



Grinding/Polishing Equipment Maintenance Schedule

WARNING: Before attempting any maintenance procedures on the machine, close the service valve on the fuel cylinder and stop the engine.

Repairs and adjustments to the fuel system must be made by an authorized, properly trained service technician. To keep the machine in good working condition, simply follow the daily, weekly and monthly maintenance procedures.

Keeping the machine clean and free from accumulated dust, lint and oil allows free air flow across the engine to cool properly. Always use clean recoil dust filters. These can be cleaned by washing them in a flow of water and shaking them dry. Extra filters may be ordered from Eagle Solutions at 800.633.0519. Keep a log book of maintenance and/or repairs.

Daily Maintenance

(every two and four hours of operation)

- Check oil level (use 10W30 or SAE30 oil only).
- Change or vacuum clean recoil dust filter every two hours.
- Check and clean carburetor pre-filter (green) every two hours.
- Make sure all components (shroud, handle, fuel cylinder, belt, etc.) are secure and tight.
- Check drive plates and flex material for cracks or wear at diamond change.
- Clean machine. If compressed air is available, blow dust from machine and engine, concentrating on the inside of engine shrouds. Wash undercarriage.

CAUTION: Care should be taken to make sure engine is cool before water is used to prevent warping and other damage.

Weekly Maintenance

(every 20 to 50 hours of operation)

- All Daily Maintenance services.
- Change oil and oil filter at 50 hours of service. Use 10W30 or SAE30 motor oil. Use of non-recommended oil may void the engine warranty (see engine owner's manual).
- Check for loose nuts and/or bolts on entire machine.
- Examine all propane fuel components for leaks or wear. Replace if necessary.

Monthly Maintenance

(every 80 hours of operation)

- Perform all Daily and Weekly Maintenance services.
- Change carburetor air filter.
- Consult engine owner's or service manual for the following:
 - » Torque head bolts.
 - » Check valve clearance.
 - » Torque valve cover bolts.
 - » Inspect spark plugs, replace if necessary.
 - » Check belts.
 - » Blow out cooling fins to clean.
 - » Check gear box oil, if applicable.
 - » Remove drive plates and inspect the flex coupling disc(s). Inspect the V ring for wear and replace if necessary. Reinstall drive plates after coating shaft with anti-seize.

Quarterly Maintenance

(every 250 hours of operation)

- Perform all monthly maintenance items.
- Have engine checked by an Authorized Service Center. Including emissions check.

Propane Fuel System

Repairs and adjustments to the fuel system can only be made by an authorized, properly trained and certified service technician. Improper adjustments will cause increased toxic emissions of carbon monoxide and may result in carbon monoxide poisoning.

For Additional Information Contact:

Eagle Solutions
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Customer Service

800.633.0519 or 770.773.3875
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