

The Logic 5 motor replacement is also backwards compatible with Logic 4 and Logic 3. Modification steps required for Logic 4 and Logic 3 operators are included. Refer to the owner's manual supplied with the operator for all mounting and wiring instructions.

NOTE: If necessary remove the operator from its mounted position.

FOR LOGIC 5 OPERATORS:

REMOVE EXISTING MOTOR

1. Unplug the motor harness from the receptacle on the power board (Figure 1). Make note of the correct receptacle to use for reinstalling the new motor.
2. Depress the two sets of tabs on the 90 degree conduit fitting to release it from the electrical box.
3. Slide the motor harness out through the slot in the electrical box so that the conduit hangs free. You may need to remove the electrical box cover to complete this step.
4. Remove the motor. Removal procedure for the existing motor will vary depending on the model and may include removal of bolts securing the motor to the motor plate, removal of the motor pulley and drive belt, and removal of the brake assembly.

INSTALL REPLACEMENT MOTOR

Secure the new motor to the motor plate using 4 bolts. Reinstall other parts as necessary.

SHORTEN THE CONDUIT (OPTIONAL)

The conduit provided with the replacement motor may be longer than the conduit used with the existing motor. If necessary, trim the conduit:

1. Use side cutters or a similar tool. Start at the open end and make a lengthwise cut along the conduit equal to the amount of conduit to be removed (Figure 2).
- NOTE:** Do not cut or damage the wiring inside the conduit.
2. Make a circular cut around the conduit and remove the excess.

RECONNECT WIRING:

1. Insert the 90 degree conduit fitting securely in to the conduit.
2. Slide the wire harness through the slot on the electrical box.
3. Push the 90 degree conduit fitting in to the opening on the electrical box.
4. Plug the motor harness in to the appropriate receptacle on the power board, depending on the voltage used for the operator.
5. Secure loose wires with cable ties.

WARNING

To avoid **SERIOUS** personal **INJURY** or **DEATH** from electrocution:

- Disconnect electric power **BEFORE** performing **ANY** adjustments or maintenance.

FIGURE 1

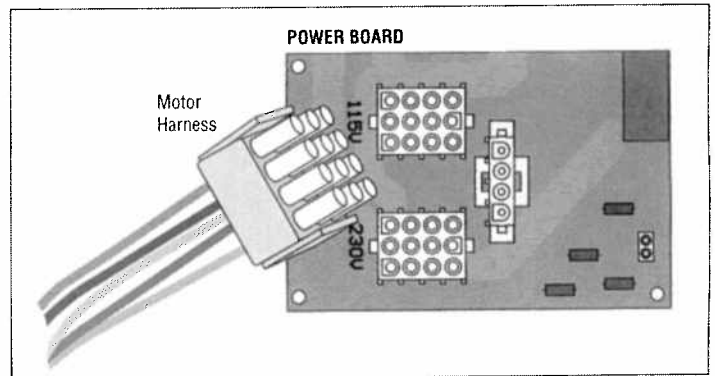
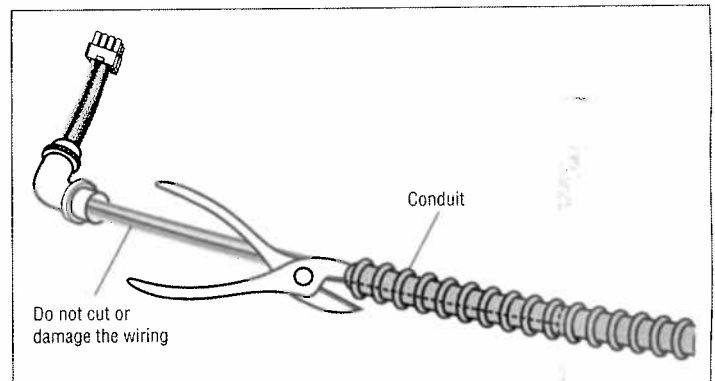


FIGURE 2



FOR LOGIC 4 AND LOGIC 3 OPERATORS:

REMOVE EXISTING MOTOR

1. Remove the motor (see step 4 of the Logic 5 Remove Existing Motor section). Note the numbers on the wires from the motor to their corresponding wire color going to the electrical box.
2. Keep the metal conduit fitting that attaches the conduit to the old motor.
3. On the new motor, cut the motor wires between the motor and conduit, leaving 3-4" of wire.
4. Replace the black plastic conduit fitting attached to the new motor with the metal conduit fitting from the old motor.
5. Install the new motor on the operator.
6. Using wire nuts, connect wires from the new motor to the the electrical box. **NOTE:** The wire colors on the new motor may be different and have no marking, they may be marked J, TH, or TP.