

TB-164372 07 NOV 2022

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0.00 Software Release

Product:	Ghost
Product Description:	24/36v Ghost Trolling Motor (All Models)
Serial Range:	120784377 and below
Effective Date:	07 NOV 2022
Inspect/Update Current Inventory:	Yes

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## Ghost Over Current Protection – Alternate Wire Routing

Lowrance has identified an issue with the Ghost Trolling Motor that can occur inside the foot pedal assembly if the system has an internal short. The result of this short can lead to damage and failure of the circuitry inside the pedal. In rare cases, this has resulted in sparks and smoke emitting from the foot pedal assembly. If this occurs, immediately remove power from the system and contact support.

### What you should do:

You **should not** use the trolling motor until this rework has been completed.

You should verify you are using an appropriately sized fuse or circuit breaker as outlined in the **Installation Manual** on page 23.

As an added measure of protection, a wire relocation on the Ghost Foot Pedal is **required**.

Lowrance will cover the cost for this rework at your nearest authorized service center or you can perform the rework in less than 15mins (estimated time) on your own by following the **Instructions** below. Your Manufacturer Warranty will not be impacted by performing this rework as outlined in the **Instructions** below.

Review the work instructions below. If you do not feel comfortable to perform this rework, contact your local Authorized Service Center to schedule the rework by referencing Tech Bulletin: 164372

To locate your nearest service center, visit: <https://www.lowrance.com/dealer-locator/>

If you need assistance during the rework, contact your local Lowrance Customer Support.

USA: 1-800-628-4487

Europe: +44 (0)1794 518448

Australia: +61 2 9936-1000

Africa: +27 31 368 6649

Asia: 1-300 628426

### Identification:

Motors that have been assembled to these specifications can be identified by the sticker on the bottom of the foot pedal and on the outside of the box as shown in Fig 1.

Fig 1



### Tools Required:

Multi Bit Screwdriver  
T15 Torx Bit  
Super Glue or Threadlocker (Blue)



### Instructions:

Video Tutorial: <https://youtu.be/4ng4-dDn6i8>

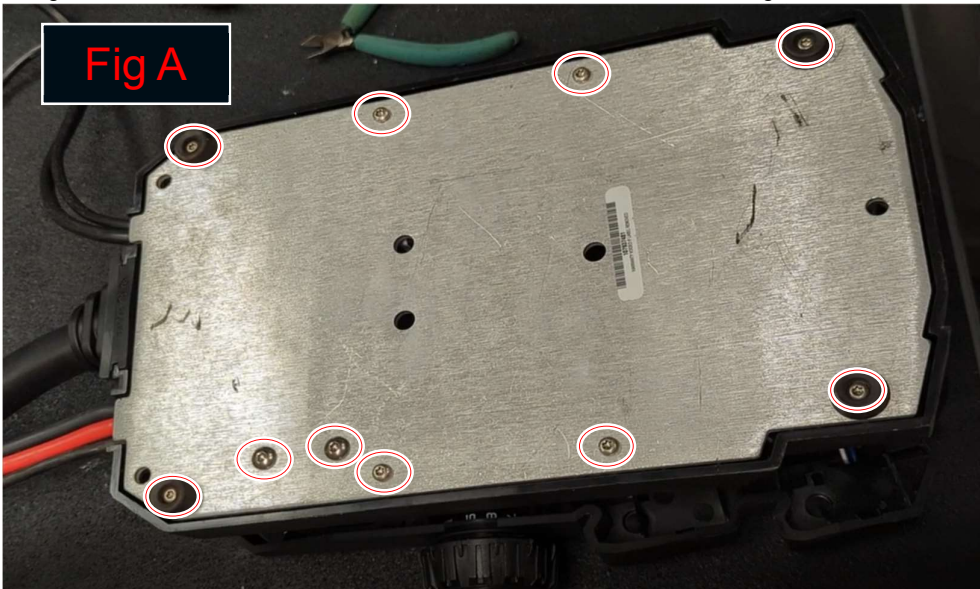
1. Disconnect Power to the Ghost trolling motor.  
**IMPORTANT:** Disconnect power to prevent an electrical spark should a tool or equipment come in contact with an exposed electrical terminal. Failure to follow these precautions may result in personal injury and/or property damage.



2. Rotate the Ghost Foot Pedal 180° to fully expose the aluminium foot pedal plate and fasteners

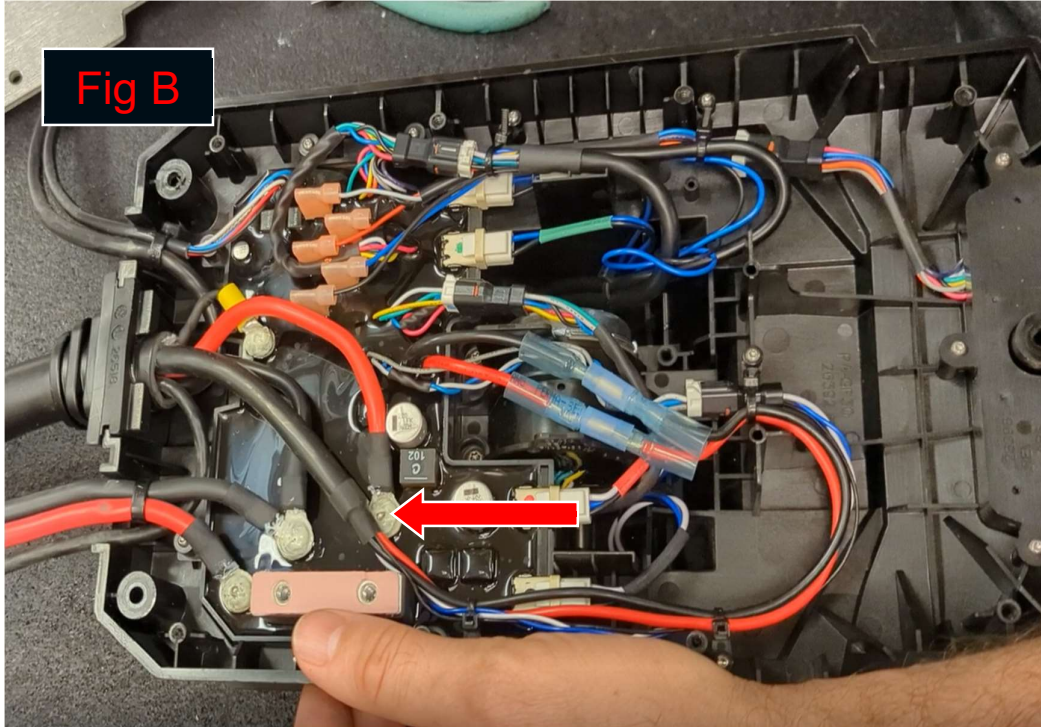


3. Using a screwdriver with a T15 Torx bit remove the 10 fasteners shown in Fig A:

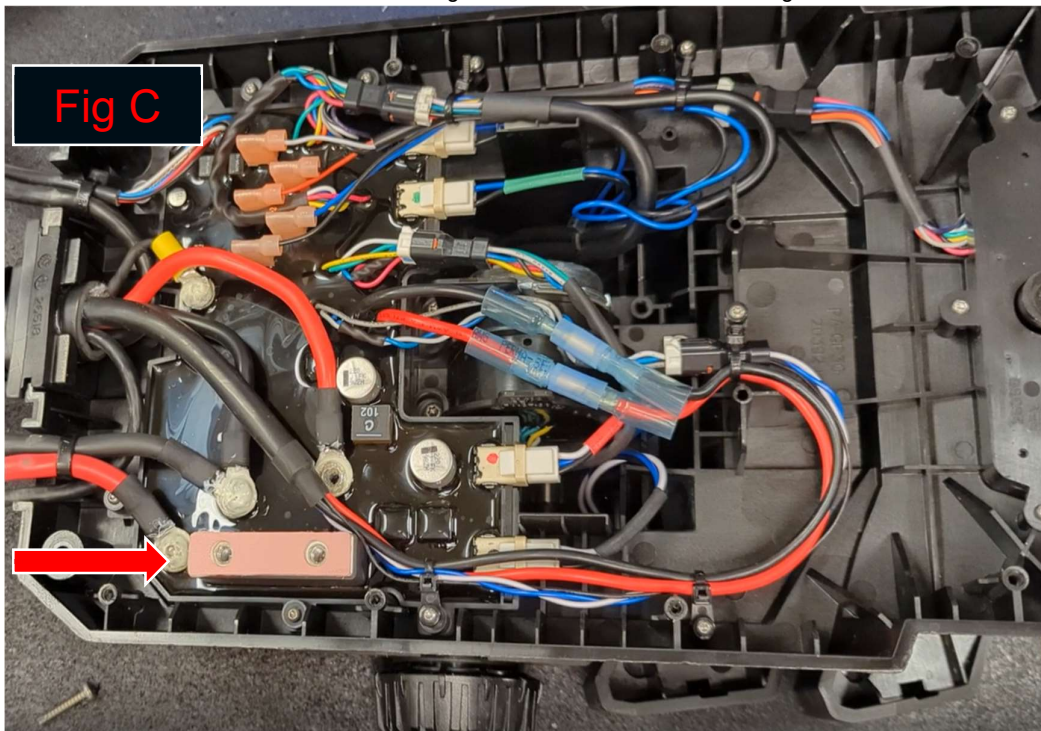




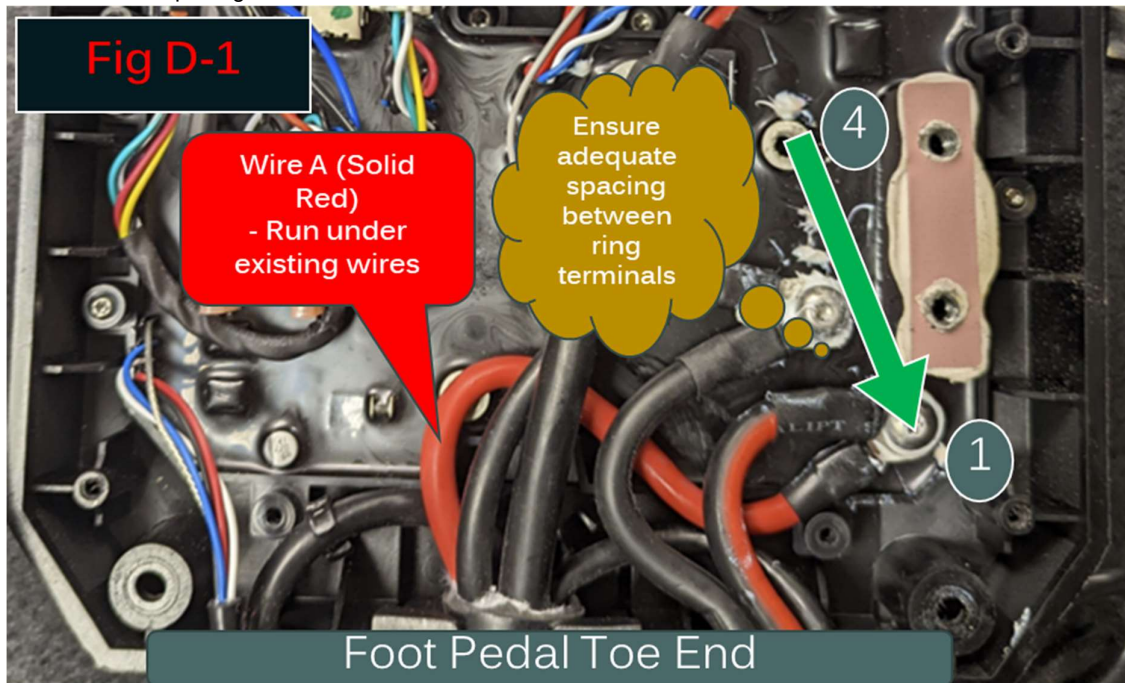
4. Remove the fastener holding the solid red wire, shown in Fig B



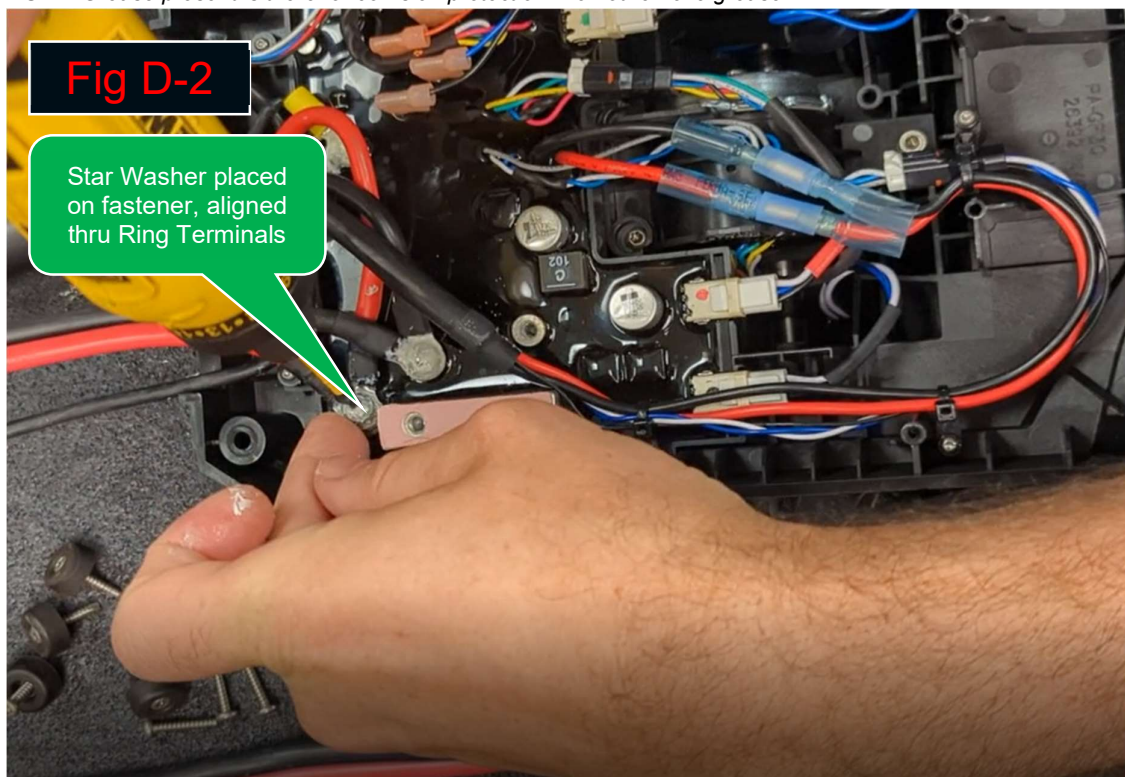
5. Remove the fastener and star washer holding the Red+Black wire shown in Fig C



6. Once the fasteners are removed, Re-route Wire A (Solid Red Wire) from Location 4 to Location 1 with the Red+Black Wire per Fig D-1:



7. Re-apply the Star Washer to the fastener and align the Red+Red/Black wires and ring terminals to the Board Lug (Fig D-1)
  8. Apply blue threadlocker or super glue to the fastener thread before engagement to the board lug
  9. Re-Install the fastener through the ring terminals and into the board lug. (Fig D-2)
- NOTE:** Grease present is there for corrosion protection. Do not remove grease.



10. Tighten the fastener snug to the board assembly using the T15 Torx and Screwdriver.

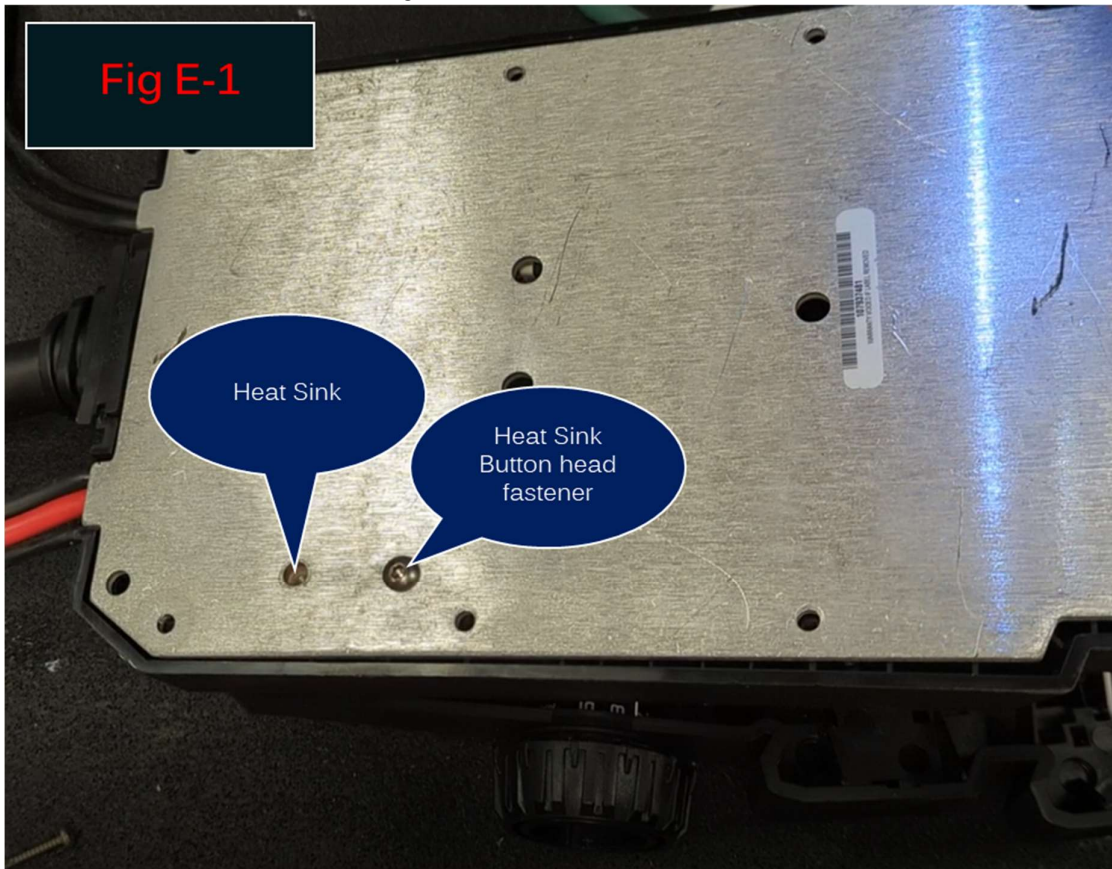


11. Re-Install the aluminum foot pedal plate

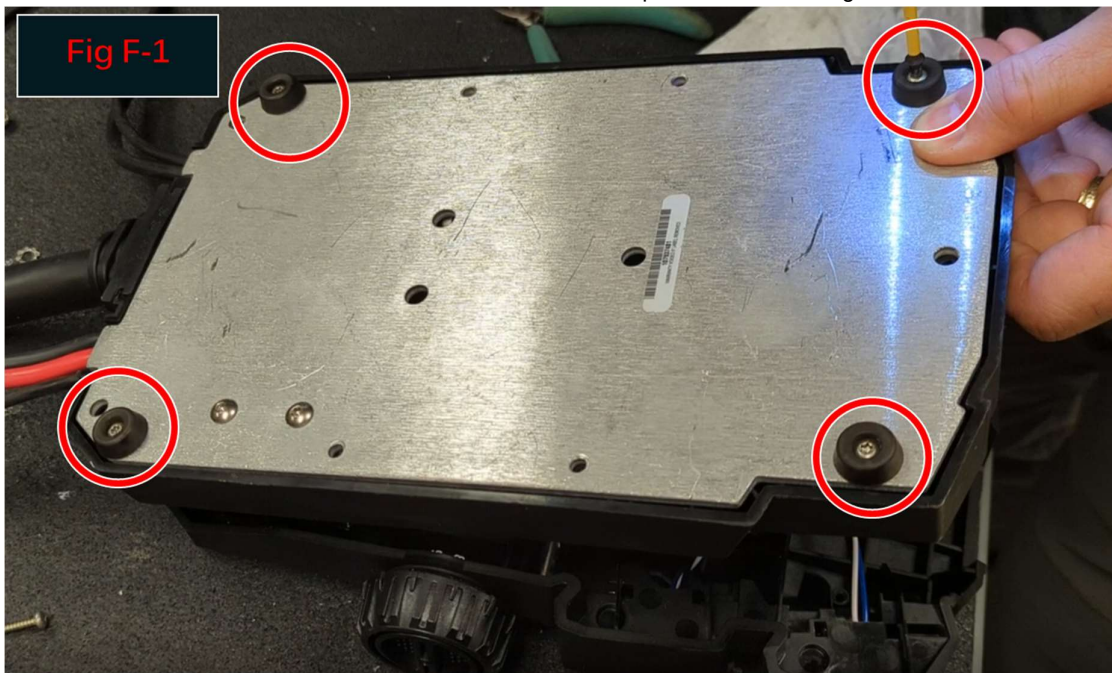
**NOTE:** Do not pinch wiring between the foot pedal plate and foot pedal assembly

12. Insert the (2) - button head fasteners through the aluminum foot pedal plate and into the heat sink (Fig E-1)

**NOTE:** Use care to avoid cross threading



13. Re-install the 4 rubber feet and Torx fasteners to the aluminium plate as shown in Fig F-1:



14. Re-install the remaining Torx fasteners to the foot pedal assembly

15. Tighten foot pedal plate fasteners snug to the assembly
16. Re-connect power to the Ghost trolling motor.  
**NOTE:** *Process is complete*
17. In the event that the Ghost does not power-on, disconnect power from the Ghost. Please contact customer support for assistance in diagnosis.

### For trolling motors updated per this bulletin:

United States Service Centers should complete a Warranty Repair Claim for the cost of labor listing:

**Serial Number:**

**Fail Code: GC01**

**Flat Rate Code: TB02 (\$30)**

### Limited time offer:

Consumers that complete this rework themselves should email [Redemption@Navico.com](mailto:Redemption@Navico.com) for details on how to redeem Lowrance apparel. This offer is only valid for Ghost trolling motors repaired at home by the instructions outlined in technical bulletin: TB-164372 by Sept 1<sup>st</sup>, 2023.