

Embedded Screen Does Not Complete Boot Process

E-TRx and E-TRxe

Symptom

The embedded touch screen on a treadmill will start the booting process (Fig. 1). Before the screen shows the Star Trac logo with white background (or shortly after) the screen will shut down. If you check the components on the screen, they will appear to have power yet the screen does not light up. Should the treadmill power recycled the same thing happens.

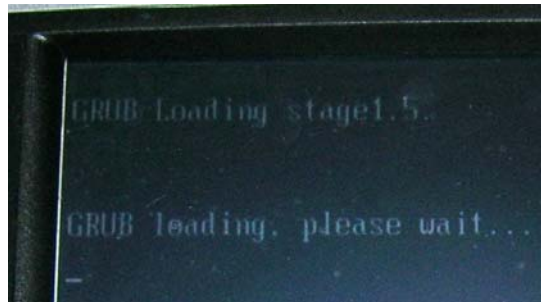


Fig. 1

This happens on treadmills with ver. 1 MCBs that have a separate power supply. Often this symptom is mistaken for a screen that does not power up at all.

Solution

The cause of this symptom is a faulty power supply (Fig. 2). Check the underside of the power supply for burned/charred components (Fig. 3).



Fig. 2

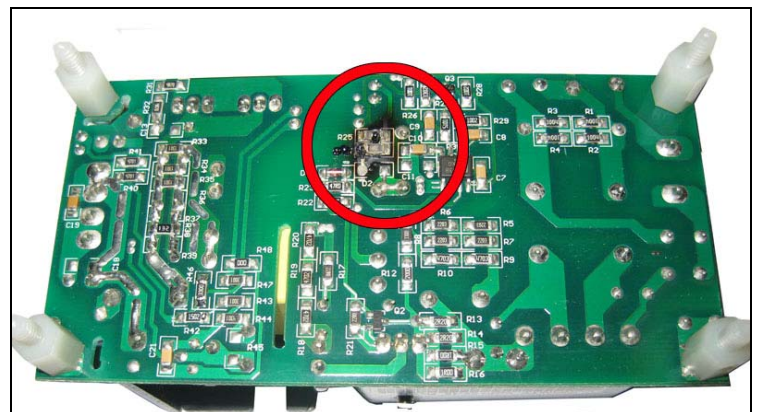


Fig. 3

Replace the power supply and test.