

INSTRUCTIONS



Carrier

A United Technologies Company

Page 1 of 2



99TA526452 (for RCD use only)

Instruction Sheet Number: **99TA526452**

Description: Actuator Motor Replacement Kit

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Part Number: 48EJ680007

Instructions for Replacing the Actuator on unit models 48/50A2/3/4/5 020-060 Design Level "1/2" for units with Serial# Previous to 2913U..... , 4850AJ/K/W/Y 020-060 Design Level "1" and 50EJ/WQ024-028 Design Level "1" rooftop units. Kit is intended for use with Damper Asy's 48EJ403624 & (48EJ402975 Units with Serial# Previous to 2606U.....)

Required parts: MicroMetl kit part number: KIT-CNQST-ACTMNT

Included in this kit are the following parts:

<u>Description</u>	<u>Part Number</u>
Motor Mount Bracket	48EJ502574 (Revision D or later.)
Damper Actuator	HF23BJ065

General: This kit allows the listed economizers that use the HF23BJ050 actuator, which is no longer available, to be replaced by the new HF23BJ065 actuator. Because the size of the actuators and the mounting footprints are different, a new motor mount bracket is also required.

Instructions:

1. Disconnect all power to economizer and HVAC unit. Follow all local and other applicable codes. Outside air hood filters can be removed to allow for more access into the economizer area.
2. Open filter access door into return air / economizer compartment.
3. Unplug the actuator from the economizer harness.
4. Loosen the (2) nuts on the actuator's drive rod bracket.
5. Remove the (4) screws holding the existing motor mount to the economizer.
6. Remove the existing motor mount, with the existing actuator attached, from the economizer.
7. Insert the new motor mount, with new actuator attached into economizer. New motor mount will screw to economizer with the same (4) screw locations.

8. With outside air damper completely closed, tighten the (2) nuts on the new actuator's drive rod bracket, locking the drive rod into place on the actuator.
9. Re-connect the plug on the new actuator to the economizer harness.
10. Apply power to economizer and test cycle making sure damper opens and closes completely. Adjust drive rod bracket if necessary.
11. Reinstall outside air hood filters if removed.

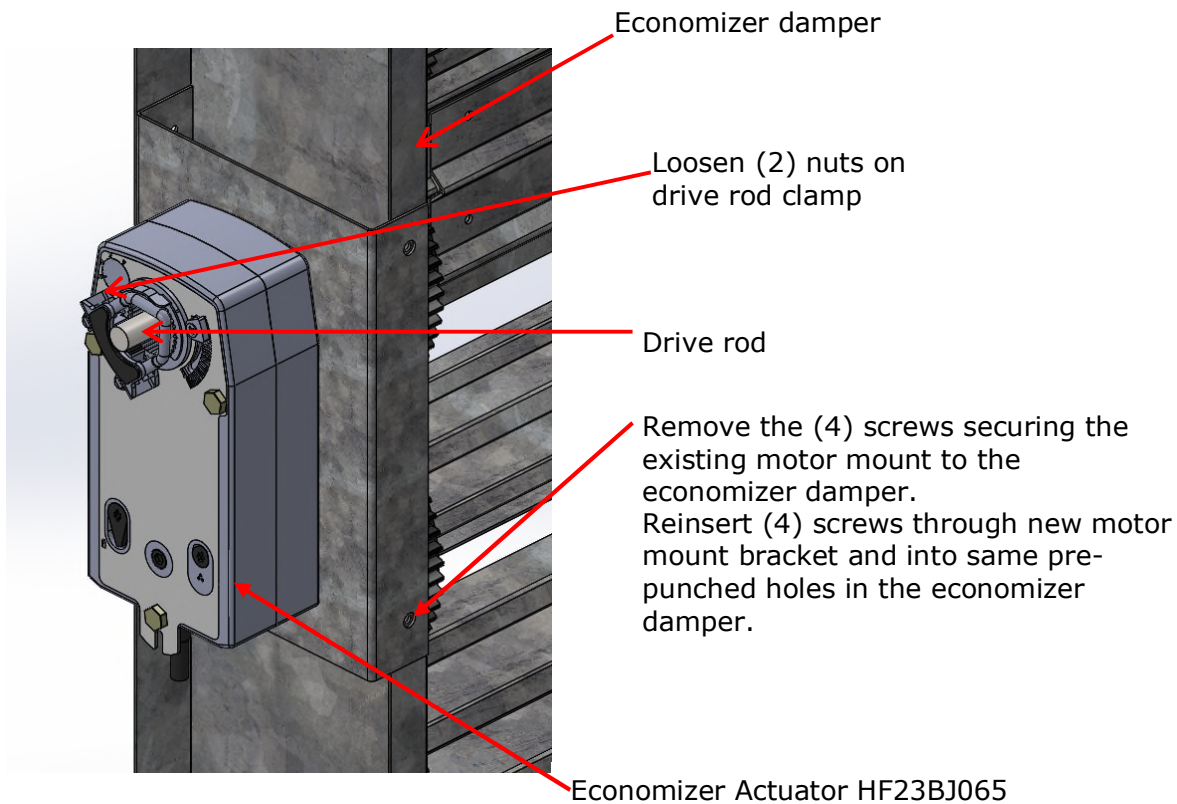


Figure 1 – Economizer Actuator Replacement