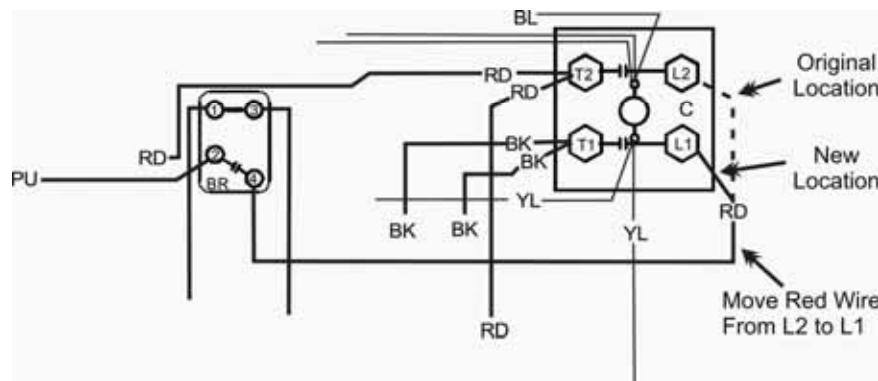


# Service Bulletin

**SP-030**

DATE: November 17, 2010  
 TO: All Service and Parts Managers  
 SUBJECT: GPH13 Internal Wiring Issue

After investigation it has been determined that there is an issue with the wiring in some GPH13 model package units built from September 1, 2010 (serial prefix 1009) to November 2, 2010 (serial prefix 1011) that have HKR heater kits installed. The issue is only on models listed below which are equipped with a PSC type indoor blower motor. The red wire from terminal 4 of the Blower Interlock Relay (BR on wiring diagram) is connected to L2 on the contactor (C on the wiring diagram) but should be connected to L1 on the contactor (See Figure 1). Under certain conditions, this could cause a failure of the relay on the PCBFM131 Blower Control Board (EBTDR on the wiring diagram) by welding the Normally Closed contacts closed.



**Figure 1**

The wiring diagram on the unit and in the literature also shows the red wire connected to L2 on the contactor but should be connected to L1 on the contactor. The affected models are listed in the charts below.

M Models	H Models
GPH1324M41AB	GPH1324H41AB
GPH1330M41AB	GPH1330H41AB
GPH1336M41AB	GPH1336H41AC
GPH1342M41AB	GPH1342H41AB
	GPH1348H41BB

All affected units in Goodman's inventory have been put on hold and are being reworked by moving the red wire from L2 to L1 on the contactor and installing an updated wiring diagram. These units can be identified by a tan dot on the traveler label.

Distributors should check their inventory for the models listed in the charts on the previous page and put on hold until they are reworked by moving the red wire from L2 to L1 and installing an updated wiring diagram (Part # 0140G01745). The diagram can be ordered from Service Parts by contacting your Customer Service Representative.

For units listed in the charts on the previous page in distributor inventory, Goodman will pay \$50.00 for each unit that requires reworking. For installed units listed in the charts above, Goodman will pay \$100.00 for each unit that requires reworking.

Claims **must** be filed on Service Bench as Service Bulletin SP-030, Authorization Code number **8700**. For installed units, the homeowner information including phone number must be included for all claims. **The claim for the part (wiring diagram) and claim for labor should be filed as one claim by submitting the claim using the "Dealers Service Bench ID #"**. Please consult the Warranty Department if you need assistance with this process. The claim will be paid upon review by the Warranty Department.

All claims for this program must be submitted by July 1, 2011.

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