

## Periodic maintenance chart

The periodic maintenance chart gives general guidelines for periodic maintenance. Have a Yamaha dealer perform the checks in the following chart. However, maintenance may need to be performed more frequently depending on your operating conditions. If you have any questions, consult a Yamaha dealer.

This “√” mark indicates items to be checked and serviced by a Yamaha dealer.

Item	Operation	Initial	Thereafter every		
		10 hours	50 hours or 12 months *1	100 hours or 12 months *1	200 hours or 24 months *1
<b>Fuel hoses, clamps, canister, and check valve</b>	Check for damage, and check connections and tightening of clamps			√	
<b>Fuel filler cap</b>	Check cap for damage, and check seal for cracks and deformation			√	
<b>Fuel tank</b>	Check installation	√		√	
<b>Main switch and engine shut-off switch</b>	Check operation	√		√	
<b>Battery (190 FSH)/ Batteries (190 FSH Sport/ 190 FSH Deluxe)</b>	Check state of charge and terminals, and check for broken battery bands			√	
<b>Battery leads</b>	Check terminals			√	
<b>Battery switch (190 FSH)/ Battery switches (190 FSH Sport/ 190 FSH Deluxe)</b>	Check operation	√		√	
<b>Meters (after completing the pre-operation checks)</b>	Check lighting	√		√	
<b>Neutral switch</b>	Check operation	√		√	
<b>Hatch interlock switch (wet storage compartment)</b>	Check operation	√		√	
<b>Blower</b>	Check operation	√		√	
<b>Horn</b>	Check operation	√		√	
<b>Navigation lights</b>	Check lighting	√		√	
<b>Electric bilge pump</b>	Check for water discharge by automatic operation, clean filter, check hoses for damage, and check tightening of clamps			√	
<b>Other electrical components</b>	Check operation of livewell, jet wash, stereo, and other components	√		√	
<b>Steering master ASSY</b>	Check operation and tilting mechanism, and check for looseness	√		√	

# Maintenance

Item	Operation	Initial	Thereafter every		
		10 hours	50 hours or 12 months *1	100 hours or 12 months *1	200 hours or 24 months *1
Steering cable	Check connections and exterior, and lubricate			√	
Articulating keel	Check operation			√	
Remote control lever	Check exterior and operation, and check for looseness	√		√	
Throttle cable	Check connections and exterior, and lubricate			√	
Shift cable	Check connections and exterior, and lubricate (shift gate end)			√	
Exhaust hose, water lock, and resonator	Check for exhaust leakage, and check clamps at connections			√	
Drain passages	Remove clogs			√	
Drain plugs	Check O-rings	√		√	
Hull and deck	Check for damage	√		√	
Windshield and seats	Check installation and operation, and check for damage	√		√	
T-top (190 FSH Sport) and bimini top (190 FSH Sport/ 190 FSH Deluxe)	Check installation, and check for damage	√		√	
Hatches, hinges, and packing seals	Check installation	√		√	
Ladder	Check installation	√		√	
Access port cap	Check exterior and installation			√	
Spark plugs	Check	√		√	
High-pressure fuel hose	Check connections and exterior, and check for leakage			√	
Engine oil	Replace	√	√	√	
Engine oil filter	Replace			√	
Air filter element	Check for damage and dirt			√	
Intake hose and breather hose	Check for damage, and check connections			√	
Throttle body	Lubricate throttle valve			√	
Anodes (engine)	Check for corrosion				√ *2
Valve clearance	Check and adjust				√ *2
Rubber coupling	Check for looseness and noise				√
Engine mounts	Check for damage and peeling				√
Cooling water hose and cooling water pilot outlet hose	Check for damage, and check connections				√
Water inlet strainer	Check for damage	√		√	
Intake grate	Check for damage	√		√	
Impeller	Check for bends, damage, and foreign material	√		√	

Item	Operation	Initial	Thereafter every		
		10 hours	50 hours or 12 months *1	100 hours or 12 months *1	200 hours or 24 months *1
<b>Impeller duct</b>	Check and lubricate			√	
<b>Jet thrust nozzle</b>	Check movement, and lubricate			√	
<b>Intermediate housing</b>	Lubricate			√	
<b>Anode (jet pump unit)</b>	Check for corrosion			√	

\*1: Whichever comes first.

\*2: Check every 200 hours.

Perform the pre-operation checks and post-operation checks before performing periodic maintenance.