INSTRUCTIONS

Carrier
A United Technologies Company

99TA526447 (for RCD use only)

Instruction Sheet Number: **99TA526447**

Description: Actuator Replacement Kit

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Part Number: 48ZZ680012

Instructions for Replacing the Actuator on 48ZZ401274 AND 48ZZ401282 Economizers

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

Included in this kit are the following parts:

Description	Part Number
Motor mount	EC042
Damper actuator	HF23BJ065
Mounting screws	(4) ¼"-14 x 5/8"

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 is also required.

Instructions:

1. Disconnect all power to economizer and HVAC unit. Follow all local and other applicable codes.
2. Unplug the actuator from the economizer harness.
3. Remove access door and panel to gain access the economizer actuator.
4. Loosen the (2) nuts on the actuator's drive rod bracket.
5. Drill out the rivets securing the existing motor mount to the economizer frame.
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. Screw new motor mount to the economizer frame through the rivet holes.
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. 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 unit panels and doors.

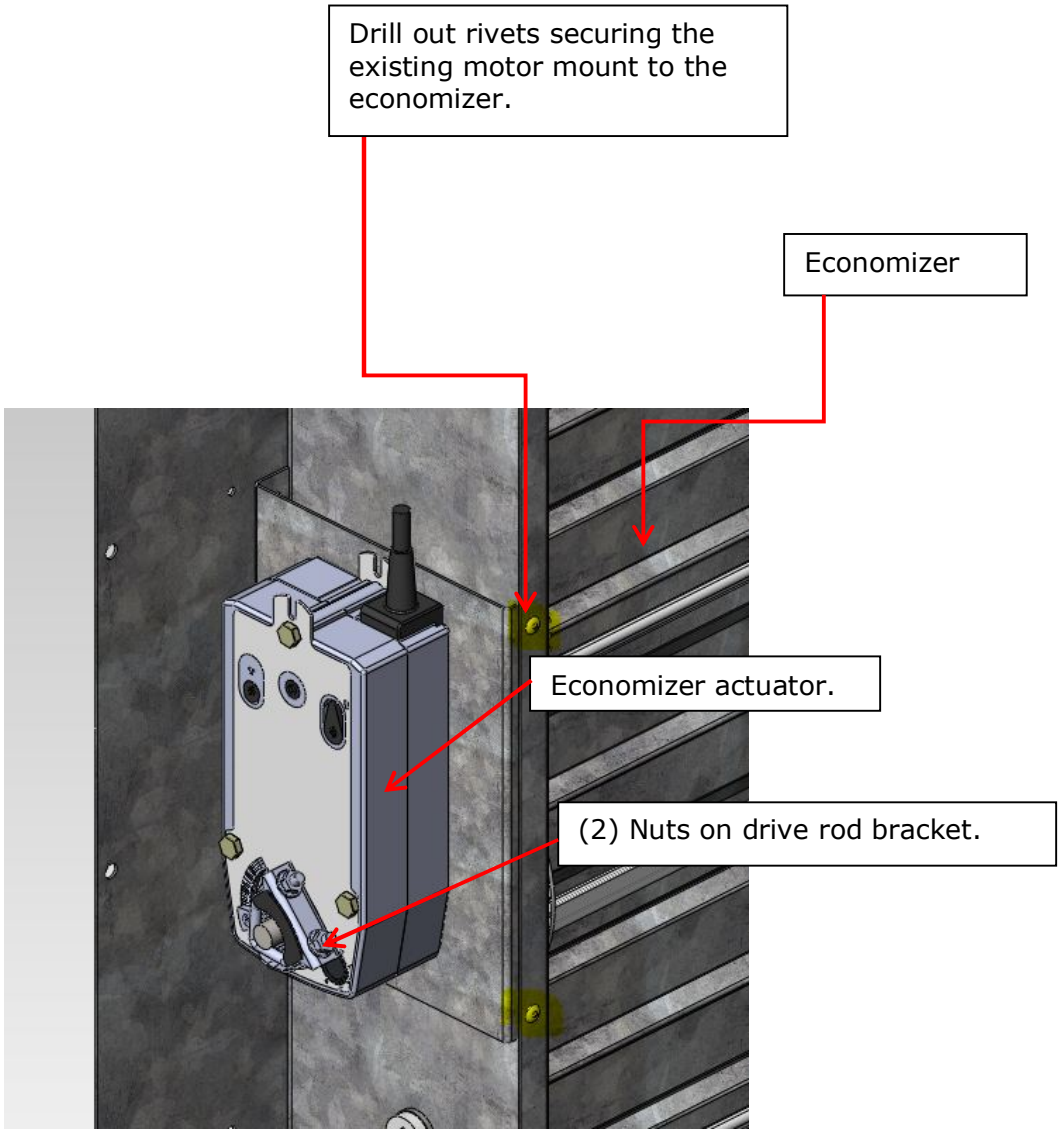


Figure 1 – Economizer Actuator