clean.

To Clean

Perform whenever there is enough build-up to slow or stop fan operation.

Tools Required: Phillips screwdriver and/or pliers, cleaner, cloth, plastic knife

1. **Safety First!** – Shut engine OFF by turning gas tank valve to CLOSED position. Disconnect regulator from tank by turning black knob counterclockwise. Wait for engine to cool to the touch.
2. **Clean Air Passages**
 - Remove rain cover, sticky trap, FineTune™ ring and lure.
 - Locate all screws and/or bolts that connect clear engine cover to engine body. (3)
Note – certain models require you to cut a hole through the labels.
 - Remove clear engine cover by removing screws and/or bolts and unplugging lighting (4)
 - Spray dirty engine body, fan area and engine cover with glass cleaner (i.e. Windex®) or a citrus based degreaser. (5)
NOTICE – Never use cleaning fluid or petroleum based fuels and avoid contact with LED lighting and fan motor to avert damage.
 - Allow cleaners to soak in then wipe all surfaces clean and dry with a cloth. (6) If there is stubborn build-up, remove it by scrapping with a plastic knife. (7)
 - Reconnect LED lighting and clear plastic engine cover. Replace sticky trap, FineTune™ ring, lure and rain cover.
3. **Clean Turbo Scoop** (SV27 and SV35 models only):
 - Remove WaveDrawer™ and remove engine from post or cart.
 - Remove plastic plug in bottom of metal engine by reaching up through exhaust hole. (8)
 - Turn engine head upside down to remove debris from turbo scoop.
 - Replace plastic plug. Place engine back on post or cart and replace WaveDrawer™.
4. **Reconnect** regulator to tank by turning clockwise. Perform leak test before re-starting.

