

WARNING!

IMPORTANT SAFETY INSTRUCTIONS

The symbols and instructions below alert you to important Safety Precautions to follow.

YOUR PERSONAL SAFETY IS AT RISK!



The exclamation point within an equilateral triangle is intended to alert the user to the important operating and maintenance (servicing) instructions in the literature accompanying these units.



The lightning flash with an arrowhead of an equilateral triangle is intended to alert the user to the presence of dangerous voltages within the products enclosure. If not careful, these voltages are of sufficient magnitude to constitute an electric shock to persons.

BEFORE REQUESTING SERVICE

**If your checkout lane is not operational, please follow the guidelines below
BEFORE requesting service from Pan Oston:**

- 1) Have an electrician or store maintenance person verify the checkout lanes are connected to a power source.
- 2) Make sure the front conveyor main power switch(s) are turned to the **ON** position.
- 3) Clean the photo sensors with a cotton swab and rubbing alcohol only. The photo sensors are located on each side of the belt just before the scanner.
- 4) Check the adjustment of the scanner edge guard against the conveyor belt. The correct gap is the thickness of a standard business card. Make any necessary adjustments by turning the adjustment screws on each side of the scanner trim.
- 5) Check the alignment of the conveyor belt. If the belt is not properly tracking, (equal spacing on each side), notify management or in-store maintenance.

BELT TRACKING IS THE RESPONSIBILITY OF THE EQUIPMENT PURCHASER AND IS NOT WARRANTIED BY PAN OSTON.

Refer to the pages following for belt tracking\tensioning procedures.



**Bowling Green, KY
1(800) 472-6678**

USER-MAINTENANCE INSTRUCTIONS

SCANNER TRIM ADJUSTMENT

Once your Pan-Oston belted checkout lanes have been installed, it will be necessary to check the distance (gap) between the scanner trim and the conveyor belt. The desired distance (gap) is between a 1mm and 1.4mm or .04 and .05 decimal inches or the thickness of a standard business card. Refer to the directions below to increase or decrease the distance (gap) between the scanner trim and the conveyor belt.

Following are the procedures for adjusting the scanner trim:

- Step 1: Check the distance between the scanner trim and conveyor belt and maintain the thickness of a standard business card.
- Step 2: If the distance is less than the thickness of a standard business card increase the gap. If the distance is greater than the thickness of a standard business card decrease the gap.
- Step 3: To increase the distance (gap) between the scanner trim and conveyor belt, locate the (2) Phillips head screws on the top side of the scanner trim, at each end, and adjust counter clockwise until the recommended distance is achieved.
- Step 4: To decrease the distance (gap) between the scanner trim and conveyor belt, locate the (2) Phillips head screws on the top side of the scanner trim, at each end, and adjust clockwise until the recommended distance is achieved.
- Step 5: If the recommended distance is not achieved after adjusting the top (2) screws, it may be necessary to loosen the side adjustment screws located on the interior scanner end plate in order to raise or lower the scanner trim plate further.

Scanner trim plate is to be checked daily and adjusted as needed.

- Step 6: In order to ensure a tight fit after the scanner has been installed, it may be necessary to adjust the Filler Angles that are located to the left and behind the scanner. To adjust each Filler Angle, loosen the (2) Phillips head screws, on the top side and slide the Filler Angle toward the scanner until it is firmly against the scanner – then retighten the screws.

- Note: The filler angle has both a short and long side to accommodate various sizes of scanners. It may be necessary to remove the (2) Phillips screws and turn the filler angle to utilize the longer side if a gap exists or if the scanner is not secure in the scanner opening of the checkout lane.

USER – MAINTENANCE INSTRUCTIONS

BELT TRACKING PROCEDURES

- **ATTENTION INSTALLER \ PURCHASER**

Necessary belt tracking adjustments are to be done at the time of installation by the persons doing the install. Following are the steps to follow when making tracking adjustments to the front conveyor belt:

1. Turn power on to the lane. The conveyor belt must be moving when making tracking adjustments.
2. To access the motor tracking bolts, remove the screws from under the stainless steel cover at the front of the conveyor.
4. With the belt moving, using a 9/16” open-end wrench, turn the bolt **clockwise** to move the belt **away** from the side rail where the adjustment is made. Turn the bolt **counter clockwise** to move the belt **toward** the side rail where the adjustment is made.
5. Make all adjustments in half turn increments. Allow 6 belt revolutions between each increment to allow the belt enough time to move in accordance with adjustment made.
6. If the belt is not tracking properly at the scanner end, the tensioning bolt must be adjusted.
7. To access the conveyor-tensioning bolt, remove the retaining screws from the small access panel on the cashier side of the conveyor.
8. To move the belt toward the cashier side, turn the adjustment bolt **clockwise**.
9. To move the belt **away** from the cashier side, turn the adjustment bolt **counter clockwise**.

BELT TENSIONING PROCEDURES

1. Remove the access cover located on the cashier's side of the conveyor just below and to the right of the scanner. Turn the power on the conveyor and begin adjusting the tensioning bolt slowly to apply tension to the belt in order to make the belt move.
2. Remove the stainless steel nose plate, at the front end of the conveyor, to access the two adjustment bolts. Adjust the bolts until the belt runs evenly between the sidewalls.
3. (If Applicable) After the belt has been centered, lock the tensioning bolt in place by tightening the locking nut. This will prevent any movement of the roller.

If additional adjustments are needed, plus (+) or minus (-) one full turn of the adjustment bolts is allowed.

(More than one full turn may cause damage to the motor or the idler roller).

4. When all adjustments are complete, weight test the belt to ensure it will pull at least **100 lbs** of product. After the weight test, reinstall the access plate (rear) and nose plate (front).

USER-MAINTENANCE INSTRUCTIONS

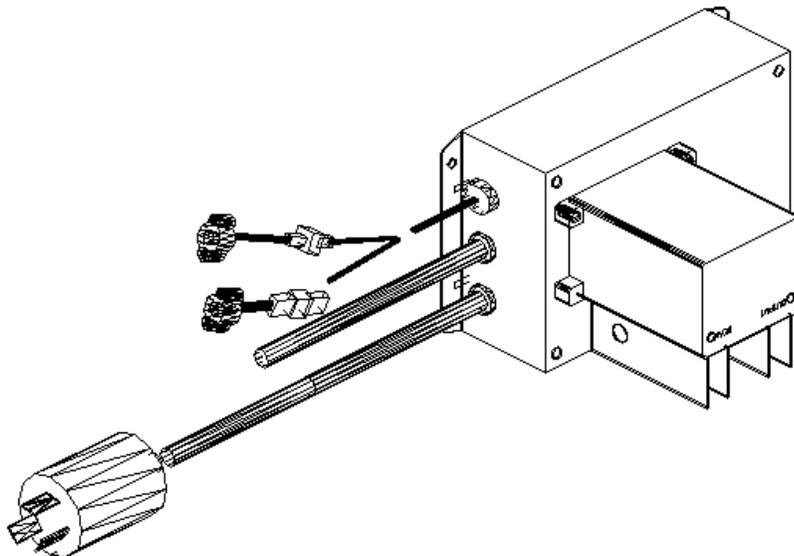
TRI-TRONICS TROUBLESHOOTING AND REPLACEMENT



*Make certain that all power is turned off to the lane before performing any part or component replacements.

*If the conveyor is not operational, make sure the belt control switch is in the on position.

1. *To view the Tri-Tronics module, remove the main access cover on the conveyor. If neither of the lights on the Tri-Tronics module (red or green) is on, check the power cord to ensure it is securely plugged into the power source.
2. *Neither of the lights on the Tri-Tronics module will be on if the Tri-Tronics module is not receiving power or if the timing circuit has timed out. Check the timing circuit by either blocking and unblocking the photo sensors or turning the belt control switch to the off position and then back to the on position.
3. *If the green light of the Tri-Tronics module is on constantly, this is an indication that the unit is receiving power but the photo sensor beam is not being read due to misalignment, damage or defective part.
4. *If the green light is not on but the red light is, this is an indication that the photo sensors are aligned and working properly. Temporarily blocking and unblocking the photo sensors will cause the red light to turn on and off. The motor should be receiving power at this time.
5. *To replace the module, remove the (2) screws and remove the module.



USER MAINTENANCE INSTRUCTIONS

MOTOR / IDLER / PHOTO SENSOR AND BELT REPLACEMENT



Make certain all power is turned **OFF** to the lane before performing any part or component replacements.

The motor is contained and sealed in the drive roller. No parts can be replaced within the roller.

To Replace the Roller Motor:

1. Make certain that the belt control switch is in the **OFF** position and that the check stand power has been disconnected from the store power.
2. Remove the front nose plate at the front end of the conveyor.
3. Using a 9/16" wrench or socket, turn both belt adjustment bolts counter clockwise to loosen the belt and remove the two belt supports under the belt.
4. Remove the two belt supports under the belt
5. Disconnect the motor cable from the Tri-Tronics electrical box and pull the motor cable to the motor.
6. Slide the motor to the center of the conveyor and remove the motor from the motor brackets.
7. Remove the motor from the check stand and reverse the procedure to install the new motor. When the new motor is installed and plugged into the Tri-Tronics electrical box track and tension the belt according to the directions on pages 16 – 17.

To Replace the Idler Roller:

1. Follow steps 1 thru 4 listed above and remove the idler adjustment plate on the cashier side.
2. Remove the adjustment bolt from the idler and remove the idler from the conveyor.
3. Reverse the procedure to install the new idler. When the new idler is installed, track and tension the belt according to the directions on pages 16 – 17.

To Replace the Photo Sensors

1. Remove the (2) screws attaching the photo sensor bracket to the wall,
2. Disconnect the plugs and install the new photo sensors.

Note: If replacing the belt, you must follow the instructions for the removal & replacement of the motor and idler rollers, remove the belt, then follow the tracking and tensions procedures for the belt.