

DuroZone®

35139 BUSHING & MOTOR REPLACEMENT INSTRUCTIONS

RM-MB - FOR USE WITH MULTI BLADE ZONE DAMPERS

- 1- Prior to replacing your current damper motor, be sure to turn off all incoming electrical power.
- 2- As the wires are disconnected from the current motor, note the appropriate terminal numbers.

STEPS-3 & 4 ARE ONLY IF THE CURRENT BUSHING NEEDS TO BE REPLACED; IF THE COLOR IS YELLOW, THE CURRENT BUSHING MUST BE REPLACED WITH THE NEW BLACK BUSHING SUPPLIED.

- 3- Remove and discard the current **Screw** securing the Drive Link. Rotate the Drive Link up and out of the Drive Bushing (** NOTE ARROWS). Do not discard the Drive Link.
- 4- Remove the existing Drive Bushing and replace it with the new Bushing enclosed. Replace the Drive Link and secure it as before with the Screw provided.
- 5- **VERY IMPORTANT:** The Drive Link Pin is oriented closest to the Damper Frame to ensure that the damper blades are in the closed position prior to installing the replacement motor.

NOTE: FAILURE TO FOLLOW STEP-5 WILL RESULT IN THE DAMPER MOTOR BEING OUT OF PHASE.

- 6- If the Terminal Identification Label currently on the damper does not appear as shown below, place the enclosed label directly over the existing one.
- 7- Snap the Replacement Motor in place securely and re-attach the wires according to the existing label or as noted in step-2.

3	4	2	1
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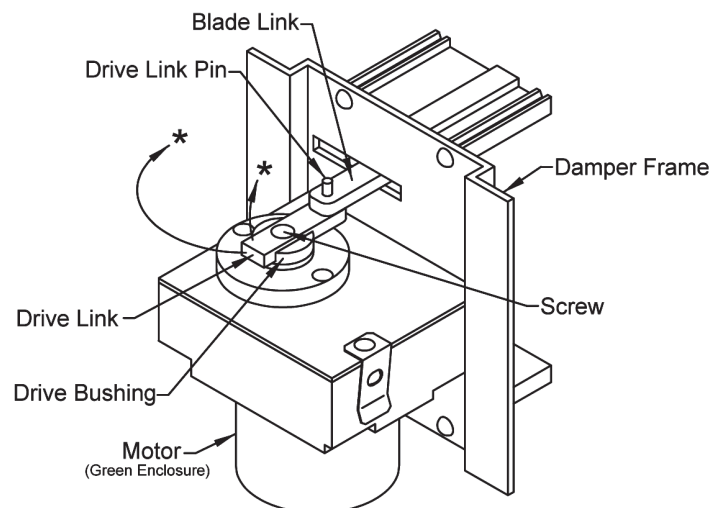
TERMINAL IDENTIFICATION

Terminals 1 & 2: 24-volt input

Terminals 4 & 2: Thermostat Connections-
Closing 4 & 2 will open the damper.
Opening 4 & 2 will close the damper.

Terminal 3: End Switch-
Connecting an equipment relay across 1 & 3 of the damper motor will activate the relay when the damper is open.

LED Indicator:
Bi-Color LED indicates Red when the damper is closed & Green when the damper is open.



** Drive Link removal directional arrows