

# Installation Tips

*An SRE Bulletin on Making Your Installations Easier!*

## Application Note #12: Using the SE325/175 With a Hyster Monotrol

### Overview

The Hyster Monotrol is an integrated throttle for standard lift trucks. It provides forward/reverse and throttle value (speed) in a single foot controlled throttle. Pressing one side of the throttle causes forward movement, pressing the other provides reverse movement. There are three basic styles of Monotrol. They require slightly different installation. They can all be treated as an 'integrated throttle' during the ProBit install process.

### Style 1

This throttle is in neutral at rest (both forward and reverse are open). This is the simplest to hookup. Just hookup the direction switches in the same fashion as is described in the manual. The potentiometer portion should also be hooked up as normal.

### Style 2

This throttle does not have a neutral position at rest (one direction is always selected). It does however have a start switch. This switch must be wired in series with the direction switches (see figure 1) so that it provides a neutral position by 'opening' both switches at rest. The potentiometer portion should be hooked up as normal.

### Style 3

This throttle does not have a neutral at rest and it also does not have a start switch. In this case a start switch must be added to the

throttle and it is then treated as a style 2 throttle. The switch (normally open) should be installed so that it is open at rest and closes just before the throttle should be considered active.

Revision History:  
96-01-20 RTA -- Original Version.

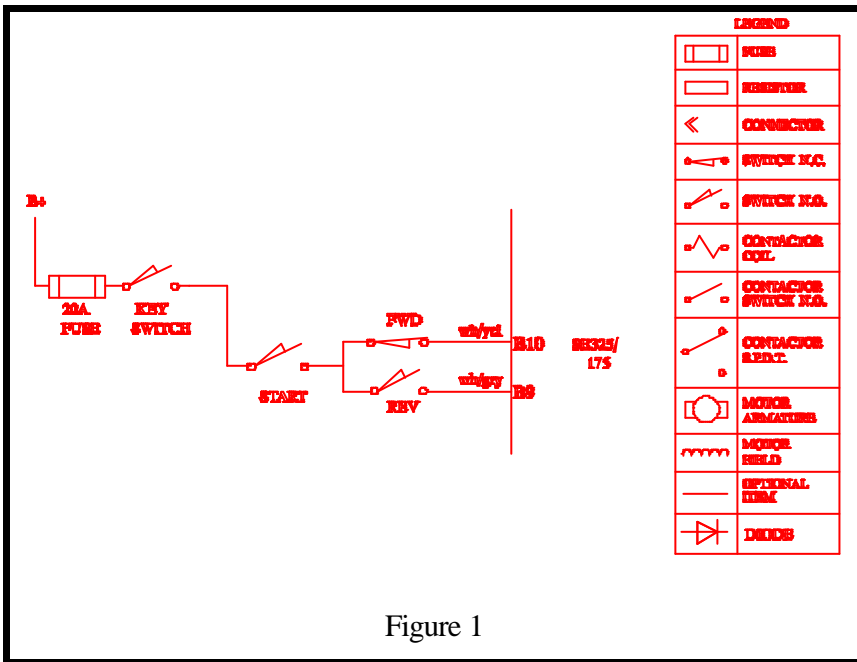


Figure 1