

# Maintenance Schedules

## Maintenance Intervals

### ⚠ CAUTION

**Always disconnect the battery cables from the battery before working around electrical systems components to prevent injury to yourself and damage to the electrical system should a wire be accidentally shorted.**

Maintenance intervals and the corresponding tasks, as shown in this schedule or found in a previous schedule, are based on an average boating application and environment. However, individual operating habits and personal maintenance preferences can impact the suggested intervals. Therefore, the boat owner and servicing dealer should discuss the current Maintenance Schedule and develop appropriate maintenance intervals.

Always disconnect battery cables from battery BEFORE working around electrical systems components to prevent injury to yourself and damage to electrical system should a wire be accidentally shorted.

## Schedule

### ⚠ WARNING

**Avoid injury or drowning resulting from contacting the rotating impeller. When cleaning, repairing or inspecting the thruster motors, ensure the ignition switch is turned off and key removed from the switch or leave in OFF mode (for keyless systems) to prevent accidental activation of the thruster motors.**

Description	Interval
Inspect the impellers and motor tunnels for weeds and other debris wrapped around the impellers or trapped in the safety guards and tunnels.	Weekly
Remove the impellers and check for fishing line or other debris that may get wrapped around the motor shaft.	Every 100 hours or annually, whichever occurs first
Verify that the safety guards are in place.	Each use
Thoroughly rinse the motors and flush out the motor tunnels.	Each use in saltwater
Inspect the corrosion control anodes. Replace if 50% eroded.	Each use in saltwater, annually in other applications
Inspect and clean all battery connections.	Every 100 hours or annually, whichever occurs first
Check all harnesses for proper connection and worn or broken spots.	Every 100 hours or annually, whichever occurs first



## Storage

1. Complete all items listed in the Maintenance Schedule.

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### Battery Winter Storage

1. Follow the battery manufacturer's instructions for storage.

## Recommissioning

1. Complete any items in the Maintenance Schedule not done before storage.
2. Ensure that the engine starting battery is fully charged.
3. Install and charge the 36 volt battery bank with the on board battery charger.

### Battery Charging - Battery Charger

**NOTE:** *If the starting battery is removed, do not use the on board battery charger.*

Your boat is equipped with a on board battery charger. Use this battery charger for recharging the 36 volt battery bank. Follow the battery charger manufacturer's recommendations for battery charging.

The horn will begin beeping when the batteries have discharged 50%. At this point, it should continue to operate through one more docking cycle. It is not necessary to charge the batteries until the low battery horn sounds, although it will not damage the system to charge at any time.



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