



2024

# MobileMech

## INSTALLATION AND USER INSTRUCTIONS



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For Assistance Call (833) 727-2233 x2

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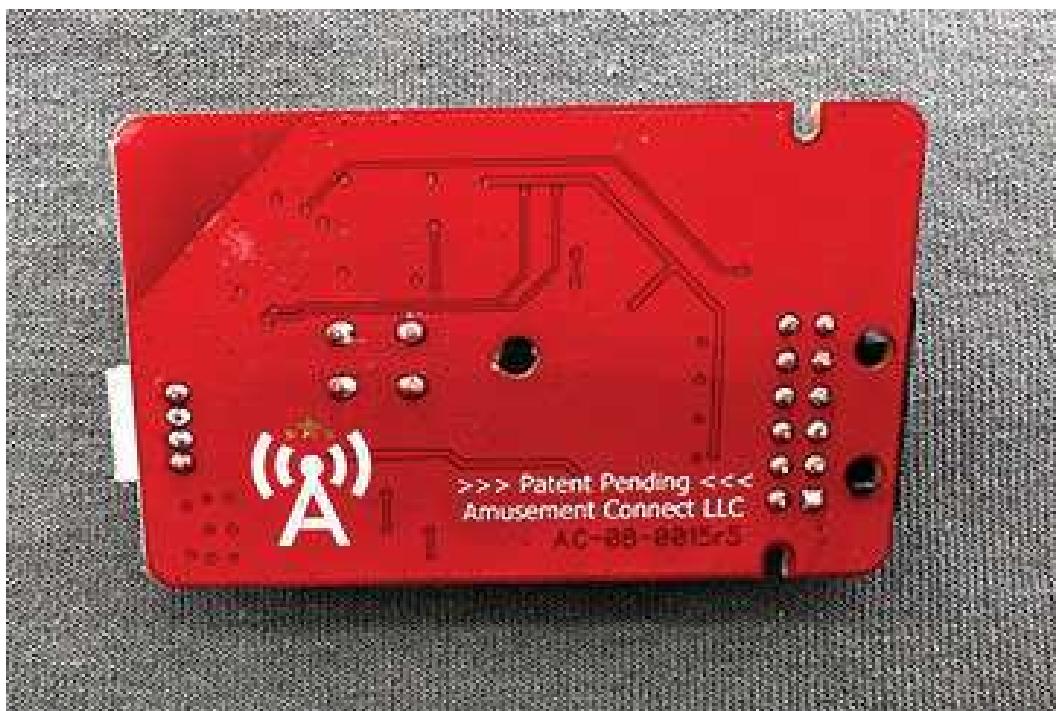
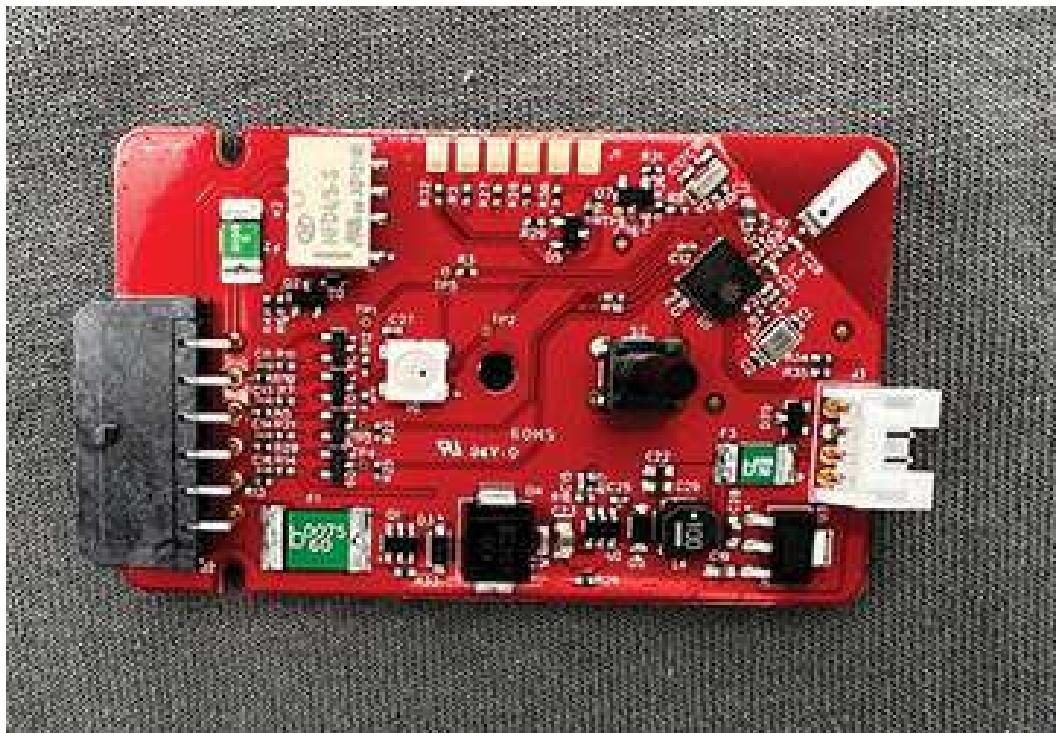
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## PARTS LIST

1. Motherboard
2. Shell Case
3. Base Wiring Harness
4. 9-Pin Bill Validator Harness
5. Spike Harness - Alternative 12V Source
6. 12V Power Supply Install - Alternative 12V Source
7. 3 Pin BV Harness - Alternative BV (Optional)
8. SliderMech 2 Wiring Harness for Pool Table

# PARTS LIST

## 1. Motherboard



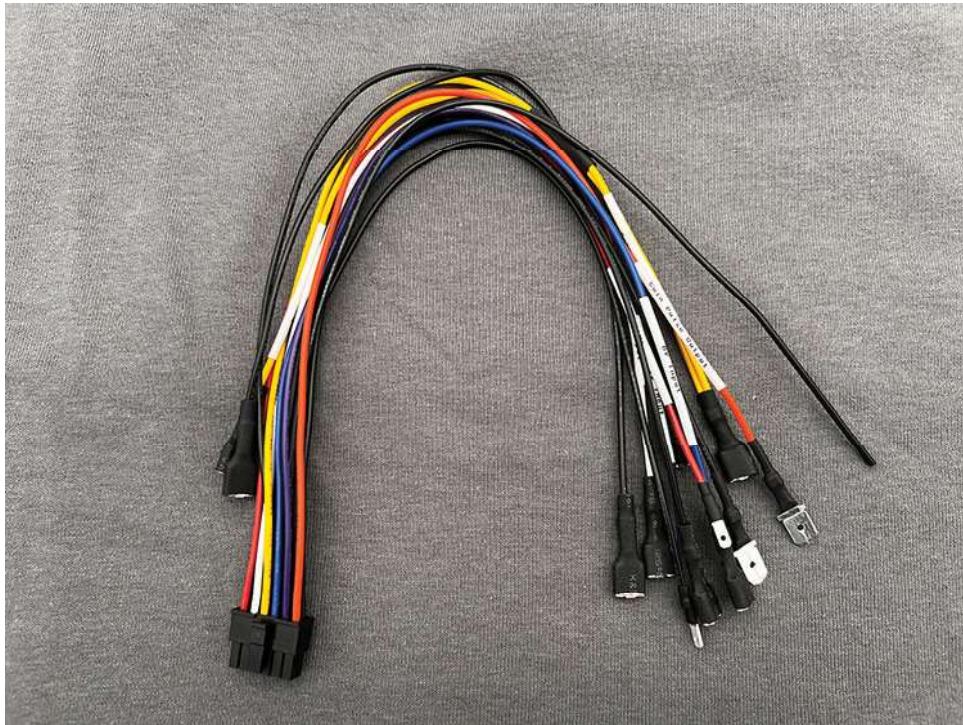
## PARTS LIST

### 2. Shell Case

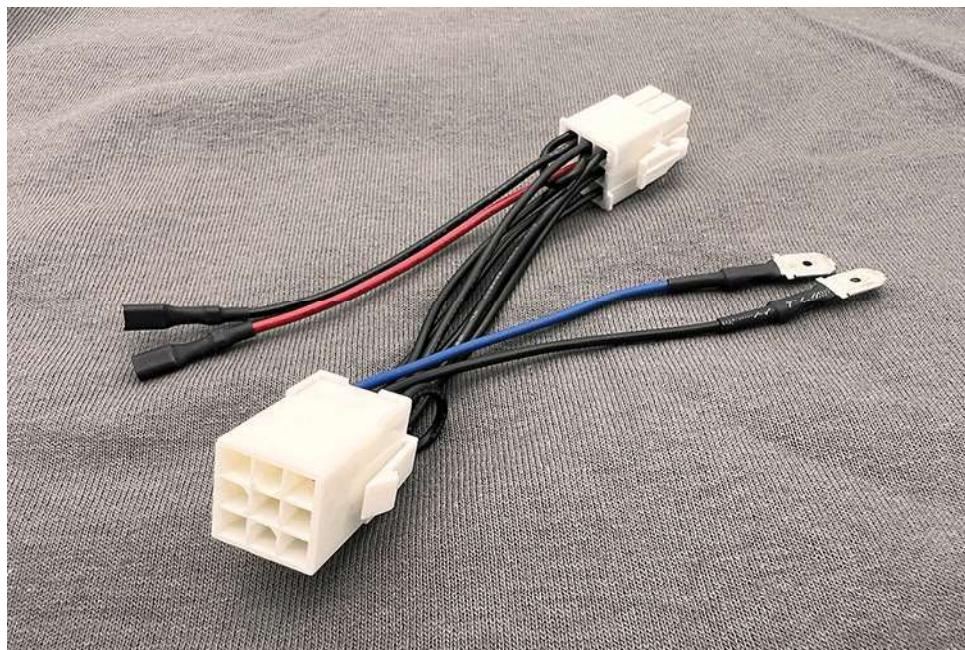


## PARTS LIST

### 3. Base Wiring Harness

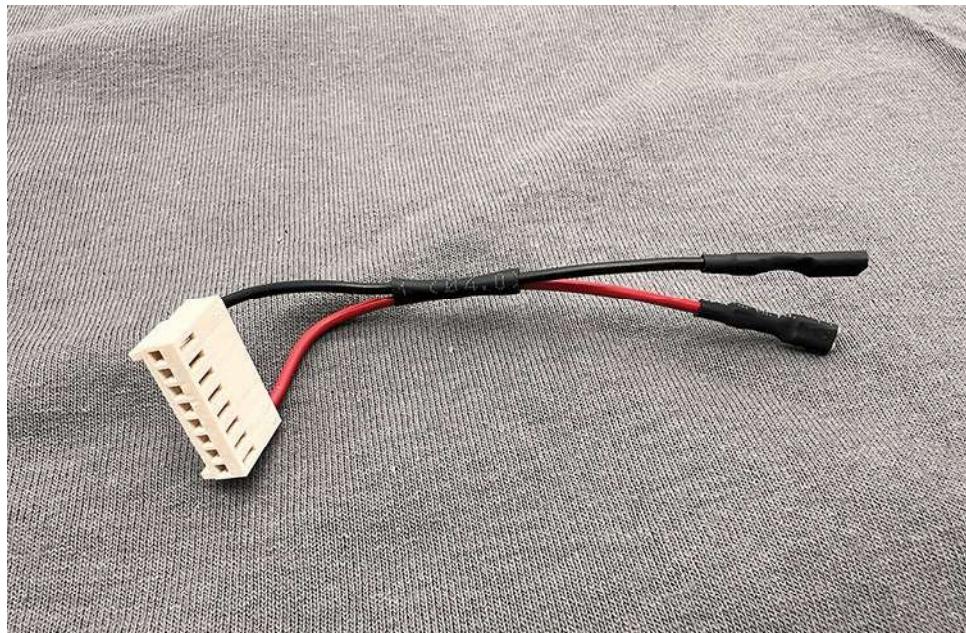


### 4. 9-Pin Bill Validator Harness



## PARTS LIST

### 5. Spike Harness - Alternative 12V Source for Pinball (Optional)

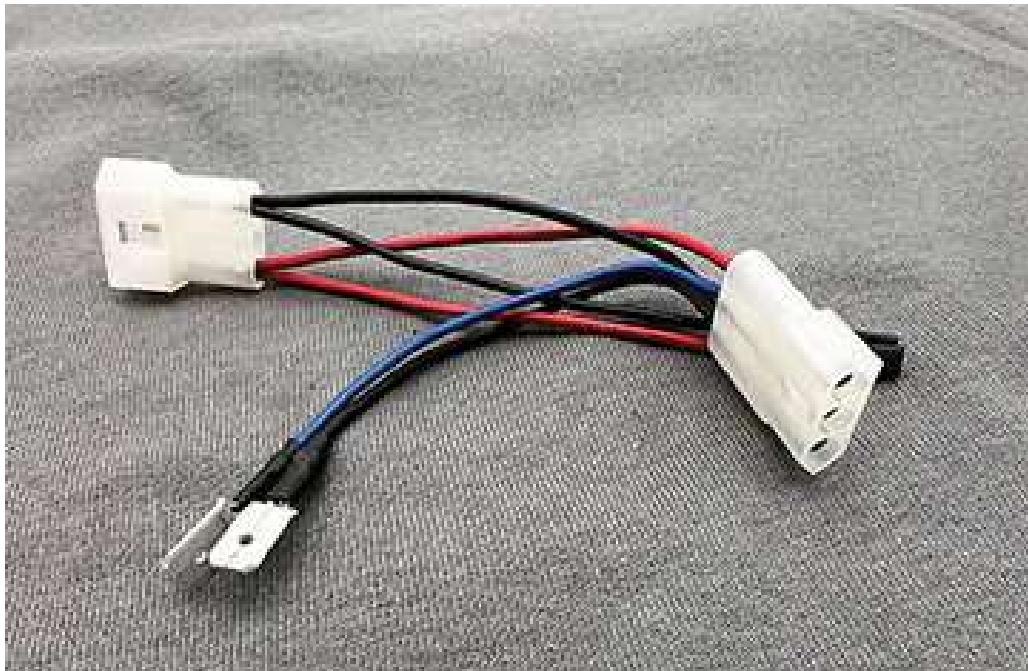


### 6. 12V Harness - Alternative 12V Source (Optional)

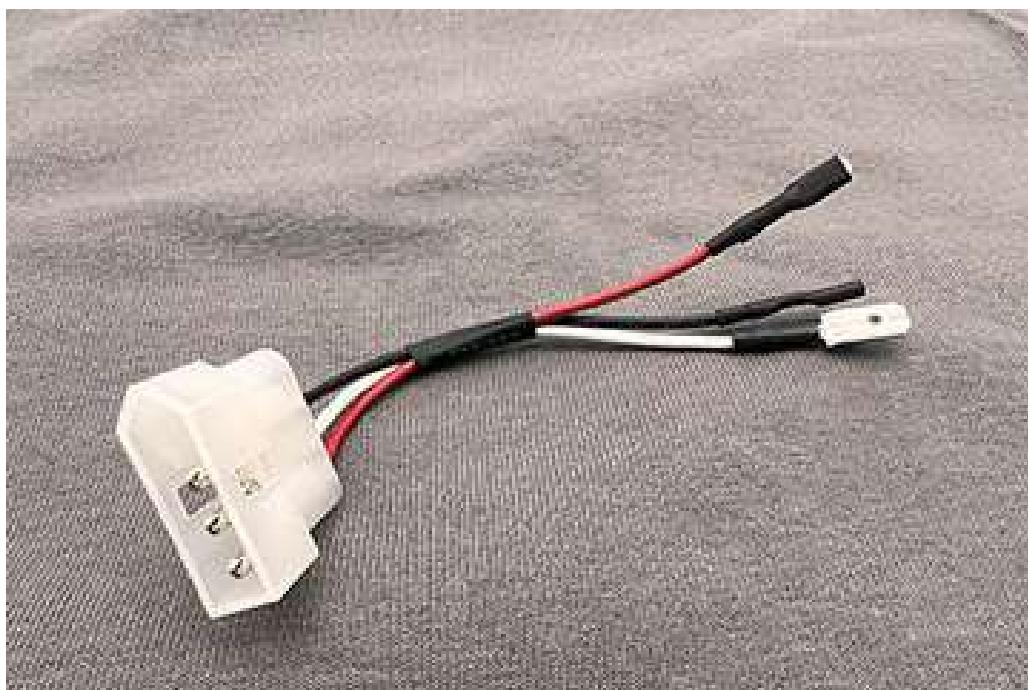


## PARTS LIST

### 7. 3 Pin BV Harness - Alternative BV harness for Raw Thrills Games (Optional)



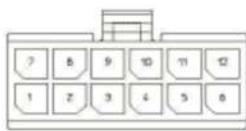
### 8. SliderMech 2 Harness (Optional)



# SPECS

## BASE WIRING HARNESS

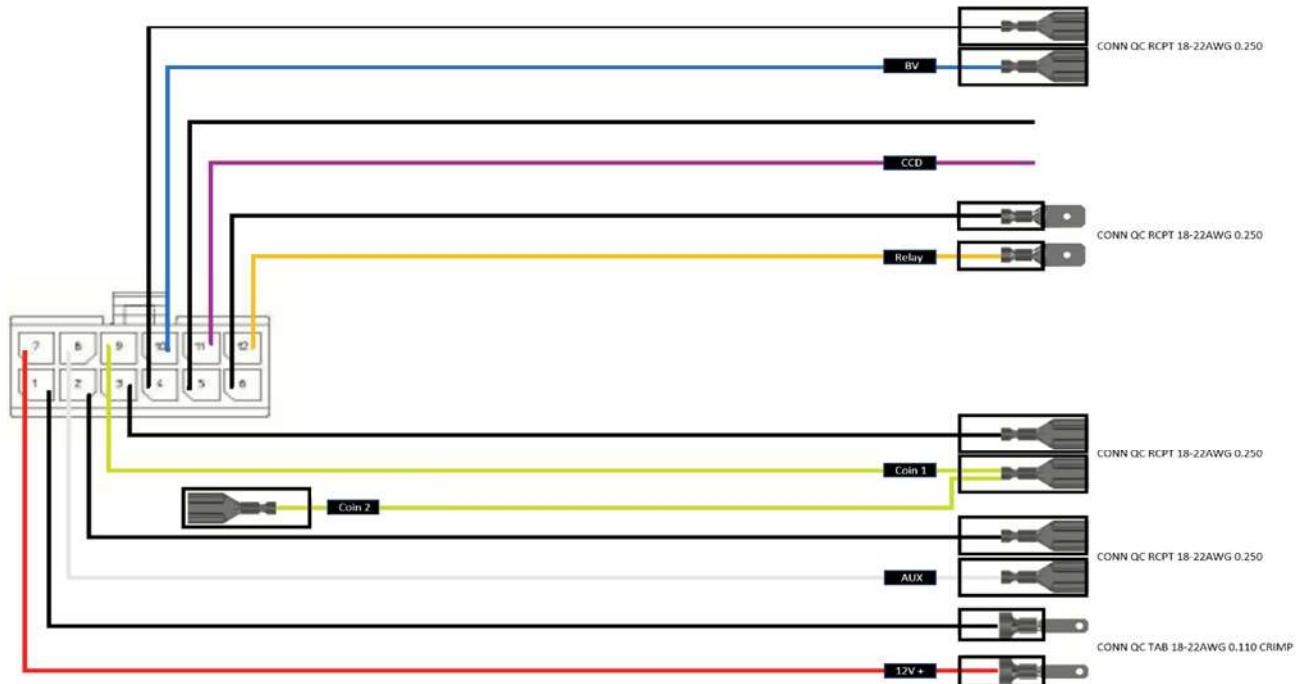
Pin Out



Pin	Function	Wire Color
1	GND	Black
2	GND	Black
3	GND	Black
4	GND	Black
5	GND	Black
6	Relay Common	Black

Pin	Function	Wire Color
7	+12V	Red
8	AUX	White
9	COIN 1	Yellow
10	BV	Blue
11	CCD	Purple
12	RELAY	Org / Wht

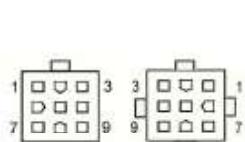
Wire Gauge to be 20 AWG Stranded Copper Wire



## SPECS

## 9-PIN BV WIRING HARNESS

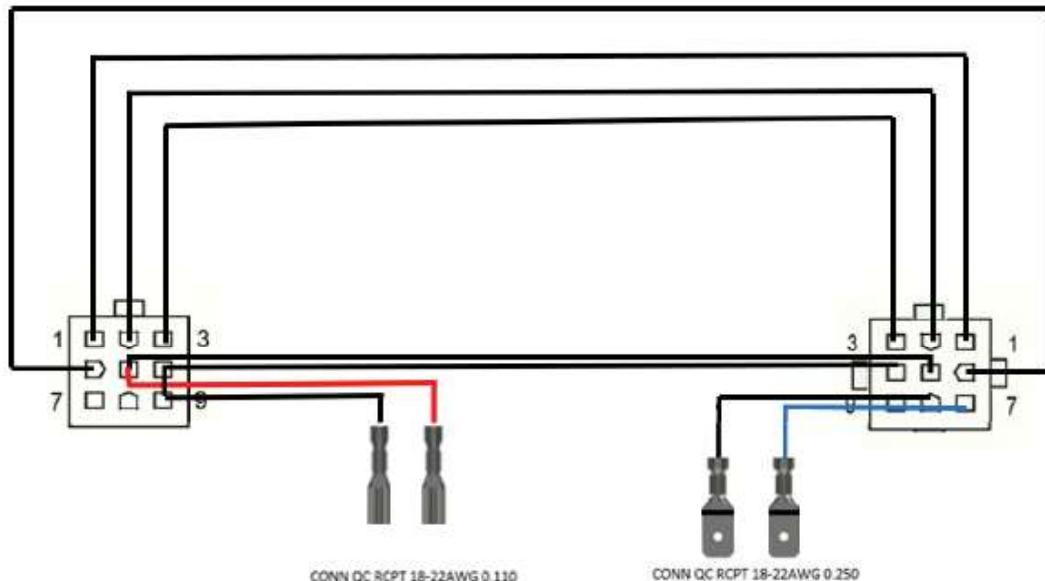
### Pin Out



Pin	Function	Wire Color
1	Pass Thru	Black
2	Pass Thru	Black
3	Pass Thru	Black
4	Pass Thru	Black
5	12V Hot	Black/Red
6	12V Neutral	BLK/BLK
7	Coin	Blue
8	Coin Common	Black
9	12V Neutral	BLK/BLK

Note: Jumper between pin 6 and pin 9 on connector 172169-1

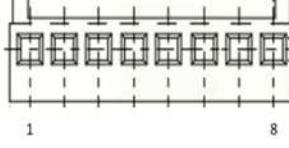
Wire Gauge to be 20 AWG Stranded Copper Wire



# SPECS

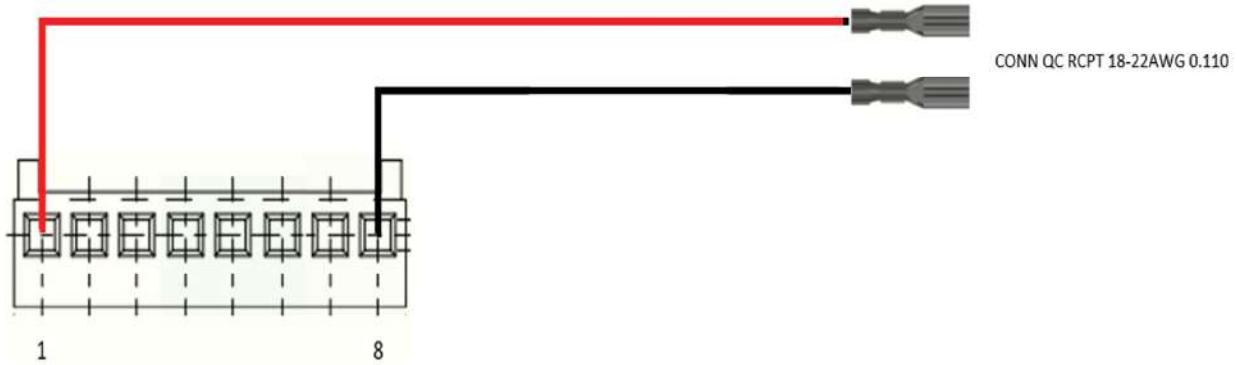
## SPIKE WIRING HARNESS

Pin Out



Pin	Function	Wire Color
1	12V Hot	Red
2		
3		
4		
5		
6		
7		
8	12V Common	Black

Wire Gauge to be 22 AWG Stranded Copper Wire



# SPECS

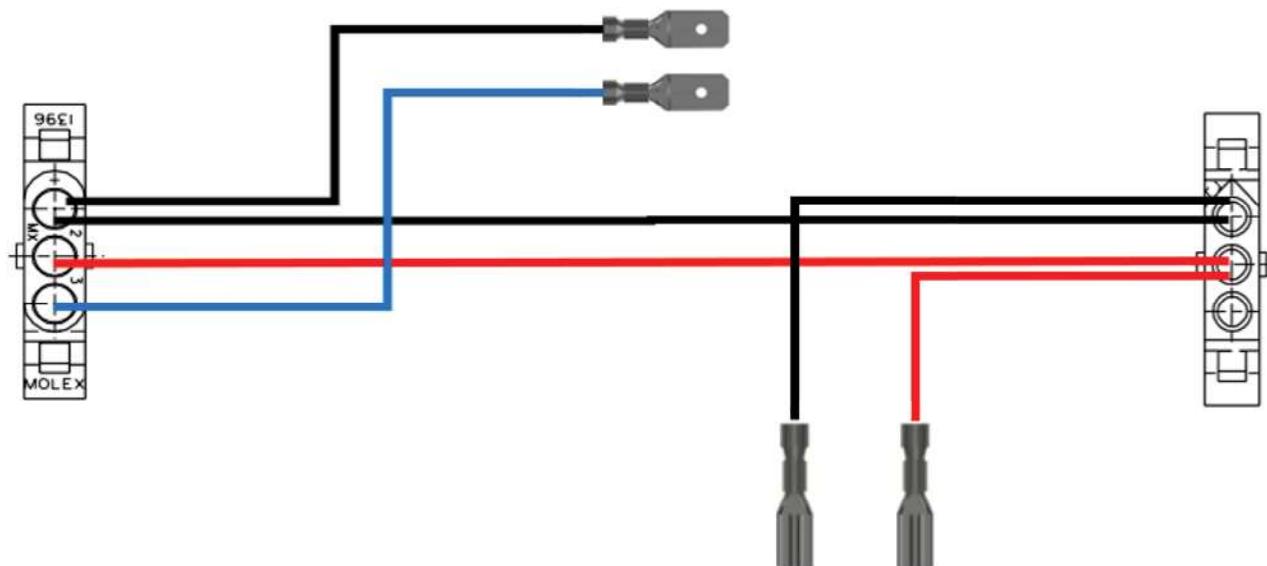
## 12V WIRING HARNESS



# SPECS

## 3-PIN BV WIRING HARNESS

Wire Gauge to be 20 AWG Stranded Copper Wire

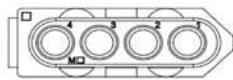


CONN QC RCPT 18-22AWG 0.110

# SPECS

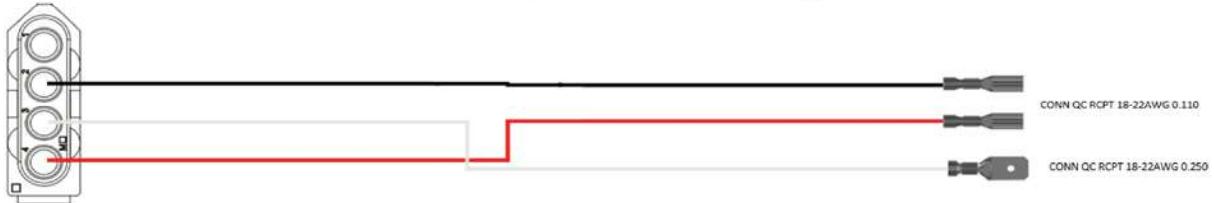
## SLIDERMECH 2 WIRING HARNESS

Pin Out



Pin	Function	Wire Color
1		
2	Ground	Black
3	Sensor Signal	White
4	+12V	Red

Wire Gauge to be 20 AWG Stranded Copper Wire

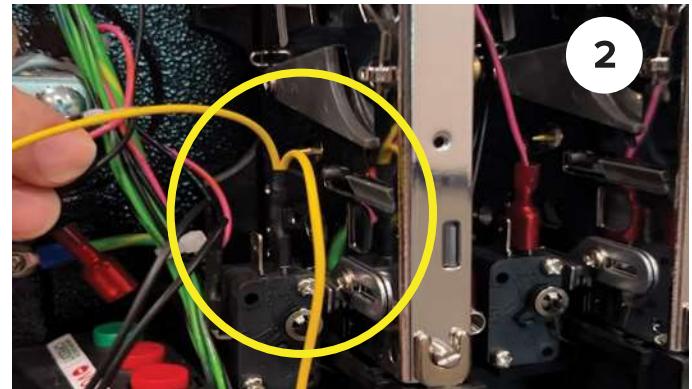
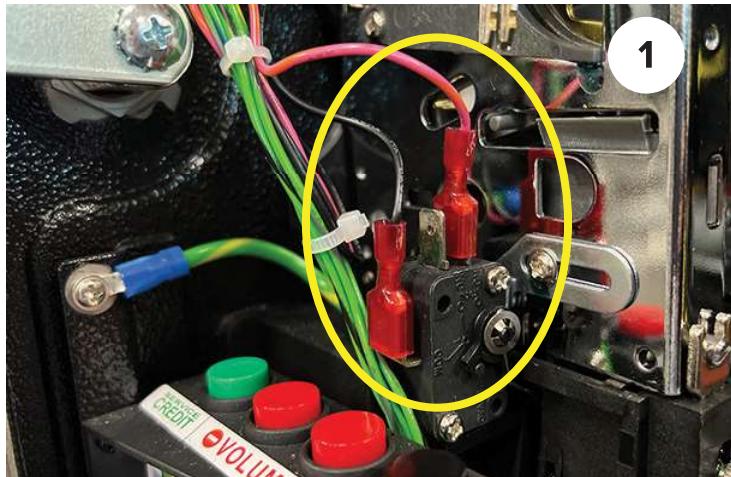


# INSTALLATION

## Base Wiring Harness Install - Coin Mechs (1 or 2 ct.)

1 - Locate the coin wires and disconnect from coin mechanism.

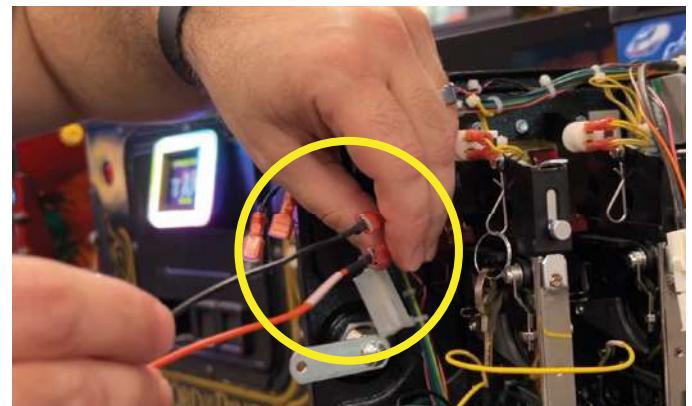
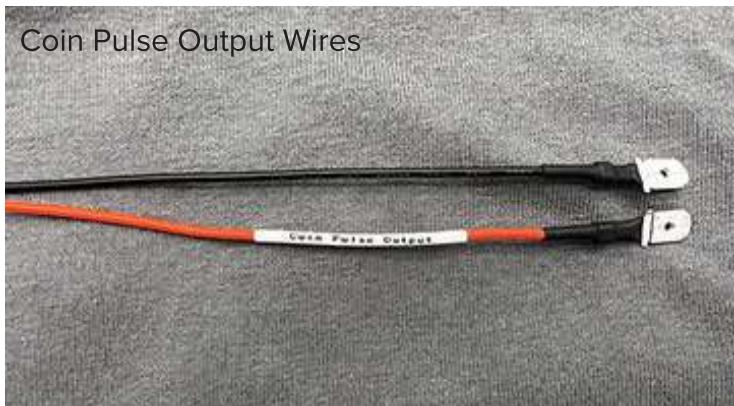
2 - Locate yellow/black coin 1 / 2 wire set on the Base MobileMech Harness and connect to the coin mechanism.



## Base Harness Install - Coin Pulse Output

1 - Locate the one pair of coin pulse wires going to the game, these were disconnected during the Base Harness Install - Coin 1 / 2 Input.

2 - Locate orange/black Coin Pulse Output wire pair on the Base MobileMech Harness and connect to the coin pulse wires going to the game.



## Base Harness Install - Bill Validator Input

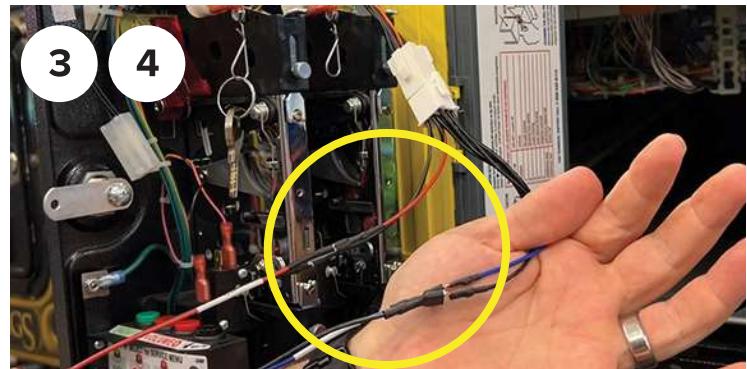
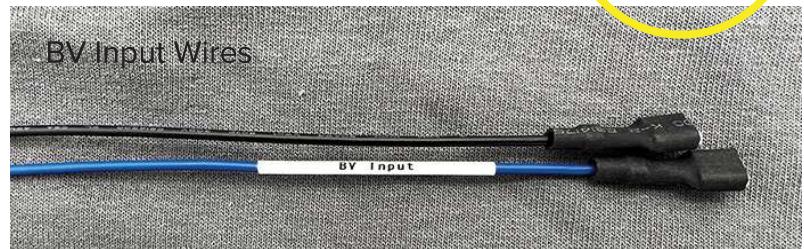
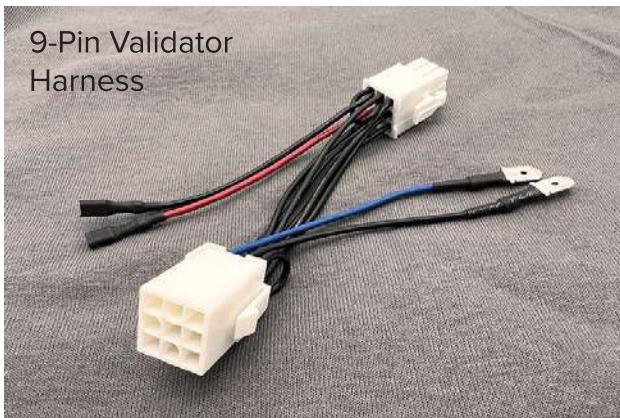
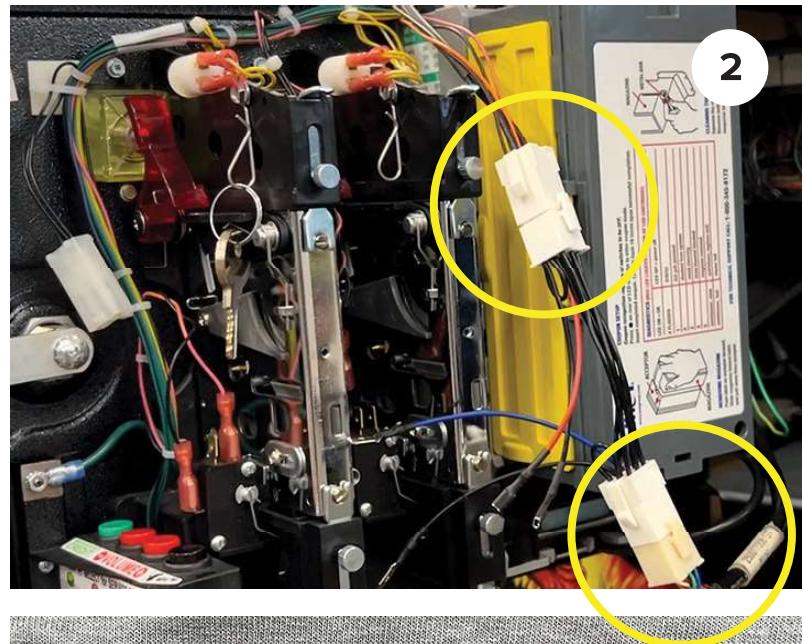
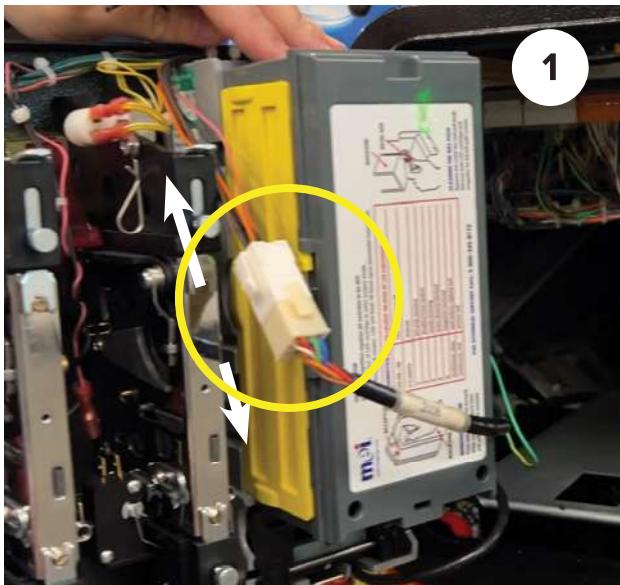
1- Locate the 9 pin bill validator wires and disconnect.

2 - Locate the 9-Pin BV Validator Harness. Connect both 9-Pins to the 9-pin connector coming from the game and to the BV.

3. Locate the blue/black BV Input wires on the Base MobileMech Harness and connect to the corresponding blue/blk wires on the 9-Pin BV Harness.

4. Locate the red/black 12Volt Power wires on the Base MobileMech Harness and connect to the corresponding red/black wires on the 9-Pin Harness.

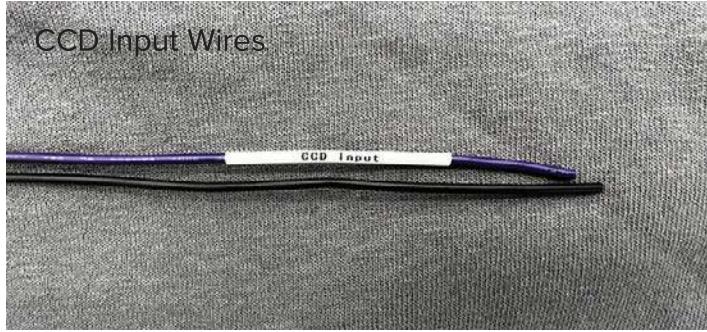
Note: If the BV is a 110V model then disconnect the 12V red/black wires from the BV harness. In this case the 12V can be connected using an add-on harness.



# INSTALLATION

## Base Harness Install - CCD Input (Credit Card)

- 1 - Locate the pulse wires and disconnect from the credit card device.
- 2 - Locate purple/black CCD Input wire pair on the base Mobile Mech harness and connect to the coin mechanism using wire nuts.
- 3 - Note: You will need to strip the purple/black wire pair and expose the wiring in order to connect.



## Base Harness Install

- 1 - After connecting all other harnesses, connect the MobileMech to the black 12-Pin connector on the harness. The Red LED light will turn on if connected correctly.
- 2 - Secure the Base Harness Wires and MobileMech. Tidy up wires, we suggest using zip ties.

