

Starting the WakeShaper application

The WakeShaper application is launched from the MFD home screen.

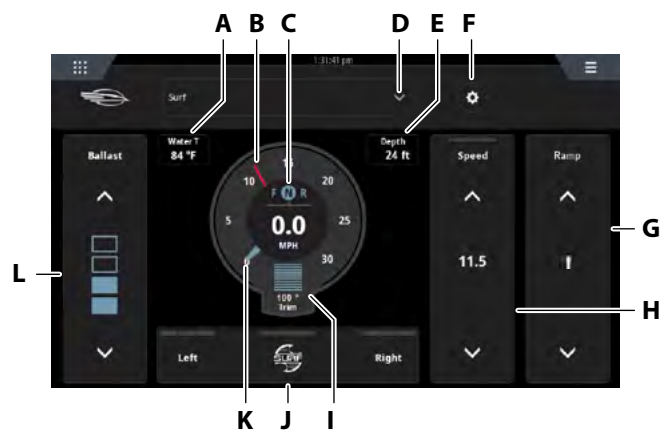


The appearance varies depending upon the engine manufacturer selection, Mercury® or Volvo Penta®.

→ **Note:** Volvo Penta® with Target Trim control is shown above.

Home screen

- A** Current water temperature
- B** Target speed (only shown when speed control is activated)
- C** Current gear
- D** Profile selection
- E** Current depth
- F** Settings
- G** Ramp (Mercury®)/Trim (Volvo®) controller
- H** Speed controller
- I** Current trim
- J** Gate controller and position indicators
- K** Current speed in analog and digital
- L** Ballast tank controller and tank level indicator



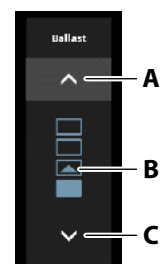
→ **Note:** The WakeShaper application supports both Mercury® and Volvo® engines. Mercury® indicates trim as a percentage between 0% and 100%, while Volvo® indicates trim in degrees between -5° and 41°. The Mercury® **Ramp** setting is the acceleration aggressiveness and is always applied to the launch profile. The Volvo® **Trim** setting is the trim position the drive adjusts to at the target speed and is optional in a launch profile.

→ **Note:** Mercury® with **Ramp** control is shown above.

Ballast controller

Select the up arrow (**A**) to fill the tank or the down arrow (**C**) to empty the tank. Re-select the up or down arrow to manually stop the pump.

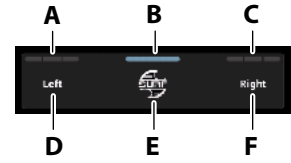
The pump automatically stops when the ballast timer expires. If the pump is running, an arrow (**B**) shows in the indicator.



Gate controller

The gates can only be extended when the boat is moving between 7.5 MPH and 13.5 MPH. Only one gate can be extended at a time.

The indicators above **Left (A)** and **Right (C)** indicate when the gates are in the left or right surf mode.



Pressing the **Left** button (D) extends the starboard gate for left surf mode. If the port gate is extended, it retracts.

Pressing the **Right** button (F) extends the port gate for right surf mode. If the starboard gate is extended, it retracts.

Pressing the center button (E) retracts the extended gates.

If either the **Left** or **Right** gate button is pressed while the boat is outside the gate speed range, the indicators of the selected button outline in blue and the center gate button shows in yellow, indicating a ready state. When the boat re-enters the gate speed range, the appropriate gate extends, putting the gates in the selected surf mode.

If the gates are in either surf left or surf right mode and boat speed is above or below the gate speed range, a pop-up notifies the user and the extended gate retracts until the boat speed thresholds are achieved or the center button is depressed.

Speed and ramp (Mercury®)

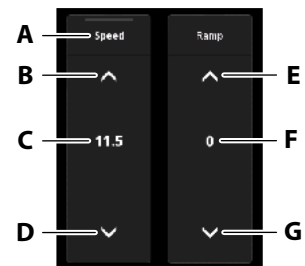
The target speed range is from 8.3 to 30 MPH and the ramp range is from 0 (least aggressive) to 5 (most aggressive).

Speed controller

The target speed (C) can be modified by selecting the up (B) or down (D) arrows at any time.

Below 15 MPH, the target speed is adjusted and displayed in .1 MPH increments and above 15 MPH in 1 MPH increments.

Larger adjustments to target speed can be made by selecting the number (C) via a pop-up number pad. The number pad adjustments can only be made when speed control is not activated.



Ramp controller

The **Ramp** setting determines the aggressiveness with which the engine accelerates the boat to the target speed.

Tapping the up (E) or down (G) arrows in the controller increments or decrements the **Ramp** setting by .1, respectively.

Larger adjustments to the **Ramp** setting can also be made by selecting the number via a pop-up number pad (F).

The **Ramp** value can only be modified when the speed control is not active.

Activate speed control

Speed control can only be activated when the engine is running and in neutral gear.

Activate speed control by selecting the **Speed (A)** button. Once speed control is activated, put the engine in gear and push the throttle to the maximum forward position. The boat accelerates, as per the movement of the control handle, to the selected target speed.

If, for any reason, boat speed or power to the engine needs to be reduced, pull back on the throttle. Shifting the transmission from forward to neutral deactivates speed control. Pressing the **Speed (A)** button also deactivates speed control.

Speed and trim (Volvo®)

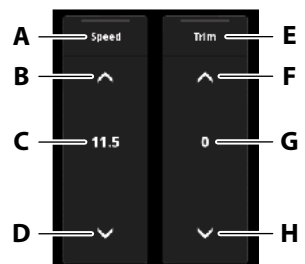
The target speed range is from 9.3 to 30 MPH and the target trim range is from -5° to 20°.

Speed controller

The target speed (C) can be finely adjusted by selecting the up (B) or down (D) arrows at any time.

Below 15 MPH, the target speed is adjusted and displayed in .1 MPH increments and above 15 MPH in 1 MPH increments.

Larger adjustments to target speed can be made by selecting the number (C) via a pop-up number pad. The number pad adjustments can only be made when speed control is not activated.



Trim controller

For target speeds greater than 17 MPH the engine trim is controlled by the Volvo® PTA (Power Trim Assist) system.

If the **Trim** control is activated, the engine is trimmed to the target trim position when the target speed is reached.

For target speeds less than 17 MPH, the Volvo® PTA system is not activated. If the **Trim** control is activated, the engine is trimmed to the target trim position immediately.

Selecting the up (**F**) or down (**H**) arrows in the **Trim** controller increments or decrements the target trim by 1°, respectively.

Activate speed control or speed control and trim

Speed control can only be activated when the engine is running and in neutral gear.

Activate speed control by selecting the **Speed (A)** button or the **Trim (E)** button. Selecting **Trim** enables both Trim and Speed control.

Once speed control is activated, put the engine in gear and push the throttle to the maximum forward position. The boat accelerates, as per the movement of the control handle, to the selected target speed.

If, for any reason, boat speed or power to the engine needs to be reduced, pull back on the throttle. Shifting the transmission from forward to neutral deactivates speed control. Pressing the **Speed (A)** button also deactivates speed control.

Disclaimer

This product is not a substitute for proper training and prudent seamanship. It is the owner's sole responsibility to install and use the equipment in a manner that will not cause accidents, personal injury or property damage. The user of this product is solely responsible for observing maritime safety practices.

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