

**Technical Service Bulletin 42**  
**Boat Main Fuse Replacement**  
 August 4, 2000

The fuse in some series C wakeboard boats is not able to maintain all working features while the ballast system is in operation. In these instances, the following procedure may be required.

**Parts Needed**

30-amp main fuse (Part # MBC0011276)	
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**Tools Needed**

3/8-inch wrench	1/2-inch wrench	Phillips screwdriver
Wire cutters	Heat gun	

**⚠ WARNING**

Always be sure to wear OSHA approved eye protection when using a drill or other rotary tools as these have the potential to throw debris into the air. Use caution when handling a heat gun.

**Part Number MBC0011276**



**Procedure**

**Step 1 – Turn off battery switch**

The battery switch is located at the starboard/front side of the engine box. Switch the knob to the OFF position.

## Step 2 – Disconnect battery terminals

Starting with the negative side (black wire), remove the nut securing the wire to the battery. Next, remove the wire from the battery terminal. Finally, repeat same steps with the positive side (red wire).

## Step 3 – Remove engine box cover

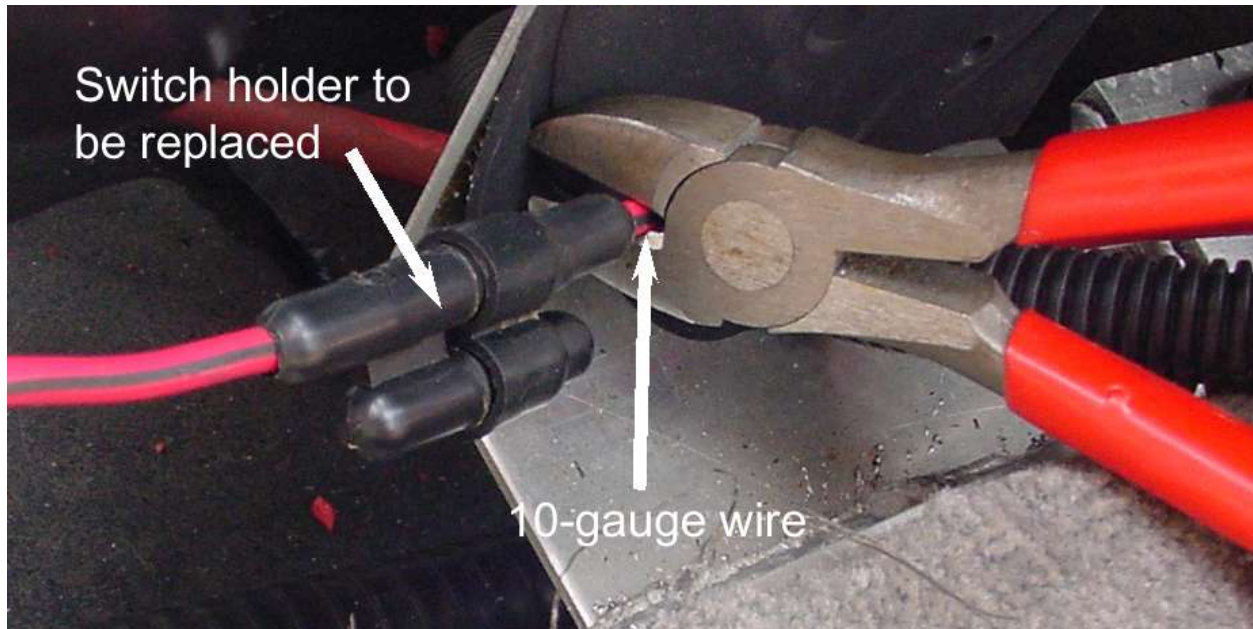
First, open the engine box cover. Next, unscrew the four thumbscrews on the inside of the engine box, making sure to place the thumbscrews in a safe location for later use. Then, close the engine box cover and secure the engine box clamps on the front of the cover. Finally, lift the engine box free of the engine and place it outside of the boat.

## Step 4 – Remove battery switch

First, remove the four screws and nuts securing the battery switch cover. Use a 3/8-inch wrench to hold the nuts in place as you remove the screw. Place the nuts and screws in a safe location for later use. Finally, remove the battery switch cover from the battery switch.

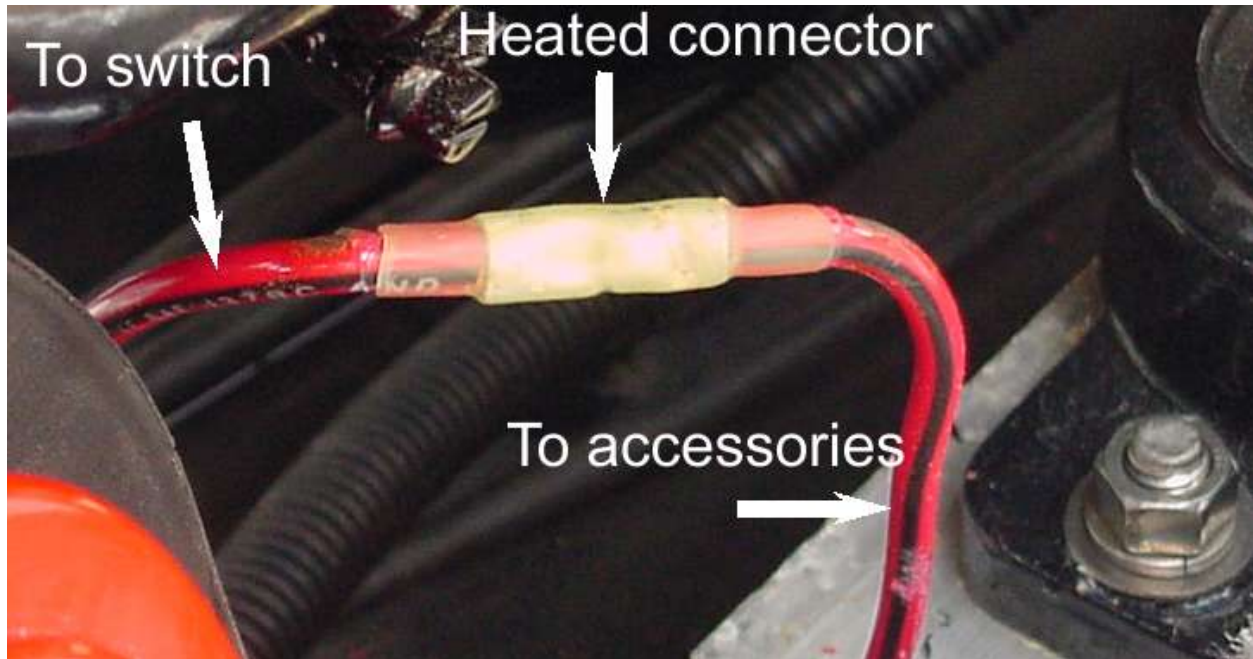
## Step 5 – Remove inline fuse holder from battery switch wire

Using the wire cutters cut the 10-gauge battery switch wire between the fuse holder and the battery switch as shown in the figure below.



### Step 6 – Replace inline fuse holder and wire

First, strip 1/8 inch of insulation back from the tip of the 10-gauge wire. Next, insert the stripped wire end into the butt connector and crimp the wire together. **Note:** Be sure to pull test the wire to ensure a solid crimp connection. Finally, shrink the insulation on to the butt connector using the heat gun. A completed connection is shown in below.



### Step 7 – Reinstall battery switch, reconnect battery terminals, and replace engine box

Reverse the procedures outlined in step number 4, followed by step number 3, and finally step number 2.