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# Technical Bulletin

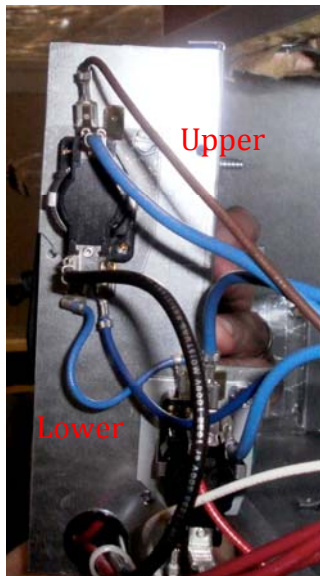
Heater Kits for MP series Air Handlers:  
 Repositioning of Upper Sequencer

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Due to the position of the upper sequencer in the MP series air handler's internal heater, it is possible for the foil backed insulation to make contact with the spade terminal of the upper sequencer. Figure 1 shows the sequencers' current position.

Figure 1.



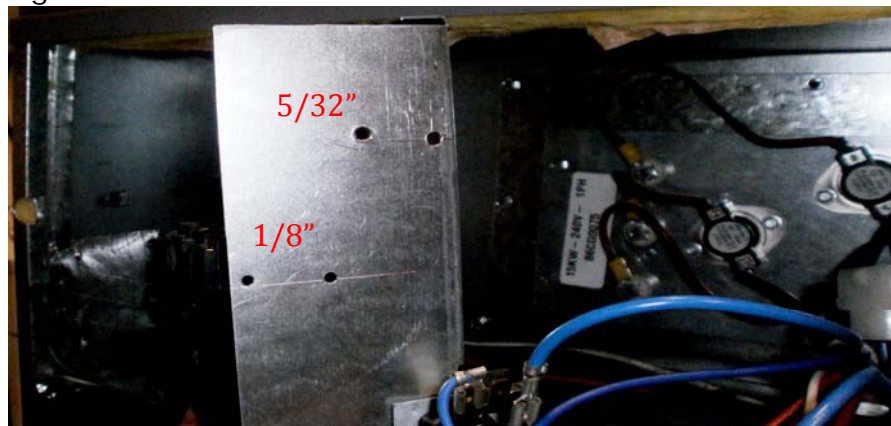
In order to reposition the upper sequencer the required tools are as follows:

- 1 – Drill
- 1 – 1/8" Drill Bit
- 1 – Marker/Scratch Awl
- 1 – 5/16" Nut Driver
- 1 – 5/32" Drill Bit

The process for repositioning the sequencer should be completed before installing the heater kit into the air handler. If the heater kit is installed on an existing unit the circuit breaker mounting plate with the circuit breaker(s) and sequencer(s) attached to the plate. The first step in the process is to remove the screw from the top sequencer. Then tilt the sequencer out away from the mounting plate and pull up towards the mounting screw hole. Once the sequencer is removed, the marker or awl should be used to mark a straight line back to the bend in the mounting

bracket from the screw hole and the hole for the mounting tab. New mounting holes should be drilled 3/4" back towards the bend in the mounting plate (Figure 2). The top screw hole requires the 5/32" drill bit and the bottom hole for the mounting tab requires the 1/8" drill bit.

Figure 2.



With the holes drilled, the sequencer can be mounted  $\frac{3}{4}$ " further back on the mounting plate utilizing the new mounting holes. The sequencer's mounting tab should be placed in the  $\frac{1}{8}$ " hole with the sequencer tilted away from the mounting plate. After the mounting tab is fully inserted, the sequencer's screw hole should be positioned over the drilled  $\frac{5}{32}$ " hole. Install the screw through the sequencer's screw hole and tighten the screw into the mounting plate. The final mounting location of the sequencer can be seen below in Figure 3. Once this is complete the MP series electric heater kit installation manual should be followed to complete the heater kit installation.

Figure 3.

