

**INSTRUCTIONS FOR REPLACING SWITCH HARNESS
DWG. NO. 9600-0131 (115 VOLT)**

DISASSEMBLING

1. Before making any service to the machine, disconnect the plug from the power source.
2. Remove (18) machine screws with a Philips type screwdriver from the blue cover.
3. Lift off blue cover from black base.
4. Remove (4) screws from junction box cover on the motor.
5. Pull box cover away from box and expose switches and wires inside box.
6. Disconnect terminals on #1 & #2 (see attached dwg.).
7. Disconnect four wire nuts /connectors.
8. Now, switch & wire harness can be separated from motor.

ASSEMBLING

1. Replace defective switch & wire harness with a sound one.
2. Connect black & white wires from power cord to terminals #1 & #2 respectively.
3. Joint white wire and motor leads T2 & T4 and solenoid lead S1 with wire nut/connector.
4. Joint black wire and motor lead T1 & T3 and solenoid lead S2 with wire nut/connector.
5. Joint red wire and motor lead T8 with wire nut/connector.
6. Joint blue wire and motor lead T5 with wire nut/connector.
7. Press and set gently all wires & connectors to left side of junction box.
8. Insert switch and wire harness in box and fasten cover with four screws.
9. Replace blue cover and all screws.
10. Test motor operation with foot pedal.
11. Attach a water supply hose to the garden hose fitting. Turn on water supply and test motor and solenoid valve operation.

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**INSTRUCTIONS FOR REPLACING SWITCHES & HARNESS ASS'Y
DWG. NO. 9600-0133 (220 VOLT)**

DISASSEMBLING

1. Before making any service to the machine, disconnect the plug from the power source.
2. Remove (18) machine screws with a Philips type screwdriver from the blue cover.
3. Lift off blue cover from black base.
4. Remove (4) screws from junction box cover on the motor.
5. Pull box cover away from box and expose switches and wires inside box.
6. Disconnect terminals on #1, #2 & #3(see attached dwg.).
7. Disconnect four wire nuts /connectors.
8. Now, switch & wire harness can be separated from motor.

ASSEMBLING

1. Replace defective switch & wire harness with a sound one.
2. Connect black & white wires from power cord to terminals #1 & #2 respectively.
3. Connect motor lead T1 to terminal #3.
(For 2HP motor, connect yellow motor lead to terminal #3.)
4. Joint white wire and motor leads T2 & T3 and solenoid lead S1 with wire nut/connector.
(For 2HP motor, joint white wire and white wire with wire nut.)
5. Joint black wire and motor lead T4 and solenoid lead S2 with wire nut/connector
(For 2HP, joint black wire and black wire with wire nut.)
6. Joint red wire and motor lead T5 with wire nut/connector.
(For 2HP, joint red wire and red wire with wire nut.)
7. Joint blue wire and motor lead T8 with wire nut/connector.
(For 2HP, joint blue wire and blue wire with wire nut.)
8. Press and set gently all wires & connectors to left side of junction box.
9. Insert switch and wire harness in box and fasten cover with four screws.
10. Replace blue cover and all screws.
11. Test motor operation with foot pedal.
12. Attach a water supply hose to the garden hose fitting. Turn on water supply and test motor and solenoid valve operation.

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