

Procedure 6.1 - Replacing the Incline Motor

Note:

The replacement incline motor must be calibrated prior to installation (See Procedure 4.1).

1. Set the treadmill's circuit breaker in the "off" position and remove the AC line cord from the AC outlet.
2. Disconnect the incline motor connector from the **INCLINE** connector on the power control module. See Diagrams 5.3 and 5.4. Lay the replacement incline motor on the floor in front of the treadmill and insert its connector in the **INCLINE** connector on the power control module.
3. Calibrate the incline motor per Procedure 4.1.
4. Either lay the treadmill on its side or securely block the front of the treadmill so that the treadmill's weight is off of the incline platform.
5. Remove the defective incline motor as follows: remove the screw that fastens the frame ground wire (green with yellow stripe) to the treadmill frame. Remove the hitch and clevis pins from the top and bottom of the incline motor. Remove the incline motor from the treadmill.
6. Set the calibrated incline motor in its mounting position. Replace the upper clevis and hitch pins.
7. Replace the lower clevis and hitch pins. It may be necessary to slightly rotate the incline tube to align it so that the clevis pin may be inserted. To align the hole in the incline tube rotate it in the direction that will cause the least amount of rotation to make alignment possible.
8. Connect the frame ground wire to the treadmill frame with the screw removed in step 5. Route both incline motor cables as noted in the incline motor removal procedure.
9. Insert the incline motor connector in the **INCLINE** connector on the power control module.
10. Check treadmill operation per Procedure 3.

Procedure 6.2 - Replacing the Incline Platform

1. Set the treadmill circuit breaker in the “off” position. Remove the AC line cord from the AC outlet.
2. Carefully, lay the treadmill on its side.
3. Remove the hitch pin and clevis pin that fastens the incline motor tube to the incline platform. While the incline tube is not fastened to the incline platform, care must be taken to not allow the incline tube to rotate. If the incline tube rotates, the incline motor must be re-calibrated per Procedure 4.1.
4. Remove the two large hitch pins (one each side) from the incline platform to frame mounting. See Diagram 6.1. Remove the incline platform mounting pins and remove the incline platform from the treadmill.

Diagram 6.1 - Incline Platform Mounting



5. Remove the wheels from the old incline platform and remount them on the replacement incline platform.
6. Set the replacement incline platform in its mounting position. Align the key in the incline mounting pin with the keyway in the frame and slide the incline mounting pins into place. See Diagram 6.2. Fasten the incline mounting pins with the hitch pins removed in step 4.
7. If the incline tube or the incline motor's drive screw have been moved, re-calibrate the incline motor per Procedure 4.1, at this time.