MATRIX	**Service Bulletin**
	Matrix TreadMill Tread Sense function is released

Effective Date: Nov. 10, 2014	**Models Affected:**	**Bulletin Number**
Prepared by: Eric Chen	All Matrix Treadmills; T5x, T7xe, T7xi	NB-1411010

SYMPTOM

A belt stop feature called "Tread Sense" will be released on all Matrix treadmills.
If no footfalls or user interactions with the console are measured, a warning message will display on the console.
A 10 second countdown will begin and the belt will stop, ending the program.

REASON

The "Tread sense" function is to give club owners more control over how a treadmill operates.
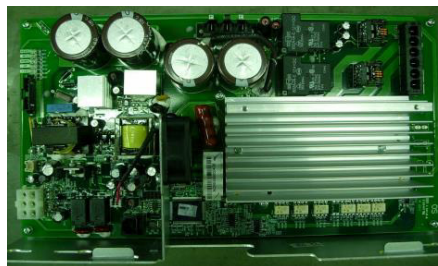
SOLUTION

1. The UCB and MCB software version combinations with tread sense and serial number breaks are in Table 1. The "Tread sense" function is supported with Delta MCB only.

2. The new application is available for the T7xi, T7xe, and T5x from Sep., 2014.

3. The new application will be available for the T3x and T1x. Please watch for additional information.

Table 1: The console and frame combinations

Model		T7xi		T7xe		T5x	
Console model no.		T-7xi-C(TM521)		T-7xe-03-C(TM503F) T-7xe-04-C(TM520)		T-5x-07-C(TM519/B)	
Frame model no. (with Delta MCB)		T-5x/7x/7xe-03-F (TM501E/F/H)	T-5x/7x-04-F (TM501G/I/J /K/L)	T-5x/7x/7xe-00/ 02/03-F (TM501/C/E/F/H)	T-5x/7x-04-F (TM501G/I/J K/L)	T-5x/7x/7xe-00/ 02/03-F (TM501C/E/F/H)	T-5x/7x-04-F (TM501G/I/J/ K/L)
Delta MCB part no.		0000094477	1000228669	0000094477	1000228669	0000094477	1000228669
Console shows Belt Stop or Tread Sense		Belt Stop*		Tread Sense		Tread Sense	
Console	UCB software ver.	GUI 3.2 or above		GUI 4.2 or above		V5.003 or above	
	Started serial no.	CTM521140801947		CTM520140802995		CTM519140410662	
	Implemented date	8/23/2014		8/28/2014		4/30/2014	
Timeframe		These two Delta MCBs are with "Tread Sense" function already.					

Belt Stop*: T7xi console shows "belt stop" now and it will be revised to "Tread Sense" next version.

Delta MCB (Part number #0000094477) with "Tread Sense" function:
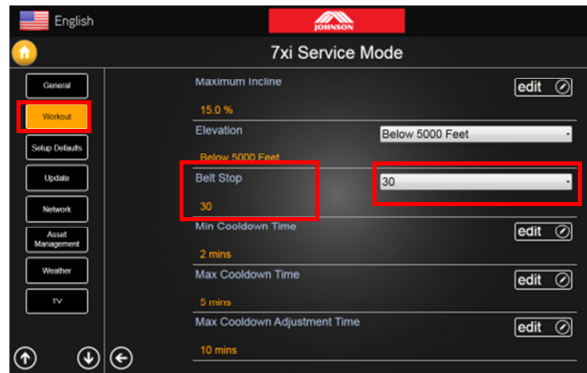
4. How to set up the "Tread Sense" function.

There are 4 options to set up the tread sense: Off, 30 seconds, 60 seconds, and 90 seconds. Default is 30 seconds.
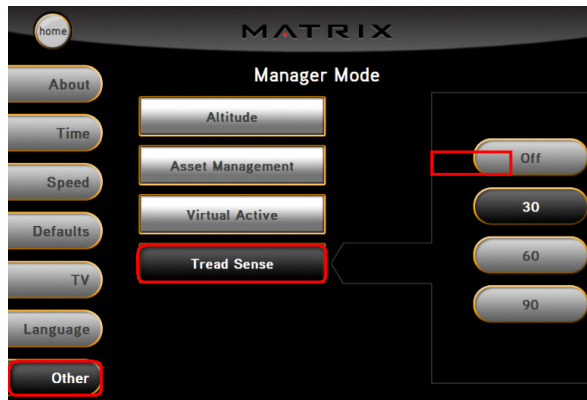
T7xi:

Step 1: Enter Service Mode by pressing 'enter, 3, 0, 0, 1, enter'.

Step 2: Select 'Workout'.

Step 3: Select 'Belt Stop'.

Step 4: Set up time for "Tread Sense" function.

T7xe:

Step 1: Enter manager mode by pressing 'enter, 1, 0, 0, 1, enter'.

Step 2: Select 'Other'.

Step 3: Select 'Tread Sense'.

Step 4: Set up time for "Tread Sense" function.
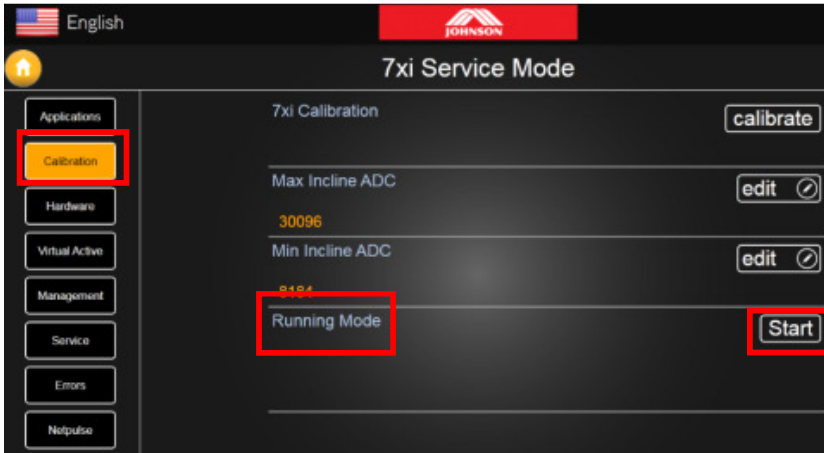

T5x:

Step 1: Press & hold INCLINE DOWN and SPEED DOWN keys to enter manager mode.

Step 2: Select 'Tread Sense'.

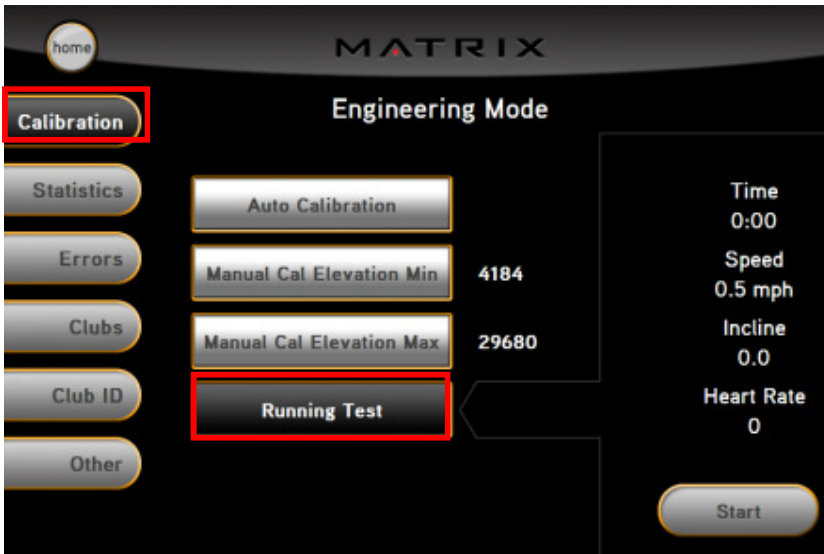Step 3: Set up time for "Tread Sense" function.

5. When Tread sense is "ON", how to do the running test after the installation?

To solve the installing issue like adjusting the belt, JHT has added a "Running test" function on the engineer mode, which allows installers to do the belt adjustment and test. Also this function will not stop until press Stop or exit the mode, it will provide customer for demonstration and other functions.

T7xi:

Check and set up "Running Test'" function.

Step 1: Enter Service Mode by pressing 'enter, 3, 0, 0, 1, enter'.

Step 2: Select 'Calibration'.

Step 3: Select 'Running Mode'.

Step 4: Select 'Start' to run the belt.

T7xe:

Check and set up "Running Test'" function.

Step 1: Enter Engineering mode by pressing 'enter, 2, 0, 0, 1, enter'.

Step 2: Select 'Calibration'.

Step 3: Select 'Running Test'.

Step 4: Select 'Start' to run the belt.

T5x:

Check and set up "Running Test'" function.

Step 1: Press & hold INCLINE DOWN and SPEED DOWN keys to enter Engineering mode.

Step 2: Select 'Running Test'.

Step 3: Press go key to run the belt.

The solutions for the equipment in the field and warehouse

1	Affected models (JHT no.)	All Matrix Treadmills; T50x, T50x-U, T5x, T7xe, T7xi			
2	NA ECR no.	N/A	10	Old part number	Delta MCB: 0000094477/ 1000228669/ 1000231278
3	JHT ECO no.	ECO14060098/ECO14070203/ ECO14040088/ECO14060098/ ECO14090033/ECO14090077/ ECO14090031	11	Old price	223.68/ 221.05/ 199.02 (USD)
4	Implemented date	Sep., 2014	12	New part number	As old
5	Started s/n	N/A	13	New price	As old
6	field service suggestion	■ case by case □ club by club □ rework all	14	S-BOM updated	N/A
7	units in the warehouse	■ no action required □ replace all	15	S-Drawing update	N/A
8	parts in stock	■ no action required □ immediate change	16	photos attached	Yes
9	video available	N/A	17	SOP attached	N/A

	Bulletin type (Draft version or Final version)
■	Draft version due to the implement date and started S/N are not ready yet.
□	Final version, All completed