

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Mercury Panel Mount Electronic Remote Control (ERC) used with Digital Throttle and Shift (DTS) Engines

Models Affected

Mercury panel mount DTS controls and/or kits containing panel mount controls listed below.

Description	Part Number
Panel mount control with chrome handle	892984A01
Panel mount control with black handle	892984A02
Panel control kit chrome	892984K01
Panel control kit black	892984K02
Panel mount control - DTS command module kit	982984K03
Rigging kit DTS panel - chrome ERC	982984K21
Rigging kit DTS panel - black ERC	892984K22

Situation

Mercury Marine has identified a potential problem with the neutral lock feature on the panel mount Electronic Remote Control (ERC) assembly used with Digital Throttle and Shift (DTS) engines. A small number of the identified controls were manufactured with the inner spring assembly located in the wrong position. On the units with the improperly positioned inner spring assembly, it is possible to shift the unit out of neutral and into either forward or reverse gear without depressing the neutral release button.

Test Procedure

The following test/inspection procedure should be performed:

- Prior to installing the control in a boat
- Prior to delivering a new boat to the customer
- When a boat that has the above listed control is in for normal service work

IMPORTANT: The purpose of this test is to ensure that the neutral lock cannot be inappropriately overridden without depressing the neutral release button.

1. Check the neutral lock by:
 - a. Cycling the control handle through its shifting range (neutral to forward to neutral to reverse and back to neutral) two times. Then place the handle in the neutral position.

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- b. Using normal pressure for operating the remote control, push the control handle forward without depressing the neutral release button. Do not strike or hit the handle. Handle lock should retain the handle in the neutral position.
- c. Use the same procedure for reverse direction.
- d. If the handle lock does not hold the neutral position, replace the complete control.
- e. If the handle lock holds the neutral position, identify the tested control as outlined in **Repair Identification**.

Parts Inventory

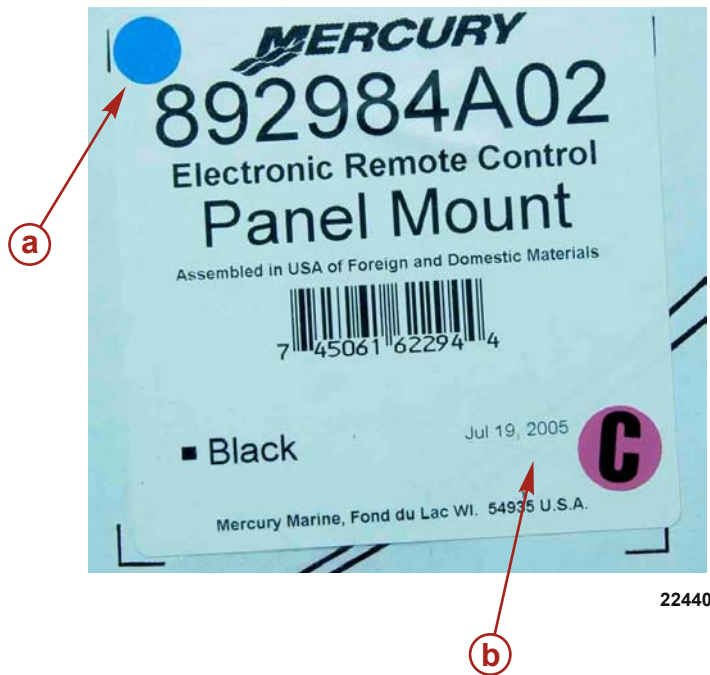
MERCURY PARTS INVENTORY:

All affected controls in Mercury inventory have been inspected for proper assembly of the neutral lock. Controls that were inspected at Mercury will have a **blue** sticker on the exterior package.

- Controls built prior to Feb. 24, 2006 that have a **blue** sticker on the package do **not** require further action or inspection.
- Controls with a packaging date code on or after Feb. 24, 2006 will not have a **blue** sticker on the package but have been assembled correctly, inspected and do **not** require any further action or inspection.

DEALER/BOAT BUILDER INVENTORY

All remote controls and/or kits listed under **Models Affected** that are in your parts inventory that do not have the **blue** sticker and have a packaging date code prior to Feb. 24, 2006 should be inspected prior to installation in the boat.



a - Blue sticker

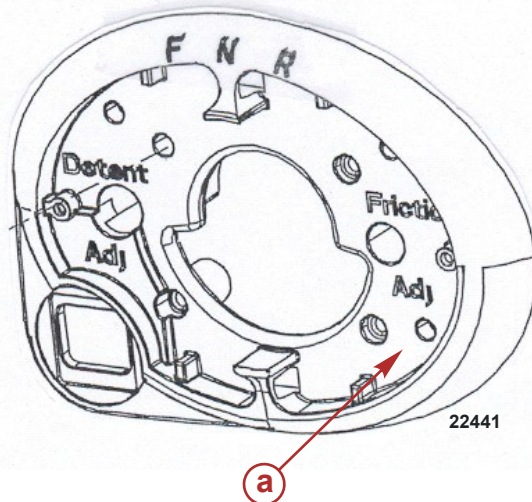
b - Packaging data code

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Repair Identification

After the control has been tested and the neutral lock found to be operating correctly, place a **white** paint dot on the control bezel near the handle tension adjustment screw.



a - Place **white** paint dot in this location

Correction

If the handle lock does not hold the neutral position, replace the complete control. On the warranty claim form, list the engine serial number and boat Hull Identification Number (HIN) if control was installed in a boat.

Parts Required

Select one of the following controls (as required)

Qty.	Description	Part Number
1	Panel mount control with black handle	892984A02
1	Panel mount control with chrome handle	892984A01

Warranty

Mercury Marine will credit the dealer for inspection and/or replacement of the control:

Complete the warranty claim listing:

- Engine serial number if engine is installed on the boat
- Boat HIN if control was installed in boat
- Qty. 1 panel mount control 892984A01 or 892984A02 if required
- 0.5 hour labor to replace control if installed in the boat
- 0.5 hour labor to inspect and identify inspected control
- Warranty Flat Rate Code SB05 for inspection and identifying control
- Warranty Flat Rate Code SB05 for replacement of control that was installed in a boat
- Part code 944
- Failure code 00

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US & CANADA

Complete/process the claim via MercNET or return a warranty claim form.

INTERNATIONAL

Follow instructions issued by Marine Power International office or by an authorized Marine Power Distributor.

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