

# INSTALLATION INSTRUCTIONS

## RUN-STOP-JOG SWITCH Kit (Part No. 8889)

### for KBAC-217 Series and KBAC-416 Series Drives

 **SAFETY WARNING! Please read carefully before proceeding.**

This product must be installed and serviced by a qualified technician, electrician, or electrical maintenance person familiar with its operation and the hazards involved. Proper installation, which includes electrical connections, fusing or other current protection, and grounding, can reduce the chance of electrical shocks, and/or fires, in this product or products used with this product, such as electric motors, switches, coils, solenoids, and/or relays. Do not use this drive in an explosion-proof application. Eye protection must be worn and insulated adjustment tools must be used when working with drive under power. This product is constructed of materials (plastics, metals, carbon, silicon, etc.) which may be a potential hazard. Proper shielding, grounding, and filtering of this product can reduce the emission of radio frequency interference (RFI) which may adversely affect sensitive electronic equipment. It is the responsibility of the equipment manufacturer and individual installer to supply this Safety Warning to the ultimate end user of this product. (SW 8/2012)

Be sure to follow all instructions carefully. Fire and/or electrocution can result due to improper use of this product.

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**Tools required: Hex wrench (supplied), pliers, and wire cutters.**

#### DESCRIPTION

The Run-Stop-Jog Switch Kit is designed to be installed on the front cover of the KBAC-217 Series and KBAC-416 Series drives. It is used to provide selection between the Main Speed Potentiometer setting or a momentary jog speed, which can be used to index a machine into position. The switch contains three (3) positions:

1. "Run" – The switch is placed in this position when the control output is to be set using the Main Speed Potentiometer.
2. "Jog" – Used to provide a low speed output. This position is spring loaded so the switch must be held. The jog speed can be changed using the JOG trimpot located on the drive.
3. "Stop" – Used as a resting position when the Jog function is used. The motor will stop when in this position.

#### MOUNTING (See Figure 1)

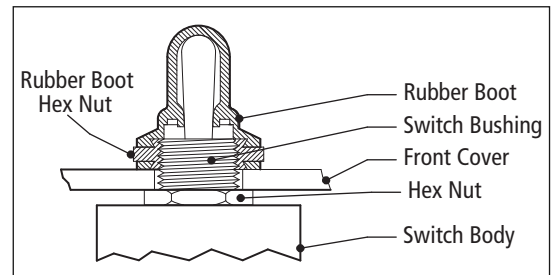
 **WARNING!** Make sure that the AC line is disconnected before installing the Run-Stop-Jog Switch Kit.

1. Remove the rubber hole plug from any available position. Use the Hole Plug Removal Instructions that are provided.
2. Mount the switch assembly into the front cover making sure the key in the mounting hole lines up with the keyway in the switch bushing. See Figure 1.  
Use the Run-Stop-Jog label that is provided to cover the text around the mounting hole.
3. Install the rubber boot with integral hex nut over the switch lever. Switch should be in the stop position to facilitate installation. Use the Hex wrench that is provided to tighten the rubber boot hex nut. Do not overtighten.

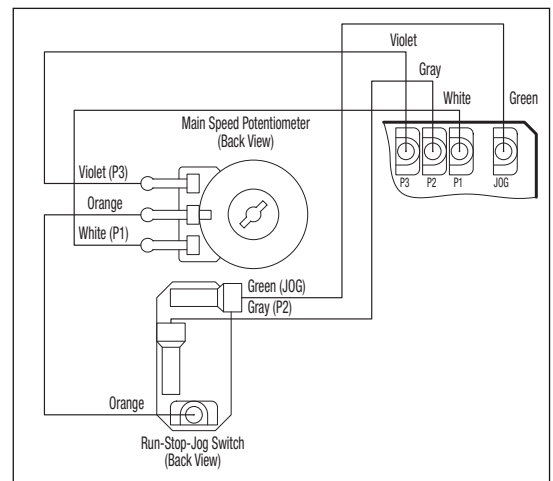
#### ELECTRICAL CONNECTIONS (See Figure 2)

1. Remove wire ties as needed.
2. Using pliers, carefully remove the orange Main Speed Potentiometer wire from Terminal P2 on the drive. (Rock terminal back and forth to facilitate removal.) Install this orange potentiometer wire onto the vacant bottom terminal on the switch.
3. Install the gray wire from the center terminal of the switch onto Terminal P2 on the drive.
4. Install the green wire from the top terminal of the switch onto the Jog terminal on the drive.
5. Use the wire ties that are provided to secure the switch wires.

**FIGURE 1 – MOUNTING**



**Figure 2 – Run-Stop-Jog Switch Connection\***



\*Layout of drive may vary.



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