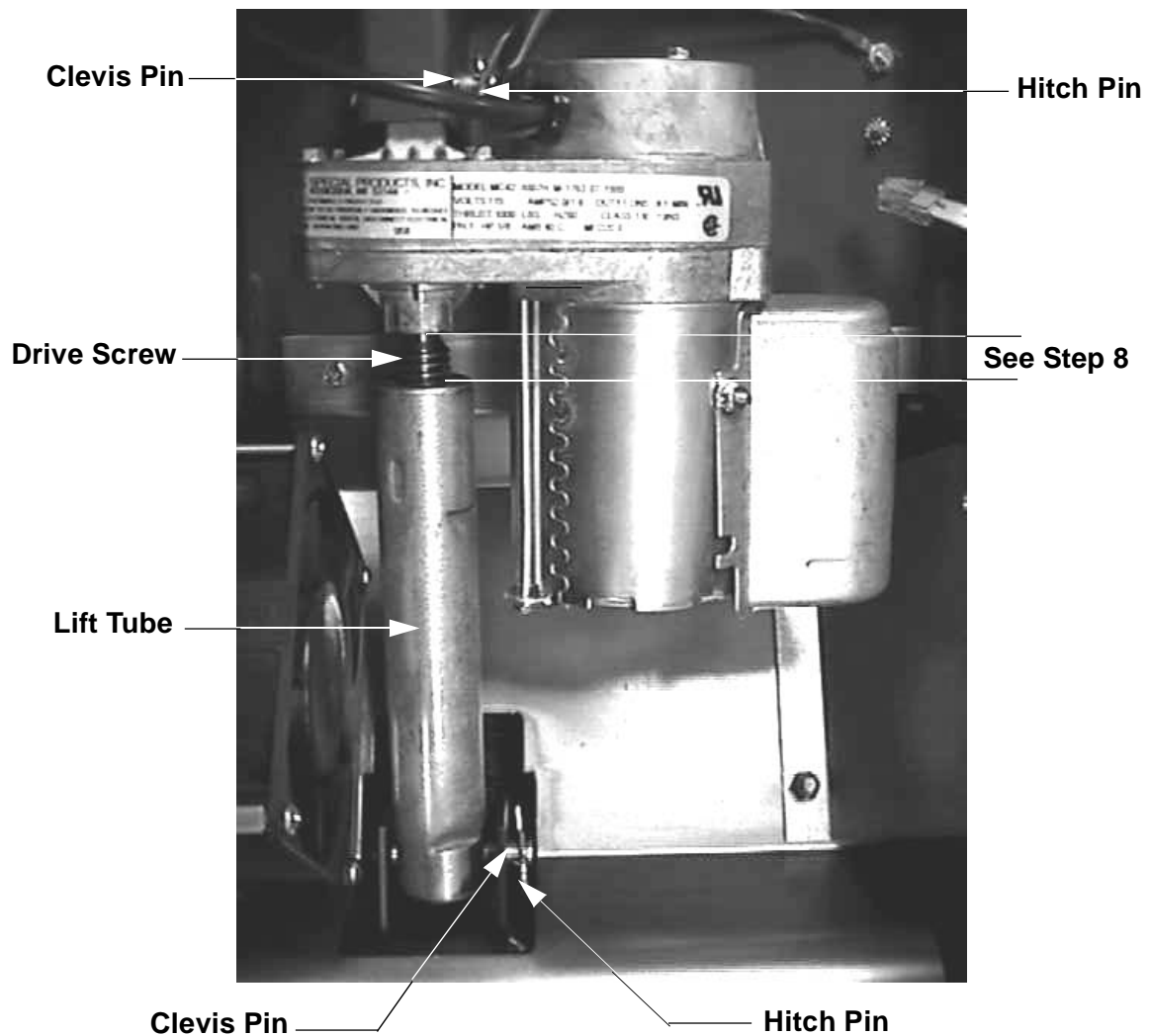


Procedure 4.1 ó Calibrating the Lift Motor

1. Set the treadmill circuit breaker in the off position and unplug the line cord from the wall outlet.
2. Remove the hood.
3. Place the treadmill on its right side. Remove hitch and clevis pins that secure the lift tube to the lift platform. See Diagram 4.1.

Diagram 4.1 ó Lift Motor Mounting



4. Plug the power cord into the wall outlet, set the treadmill circuit breaker in the **on** position.
5. Press keys **RESET, 5,1,7,6,5,7,6,1**, sequentially to enter the diagnostics routine. Refer to Procedure 2.1 and advance to the lift test. When the lift calibration number is displayed on the console, use the **INCLINE ▲** or **INCLINE ▼** key to set the lift calibration number to 20.

CAUTION

While running the lift motor in the diagnostics mode it is possible to operate the lift motor beyond its normal range of motion. When you perform the next step, care must be taken not to jam the lift tube against the motor frame.

6. Press the **RESET** key to exit the diagnostics mode.
7. Set the treadmill circuit breaker in the **off** position, unplug the line cord from the wall outlet.
8. Rotate the lift tube clockwise, by hand, as far as possible. Then rotate the lift tube counter-clockwise until the distance from the top of the lift tube to the lift motor is 5/8 inch (version 1 & 2) or 7/8 inch (version 3). See Diagram 4.1. While rotating the lift tube, be sure the lift motor drive screw does not rotate. If the drive screw is rotated, return to step 4 and repeat steps 4 through 7.
9. Replace the clevis and hitch pins removed in step 3. Return the treadmill to an upright position.
10. Plug the line cord into the wall outlet, set the treadmill circuit breaker in the **on** position.
11. Check the calibration of the lift system by performing the following steps:
 - a Press the **INCLINE ▲** key until maximum incline is obtained (12% on versions 1 & 2 units, 15% on version 3 units).
 - b Press the **INCLINE ▼** key to minimum incline is obtained (0% On versions 1& 2 units, -3% on version 3 units).
12. Re-install the hood.

Procedure 4.2 ó Adjusting Drive Belt Tension

1. Set the treadmill circuit breaker in the off position and unplug the line cord from the wall outlet.
2. Remove the hood.
3. Place the drive belt tension gauge on the drive belt as shown in Diagram 4.2.

Diagram 4.2 ó Drive Belt Tension Gauge



4. The gauge should read approximately 80 inch/pounds. The drive belt tension is acceptable if it is in the range of 70 to 90 inch-pounds.
5. **Version 1 & 2 units, only. Skip to step 6 for version 3 units.** If the drive belt tension is less than 70 or greater than 90 inch/pounds, adjust the drive belt adjustment bolt until the belt gauge reads approximately 80 inch/pounds. See Diagram 4.3. Momentarily remove the drive belt tension gauge from the drive belt. Replace the drive belt tension gauge on the drive belt and re-adjust the drive belt tension, if necessary. Skip to step 7.