



Mini DB Fogger INSTRUCTION MANUAL

Safety Precautions

- **Gasoline.** The *only* fuel for this fogger is 87 octane gasoline. **Do not** mix oil with the fuel. Do not add fuel to the fuel tank when the engine is running.
- **Insecticide formulation.** Formulations used must be mixed according to product label directions.
- **Safety equipment.** Follow insecticide label directions that require operator to use personal safety equipment.
- **Improper use.** Do not leave the fogger unattended when motor is operating, or when nozzles are operating. **Do not** operate the fogger indoors without proper ventilation.
- **Public safety.** People, including children playing, should not be in a treatment area.

Before Starting

- **Be certain that oil has been added to the engine. Some oil may be visible when the cap is removed, but the bottle of oil supplied with the fogger must be added before starting.**
- Turn the flow valve to the Off position (horizontal) before starting the engine.
- Turn the throttle to the idle position, completely to the right.
- Turn the flow valve to the Off position (horizontal) before starting the engine.

Starting the Engine

1. Motor switch turned On
2. Move Choke Lever up
3. Press / release the Primer Bulb until gas is visible in the bulb
4. When gas is in the Primer Bulb, press bulb 2 times to deliver gas to carburetor
5. Pull start cord 1 or 2 times until there is resistance, then pull quickly to start the engine
6. Move the Choke Lever down when the engine is running smoothly

Fogging Start/Stop Sequence

- **Nozzle Adjustment:** The flow of formulation to the nozzle is regulated by a control valve. Before starting the engine, turn the control valve to the Off position (horizontal).
- **Start Fogging:** Turn On (vertical position) the control valve on the formulation line to the nozzle.
- **Control valve:** When fogging application is complete: **1st** move throttle to idel position; **2nd** turn off the engine, **3rd** turn control valve to the Off position.



Operation

- **Fill formulation tank** with insecticide. It is best to start with a full tank. It will hold 32 ounces.
- **Fill fuel tank** with fresh gasoline.
- **Move throttle** to idle position (completely to the right).
- **Start engine** and allow it to run 30 seconds **before** adjusting the throttle and turning On the control valve to begin fogging.
- **Formulation tank flush.** A professional flushing solution must be used to get complete cleaning. Empty formulation tank and add about 8 ounces of flushing solution. Fog until the formulation tank is empty and fogging stops.

Trouble Shooting

Engine Won't Start

- **Choke** should be **closed** to start the engine.
- **Engine switch** should be **ON**.
- **Carburetor** flooded, allow 5 -10 before restarting; do not press primer bulb more than 2 times.
- **Spark plug** may be dirty or with incorrect gap; gap should be 0.024 - 0.028 inches (0.60 - 0.70 mm).

No Fog Produced

- Nozzles clogged with dirt, obstructing opening.
- Check / replace belt that drives the blower motor.

Routine Engine Maintenance

Engine Oil

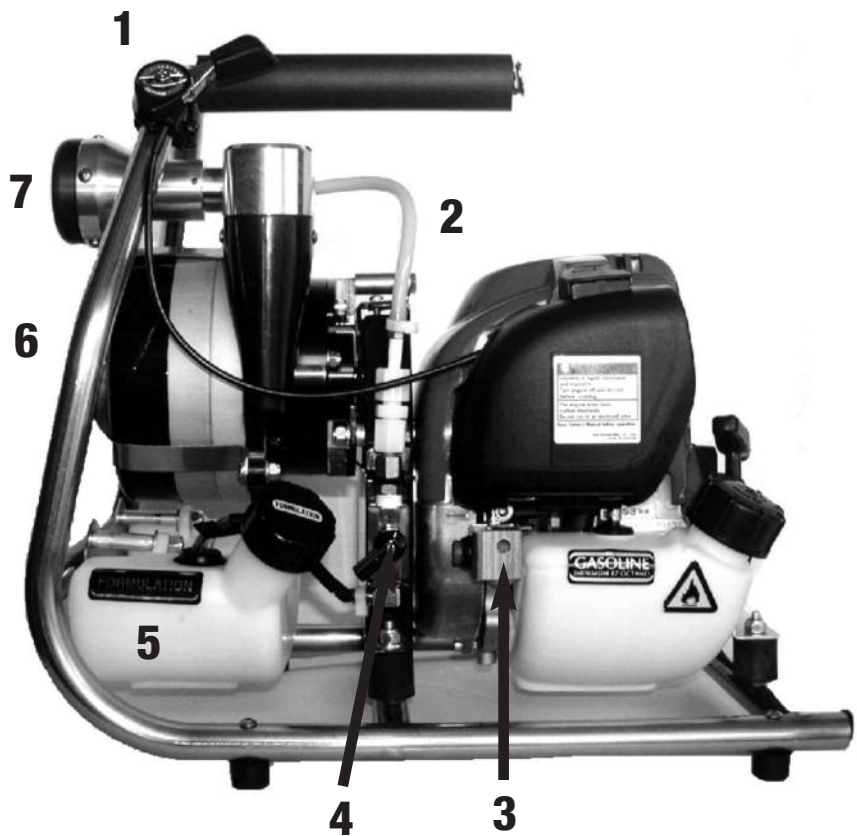
- **Every use** check the oil level and add oil to fill line.
- **1st month** or 10 hours of use - change engine oil.
- **Every 6 months** or 50 hours of use - change oil.

Spark Plug

- **Every year** or 100 hours of use - clean, set the gap.
- **Every 2 years** replace spark plug.

B&G Help Line
800-544-8811

#	Description	Order #
1	Throttle Control assembly	39959
2	Hose to nozzle (15 inches)	RM58212
3	Engine Kill switch ay	39938
4	Control valve, ball (formulation flow)	22273
5	Formulation tank Ay	39970
6	Blower assembly	39961
7	Nozzle Ay	62313
8	Carry strap (not shown)	M-00254



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