



11.0 Points of Maintenance

Check = ● Adjust = ○ Clean = ▲ Replace = ■									
ROUTINE MAINTENANCE & SERVICE INTERVALS									
Service Item	Running Hours						Notes	Section	
	Every 10 Hrs. or Daily	Every 500 Hrs.	Every 1000 Hrs.	Every 3000 Hrs.	Every 6000 Hrs.	Every 2 Years			
Walk around inspection	●								
Valve clearance			○				1	11.8	
Lube Oil	Oil level	●							
	Lube oil		■				2, 6	11.4	
	Oil filter		■				2, 6		
Fuel System	Fuel level	●							
	Primary Fuel filter			■			2		
	Final Fuel filter			■			2		
	Fuel pump strainer			▲				11.5	
	Fuel tank						●		
Cooling System	Fuel Injector Nozzles				■		1		
	Coolant			●	Check concentration	■			
	Coolant Level	●							
	Radiator & CAC				▲		2		
	Trim Seal around cooling system				●				
Rubber hoses, hose clamps & connectors			●				2, 3, 8	11.7	
Air Cleaner	Cooling air intake filter on enclosure.	●							
	Restriction indicator	●							
	Primary Filter Element	<i>Replace as indicated by restriction indicator or Maximum 1,000 Hrs.</i>						2, 7	
	Safety Filter Element	<i>Replace every 3rd Primary air filter change or before if damage is found.</i>						2, 7	11.6
	Dust Discharge Valve	<i>Clean when performing Air Filter maintenance</i>						2	
AC & DC Electrical System	Hose clamps & connectors			●			2, 3, 8		
	Wiring & AC load cables			●			2, 3, 4	8	
	Battery & cable connectors			●			2, 3, 4	7	
Engine protection & monitoring devices			●				2, 5	5	
Misc.	V-belts			○			■	11.9	
	Timing Belt					■	1		
	Exhaust system wrap				●				
	Mounting hardware & engine mounts			●			3		
AC Alternator	Bearing	<i>Inspect every 3,000 operating hours.</i>							
	Winding Inspection	<i>Check once a year. Clean if necessary.</i>							11.10
Engine Overhaul	<i>Recommended every 12,000 operating hours.</i>						1		

Figure 11.3.1



Warning! Scheduled maintenance intervals apply only for normal engine utilization and at normal environmental conditions. When utilization or environmental conditions become particularly severe, scheduled maintenance intervals must be reduced accordingly.



Warning! Stop engine before attempting any kind of service! Be sure the Master Control Switch item#2 Figure 5.2.1 is in the OFF position. This will prevent the genset from being started.