

# INSTALLATION INSTRUCTIONS

## FORWARD-STOP-REVERSE SWITCH Part No. 9485

### for Model KBRC-240D



#### 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)

#### DESCRIPTION

The Forward-Stop-Reverse Switch assembly is designed for installation on the front cover of the KBRC-240D. It is used to provide electronic reversing for the KBRC-240D. The Forward-Stop-Reverse Switch assembly contains a white/yellow wire, a white/green wire, and a white/red wire which are terminated with 0.25" female quick-connect terminals.

#### MOUNTING



**WARNING!** Make sure that the AC line is disconnected before installing the Forward-Stop-Reverse Switch assembly.

1. Remove the hole plug that covers the FORWARD-STOP-REVERSE position. Use the Hole Plug Removal Instructions that are provided.
2. Align the switch key in the front cover and mount the Forward-Stop-Reverse Switch assembly with the rubber boot. Use the hex wrench that is provided to tighten the rubber boot hex nut. Do not overtighten. See Figure 1.

#### ELECTRICAL CONNECTIONS

1. Remove the violet Main Speed Potentiometer wire that is installed on the +15V terminal of the KBRC-240D PC board. Using pliers, gently rock the female terminal back and forth horizontally while pulling it upward.
2. Install the violet wire from the Main Speed Potentiometer assembly (removed in step 1) to the center terminal of the Forward-Stop-Reverse Switch assembly. See Figure 2.
3. Install the white/yellow wire from the Forward-Stop-Reverse Switch assembly to the +15V terminal of the KBRC-240D PC board. See Figure 2.
4. Install the white/red wire from the Forward-Stop-Reverse Switch assembly to the -15V terminal of the KBRC-240D PC board. See Figure 2.

FIGURE 1 - MOUNTING THE FORWARD-STOP-REVERSE SWITCH

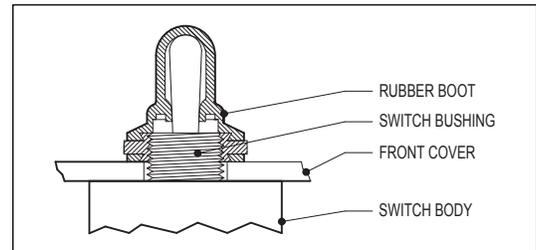
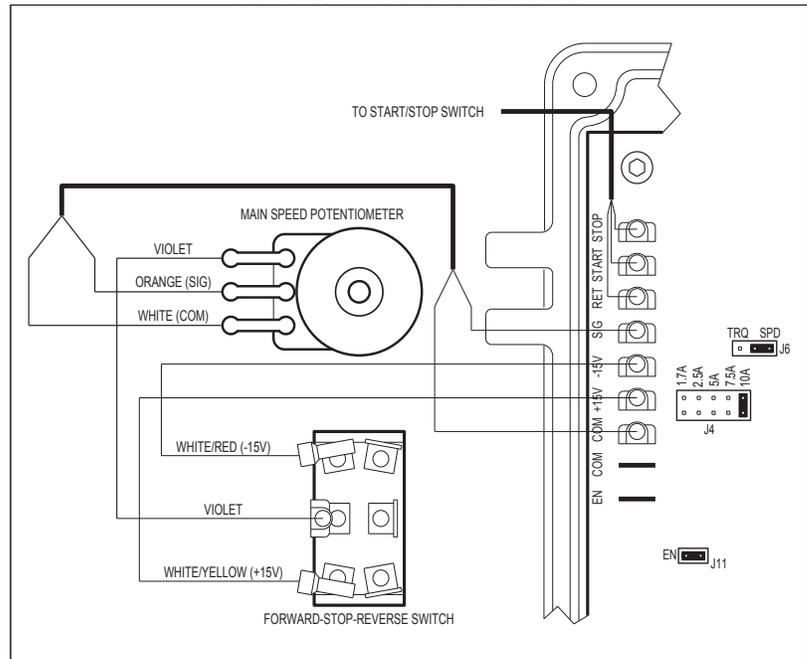


FIGURE 2 - CONNECTION DIAGRAM



KB ELECTRONICS, INC.

12095 NW 39th Street, Coral Springs, FL 33065-2516 • (954) 346-4900 • Fax (954) 346-3377

Outside Florida Call Toll Free (800) 221-6570 • E-mail – info@kbelectronics.com

www.kbelectronics.com

(A40134) – Rev. C – 4/2015