

Pan American Power Major Maintenance Checklist

Annual maintenance is one (1) Major maintenance visit per year.

Semi-Annual Maintenance is two visits (1) Major and (1) Minor, inspection visit per year.

**The Minor visit consists of the same checklist - only NOT changing the oil and filters.
The tech will inspect the oil and filters adjusting as needed.**

The tech will **EMAIL** a copy of the completed maintenance report/ checklist after each visit.

Please be sure to provide a current email address for our records

MAJOR OIL CHANGE / INSPECTION

MINOR INSPECTION/LOAD TEST

S: Satisfactory U: Unsatisfactory N: Non Applicable					S	U
1. Disable the unit from operating.						
2. Inspect unit control panel. Confirm exercise is set. Exercise time:						
3. Visually inspect the unit checking for leaks <input type="checkbox"/> , damage <input type="checkbox"/> , loose connections/ components <input type="checkbox"/> , corrosion <input type="checkbox"/> and damage <input type="checkbox"/> . Correct as necessary.						
4. <input type="checkbox"/> Inspect <input type="checkbox"/> Replace the oil and confirm oil level. <input type="checkbox"/> 10/30 <input type="checkbox"/> 15/40 <input type="checkbox"/> Synthetic Qty:						
5. <input type="checkbox"/> Inspect <input type="checkbox"/> Replace the engine oil filters. PT#						
6. <input type="checkbox"/> Inspect <input type="checkbox"/> Replace the engine fuel filter(s) and re-prime the fuel system. PT#						
7. <input type="checkbox"/> Inspect <input type="checkbox"/> Replace the engine air filter(s). Clean air inlets & outlets for debris. PT#						
8. Check the gas delivery system for leaks and correct pressure. <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Diesel Record gas pressure: PSI						
9. Check and record radiator coolant and anti-freeze with hydrometer. Add if necessary.						
10. Check the engine block heater for proper operation.						
11. Check Battery Charger condition and operation volts amps						
12. Check overall battery condition, battery posts <input type="checkbox"/> , cables <input type="checkbox"/> and charger <input type="checkbox"/> for loose connections, corrosion and proper operation. Battery Date:						
13. Check the battery electrolyte level and specific gravity.						
CELL 1	CELL 2	CELL 3	CELL 4	CELL 5	CELL 6	
14. Check the engine alternator. volts amps						
15. Check all belts and hoses condition.						
16. Simulate a power failure to initiate an automatic start and transfer of the unit to site load and confirm proper operation and output. Look for any abnormal operating conditions and correct as necessary. Check exerciser clock for proper operation. Record readings below.						
Volts (L1-L2)	Volts (L1-N)	AMP (L1)		HZ:	O/P:	
Volts (L2-L3)	Volts (L2-N)	AMP (L2)		RPM:	WT:	
Volts (L1-L3)	Volts (L3-N)	AMP (3)	AMP (N)	Fuel Level:	F/P:	
17. Perform a 5-minute no-load (cool down) run of the unit looking for any post service problems.						
18. Return the unit to stand-by setup.						

1. Unit left in auto	<input type="checkbox"/> Y	<input type="checkbox"/> N	2. All system breakers left on	<input type="checkbox"/> Y	<input type="checkbox"/> N	Follow up required	<input type="checkbox"/> Y	<input type="checkbox"/> N	Status sticker applied	<input type="checkbox"/> Y
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