



# Town of Bristol Fire Department Standard Operating Procedure

Power Saw Maintenance

November 1, 2021

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**Town of Bristol Fire Department  
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**Power Saws  
Inspections and Service**

REVISION  
**11-01-2021**  
NEXT REVISION DATE  
**11-01-2022**

**Purpose:** To develop a schedule for inspecting power saws to ensure they are in good working order.

**Definitions:** Power saws include; ventilation saw, chainsaws, K12 saw and reciprocating saws.

**Scope:** All power saws owned by Bristol Fire Department.

**Responsibility:** It is the responsibility of each company to complete their assigned apparatus/ equipment inspection for the month. The K1 Captain has the overall responsible for the power saws. *Blade sharpening will only be done by a qualified individual.*

**Policy:** All power saws will be inspected and maintained according to the schedule below.

**Procedure:**

I. After each use

- 1) Reciprocating Saw
  - a) Clean
  - b) Charge battery
  - c) Check and change blades if needed
- 2) Chain Saw
  - a) Clean
  - b) Check gas (50:1 mixture)
  - c) Check bar & chain oil
  - d) Check chain and sharpen if needed
- 3) Ventilation Saw
  - a) Clean
  - b) Check gas (50:1 mixture)
  - c) Check bar and chain oil
  - d) Check chain, replace if needed (carbide tip chain cannot be sharpened)
- 4) K12 Saw
  - a) Clean
  - b) Check gas (50:1 mixture)
  - c) Check blade, replace if needed

II. Monthly

- 1) Reciprocating Saw
  - a) Ensure saw works properly
  - b) Charge battery

- c) Check and change blades if needed
- 2) Chain Saw
  - a) Run outside for 2 minutes
  - b) Check gas (50:1 mixture)
  - c) Check bar and chain oil
  - d) Check chain and sharpen if needed
- 3) Ventilation Saw
  - a) Run outside for 2 minutes
  - b) Check gas (50:1 mixture)
  - c) Check bar and chain oil
  - d) Check chain, replace if needed (carbide tip chain cannot be sharpened)
- 4) K12 Saw
  - a) Run outside for 2 minutes
  - b) Check gas (50:1 mixture)
  - c) Check chain, replace if needed

### III. Annual

- 1) Chain Saw
  - a) Change air/ fuel filter if needed
  - b) Have chain sharpened by qualified person
- 2) Ventilation Saw
  - a) Change air / fuel filter if needed
  - b) Check chain, replace if needed
- 3) K12 Saw
  - a) Change air / fuel filter if needed
  - b) Check blade, replace if needed