

ALLSTAR TECHNICAL NOTE**Product: Challenger S (AC9300) and Challenger GL (AC9500)****Subject: Operator Does Not Run Using Radio Control**

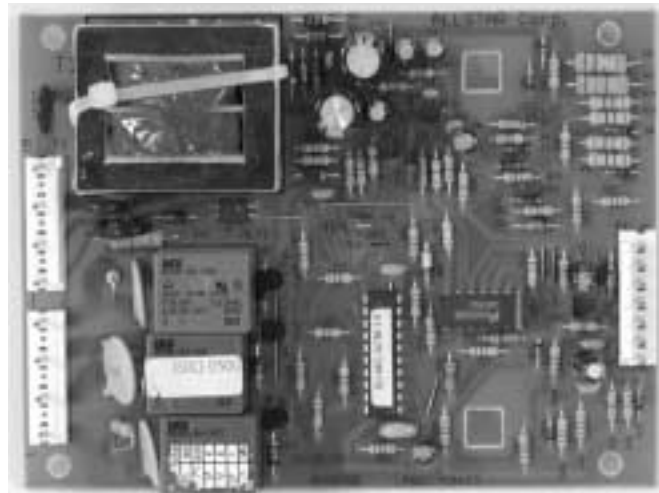
This is an update to ATN 1-002. We have had some reports from customers that sometime after installation, the Challenger Operator stops working from the radio controls however continues to work properly from the wall button. Only a small number of operators have exhibited this problem. A picture of the subject control board is below.

After our initial tests and findings, additional tests showed we could protect the control board from electrical noise entering the pushbutton circuit by adding a ground wire from terminal #1, on the six position terminal strip located on the back of the operator, to the ground screw. The following page shows the location of this ground wire and describes the procedure for installing the ground wire.

NOTE: If the radio input is not working the control board must be replaced. The ground wire only protects a working control board. It will not fix a damaged control board.

Beginning immediately, all new production will have the ground wire installed. We will continue to install the upgraded component in all replacement boards and warranty repairs, and provide the ground wire for field installation.

NOTE: Low voltage wires used for pushbuttons and photobeams should never be installed next to high-voltage wires. Typically they should be routed 8-12 inches from any high-voltage wires. Other regulations may apply. Always check local building codes for current requirements.



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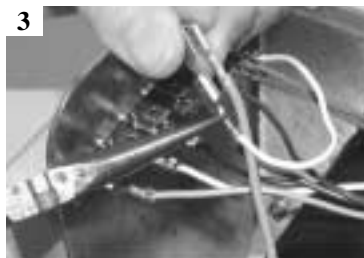
1: The green jumper/grounding wire pictured below will be installed from terminal #1 on the six position terminal strip on the back of the operator to the ground screw.



2: First remove one of the white wires connected to terminal #1 as shown in the picture below. Using needle-nose pliers pull on the 1/4 connector, not on the wire.



3: Next, connect the white wire to the double connector on the green ground/jumper wire as shown below.



4: Using the needle-nose pliers reconnect to terminal #1. Note the position of the terminal in the next picture. If reversed from shown, the screw in the terminal strip will

push the connector off of the male tab when it is all the way screwed-in.



5: Locate the green ground screw and loosen using a flat tip screw driver or 1/4 inch socket. Place the fork on the green ground/jumper wire under the ground screw and tighten.

