

POWER DISTRIBUTION UNIT REPLACEMENT

Novus B49 3.0

Version

1.0.2

Department

TEC-EL-04229

Creation date

2024-06-20

Audience

Field Service Technicians



Version History

Version	Department	Initials	Date	Comments
1.0.0	Field Service	BC	6/20/2024	First Draft
1.0.1	Field Service	BC	6/20/2024	Updated title, Version, address and Contents table
1.0.2	Field Service	BC	6/26/2024	Added service link

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1. Introduction

This document intends to guide a Bluberi field service technician or casino slot technician on how to install/replace a Novus B49 3.0 Power Distribution Unit (PDU).

2. Material Required

To replace a PDU, you will need a replacement PDU. The part number is 118151-1.

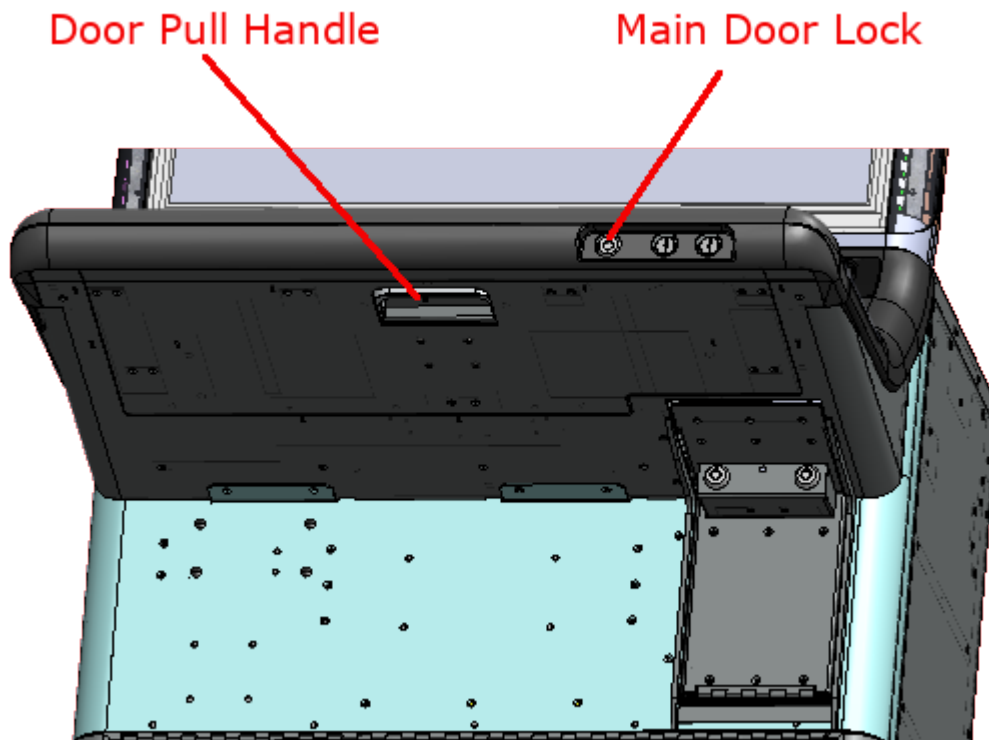
3. Tools Required

- 11/32 socket with a 6in extension connected to a ratchet or impact setup.

4. Removal

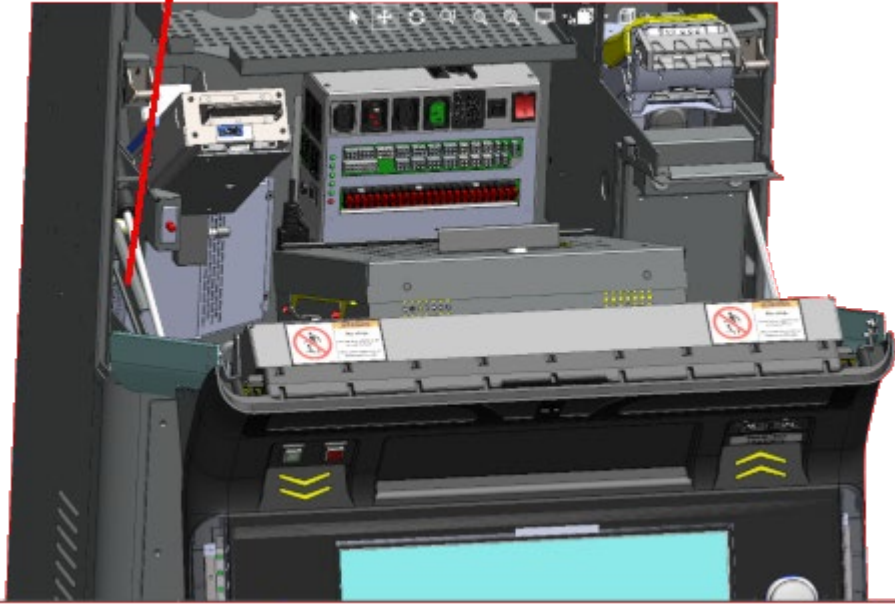
4.1. Open The Doors

- Turn the main door lock clockwise to unlock it.
- Once unlocked, pull on the main door handle to open it partially.



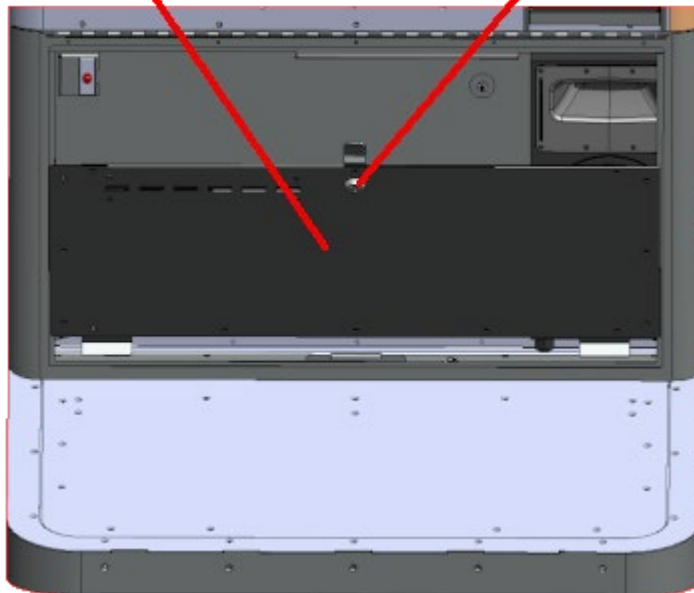
- To fully open the main door, push the door stop bracket inward towards the inside of the machine while lifting the door up a few inches. Once the bracket is pushed in, lower the main door completely.

Door Stop Bracket



- Next, Open the belly door by turning the lock and pulling outward. The door can be fully removed once open.

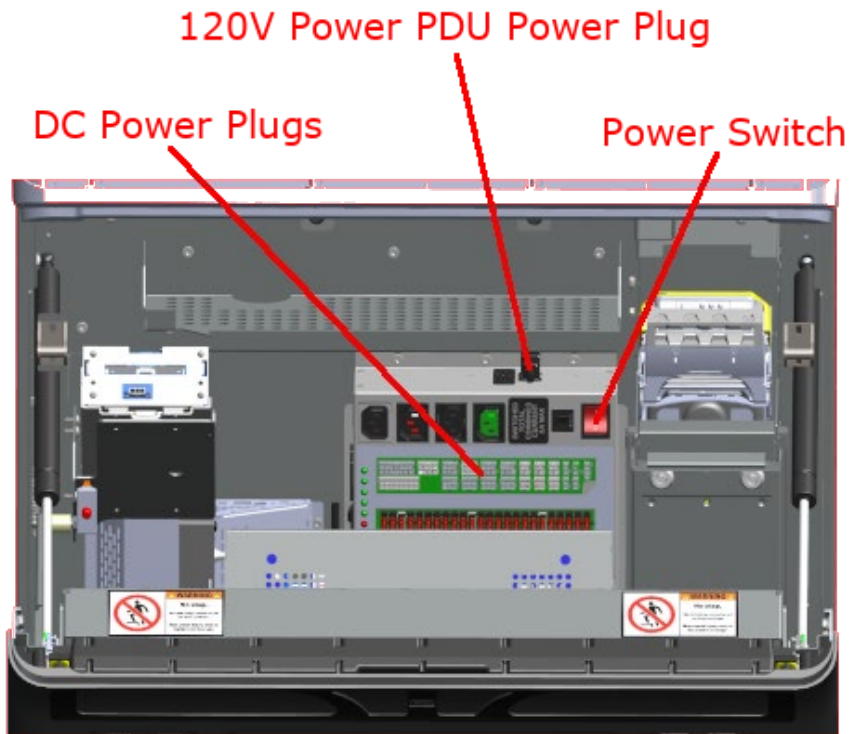
Belly Door Belly Door Lock



4.2. Unplug the PDU

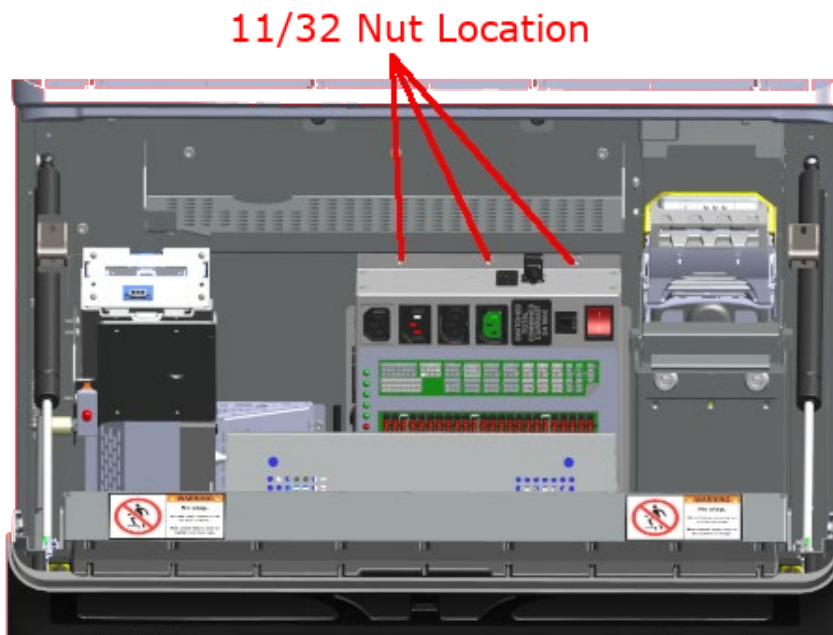
- Start by powering off the PDU.

- With the PDU powered down, unplug the 120V plug to the PDU.
- Next, unplug all the DC power plugs going to each device from the PDU. These cables are labeled and must go back into the same ports.

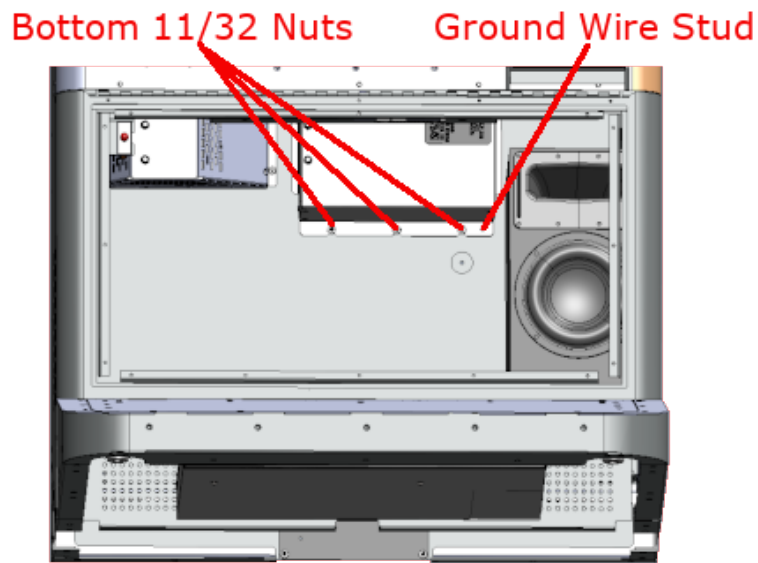


4.3. Remove The PDU Nuts

- Start by removing the three 11/32 nuts at the top of the PDU by accessing them through the main door.

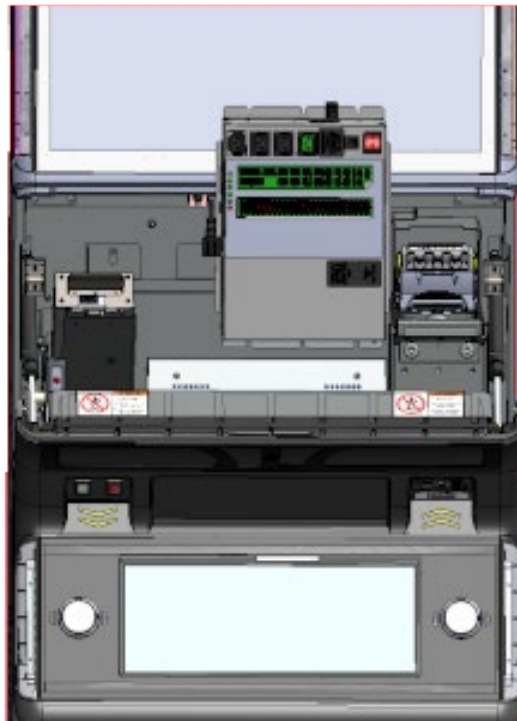


- Once the top nuts are removed, loosen the bottom three 11/32 nuts and the ground wire accessing them through the belly door.



4.4. Remove PDU

- With the top nuts removed and bottom loosened, remove the PDU by pulling up and out.

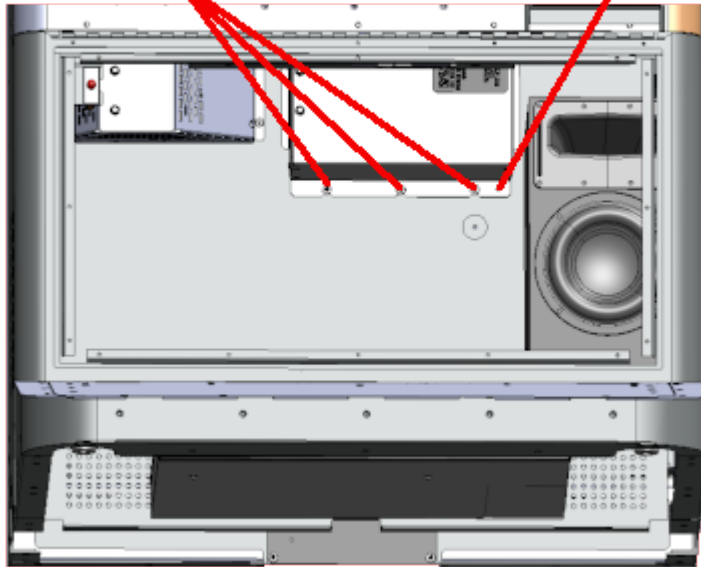


5. Installation

5.1. Install The New PDU

- Slide the new PDU onto the bottom studs behind the three 11/32 nuts.

Bottom 11/32 Nuts Ground Wire Stud



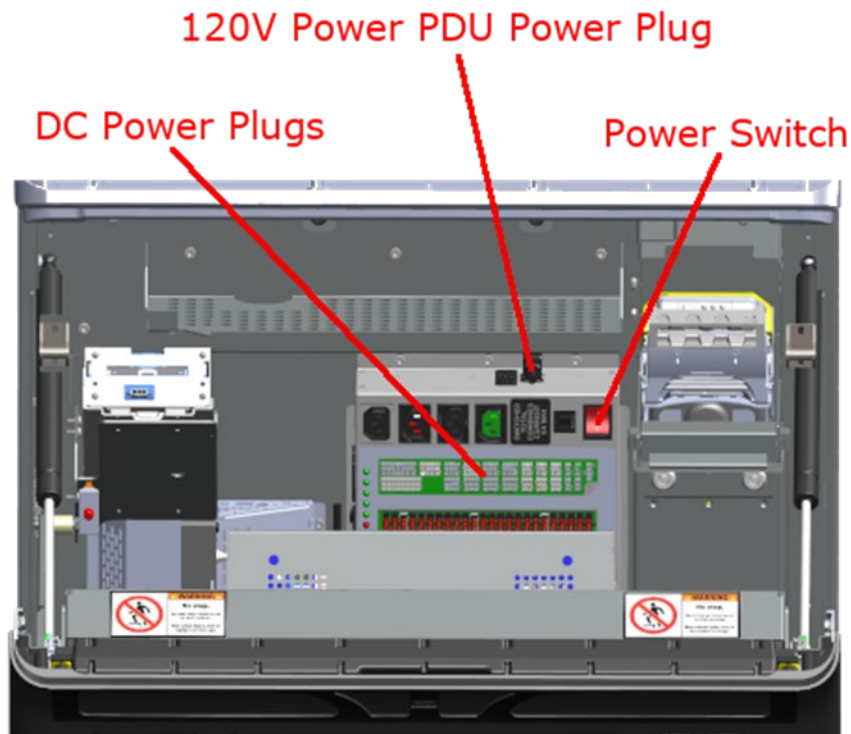
- Secure the PDU by tightening the three 11/32 nuts and attaching the ground wire.
- Install the remaining three top nuts to secure the PDU fully.

11/32 Nut Location



5.2. Plug in the PDU

- Start by plugging in the DC power plugs into the correct ports. All cables will have a label on them specifying where they go.



- Next, Plug in the 120V PDU power cable plug.

5.3. Test the PDU

- Once installation of the PDU is complete, flip the power switch on and make sure the machine boots/functions properly.
- If the machine boots and functions properly, the installation is complete. If you have any issues with devices not powering on, check all your DC power connections and make sure they are all plugged in.



Contact Us

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