INSTRUCTIONS

Carrier
A United Technologies Company

99TA526446 (for RCD use only)

Description: Actuator Replacement Kit

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Part Number: 50TG680032

Instructions for Replacing the Actuator on 50TG500495, 50TG500496, CRECOMZR009E00, CRECOMZR011E00, CRECOMZR046A00, DNECOMZR046A00, CRECOMZR047A00, DNECOMZR047A00, and 7201-28 Economizers

Required parts: MicroMetl kit part number: KIT-0651-ACTMNT
Included in this kit are the following parts:

Description	Part Number
Motor mount	0651006
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 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 outside air hood to access the economizer actuator.
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.
   Insert the new motor mount, with new actuator attached into economizer. New motor mount will screw to economizer with the same (4) screw locations.
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. 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 on economizer.

Remove the (4) screws securing the existing motor mount to the economizer.

Economizer

Economizer actuator

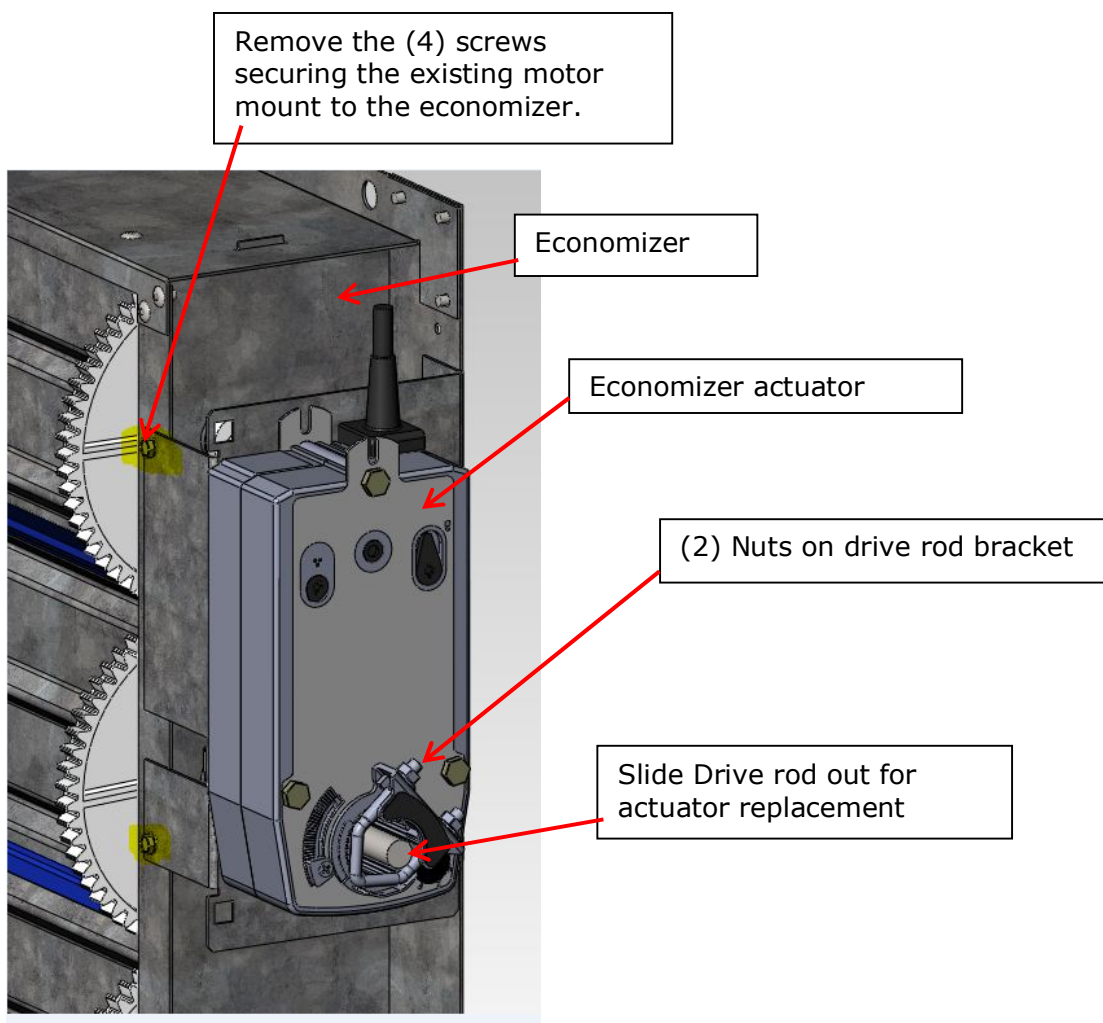(2) Nuts on drive rod bracket

Slide Drive rod out for actuator replacement

Figure 1 – Economizer Actuator Replacement