


# Installation Instructions – Forward-Stop-Reverse Switch Model 9519

 **Safety Warning!** Please read carefully before proceeding.

This product should 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 1/2006)


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

**Tools required: Phillips head screwdriver.**

## Description

The Forward-Stop-Reverse Switch assembly is designed for installation on the front cover of the AC Motor Speed Control Hybrid Drive™. It is used to provide electronic reversing for the drive.

## Mounting

 **Warning!** Make sure the AC line is disconnected before installing the switch.

1. Remove the two screws from the front cover of the drive.
2. Remove the plug from the hole on the left hand side of the control provided for the forward-stop-reverse switch.
3. Install the switch assembly making sure the key in the mounting hole lines up with the keyway in the switch bushing.

Be sure the hex nut supplied is installed at the base of the switch before inserting switch into the hole.

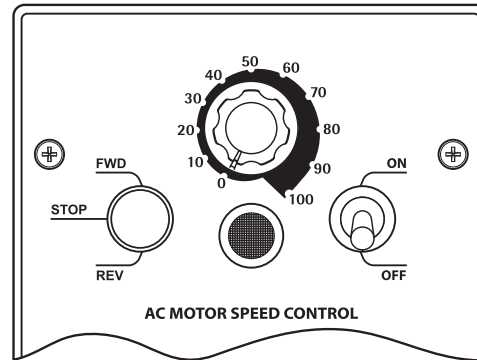
The switch threads should protrude no more than 1/4" (6.4 mm) or no less than 1/10" (2.6 mm) through the front cover for proper installation.

Switch should be in the stop position to facilitate installation.

4. Insert the switch into the hole and use the nut provided to secure the switch. Do not over tighten.

## Wiring

1. Remove jumper from CON2 on control board.
2. Install connector from switch assembly to CON2.
3. Reinstall cover to control.



**F-S-R Switch Bottom View**

