

Instruction Sheet: Retrofitting a New Compressor into Older SureShot Models

The original compressor used in SureShot refrigerated dispensers has been discontinued by the manufacturer and replaced with one that is more energy efficient. The new compressor is not directly interchangeable with the older model because it requires some additional electrical components and wiring. Older SureShot dispensers, therefore, require some minor modifications to install the new compressor. This instruction sheet describes the steps required for the retrofit.

1. Turn off and unplug the dispenser.
2. Remove the back panel cover from the dispenser.
3. Disconnect and remove the old run capacitor ($12\mu\text{F}$) from its location to the right of the compressor (viewing the dispenser from the rear).
Note: The run capacitor's location may vary depending on the model being serviced.



4. Remove the old compressor and install the new one using standard replacement techniques. This must be performed by a qualified refrigeration technician. The compressor itself has the same footprint and tubing connections as the old one and therefore can be installed into the same location and mounting arrangement without modification.
5. Add the capacitor bracket complete with start and run capacitors as shown at right and tighten down. Once this is done, then you can start installing the rear-left compressor mounting nut and washer (closest nut and washer on the right when viewing the dispenser from the rear). The washer may be omitted if desired.



6. Make the following electrical connections as described below and shown at right.
 - a. Connect the long orange wire of the existing power harness to the short orange wire on the cylindrical start capacitor.
 - b. Connect the short orange wire of the existing power harness to the new $10\mu\text{F}$ run capacitor.
 - c. Connect the yellow wire of the existing power harness between the new $10\mu\text{F}$ run capacitor and the upper left terminal on the compressor.
 - d. Connect the blue wire from the start capacitor to the lower right terminal on the compressor.
 - e. Connect the long orange wire from the start capacitor to the upper right terminal on the compressor.
 - f. Connect the white wire of the existing power harness to the top center terminal on the compressor.



If you have any questions or concerns while performing this procedure, please contact the SureShot Solutions Technical Assistance Center by phone at 1-888-777-9990 or e-mail at service@sureshotsolutions.com. Find other helpful instruction sheets and videos on our website: www.sureshotsolutions.com.

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7. Attach the new wiring schematic decal over the old one on the back panel. Be sure you have the correct decal for the type of dispenser being serviced: M-06-026 for dispensers **without** the side display/control configuration, M-06-190 for dispensers with the side display/control configuration.
8. Replace the back panel cover.
9. Plug in the dispenser's power cord and turn on the dispenser using the power switch.

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