



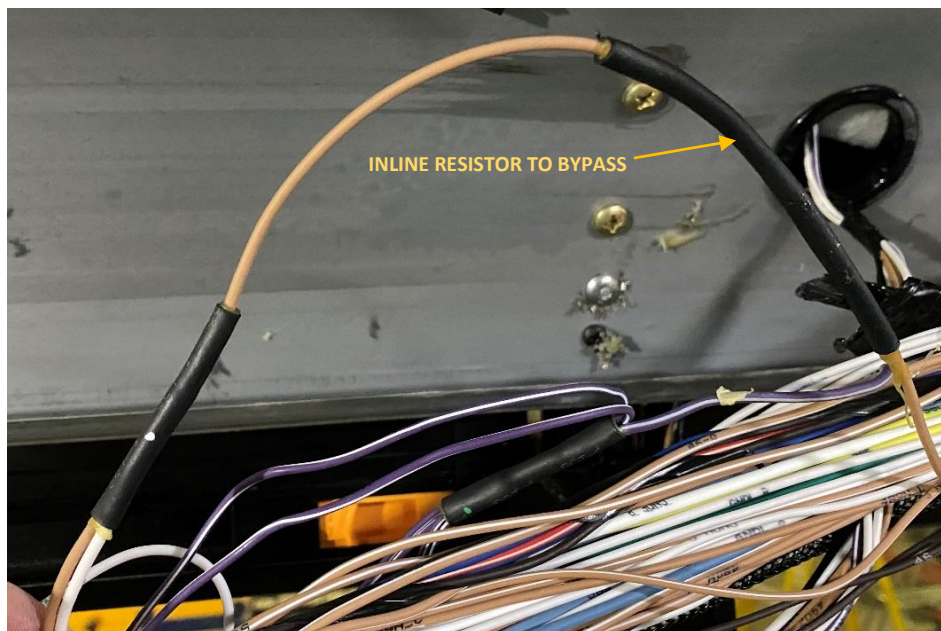
TBB C2 RESISTOR BYPASS, FISA INSTALLATION

Some late model C2 versions of the Thomas Built Bus are known to have a resistor installed in the stop arm signal wire. This resistor drops the voltage in the signal wire below the required 8 Vdc. If you have installed our stop arm and it is not deploying when activated, then please refer to this instruction.

Please note that while the resistor is known to exist on the C2 model, there may be other Thomas Built Bus models that also have it. The voltage on the stop arm signal wire may be tested to determine if it is supplying the minimum 8 Vdc.

INSTRUCTIONS

1. Enter the school bus and remove the trim panel above the 1st and 2nd window immediately behind the driver's seat.
2. Look for a brown wire that has the marking 489A. Follow this wire to locate the heat shrink that is protecting the resistors. There should be one resistor that includes a junction with a white ground wire and another that is inline (see below).

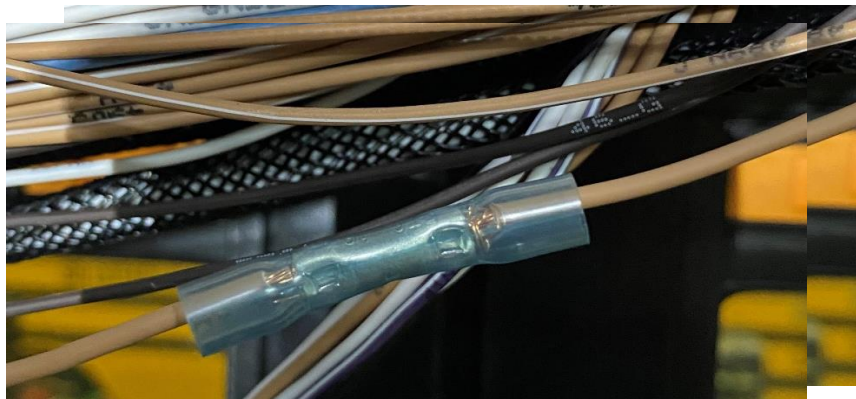




3. Cut the inline fuse from the wire to remove it. It should appear as below once removed.



4. Reconnect the cut wire using your preferred method.



5. The stop arm should now receive the correct voltage. Test the stop arm. Secure the wiring harness and replace the trim panel.