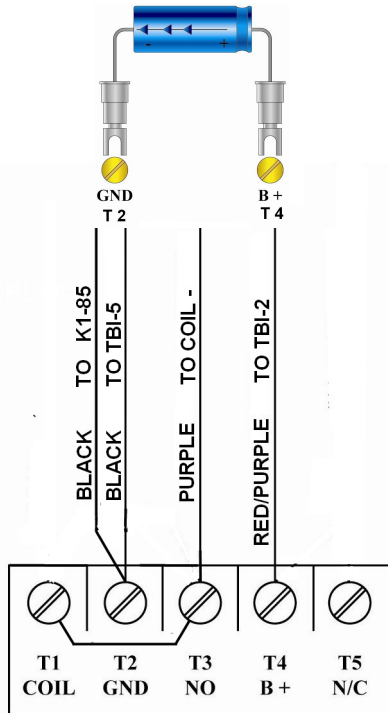


**CDI P/N: C11-0002**

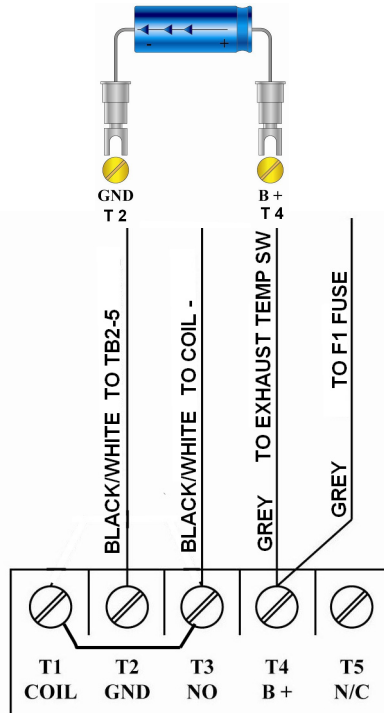
This unit replaces part number 041183

## INSTALLATION

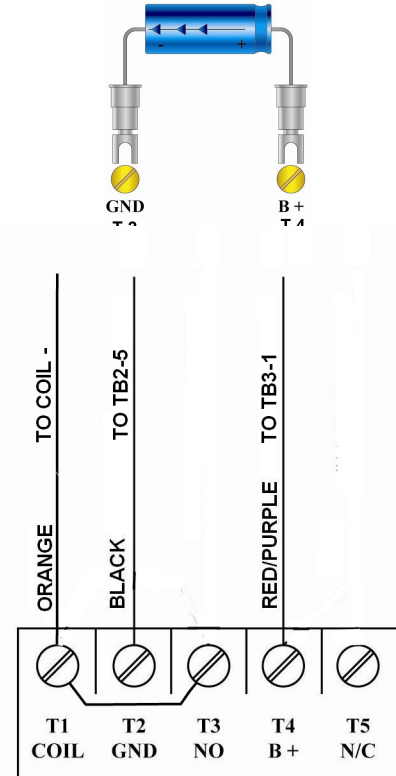
1. Disconnect the negative battery cable from the battery.
2. Carefully remove the electrical box cover.
3. Disconnect the wires going to the RPM Limiter Circuit Board.
4. Remove the 4 screws holding the circuit board in place and remove the circuit board.
5. Mount the new circuit board using the standoffs and new screws provided.
6. Connect the wires to the circuit board as follows.



REPLACEMENT OVER SPEED SWITCH  
4.5 AND 7.0 BCG CONNECTION DIAGRAM



REPLACEMENT OVER SPEED SWITCH  
6.5 BCG CONNECTION DIAGRAM



REPLACEMENT OVER SPEED SWITCH  
9.0 BTG CONNECTION DIAGRAM

7. Connect the filter capacitor to the terminal strip. Install the GND side to the T2 terminal and the B+ to the T4 terminal.
8. Re-install the electrical box cover.
9. Re-connect the negative battery cable to the battery.

## TROUBLESHOOTING

### ENGINE DOES NOT HAVE SPARK:

1. Push the Stop switch for approximately 5 seconds. If the engine now has spark and will now run, the engine RPM has exceeded the RPM limit and the RPM limiter has shut the engine down by interrupting the DC voltage to the K2 relay. Try to find the reason the engine exceeded the RPM limit of approximately 2175 RPM.
2. Remove the wire on the T4 terminal and connect a spark gap tester to all spark plug wires. Check for spark. If the engine now has spark, the RPM limiter circuit board is likely defective. **WARNING---DO NOT OPERATE THE GENERATOR WITHOUT AN OPERATIONAL OVER SPEED SWITCH!!!**
3. Check for DC voltage to the ignition coil's positive terminal.
4. Check the ignition module for air gap and corroded contacts.