

Procedure A: Checking Power Board 628661 Diagnostics Inputs and Outputs - H41X / M41X.3 / N51X.3 / N51X.3 / N62X / N82X Refrigerators

Turn ON Refrigerator and select the highest temperature setting.

1. At the same time, press and hold the TEMP SET and MODE switch buttons.
2. Release both buttons when 1 shows on the screen.

Screen [3] Action

The 3 turns off. After a short pause the screen displays the temperature.

Screen [1] Action

The 1 turns off. If no LEDs show on the screen after the [1] turns off, replace the control panel.

Screen [2] Action

The 2 turns off. The On LED remains lit. If any LED segments show on this screen after the screen number turns off, replace the control panel.

Screen [1] Action

- To move to the next screen, press and release the MODE switch button.
- To return to a previous screen, press and hold the MODE switch button.
- To exit Diagnostics, turn the refrigerator OFF and back ON.

Screen [4] Action

Screen 4 displays the fault history stored in non-volatile memory. After the screen number turns off, the fault history LEDs display. The position of the LEDs identify recent fault items.

Screen [5] Action

Screen 5 displays the fault history stored in non-volatile memory. After the screen number turns off, the fault history LEDs display. The position of the LEDs identify recent fault items.

Screen [6] Action

Screen 6 is used to clear stored fault history. After the screen number turns off, the letters [E] and [I] show on the screen.

To erase fault history:

1. After the letters [E] and [I] display, press and hold the TEMP SET switch button until the letters [E] show on the screen.
2. Allow the letters [E] and [I] to display for five seconds, then press and hold the TEMP SET switch button until the letters [E] and [I] show on the screen.

Screen [7] Action

Screen 7 shows active inputs to the power board. After the screen number turns off, the position of the LEDs indicate active inputs to the power board.

Screen [8] Action

Screen 8 shows active power board outputs. After the screen number turns off, the power board output LEDs display. The position of the LEDs indicate active outputs to the power board.

Screen [9] Action

Screen 9 shows DC voltage input to the power board. After the screen number turns off, the LED segment that displays identifies the DC voltage input to the power board.

Screen [8] Action

Screen 8 shows active power board outputs. After the screen number turns off, the power board output LEDs display. The position of the LEDs indicate active outputs to the power board.