8M0251239 1026 eng

# USING BOOST GUIDE

***NOTE: After completing installation, place these instructions with the product for the owner's future use.***

## Safety Checks

**⚠ CAUTION**

**Operating a boat at high speed presents an increased risk of injury to boat occupants, other boaters, and people in the water. Always use safe boating practices. Be vigilant about: environmental conditions, underwater hazards, other boaters, swimmers, skiers, and towables. Ensure boat passengers are seated safely and all gear is properly stowed.**

**IMPORTANT: Refer to the engine's operations manual for safe boating practices.**

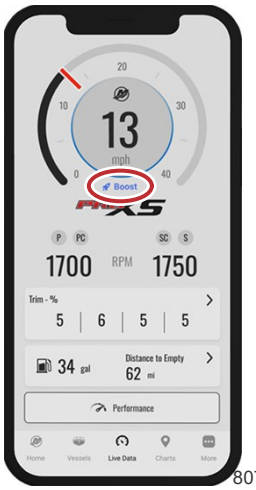
The operator:

- Ensures all occupants sit in safe seating positions and secures all gear.
- Ensures the operating area supports high-speed maneuvers.
- Avoids high-speed operation in unfavorable water or weather conditions.
- Avoids high-speed operation in areas where swimmers, skiers, or towables operate.
- Uses caution near submerged objects and near other boats or personal watercraft.

## Boost Operation

### Observations

- Boost is inactive at low RPMs, low boat speed, steady-state mid-range cruising, and after the top speed has been reached.
- Boost only activates automatically at mid-range RPM during a full throttle acceleration.
- Boost remains active until top speed or maximum RPM is reached while the throttle lever remains at wide-open throttle (WOT) position.
- The Boost icon appears in the Mercury Marine App when active and is dimmed when inactive.




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**Boost Icon During Boost Activation**

### Advancing the Boat to Full Throttle

1. Perform all of the **Safety Checks**.
2. Start all engines on the boat.
3. Trim all engines to the lowest position.
4. Select an Active Trim profile if the boat uses Active Trim.
5. Shift into forward gear.
6. Advance the throttle rapidly to wide-open throttle (WOT).
7. Trim the outboard up to the desired position when the bow begins to drop if the boat does not use Active Trim.

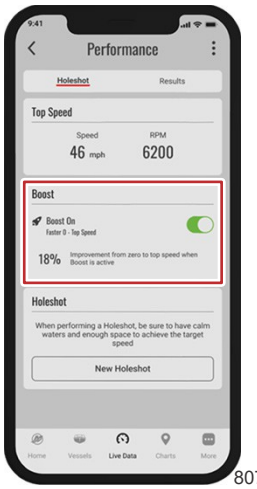

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| Situation | Response |
|---|---|
| Boost does not function | It may not have been calibrated after the installation. For calibration instructions refer to **Boost Installation Instructions**, available on the Mercury Marine website. |

# Turning Boost On or Off

Use the Mercury Marine App to toggle Boost on or off.

1. Select **Live Data**.
2. Select **Performance**.
3. Locate the Boost control.
4. Set Boost to on or off as desired.



80720

**Boost toggle shown on**

# Enhancing Boost

## Optimize Boost Performance

- Ensure the boat is correctly propped to reach the recommended maximum RPM.
- Ensure that a Mercury Marine GPS or compatible GPS/IMU device is installed for improved performance.
- Use **Active Trim**, if equipped, to maintain consistent trim during acceleration.
- Test different **Active Trim** profiles to find the best performance for the boat setup.

For best results:

- Perform runs under consistent load and environmental conditions.

## Measure Performance Improvement

### Record Baseline (Boost Off)

1. Turn Boost off. Refer to **Turning Boost On or Off**.
2. Select **Live Data**.
3. Select **Performance**.
4. Select **New Holeshot**.
5. Select **Custom 1**.
6. Select **0** as the beginning speed.
7. Enter an end speed value just below the boat's top speed so it can be reached during the run.
8. Perform all safety checks.
9. Start all engines on the boat.
10. Trim all engines to the lowest position.
11. Shift into forward gear.
12. Advance the throttle rapidly to wide-open throttle (WOT).


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| Situation | Response |
|---|---|
| Not using Active Trim | Trim the engine up when the bow begins to fall. |

13. When the top speed is reached, reduce throttle to idle.

### Record Boost Run (Boost On)

1. Turn Boost on. Refer to **Turning Boost On or Off**.
2. Select **Live Data**.
3. Select **Performance**.
4. Select **New Holeshot**.
5. Select **Custom 2**.
6. Select the identical speed values that were set in **Custom 1 Holeshot**.
7. Perform all safety checks.
8. Start all engines on the boat.
9. Trim all engines to the lowest position.
10. Shift into forward gear.
11. Advance the throttle rapidly to wide-open throttle (WOT).

| Situation | Response |
|---|---|
| Not using Active Trim | Trim the engine up when the bow begins to fall. |

12. When top speed is reached, reduce the throttle to idle.

## Results

1. When the runs are complete, select the back arrow at the top of the page to view the **Performance** page.
2. Use the recorded times for **Custom 1** and **Custom 2** to compare performance with Boost on and off.
   ***NOTE:*** *Results may vary depending on load, trim, wind, and water conditions.*

# Part Numbers For Boost Related Accessories

For eligibility or installation questions, contact a Mercury Marine authorized dealer or Mercury Marine customer service. Some boats, such as those with Joystick Piloting, are already equipped with a compatible GPS device.

| Qty. | Description | Number of Engines on the Boat | Mounting Location | Compatible with Displays | Part Number |
|---|---|---|---|---|---|
| 1 | Mercury Marine GPS | - | - | - | 8M6012227 |
| 1 | SmartCraft Connect mobile kit | 1 | On the engine | None | 8M0173128 |
| 1 | SmartCraft Connect mobile kit | 1, 2, 3, or 4 | Under the helm | None | 8M0173129 |
| - | | | | | |
| 1 | SmartCraft Connect kit | 1 | On the engine | SIMRAD NSX, NSS4, VesselView 704 | 8M0235016 |
| 1 | SmartCraft Connect kit | 1 | Under the helm | SIMRAD NSX, NSS4, VesselView 704 | 8M0235017 |
| 1 | SmartCraft Connect kit | 1, 2, 3, or 4 | Under the helm | SIMRAD NSX, NSS4, VesselView 704 | 8M0235018 |
| - | | | | | |
| 1 | SmartCraft Connect kit | 1 | On the engine | Garmin and Raymarine (Universal) | 8M0173704 |
| 1 | SmartCraft Connect kit | 1 | Under the helm | Garmin and Raymarine (Universal) | 8M0173694 |
| 1 | SmartCraft Connect kit | 1, 2, 3, or 4 | Under the Helm | Garmin and Raymarine (Universal) | 8M0173703 |


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