



Service Kit Instructions

How To...Install Switch Bracket Assembly on Next Generation Treadmills

Installation Kit M051-00K58-A035 consists of a Switch Bracket Assembly and Hardware. Proceed with the following steps to facilitate proper installation.

1. Verify that the treadmill is at 0% incline.
2. Turn the power off and unplug the unit from the electrical outlet.
3. Remove the four SCREWS securing the MOTOR COVER to the FRAME. Remove the MOTOR COVER.
4. Remove the HOME SWITCH CABLE by disconnecting the two leads from the HOME SWITCH and unplug the 4-PIN HOME SWITCH CONNECTOR from the LIFT/WAX PC BOARD.
5. Carefully tip the treadmill onto its right side.

NOTE: BE CAREFUL NOT TO DAMAGE THE FRAME SURFACE OR PLASTIC ACCESS PANEL WHEN TIPPING THE TREADMILL ONTO ITS SIDE.

6. Unplug the 4-PIN ACTUATOR CONNECTOR from the WAX/LIFT BOARD, remove GROUND SCREW, which attaches the ACTUATOR GROUND WIRE (Green with yellow strip) to the POWER BOX ENCLOSURE, and remove the ACTUATOR from the unit.
7. With a marker make two coincident lines; one on the ACTUATOR BASE and another on THE ACTUATOR TUBE-NUT (see Figure 2).
8. Remove 9/16" nut and bolt from the LIFT ARM WELDMENT.
9. Remove the COTTER PIN and the CLEVIS PIN connecting the ACTUATOR pivot to the frame.

IMPORTANT: BE CAREFUL NOT TO TURN ACTUATOR TUBE-NUT WHILE REMOVING THE ACTUATOR.

10. Place the DECLINE SWITCH BRACKET on the ACTUATOR EXTENDED SCREWS as shown and secure it with two #10-24 LOCK NUTS.
11. Reinstall the ACTUATOR on the FRAME with CLEVIS PIN and COTTER PIN. Attach the ACTUATOR TUBE-NUT to the LIFT WELDMENT with 9/16" NUT and BOLT.

IMPORTANT: MAKE SURE TO ALIGN MARKED LINES ON THE ACTUATOR BASE AND ON THE ACTUATOR TUBE-NUT.

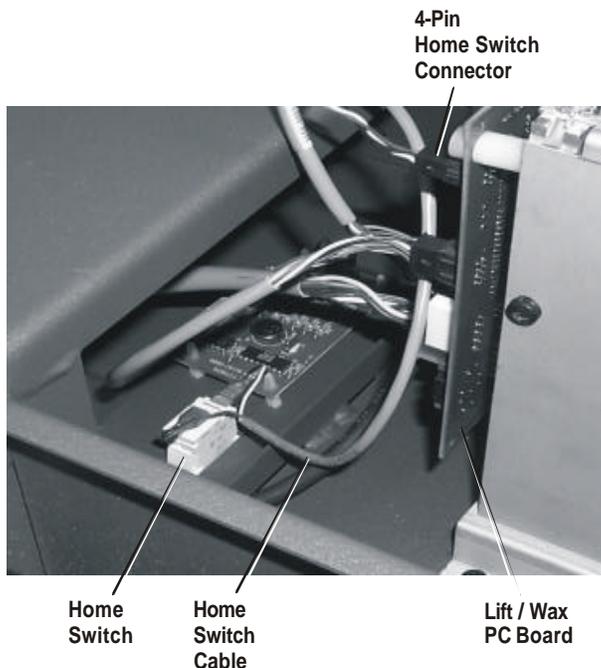


Figure 1

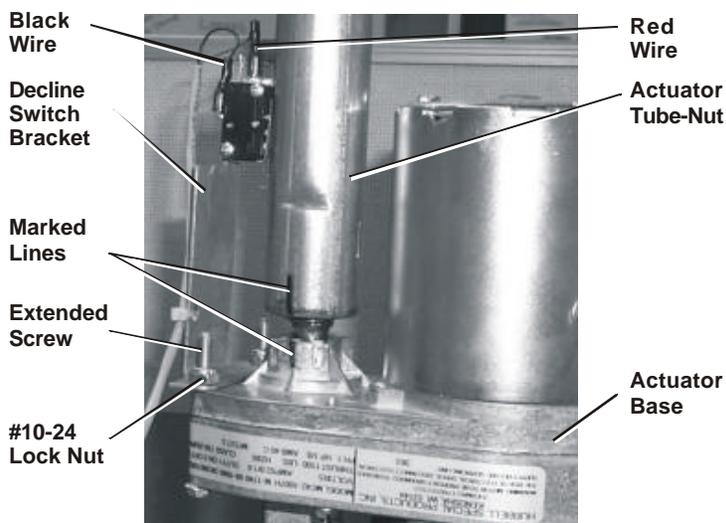


Figure 2



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12. Plug the 4-PIN DECLINE CABLE CONNECTOR to the LIFT/WAX PC BOARD.
13. Plug the 4-PIN ACTUATOR CABLE to the LIFT/WAX PC BOARD and ACTUATOR GROUND WIRE to the POWER BOX ENCLOSURE with a green GROUND SCREW.
14. Attach the two short leads of the DECLINE CABLE to the HOME SWITCH LUGS (black wire to the side lug, "COM", and red wire to the top lug, "NO")(as shown in Figure 2).
15. Route the DECLINE CABLE along the ACTUATOR SUPPORT CHANNEL of the FRAME. Secure all cables with Tiewrap cables.