



Service Bulletin

Replacement of the Ice Maker Solenoid Water Valve

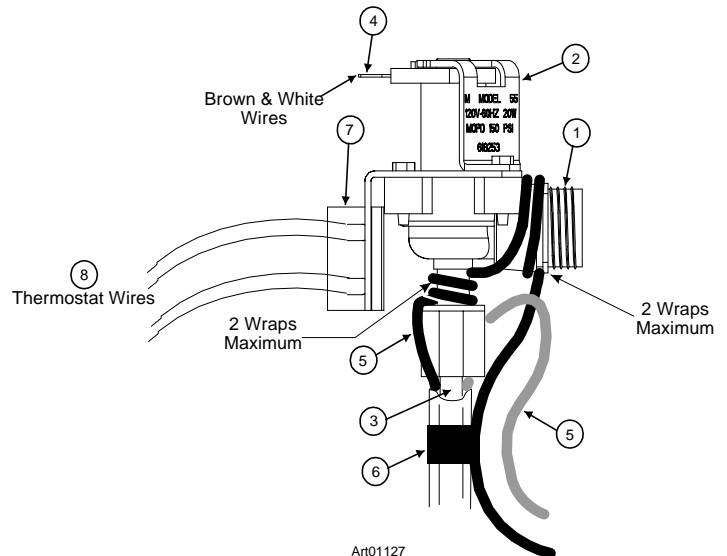
Models 1200LRIM, N641IM, N641.3IM, N841IM & N841.3IM

When the ice maker has a water line heater and if you must replace the solenoid water valve, please use these instructions.

Remove the existing solenoid water valve:

- Turn off and remove the water supply line [1] from the solenoid water valve [2] at the rear of the refrigerator (See Art01127).
- Turn off and remove the 1/4 inch ice maker water line [3] from the solenoid water valve.
- Remove the brown and white wires from the terminals [4] of the solenoid water valve.
- Remove one white wire [5] of the water line heater from the connection of the short black wire of the Y-Jumper at the power board.
- Remove the remaining white wire [5] of the water line heater from the brown wire [8] of the line heater thermostat.
- Remove the tape [6] that attaches the wire of the water line heater to the ice maker water line.
- Carefully unwind and remove the wire of the water line heater from the solenoid water valve.
- Remove and keep thermostat from water valve.
 - Do not discard. Save and install on replacement water valve.
- Remove and keep the two screws that attach the bracket [7] to the rear of the refrigerator.
 - Do not discard the screws.

- Connect the remaining white wire [5] of the water line heater to the brown wire [8] of the line heater thermostat.
- Connect the brown and white to the terminals [4] of the solenoid water valve.
- Install the 1/4 inch ice maker water line [3] to the solenoid water valve.
- Install the water supply line [1] to the solenoid water valve [2] at the rear of the refrigerator. Turn on water supply to solenoid water valve.



Install the replacement solenoid water valve:

- Assemble the replacement solenoid water valve to the rear of the refrigerator with two screws.
- Attach the thermostat to water valve.
- Carefully wind the longer wire of the water line heater around the solenoid water valve (2 wraps maximum).



CAUTION: Make sure that the wire of the water line heater is wound around the solenoid water valve in a single layer only (See Art01127). If the wire of the water line heater makes an overlap, damage to the solenoid water valve can occur.

- Apply tape [6] around the wire of the water line heater and the ice maker water line to hold the wire in the correct position around the solenoid water valve.
- Connect one white wire [5] of the water line heater to the connection of the short black wire of the Y-Jumper at the power board.