



POWER SUPPLY DIAGNOSTIC LIGHT DIAGRAM

D11 Light will flash when the walking belt is moving. The faster the belt moves, the faster the light flashes. Run the speed up from 0.5 to 10 mph, and watch the light to see if the flashing speeds up. If the light is not flashing, check both gray data cables for cuts or other damage, and remove and re-plug them at both ends to check for loose connections. Then check the display. If the display lights up, but D11 flashing speed still does not change, re-calibrate the speed.

D6 Light should always be on whenever the treadmill is plugged in. If it is not lit, check the power cord connection, and wiggle the transformer to check for loose connections.

D7 Light should always be on whenever the drive motor is running. There should also be a green light on the PWM board, which is mounted near this power supply board.

D8 will light up any time the lift motor goes up, indicating there is power to the lift motor.

D9 will light up any time the lift motor goes down, indicating there is power to the lift motor.

If the incline lights come on, but the treadmill incline is not changing, re-calibrate the incline.

The large majority of treadmill problems are due to loose connections, and not to defective parts. When troubleshooting a treadmill problem, always check ALL connections first, starting with the power cord plug at the wall outlet. Follow the power cord into the treadmill motor pallet, checking for damaged cords or wires. Check data cables by unplugging and re-plugging them, and check for cuts or damage to cables or connectors.

