**CLAW WIRE INSTALLATION INSTRUCTIONS**

1. Remove the top piece of acrylic (this is the slotted piece sitting on top of the glass).
2. After the acrylic is removed - remove the screws that hold the graphic acrylic in place (this is the piece of acrylic behind the metal claw). This will slide down after the screws are taken out – and be easy to pull from the game.
3. Locate the 4 screws that are holding the 1/2” piece of acrylic with the claw assembly and begin to loosen these. WARNING – Ensure that all wires going to this assembly have been disconnected from the back of the game. After all screws are out – this piece should be able to be pulled out towards you. Be careful when removing this as to not scratch the mirrored acrylic on the left and right.
4. With this acrylic assembly on the ground or on your bench – begin to remove the older cable. You must first remove the center screw in the cable tray. I then suggest you cut the Molex off of the side that goes towards the machine and then pull through the cable try. You can remove the screws that hold the cable tray to the solenoid bracket and cut the zip ties in order to remove it. Disconnect the Molex from the LED light connectors and the solenoid connector.
5. Run the new cable (gray wire) through the cable tray. I suggest running it so the pinned end goes through first. Do not cut the Molex connectors off the end that are already attached. When it is through – connect the Molex to the LED light connectors and the solenoid connector and then re-attach the cable tray to the solenoid bracket with the screws you removed earlier. Ensure the cable tray is in the proper position and that it rolls back on itself properly. Zip tie the new cable to the end to reduce movement (do not over tighten the zip tie). If you removed the screw in the middle of the cable tray earlier – re-install it now. **Please note: When connecting the Solenoid and led lights with 2 pin Molex connectors take note of wire colors.** The solenoid connects to the Molex on the wire harness with the two red and one blue wire. The LED lights are connected to the remaining two connections(red/ blue wires and Green/ blue and 2 reds).
6. Now you must install the three pined wires into the Molex connector that came in the bag. You must install the wires so that they will match up with the other harness (the one received today) according to the following (Determine which version of the wire harness you have):

 **CABLE VERSION # 1**

* 1. #1 GREEN wire should connect to Black wire on game harness (12 VOLTS)
	2. #2 BLUE wire should connect o WHITE wire on game harness (SIGNAL)
	3. #3 RED wire should connect to RED wire on game harness (COMM)

 **CABLE VERSION # 2**

1. WHITE wire RED stripe should connect to RED wire on game harness (12 VOLTS)
2. WHITE wire WHITE stripe should connect o WHITE wire on game harness (SIGNAL)
3. WHITE wire BLACK stripe should connect to BLACK wire on game harness (COMM)

 **CABLE VERSION # 3**

* 1. #1 Wire should connect to RED wire on game harness (12 VOLTS)
	2. #2 Wire should connect o WHITE wire on game harness (SIGNAL)
	3. #3 Wire should connect to BLACK wire on game harness (COMM)
1. After these wires have been inserted into the Molex connector and then connected to the other cable – please connect the 4 pin motor Molex and both 3 pin limit sensor Molex connectors. The longer one that runs to the right side should be installed under the metal bracket that the cable tray sits on. I suggest you lightly zip tie this harness under this bracket so that it sits out of the way when you re-install the assembly. There are several small holes in this metal bracket where a small zip ties can loop trough to hold this wire up and out of the way.
2. You then will want to zip tie the remaining wires out of the way so that they do not interfere with the claw’s motion. NOTE: The end of the claw harness can be zip tied – but ensure that there is freedom inside the cable tray so that it can move when moving back and forth. If you zip ties it too tight – the cable WILL snap when the cable moves back and forth.
3. After all the wires are installed and zip tied – re-install the assembly back into the machine. Again – take care not to scratch the side mirrors when re—installing. Use the four screws to secure the assembly back into the game. Ensure that the wires are not pinched anywhere before proceeding.
4. Connect the harness to the 12 pin connector located near the PC.
5. Re-install the graphic acrylic to the acrylic assembly behind the metal claw.
6. Re-install the slotted acrylic panel on top of the cabinet glass.

**CALL THE JET GAMES SERVICE DEPARTMENT WITH ANY QUESTIONS**

**386-255-1599**