

Calibration Procedures

SS 100 PWM (5-xxxxx to 6-79999 serial numbers)

Entering Engineering Mode:

With safety key in, power up unit while holding **Grade Up** and **Grade Down** keys.

Incline will reset to zero.

Mode 1: Max Speed

Press **Select/Enter**- 01 (C1 for 450) appears in Distance.

Adjust speed using **Fast** and **Slow** buttons until 10 or 12 mph

Verify speed by counting belt revolutions: 10mph= 102 Belt revs/per min. 12mph= 121 Belt revs/per min.

Press **Start/Reset** to save max speed, wait for belt to stop.

Mode 2: Speed Table

Press **Select/Enter**-02 (C2 for 450) appears in Distance

Press **Start/Reset** to set speed table. Treadmill will speed up and slow down on its own. Wait for belt to stop.

Mode 3: Incline

Press **Select/Enter**- 03 (C3 for 450) appears in distance

Press **Grade Up** to upper incline limit, then back down slightly

Save upper limit by pressing **Start/Reset**

Turn treadmill off and then back on and check operation

SS90 Calibration (6-8xxxx serial numbers and after)

Enter Calibration Mode by holding the **Up** and **Down** keys while inserting the safety key

In message center window displayed: Press Start to Calibrate

NOTE: In Calibration mode, it is possible to check if the speed sensor is reading all the front roller magnets: the Met light will light when a magnet is in front of the sensor. Speed must be less than 1 mph.

Press **Start/Reset** to begin calibration

Treadmill will elevate and speed up/slow down. Wait for belt to stop.

Message center window will display: Successful, or will indicate error area.

Remove and re-insert safety key. Check operation of treadmill.