

SUBJECT:

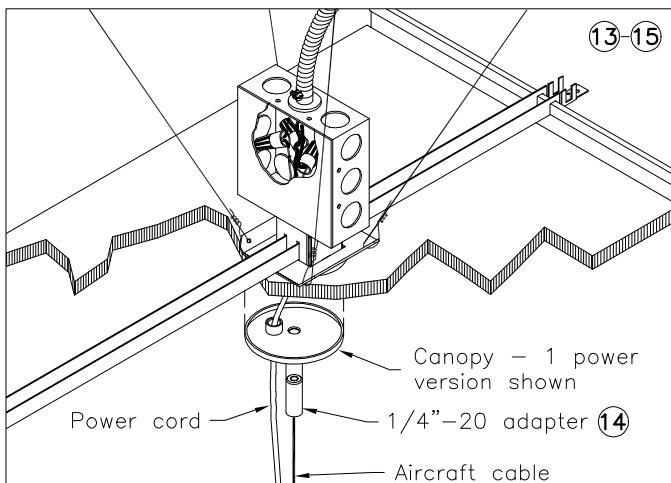
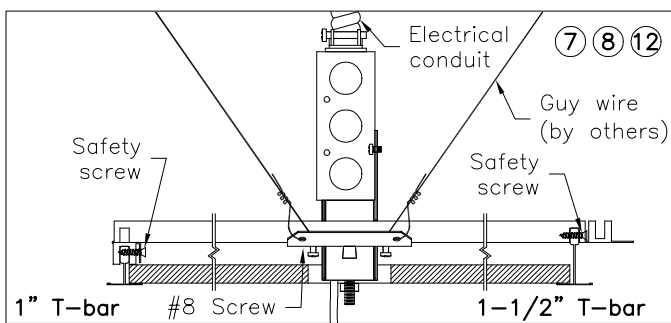
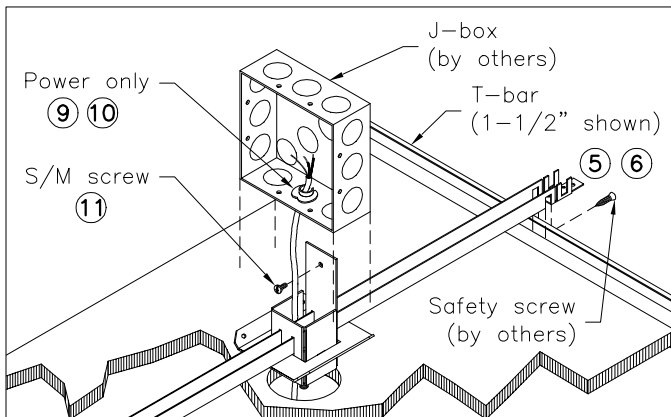
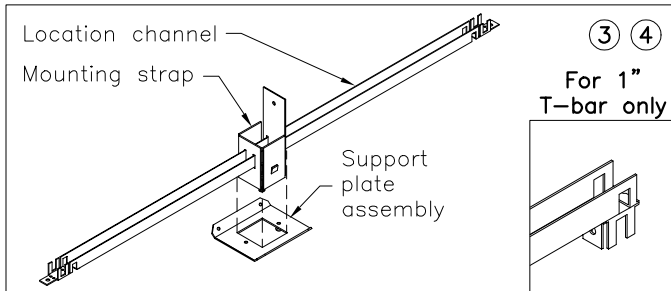
RACH-M5 NON-POWER/POWER
MOUNT, SEISMIC



INSTRUCTION SHEET

CAUTION: THE INSTALLATION AND SERVICING OF THIS PRODUCT SHOULD BE PERFORMED BY A QUALIFIED ELECTRICIAN OR SERVICE PERSONNEL

These installation instructions cover seismic requirements - UBC seismic Zone 4.0 with I=1.5.



- ① Attach four 12 gauge steel guy wires (by others) to substructure above. Guy wires should be angled at approximately 45° or less off the horizontal. Do not tie off loose ends until step ②.
- ② Drill a 2-1/4 inch diameter hole in ceiling tile at desired mount location using a hole saw. Ensure center of hole is minimum 2 inches away from edge of t-bar.

Note: This mounting system is designed to work with 1 inch and/or 1-1/2 inch t-bar systems. Determine specific application and follow appropriate instructions in step ③.
- ③ **For 1 inch T-bar** slide location channel through mounting strap, and fold tabs of location channel as shown.
- ③ **For 1-1/2 inch T-bar** slide location channel through mounting strap, and use location channel as shipped.
- ④ Snap support plate assembly past mounting strap tabs to bottom of location channel.
- ⑤ Through an adjacent tile, place mounting assembly over 2-1/4 inch diameter hole and adjust mounting strap to desired position. Once strap is aligned with mounting location, snap assembly to t-bar.
- ⑥ To secure location channel, screw a self-tapping metal screw (supplied by others) into t-bar at each end.

IMPORTANT
LOCATION CHANNEL IS DESIGNED TO LOCATE MOUNTING POINT, NOT TO SUPPORT FIXTURE.

- ⑦ From below installed mount, tighten the two #8 sheet metal screws, to bind location channel, mounting strap and support plate together.
- ⑧ **IMPORTANT:** Attach guy wires installed in step ① to support plate by threading free ends through corner holes and tightly wrapping wires around themselves a minimum of four turns.

For Power Versions Only:

- ⑨ Assemble j-box, strain relief connector, and power cord.
- ⑩ Feed power cord through mounting strap hole(s).
- ⑪ Fasten j-box assembly to mounting strap using a self-tapping sheet metal screw. (supplied by others)
- ⑫ Connect electrical conduit to j-box and make required electrical connections.
- ⑬ Insert and feed power cord through canopy hole(s).
- ⑭ Insert crimped end of aircraft cable through the 1/4"-20 adapter.
- ⑮ Secure canopy to mounting strap by threading the 1/4"-20 adapter onto mounting strap 1/4"-20 stud.

IMPORTANT: Fully tighten the 1/4"-20 adapter against mounting strap hex nut.
- ⑯ Support fixture sections just above the installed level. Insert free end of aircraft cable into fixture aircraft cable adjuster. After cable has been secured, carefully lower fixture until supported by cable.
- ⑰ If applicable, make appropriate power connections at fixture level.

ATTENTION
INSTALL IN ACCORDANCE TO NATIONAL AND LOCAL ELECTRICAL CODES AND BUILDING CODES.