

Section Six — Replacement Procedures

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Procedure 6.1 — Replacing the Lift Platform

Removing the Lift Platform

1. Turn off the treadmill with the circuit breaker, then unplug the power cord from the wall outlet.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One of the Commercial Treadmill Service Manual.

2. Place the treadmill on its left side.

Note:

To avoid scratching or marring the treadmill, put a drop cloth underneath the treadmill when you perform Step 2.

3. Remove the lower bolt and nut that secure the lift motor to the lift platform.

Note:

It is not necessary to remove the lift motor when you remove the lift platform.

4. Remove the bolts and nuts that secure the lift platform to the treadmill frame.

Replacing the Lift Platform

5. With the treadmill still on its left side, position the lift platform at its mounting position.

6. Replace the two bolts and nuts that secure the lift platform to the treadmill frame.

Note

The original nuts used to mount the lift platform are Kep nuts, which do not require a separate washer. If you do not use Kep nuts to mount the lift platform, use washers when you mount the lift platform to the treadmill frame.

7. Replace the lower bolt and nut that secure the lift motor to the treadmill frame.
8. Check the operation of the treadmill as described in Section Three of this appendix, then replace the hood as described in Procedure 5.1 of the Commercial Treadmill Service Manual.

Procedure 6.2 — Replacing the Target Label

WARNING

Always turn off the circuit breaker and unplug the treadmill before you remove the treadmill hood.

Removing the Target Label

1. Remove the hood.

CAUTION

The speed sensor is mounted on the motor casing. Exercise caution when you remove and replace the flywheel.

2. Remove the flywheel as described in Procedure 5.17 of the Commercial Treadmill Service Manual.
3. Remove the target from the flywheel. Remove as much of the old adhesive as possible from the flywheel. Ensure that any remaining adhesive is firmly bonded to the mounting location.
4. Clean the end of the flywheel with a mild detergent. Remove the detergent with a damp cloth.

Replacing the Target Label

5. Remove the protective label from the adhesive side of the target label. Carefully position the target on the flywheel, then press the target firmly.
6. Replace the flywheel as described in Procedure 5.17 of the Commercial Treadmill Service Manual
7. Check the operation of the treadmill as described in Section Three of this appendix, then replace the hood as described in Procedure 5.1 of the Commercial Treadmill Service Manual.

Procedure 6.3 — Replacing the Lift Motor

WARNING

Always turn off the circuit breaker and unplug the treadmill before you remove the treadmill hood.

Removing the Lift Motor

1. Remove the hood.
2. Disconnect the lift motor wiring assembly from the lower PCA.
3. Remove the ground wire from the lift motor ground stud on the treadmill frame.

Note:

Place a drop cloth under the treadmill to protect the flooring and to ensure that the treadmill handrails are not scratched or damaged.

4. Place the treadmill on its right side.
5. Remove the bolt and nut that holds the top of the lift motor to the treadmill frame.
6. Remove the bolt and nut that secure the lift tube to the lift platform. Set aside the lift motor.

Replacing the Lift Motor

7. With the treadmill still on its side, line up the mounting holes at the top of the lift motor with the lift motor mounting holes on the treadmill frame.
8. While an assistant holds the lift motor in place, position the bolt through the top of the lift motor and the treadmill frame. Thread the nut onto the bolt.
9. Calibrate the lift assembly as described in Section Four of this appendix.
10. Replace the bolt and nut that secure the lift tube to the lift platform.
11. Return the treadmill to an upright position.
12. Secure the ground wire to the lift motor ground stud on the treadmill frame.
13. Connect the lift motor wiring assembly to the lower PCA.
14. Check the operation of the treadmill as described in Section Three of this appendix, then replace the hood.