



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

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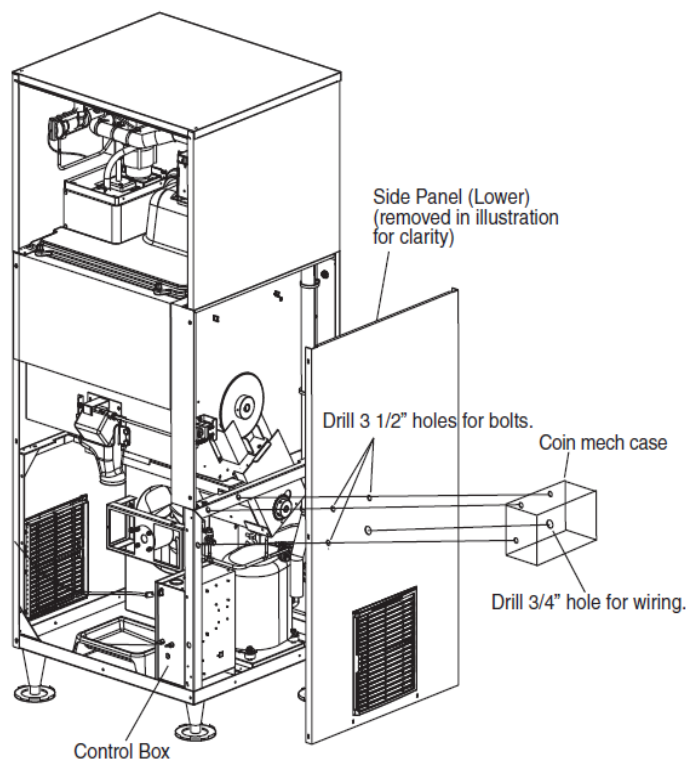
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**SUBJECT: Installation of Monarch Coin Mechanism on DB & DKM Models**

*(Note: The Monarch coin mechanism is no longer offered through Hoshizaki)*

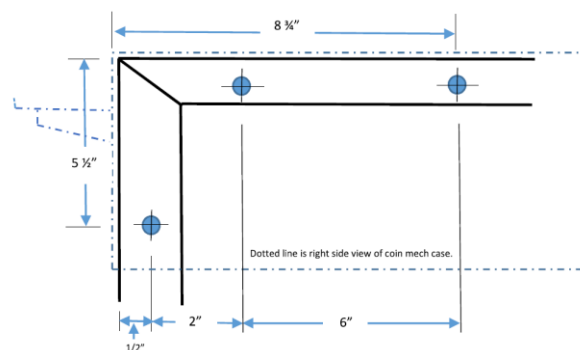
The #444 Monarch Coin Mechanism (CM) is a universal assembly that can be used on many different applications. When added to the DB or DKM, it is used to time the ice dispense. It can be mounted from the right, left, top or bottom of the CM case. There are no mounting holes provided so the installer must lay out and drill the mounting holes for their specific application. The DB and DKM models will be mounted the same since they use the same frame assembly.

Hoshizaki recommends a 3 bolt mount to the base frame on the right side of the DB or DKM unit for strength and security. The installer will need to lay out matching bolt mounting holes in the frame, panel and case and 1 additional hole for the wiring in the panel and case. Mounting on the panel only will not support the weight or normal use of the CM without panel damage and will not provide security.



Materials needed:

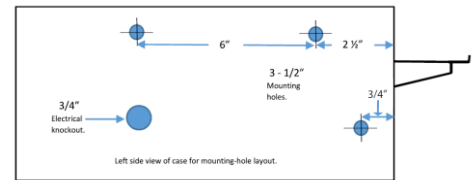
1. 3 - 3/8" x 3/4" bolts, nuts and washers
2. 1/2" box connector.
3. 24" 16 gage Brown wire (1 spade connector)
4. 24" 16 gage White wire (1 spade connector)
5. 24" 16 gage Black wire (2 spade connectors)
6. 3 wire nuts.



Frame mounting hole layout

## Steps for installation.

1. Disconnect the power supply and remove front panel and right side panel.
2. Lay out mounting holes on frame as shown in the layout illustration above and drill 1/2" frame holes.
3. Replace side panel and mark mounting holes from inside frame.
4. Remove side panel and layout 3/4 hole for electrical and drill holes in side panel.
5. Lay out holes in case as shown. (Disassemble the CM case to protect internal parts when drilling mounting holes.)
6. Drill holes in the steel CM case.
7. Remount the right side panel.
8. Place the bolts inside the CM case, through the panel and frame and tighten.
9. Place the box connector through the panel and case and secure the panel to the case with the lock nut.
10. Route the 3 wires from the CM case to the inside of the dispenser with the spade connectors for brown and white wires inside the case.



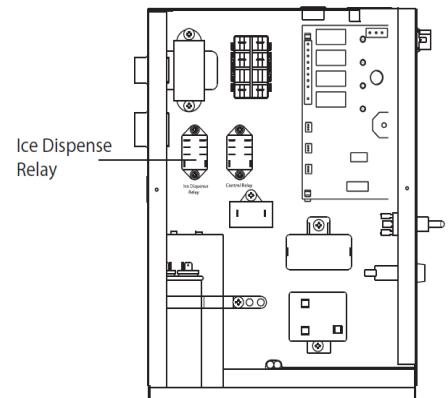
CM mounting holes

## Wiring for DKM controls:

1. Remove the DKM control box cover and route the wires from the case to the inside of the control box.
2. Remove connector from terminal # 8 of ice dispense relay. Cut off connector and connect to brown wire.
3. Connect the white wire to any white neutral bundle.
4. Connect the black wire to # 8 terminal of the ice dispense relay.

## Wiring for DB controls:

1. Locate the brown wire that is routed to the push button switch assembly.
2. Cut this brown wire and connect the black wire to the end routed to the switch assembly.
3. Connect the end from the power supply junction box to the brown wire from the coin mech.
4. Connect the white wire from the CM to any white wire bundle.

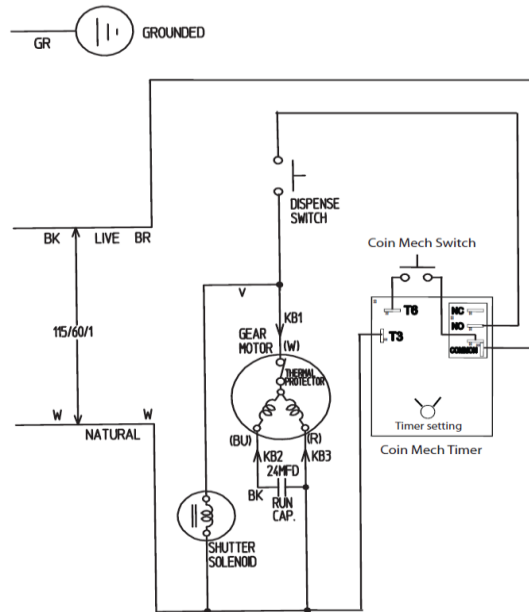


Reassemble the CM and make the following connections to the coin mechanism timer.

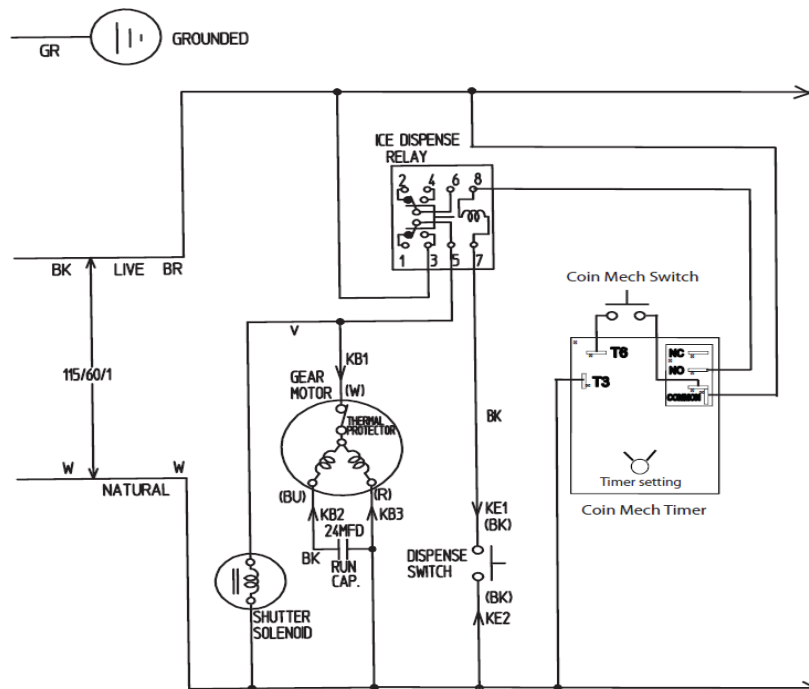
- A. Connect the black wire to the NO terminal.
- B. Connect the white wire to the # 3 terminal.
- C. Connect the brown wire to the C terminal.

Replace the dispenser front panel, set the CM timer to the desired dispense setting (15 seconds is standard). Reconnect power and test operation.

**Wiring for Monarch Coin Mechanism on DB and DKM Models.**



**DB dispenser with Coin Mech.**



**DKM-500BAH with Coin Mech.**

If you have any questions please contact Technical Support at [Techsupport@hoshizaki.com](mailto:Techsupport@hoshizaki.com) or 1-800-233-1940.