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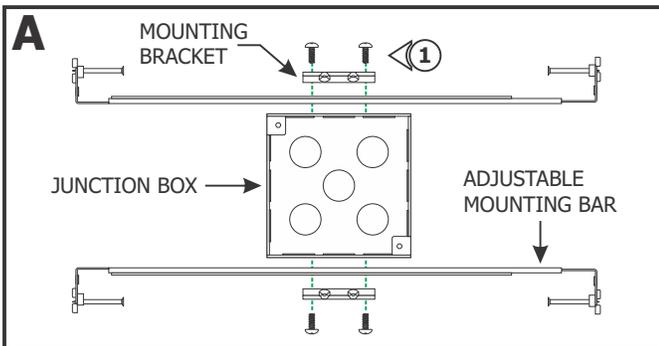
## Installation Instructions for **Vanishing Point 24 Volt Drywall Plaster-In Fast Jack Connection** V\_-FJ24\_-

### IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This product is ceiling mount.

**SAVE THESE INSTRUCTIONS!**

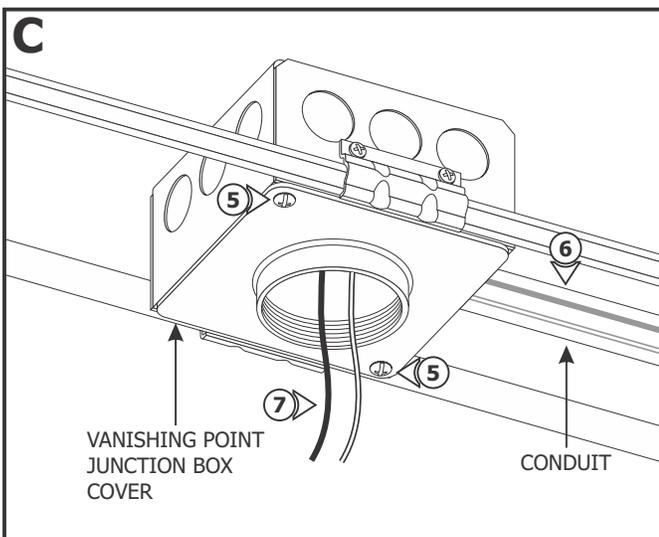
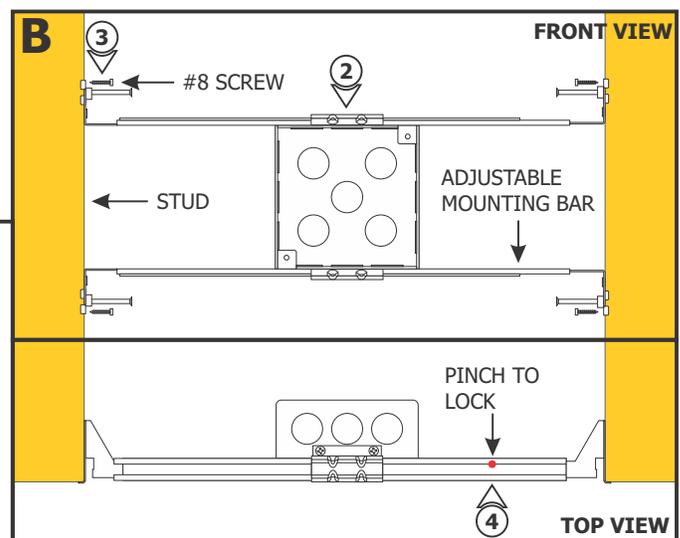
### Section One: Install the Junction Box



- 1:** Mount each adjustable mounting bar to one side of the junction box and secure them with the mounting brackets and two Phillips screws provided.

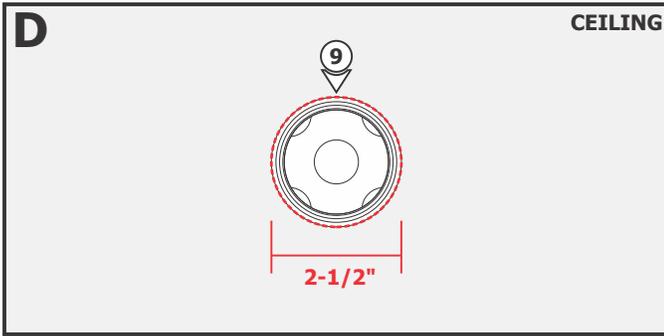
**NOTE:** Adjustable mounting bars mount to studs that are spaced 14.5" to 25" apart.

- 2:** Select the location between the two studs for the junction box to be mounted.
- 3:** Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with the #8 screws.
- 4:** Pinch anywhere on the inner edge of the mounting bars to lock in place.



- 5:** Install the Vanishing Point junction box cover to the junction box using two #8-32 screws.
- 6:** Remove a knockout to install a conduit into the junction box. Install conduit(s) (if required by local electrical code).
- 7:** Run the line voltage wires to the junction box.
- 8:** If using remote power supply, then run the low-voltage 24V wires coming from the remote power supply to the junction box.

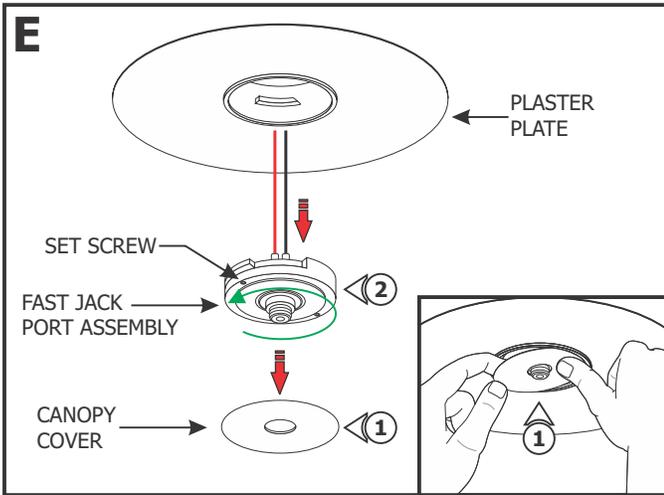
**NOTE:** Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.



**9:** Use a 2-1/2" hole saw to cut out the drywall section where the junction box opening is located.

**10:** Install the drywall. If necessary, plaster and finish the drywall.

## Section Two: Install the Fixture



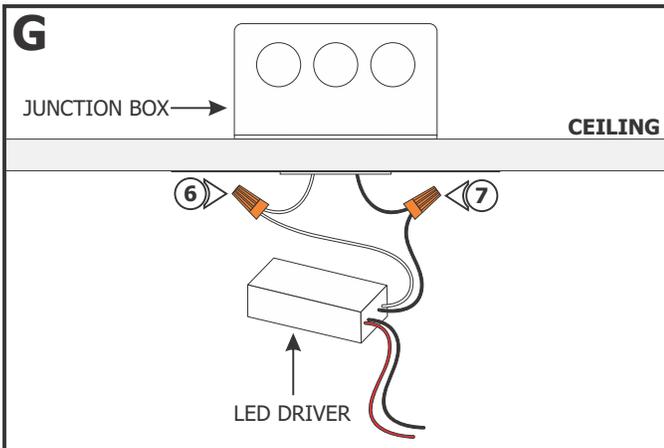
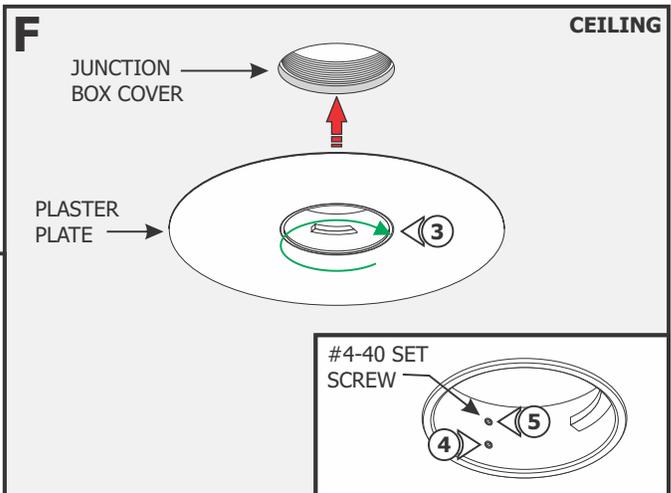
**1:** Use fingers to push on the perimeter of the canopy cover until it slightly rocks and lift the cover to remove it from the assembly.

**2:** Loosen (**Do Not Remove**) the #4-40 set screws on the Fast Jack Port assembly using a 0.05" Allen wrench and rotate the Fast Jack Port assembly counter clockwise to remove from the Plaster Plate.

**3:** Screw the plaster plate clockwise into the junction box cover, ensuring the plate is tight.

**4:** If the drywall is 5/8" thick, tighten the bottom #4-40 set screw inside the plaster plate using a 0.05" Allen wrench.

**5:** If the drywall is 3/4" and thicker, tighten the top #4-40 set screw inside the plaster plate using a 0.05" Allen wrench.



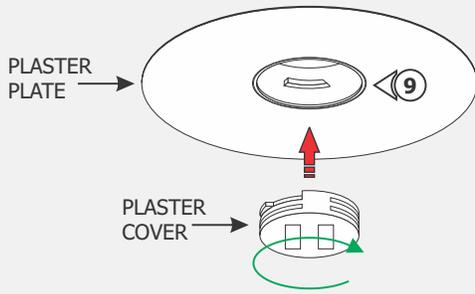
**NOTE:** Steps 6 through 8 are for the 24V power supply included inside the junction box. Omit these steps if using remote power supply.

**NOTE:** Make sure the junction box is grounded in accordance to local electrical codes.

**6:** Connect the white LED driver wire to the neutral power wire with a wire nut.

**7:** Connect the black LED driver wire to the hot power wire with a wire nut.

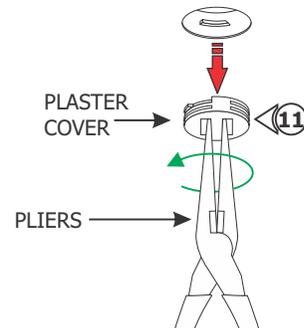
**8:** Place the LED driver and wire nut connections inside the junction box.

**H****CEILING****9:** Rotate the plaster cover clockwise into the plaster plate.**10:** Plaster, sand and paint the surface.

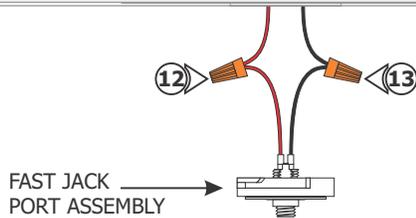
**NOTE:** For areas with lots of vibration, it is suggested to use Durabond to avoid cracking of plaster.

**NOTE:** **Do Not use premixed joint compound "Soft Mud."**  
**No use compuesto para juntas premezclado "Soft Mud."**

**NOTE:** Recommended plaster method: 1st Coat - Durabond 45 with 8" Blade, 2nd Coat - Easy Sand 45 with 10" Blade, 3rd Coat with 12" Blade

**I**

**11:** Use pliers to rotate the plaster cover counter clockwise and remove it. Clean the hole.

**J**

**12:** Connect red wire of the Fast Jack Port assembly to the +24VDC power supply wire using a wire nut.

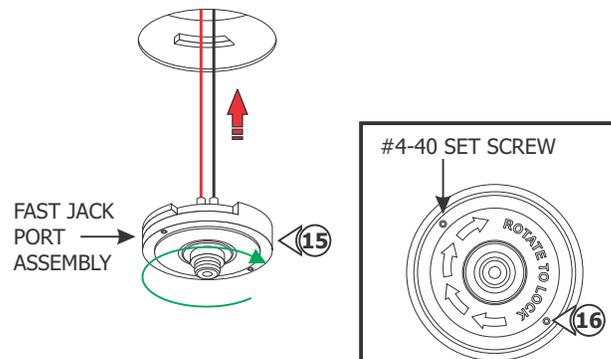
**13:** Connect the black wire of the Fast Jack Port assembly to the -24VDC power supply wire using a wire nut.

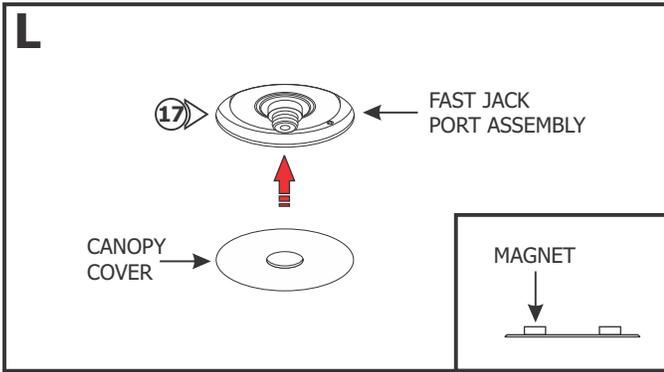
**14:** Place all wire nut connections inside the junction box.

**15:** Insert the Fast Jack Port assembly into the opening and rotate clockwise to lock in place.

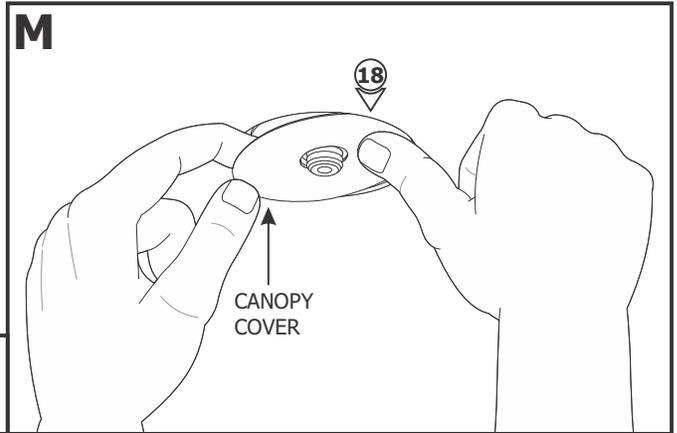
**16:** Tighten the #4-40 set screws using a 0.05" Allen wrench to secure in place.

**NOTE:** Test the fixture.

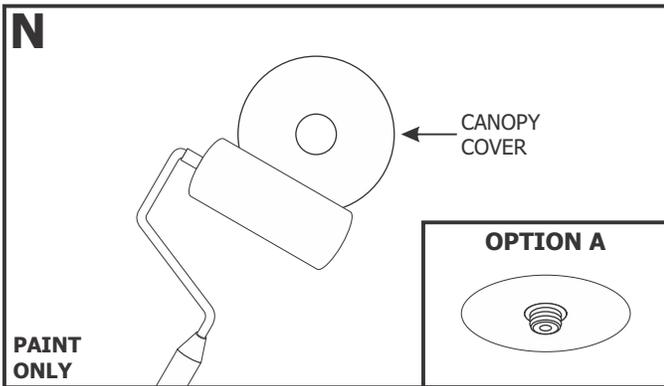
**K**



**17:** Place the canopy cover over the Fast Jack Port assembly. The magnets on the back will keep the canopy cover in place.



**18:** If necessary, use fingers to push on the perimeter of the canopy cover until it slightly rocks and lift the cover to remove it from the assembly.



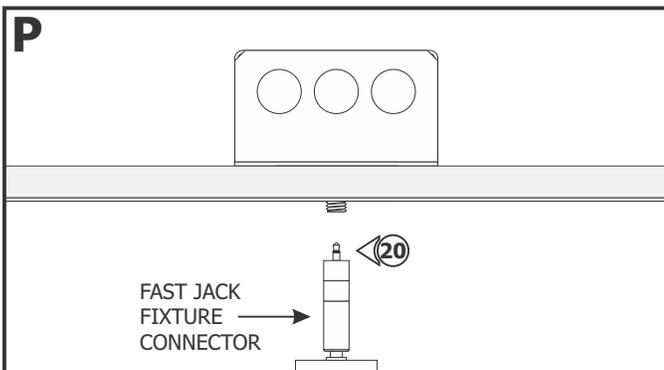
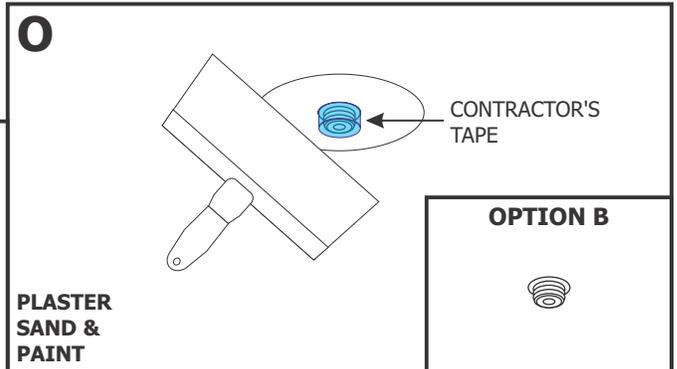
**19:** Choose one of the two options to cover the canopy.

**Option A:** For a slight outline of the canopy, prime and paint the canopy cover on the ground or table. Ensure paint is dry before replacing canopy cover over the Fast Jack Port assembly.

**NOTE:** Option B is recommended for remote power supply only.

**Option B:** For no outline of the canopy, cover the threads of the Fast Jack Port with contractor's tape. Plaster, sand and paint over the canopy cover and surface.

**NOTE:** If using metal tools to apply plaster, be careful not to remove the magnetic canopy cover while plastering.



**CAUTION: Risk of Fire:** Do not load the port greater than included power supply rated wattage (**15W** or **60W**).

**20:** Use fingers to tighten the Fast Jack connector into the Fast Jack port.

# General Wiring for Remote Power

