

4.2 Periodic Inspection

6LYA-6LY2

Daily and periodic inspection are important to keep the engine in its best condition. The following is a summary of inspection and servicing items by inspection interval. Periodic inspection intervals should vary depending on the uses, loads, fuels and lube oils used and handling conditions, and are hard to establish definitively. The following should be treated only as a general standard.

[NOTICE]

Schedule your own periodic inspection plan according to the operational conditions of your engine and inspect every item. Neglect of periodic inspection may lead to engine troubles and shorten the life of the engine. Inspection and servicing at 2000 hours of operation and thereafter require special knowledge and techniques. Consult your dealer or distributor or the Yanmar subsidiary in your region.

Preiodical Inspection and Maintenance.

● : Consult nearest dealer
○ : Check ⊙ : Replace

Item	Description	Schedule						Page
		Daily	Every 50 service hrs.	Every 250 service hrs. (or 1 yr.)	Every 500 service hrs. (or 2 yrs.)	Every 1000 service hrs. (or 4 yrs.)	Every 2000 service hrs.	
Fuel	Check of fuel level	○						20
	Draining of tank		○					37
	Drain of filter and water separator		○					37 39
	Replacement of filter element			⊙				41
Engine lube oil	Check oil level in oil pan, add if necessary	○						21
	Replacement of filter element		⊙ (1st time)	⊙				36
	Cleaning of lube oil cooler						●	44
	Change of lube oil		⊙ (1st time)	⊙				36
Cooling water (seawater side)	Check of cooling water discharge	○						29
	Check and replacement of impeller					○	●	43
	Cleaning of seawater system (including fresh water and lube oil cooler)					○	●	44
	Replacement of anti-corrosive zinc			⊙				42
Cooling water (fresh water side)	Check and supply of fresh water level	○						26
	Replacement of fresh water			⊙				43
	Cleaning of fresh water system (including heat exchanger tank)						●	44

Item	Description	Schedule						Page
		Daily	Every 50 service hrs.	Every 250 service hrs. (or 1 yr.)	Every 500 service hrs. (or 2 yrs.)	Every 1000 service hrs. (or 4 yrs.)	Every 2000 service hrs.	
Fuel injection pump and fuel injection valve	Adjustment of injection timing						●	45
	Overhaul and check of fuel feed pump						●	45
	Adjustment of injection pressure and atomizing condition			● (1st time)		●		44
Cylinder head	Adjustment of clearance intake and exhaust valve			● (1st time)		●		44
	Lapping the intake/exhaust valve						●	45
Check and adjustment of remote control cable		○		○				39 40
Electrical parts	Check of alarm devices	○						14
	Check of battery electrolyte volume		○					38
	Adjustment of alternator(generator) drive belt tension				○			43
Turbo charger	Cleaning of blower			○				40
Marine gear(Yanmar marine gear)	Check and cleaning of lube oil cooler						●	44
	Check and cleaning of lube oil inlet filter net		○ (1st time)	○ (2nd time)		○		37
	Check of bearings, friction plate, and seal						●	44
	Check of lube oil level	○						27
	Replacement of lube oil		◎ (1st time)	◎ (2nd time)		◎		27
General	Chack for leakage of C.W., L.O., F,O. and exh. gas (including mixing elbow)	○						28