

## Installation Instructions

### For Juno TLR Series Pendant Mount Supports and Feeds

### Important Safety Instructions-Save these Instructions

Read all of these installation instructions before installing the trac system.

Do not install this trac in damp or wet locations.

Do not install any fixture assembly closer than 6" from any curtain or similar combustible material.

Disconnect electrical power before adding to or changing the configuration of the trac.

Do not attempt to energize anything other than lighting fixtures on the trac. To reduce the risk of fire or electrical shock, do not attempt to connect power tools, extension cords, appliances and the like to the trac.

Power to this trac system is to be supplied by either Juno 12V transformers (TL544N, TL547 (remote mounted only), TL548, TL549, TL550, TL554, TF5150, TF5300, TF5300-277, TF5600, TF5600-277, TF6150E, TF6300) or 24V transformers (TL551, TL552, TL553, TF5600-24V, TF5600277-24V, TF51200-24V, TF51200277-24V). Check with a qualified electrician before wiring trac. If 25 amps is exceeded anywhere in the installed trac system, an overload will occur, resulting in a potential fire.

These mounting kits are to be used with Juno TLR series trac systems only. Use only fixtures intended for use with Juno TL or TLR series trac. Save these instructions and refer to them when additions to or changes in the trac configuration are made.

#### TLR90

#### T-bar Pendant Stem Feed & Mechanical Support Mounting Kit

Provides mechanical support and electrical feed from a remote mounted transformer to TLR series trac when mounting to a T-bar ceiling.

**NOTE:** The total number of pendant suspension kits per section of trac must be as follows:

\* 2' (TLR2), 4' (TLR4) and 6' (TLR6) require 2 pendant mounting kits per section of trac.

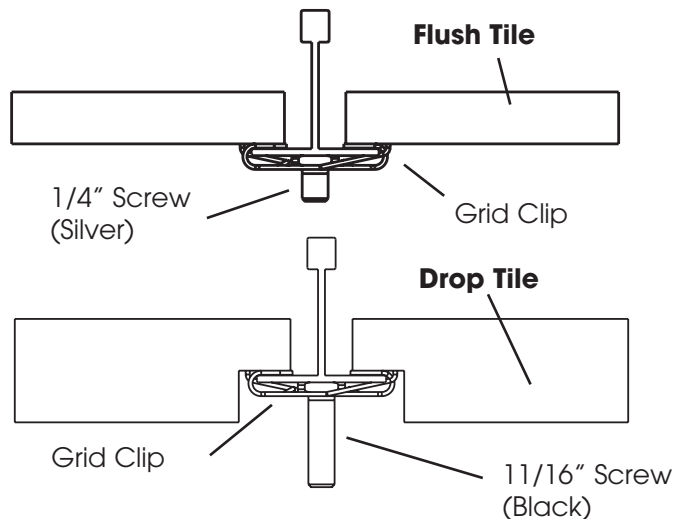
\* 8' (TLR8) requires 3 pendant mounting kits per section of trac.

1. Based on Figure 1, choose the proper screw that corresponds to what type of ceiling tile will be used, and insert the screw through the hole in the grid clip. Verify the screw is positioned so the forms in the grid clip prevent the screw from rotating.
2. Determine where on the T-bar ceiling the mounting kit will be installed. Press grid clip and screw assembly (from step 1) over the T-bar, and rotate until the grid clip locks into place.
3. Locate the circular mounting plate. If you will be using the TLR90 to feed the track, remove (1) of the knockouts for attachment of an electrical fitting.

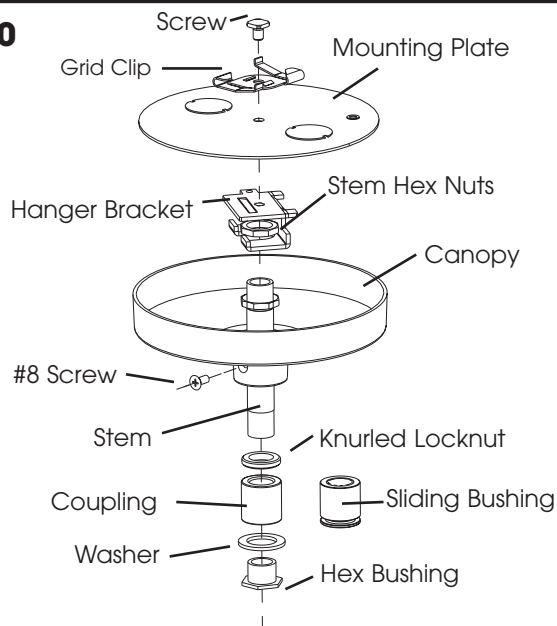
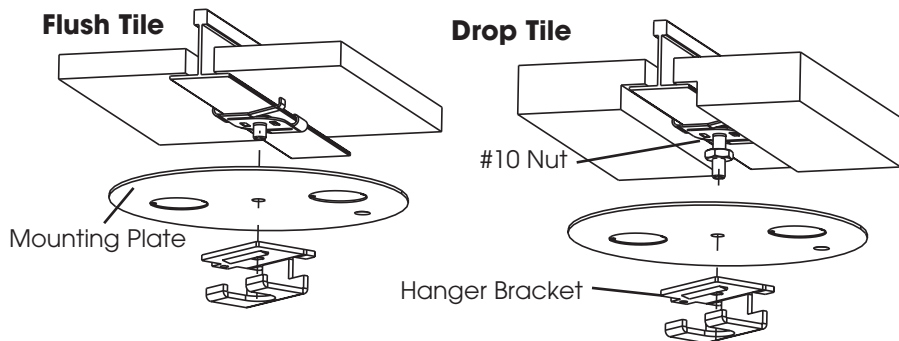
\* **For flush tile applications:** Slide the mounting plate (with knockout(s) facing up) over the silver screw/grid clip assembly. Secure the mounting plate by lining up the tapped hole in the hanger bracket with the silver screw, and rotate the hanger bracket until tight. Verify the mounting plate is positioned to allow attachment of the electrical fitting if applicable.

\* **For drop tile applications:** Thread the #10 nut about halfway onto the black screw, (installed in the grid clip). Slide the mounting plate (with knockout(s) facing up) over the black screw/grid clip assembly until it stops against the #10 nut. Adjust the #10 nut until the mounting plate is even with the bottom of the ceiling tile when slid into place. Secure the mounting plate by lining up the tapped hole in the hanger bracket with the black screw, and rotating the hanger bracket until tight. Verify that the plate is positioned to allow attachment of the electrical fitting if applicable.

Figure 1



#### TLR90



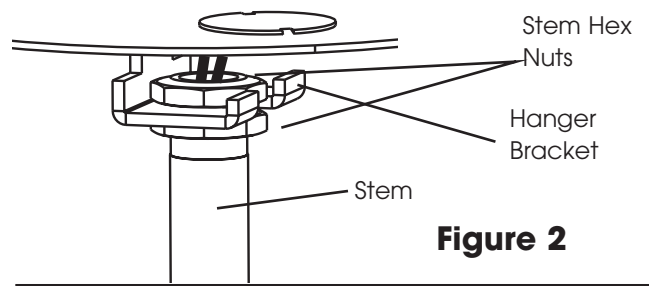
#### WARRANTY

Juno warrants that its products are free from defects in material and workmanship. Juno's obligation is expressly limited to repair or replacement, without charge, at Juno's factory after prior written return authorization has been granted. This warranty shall not apply to products which have been altered or repaired outside of Juno's factory. This warranty is in lieu of all other warranties, express or implied, and without limiting the generality of the foregoing phrase, excludes any implied warranty of merchantability. Also, there are no warranties which extend beyond the description of the product on the company's literature setting forth terms of sale.

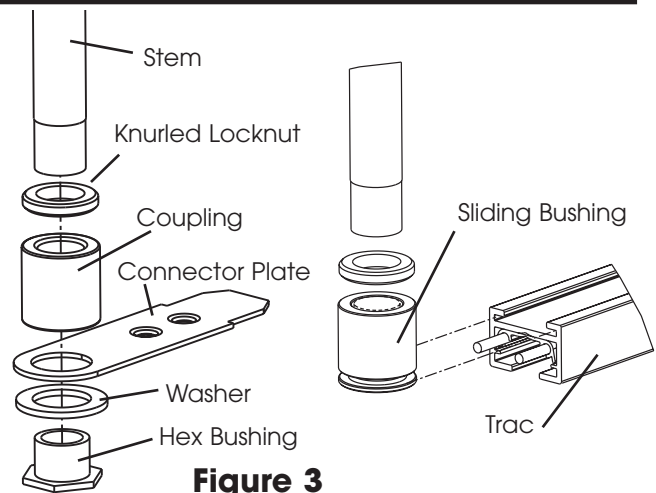
Product Services phone (888) 387-2212

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4. If using the TLR90 to feed the trac, cut away the ceiling tile above the knockout to allow clearance, bring the transformer secondary leads (using Local & National Code approved wiring methods) through the knockout in the mounting plate, and fasten the electrical fitting to the mounting plate. Verify that the lengths of the transformer secondary leads are at least 6" longer than the length of the stem.
5. Thread (1) of the stem hex nuts entirely onto the stem threads and the other stem hex nut approximately 1/8" onto the stem threads so that the top of the stem hex nut is flush with the top of the stem. (about 1/4" left between nuts). Feed the transformer secondary wires down the stem. Slide the stem into the open end of the hanger bracket so it is between the 2 stem hex nuts. Tighten the lower stem hex nut until tight while holding the stem in position. (see Figure 2)
6. Slide the canopy over the bottom end of the stem and slide up until it is flush with ceiling tile. Secure in place with #8 screw.
7. Determine if the trac will be supported from a TLR series connector or from the TLR series trac extrusion. Select the corresponding components according to Figure 3. The components that are not used can be discarded.
8. If fastening the TLR90 to a connector, make the mechanical connections as shown in Figure 3. Follow the instructions included with the connector for additional mechanical & electrical installation requirements. If fastening the TLR90 to the trac extrusion (support only), fasten the sliding bushing and knurled lock nut to the stem and slide to desired location on track (note: the small plastic grommet can be pushed out of the way by hand if it interferes with the sliding bushing).



**Figure 2**



**Figure 3**

## TLR91 J-Box Pendant Stem Feed & Mechanical Support Mounting Kit

Provides mechanical support and electrical feed from a remote mounted transformer to TLR series trac when mounting to an electrical junction box.

**NOTE:** The total number of pendant suspension kits per section of trac must be as follows:

- \* 2' (TLR2) and 4' (TLR4) require 2 pendant mounting kits per section of trac.
- \* 6' (TLR6) and 8' (TLR8) require 3 pendant mounting kits per section of trac.

1. Pull transformer secondary wires out of junction box & verify that wires are at least 6" longer than the length of the stem.
2. Attach the mounting strap/hanger bracket assembly to the junction box.
3. Thread (1) of the stem hex nuts entirely onto the stem threads and the other stem hex nut approximately 1/8" onto the stem threads so that the top of the stem hex nut is flush with the top of the stem. (about 1/4" left between nuts). Feed the transformer secondary wires down the stem. Slide the stem into the open end of the hanger bracket so it is between the 2 stem hex nuts. Tighten the lower stem hex nut until tight while holding the stem in position. (see Figure 2)
4. Slide the canopy over the bottom end of stem and slide up until flush with the ceiling. Secure in place with #8 screw.
5. Determine if the trac will be supported from a TLR series connector or from the TLR series trac extrusion. Select the corresponding components according to Figure 3. The components that are not used can be discarded.
6. If fastening the TLR91 to a connector, make the mechanical connections as shown in Figure 3. Follow the instructions included with the connector for additional mechanical & electrical installation requirements. If fastening the TLR91 to the trac extrusion (support only), fasten the sliding bushing and knurled lock nut to the stem and slide to desired location on track (note: the small plastic grommet can be pushed out of the way by hand if it interferes with the sliding bushing).

