

Preventative Maintenance Agreement

Services are performed during visits scheduled approximately ___ months after installation and every ___ months thereafter. This maintenance contract includes all labor charges for routine maintenance associated with visual checks, belt, hose and clamp replacements, oil changes, coolant changes, fuel system checks to include filter changes, ATS inspections, and remote gauge/alarm inspections. This maintenance contract includes all material costs associated with oil changes to include oil, oil filter, and oil filter seal, air filter, fuel filter, coolant changes to include new coolant, coolant filter, belts, coolant and fuel system hoses, and all lubricants. This maintenance contract includes all costs associated with the proper disposal of all used oils, lubricants, coolants, and filters. All labor and material charges for services other than routine maintenance described above are not included in this maintenance agreement. These costs will be billed when that work is performed, if necessary. All work above and beyond routine maintenance will be documented and presented to Owner detailing services and costs associated prior to work being performed.

Service Checks for Generator Set

- A. General Appearance - Part I:
 - 1. Inspect for visual damage and/or unusual wear and tear

ADDITIONAL CHARGES MAY APPLY FOR EQUIPMENT IN POOR CONDITION

 - 2. Inspect all visible plumbing and electrical connections
 - 3. Thoroughly clean generator set
- B. Lube Oil System:
 - 1. Check engine oil level
 - 2. Change engine oil and filters annually/250 hrs of operation
 - 3. Inspect engine seals for leaks
 - 4. Tighten hose clamps as necessary
- C. Engine Air Filter System:
 - 1. Inspect engine air filter; replace as necessary
 - 2. Inspect air cleaner seal
 - 3. Inspect air cleaner elements
 - 4. Inspect crankcase vent/breather; replace as necessary
- D. Engine Fuel System:
 - 1. Inspect fuel system for leaks
 - a. Tighten hose clamps as necessary
 - b. Replace flexible fuel lines as necessary
 - 2. Inspect primary fuel filter; replace filter annually
 - 3. Inspect fuel solenoid
 - 4. Purge all water from fuel system
 - 5. Inspect carburetor heater (if applicable)
- E. Engine Starting System:
 - 1. Load test battery with artificial load bank; replace as necessary
 - 2. Clean battery terminals/posts and tighten battery cables
 - 3. Inspect battery charger
 - 4. Inspect battery heater (if applicable)
- F. Engine Ignition System: (gas units only)
 - 1. Inspect spark plug(s); replace as needed
 - 2. Inspect spark plug wires and distributor cap
 - 3. Inspect points and condenser; replace as necessary
- G. Engine Exhaust System:
 - 1. Inspect flexible exhaust coupling
 - 2. Inspect critical silencer
 - 3. Drain water in exhaust moisture traps
- H. Main Alternator & Electrical:
 - 1. Inspect rotor, stator, and exciter
 - 2. Inspect brushes and slip rings
 - 3. Inspect voltage regulator
 - 4. Inspect insulation on generator leads
 - 5. Lube rear bearing as needed
- I. Cooling System: (if applicable)
 - 1. Inspect all belts; adjust or replace as necessary
 - 2. Inspect all hoses and hose clamps
 - a. Tighten hose clamps as necessary
 - b. Replace hoses as necessary
 - c. Replace block heater hoses every three years
 - 3. Inspect radiator core for blockage or damage
 - 4. Inspect radiator cap and seal
 - 5. Check coolant level
 - a. Test antifreeze for proper DCA level
 - b. Replace antifreeze every two years
 - c. Replace coolant filter every two years
 - 6. Inspect the block heater for proper operation
 - 7. Lube fan pulley as needed
 - 8. Inspect fan louvers for proper operation
- J. Generator Operation:

Start generator and allow unit to run until normal operating temperature is achieved. The following checks are to be performed while unit is in operation.

 - 1. Check for oil, water and exhaust leaks
 - 2. Inspect battery charging system
 - 3. Inspect turbocharger (if applicable)
 - 4. Inspect engine governor
 - 5. Check all engine gauges and LEDs
 - 6. Check for abnormal vibration and/or noise
 - 7. Check for excessive crankcase blow-by
 - 8. Adjust voltage and frequency as necessary
 - 9. Test all engine safety shutdowns
- K. General Appearance - Part II :
 - 1. Touch up the generator paint, as needed
 - 2. Place all switches in normal operating position

Service Checks for Automatic Transfer Switch

- A. General Appearance
 - 1. Inspect for visual damage and/or unusual wear and tear

ADDITIONAL CHARGES MAY APPLY FOR EQUIPMENT IN POOR CONDITION

 - 2. Inspect all visible connections
 - 3. Thoroughly clean ATS and related equipment
 - 4. Inspect remote gauges and alarms (if applicable)
- B. ATS Operation
 - 1. Simulate power outage (turn off breaker feeding ATS)
 - 2. Check time delays and overall operation
 - 3. Set exciter to new time and day (if requested)
 - 4. Return the system to Automatic

Cost of Service _____ **Owner's Initials** _____ **Date** _____

Optional Customer Care Package

The following Agreement Option is offered in addition to the preventative maintenance portion of the contract. This section offers additional coverage not provided within the Standard Maintenance Agreement. Additional charges apply for this option. If selected, Purchaser will receive additional contact info under separate cover.

Part I - Gap Warranty coverage

- A. Parts excluded in manufacturer's warranty per warranty statement, sections 8, 9, 15, 20.
- B. Labor and travel excluded in manufacturer's warranty for the third, fourth, and fifth years warranty period per warranty statement, section 22.

Part II - 24-hour on-call service

- A. On-call service number provided for immediate after hours service for nights, weekends, and holidays.
- B. Hourly rate of \$95.00 per hour for all non-warranty work. After hours labor for warranty work is included.
(Per manufacturer's warranty, section 12, warranty repairs are covered during normal working hours only.)

Cost of Service _____ **Owner's Initials** _____ **Date** _____

Total Cost of Services _____ **Owner's Initials** _____ **Date** _____