RETROFIT INSTRUCTIONS

• REPLACING SPEED CONTROL BOARD

TOOLS REQUIRED:

1. 1/8" Hex Allen Wrench
2. 3/32" Hex Allen Wrench
3. Small Slotted Screwdriver(1/8" tip)
4. Phillips Screw Driver(medium size)
5. 3/8" Nut Drive
6. 1/2" Open End Wrench
7. Wire Cutter
8. Wire Stripper
9. Wire Crimper
10. (2) Pliers
11. Test Meter(Digital Multimeter works best)

KIT INCLUDES

New Speed Control Board Assembly
Fully Insulated Female Terminals to be crimped to Potentiometer Leads
Wiring Diagram
Wire Ties
Diode Assembly

INSTRUCTIONS:

WARNING !!! To prevent injury turn OFF all switches, pull out all breakers and disconnect two main battery cables. Block machine up so drive wheel is off the floor!!!

1. Disconnect wires from old Speed Control Board and remove board.
2. Restrip the (3) Potentiometer Leads (White, Orange & White W/Orange strip) and crimp on terminals provided. **NOTE**: Pull on terminal to check for secure crimp).
3. Mount new Speed Control Board Assembly with terminal block at bottom.
4. Connect wiring per Wiring Diagram. **NOTE**: Wire #18 from old style board is no longer used and must be removed from Brush Motor Solenoid.
   A. Orange to Orange
   B. White with Orange stripe to Blue
   C. White to White
   D. Red to solenoid 1 (Drive Motor Solenoid)
   E. Black to solenoid 2 (Brush Motor Solenoid)
   F. Drive Motor leads and Power leads connect to terminal block as shown on Wiring Diagram.
5. Reconnect batteries, push in all breakers and test for proper operation. **NOTE**: If machine runs in wrong direction when grips are twisted, reverse the two motor lead connections.
6. Connect diode assembly to solenoid 1 as shown.

WIRING DIAGRAM

SS2701/SS3301