

Replacement Wire Harness Instructions

Your replacement wire harness comes with a new rubber grommet. This grommet protects the casing of the wire from rubbing against the metal walls of the winger and should be installed when replacing the wire harness.

Installation:

1. Remove the old wire harness from the launcher.
2. Where the grommet enters the frame of the winger check the hole diameter to ensure it measures 3/8". If your winger is an older model this hole may be smaller. Open to 3/8" if so.
3. Slide the grommet up the wire to within 5 inches of the plug.
4. Straighten the wire by stretching or running it over the edge of a table to work the kinks out. A straight wire will make the next step much easier.
5. From the top end of the winger, insert the wire into the hole, angle it downward and feed the new wire down thru the frame using a back and forth fishing motion. If you encounter a screw or bolt pull the wire back an inch or 2 and continue to fish it until it slides by the obstruction. Run the wire out the bottom of the frame (*If you have a problem using this method than run a fishing line first, connect the wire to the fishing line and PULL the wire through*).
6. With the end of the wire protruding out the bottom of the frame bend the excess 180 degrees around and slide the wire back up the frame to the 3/8" hole located just underneath the release mechanism. Once the wire is thru the hole strip 1/4" casing off the 2 wires, crimp on the female quick connectors and connect to the male connectors of the servo.
NOTE: Before proceeding further, test the winger to ensure the polarity of the servo is set properly. If upon hitting the launch button the trigger looks like it is closing instead of opening the polarity needs to be reversed. Reverse the polarity by switching the quick connectors. The trigger should now move to the left or "open" position.
7. Replace the release and shield.

