



Installation of Thermal-Flex Stock Rails & Crib Heaters

1. If the braces have been notched to install the heater behind them, skip steps 4 through 7 and install the rail heaters accordingly.

2. Rail Heaters are springy so be cautious when cutting the green ties. Carefully roll out the stock rail heater along the outside of the stock rail. Ideally, the heater should begin a minimum of 12” before the point. If the rear connector or a splice joint on longer systems ends over an obstruction, (**a track brace or splice bar**) move the heater forward enough to compensate for this.

3. Measure aluminum shield and insulation to fit between the braces. If the heater is to be installed on the outside of the braces leave approximately 1” space on each end to allow enough room for the heater bends. Cut the 1” legs, thin aluminum insert and insulation with hacksaw, then bend back and forth until the 3 ½” flat surface snaps. Cut another piece that will fit from the outside knuckle of the front connector to 1” before the first brace. **Cut out enough of the thin aluminum insert and insulation so that the entire connector will not be insulated.** The un-insulated part of the shield will hold the connector against the rail.

4. Hold the connector and first length of heater along the neutral axis of the rail and **gently** bend the heater out around the brace. Place the aluminum channel and insulation over the heater and secure with a few track clips. This is easily achieved by placing one hand under the bottom of the rail pushing the clip up. Firmly hit the heel of the clip with a hammer until it snaps in place.

5. The easiest way to make the bend on the opposite side of the brace, is to hold the heater about 3-4” past the brace and bend the heater out. This will make the second, or inside bend. Then **gently** push the heater into the rail.

6. Repeat steps 3 and 4 (**minus the connector**) until the entire stock rail heater is installed remembering **not to insulate the rear connector.**

7. The opposite stock rail heater is installed using the same procedure.

8. Crib heaters are centered under the rods with flat side facing up as noted on sticker. Be sure the heater **does not** come in contact with any part of the switch as this will cause shunting of the signaling system. The straps are then anchored to the sides of the ties with duplex nail fasteners. **Crib Heaters must be grounded to avoid possible shock.**

For additional assistance and/or questions, contact Thermal-Flex Systems, Inc.

(203) 484-2776

The information in this document is presented in good faith and is believed to be reliable. However, users should independently evaluate the suitability of each product for their specific application. Thermal-Flex makes no warranty as to the accuracy or completeness of the information &/ or illustrations, and disclaims any liability regarding its use. No warranty, is given, expressed or implied and in no case will Thermal-Flex be liable for any direct, indirect, incidental or consequential damage arising from use, misuse, sale or resale of this product. Thermal-Flex only obligations are those in the Standard Terms and Conditions of sale.

Thermal-Flex Systems, Inc. P.O. Box 3022 Branford, CT 06405
U.S.A