

## EZ-GO DCS CART TROUBLESHOOTING



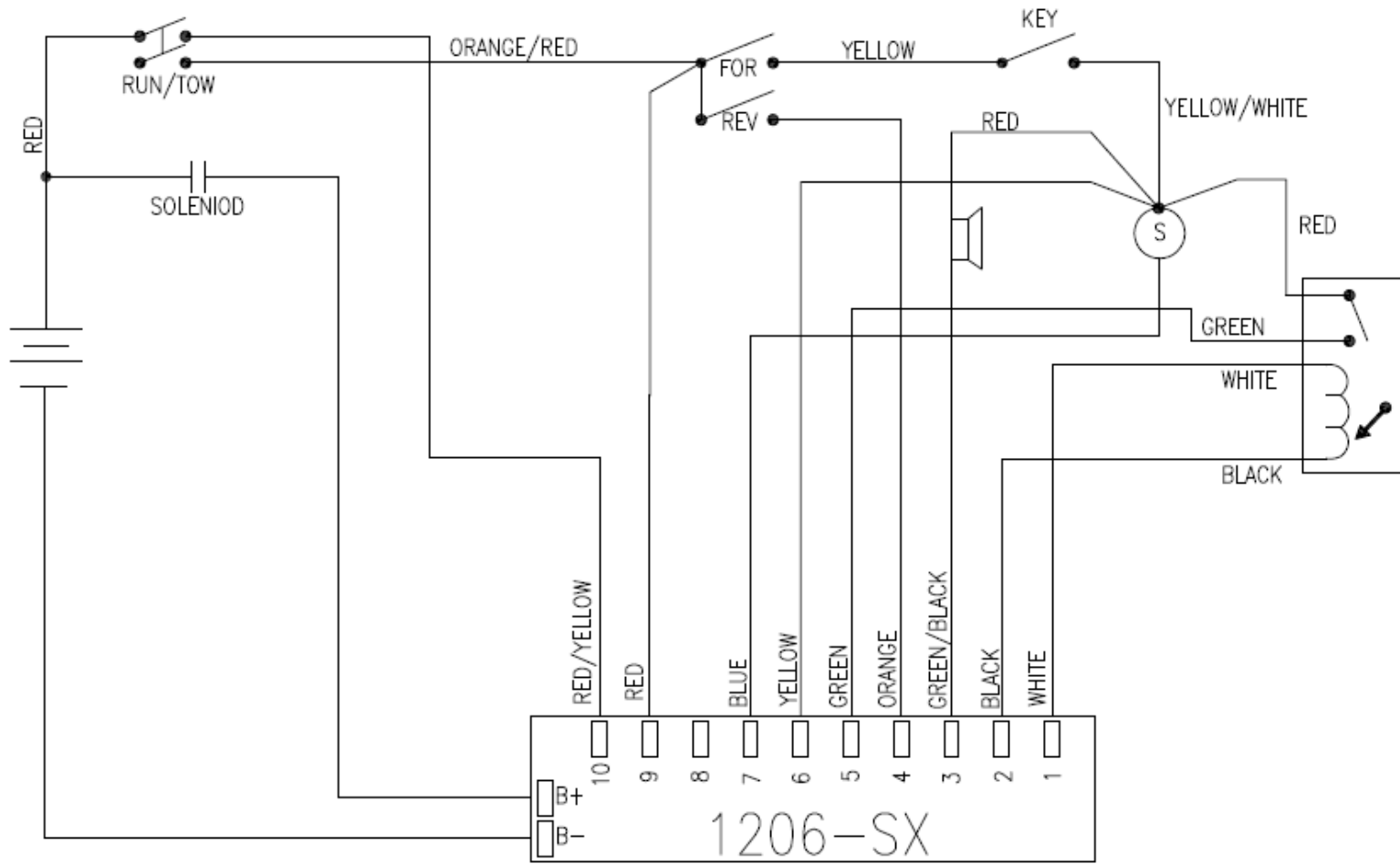
### **NOTE:**

Please use the forward (▶) and back (◀) buttons to navigate.



Begin





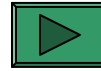
GENERAL WIRING DIAGRAM



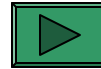
Next 

## TECHNICAL ASSISTANCE

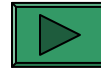
Solenoid Does Not Close



Solenoid Closes But No Travel



Vehicle Travels in reverse when in forward direction, and in forward when in reverse direction.



**PRIOR TO CONTINUED TROUBLESHOOTING THE  
FOLLOWING STEPS MUST BE TAKEN**

1. POSITION THE CART ON LEVEL GROUND AND BLOCK FRONT TIRES TO PREVENT VEHICLE FROM ROLLING.
2. ELEVATE THE DRIVE TIRES FROM THE GROUND.

My vehicle is safely lifted from the ground.

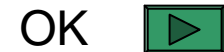


Back

1. Tow/Run switch in the “Run” position.
2. Key switch in the “ON” position.
3. Forward/Reverse selector in “Forward” direction.
4. Place Foot pedal switch in fully accelerated position.



Back



OK

Using a digital voltmeter with the Black Lead on battery negative, battery positive should be measured on the following pins of the controllers 10-pin wiring harness.


**If battery positive is not measured click the arrow of the corresponding wire.**

PIN 10 - RED/YELLOW WIRE 

PIN 9 - RED WIRE 

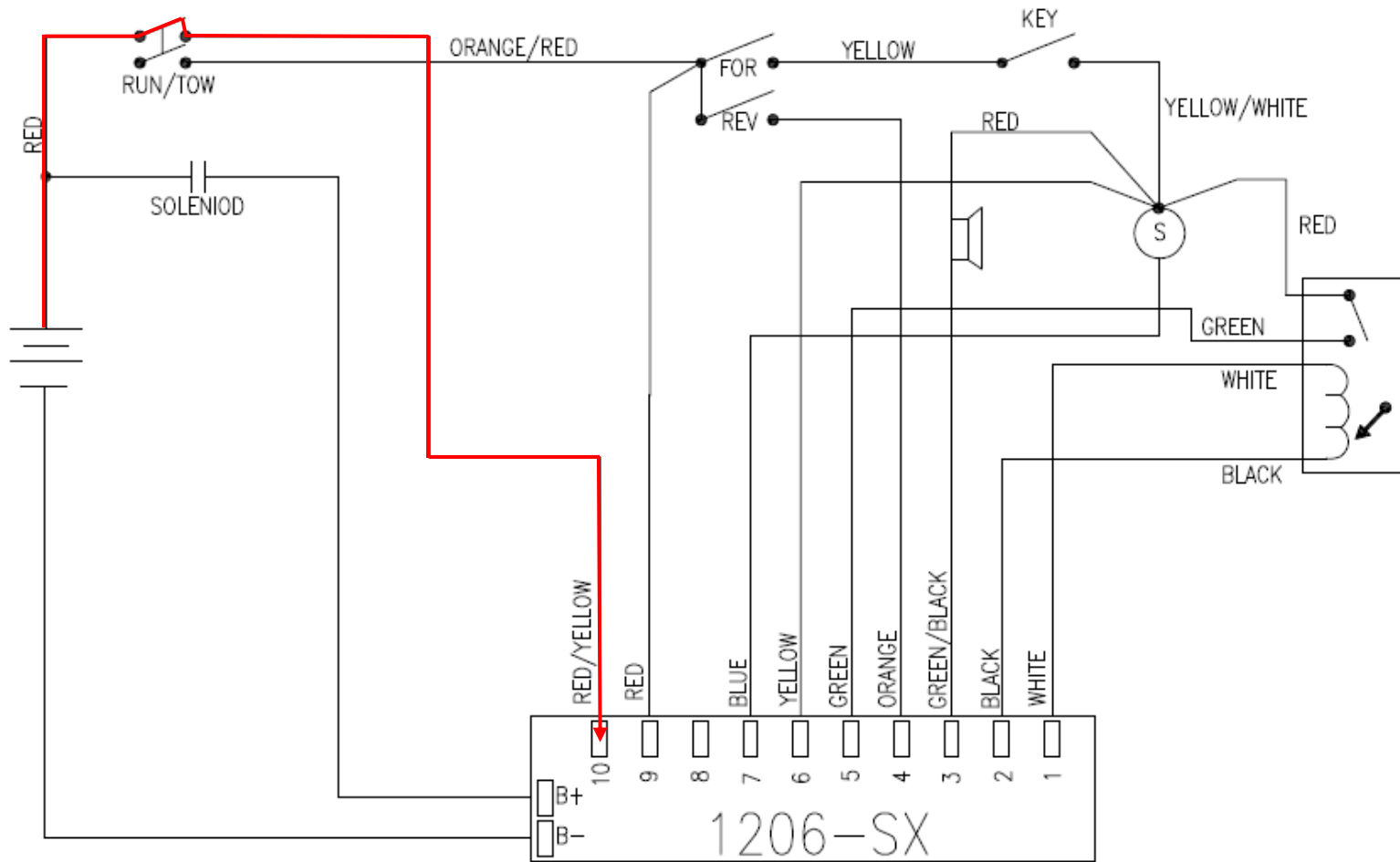
PIN 6 - YELLOW WIRE 

PIN 5 - GREEN WIRE 

All of these wires measure battery positive. 



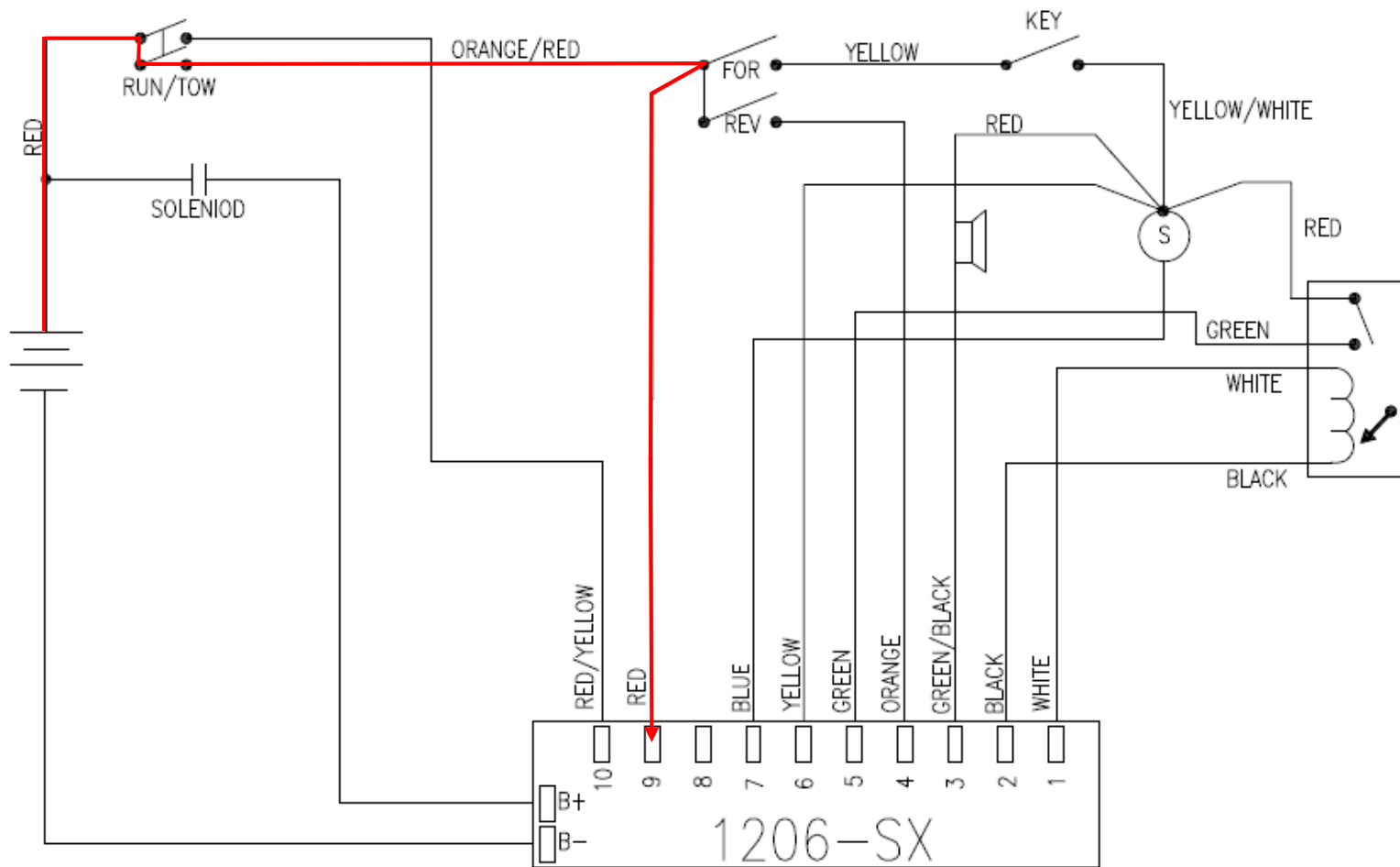
 Back



Pin 10 is supplied through your Run/Tow switch, verify this connection.

Back



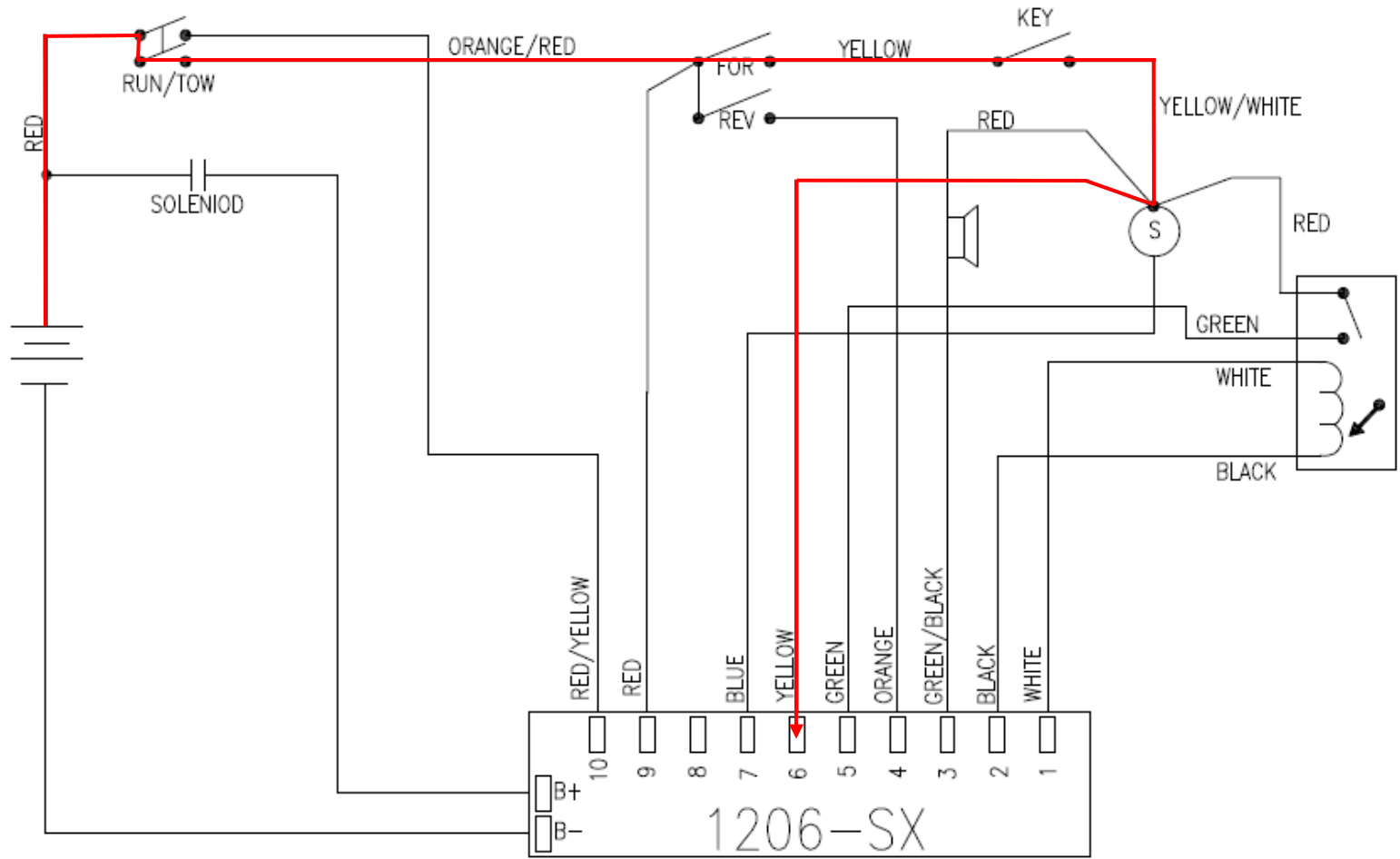


Pin 9 is supplied from the Red wire on your For/Rev switch, verify this connection.

Back



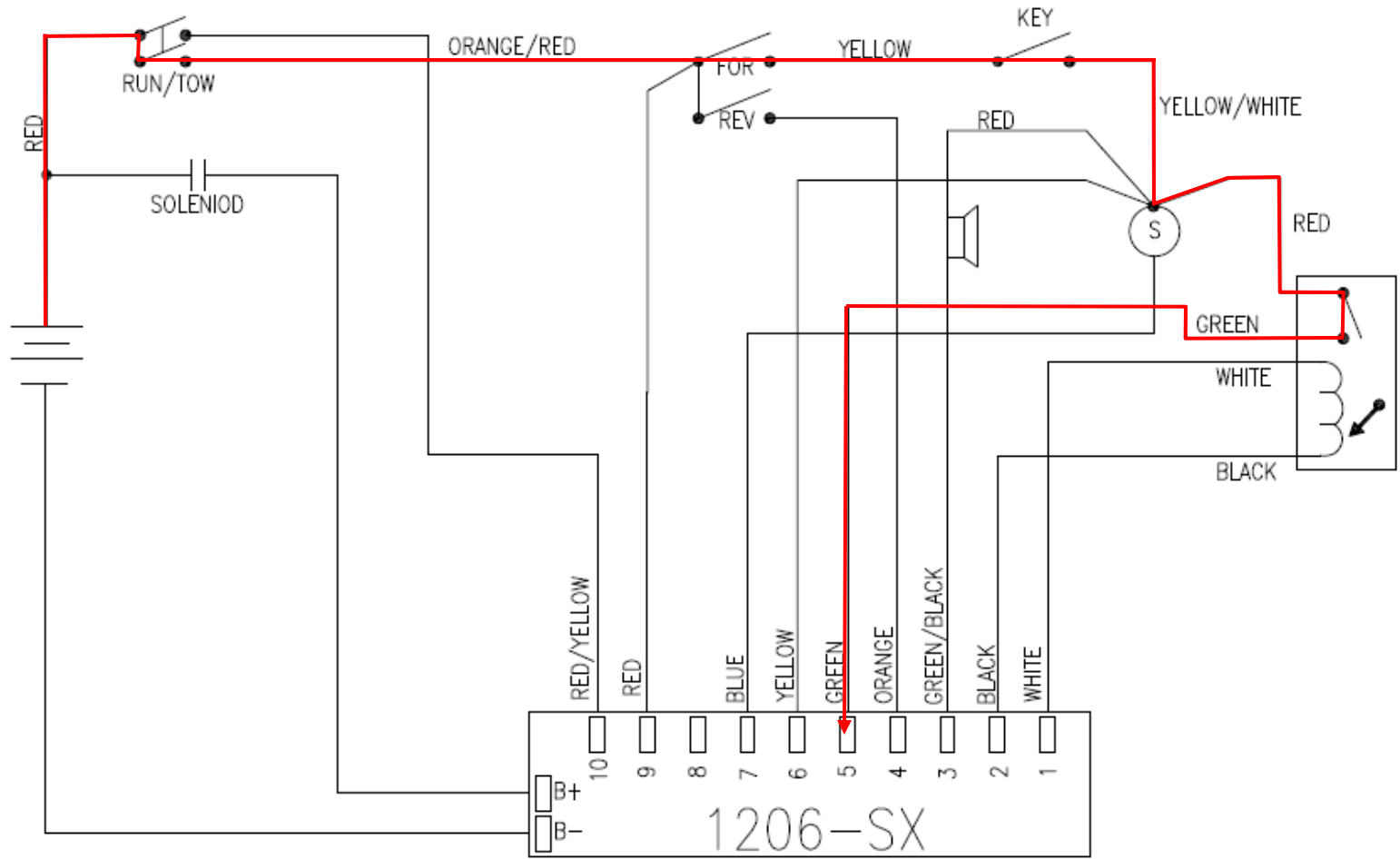




Pin 6 is supplied from the Yellow wire on your Solenoid Coil, verify this connection.

Back

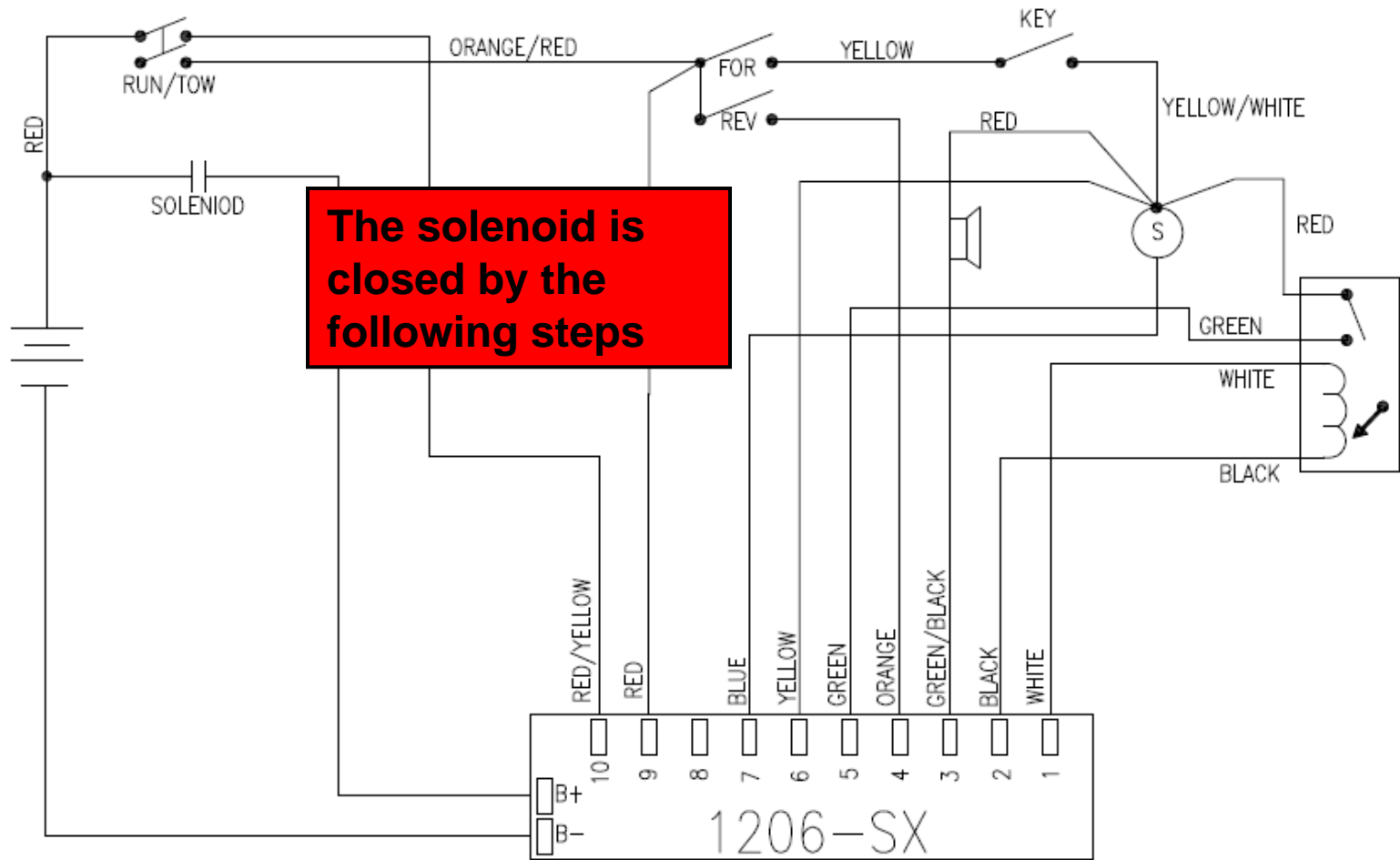




Pin 5 is supplied from the Green wire through your accelerator, verify proper operation of accelerator start switch.

Back

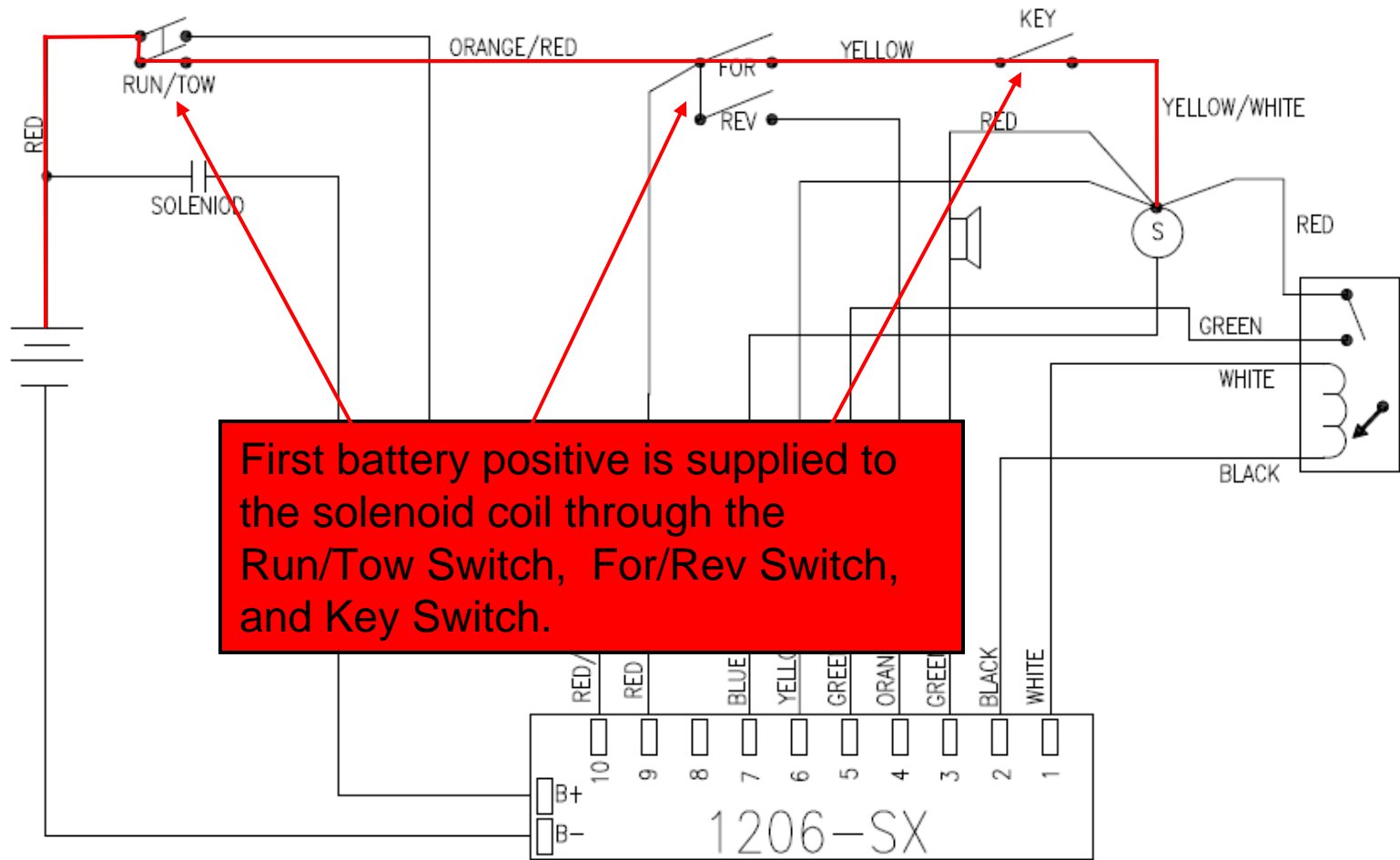




**The solenoid is closed by the following steps**

Next



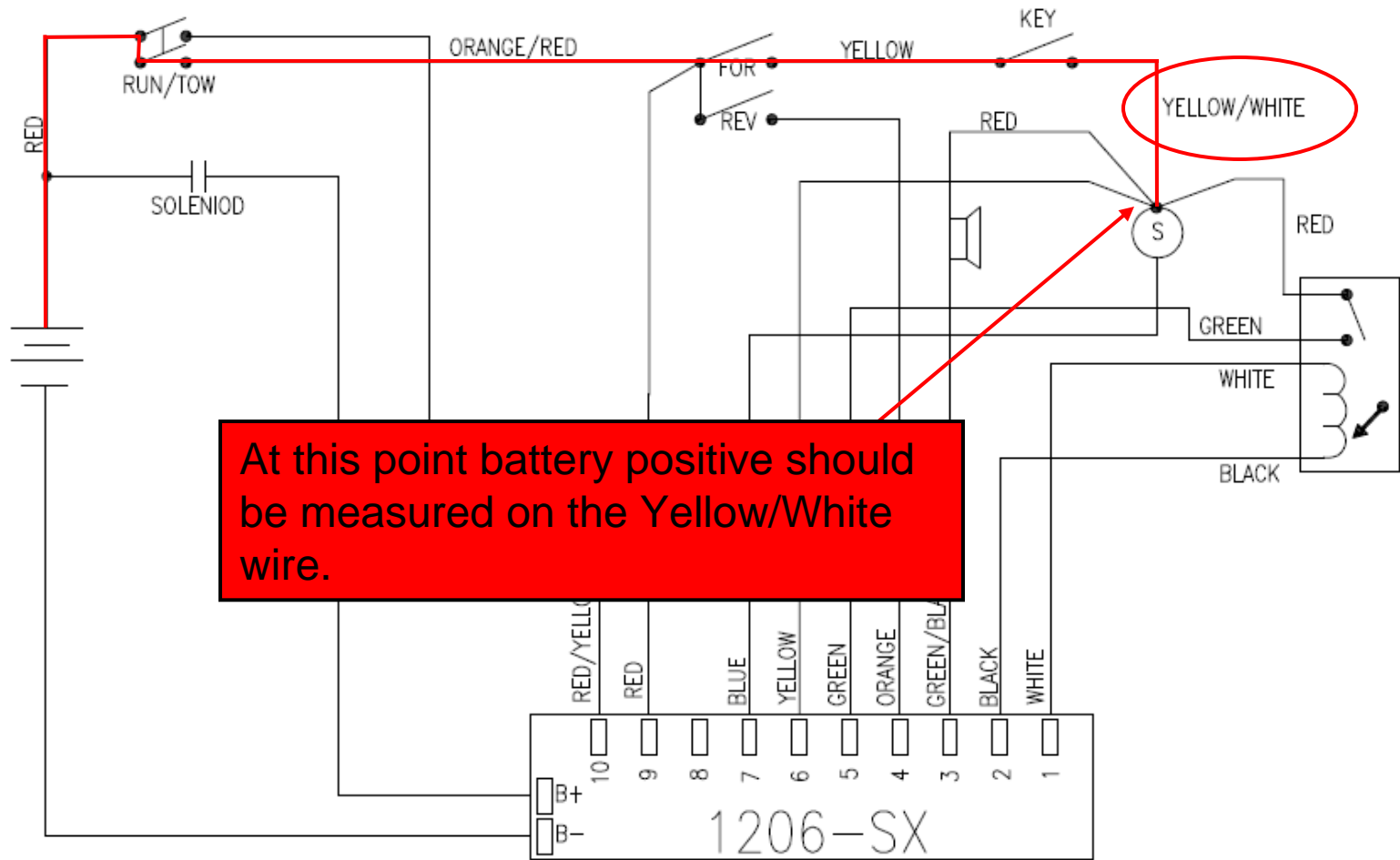


First battery positive is supplied to the solenoid coil through the Run/Tow Switch, For/Rev Switch, and Key Switch.



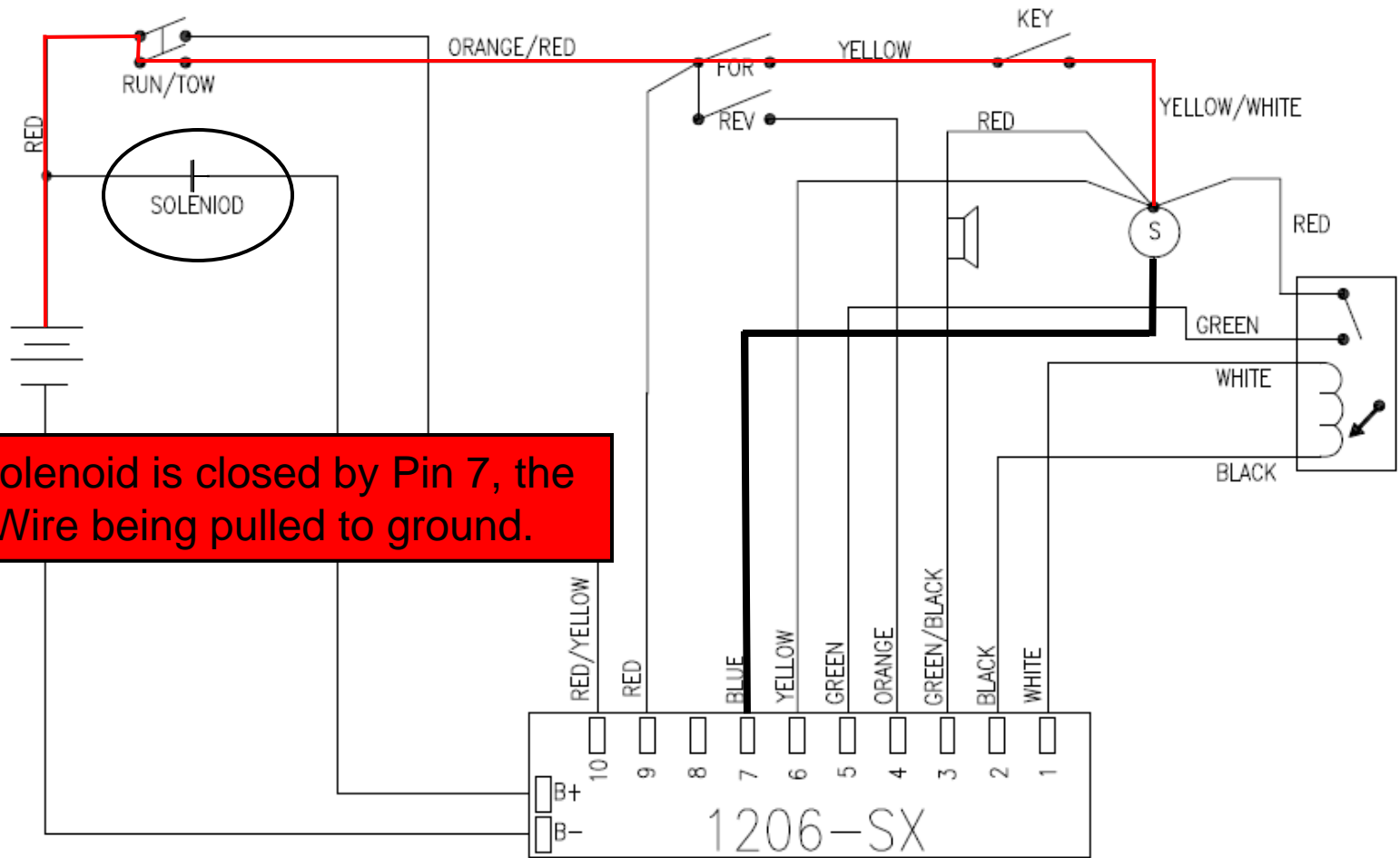
Next





Next

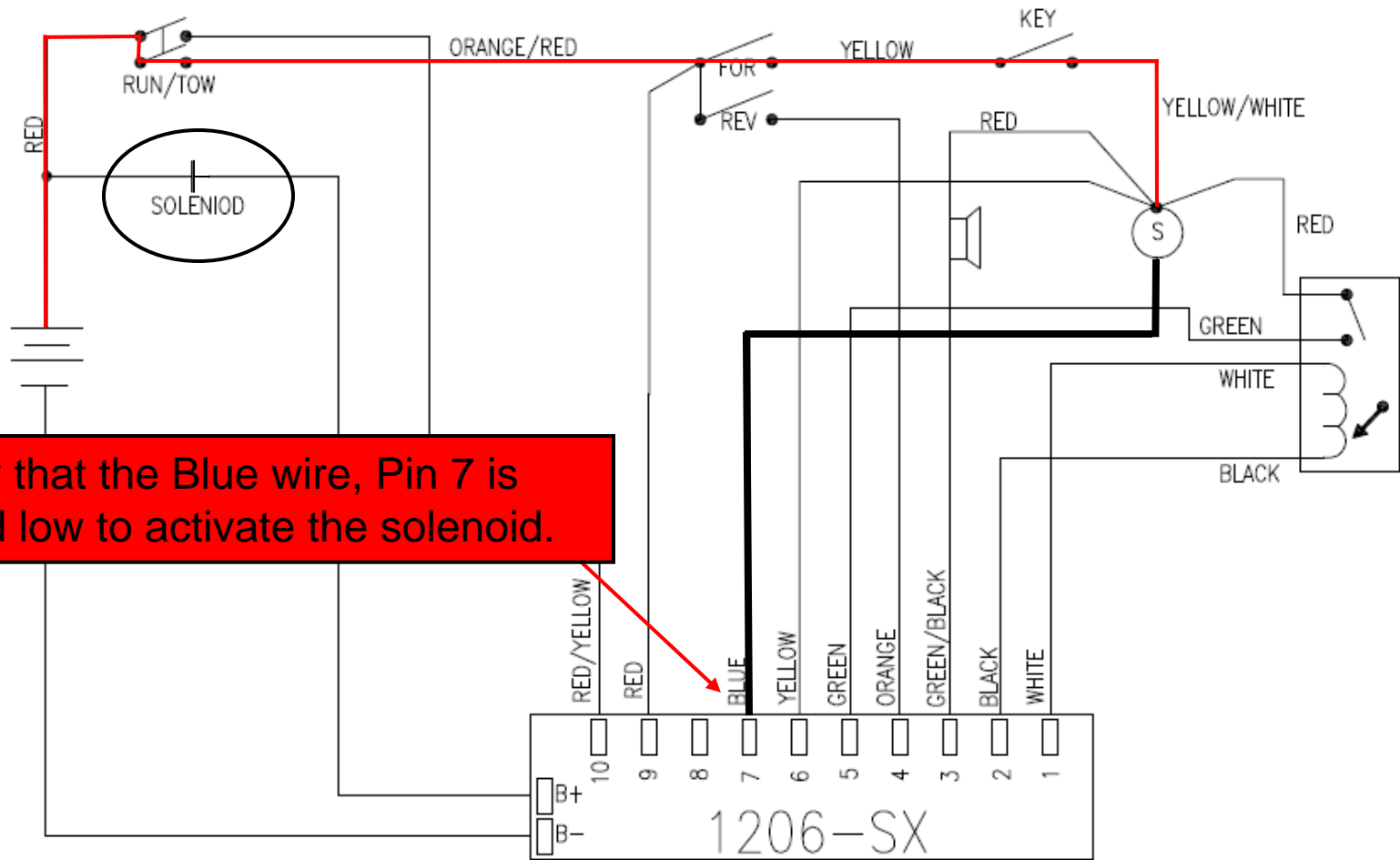




The solenoid is closed by Pin 7, the Blue Wire being pulled to ground.

Next



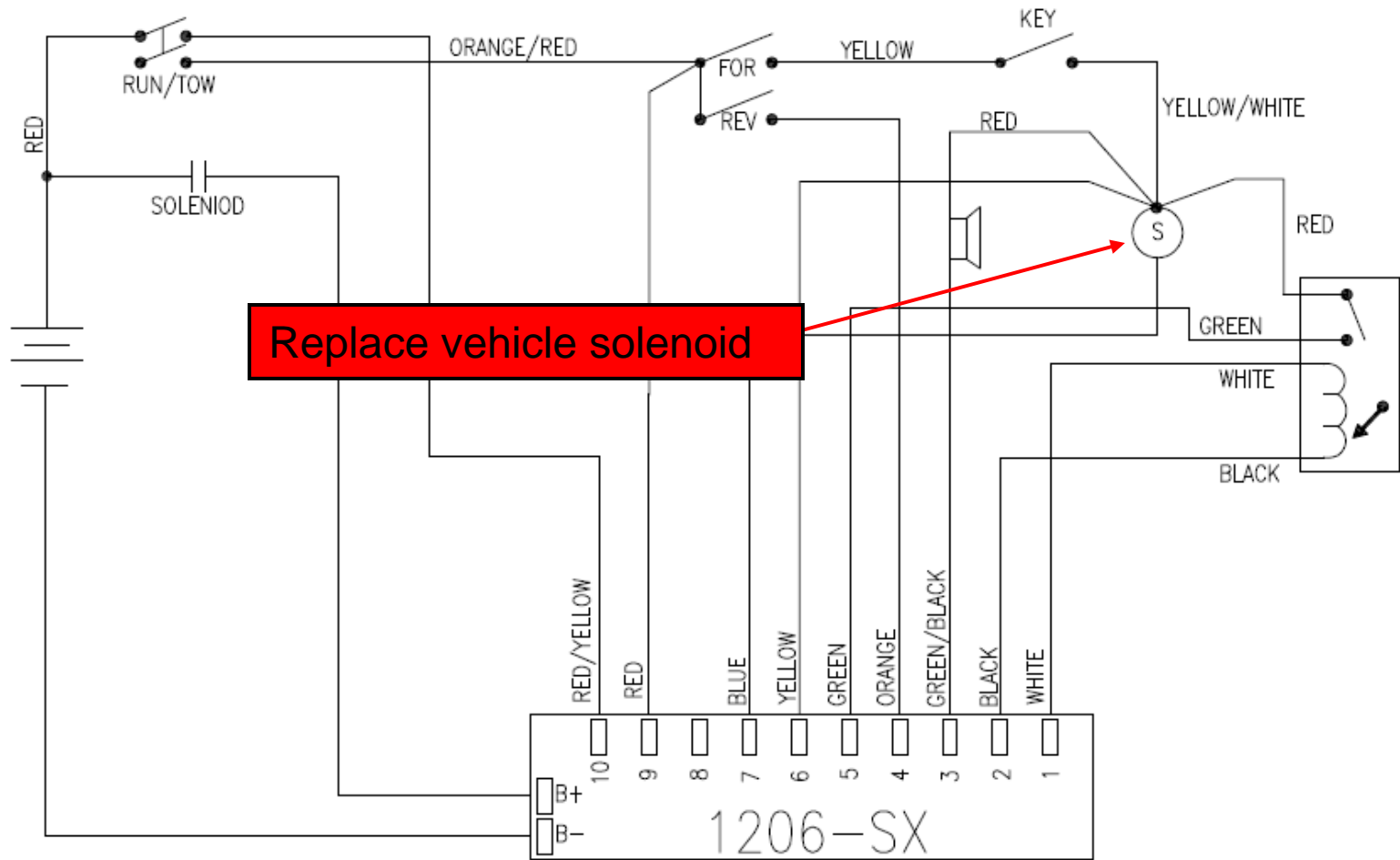


Verify that the Blue wire, Pin 7 is pulled low to activate the solenoid.



Pin 7 is NOT being pulled low

Pin 7 is being pulled low



End





At this point it is determined that your controller is faulty. Contact Flight Systems Industrial Products at 1-800-333-1194 to order a replacement controller.

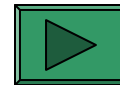


End

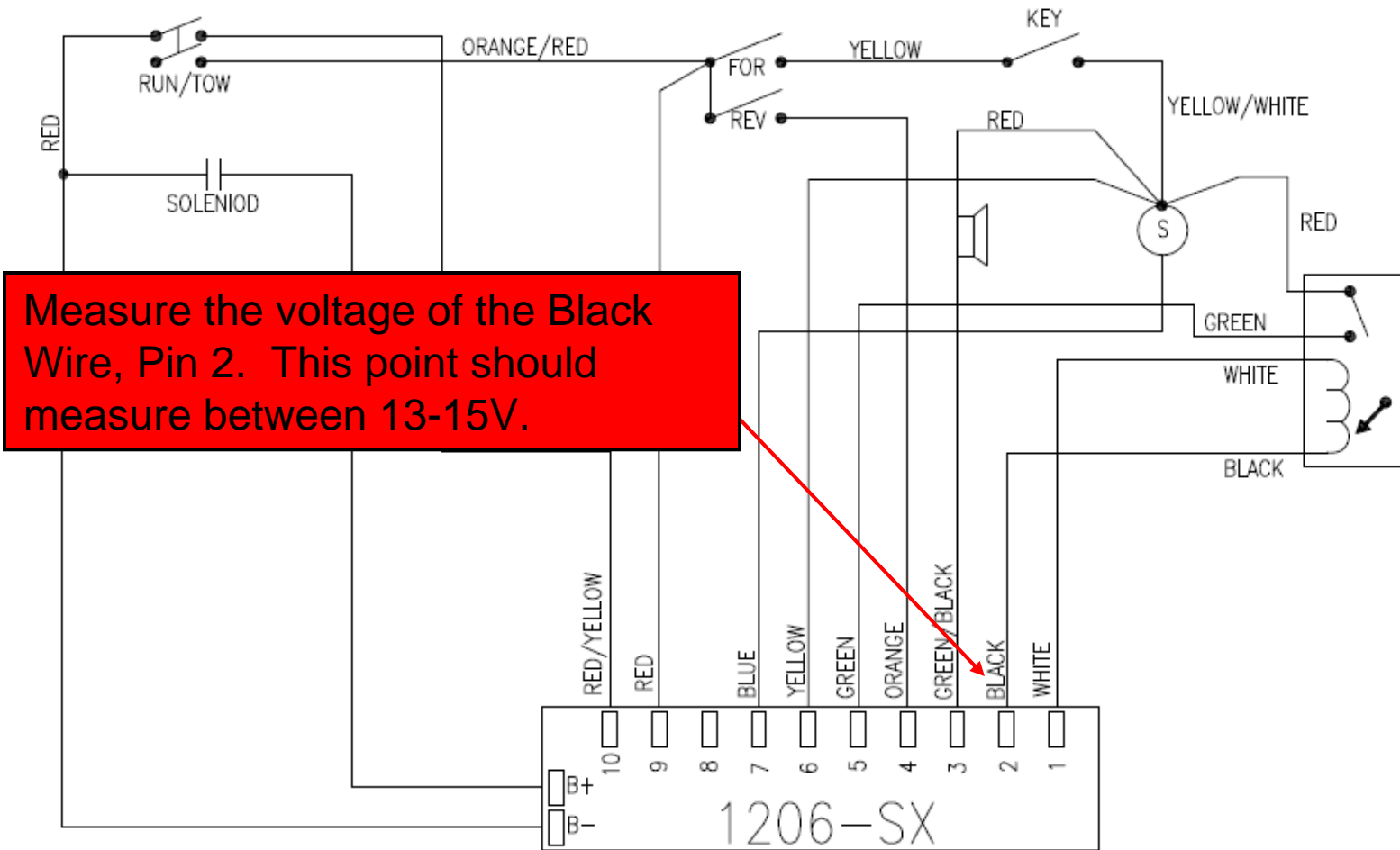


1. Tow/Run switch in the “Run” position.
2. Key switch in the “ON” position.
3. Forward/Reverse selector in “Forward” direction.

OK



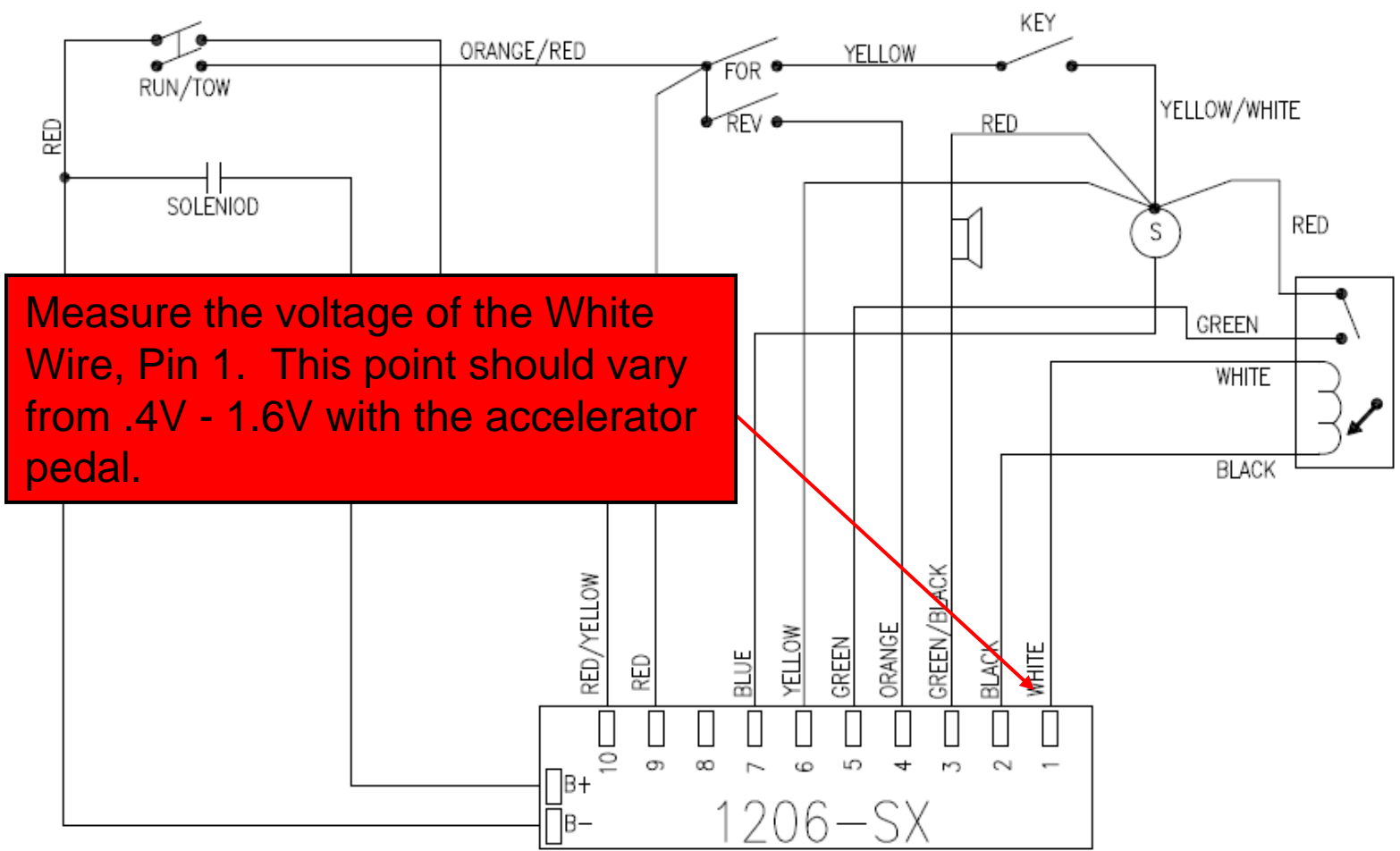
Back



Pin 2 measures between 13-15V.

Pin 2 does not measure between 13-15V.



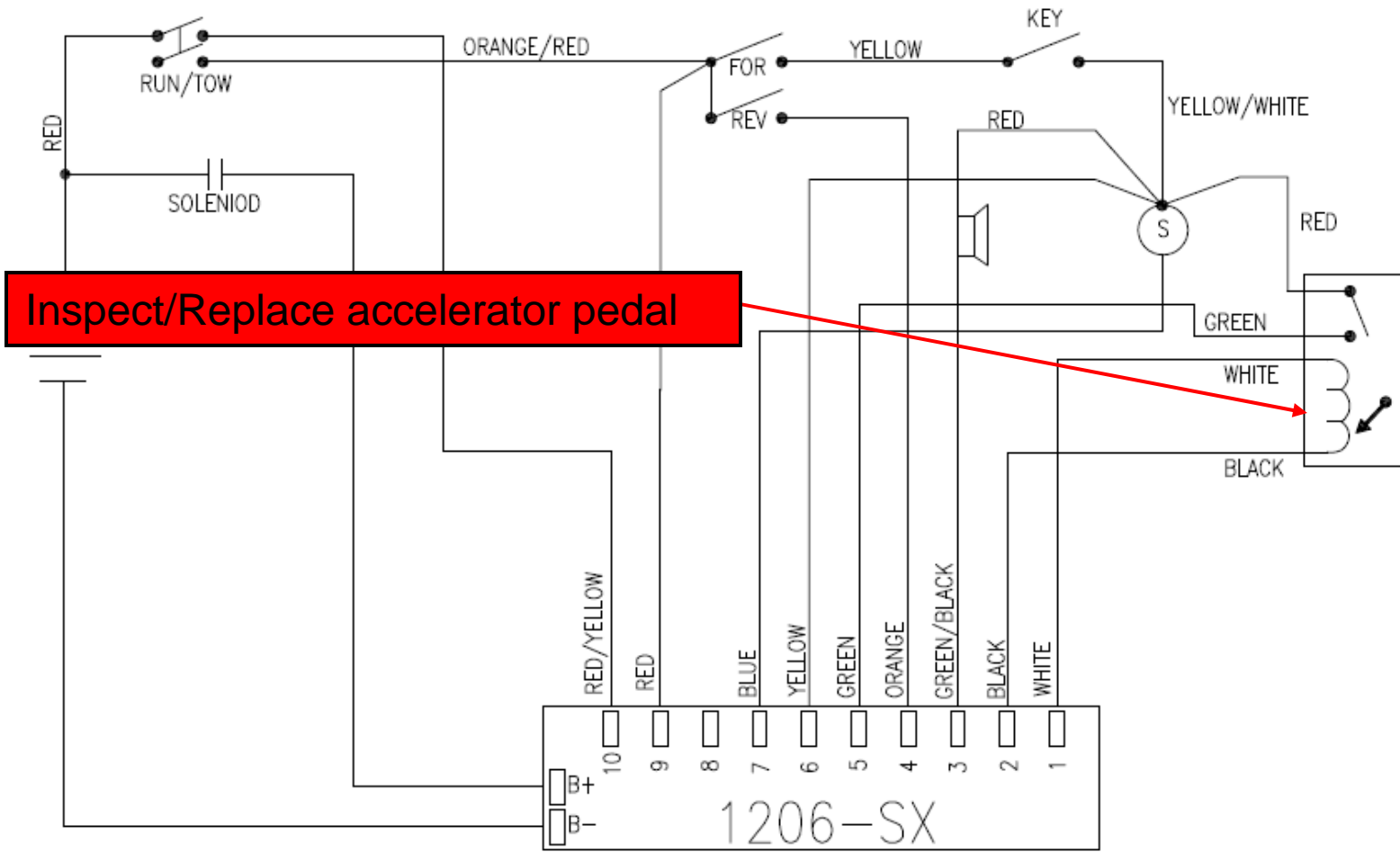


Measure the voltage of the White Wire, Pin 1. This point should vary from .4V - 1.6V with the accelerator pedal.

Pin 1 does vary between .4V – 1.6V when moving the accelerator pedal.

Pin 1 does not vary between .4V - 1.6V when moving the accelerator pedal.





End



Back



Swap positions of the F1 and F2 cables on your controller, this will correct travelling in the wrong direction.



End

