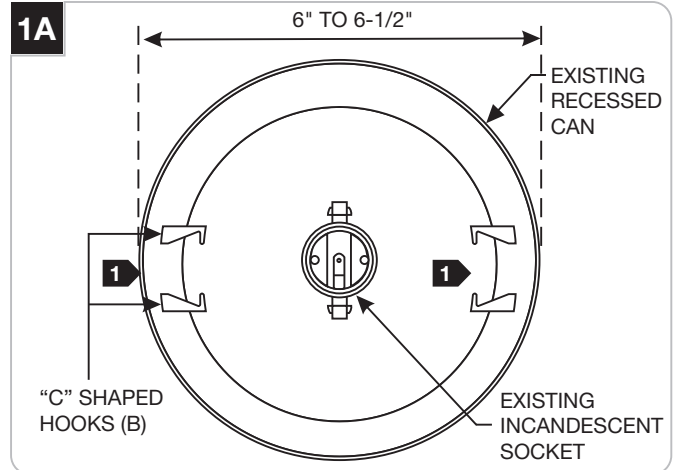


## SINGLE POWERFEED

### IMPORTANT SAFETY INSTRUCTIONS

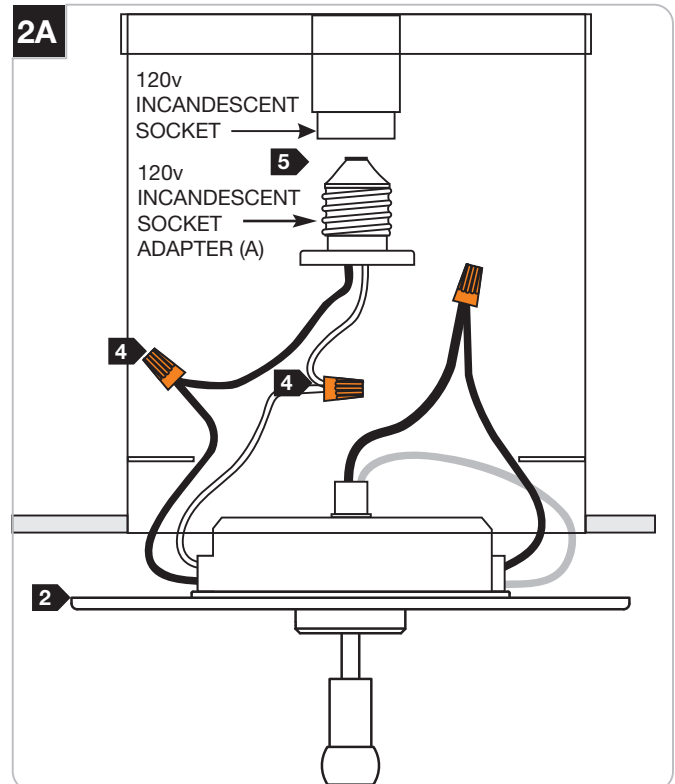
- Be sure the electricity to the circuit you are working on is turned off; either the fuse removed or the circuit breaker set at off.
- If you are unclear as to how to proceed, contact a qualified electrician.
- Use of other manufacturers components will void warranty, listing, and create a potential safety hazard.
- This product is suitable for dry locations only.
- This product is intended for use with RTx low voltage lighting series by Sea Gull Lighting only.
- Do not conceal or extend bus bar conductors through a building wall.
- To reduce the risk of fire and burns, do not install this lighting system where the uninsulated open bus bar conductors can be shorted or contact any conductive materials.
- To reduce the risk of the system overheating and possibly causing a fire, make sure all the connections are tight.
- Do not install fixture assemblies closer than six inches to curtains or similarly combustible materials.
- Turn the electrical power to the circuit off before modifying the lighting system in any way.
- Load the circuit of the transformer to no more than the maximum rated capacity as specified.

In addition to Sea Gull Lighting 6" incandescent recessed cans (non sloped ceiling models), the MonoRail recessed can transformer can be used with the following Down Lights: Juno IC2, TC2, and TC2R; Halo H7T and H7RT; Cooper Lighting H27RT, Capri (Thomas) Lighting PR75ASIC/TPR75ASIC/DY6431; Progress Lighting P7TG, P8-TG and PIO8-TG.



- 1 The recessed can transformer can be mounted to down lights that contain: "C" shape hooks (B) on the inside of the can wall, and are 6" to 6-1/2" in diameter.

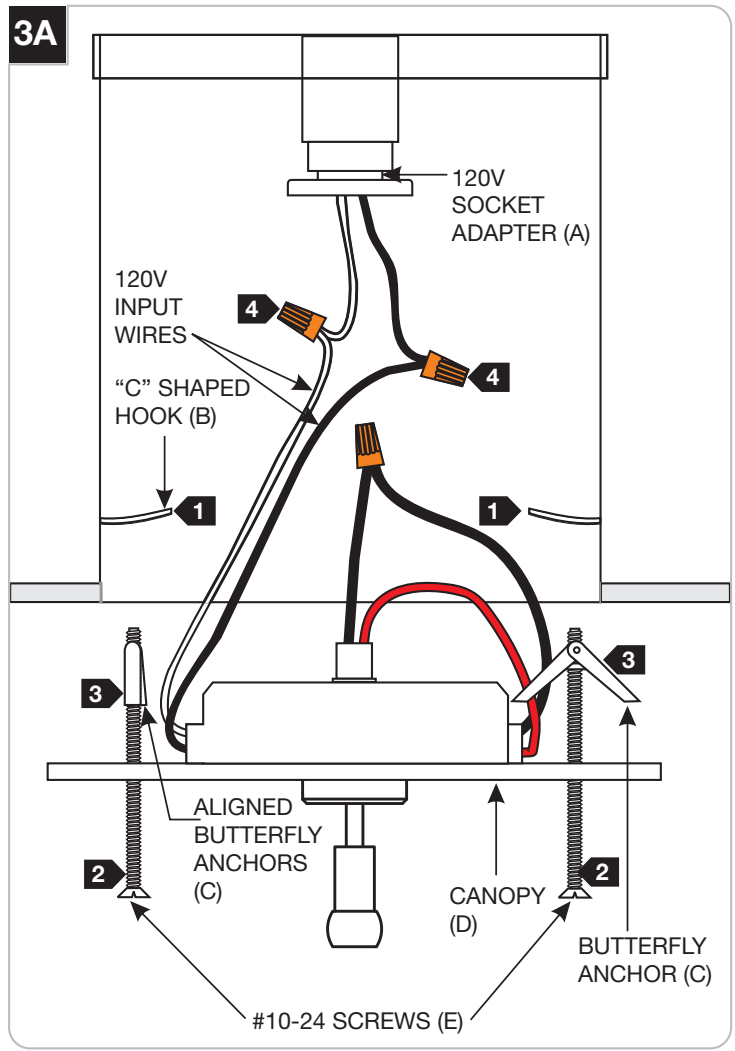
## Power Connection



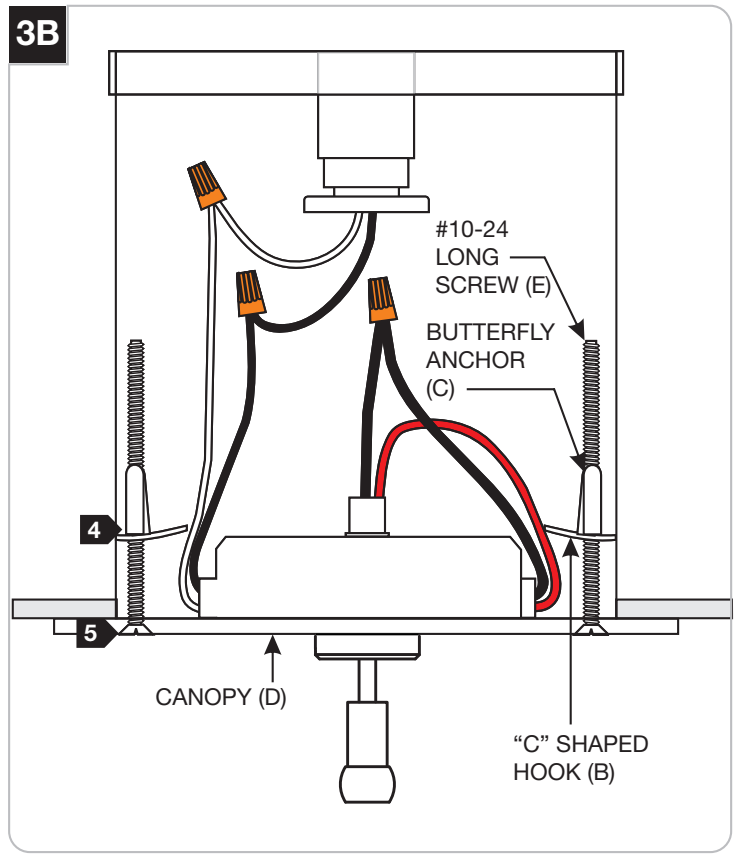
- 1 Turn the power to the recessed down light off.
- 2 Remove the existing trim and the incandescent lamp.
- 3 Confirm that the recessed down light can is grounded in accordance with local electrical codes. Add ground (if required) by drilling 9/64" hole inside the downlight can wall (a pre-drilled hole might exist that is applicable for the ground wire connection).
- 4 Remove 120v input wiring connections from 120v socket adapter (A).
- 5 Install the 120v socket adapter (A) by threading tightly into the existing incandescent socket.

# Using the Butterfly Anchors to Install the Recessed Can Transformer

Note: This method should be used when the recessed can has two “C” shaped hooks on either side.



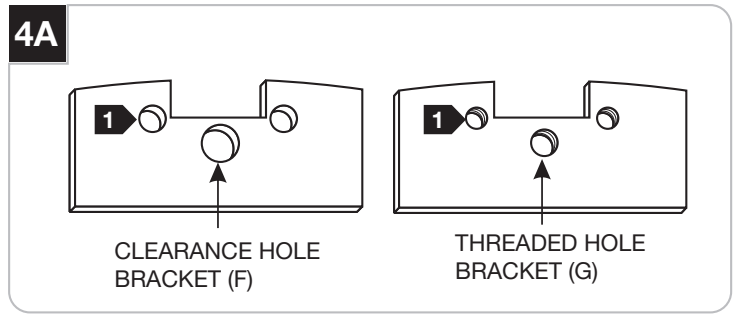
- ➊ If required, bend the “C” shaped hooks (B) slightly up to hold the butterfly anchors (C).
- ➋ Insert the #10-24 screws (E) through the canopy (D) holes.
- ➌ Screw the butterfly anchors (C) onto the tips of the #10-24 screws (E).
- ➍ Use wire nuts to reconnect 120v input wires to 120v socket adapter (A). (Black to black, white to white).



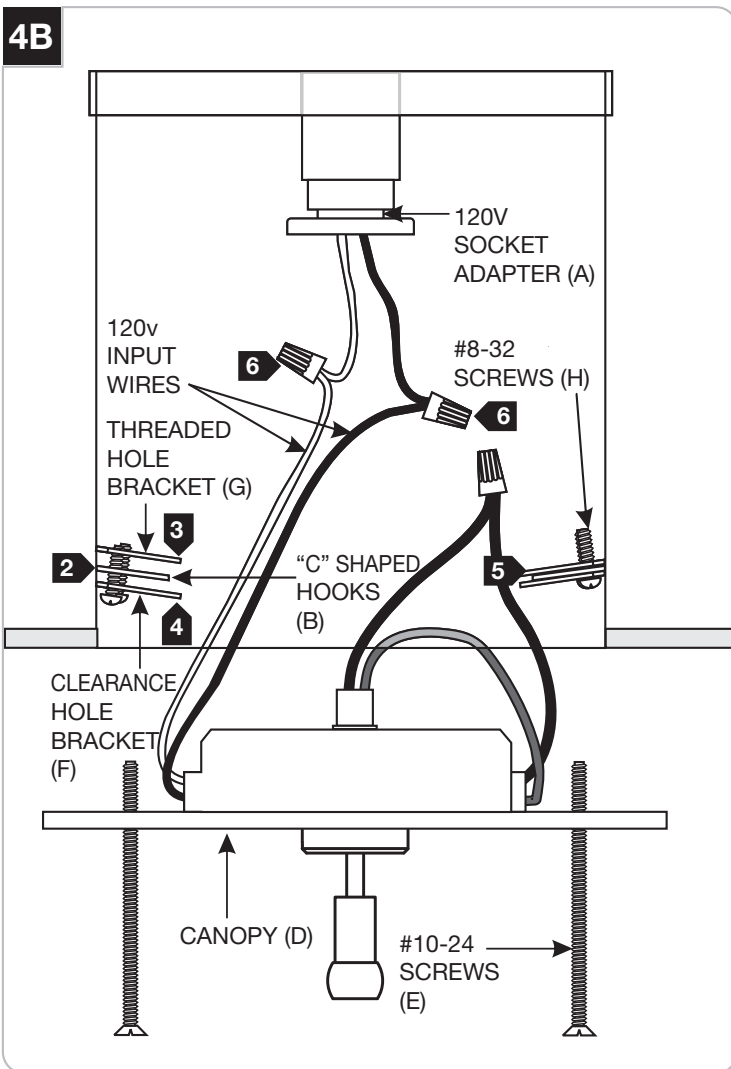
- ➎ Align and hang the butterfly anchors (C) onto the “C” shaped hooks (B) on both sides of the down light.
- ➏ When the butterfly anchors (C) are properly hung onto the “C” shaped hooks (B), tighten the #10-24 screws (E) while keeping a light tension on the canopy (D). This will prevent the butterfly anchors (C) from slipping off of the “C” shaped hooks (B).

# Using the Mounting Brackets to Install the Recessed Can Transformer

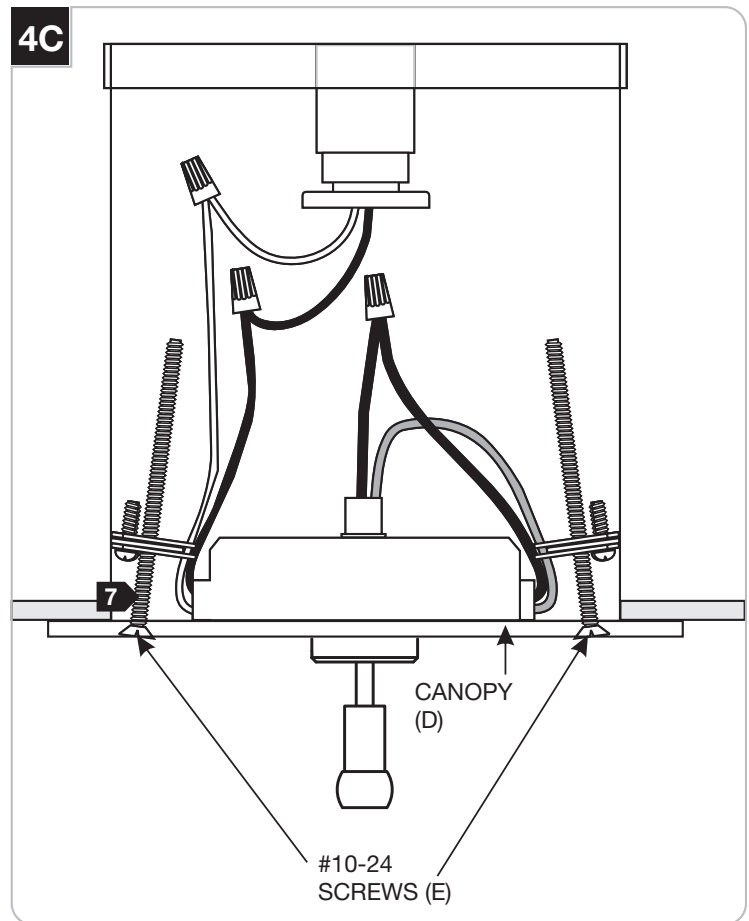
Note: This method should be used when the recessed can has one “C” shaped hook on either side.



- ➐ There are four mounting brackets, two with threaded holes and two with clearance holes. Each set uses a clearance hole bracket (F) and threaded bracket (G).

**4B**

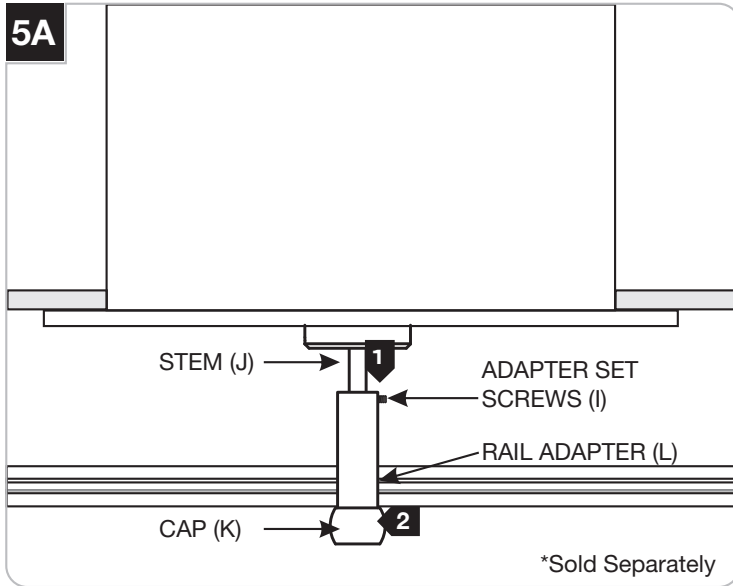
- 2** Bend the “C” shaped hooks slightly down to avoid cross threading the #10-24 screws (E) that hold the canopy (D).
- 3** Lay one threaded hole bracket (G) on top of the “C” shaped hook so that the curved section of the bracket is in contact with the inside can wall.
- 4** Similarly, from the bottom of the “C” shaped hook (B), hold the clearance hole bracket. Line the two bracket holes up and screw them together with the two #8-32 screws (H) so that these brackets clamp the “C” shaped hooks (B).
- 5** Repeat steps 2 through 4 for the other “C” shaped hooks (B).
- 6** Use wire nuts to reconnect 120v input wires to 120v socket adapter (A).

**4C**

- 7** Screw the #10-24 screws (E) through the canopy (D) and into the center hole of brackets until canopy (D) is secured flush to the ceiling.

# Connecting the Rail to the Recessed Can Transformer

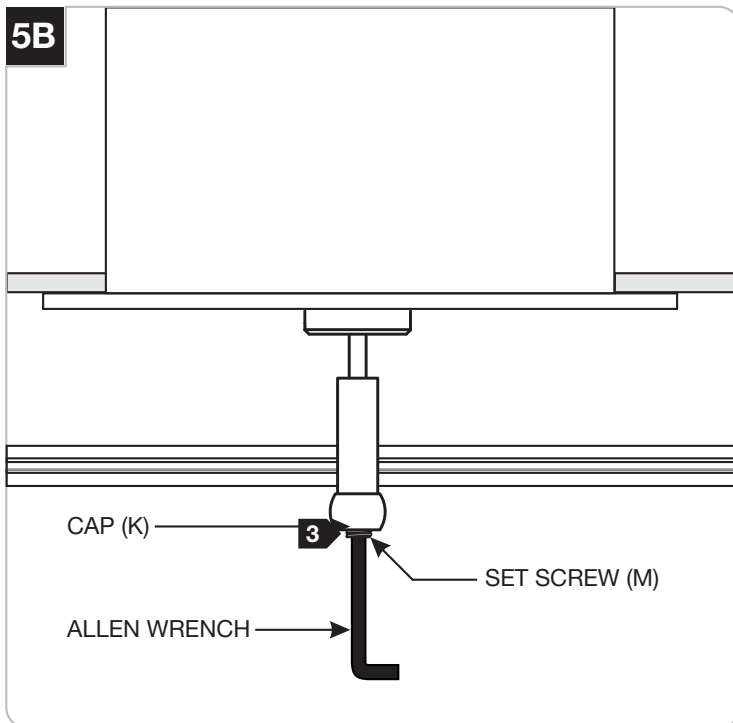
5A



- 1 Confirm that height of recessed can power feed is consistent with separate support adapters. Rail adapter (L) height may be adjusted by loosening the adapter set screws (I) with supplied allen wrench. Adjust rail adapter (L) to desired height and retighten adapter set screws (I).

- 2 Unscrew the cap (K) from the rail adapter (L). Insert the rail into rail adapter (L).

5B



- 3 To prevent arcing, tighten the set screw (M) on the bottom of the cap (K) with the supplied Allen wrench.