

EUTRAC

REV DATE: 2-27-19



Installation Instructions



T-Bar Flange Installation: 198-50-0012-00 (White)

Recessed profile for 230/ 233 series track / Acoustical Ceiling Tile (New construction)

Before cutting profile or drilling, temporarily assemble track, end feed and track end cap and lay in profile to ensure proper measurements before cutting. *Add 3" to overall length of track when calculating length of profile to account for live end feed & end cap.* Track and accessories must be ordered separate from profile. Read all of the below installation instructions before installing EUTRAC track and accessories. Save all instructions to refer to when making any configuration changes. Like all EUTRAC installations when changing locations of fixtures, adapters must be unlocked and relocated to new location and locked back into track. Adapters cannot be slid along track to relocate. Profile and track must be cut with dry chop saw.

- 1) Slide feed in cap fitting (**198-00-0034-00**) onto profile. Slide feed fitting is required where ever power will be feeding through profile to make electrical connection.
- 2) Mark a center line drilling point on profile minimum 1 5/16" from edge of profile when connecting power to live end feed. Profile has a centerline groove that acts as a drilling guide. This will be the centerline point for the slide fitting to feed power through. ***If power is being brought through to another accessory other than the end feed, drill hole accordingly to that location and install feed in cap.***
- 3) ***If using "I" Coupler as the location for power to enter track be sure coupler location will not interfere with the mechanical couplers (3 per splice) or suspension clips before drilling any holes in track and recessed profile.***
- 4) Drill 7/8" diameter hole in profile to accept power. Deburr hole after drilling.
- 5) Secure slide fitting to track at two points with **198-13-0007-00**. Make sure fitting is aligned with 7/8" dia hole before securing. (See assembly drawing)
- 6) Install suspension elements (**198-00-0037-00**) on profile and secure with supplied **198-13-0007-00**. Recommend minimum one support every 16". (See drawing) One fastening point per suspension element to profile. Check all local building codes prior to installation for minimum requirements.
- 7) Secure profile with proper fasteners per application making sure profile will be level with finished ceiling. **(Fasteners for securing profile for installation provided by others)**



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- 8) Configurations with multiple lengths of track will be spliced with mechanical straight couplers (**198-00-0033-00 ordered separate**). *See drawing.* 3 mechanical couplers are required at each spliced joint and have 4 securing points each. (**198-13-0007-00 supplied**)
- 9) Feed power through the opening of the slide fitting and conduit clamp through hole drilled in profile. **Conduit clamps supplied by others.**
- 10) Remove live end feed cover and connect power to end feed or other fixtures that will be excepting power (IE: I Coupler)
- 11) Install cover back on live end feed after power source has been properly installed.
- 12) Make sure end feed does not extend past end of profile. Secure track to profile with supplied fasteners (**198-13-0008-00**). If the embossed mounting points on the track are not near the end feed or interfere with accessories, field drill a pilot hole within 1" from the end feed to secure track to profile. The end feed and end cap (**ordered separate**) for the track must be installed before securing the end caps on the recessed profile. Both ends of profile and track must be closed off, cannot remain open.

FASTENERS SUPPLIED FOR ASSEMBLY: Supplied fasteners are only for assembly of the profile / track. Fasteners are not supplied for the securing profile for installation. (**Supplied by others**)



198-13-0007-00: Set Screw / 198-13-0008-00 : Pan Head

198-13-0007-00: M#4 x 4 set screw used on the following sub assembly parts:

- **Suspension clip 198-00-0037-00:** 1 Fastener per clip
- **Mech Coupler 198-00-0033-00:** 4 Fasteners per coupler
- **Feed in Cap 198-00-0034-00:** 2 Fasteners per cap
- **End Cap 198-00-0035-00:** 2 Fasteners per cap

198-13-0008-00 : Phillips pan Head (M#5-16) are provided to secure track to profile. (**Hole dia. required 0.156" – 0.163"**) 5/32" drill bit.

Number of securing points required per track: **12' track:** 8 pts, **8' track:** 6 pts, **4' track:** 4 pts



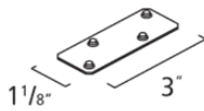
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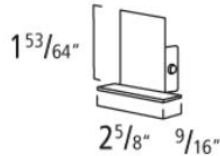
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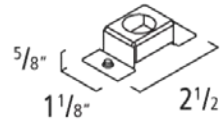
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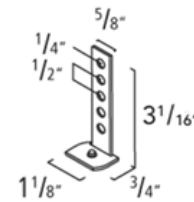
Mechanical Coupler
198-00-0033-00



End Cap
198-00-0035-00



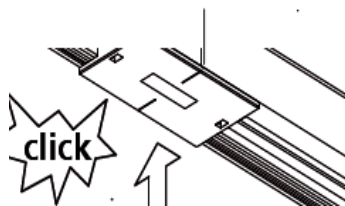
Feed in Cap
198-00-0034-00



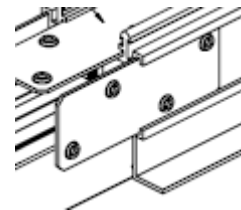
Suspension Clip
198-00-0037-00

When installing multiple pieces of track, straight couplers are required (**555-1-1206** or **555-2-1206**) to secure sections of track together. Diagram below shows **555-2-1206** coupler with data used on **233** series track.

Track should be secured to profile at a point as close to the splice of the track without interfering with the coupler. This is required to insure proper transfer of power and data from one section of track to the next. Track splice location may be located in areas located away from profile splice.



555-2-1206 Installed Straight Coupler



198-00-0033-00 Mechanical Couplers

Mechanical Couplers:

Three mechanical couplers (**198-00-0033-00 ordered separate**) are required at each spliced section of profile and each secured with 4 supplied fasteners. (**198-13-0007-00**)

Check the following:

- All ends of the track have been closed off with an end cap or end feed.
- All ends of the Profile have been closed off with end caps.
- Verify track is not sagging below profile. If track is sagging, signal may be interrupted and track is not properly secured to profile. Check track for proper installation to profile.



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