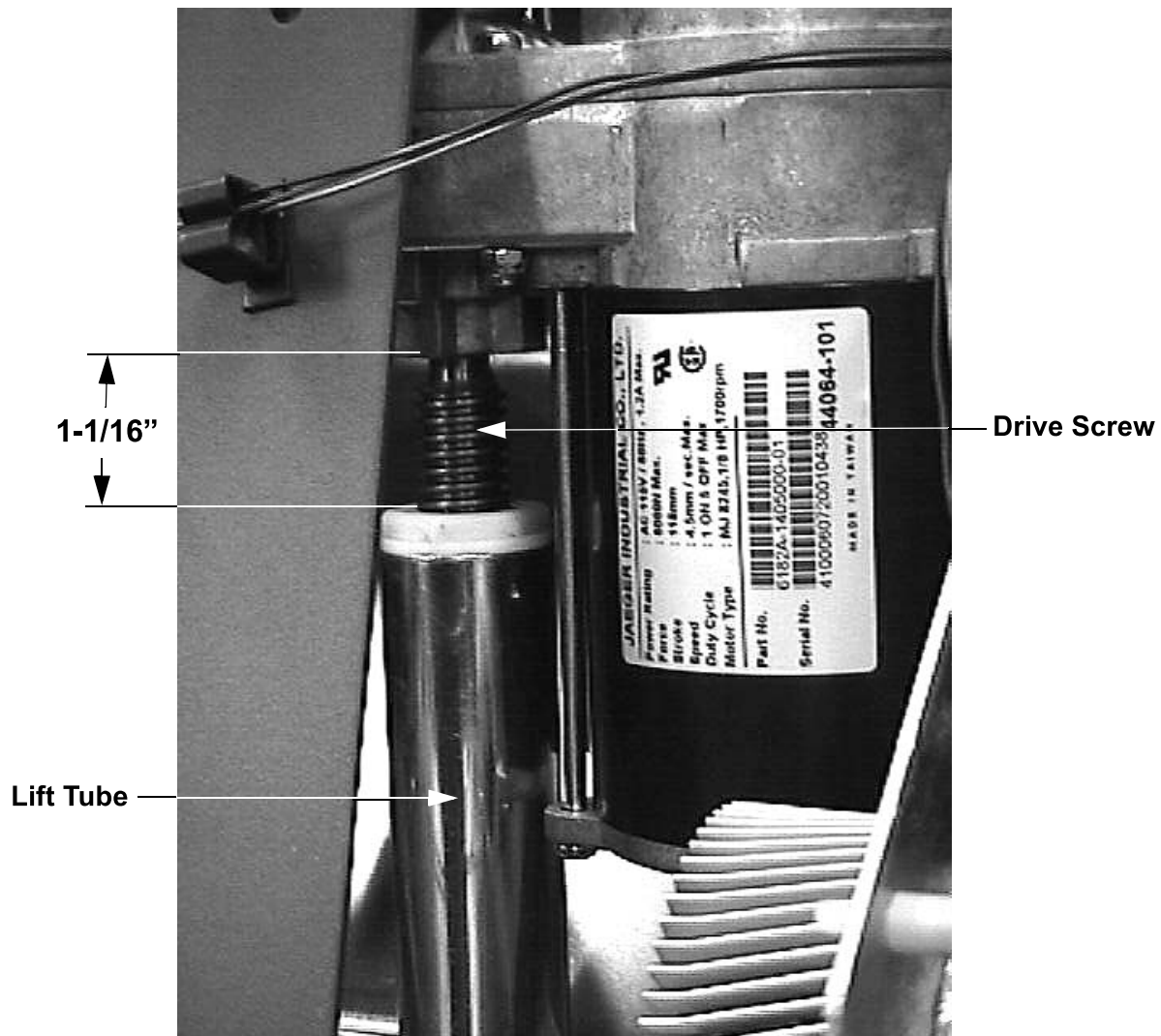


Procedure 4.1 - Calibrating the Lift Motor

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 it's right side. Remove hitch and clevis pins that secure the lift tube to the lift platform.

Diagram 4.1 - 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 1-1/16 inch. 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 the console displays 15% incline.
 - b Press the **INCLINE ▼** key to return to 0% incline.
12. Re-install the hood per Procedure 6.11.