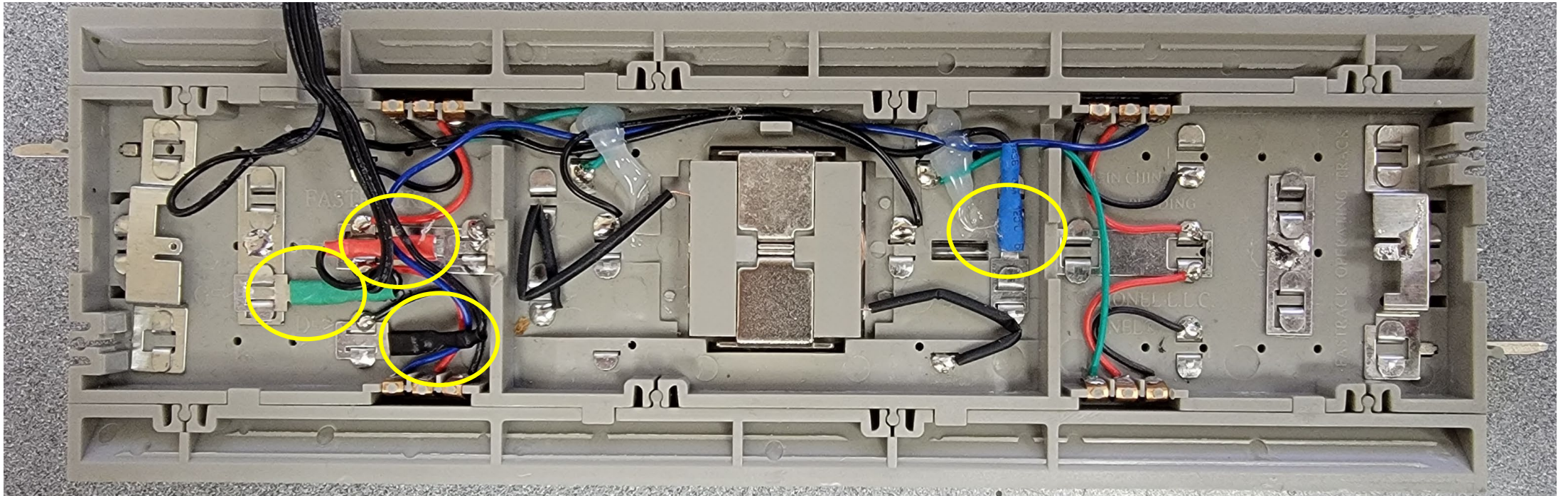


## Wiring Lionel Operating FasTrack to LCS ASC2

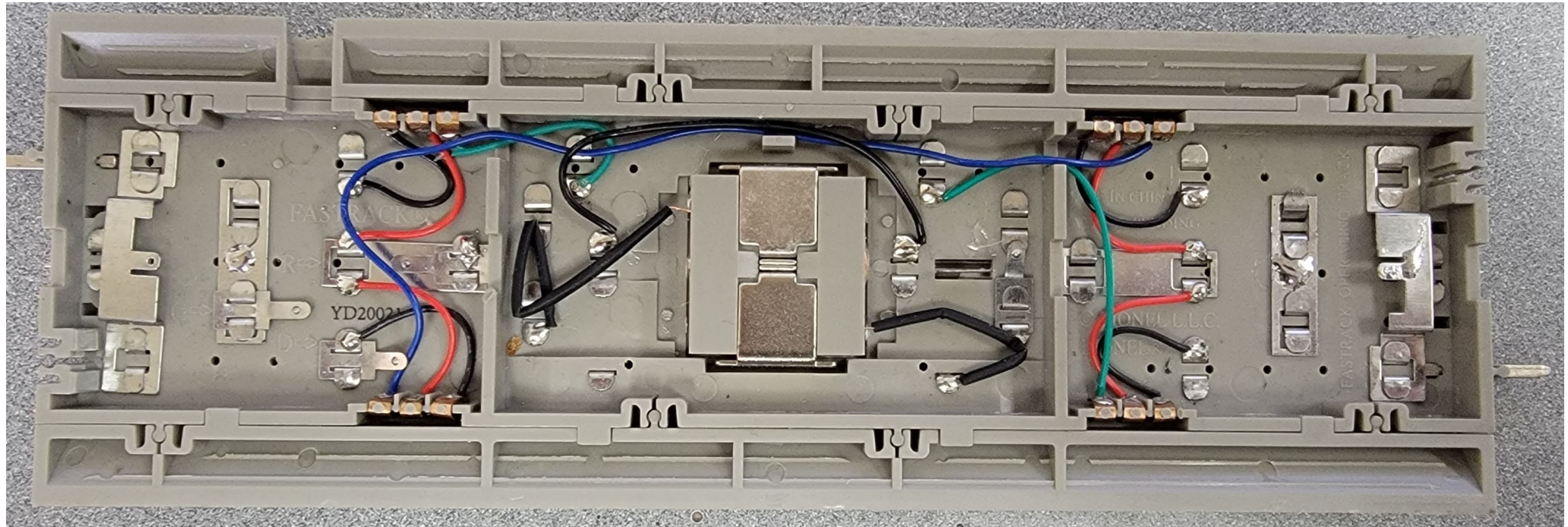
**Step 1.** Remove included control box. The Operating Track Section cannot be controlled with the control box and the ASC2 together.

There are 4 quick connects to remove to release the control box. The blue, green, red, and black connects can be unplugged. These are circled in yellow below. Carefully remove the wires from the hot glue.



## Wiring Lionel Operating FasTrack to LCS ASC2

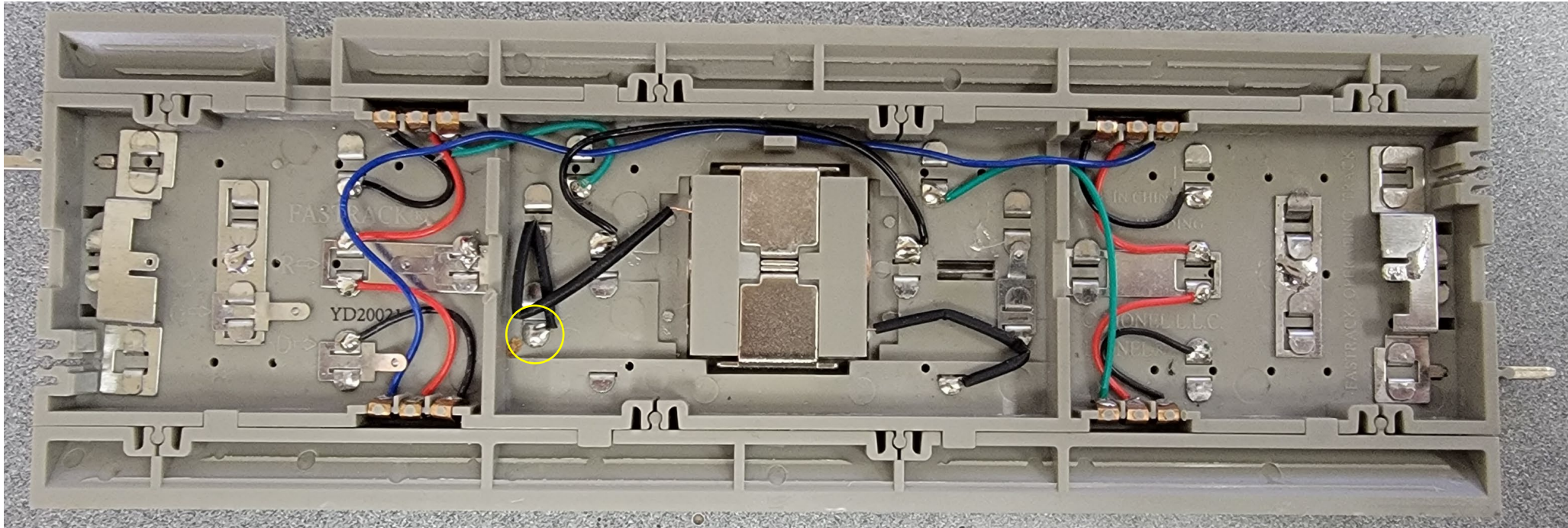
Operating Track Section with control box removed.





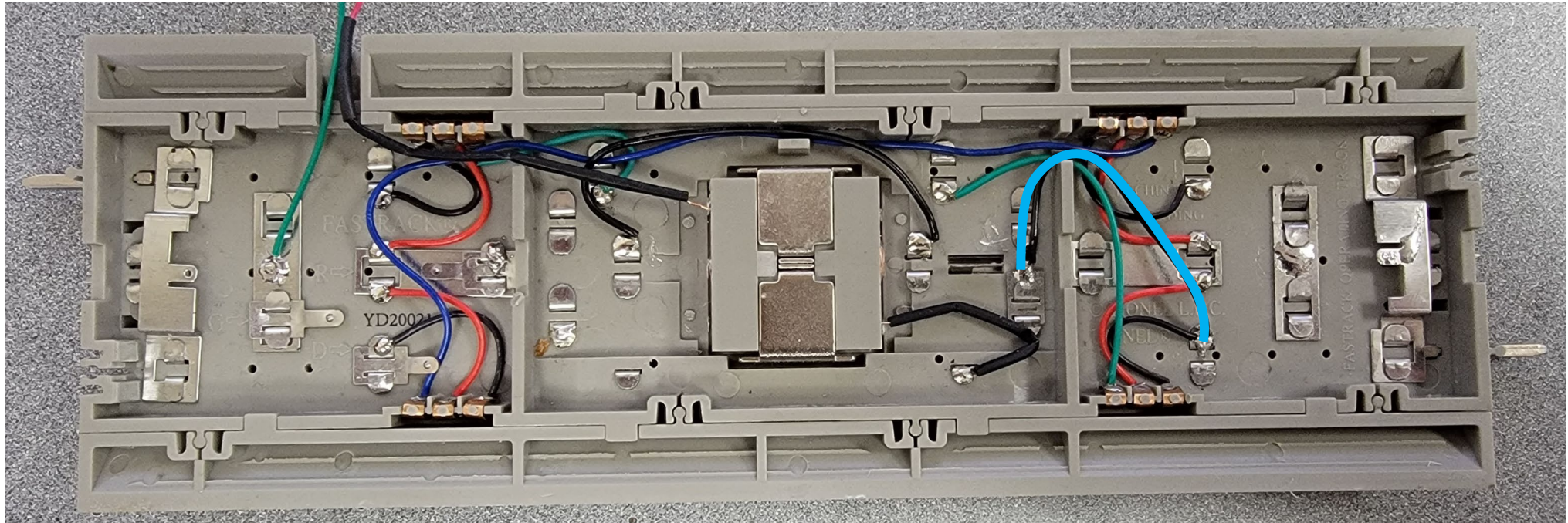
## Wiring Lionel Operating FasTrack to LCS ASC2

**Step 2.** Unsolder the electromagnet wire as circled below in yellow.



## Wiring Lionel Operating FasTrack to LCS ASC2

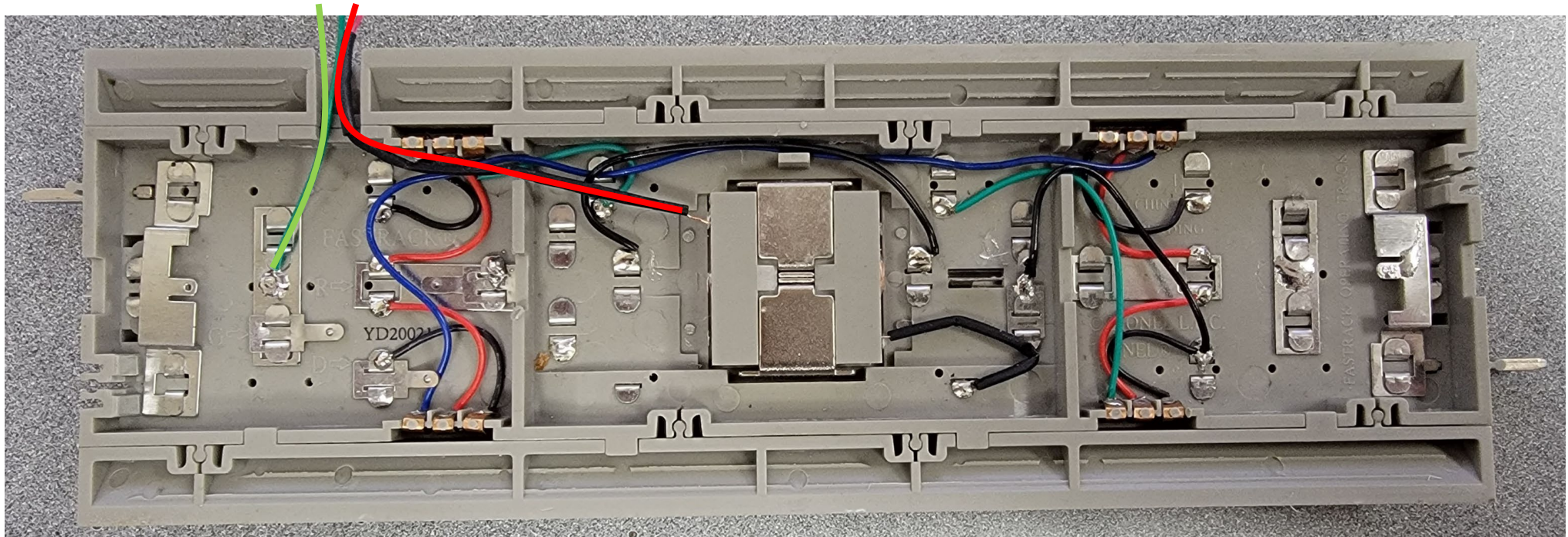
**Step 3.** Solder ground wire from where blue quick connect was to the adjoining outside rail as shown below in light blue.





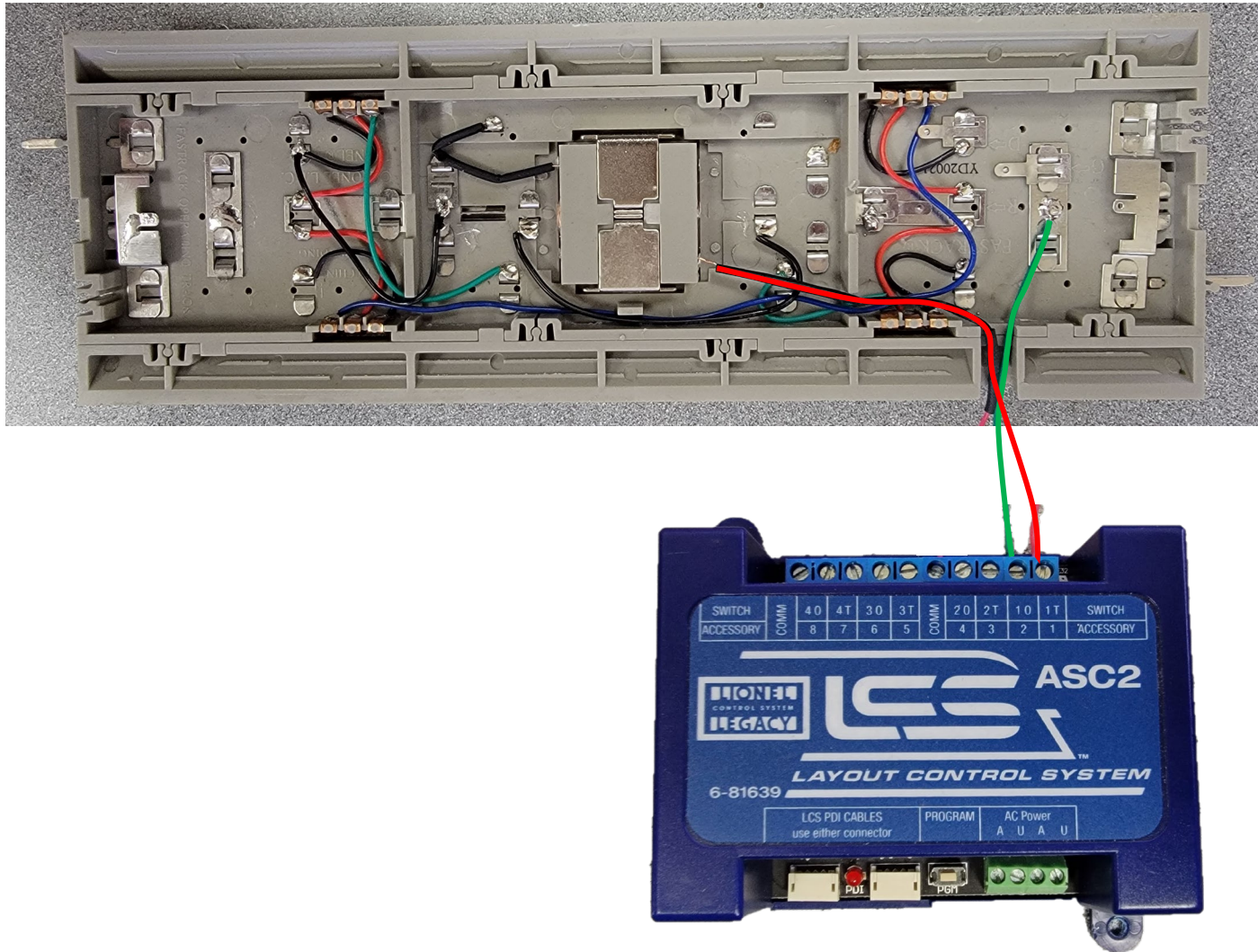
## Wiring Lionel Operating FasTrack to LCS ASC2

**Step 4.** Extend electromagnet wire that was unsoldered earlier (shown in red below). Also, add wire to fifth-rail contact (shown in green below). Run both wires to outside of track section as they will connect to the ASC2.



## Wiring Lionel Operating FasTrack to LCS ASC2

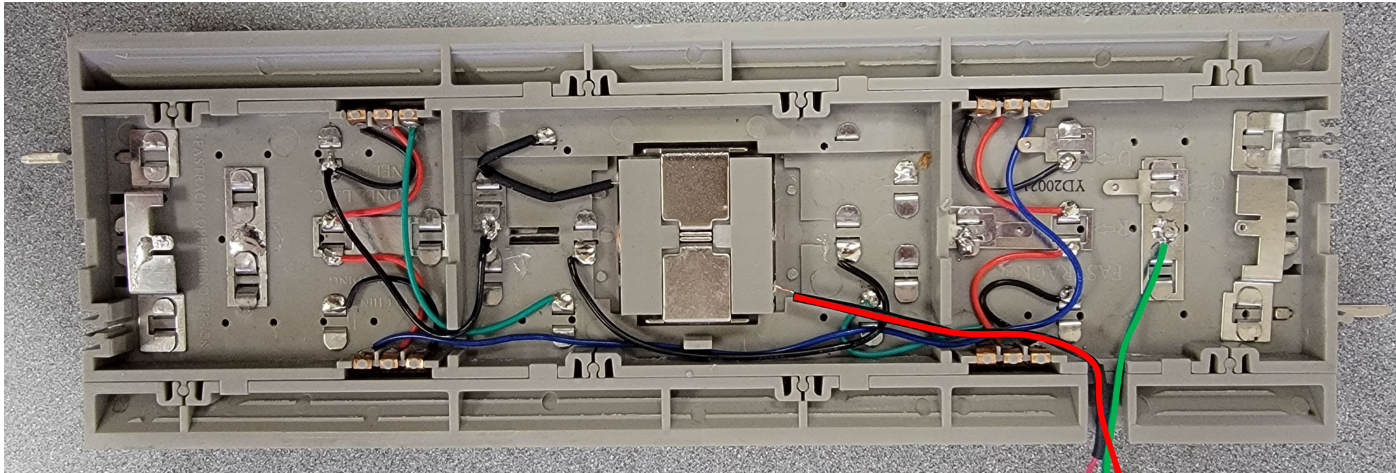
**Step 5.** Connected the 2 wires from the Operating Track section to the ASC2.



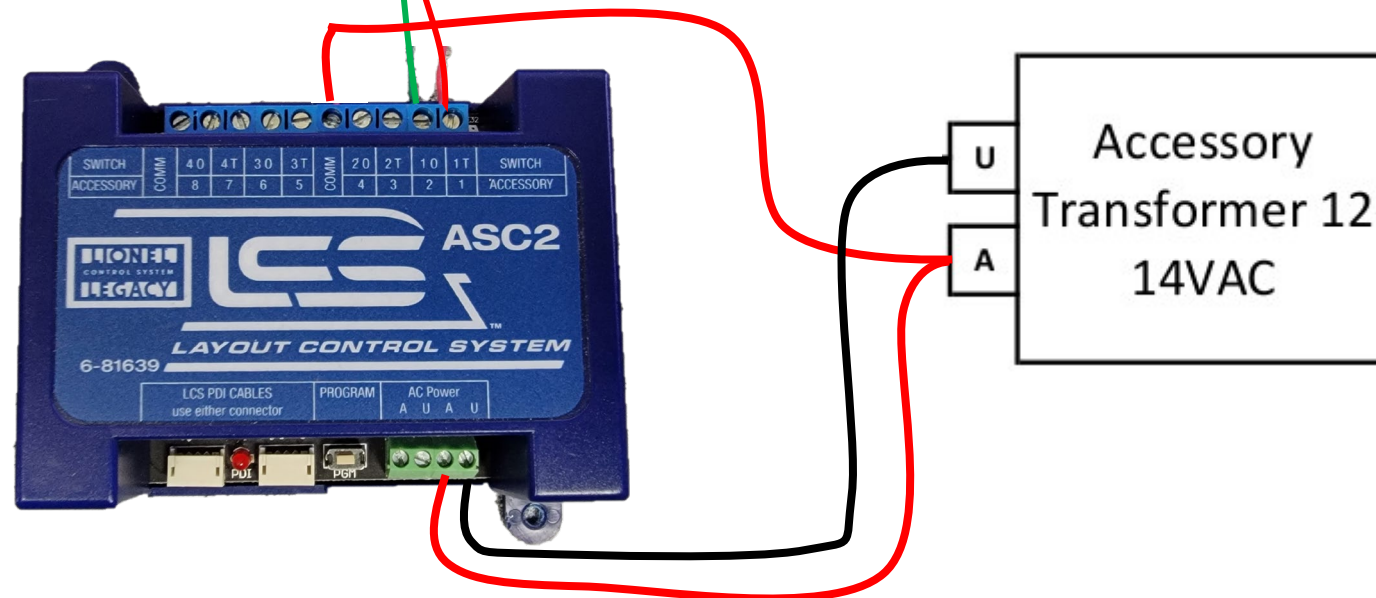


## Wiring Lionel Operating FasTrack to LCS ASC2

**Step 6.** Connected the “COMM” terminal on the ASC2 to either accessory power or track center rail.



Note: The AC Power terminals on the ASC2 are required to have an accessory transformer connection to power the ASC2's internal relays.



## Wiring Lionel Operating FasTrack to LCS ASC2

### **Step 7.** Programming the ASC2 for controlling the Operating FasTrack section

1. Press ASC2 PGM button for one second. Red LED will begin flashing.
2. On a CAB controller, press ACC and the TMCC ID # you wish to assign to the ASC2.
3. Hit set.
4. Press 0 to put the ASC2 in “Accessory 8 TMCC ID” mode.
5. Press the ASC2 PGM button to exit program mode.



## Wiring Lionel Operating FasTrack to LCS ASC2

**Step 8.** To control the electromagnet uncoupler:

If the ASC2 was programmed as TMCC ACC #1 and wired per Step 5, then the uncoupler would be ACC #1. On the CAB controller, press ACC, 1.

Press AUX1 to activate the uncoupler. Letting go of AUX1 will turn the uncoupler off. This is momentary action.

Press AUX2 to turn the uncoupler on. It will stay on until AUX2 is pressed again. This is latching action.

Note: It is highly recommended to not operate the electromagnet uncoupler for more than 5 seconds at a time as heat will build up and may damage the Operating Track section.

## Wiring Lionel Operating FasTrack to LCS ASC2

**Step 9.** To control the operating rails:

If the ASC2 was programmed as TMCC ACC #1 and wired per Step 5, then the operating rails would be ACC #2. On the CAB controller, press ACC, 2.

Press AUX1 to activate the operating rails. Letting go of AUX1 will turn the operating rails off. This is momentary action.

Press AUX2 to turn the operating rails on. It will stay on until AUX2 is pressed again. This is latching action.