

## PERIODIC MAINTENANCE

### PERIODIC MAINTENANCE SCHEDULE

Daily and periodic maintenance is important to keep the engine in good operating condition. The following is a summary of maintenance items by periodic maintenance intervals. Periodic maintenance intervals vary depending on engine application, loads, diesel fuel and engine oil used and are hard to establish definitively. The following should be treated only as a general guideline.

#### CAUTION

Establish a periodic maintenance plan according to the engine application and make sure you perform the required periodic maintenance at intervals indicated. Failure to follow these guidelines will impair the engine's safety and performance characteristics, shorten the engine's life and may affect the warranty coverage on your engine.

See Yanmar Limited Warranty on page 2-3.

Consult your authorized Yanmar industrial engine dealer or distributor for assistance when checking items marked with a ●.

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○: Check   ◇: Replace   ●: Contact your authorized Yanmar industrial engine dealer or distributor for these maintenance services.

System	Check Item	Daily	Periodic Maintenance Interval					
			Every 50 hours	Every 200 hours	Every 400 hours	Every 1000 hours	Every 1500 hours	Every 2000 hours
Air Intake	Clean or Replace Air Cleaner Element - May Need More Frequent Service in Dusty Conditions			○				
Cylinder Head	Adjust Intake / Exhaust Valve Clearance				●			
	Check Compression					●		
Electrical Equipment	Check Battery (If Equipped) and Add Water as Necessary	○ before operation						
	Check Battery Indicator (If Equipped) and Other Driven Machine Indicators (If Equipped)	○ when engine is started						
Emission Control Warranty	Inspect, Clean and Test Fuel Injection Nozzle						●	
Engine Oil	Check Engine Oil Level and Add Engine Oil as Necessary	○ before operation						
	Drain and Refill Engine Oil		◇ 1st time	◇ 2nd and after				
	Clean Engine Oil Filter - Replace If Damaged			◇ 2nd and after				
	Check for Engine Oil Leakage	○ before and after operation						

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System	Check Item	Daily	Periodic Maintenance Interval					
			Every 50 hours	Every 200 hours	Every 400 hours	Every 1000 hours	Every 1500 hours	Every 2000 hours
Engine Speed Control	Check for Proper Operation Verify Adjustment	○ 1st time		○ 2nd and after				
Exhaust System	Check Spark Arrester for Clogging (If Equipped)	○ before operation						
Fuel	Check Fuel Tank Level and Add Fuel As Necessary	○ before operation						
	Drain and Clean Fuel Tank			○				
	Clean Inlet Fuel Screen		○					
	Replace Outlet Fuel Filter			○	◇			
	Check for Fuel Leakage	○ before and after operation						
Hoses	Replace Fuel System Hose(s)							● or every 2 years whichever comes first