



# Glendinning Marine Products

## Read This Before Operation! Read This Before Operation!

### Terminating Resistor



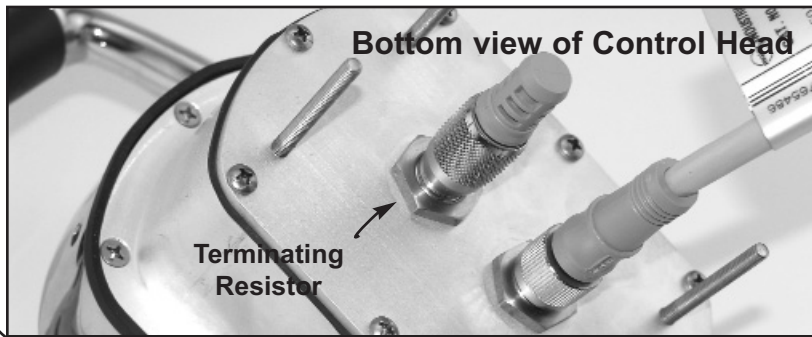
Part Number: 11600 - TRF  
Terminating Resistor - Female



In order for the EEC control system to work properly both terminating resistors **MUST** be attached at both ends of the CANbus network. Normally, one will be installed at the Control Head and the other at the Control Processor. **2 TERMINATING RESISTORS MUST BE INSTALLED IN EVERY CANBUS SYSTEM.**

(NOTE: For more detailed instructions consult Section 3 in the Installation / Operations Manual.)

**WARNING:** System may initially startup and operate without terminating resistors installed, but system will operate erratically and could result in loss of control.



Bottom view of Control Head

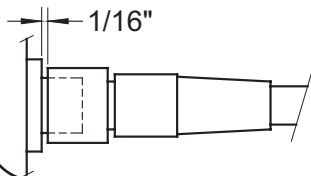
Terminating Resistor

EEC3 Control Processor

Terminating Resistor installed here



### Station Cable / Terminating Resistor Attachment



- when fully seated, connector is 1/16" away from nut (max)
- Connector requires 6 full turns to be fully engaged



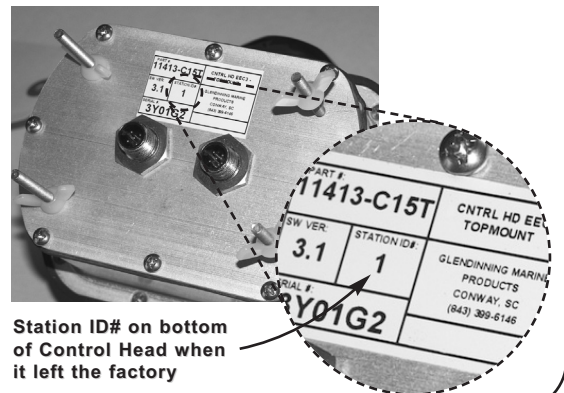
**WARNING:** Failure to follow the instructions above will result in erratic system performance.

### Station ID#

This control head is configured for Station ID# \_\_\_\_\_

*For vessels with 2 or more control stations, follow these instructions:*

The Glendinning EEC system requires that each Control Head have a unique Station ID#. Please confirm that each control head on this vessel has a unique station ID#. If this vessel has two of the same Station ID#'s, the system will go immediately into alarm upon startup. To change this Station ID# follow the procedure on the back of this page.



Station ID# on bottom of Control Head when it left the factory

## Read This Before Operation!

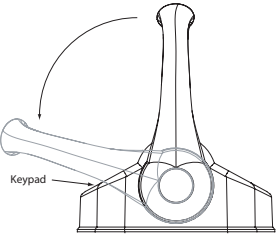


Glendinning Marine Products  
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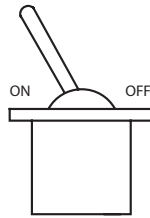
P: 843-399-6146  
F: 843-399-5005  
www.glendinniprods.com

# To change the Station ID# follow the procedure below:

**1** Move control handles to **FULL ASTERN**

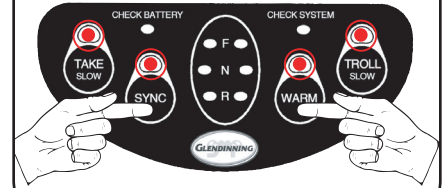


**2** Turn power **ON** to the System



**TAKE or ACTIVE LED will flash**

**3** Press & Hold the 2 center buttons for approx. 2 seconds

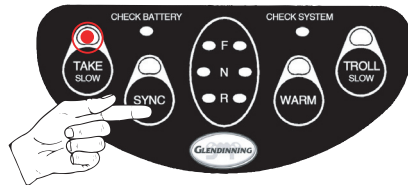


**all 4 LEDs will flash**

Release the buttons, you are now in control head processor configuration mode. Follow the steps below for the control head keypad type you are using.

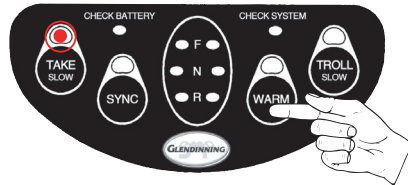
**For 4-button keypads:**

1. Press & Release the SYNC button one time to select Handle ID Mode.



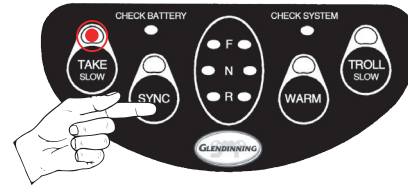
**TAKE LED will begin to flash**

2. Press & Release the WARM button 1 time to enter ID Configuration Mode.



**TAKE LED will be fully ON**

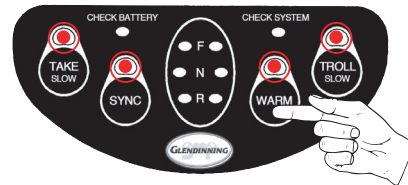
3. Press & Release the SYNC button until the desired ID# is reached.



ID# 1 - Take ON  
ID# 2 - Sync ON  
ID# 3 - Take & Sync ON

ID# 4 - Warm ON  
ID# 5 - Take & Warm ON  
ID# 6 - Sync & Warm ON

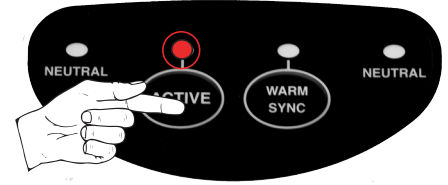
4. Press & Release the WARM button 1 time. This stores the ID in memory.



**all 4 LEDs will flash**

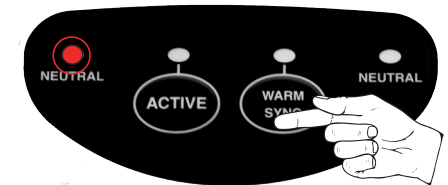
**For 2-button keypads:**

1. Press & Release the ACTIVE button one time to select Handle ID Mode.



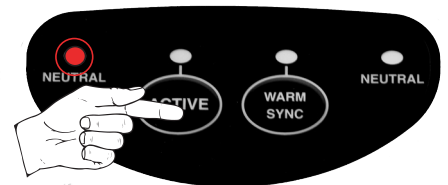
**ACTIVE LED will begin to flash**

2. Press & Release the WARM button 1 time to enter ID Configuration Mode.



**PORT N LED will be fully ON**

3. Press & Release the ACTIVE button until the desired ID# is reached.



ID# 1 - Port Ntrl. ON  
ID# 2 - Active ON  
ID# 3 - Port Ntrl. & Active ON

ID# 4 - Warm ON  
ID# 5 - Port Ntrl. & Warm ON  
ID# 6 - Active & Warm ON

4. Press & Release the WARM button 1 time. This stores the ID in memory.



**all 4 LEDs will flash**

5. EXIT Control Handle Configuration Mode by turning system OFF and return handles to Neutral position.

