

**P**ROPER CARE, MAINTENANCE AND ADJUSTMENT WILL contribute to the peak performance of the MasterCraft boat, while also extending the overall service life and the resale value.

The pages that follow provide instructions on how to accomplish the required checks, inspections and services listed. An authorized MasterCraft service department is the best source for proper maintenance.

**Note: The engine and drive train require scheduled maintenance checks and services. Read and understand the engine owner's manual that has been provided, and follow the maintenance schedule to ensure proper operation and quality service over the life of the boat and drive train. Failure to follow the maintenance requirements and instructions listed**

## **SCHEDULED MAINTENANCE CHECKS AND SERVICES**

**in this and all other manuals may result in damage to the equipment, which is not covered by warranty! Safety issues are also directly impacted by proper maintenance!**

The following definitions apply to maintenance:

**Check**—Verify the operational readiness by physical measurement, i.e., measuring the oil level with the dipstick gauge or alignment with a feeler gauge.

**Inspect**—Determine the operational readiness by examination, i.e., by sight, sound or feel.

**Change**—Tasks required periodically to keep the boat in proper operating condition, i.e., drain, replenish or service.

### **New Boat Break-In**

**Note: MasterCraft recommends the following functions be performed by authorized MasterCraft technicians at an authorized MasterCraft dealer.**

- Lubricate the engine starter drive gear and shaft. (See *Quarterly Maintenance* also.)
- Check the alignment of the propeller shaft. (See *Annual Maintenance* also.)
- Have an authorized MasterCraft service department change the fuel filter after the first fifty (50) hours of operation, and then again at one hundred (100) hours. The fuel filter should be changed annually even if less than one hundred (100) hours are run during the previous season.

### **Before Each Use**

*Before the engine has been started:*

- Inspect the intake water strainer for blockage. If there is blockage, also check the transmission cooler (where equipped).
- Check the cooling system level (fresh water cooling-equipped boats only). See the engine owner's manual for details.
- Inspect the battery connections and hold-downs.
- Inspect the drive train for loose or missing hardware.
- Inspect the throttle and shift cables for kinks, wear and interference with other components.
- Inspect the propeller shaft log for excessive water entry.
- Inspect the fuel system lines and connections for leaks.
- Inspect the exhaust system for leaks.

*As you start the engine:*

- Check that the voltmeter registers a fully charged battery.

### **Quarterly (Every Fifty [50] Hours)**

**Note: MasterCraft recommends that the following functions be performed by an authorized MasterCraft technicians at an authorized MasterCraft dealer.**

*Before the engine has been started or after it has cooled:*

- Lubricate the engine starter gear and shaft.
- Check the safety equipment.

### **Annually (Every One Hundred [100] Hours)**

**Note: MasterCraft recommends that the following be performed by authorized MasterCraft technicians at an authorized MasterCraft dealer.**

*Before the engine has been started or after it has cooled:*

- Replace the fuel filter (to be performed by an authorized MasterCraft technician only).
- Check the propeller shaft coupler alignment.
- Lubricate the steering system.
- Lubricate the throttle and shift cables.
- Check the engine mounts.
- Inspect the complete fuel system for leakage.

*Details follow in the next few sections.*

**MasterCraft recommends that these functions be performed by authorized MasterCraft technicians at an authorized MasterCraft dealer!**