

Motors and General Maintenance
GTSC Keelboat Class Summer 2009

Motors

- Take to Nissan Service Center for maintenance
- 4 stroke Outboard, 3.5 Horse Power
- No Reverse
- Oil (4 stroke only) is added separately to motor (NO MIX)
- Store Aux fuel and motor in stern lazarettes, oil in GTSC Trailer
- Make sure lazarettes are locked after stowing motors
- Be VERY CAREFUL with flames/cigarettes around motors, aux fuel containers, & lazarettes

Attaching and starting motor:

- Place motor on motor mount and firmly tighten
- Always tie motor safety line to stern rail
- Check that fuel tank is full, if not fill it here
- Open air vent, turn on fuel valve, attach “power on” clip
- Place motor in neutral, and put $\frac{3}{4}$ choke on
- Set throttle to start position
- Gently but firmly pull start chord a couple of times (primes fuel)
- Continue pulling until motor starts
- Turn choke completely off pretty quickly
- Run for a few seconds and then throttle down
- Either engage motor (forward) or shut off

Under way:

- Always beware that you are now a POWER BOAT
- All power boat rules apply to you now
- Constantly check that sheets and lines are NOT dragging behind
- Use prudence when choosing throttle settings
- Make sure that you have quick and easy access to the aux fuel tank
- DO NOT use reverse to stop the boat/ We Don't have REVERSE
- Always gauge drift and throttle down before entering dockage
- Use the tiller/rudder to steer the vessel

Motor safety:

- **Never start or operate motor with swimmers in the area**
- Observe “no wake” zones and “no boat” zones
- Make sure that the motors are “spitting” water out the back
- Do not let the motor exit the water
- When refueling avoid spillage

General Maintenance

Bi-annual Haul out

- Clean and paint bottoms (VC-17)
- Effect major repairs to boat (fiber glassing etc.)
- Clean, repair, and treat wood
- Inspect all fasteners (winches, cleats, blocks, etc.)
- Clean & rebuild/re-grease winches
- Clean & wax the hull (above waterline)
- Have outboard serviced
- Clean interior
- Check electrical wiring harness
- Recharge/replace battery

Seasonal/Winter Maintenance

- Make sure you have blankets on both boats
- Check & replenish first aid kit
- Make sure battery fluids full