



PRODUCT SUPPORT BULLETIN BULLETIN NO. 321

DATE: December 4, 2000

MACHINE: All with Trombetta Engine Run or Throttle Solenoids

SERIAL
NUMBER(S): All

SUBJECT: Solid State Timer Module – 80010006

This Timing Module, p/n 80010006, has been redesigned as a solid-state device to eliminate the mechanical relay of the original design. This will improve the reliability and life of the timer as well as the solenoid connected to it.

On 12-volt machines, the solid-state timer simply replaces the original timer. Because of the different physical arrangement of the wiring terminals, the solenoid wires may not reach the terminals. Splice in additional wire to lengthen the wires or the module may be relocated. The additional wire **MUST** be the same gauge as the solenoid wire. Wire the timer as shown in Figure 1.

On 24-volt machines, there is a relay wired into the white solenoid wire. **When installing the solid-state timer, the solenoid relay must be removed and the WHITE solenoid wire must be wired directly to the WHITE timer terminal.** See Figure 1. In addition, verify that the solenoid is a 24-volt solenoid. **If a 12-volt solenoid is installed on a 24-volt machine, the timer will be destroyed.**

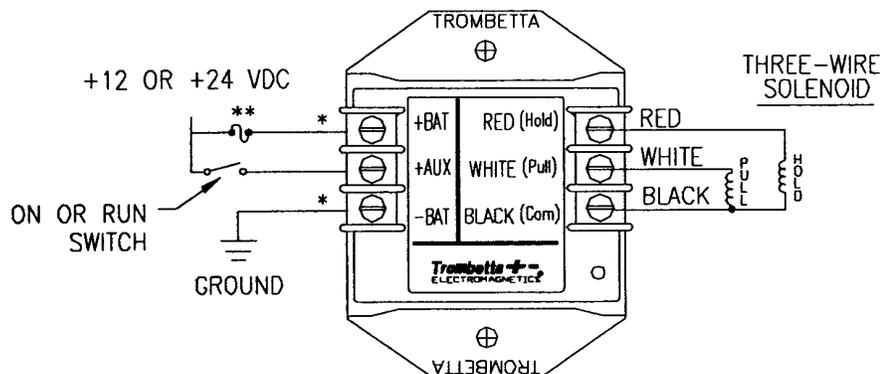


Figure 1