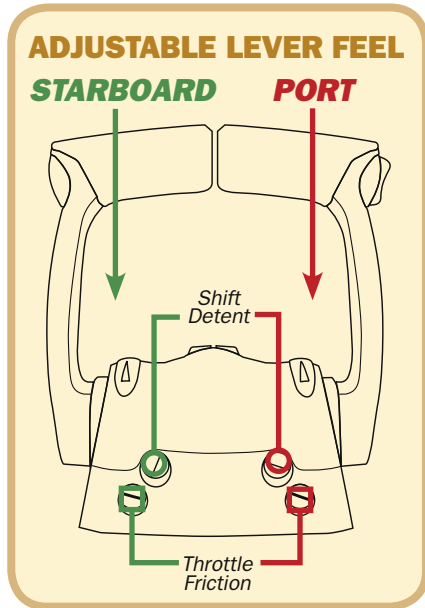


SEASTAR ELECTRONIC SHIFT & THROTTLE QUICK REFERENCE GUIDE

LEVER POSITION INDICATORS:

ENGINE TRIM CONTROL: (simultaneously trims all engines)



TAKE COMMAND BUTTON:

Used to take command of shift and throttle with a control head.

To take command with a control head:

- Match control lever positions with the active station and press **Take Command**.
- The adjacent lamp signals the transfer status as follows:
 - Steady **blue** ● – station is active and in control of shift and throttle.
 - Slow flashing **blue** ⚡ – station transfer from one station to another is underway. You have five seconds to match the control lever positions with those of the active station to complete the transfer.
 - Fast flashing **blue** ⚡ – a control head or actuator warning fault is active.
 - Lamp off ○ – station is inactive.

Note: If the lamp does not come on when you press **Take Command**, Station Protection may be enabled. See the user's manual.

TROLLING MODE (TM):

Provides greater throttle sensitivity: moving an engine's control lever to full forward will only produce a percentage of wide open throttle. The default TM throttle limit is 50% in Forward, and 100% in Reverse.

Very slow flashing **green** N lamps (one second on, two seconds off) indicate that trolling mode is engaged. ⚡

To engage TM:

- Move one or both control levers to the forward idle or reverse idle positions. The other lever must be in the same position or in Neutral.
- Press either **N** button. Both lamps will flash **green** slowly – TM is engaged. ⚡

To disengage TM:

- Move both control levers to forward idle or reverse idle position.
- Press either **N** button. The flashing **green** lamps will go out – TM is disengaged. ○

INDICATOR DIMMING FEATURE:

When the control head is active, pressing **Take Command** repeatedly will cycle through five available indicator brightness levels. ●

OVER

SEASTAR ELECTRONIC SHIFT & THROTTLE QUICK REFERENCE GUIDE

NEUTRAL THROTTLE WARMUP (NTW):

NTW allows throttle control without gear engagement. A slow flashing **green** N (Neutral) lamp indicates that NTW is engaged for this engine. 🌟

To engage NTW:

- Move engine's lever to the Neutral position. **Green** lamp goes steady. ●
- Press the corresponding **N** button. The N lamp flashes **green** to indicate that NTW is engaged. 🌟

To disengage NTW:

- Return engine's lever to the Neutral position.
- Press the corresponding **N** button. The lamp will light steady **green**. NTW is disengaged and the engine and transmission will respond normally to lever commands. ●

NOTE: The flashing **green** N (Neutral) lamp 🌟 indicates the status of NTW or TM. Please exercise caution when engaging/disengaging these modes! A steady-on Neutral lamp ALWAYS indicates engine is in neutral. ●

There are two types of faults – DANGER & WARNING

⚠️ DANGER FAULT

A fast flashing red light indicates a critical fault which will result in limited or no system performance. Call for assistance, use an alternate controlling device, or use manual override in an emergency.

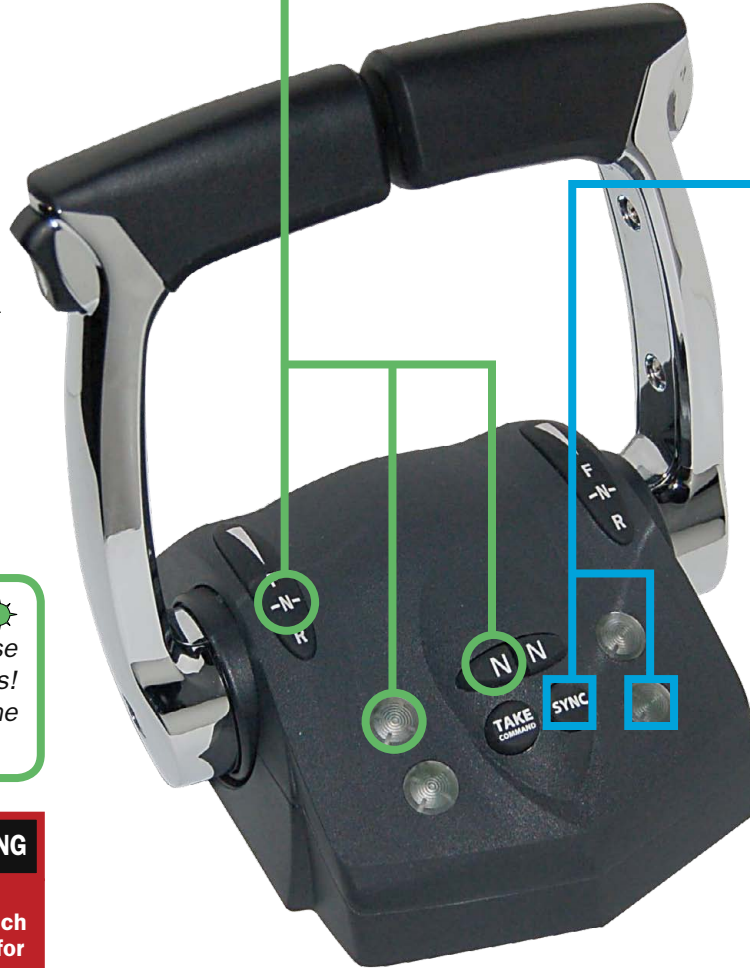
⚠️ WARNING FAULT

A fast flashing blue light indicates a non-critical fault which may cause the boat speed to be reduced. The system will continue to operate.

MANUAL OVERRIDE: In case of emergency, a manual override is available on the shift and throttle actuators. A label on the actuator describes the override procedure.

For more detailed alarm information see User's Manual.

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SYNC OPERATIONS:

You cannot enter Power Train Sync when Neutral Throttle Warmup is engaged.

POWER TRAIN SYNC (PTS):

PTS synchronizes engines and transmissions so that the port lever* controls shift and throttle of all engines. The lamp adjacent to the button indicates PTS status. A steady blue lamp means PTS is engaged. ●

To engage PTS:

- Press **Sync**. The **blue** lamp will flash. 🌟
- Match control lever positions within 5% of each other. The lamp will go steady **blue** to indicate that power trains are in sync. ●
- Starboard lever is now inactive and can be moved out of the way if desired.

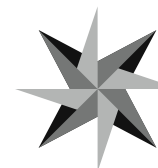
To disengage PTS:

- Press **Sync**. The **blue** lamp will flash. 🌟
- Match control lever positions within 5% of each other. The **blue** lamp will go off – PTS is now disengaged. ○

* If the port lever is faulted the starboard lever will have control and the port lever will be inactive.

OVER

PLEASE KEEP ON BOAT



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