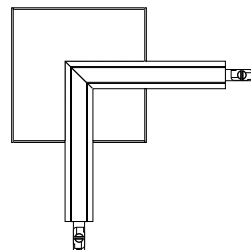




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Installation Instructions for **TS24M Track Surface Magnetic Two Circuit - L-Shaped Power Feed**

TS24M-2C-LP_



IMPORTANT INFORMATION

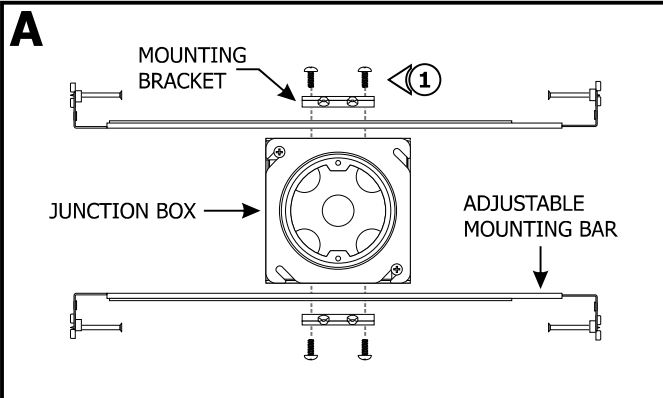
- Read all of these installation instructions before installing the track system and refer to them when additions to or changes in the track configuration are made.
- **DO NOT** install this track in damp or wet locations.
- **DO NOT** install any part of a track system less than 5 feet above the floor. **DO NOT** install any luminaire assembly closer than 6 inches from any curtain or similar combustible material.
- Disconnect the electrical power before adding to or changing the configuration of the track.
- Only install luminaires identified with Pure Edge Lighting track systems. **DO NOT** attempt to connect any power tools and equipments to the track system.
- **DO NOT** overload each branch of track connected to the Track Power Feed Connectors resulting in a risk of fire.
- The system is "ETL" listed for USA and Canada only when all the products used are supplied by Pure Edge Lighting.
- **DO NOT** field modify this component.

GENERAL INFORMATION

- This instruction shows a typical installation.
- Before beginning any electrical work, ensure that the power to the electrical box is **OFF**.
- This product must be installed by a qualified electrician and in accordance with local electrical codes.

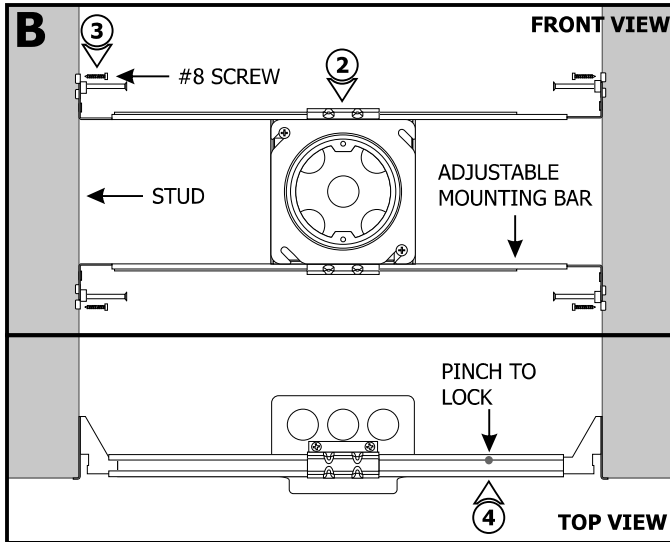
SAVE THESE INSTRUCTIONS!

Section One: Install the Deep Junction Box



NOTE: Ensure that power to the junction box is **OFF** before beginning installation.

- 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.

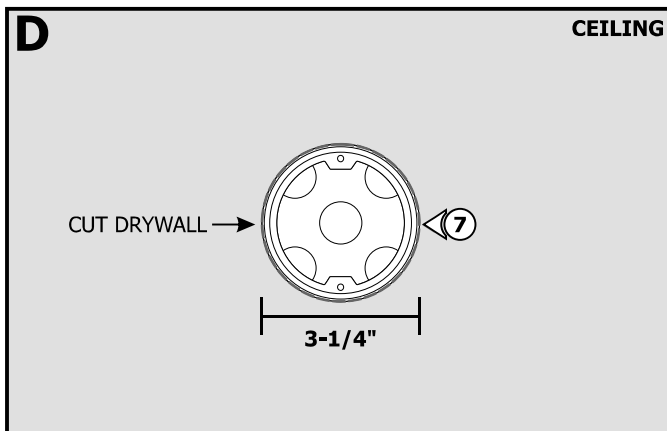
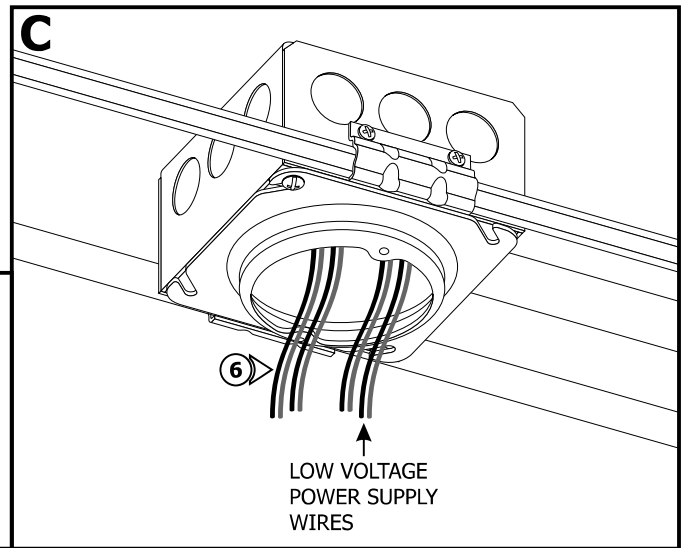


NOTE: Adjustable mounting bars mount to studs that are spaced 14.5" to 25" apart.

- 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.

NOTE: Remote power supply wires must be present in the junction box. Refer to the instructions provided with the power supply.

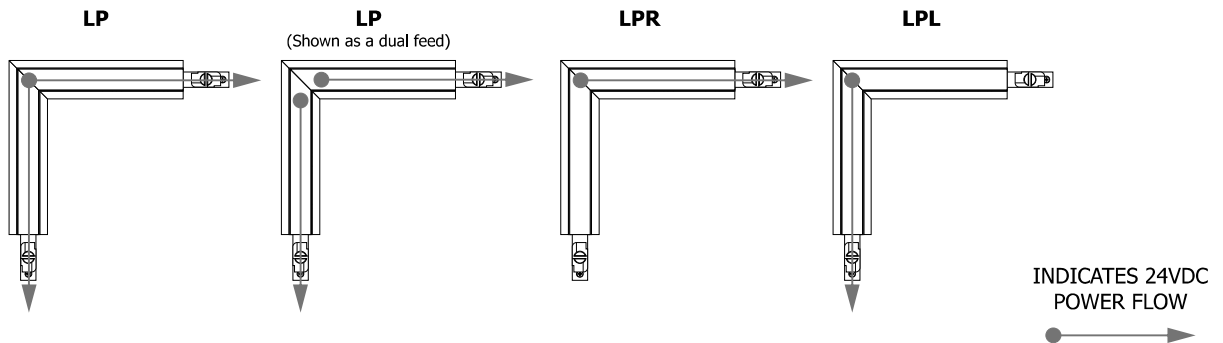
- 5: Remove a knockout to install a conduit into the junction box. Install conduit(s) (if required by local electrical code).
- 6: Run the low-voltage 24V wires coming from the remote power supply to the junction box.



- 7: Use a circular saw to cut out the drywall section where the plaster ring is located.
- 8: Install the drywall. If necessary, plaster and finish the drywall.

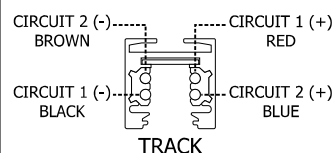
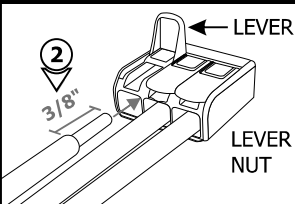
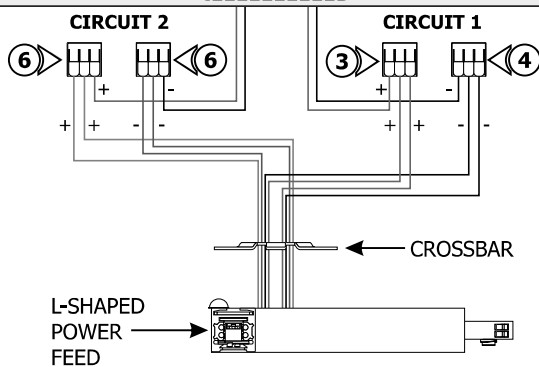
Section Two: Install the L-Shaped Power Feed

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- 1:** The L-Shaped Power Feed joins two sections of track together at 90° and conducts power to channels; both channels using up to two power supplies for single two circuit power feed or four power supplies for dual two circuit power feed (**LP**), the right channel only (**LPR**), or the left channel only (**LPL**).

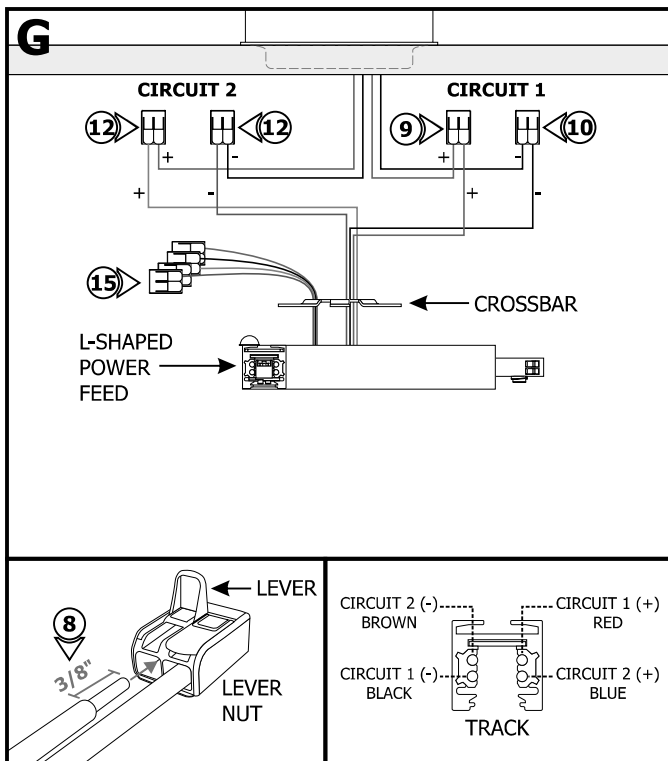
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NOTE: Follow steps 2-7 for connecting the L-Shaped Power Feed as a single two circuit power feed. Omit steps 8-14.

Single Two Circuit Power Feed:

- 2:** Strip 3/8" off of the low voltage power supply wires.
- 3:** On the lever nut that the Circuit 1 POSITIVE red Power Feed Connector wires are connected, pull up the available lever and insert the low voltage +24VDC power supply wire. Push the lever down to connect and lock into place.
- 4:** On the lever nut that the Circuit 1 NEGATIVE black Power Feed Connectors wires are connected, pull up the available lever and insert the low voltage -24VDC power supply wire. Push the lever down to connect and lock into place.
- 5:** Lightly tug on the wires to ensure they are secured in place.
- 6:** Repeat steps 3 through 6 to connect the Circuit 2 POSITIVE blue wires and NEGATIVE brown wires from both Power Feed Connectors to the +24VDC wire and -24VDC wire of the second power supply respectively.
- 7:** Place the lever nut connections inside the junction box.



Dual Two Circuit Power Feed:

8: Strip 3/8" off of the low voltage power supply wires.

9: On the lever nut that the Circuit 1 POSITIVE red Power Feed Connector wire is connected, pull up the available lever and insert the low voltage +24VDC power supply wire. Push the lever down to connect and lock into place.

10: On the lever nut that the Circuit 1 NEGATIVE black Power Feed Connector wire is connected, pull up the available lever and insert the low voltage -24VDC power supply wire. Push the lever down to connect and lock into place.

11: Lightly tug on the wires to ensure they are secured in place.

12: Repeat steps 8 through 11 to connect the Circuit 2 POSITIVE blue wire and NEGATIVE brown wire from the same Power Feed Connector to the +24VDC wire and -24VDC wire of the second power supply respectively.

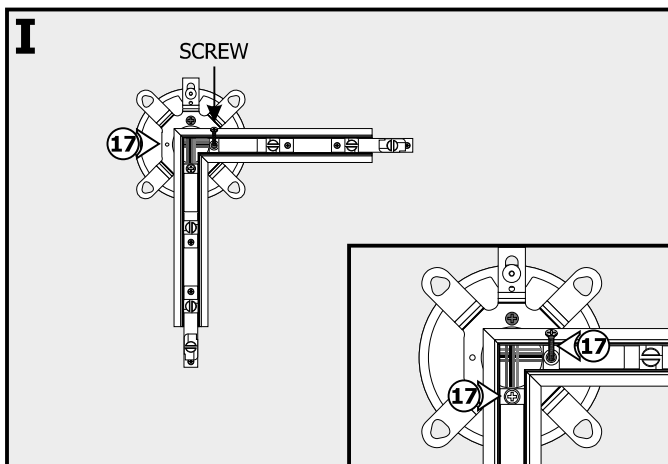
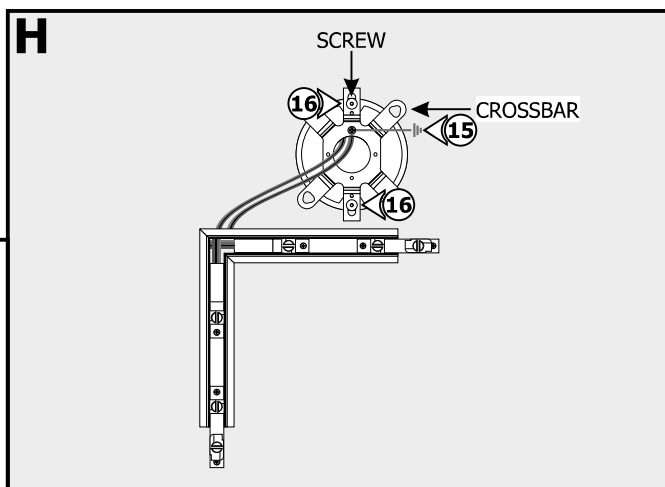
13: Place the lever nut connections inside the junction box.

14: Repeat steps 8 through 13 to connect the remaining Power Feed Connector to the remaining power supplies.

15: Make sure the crossbar is grounded in accordance to local electrical codes.

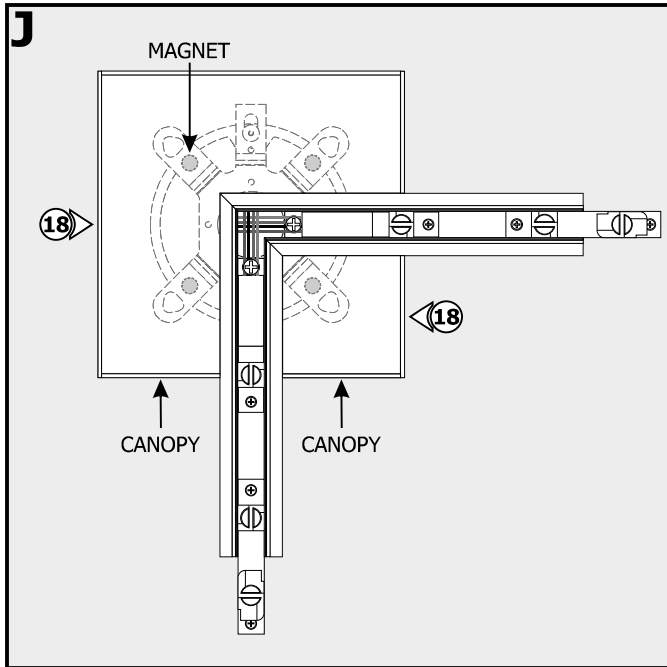
16: Mount the crossbar to the junction box with the two screws using a 2mm Allen wrench.

NOTE: The crossbar must be flush with the drywall. Do not overtighten.



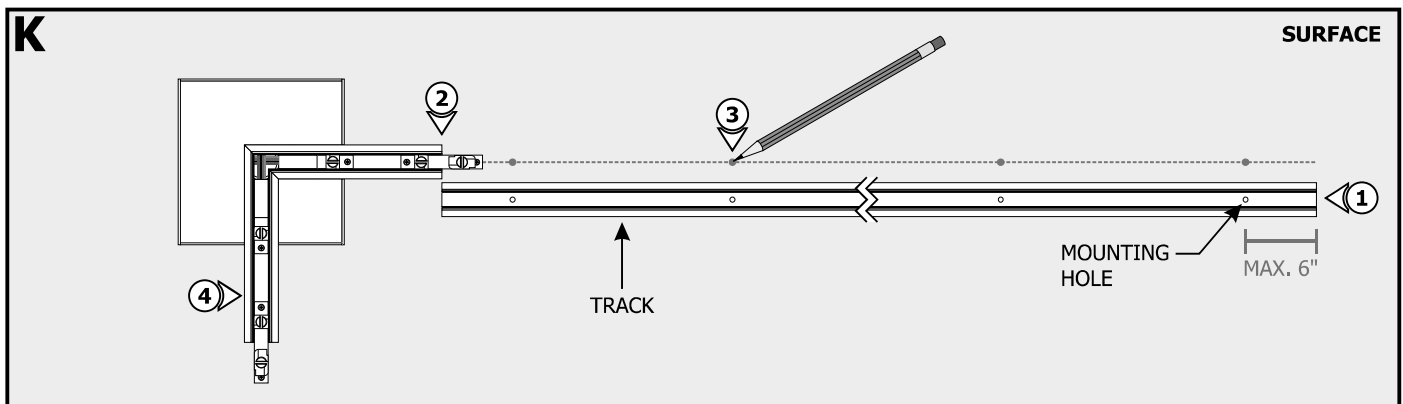
17: Secure the L-Shaped Power Feed to the crossbar with the two screws using a Phillips screw driver.

NOTE: The L-Shaped Power Feed must be flush with the drywall. Do not overtighten.

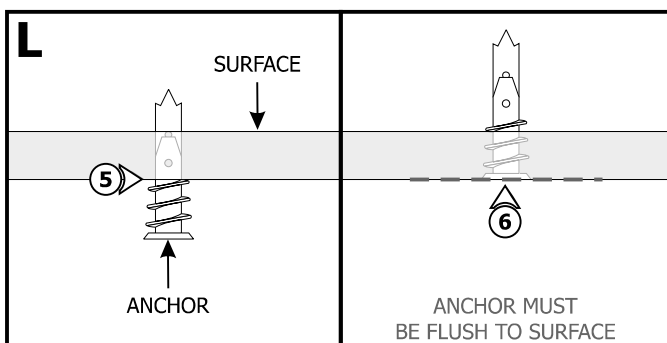


18: Place each canopy piece against the L-Shaped Power Feed and align the magnets on the back of the canopy pieces with the crossbar. The magnets on the back will secure the canopy in place.

Section Three: Install the Track



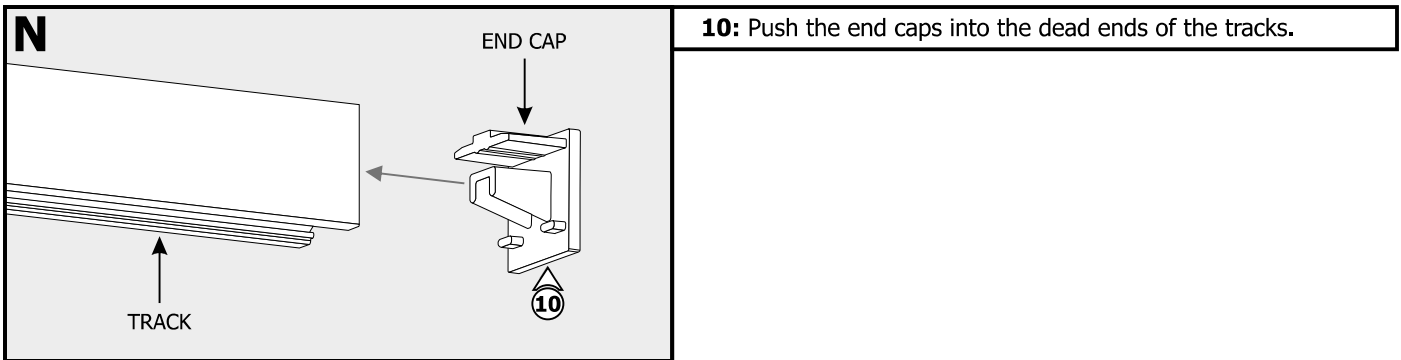
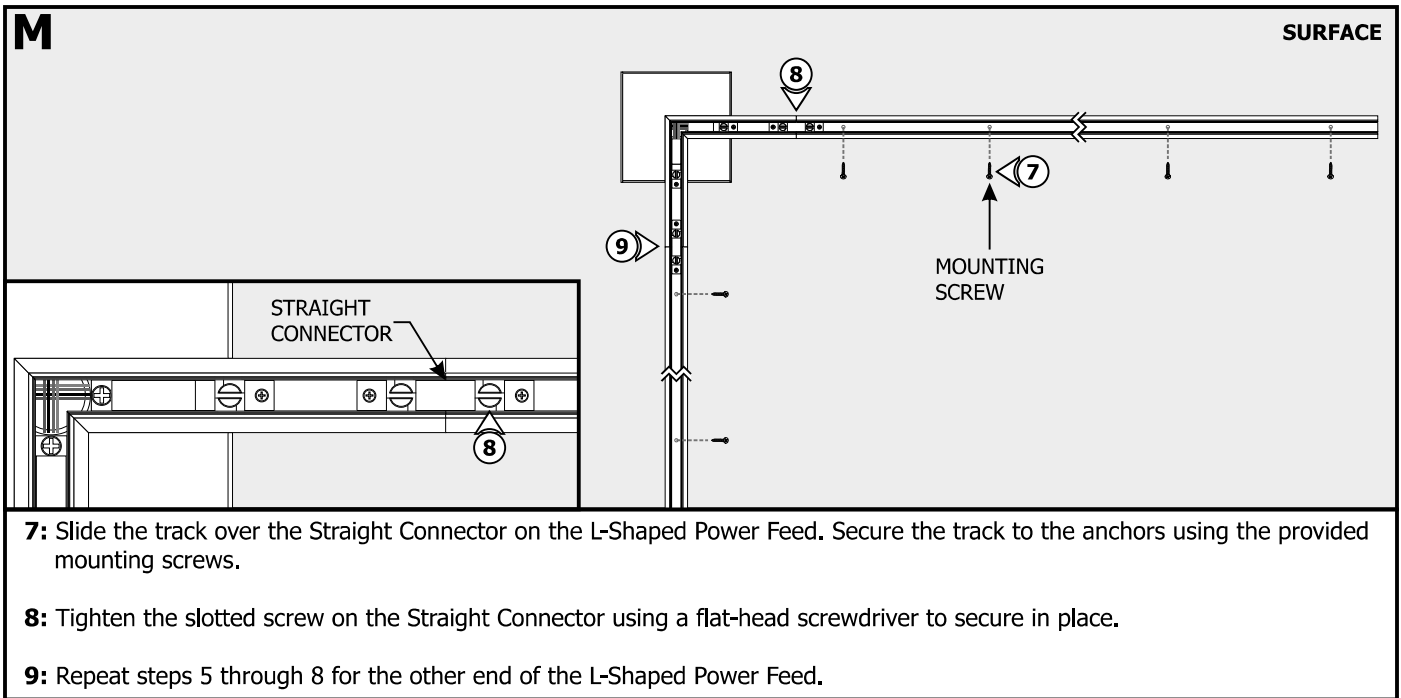
- 1:** Determine the desired length of the track. Measure and cut the track to desired length using a chop saw with high speed RPM. Clean the burrs at the end of the channel after drilling. Drill an additional mounting hole that is a maximum of 6" from the end of the track using a 11/64" drill bit.
- 2:** Align the end of the track with one end of the L-Shaped Power Feed.
- 3:** Mark the location of the track holes on the surface, ensure they are centered with the L-Shaped Power Feed.
- 4:** Repeat steps 1 through 3 for the other end of the L-Shaped Power Feed.



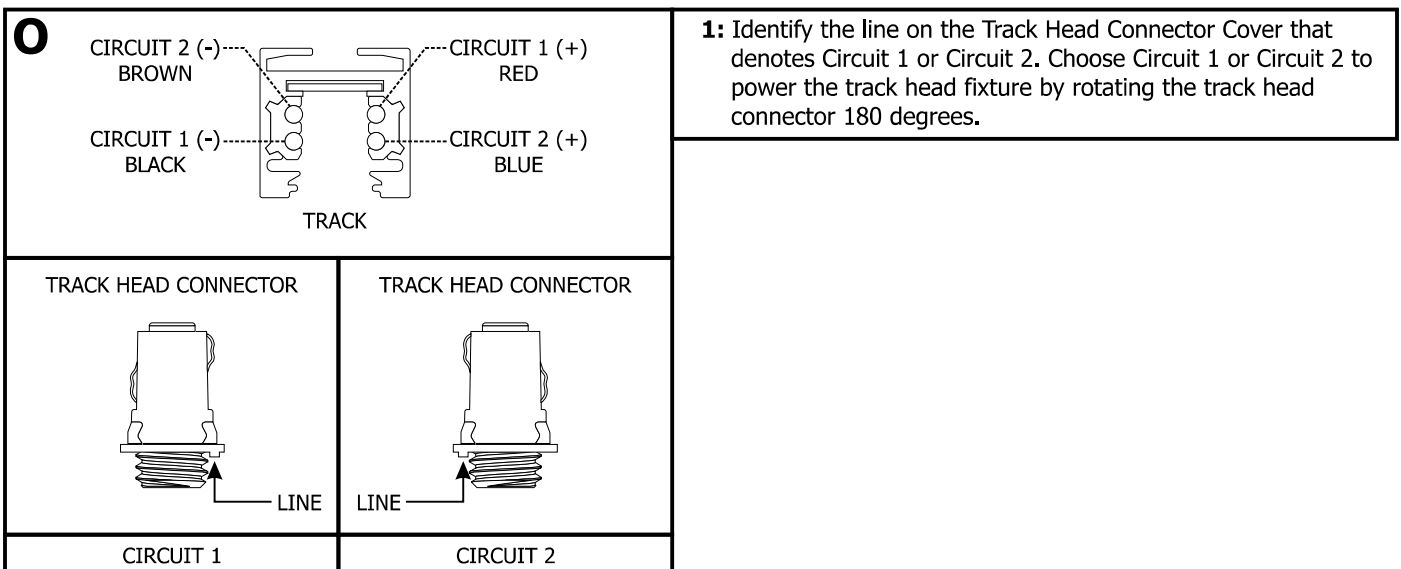
NOTE: Steps 5 and 6 are for drywall mounting. Omit these steps if mounting to a wood surface directly.

5: Tap the anchors onto the marked points up to the threaded portion with a hammer.

6: Screw in the threaded portion of the anchors with a Phillips screwdriver.



Section Four: Install Track Heads



General Wiring Diagram for Dual Two Circuit Power Feed

