

Introduction

This guide will take you through the steps necessary to convert a standard 9-Pin bill validator harness to work with the “Valley” firmware (1.0.0.3)

Parts Required:

- 9-Pin Harness
- Wire Cutter
- Crimp Tool
- Male/Female Pins
- Pin Punch Tool

Game Applications:

Valley Electronic Pool Table, Shelti
Electronic Pool Table



Pre-Installation Requirements

Before beginning the installation, ensure that the following requirements are met:

AC Location Activation

The game machine asset and MobileMech device must be assigned to an available location name under your organization in the Amusement Connect Operator Dashboard. Complete the [Location Setup Request Form](#) if a new location needs to be created.

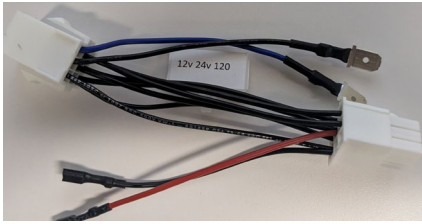
Game Machine Asset Setup

To properly function after installation, the powered MobileMech device must be assigned to an active Game Machine Asset within the Operator Dashboard. To create a new Game Machine Asset, follow the Quick Start Guide process.

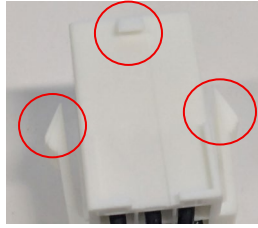
Connectivity

Wi-Fi configuration requires access to the router SSID and password. A 2.4 GHZ network is required to connect the MobileMech device to Wi-Fi.

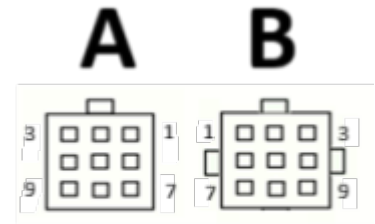
Conversion Steps



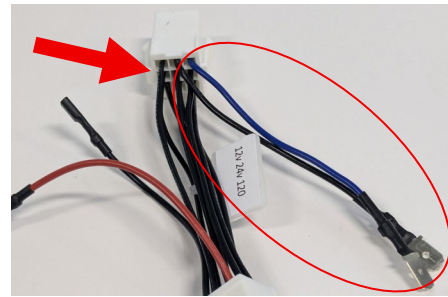
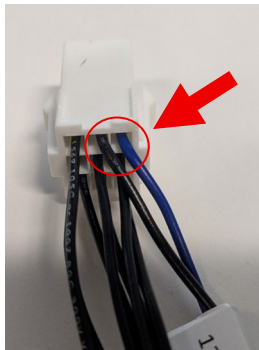
1) Start with one 9-Pin harness.



2) Begin with end **B**
This can be identified by the three tabs.
(B HAS THREE TABS)
Make sure this tab is facing down.



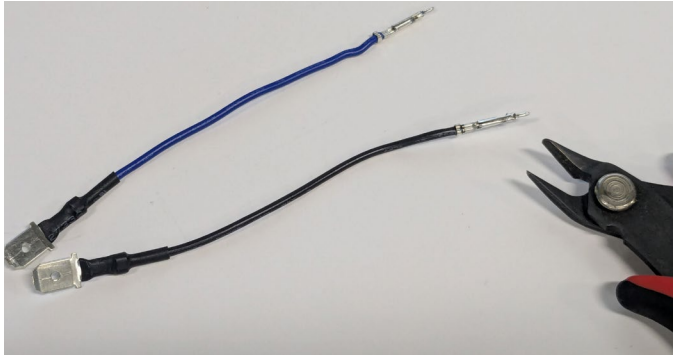
Insertion End



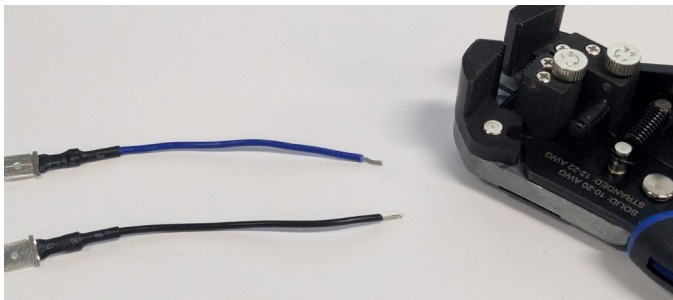
3) When we turn the molex connector over with the tab facing down, we will see this. Notice these two wires. We will need to unpin and remove these wires.



4) Using the unpin tool, carefully remove the two wires from the Molex connector.



5) With both wires unpinned, grab your wire cutters and remove the ends.



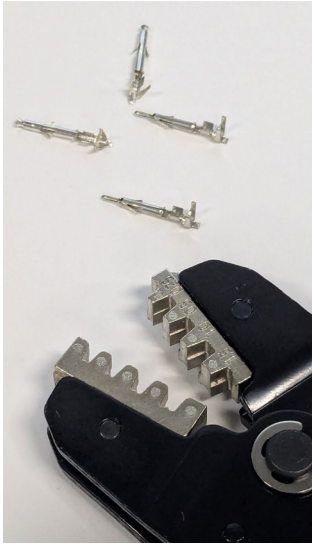
6) Using wire stripper, strip the ends of the wires.



7) Use **BLACK** wire. Cut two lengths. Both wires will be four inches



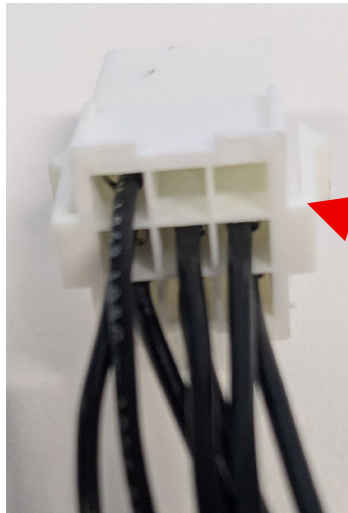
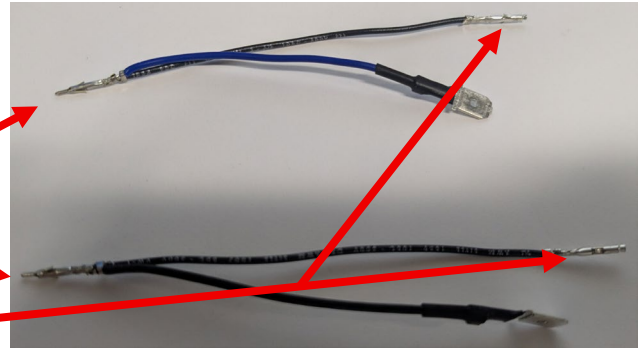
8) Using the wire strippers, strip both ends of the two wires.



9) Next, we will need our male and female pins as well as our crimp tool. Crimp the ends on to each wire.

MALE

FEMALE

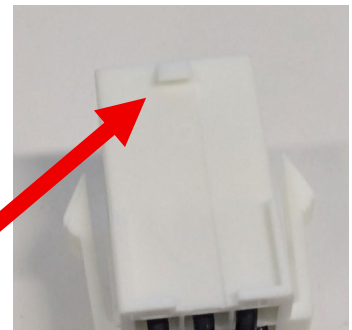


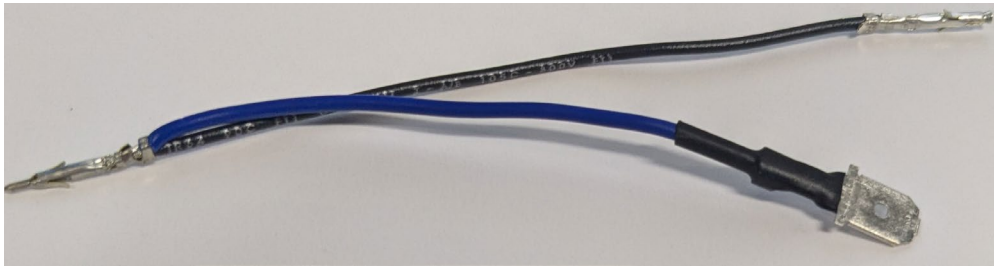
10) Next, look at end **B**
(THREE TABS)

The tab should be facing down.

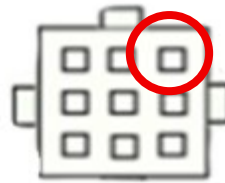
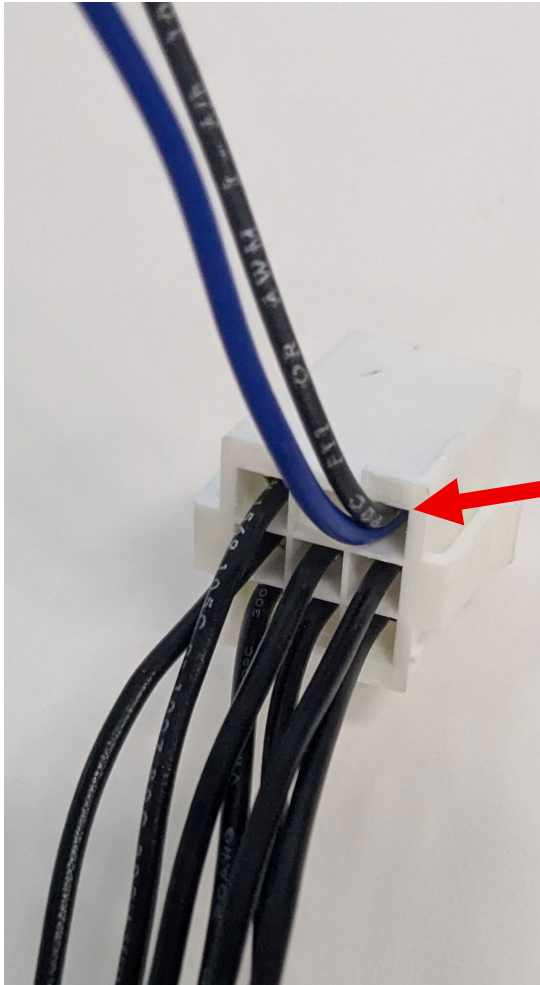
Your Molex connector should look like this.

Make sure this tab is facing down.

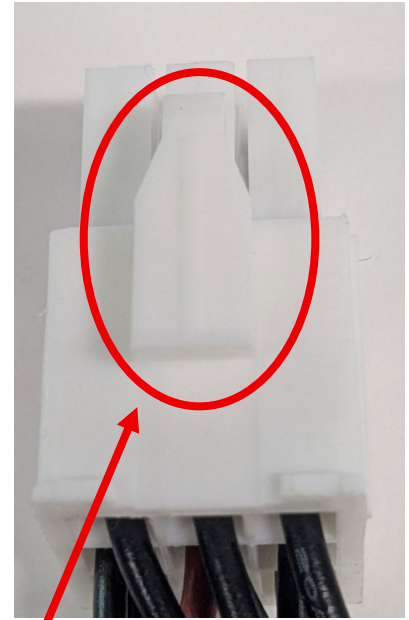
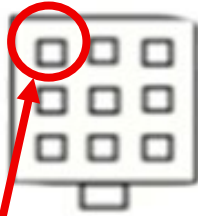
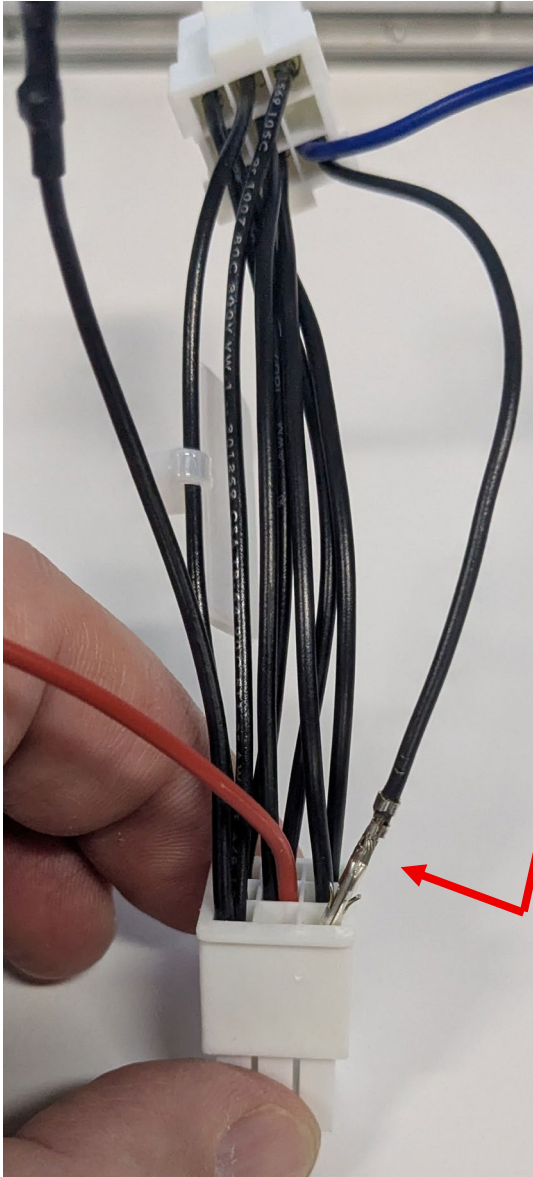




11) Use the
BLUE/BLACK pair.

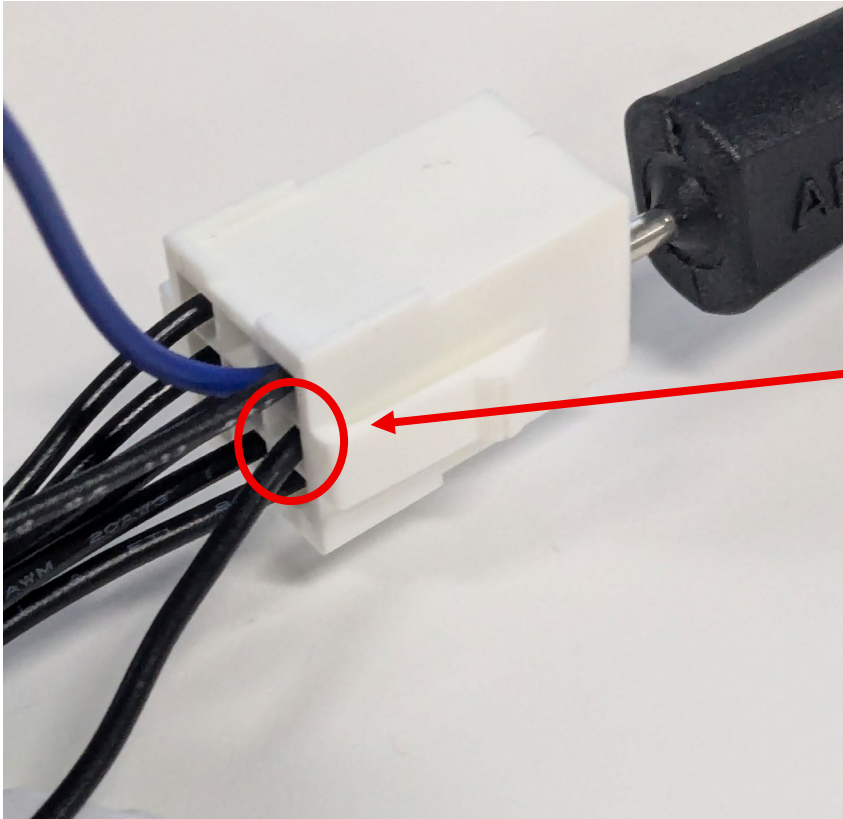


12) Insert the MALE end of
the **BLUE/BLACK** pair into
slot 7.
If holding the connector tab
down, this will be the slot in
the upper right corner.

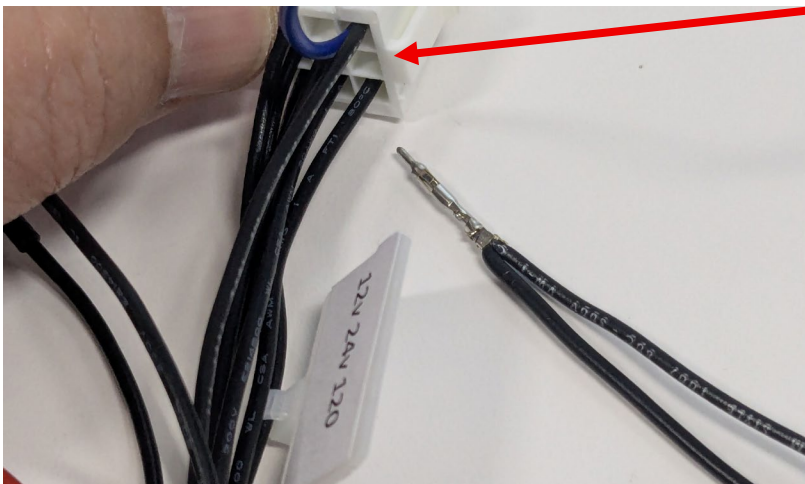
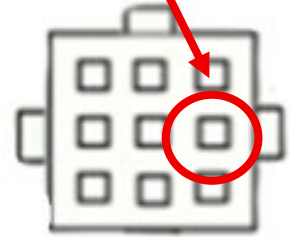


This tab should be face down

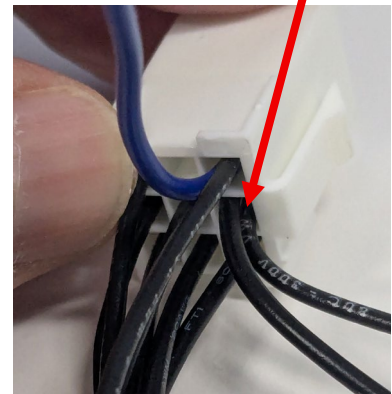
13) Locate end **A (One Tab)**
Insert the female end of the **BLACK**
wire into slot 7. This is the corner slot.

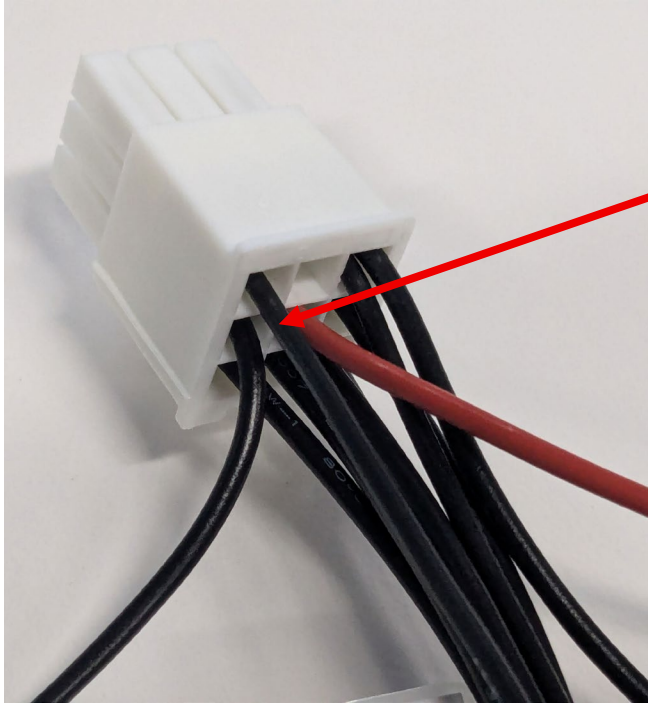


14) Looking at End B. Unpin 4



15) Insert **BLACK** male end into slot 4.





16) Locate End A (**ONE TAB**)

Insert the **BLACK** female end into slot 4.

