

KBHF Trouble Shooting Guide

** System Length under 70m, no curves **

*****IMPORTANT: Always disconnect and lock out system from mains/power supply before performing any inspection or installation work *****

Layout Guide Lines:

Hanger Placement:

- First and Last Hanger – Must be placed at least 250 mm from end of system with a max distance of 500mm allowed.
- Fix point Hanger – 1x per system, centered approximately. All other hangers must be sliding
- Distance from joints – At least 250mm, max distance of 500mm allowed.

Joint Placement :



Incorrect Installation

- See installation instruction for step by step directions.
- Joint Cap – Ensure joint caps are installed correctly and engaged at top, side and bottom. (see photo)
- Placement – ensure hangers are placed in accordance with the minimum distance of 250mm and max distance of 500mm.

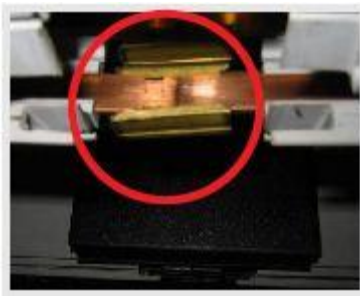
Conductor Bar Installation:



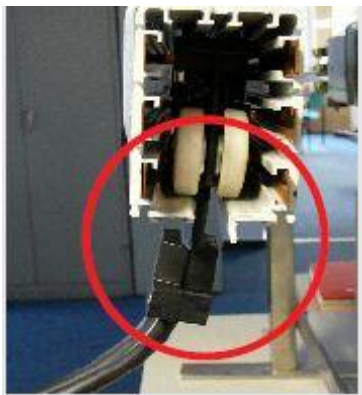
Incorrect Installation

- Visually inspect system to ensure no horizontal or vertical deviation. Conductor bar should be installed precisely aligned to the runway. (See photo)

Inspection:



- Visually inspect each joint to ensure proper connection and engagement of cap. Joint should be smooth and without any burr to avoid damage to collector brush. A max 2mm gap between copper strips is allowed. (See photo)



- Collectors – Ensure proper engagement of tow arm and no side forces are applied to collector. Loss of contact and damage can occur. Slowly hand pull a collector through length of system to identify trouble spots. Collectors should slide smoothly through system with minimal resistance. (See photo)