

---

# 889231A01/02/03/04/05/06

## DTS YACHT LEVER ELECTRONIC REMOTE CONTROL

---

**IMPORTANT:** This document guides our dealers, boatbuilders, and company service personnel in the proper installation or service of our products. If you have not been trained in the recommended servicing or installation procedures for these or similar Mercury Marine products, have the work performed by an authorized Mercury Marine dealer technician. Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to those installing or operating the product.

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

**NOTE:** Two cut-outs are required when using two assemblies in a shift-shift and throttle-throttle configuration.

### Parts List

889231A01, 889231A06

Qty.	Description	Part Number
1	Yacht handle shift assembly	NSS
2	Side cover	NSS
1	Decal-Notice to owner	NSS
1	Lanyard switch kit	NSS
1	Tie wrap-10.75 inch	54-8M0029338
1	Information tag-Yacht controls	90-899664007

889231A02, 889231A05

Qty.	Description	Part Number
1	Yacht handle shift assembly	NSS
2	Side cover	NSS
1	Decal-Notice to owner	NSS

889231A03, 889231A04

Qty.	Description	Part Number
1	Yacht handle shift assembly	NSS
2	Side cover	NSS
1	Decal-Notice to owner	NSS
1	Lanyard switch kit	NSS
1	Tie wrap-10.75 inch	54-8M0029338
1	Information tag-Yacht controls	90-899664007
1	Harness assembly	84-891963A01

### DTS Yacht Lever Electronic Remote Control

#### Choosing a Location and Preparing for Installation

The electronic remote control provides engine throttle and shift input to the control system, and houses the DTS Track Pad on some models. For clearance requirement specifications, refer to the **MerCruiser Sterndrive Applications Manual.**

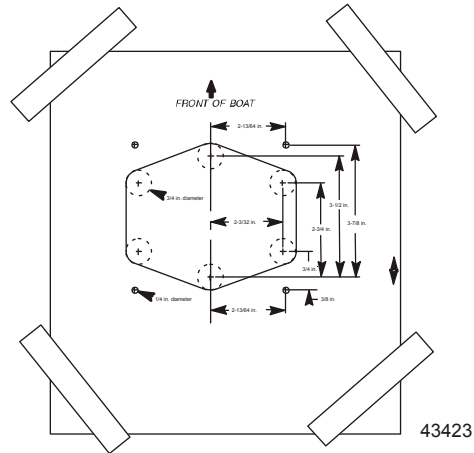
**NOTE:** Mask the area to be cut to reduce chipping and cracking.

## DTS YACHT LEVER ELECTRONIC REMOTE CONTROL

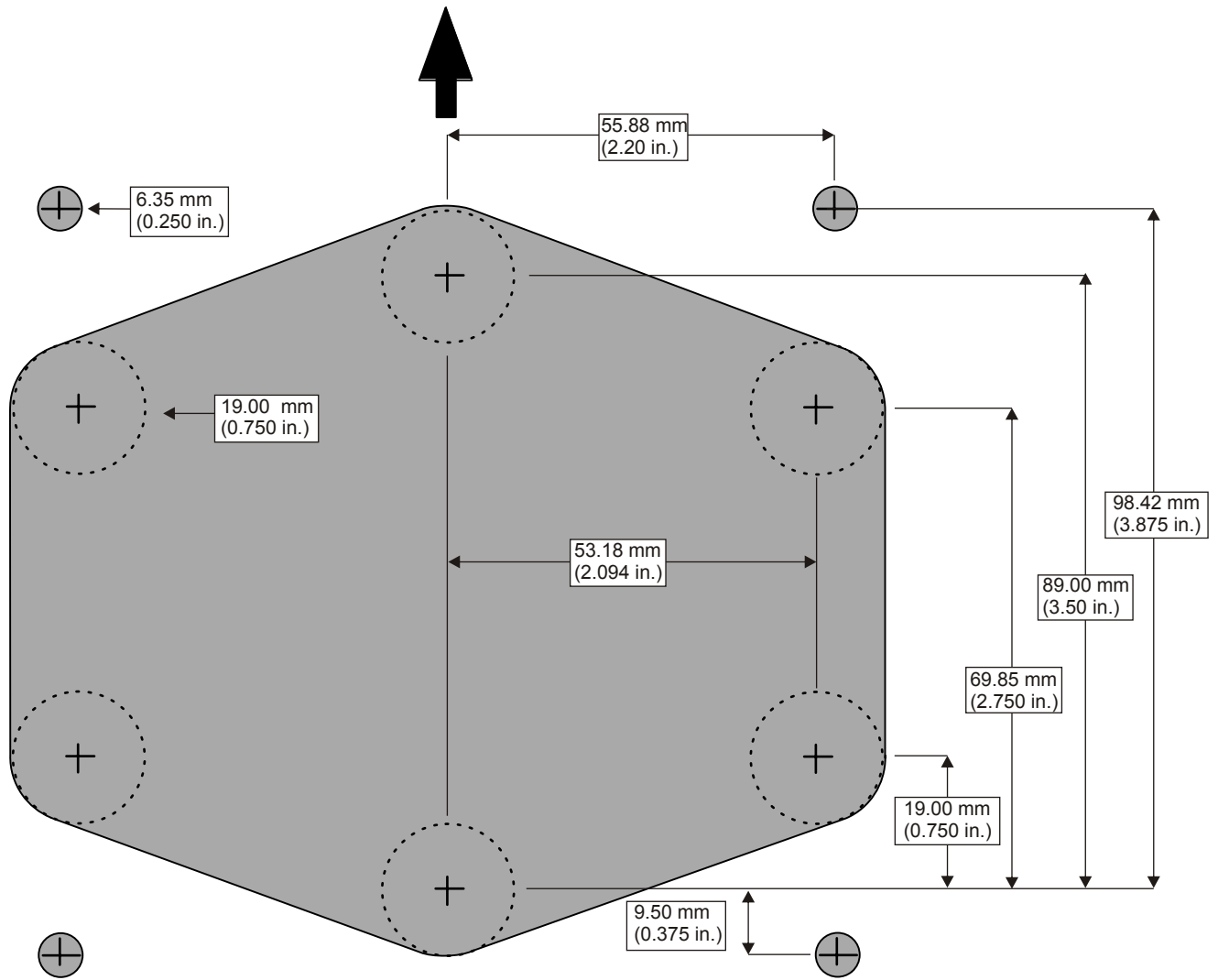
---

1. Locate area of boat where the remote control is to be mounted. Allow sufficient clearance for handle movement and clearance for the wiring.
2. Select the correct template for mounting application.
3. Place the template over the mounting area. Cut and drill as instructed on the template.

**IMPORTANT:** After cutting mounting area, remove any sharp edges.



### Cutout Dimensions



43424

Arrow towards front of boat

### Installing the Dual-Handle Electronic Remote Control with DTS Trackpad

- 1. Ensure that the opening is free of sharp edges.
- 2. Route the wiring for the electronic remote control (ERC) through the opening.

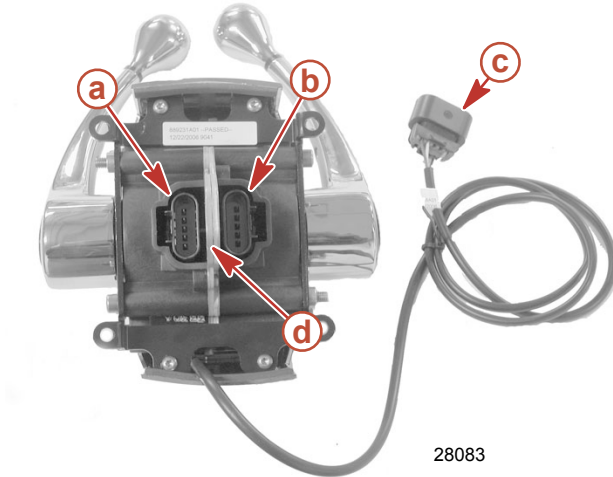


31333

**NOTE:** The ERC and remote control harness connectors are color coded, yellow for port and blue for the starboard engine control.

## DTS YACHT LEVER ELECTRONIC REMOTE CONTROL

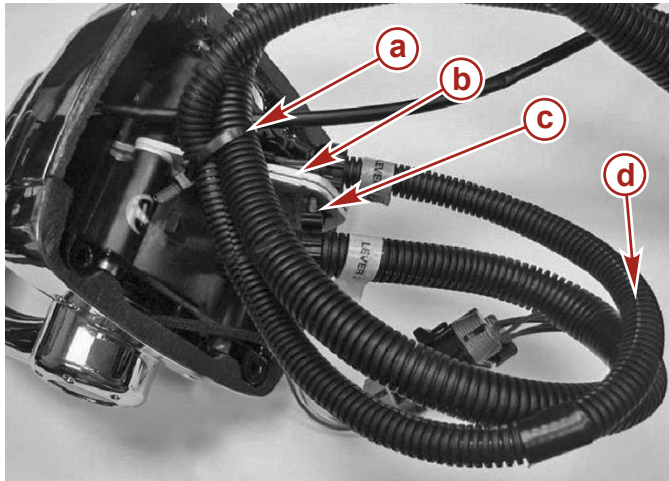
- Match the colors on the harness to the colors on the ERC to ensure proper orientation. Connect the helm harness remote control connectors to the ERC.



- a** - For starboard engine harness
- b** - For port engine harness
- c** - DTS trackpad connection (if equipped)
- d** - Bracket with holes for bayonet ends

28083

- Insert the anchor clips of the two remote control harnesses into the ERC bracket holes to prevent disconnection.
- Form a loop in the ERC harness with a radius of at least 8 cm (3 in.) and attach it to the metal bracket under the ERC with a cable tie.



- a** - Cable tie
- b** - Metal bracket
- c** - Anchor clips of ERC harness
- d** - Loop

43413

- If the helm has a Digital Throttle and Shift (DTS) trackpad, connect the trackpad harness to the standard 6-way junction box.
- Place the remote control over the opening.



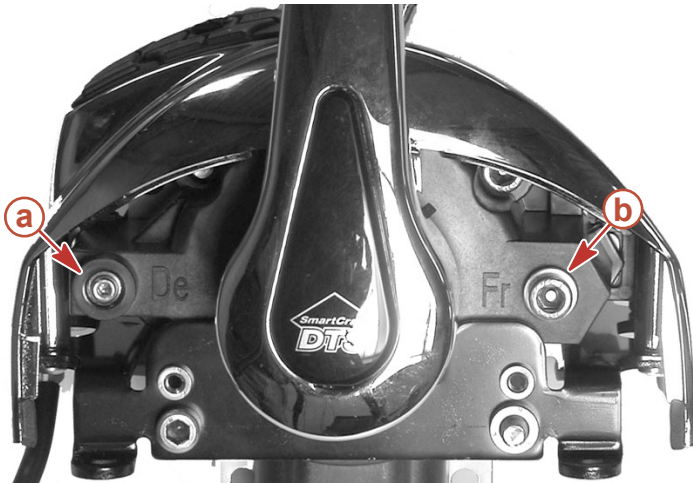
28093

- Securely fasten the remote control with four M6 × 40 screws, washers, and self-locking nuts.

**⚠ CAUTION**

Overtightening the detent tension adjustment screw can damage the control module. Do not turn this screw more than 11 turns from the initial point of hex head contact with bracket.

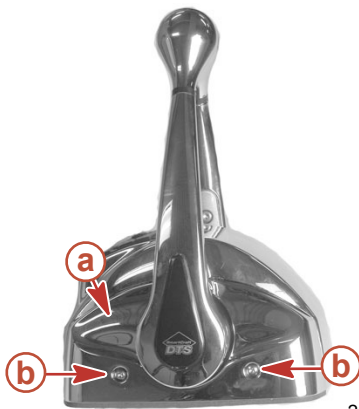
9. Set the control handle tension adjustment screw to increase or decrease the overall effort to move the control handle through its range of motion. Proper adjustment will help prevent unwanted handle motion in rough water. Turn the screw clockwise for more tension, or counterclockwise for less tension.
10. Set the handle detent tension adjustment screw to increase or decrease the overall effort needed to move the control handle out of its detent positions. Proper adjustment will help prevent the handles from moving out of their detents until desired. Turn the screw clockwise for more resistance, or counterclockwise for less resistance.



- a** - Detent tension adjustment (Marked "De")
- b** - Control handle tension adjustment (Marked "Fr")

28087

11. Install the side covers with attaching screws. Ensure that ears on side covers are hooked under the main shell before tightening screws.



**Starboard shown, port similar**

- a** - Side cover (2)
- b** - Attaching screws (4) M4 x 20

28084

**Products of Mercury Marine**  
 W6250 Pioneer Road  
 Fond du Lac, WI 54936-1939

Mercury, Mercury Marine, MerCruiser, Mercury MerCruiser, Mercury Racing, MotorGuide, Mercury Precision Parts, Mercury Propellers, Mariner, Quicksilver, #1 On The Water, Alpha, Bravo One, Bravo Two, Bravo Three, Pro Max, OptiMax, Sport-Jet, K-Planes, MerCathode, RideGuide, SmartCraft, Zero Effort, VesselView, Zeus, Axius, Total Command, Skyhook, SeaCore, M with Waves logo, Mercury with Waves logo, and SmartCraft logo are all trademarks or registered trademarks of Brunswick Corporation. Mercury Product Protection logo is a registered service mark of Brunswick Corporation.