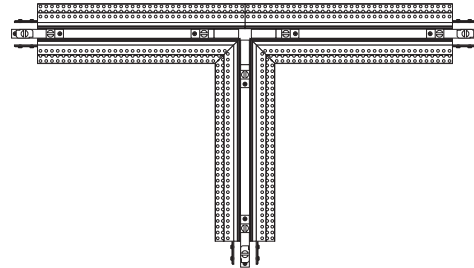




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Installation Instructions for TruTrack Magnetic Two Circuit, Recessed 24VDC - T-Shaped Power Connector

TR24M-2C-TP_



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.

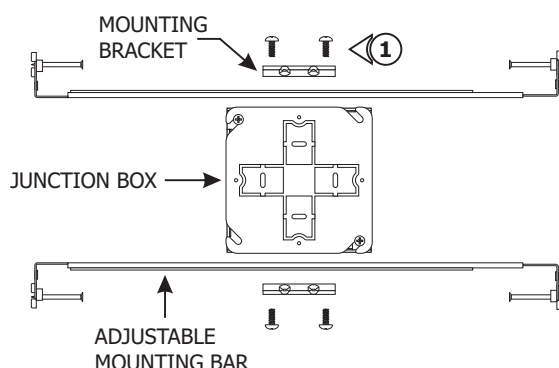


Scan with your mobile device for more information or visit
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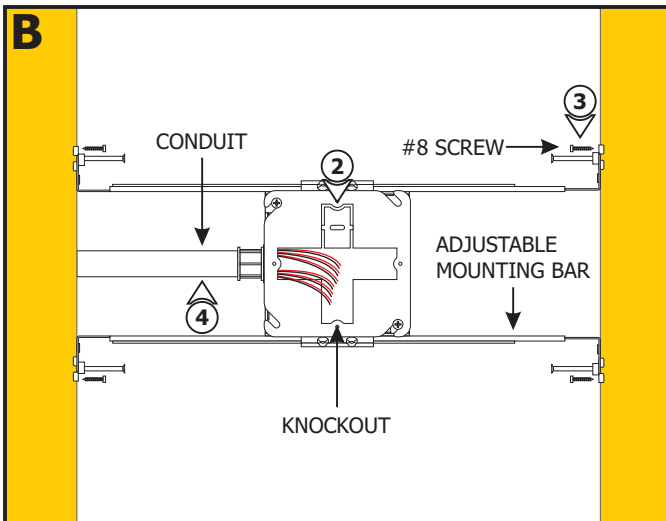
SAVE THESE INSTRUCTIONS!

Section One: Install the Junction Box

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- 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.

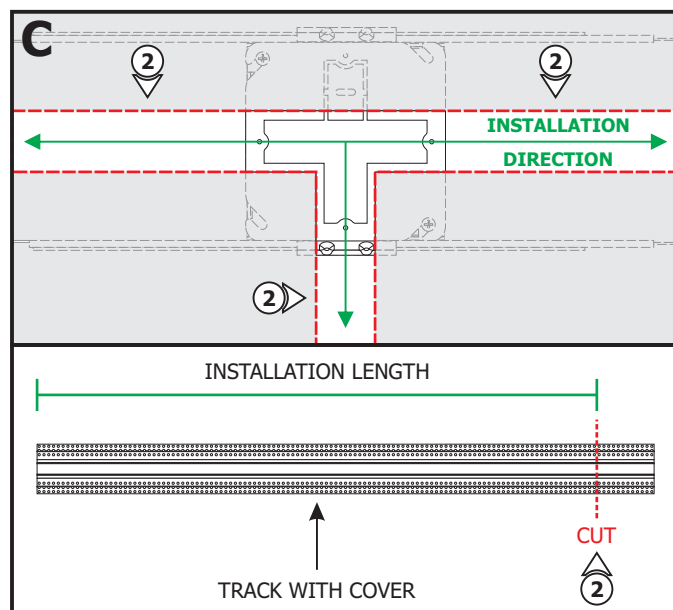
2: Select the appropriate knockouts on the mounting plate and remove it using a flathead screwdriver or other appropriate tool.

3: Place the adjustable mounting bar tabs against the ceiling joists. Secure the adjustable bars to the joists with the #8 screws.

4: Run the Class 2 24VDC low voltage wires coming from the remote power supplies to the junction box. Only install conduit if required by local electrical codes.

NOTE: Only use 0-10V and UNI power supplies with this product. See the wiring diagram provided with the power supply instructions.

Section Two: Install T-Shaped Power Feed



1: Cut a section of drywall to expose the junction box area. Install the drywall.

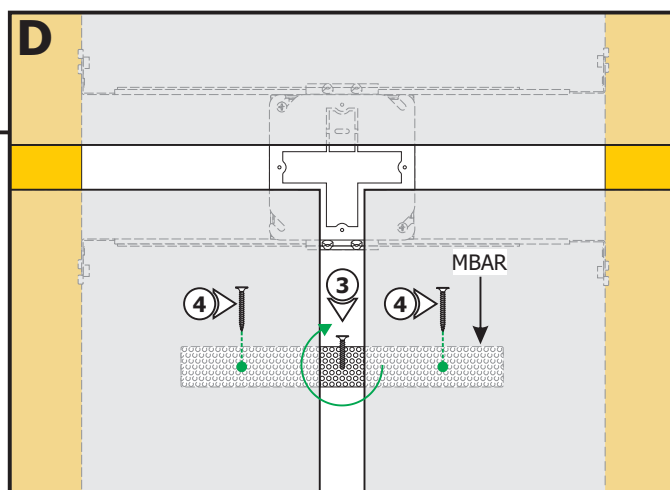
2: Mark and cut out the area where the installation will be located using the junction box opening as a guide.

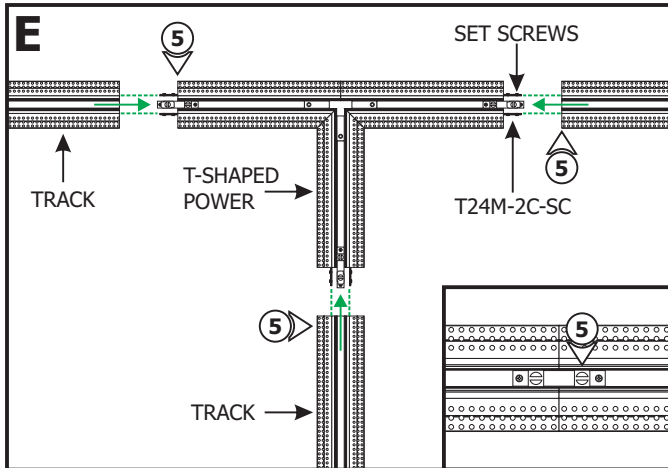
NOTE: Refer to the TruTrack Recessed Channel instructions to measure and cut the track and cover before continuing.

NOTE: Ensure all ends of the connector are supported with either a joist or mounting strap. To install the track without standard-spaced joists, install perforated mounting straps.

3: For each mounting strap (**MBAR**), thread a drywall screw into the perforated material. Use the screw to hold and place the mounting strap behind the drywall, and then rotate it in place.

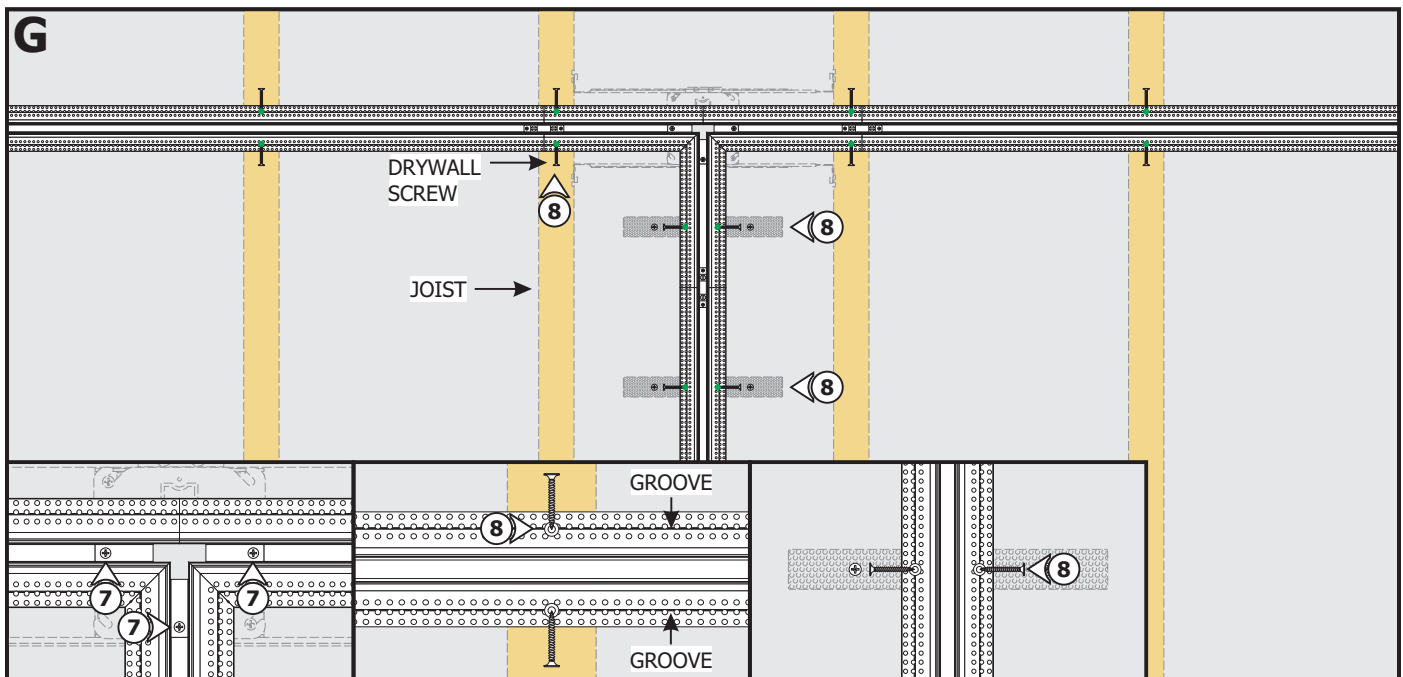
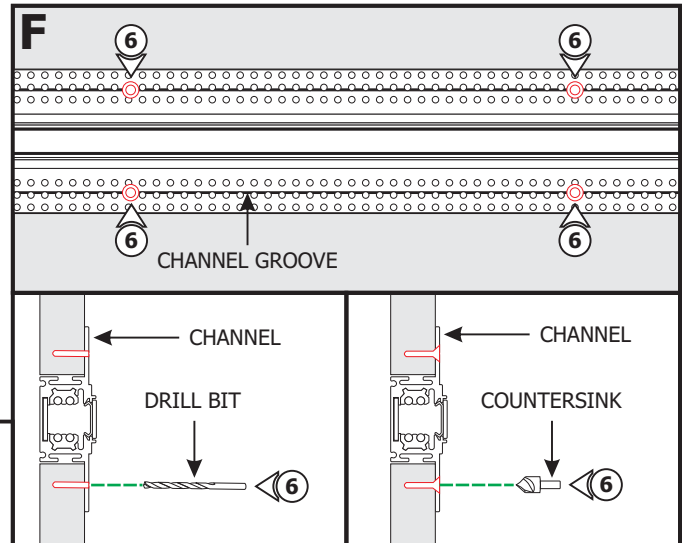
4: Secure the mounting straps to the drywall on each side of the junction box using two drywall screws. Mark the location of the mounting strap on the drywall.





5: Align and slide tracks over the straight connectors (**T24M-2C-SC**) on the ends of the T-Shaped Power Feed. Tighten the set screws using an Allen wrench and the slotted screw on the straight connector using a flat-head screw driver.

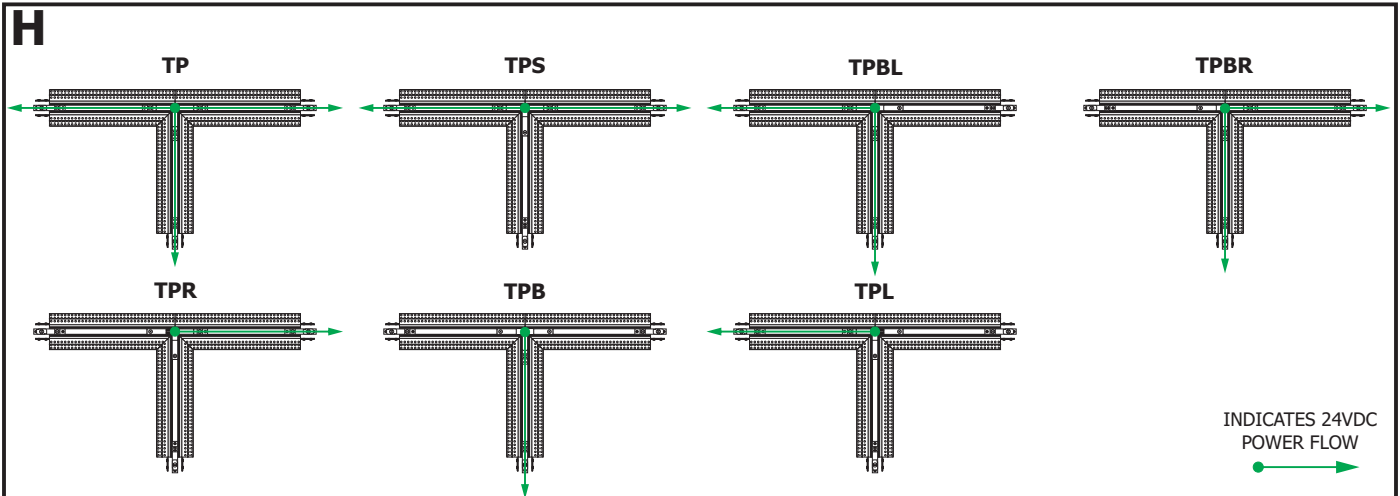
6: Place the assembled channel in the drywall cutout. Using the marked locations on the drywall, drill and countersink the channel using the provided square drill with counter sink bit.



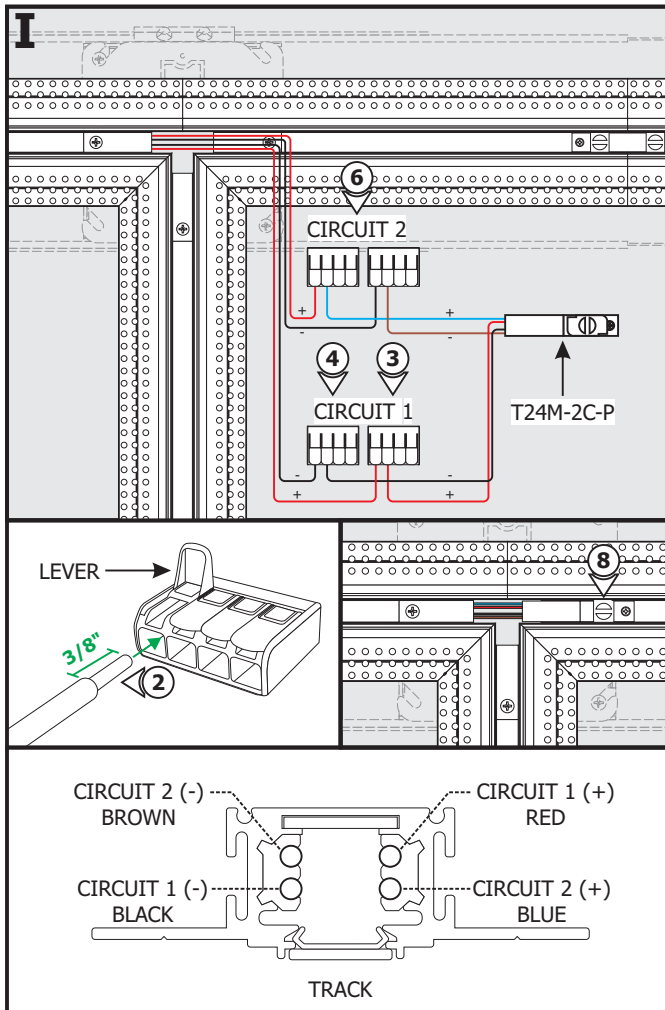
7: Secure the T-Shaped Power Feed to the junction box with the three Phillips screws.

8: Properly secure the channel to the marked joists and mounting straps using drywall screws (**DO NOT over tighten**). Ensure all screw heads are flush with the channel surface.

Section Three: Power the Fixture

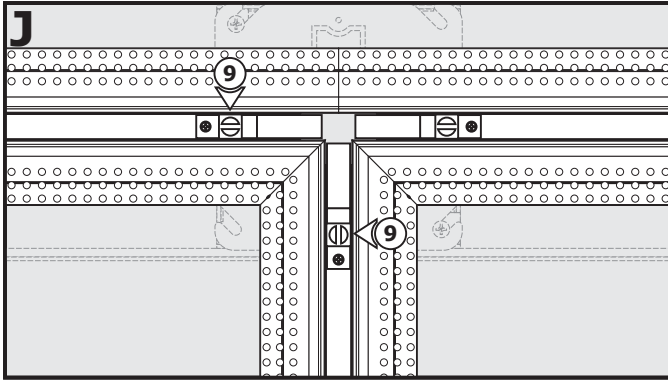


- 1:** The T-Shaped Power Feed joins three sections of track channel together and conduct power to all channels; all three channels (**TP**), straight through two channels (**TPS**), base and left channel (**TPBL**), base and right channel (**TPBR**), base channel only (**TPB**), the left channel only (**TPL**), right channel only (**TPR**).



NOTE: Depending on the design, discard any unused Power Feed Connectors. Refer to the general wiring diagram on page 6.

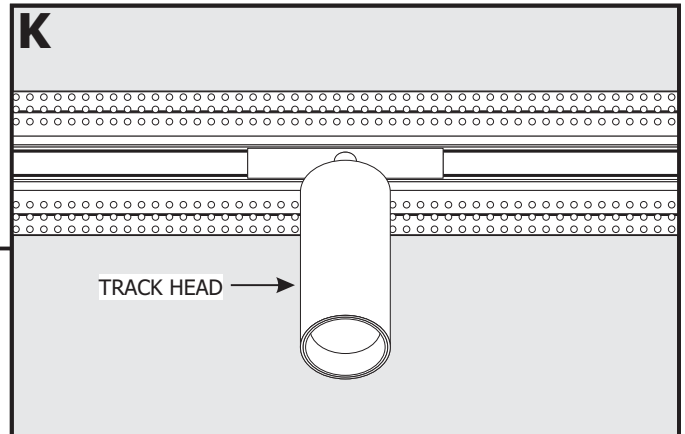
- 2:** Strip 3/8" off of the Power Feed Connector (**T24M-2C-P**) wires and the low voltage power supply wires.
- 3:** On the lever nut that the Circuit 1 POSITIVE red Power Feed Connector wire is connected, pull up the available lever and insert the low voltage +24VDC power supply wire. Push the lever down to connect and lock into place.
- 4:** 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.
- 5:** Lightly tug on the wires to ensure they are secured in place.
- 6:** Repeat steps 2 through 5 to connect the Circuit 2 POSITIVE blue wire and NEGATIVE brown wire to the +24VDC wire and -24VDC wire of the other power supply respectively.
- 7:** Place the lever nut connections inside the junction box one at a time.
- 8:** Place the Power Feed Connector inside the T-Shaped Power Feed and tighten the slotted screw with a flat-head screw driver to secure in place.



9: Depending on the design, repeat steps 2 through 8 to connect the remaining Power Feed Connectors to the remaining power supplies.

CAUTION: Test the circuits using a track head before plastering.

NOTE: Refer to the TruTrack Recessed Channel instructions to plaster and complete the installation.



General Wiring Diagram

