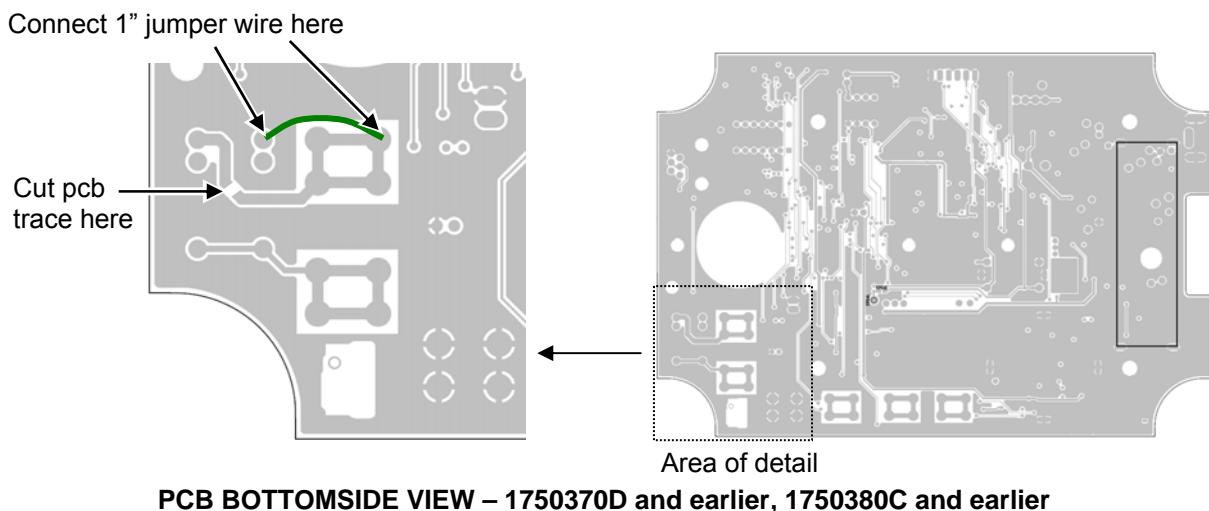
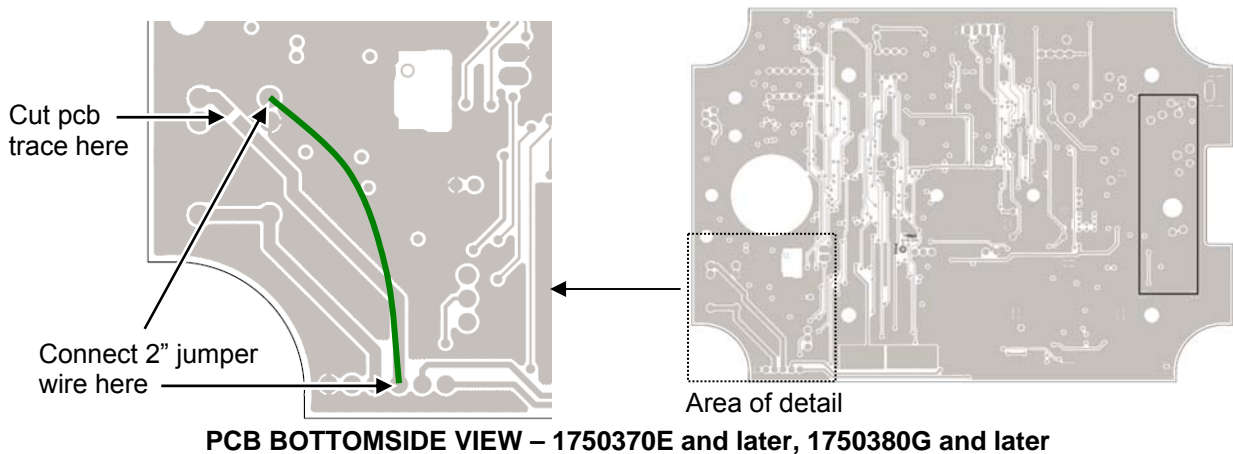


RQX 6-Series and 7-Series Callbox Modification for Normally Closed Relay Switch

Ritron 6-Series and 7-Series callboxes are equipped with a 1-Amp relay switch for remote control applications. The relay is configured from the factory to provide a normally-open switch contact when in a standby condition, with the relay switch closing only when the programmed conditions are met. Refer to your RQX Owner's Manual for information about programming the RQX for switch operation.

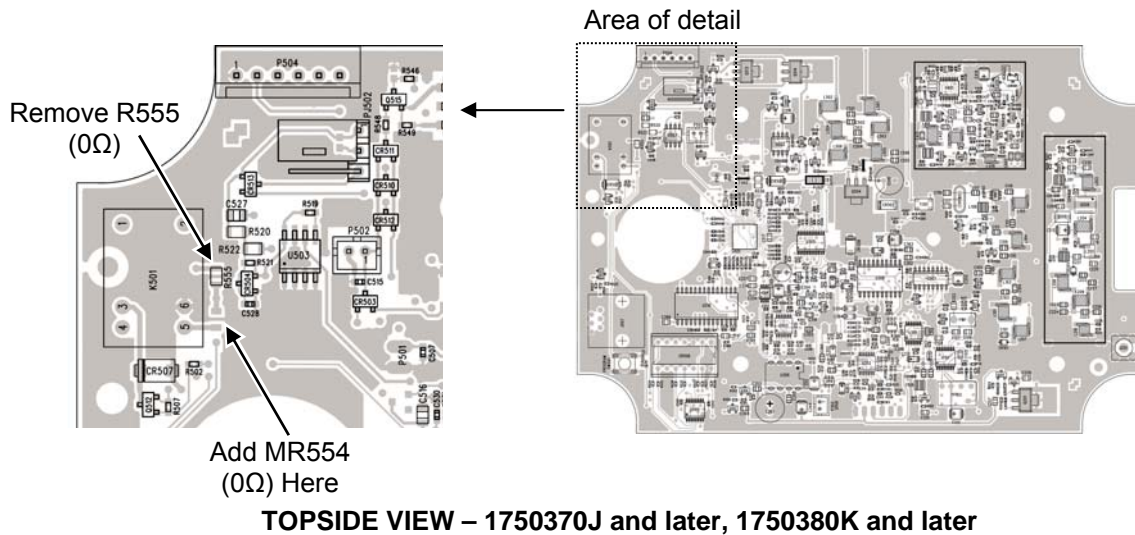
The callbox can be modified per the following instructions to reverse the relay switch operation. The RQX will now provide a normally-closed switch contact, with the relay switch opening only when the programmed conditions are met.

1. Carefully remove the PCB assembly per the instructions in the RQX Maintenance and Repair Manual (RQX-MRM-e).
2. Identify the PCB revision and refer to the correct illustration below.
3. Cut the PCB trace as indicated below to disconnect the normally open relay contact.
4. Solder a 2" length of #24 AWG stranded wire as indicated below to connect the normally closed relay contact. Note: Older PCB revisions require a 1" length of wire.
5. Reassembly the unit per the RQX Maintenance and Repair Manual (RQX-MRM-e).



UPDATE - INSTRUCTIONS FOR PCB 1750370J and later, 1750380K and later

RQX PCB revisions 1750370J or 1750380K and later provide the ability to be switched from the standard normally-open switch contact to a normally-closed switch contact by moving R555 (0 Ω) from one set of PCB solder pads to another as shown below.



As an alternative, you can employ the cut and wire modification on the PCB bottomside as shown below.

