

HPDI MAINTENANCE SCHEDULE

The follow maintenance schedule has been compiled from current HPDI Owner's Manuals. The maintenance schedules in the Owner's Manuals are periodically updated and may differ from the maintenance schedules shown in the applicable Service Manuals. It is advisable to verify with the customer what operations you will perform.

Some items may not apply to specific models.

Maintenance intervals are either engine running hours or months/years since last maintenance - whichever occurs first.

Owner's Manual, 1998 ~ current, are available in the YMBS Technical Library.

The "●" symbol indicates the actions which the consumer may carry out.

The "O" symbol indicates work to be carried out by a Yamaha authorized dealer.

Item	Actions	Initial	Every *		
		10 Hours (1 Mo.)	50 Hours (3 Mos.)	100 Hours (6 Mos.)	200 Hours (1 Year)
Anode(s) External	Inspect, replace as necessary		● / O	● / O	
Anodes(s) Internal	Inspect, replace as necessary				O
Battery	Inspect, charge or replace as necessary	● / O			
Cowling clamp	Inspect				● / O
Engine starting condition/abnormal noise	Inspect	● / O	● / O		
Engine idling speed/abnormal noise	Inspect	● / O	● / O		
Primary fuel filter/water separator	Inspect or replace element as necessary	● / O	● / O	● / O	
Inline medium pressure fuel filter ***	Replace			O	
Boat-mounted 10-micron fuel filter	Replace (50 hours max)		● / O		
Fuel system	Inspect	● / O	● / O	● / O	
Gear oil	Replace	● / O		● / O	
Grease Points	Grease			● / O	
Idle speed	Check				O
Power trim/tilt unit	Inspection				O
Propeller, propeller nut & cotter pin	Inspect or replace as necessary		● / O	● / O	
Shift linkage & shift cable	Inspect, adjust as necessary				O
Thermostat	Inspect or replace as necessary				O
Throttle linkage & throttle cable	Inspect, adjust as necessary				O
Throttle position sensor	Inspect, adjust as necessary				O
High pressure fuel pump drive belt	Inspect, replace as necessary			O	O
High pressure fuel pump oil level	Inspect, fill as necessary				O
Oil pump	Inspect, adjust as necessary	O			
Oil tank water drain	Inspect, clean as necessary	● / O	● / O	● / O	
Spark plugs	Inspect, adjust or replace as necessary	● / O	● / O	● / O	
Spark plug caps & leads	Inspect or replace as necessary	O		O	
Impeller & water pump housing	Inspect, replace as necessary				O
Pilot Water Indicator	Inspect	● / O	● / O		
Water inlet	Inspect	● / O	● / O		
Cooling water passages	Inspect & clean as necessary			O	
Pressure control valve (PCV), cooling system	Inspect or replace as necessary				O

**2009 Marine Technical Guide – Section 11
Charts & Forms**

Item	Actions	Initial	Every *		
		10 Hours (1 Mo.)	50 Hours (3 Mos.)	100 Hours (6 Mos.)	200 Hours (1 Year)
Main ignition switch & stop switch	Inspect or replace as necessary	○	● / ○		
Wire harness connections	Inspect or replace as necessary	○	● / ○		
(Yamaha) gauges	Inspect	○		● / ○	

Item	Actions	Every	
		500 Hours	1000 Hours
Fuel filter (vapor separator tank)***	Replace	○	
High pressure fuel pump drive belt	Replace		○
Exhaust guide, exhaust manifold	Inspect or replace as necessary		○

***NOTE:** The service intervals were developed based upon “typical” use that includes operating at varied speeds, sufficient time for the engine warm up and cool down, medium to light loads and average cruising speed near 3000 ~ 4000 rpm range. As with any engine, if the customer’s normal operating conditions are different, more frequent service should be considered, especially engine oil and gear oil. Examples might include: extended Wide Open Throttle use or long periods of idling or trolling, carrying heavy loads and frequent starting and stopping or shifting. Changing fuel formulations could require more frequent fuel filter changes and fuel system maintenance.

*****NOTE:** Installations without a boat-mounted 10-micron filter may require more frequent changing.