



## **SCHEDULED MAINTENANCE PROGRAM**

The program provides maintenance on two levels:

### **LEVEL I - EXTENSIVE MAINTENANCE SERVICE**

### **LEVEL II - MAINTENANCE INSPECTION SERVICE**

#### **LEVEL I**

This service will be performed on our initial inspection and once every year thereafter. This service will include:

IGNITION	Change all spark plugs as necessary Change points Change condenser Check distributor cap and rotor and change if necessary Check start solenoid terminals Check all ignition wires and replace if necessary Check and adjust choke when applicable
ENGINE	Change lube oil Change lube oil filter Tighten valve covers Fill governor sump with lube oil when applicable Lubricate governor linkage Service oil bath air cleaner when applicable Check entire unit for noticeable oil leaks
COOLING SYSTEM	Test coolant protection Test coolant alkalinity Check water hoses both upper and lower Check bypass hoses Check fan belts Check engine block heater for operation Check anti-freeze solution
EXHAUST SYSTEM	Check flexible section for cracks of leaks

Drain condensation trap when applicable  
Check exhaust flange gaskets  
Check exhaust muffler and drain when applicable

#### FUEL SYSTEM

Change primary and secondary fuel filters (diesel only)  
Check injector fuel lines (diesel only)  
Check flex fuel pump  
Check fuel connections and tighten  
Check fuel solenoid  
Check day tank float (diesel only)  
Check regulator

#### BATTERY

Load test battery  
Check specific gravity of battery  
Check battery voltage  
Clean battery cables replace if necessary  
Clean battery terminal on cables  
Clean battery posts and coat same  
Check fluid level and fill if required  
Recharge and / or replace if required

#### STARTING SYSTEM

Check starter motor solenoid terminal  
Check starter motor  
Check charge rate on alternator or internal charge circuit  
Check alternator belt

#### ELECTRICAL

Check exciter  
Check voltage regulator  
Check rotation diodes  
Check rectifiers  
Check brushes  
Clean collector rings  
Clean carbon deposits  
Check control panel relays  
Check wiring and terminals

## OPERATIONAL CHECKS

Start generator and conduct safety shutdown tests for  
The following:

1. Low oil pressure
2. High water temperature
3. Over speed
4. High air temperature (air cooled sets only)

Check voltage output  
Check frequency (Hz.)

Record hour meter reading when applicable  
Check unit for vibration and any unusual noises

## AUTOMATIC SWITCH

Inspect contactor assembly and connections  
Check exerciser clock and time setting  
Check time delays  
Check battery charger for proper output  
Check selector switch  
Check voltage sensors for visual conditions  
Start and stop generator from transfer switch  
(Above applies when accessible and applicable)

## FINAL CHECK

Check field breaker is in the ON position  
Check that selector switch is in the automatic mode  
Start and stop generator using generator controls

## GENERAL INSPECTION OF SITE

Inspect site for any debris or obstructions, which could  
A potential problem or may be hazardous to the  
Operation or surrounding area

## LEVEL II

Once the initial Level I inspection has been performed Cannondale Generators, Inc. will then perform the Level II service. This service will include the following:

1. Check lube oil and add when necessary
2. Check lube filter once a year and top off oil
3. Check battery fluid level and add solution if necessary
4. Check exercise clock and running time meter, record hours on unit
5. Check coolant level and alkalinity of coolant
6. Check belts and hoses
7. Start unit and check: AC Voltage, Frequency (Hz.), battery charge rate, leaks and any unusual noises
8. Reset exercise clock if necessary
9. Adjust governor, carburetor, voltage regulator to generator specifications
10. Inspect site for any debris or obstructions, which could cause a potential problem or be hazardous to the operation or surrounding area.

Any parts, lubricants, coolants material used in any of the above service level maintenance programs will be charged to the generator set owner at current prevailing rates.

Emergency service, between scheduled inspections, will be provided Monday through Friday during the regular business hours of 8:30 a.m. and 4:30 p.m. will be charged at our current labor rates plus travel time.

Emergency service required Monday through Friday other than our regular business hours of 8:30 a.m. and 4:30 p.m. would be charge at our overtime rate. This includes any requests for service on Saturday, Sunday, and holidays.

Cannondale Generators, Inc. shall not be responsible for failure to render services due to strikes, fire, flood, and causes beyond its control. This agreement constitutes the entire contract by Cannondale Generators, Inc. and the customer with respect to service of the equipment covered by this agreement and no representation or statement not expressed herein shall be binding on Cannondale Generators, Inc.

The customer or equipment owner shall hold Cannondale Generators, Inc. harmless from any or all liability resulting in physical damage, personal injury or any other losses due to equipment or system failure and / or operation.

The terms and conditions herein shall prevail not withstanding any variance with the terms and conditions of any order submitted by the customer with respect to the maintenance service.