

4.2. Periodical Inspection & Maintenance

In order to insure maximum trouble-free engine performance at all times, regular inspection, adjustment and maintenance are vital before occurring any problems.

- Daily inspections in below figure should be checked every day.
- The following maintenance details should be executed thoroughly at regular intervals.

Inspection		Daily	Regular Inspection (at Every Interval of Hours)					
			50	100	250	500	600	1,000
Cooling System	Coolant level check and refill	●						
	Contamination of the coolant check and the quantity of the anti-freeze						●	1 year change
	Heat exchanger and water cooling line cleaning							1,200 hours
	V-belt check and adjustment	●						2,000 hrs change
	Thermostat check							2 years
	Impeller of sea water pump check	●						2,000hrs change
Lubrication System	Oil level check	●						
	Lubrication oil exchange		● 1st		●			
	Oil filter cartridge replacement		● 1st		●			
	Marine gear oil exchange			● 1st			●	
	Cylinder compression pressure check							●
Intake And Exhaust System	In./Ex. valve clearance adjustment							●
	Air filter element cleaning & change			● Clean		● change		
	Inter-cooler cleaning							●
	Turbocharger cleaning							2,000 hours
	Exhaust gas check	●						
Fuel System	Priming pump strainer cleaning				●			
	Fuel tank check & cleaning		●					
	Water separator cleaning			●				
	Fuel filter exchange		● 1st			●		
	Fuel injection timing check							1 year
	Fuel injection nozzle check							1 year
Electrical System	Warning lamps check	●						
	Battery charging check	●						
	Wiring harness check						●	