

CONGRATULATIONS

on your selection of a Mercury propulsion package featuring the SmartCraft DTS (Digital Throttle & Shift) control system, and welcome to a select family of boaters and fishermen. As a discerning boat owner, we share your passion for the water and we created the SmartCraft DTS control system with you in mind. Because your absolute delight is our priority, we ask that you first take a few minutes to orient yourself with the basic operating procedure for DTS along with all of the exciting new features at your fingertips before you take command of your vessel.

This quick reference guide is designed to get you started by providing an overview of some of the most important functions of the DTS system and how they work. We recommend you keep it somewhere handy in your boat. It is important to note that it should be used in addition to your operator's manual, which we recommend you thoroughly review prior to your first trip out on the water.

This guide also provides a brief description of each DTS feature and how you might use it to help tailor your DTS control system operation to the way you operate your boat. Please note that some of the features described in this guide are only available if your boat is rigged for a specific application.

You'll also find a section briefly describing how Mercury's Engine Guardian protection system works to help maximize your time on the water.

Mercury's SmartCraft DTS (Digital Throttle & Shift) is a fully computer-controlled engine control system, proven and validated to over 50,000 hours of reliability. It provides smooth, effortless, quiet shifting and instantaneous throttle control and response throughout the power band.

SINGLE WIDE BODY DTS

REMOTE CONTROL FEATURES



- A** Trim Switch
- B** Neutral Light
- C** Active Light
- D** Track Pad
- E** Select Button
- F** Throttle Only/Station Select Button

ENGINE START UP



1. Position the control handle to neutral before starting.



2. Turn ignition key to the run position, a single horn chip will be heard.



3. The NEUTRAL light will come on when the remote control is in neutral.



4. Turn the ignition key to START position.



5. The active light will come on to show the remote control is ready for use.



This quick reference guide is intended to be used in concert with your engine Operator's Manual. Your engine Operator's Manual provides information on this subject matter in greater detail as well as other important topics such as basic maintenance, maintenance intervals, winterization, warranty, your pre-starting checklist, lanyard stop switch operation, power trim operation, and other engine operating procedures.

For additional information on your Mercury engine, SmartCraft, or your nearest Mercury dealer, please visit our website at www.mercurymarine.com



ENGINE WARM UP

Allows the boat operator to increase engine speed without shifting the engine into gear.



1. Position the control handle to neutral. At key-up a single horn chirp will be heard.



2. Press and hold the THROTTLE ONLY/SELECT STATION button. A single horn chirp will be heard.



3. Advance the control handle to the forward detent position. The horn will sound twice when the Throttle Only Mode is engaged.

4. The neutral light starts flashing and will continue to flash while in Throttle Only Mode.



5. Advance the control handle to increase engine speed.



6. To disengage, bring the control handle back to neutral and push and the THROTTLE ONLY/STATION SELECT button.

A single horn chirp will be heard and neutral lights will stop flashing.

STATION TRANSFER

If the boat has dual control stations, station transfer allows engine control to be transferred from one control station to the other.

NOTE: It is preferred to have the engine in neutral position when doing a station transfer. If conditions do not allow the remote controls to be placed in neutral position, a station transfer can be made while the engine is in gear.

Once the transfer is made, the engine speed and gear position will automatically start adjusting to match the control handle setting at the new active station.



1. Position the control handle at the active helm station to the idle position.



2. Proceed to the inactive helm station and also position the control handle to the idle position.

3. Press and release the THROTTLE ONLY/STATION SELECT button two times at the inactive remote control.



NOTE: Must attempt to take control within 10 seconds of double button push.

The horn will chirp once for each button push. The active light on the inactive remote control will turn on indicating that the transfer is complete and it now has control of the engines.



4. After the transfer is made, adjust the control handles to the desired throttle and gear position

⚠ WARNING

Avoid serious injury or death from loss of boat control. The boat operator should never leave the active station while the engine is in gear. Helm transfer should only be attempted while both stations are manned. One person helm transfer should only be performed while engine is in neutral.

ENGINE GUARDIAN PROTECTION SYSTEM

Your Mercury propulsion system is designed to provide you with many years of trouble-free operation and to maximize your time on the water. To help insure this, your engine is equipped with an exclusive Engine Guardian protection system which is designed to proactively protect your engine while providing you with as much engine power as possible to return to port should the situation arise. Engine Guardian is functional whenever your engine is operating, so you never have to be concerned about whether or not you are protected. Should Engine Guardian engage on your vessel, your SmartCraft instrumentation will indicate this and advise you to reduce throttle if necessary. Engine Guardian may also proactively reduce throttle for you if the situation requires it.

Mercury's 2007 Engine Guardian protection system is very straightforward and intuitive.

In the unlikely event that Engine Guardian becomes active, a warning horn will sound. The purpose of the horn is to alert you that a fault is active and to advise you of what you should do next. There are two types of warning horns:

1. **Continuous, 6-second Horn:** Indicates a critical fault. You should return to port immediately and contact your servicing dealer.
2. **Intermittent 6-second Horn:** Indicates a non-critical fault. A fault of this nature does not require immediate attention. You may continue using your boat as normal, but you should contact your servicing dealer at your earliest convenience.

It is important to note that in either of the above scenarios, the horn will only sound one time. If you key the engine off and re-start it, the horn will sound again, one time, if the fault is still present.

In addition, you may see different types of visual warning indicators ranging from a simple warning light to full descriptive fault text (which describes in detail the nature of the fault and what you should do), depending on the instrumentation in your boat.



QUICK REFERENCE GUIDE