

TRUE BLUE QUICK START GUIDE

1. **Engine room checks should be performed daily, before cruising.**
 - a) Visually inspect under engine and generator for any leaks, oil or coolant.
 - a. Optionally Check Engine and generator oil and coolant levels.
 - b) Visually inspect Engine Racor fuel filters and smaller genset filter for water or contamination.
 - a. The POINTED TIP on the selector handle points to the filter in use.
 - b. If filter IN USE is dirty or has contaminants, select the other filter and **NOTIFY SJY.**
 - c) Observe engine room deck/floor for leaking oil, coolants, or fuel.
 - d) Check that Engine raw water Seacock is open, and that engine sea strainer is free of debris.
 - e) Check that Generator raw water seacock is open, and that strainer is clean and free of debris.
2. **Disconnect shore power - Consider starting engine first, check for cooling water at exhaust, then....**
 - a) AT HELM...Turn OFF all individual AC breakers at the Main AC circuit breaker panel.
 - b) AT HELM... Turn OFF Main AC Double circuit breaker at the Main AC circuit breaker panel.
 - c) AT DOCK Pedestal...Turn OFF AC shore power circuit breaker (for your vessel only).
 - d) AT DOCK Pedestal... Disconnect cord from Shore Power receptacle and coil, then place it in aft cockpit.
 - e) IN AFT Cockpit... Disconnect cord from vessel's power input receptacle then coil and store in lazarette.
 - f) Always disconnect from the shore end first, and connect from the boat end, to avoid moving a live cord.
3. **Turn on DC/Battery power**
 - a) Turn on DC circuit breakers for the electronics, VHF, Autopilot to warm up prior to engine start.
 - b) After engine start.... Turn on other DC circuit breakers as you desire.
4. **Close all port holes, hatches, windows, doors that might permit water to enter the boat while underway**
 - a.) Confirm both hatches in Fwd Stateroom, and in shower are closed and snugged up.
5. **Confirm that dinghy is secure.** Davit turnbuckles are snug, straps securing dinghy in place and snug.
 - a.) NOTE tilt of dinghy engine. **Full Down/Vertical best** to avoid interference with departing dock, pilings?
6. **Check around boat for obstacles in the water and items on the boat that need to be secured.**

Check upper deck security of... furniture, cooler, stern tie line spool, any add'l gear stored up top.
7. **If not already powered, turn on Electronics, VHF Radio and Autopilot Circuit Breakers... (if desired).**
 - a. It is best to turn all electronics ON/OFF using their respective CB, **leave the control heads ON.**
 - b. You may have to push and hold the Autopilot Power button for a few seconds if it doesn't power up after turning on its "Autopilot C/B"
 - c. **AIS is received through the VHF Radio**, VHF Radio must be "ON" to have AIS traffic displayed on e125
 - d. AIS Transponder will broadcast your position to other vessels with an AIS receiver. (VHF must be "ON")
 - i. Family and friends can follow you on "Vessel Finder App"
 - ii. True Blue MMSI 338318412

e. **HORN**.... To use HORN you must have ignition key in ON position, (like ACC pos on a car)

a. **PRESS HORN BUTTON** to the left or **VESSEL VIEW** in Grey colored Switch Console

8. Start Engine



- a) Set throttle/shifter control handle to neutral (shift lever in detent and **NEUTRAL LIGHT ON**, as shown
- b) Turn Ignition switch 2 clicks clockwise to ON. Wait 30 seconds for the Vessel View control panel (located left side of the throttle/shifter) to power up and for the engine to pre-heat. The red Neutral light on the throttle/shifter base will glow when the shifter is set to neutral.
- c) Press and hold the soft black Start/Stop button (directly below “ NEUTRAL Button” on the throttle/shifter base. Crank engine no more than 10 SECONDS, or until it starts. Note-Cummins engine company states “do not crank engine for more than 3 10 Second attempts, or 30 seconds total. Wait 2 minutes to allow the starter motor to cool down before restart attempt.”
- d) For cold weather warm up, the transmission can be disengaged and the RPM increased by pressing the soft black Throttle Only (below “ACTIVE” on Shift base). The red Neutral light will flash ON/OFF in this mode. Slowly move throttle forward to Increase the RPM to 800 to smooth out the engine vibrations. When the engine temperature reaches 100 degrees the throttle can be placed in the IDLE DETENT,. Once back at IDLE.... Press the “Throttle Only” button again to re-engage the transmission (In Neutral)
- e) Check that cooling water is coming out the exhaust at waterline, aft starboard side.
- f) IF NEEDED... STOP ENGINE by pressing and holding the Start/Stop button on the throttle/shifter base until the engine shuts down. Turn the ignition key counter clockwise to OFF.

9. **Check fuel level using the WEMA tank gauge panel, button #4 (port) and #5 (starboard) fuel tanks.**

10. **Turn on Bow and Stern Thrusters by pushing both “ON” buttons at same time.**

- a) Ensure Engine operating, warmed up before using bow/stern thrusters. Battery conservation.
- b) Toggle the joysticks briefly in both directions to ensure that the thrusters are functioning properly.
- c) The thruster control panel (joysticks) will turn off automatically after 5 minutes of non-use. Press BOTH the “ON” buttons again to reactivate.
- d) Use the thrusters in short bursts of 5 to 10 seconds to prevent overheating. If the thrusters are used continuously for more than 3 minutes they will overheat, won't reset until cool down period elapsed.
 - a. See Owner Notes for thruster reset instructions.

11. **Check wind and current directions, surrounding vessels, anchorage area, etc. Sound HORN if backing.**

12. Boat Operation

- a) ***Two Second delay on throttle & Gear inputs***, small-short inputs of Forward/Reverse immediately followed by Neutral is the best practice to gently nudge the vessel in the desired direction.
- b) Once Clear of dock, use only 600 to 1000 rpms until clear of dock, and exiting the marina. WAKE/Speed.
- c) Operate engine no faster than 1400 rpm until the coolant temperature reaches 140 degrees.
- d) Operate the engine at any speed after reaching normal operating temperature of 180 to 185 degrees.
- e) Cummins recommends operating this engine at a minimum of 80% load for at least 1 out of every 8 hours of operation. This recommendation is optional and only applicable when your experience, sea state, conditions, wide open deep water and wake considerations are all considered.

13. Returning to Dock

- a) Approaching Destination – reduce power to no more than 800 RPM during last 5 – 8 minutes at slow speed. This allows the engine and turbocharger temps to stabilize and cool before engine shut down.
- b) Place fenders on docking side of boat. Starboard preferred, closest to helm for captain to see alongside.
- c) When docked and the mooring lines are secure, (Bow, Stern, Fore and Aft Spring), shut off the engine.
- d) When returning to Bellingham at the end of your charter, refuel at the fuel dock, pump out if needed.

14. Refueling

The Following is the suggested refueling procedure: **DC power to “Instruments – ON”**

- a.) Check total fuel used on Vessel View, to give you an idea of how much you will likely be putting back in, (this is engine only fuel used. IF you used generator for extended periods, this total may be a little shy/lower than your actual total, but it will be close.
- b.) One person watches the WEMA Tank monitor panel set to that tank being filled. Notify/Alert the person refueling when the gauge approaches 7/8 full, and again when approaching full.
- c.) The person refueling listens for a change in pitch (higher pitch) in the fill pipe. Stop the fuel flow immediately when the pitch or “wooshing sound” changes/rises. If the monitor shows FULL, you’re done. If not wait 30 seconds for any bubbles in the filler pipe to recede and SLOWLY continue filling until the pitch rises again OR the monitor person indicates the gauge is at FULL.
- d.) Note that the sight tubes on the fuel tanks are not convenient to use and will only show the fuel level up to 90% full. Please use the WEMA tank gauge panel, as described item 9 above.
- e.) DC Circuit breakers - Turn off power to instruments.

15. Reconnect to Shore Power

- a) AT HELM – Check that Shore Power CB on the Main AC Breaker panel is “OFF”
- b) AT AFT COCKPIT - Connect shore power cord to the vessel receptacle, check security of connection.
- c) AT DOCK - ***turn off the dock breaker*** BEFORE connecting the shore power cable to the dock side receptacle. Make certain you are turning OFF the receptacle you intend to use, not another vessel.
- d) AT DOCK - Connect cord to dock receptacle, check security of connection, turn dock breaker- “ON”.
- e) At Main AC Breaker panel - Turn on the AC Gang CB labeled – “Shore Power”
- f) Turn ON the battery charger circuit breaker. Check that the AC voltmeter reads 110V and the Magnum Energy panel says “Charging”.
- g) NOTE: If the Magnum Energy panel reads “Inverting”, press the Inverter button to toggle it to “Charging”. After 30 seconds if not “Charging”, re-check the dock breaker and cord connections.

h) NOTE: There is a 30 amp Main AC shore power input circuit breaker mounted on the forward side of the Washer/Dryer cabinet behind the long settee seatback... If no AC power at Helm station, check here and verify this CB has not tripped during shore power connection process.

16. Closing the Boat

- a) Close all windows, doors, and hatches, NOTE: Close all portlights in forward stateroom and in shower.
- b) Lock the helm doors, exit salon door and lock the door.
- c) On the dock, check the position of all fenders and see that mooring and spring lines are secure.

17. Key Items to remember

- a) ENGINE ROOM - Properly seat all dipsticks if checked oil. If not seated, oil will spray/make a mess.
- b) AT HELM – When shore power connected, check that Magnum inverter displays “CHARGING” when shore power is connected. (Prevents battery depletion if shore power fails. IF inverter displayed and shore power is interrupted, the inverter will try to carry the AC load until batteries are depleted).
- c) When raising and lowering the shades, use two hands. Note also that there is both a light filtering/courtesy shade and an opaque privacy shade associated with each salon window
- d) When operating Macerator, FIRST be in an approved area, NEXT, open the macerator/waste seacock (Stbd side of engine room, bottom of steps, on forward bulkhead, then at helm station turn the macerator key **2 clicks** clockwise to “ON”. The associated LED light indicates the pump is running.

Convenience, Comfort, Entertainment items....

- a.) **TV....** AT HELM - Make certain both AC “Outlets” C/B’s are on and powered TV is AC powered.
AT TV- it should power up using Remote, or touch sensitive switch on the face of TV itself
IF still no power, check GFCI outlet above Washer/Dryer cabinet, lamp uses, not tripped.
Use remote and menus to select input source, search for channels etc.
Insert DVD’s into FUSION unit by flipping down face to reveal DVD/CD slot, use FUSION volume control and stereo speakers for DVD/CD/Aux input (Bluetooth)
- b.) **Fusion Stereo....** AM/FM Radio, DVD/CD/Bluetooth “Aux” input from devices
 - i. **Bluetooth audio only...** to FUSION, search Bluetooth inputs on your device for “BT-100”.
 - ii. SELECT BT-100, and pair that to your device, then select “AUX” for source on Fusion.
- c.) **12 Volt Chargers....**
 - i. AT HELM – Port side of electronics pedestal/box. Standard “cig lighter” style plug, with a dual USB port adapter inserted.
 - ii. In Forward State Room, both sides of bed along wall above shelf is a switched USB power receptacle. Check that 12V DC Outlets C/B is “ON”,
 - iii. YOU MUST TURN THESE UNITS “ON” with a switch on face of unit. (black unit, black switch).
 - iv. There are new 110v outlets that each have 2 USB receptacles each which are powered only when 110v power is available and outlets CB is "ON". These are located at the helm, galley (left of stove, near dish cabinet), and near the switch panel at/m and below the edge of the galley counter near salon door.