

Service Bulletin

S027

**Technical Service
Department**

Issued: 9/28/2005
Revised: 9/30/2009
Expires: 9/30/2010

MANDATORY FIELD ACTION

SUBJECT: **Product Safety Recall.** Honeywell Fan Timer Board, ICP Part Number 1084197, when used in certain 10 SEER Entry Level Gas/Electric Packaged Units.

PRODUCT: The affected units are entry-level gas/electric package units with 3- and 5-ton cooling capacities manufactured between the 41st week of 2000 and the 26th week of 2003, inclusive.

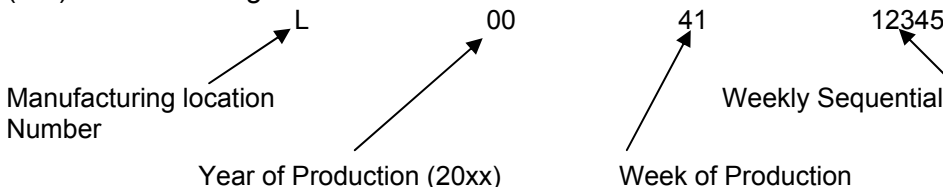
The affected model numbers and date codes are:

PGC(036,060)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)
PGF(036,060)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)
PGS(036,060)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)
GPFM(36,60)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)
GPCM(36,60)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)
GPSM(36,60)(K,H,L or S)(060,080,100 or 140)(A,B,C,D or E)

Serial number date code range will be in one of the following formats:

L0041xxxxx – L0237xxxxx
G0241xxxxx – G0326xxxxx
4102Gxxxxx – 2603Gxxxxx

The affected units were manufactured between calendar week 41 of 2000 and week 26 of 2003, at the Lewisburg, TN (denoted with an "L") or the Tyler, TX ("G") manufacturing facilities. The serial number is structured as follows:



REASON: In the above listed product only, a fire starting on the fan control board could escape from the unit. This potential safety hazard could result in property damage or personal injury resulting from fire.

The specific configuration of these small package products can allow a fire that starts on the control board to spread to the plastic motor capacitor, then to the foam block that separates the control enclosure from the area around the C-shaped condenser coil, to the plastic mesh coil guard, and eventually to any combustible material adjacent to the unit. **Only the above listed products meet these criteria.**

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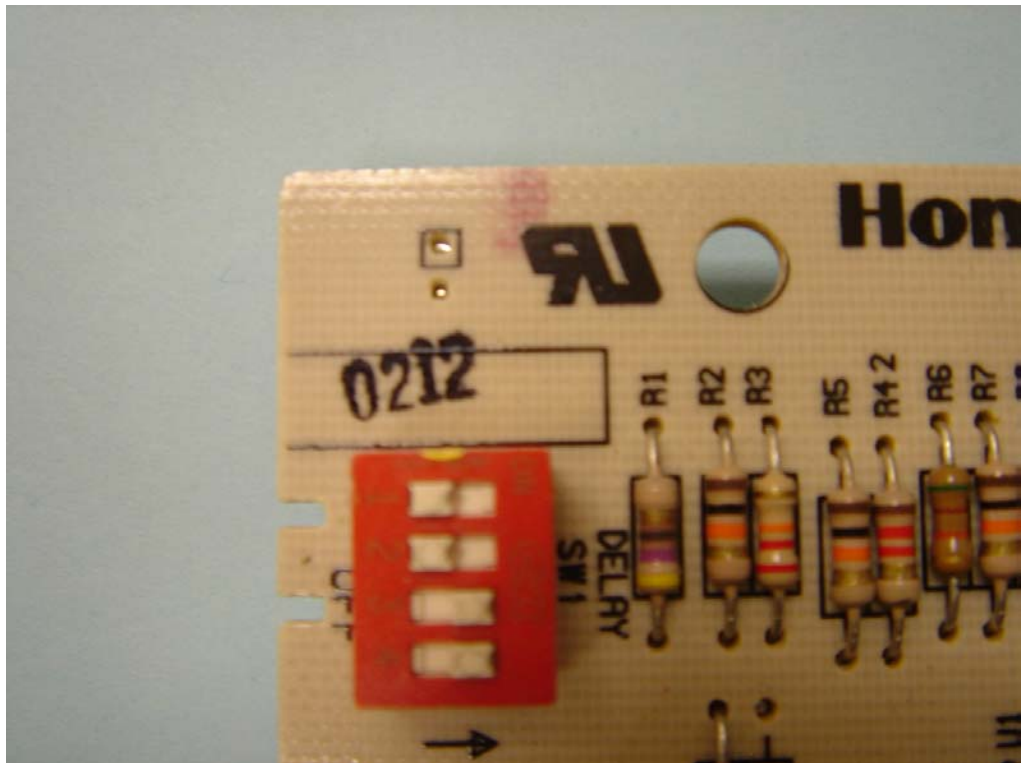
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There have been very few instances of property damage reported due to this condition. No injuries or deaths have been reported.

ICP has reported this matter to the U. S. Consumer Product Safety Commission (CPSC), Underwriters Laboratories, Canada (ULC) and the Technical Standards & Safety Authority of Ontario (TSSA).

ACTION: ICP, CPSC and Canadian authorities are requiring all products listed above to be located and corrected, whether installed or uninstalled. ICP is sending to each distributor a list of the individual units sold to the distributor to aid in product location.

If you encounter a unit that you think may already have had a new board installed, you can confirm by checking the date code on the board. Only fan control boards with a Honeywell date code of 0429 or older must be replaced. This date code marking is located on the corner of the fan control adjacent to the fan time on/off DIP-switch. Fan Controls with a date code of 0430 or newer have the new revisions and do not need to be replaced. Such units must be reported to ICP for tracking purposes. An example of this date code is shown in the picture below with a 0212 date code.



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The corrective action required by this bulletin is to replace the fan control board and the plastic outdoor motor capacitor with a new board and a metal capacitor supplied by Mainline. These parts will be included in one of four rework kits that are identified in the attached rework procedure, attachment A.

THE DISTRIBUTOR MUST:

1. Make sure that your dealers are aware of this issue and request that they continue to look for these units as defined in the Product section above.
2. Removed Parts from *installed* units are to be field scrapped at the distributor. **The distributor is required to fill out the attached DESTROYED BOARD CERTIFICATION (Attachment B) for all recovered boards and return to the address listed on the form. The warranty claim will be placed on hold until the DESTROYED BOARD CERTIFICATE is received.** ICP will audit these forms and follow up with the distributor for a complete listing of the serial numbers claimed under this service bulletin. File the claim under the ICP warranty system, using either a 751 claim form or the Atlas system.
3. Removed Parts from *inventory* units are to be field scrapped at the distributor. **The distributor is required to fill out the attached CREDIT REQUEST FORM (Attachment C), sign the certification and return to the address listed on the form.** ICP will audit these forms and follow up with the distributor for a complete listing of the serial numbers claimed under this service bulletin.

THE DEALER MUST:

1. Locate and rework all subject package units that have been installed in customer's homes or businesses using the correct rework kit. The kit installation instructions **MUST** be followed completely.
2. **REWORK** all subject-packaged units in their inventory.
3. Record all consumer, dealer and unit information for each reworked package unit. Provide to the distributor this information along with the removed parts. It is highly recommended that the dealer maintain a copy of this information for their records.

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ALLOWANCE: A. Installed Product - A labor allowance of \$130.00 USD or \$160.00 CAD will be provided upon a properly completed warranty form, either thru electronic means or the 751-claim form that includes the model and serial numbers matching the above listed product. Enter "S27D" in the CATTIP/Service Bulletin box located on the form. The homeowner name and address information must be included. Both the removed fan board and the capacitor are to be returned in the rework kit box to the distributor for credit. The distributor is to field scrap the returned parts. **ALL RETURNED CONTROL BOARDS ARE TO BE DESTROYED BY THE DISTRIBUTOR AND CERTIFIED TO ICP BY SERIAL NUMBER OF THE UNIT. The warranty claim will be placed on hold until the DESTROYED BOARD CERTIFICATE is received.** See Paragraph "3." in "The Distributor Must" Section above.

The work required by this bulletin is NOT covered by HELP® Extended Service Agreements. Do NOT submit a claim under a HELP® contract for this work; it will be rejected. All claims for work required under this bulletin should be submitted through the normal ICP warranty claims process.

B. To place orders for the kits, the distributor should fax their purchase order to their Mainline Equipment Account Manager. Each kit is \$1, which ICP will reimburse with the completed warranty information. ICP will ship the kits prepaid to distributors. To assure that adequate quantities remain available, these kits will be allocated based on the number of units shipped to the distributor as identified in the information packet.

If either the dealer or homeowner has any additional questions regarding this notice, they may call: **1-800-649-4706**

Attachment A

INSTALLATION INSTRUCTIONS Fan Timer Board & Plastic Capacitor Replacement (S027)

This kit is designed to replace the fan timer board and plastic capacitor for the selected A-chassis gas package products (L0041 through L0252, and G0226 through G0326, and 4102G through 2603G) listed below. **Please read these instructions completely before attempting installation.**

Kit Part No.	Use with A-chassis Gas Pack Model No.
S2736A1	PGC036K060, 080, 100 / GPCM36K060, 080, 100 PGF036K060, 080, 100 / GPFM36K060, 080, 100 PGS036K100 / GPSM36K100
S2760B1	PGC060K100C, D, E / GPCM60K100C, D, E PGC060K140 / GPCM60K140 PGF060K100C, D, E / PGFM60K100C, D, E PGF060K140C, D, E / GPFM60K140C, D, E PGS060K140E / GPSM60K140E
S2760A1	PGC060K100B / GPCM60K100B PGF060K100A, B / GPFM60K100A, B PGF060K140A, B / GPFM60K140A, B PGS060K140A / GPSM60K140A
S273PA1	PGF036H080, 100 / GPFM36H080, 100 PGF036L080, 100 / GPFM36L080, 100 PGF036S100 / GPFM36S100 PGF060H100, 140 / GPFM60H100, 140 PGF060L100, 140 / GPFM60L100, 140 PGF060S140 / GPFM60S140 PGS036H100 / GPSM36H100

Examine Kit to determine that the following parts are present with the replacement:

S2736A1	
PART DESC., PART NO.	QTY REQD
CIRCUIT BOARD, HW ST9120C5005	1
CAPACITOR, DUAL 440V 5+35MFD	1
CAPACITOR CLAMP, ROUND	1
SCREWS, SELF TAPPING	2
INSTALLATION INSTRUCTIONS	1
LABEL 331240-101 rev. A	1
S2760B1	
PART DESC., PART NO.	QTY REQD
CIRCUIT BOARD, HW ST9120C5005	1
CAPACITOR, DUAL 440V 5+55MFD	1
INSTALLATION INSTRUCTIONS	1
LABEL 331240-101 rev. A	1
S2760A1	
PART DESC., PART NO.	QTY REQD
CIRCUIT BOARD, HW ST9120C5005	1
CAPACITOR, DUAL 370V 5+60MFD	1
INSTALLATION INSTRUCTIONS	1
LABEL 331240-101 rev. A	1
S273PA1	
PART DESC., PART NO.	QTY REQD
CIRCUIT BOARD, HW ST9120C5005	1
CAPACITOR, 370V 5MFD	1
CAPACITOR CLAMP, OVAL	1
SCREWS, SELF TAPPING	2
INSTALLATION INSTRUCTIONS	1
LABEL 331240-101 rev. A	1

WARNING

FIRE, EXPLOSION, CARBON MONOXIDE POISONING HAZARD

Failure to follow this instruction exactly could result in property damage, personal injury and/or death.
This conversion kit shall be installed by a qualified service technician in accordance with the Manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. The qualified service agency person performing this work assumes responsibility for the proper conversion of this furnace with this kit.

WARNING

ELECTRIC SHOCK HAZARD/FIRE AND/OR EXPLOSION HAZARD

Failure to follow this instruction exactly could result in property damage, personal injury and/or death.
Turn OFF gas supply at manual gas valve before turning OFF electric power supply and starting Installation.
Turn OFF electric power supply at disconnect switch or service panel before starting installation

Disassembly & Installation

1. Turn off gas supply at manual gas valve.
2. Disconnect power to unit
3. Remove burner compartment door.
4. Using pliers, reach in between the condenser coil and division panel and compress the four plastic pins holding the fan control board to the division panel and while holding the control board pull each of the four pins back through the panel.
5. Holding the new board adjacent to the old board remove one wire at a time from the old board and reconnect to the same location on the new board.
6. Insert the four pins on the new board into the same holes that were used for the old board.
7. Using a 5/16" nut driver remove the clamp holding the plastic capacitor in place.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning may result in personal injury.

Capacitor could still hold charge. Short capacitor contacts together to relieve charge

8. Disconnect the wires from the plastic capacitor and reconnect to the metal capacitor.
9. Attach the new metal capacitor to the division panel with the original or the new clamp if needed.
10. Attach label, included in kit, above the pressure switch on division panel. Write installation date of new board on the provided lines of label.

Start-Up

Connect power to the unit and test in both heating and cooling modes for proper operation.

CAUTION

EQUIPMENT DAMAGE HAZARD

Failure to follow this Caution may result in equipment failure.

If any sparks, odors or unusual noises occur, immediately shut OFF the electric power to the unit. Check for wiring errors to the fan timer board and capacitor.

