

TSST Kiosk

Quick Start Guide

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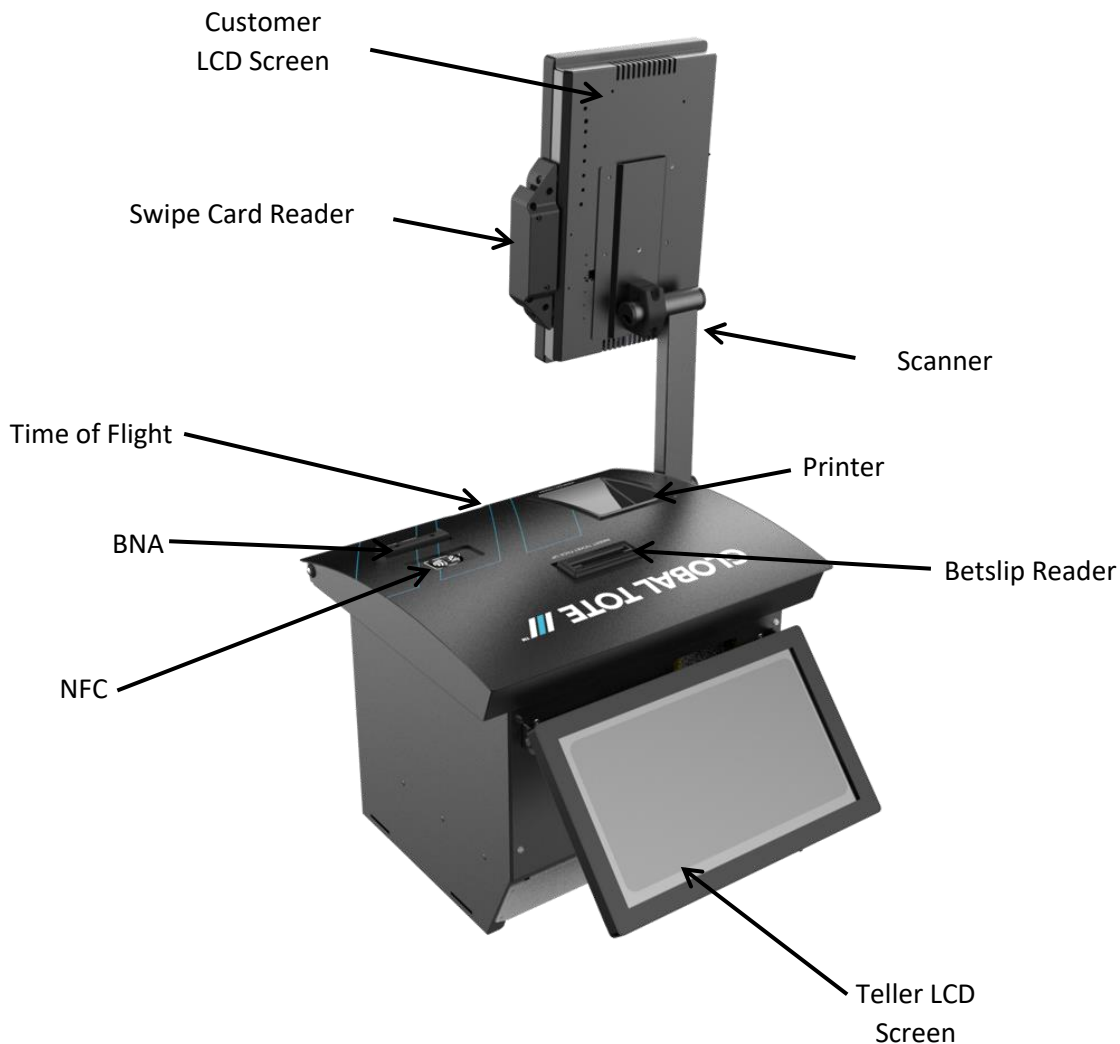
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TSST Kiosk

Part# 15201-GA0xx

Component Descriptions



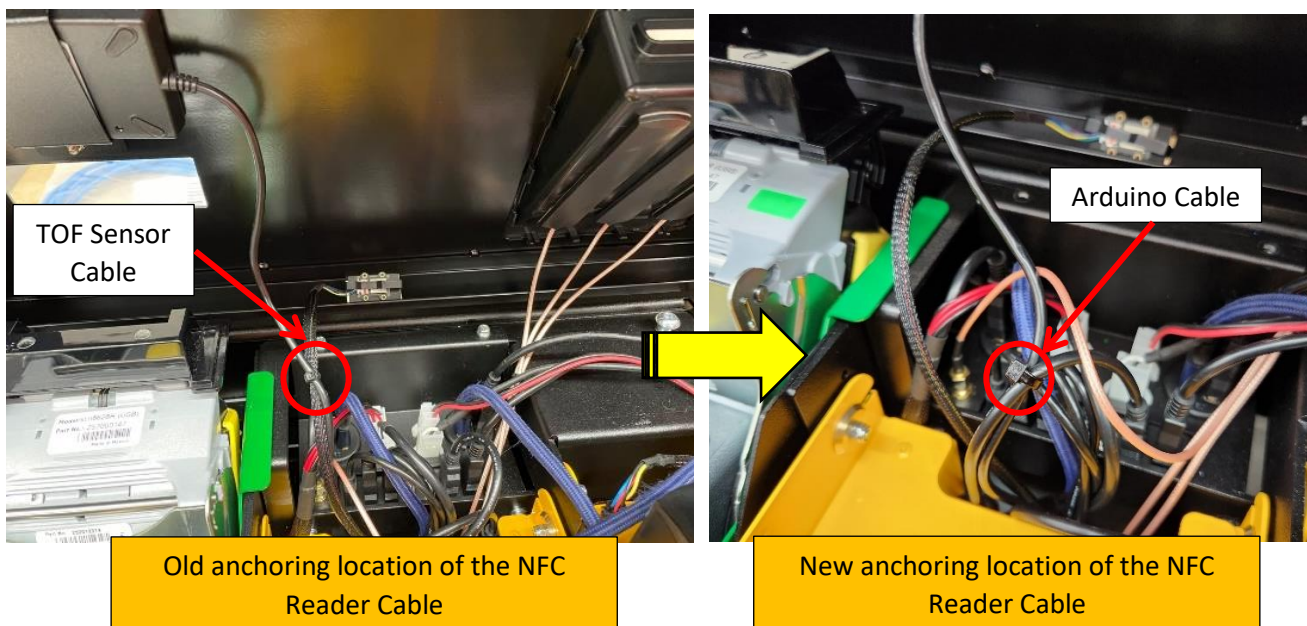
TSST Kiosk – Section #1

Description:

NFC cable anchoring location change

Reason:

Reduce slack on the NFC cable to retain neatly in position


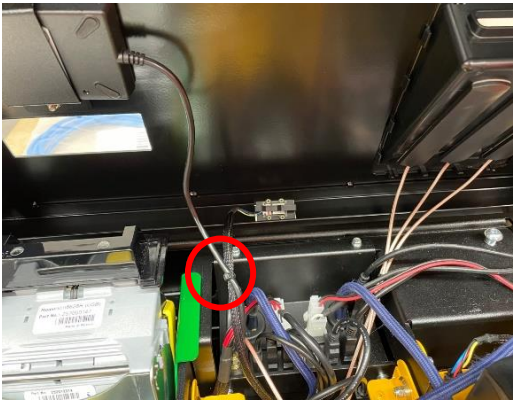



1.0 NFC cable anchoring location change

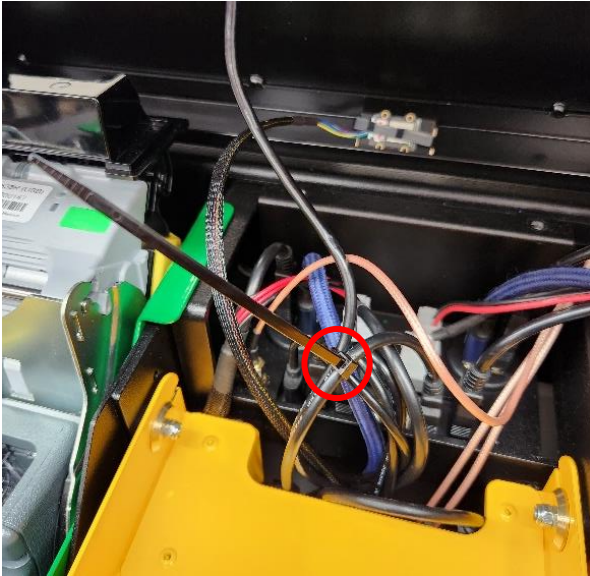
ITEMS NEEDED TO PERFORM THIS TASK

SIDE CUTTER PLIERS

STOCK CODE	DESCRIPTION	QTY
N/A	6-INCH-ZIP-TIES-NYLON-BLACK (CUSTOMER SUPPLY)	1.00

	<p>Unlock and open the Top Door by pushing the Button on the RH side of the Top Door.</p> <p>This provides access to the NFC cable.</p>
	<p>The NFC cable will be attached to the TOF Loom – refer image shown.</p> <p>This fastening point may be allowing excessive cable on the NFC, resulting in routing underneath the Lid & directed towards the Bezel.</p>
	<p>Cut cable tie using Side Cutter Pliers.</p>

1.0 NFC cable anchoring location change (Continued)

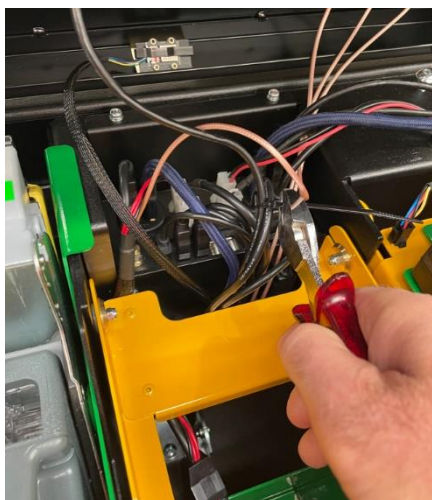


Try to relocate the fastening position of the NFC cable to the RH side of the Lid. Connect the NFC cable to a Kiosk Loom on the USB Hub. In this example, select the Arduino Cable – refer image below for approx. position.

Loosely install 140mm (6”) cable tie. Purchasing details: <https://www.walmart.com/ip/100-PACK-6-INCH-ZIP-TIES-NYLON-BLACK-40-LBS-UV-WEATHER-RESISTANT-WIRE-CABLE/506662852>



Open & close TSST Lid whilst watching the NFC Cable, to ensure that it does not route towards the Bezel Beak as shown in example.



Once confirmed, tighten the cable tie.
Cut cable tie waste.

TSST Kiosk – Section #2

Description:

Recrimp LCD Connector & install Patch Loom

Reason:

Solve customer screen flickering issue



Add Patch Loom

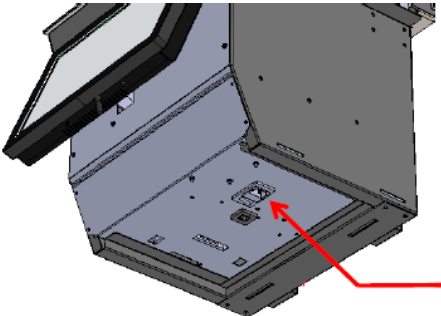

Recrimp Connector

2.0 Recrimp LCD Connector & install Patch Loom

ITEMS NEEDED TO PERFORM THIS TASK

MOLEX MINIFIT CRIMP TOOL
SIDE CUTTERS
#2 PHILLIPS HEAD SCREWDRIVER
WIRE STRIPPERS

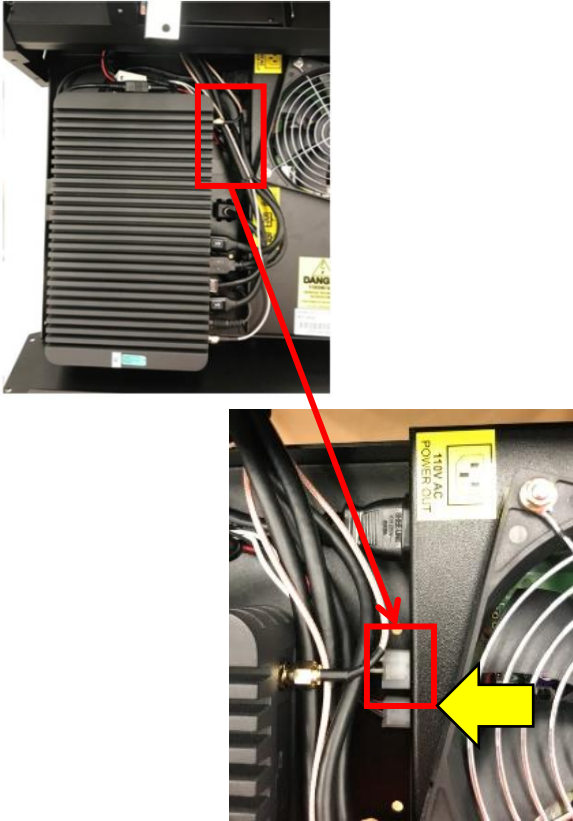

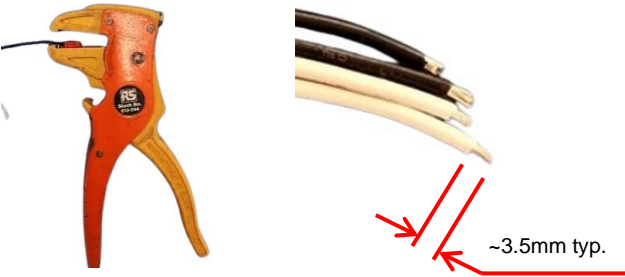

STOCK CODE	DESCRIPTION	QTY
CNSKT-000168	MOLEX 5557 MINI FIT 6 WAY	1.00
CNPIN-000012	CRIMP MOLEX 5556 F/MALE 18AWG	4.00
15301-LM030	PATCH LOOM	1.00

	<p>Prior to starting the installation of the PATCH LOOM, switch the plug from I → O on the underside of the Kiosk.</p> <p>Remove the Power Lead & Network Cable.</p>
	<p>Unlock and open the Top Door by pushing the Button on the RH side of the Top Door.</p>

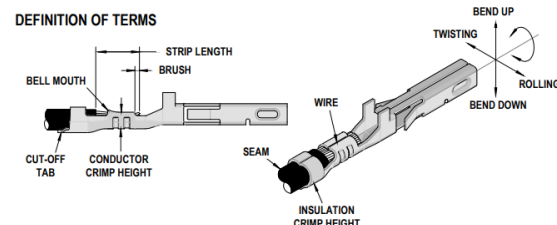
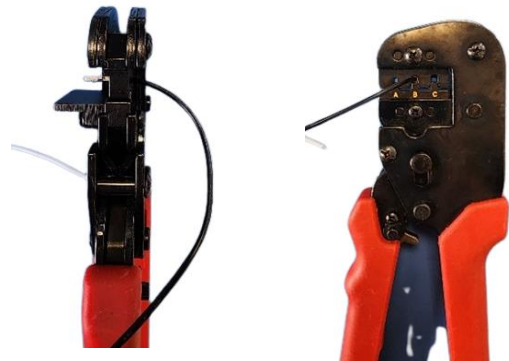
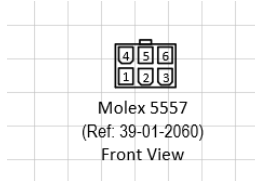



2.0 Recrimp LCD Connector & install Patch Loom (Continued)

	<p>The PC Tray is in the bottom of the Kiosk.</p> <p>Access to the Tray is from the Teller LCD Screen side of the Kiosk.</p>
	<p>Re-orientate the Teller LCD Screen upwards to the full horizontal position to allow access to the PC Tray.</p>
	<p>Remove & retain 4x Pan Head Screws fastening the PC Tray to the Main Frame using a #2 Phillips Head Screwdriver.</p>
	<p>The PC Tray travel is limited by the Main Loom length.</p> <p>Partially pull out the PC Tray ensuring that there is suitable support under the PC Tray.</p>



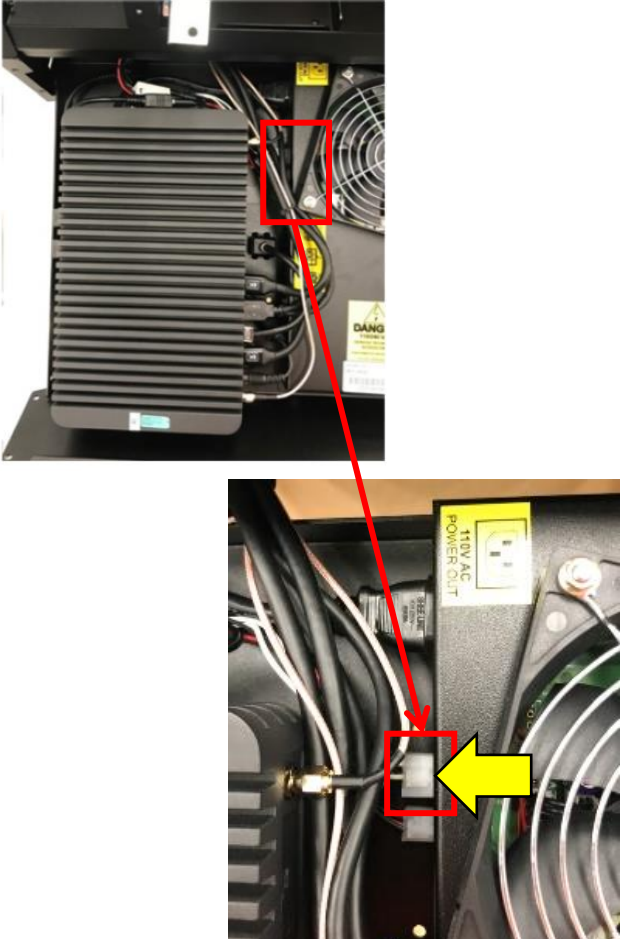
2.0 Recrimp LCD Connector & install Patch Loom (Continued)

	<p>Disconnect the 6-Pin Molex plug from the PC Tray in area shown.</p>
	<p>Using side cutters, cut off loom as close to the 6 Pin connectors as possible.</p>
	<p>Locate stripping tool and strip ~3.5mm of sheath off each of the 4 wires.</p>
	<p>Using Molex Minifit crimping tool, place 1x CRIMP MOLEX 5556 F/MALE 18AWG (CNPIN-000012) into the middle slot of the Molex Minifit crimping tool as shown.</p>

2.0 Recrimp LCD Connector & install Patch Loom (Continued)

<p>DEFINITION OF TERMS</p>  	<p>Place stripped cable into crimp located inside the Molex crimper to the depth shown in the diagram.</p>
	<p>Clamp fully closed and the tool will release automatically.</p> <p>Repeat Steps 10 & 11 for each of the four stripped wires.</p>
 <p>Molex 5557 (Ref: 39-01-2060) Front View</p>   	<p>Locating CNSKT-000168 place crimped cables using the orientation showed in the diagram into the housing copying the pinout:</p> <ul style="list-style-type: none"> Pin1: Empty. Pin2: Black Cable. Pin3: Black Cable. Pin4: Empty. Pin5: White Cable. Pin6: White Cable. <p>(Refer to images for further information).</p>

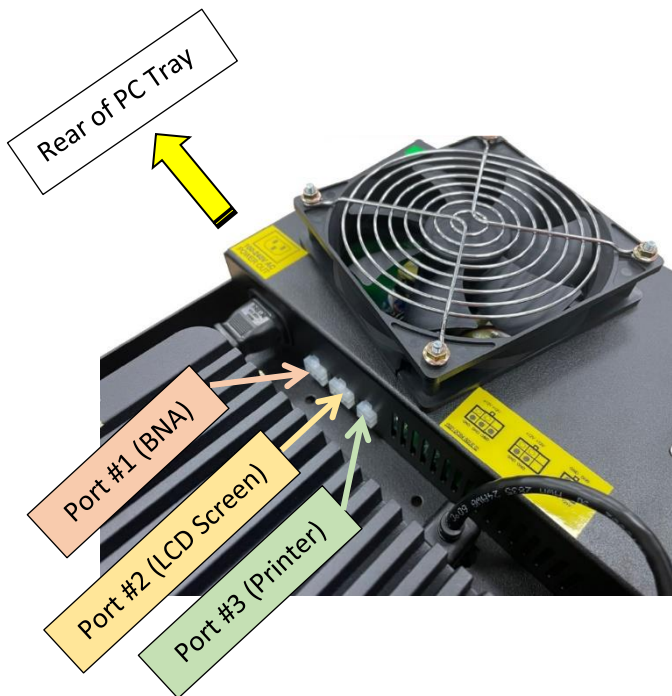
2.0 Recrimp LCD Connector & install Patch Loom (Continued)

	<p>Select 1x 15301-LM030 Patch Loom from packaging.</p>
	<p>Connect the 15301-LM030 Patch Loom between the new crimped 6-Pin Molex plug & the PC Tray.</p>
	<p>Return Cable to location it was removed from with the patch cable in between the newly crimped cable and the PSU.</p>

2.0 Recrimp LCD Connector & install Patch Loom (Continued)





Prior to completing this task, validate that the connectors are installed into the correct Ports in the PC Tray.



The Plugs are installed into the Ports:

- BNA Port #1.
- LCD Screen Port #2.
- Printer Port #3.

2.0 Recrimp LCD Connector & install Patch Loom (Continued)

	<p>Prepare to re-install the PC Tray back into the Kiosk.</p> <p>Check: Ensure that the Looms do not catch on the PC Tray when sliding in.</p> <p>If the Looms catch, pull out the PC Tray to re-adjust the Looms.</p>
	<p>Re-install the 4x Pan Head Screws to fasten the PC Tray into the Main Frame.</p>
	<p>Close the Top Door by pushing down waiting for a "click" to indicate locked position.</p>
	<p>Install the Power Lead & Network Cable to the underside of the Kiosk.</p> <p>Switch the plug from O → I.</p>
	<p>Conduct function test on Teller & Customer LCD Screens to validate performance.</p>

TSST Kiosk – Section #3

Description:

Add Key Sleeve & Decal to BNA Door Lock

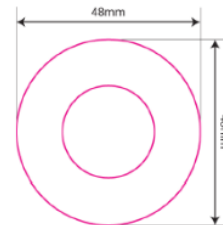
Reason:

Ensure correct keys are used in the correct locks to avoid damage

BNA Door Key Sleeve:



BNA Door Lock Decal:



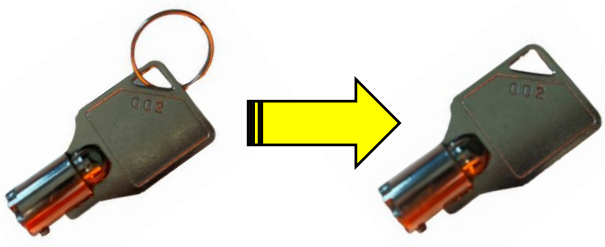
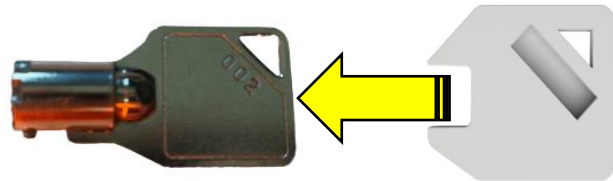



3.0 Add Key Sleeve & Decal to BNA Door Lock

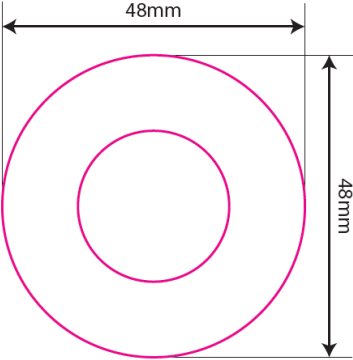
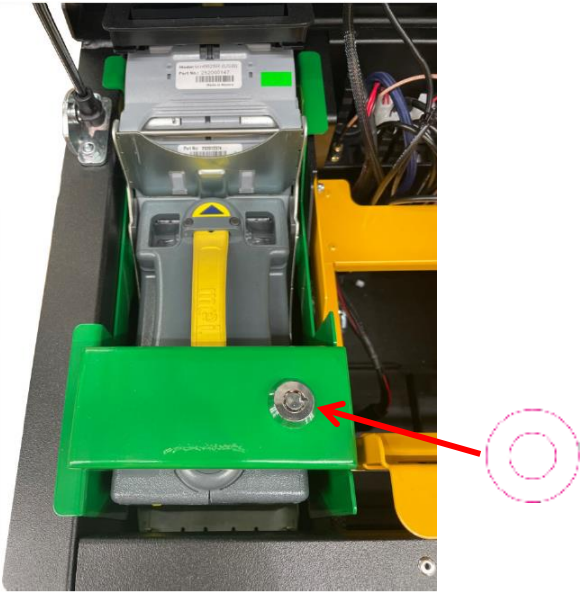
ITEMS NEEDED TO PERFORM THIS TASK

TOOLS NOT REQUIRED

STOCK CODE	DESCRIPTION	QTY
15301-IM011	KEY SLEEVE - WHITE	1.00
15301-DC007	WHITE LOCK BORDER	1.00

	<p>BNA Key: <u>002.</u></p>
	<p>The BNA Key requires the addition of a White Key Sleeve.</p>
	<p>Remove the Split Key Ring from the Key.</p>
	<p>Install the White Key Sleeve onto the BNA Key in direction shown.</p>
	<p>Re-install Split Key Ring to retain the White Key Sleeve onto the key.</p>

3.0 Add Key Sleeve & Decal to BNA Door Lock

	<p>Remove the 15301-DC007 – WHITE LOCK BORDER Decal from the packaging.</p>
	<p>Peel the White Lock Border Decal from the backing paper.</p> <p>Apply the White Lock Border Decal over the BNA Door Lock in position shown.</p> <p>Apply firm pressure onto the Decal to activate adhesive.</p>

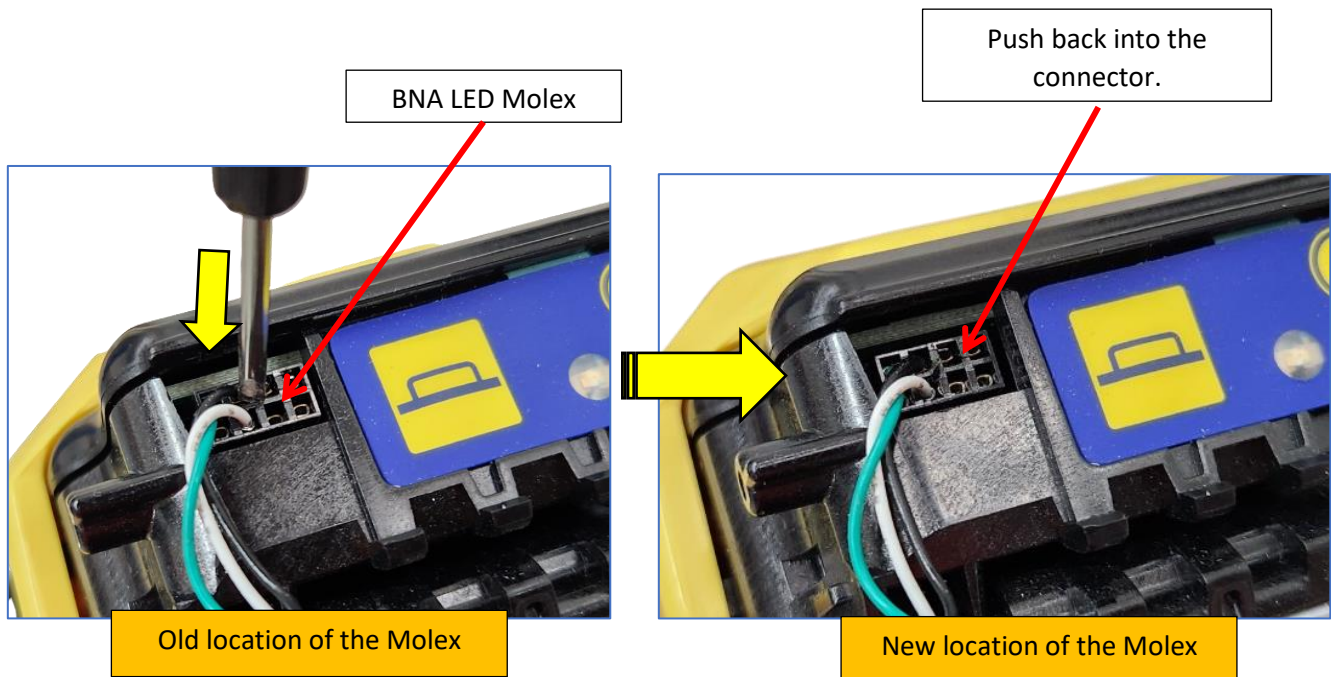
TSST Kiosk – Section #4

Description:

BNA LED Bezel Light not illuminating – Troubleshooting + Validating Bezel LED's

Reason:

Ensure LED lights on BNA bezel function properly



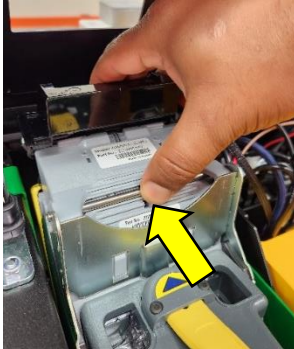
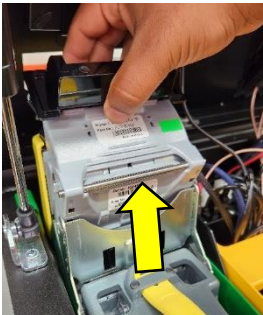


4.0 BNA LED Bezel Light not illuminating – Troubleshooting



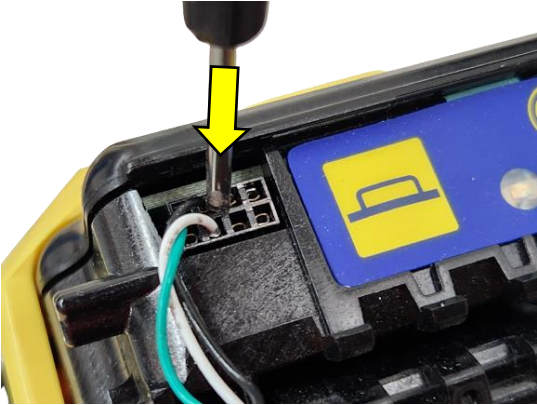
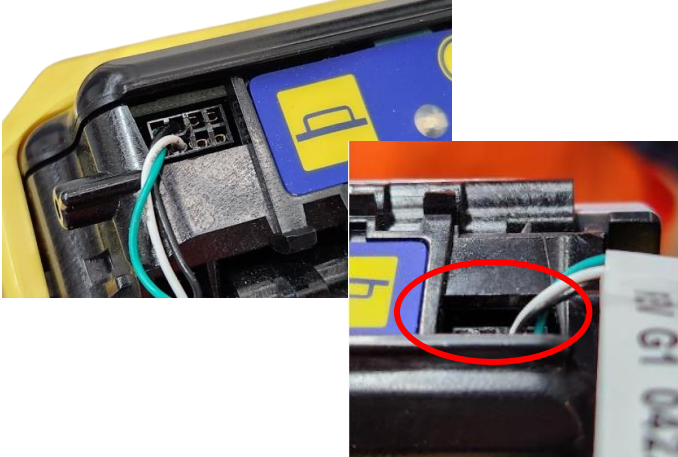
ITEMS NEEDED TO PERFORM THIS TASK

FLAT SCREWDRIVER

STOCK CODE	DESCRIPTION	QTY
N/A	N/A	N/A

	<p>If the lights on the BNA beak are not illuminating, complete the following steps.</p> <p>Unlock and open the Top Door by pushing the Button on the RH side of the Top Door.</p> <p>This provides access to the BNA.</p>
	<p>Remove the BNA Beak Cover.</p>
	<p>Push the locking rod in the direction shown on the BNA to disengage the BNA Head from the rest of the mechanism.</p>
	<p>Once the locking rod is disengaged, lift the BNA Head in the upward direction as shown to remove from Kiosk.</p>

4.0 BNA LED Bezel Light not illuminating – Troubleshooting (Continued)

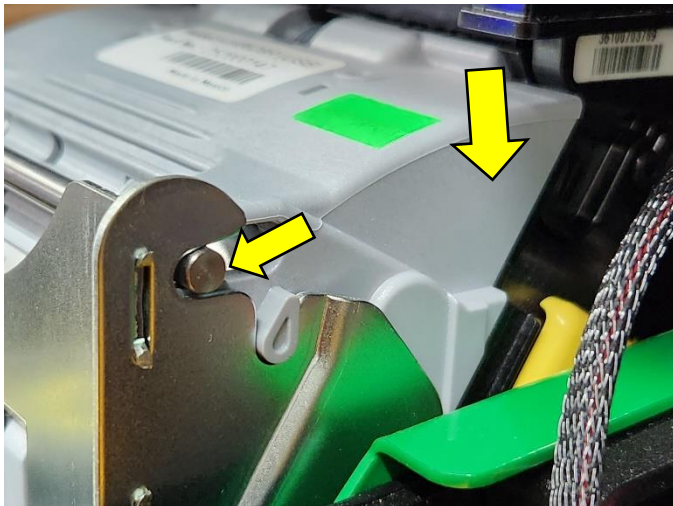
	<p>Pry the LED Bezel from the BNA Head using a small screwdriver (or similar) to disassemble it.</p> <p>Repeat the step on the other side of the BNA Head.</p>
	<p>Once disassembled, separate the LED Bezel from the BNA Head.</p>
	<p>Using a Flat Screwdriver (or similar), push the LED Bezel Molex connector further into the BNA Head in direction shown.</p>
	<p>Check that the BNA Bezel Molex connector is below the plastic.</p> <p>The connector should make a small click sound at its maximum depth.</p>

4.0 BNA LED Bezel Light not illuminating – Troubleshooting (Continued)



Reassemble the LED Bezel onto the BNA Head.

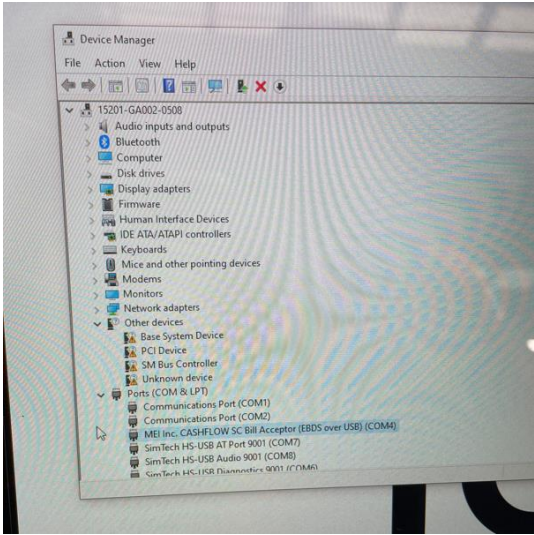
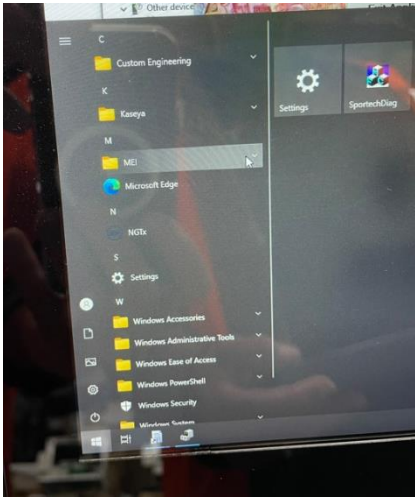
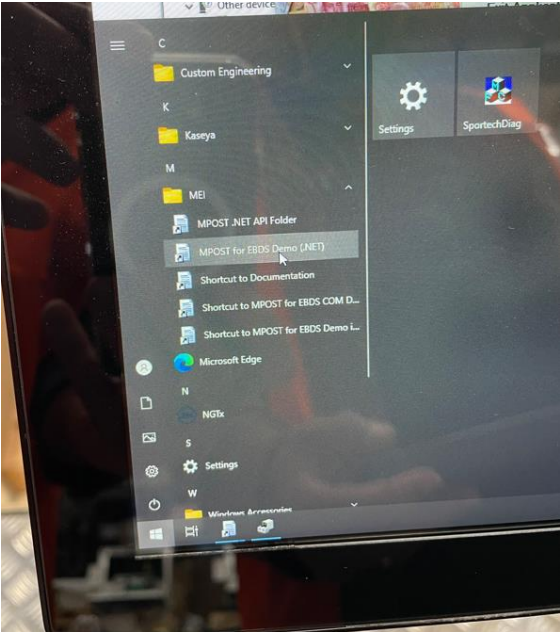
Check that the BNA Bezel wires are routed towards the outside of the Bezel as shown.



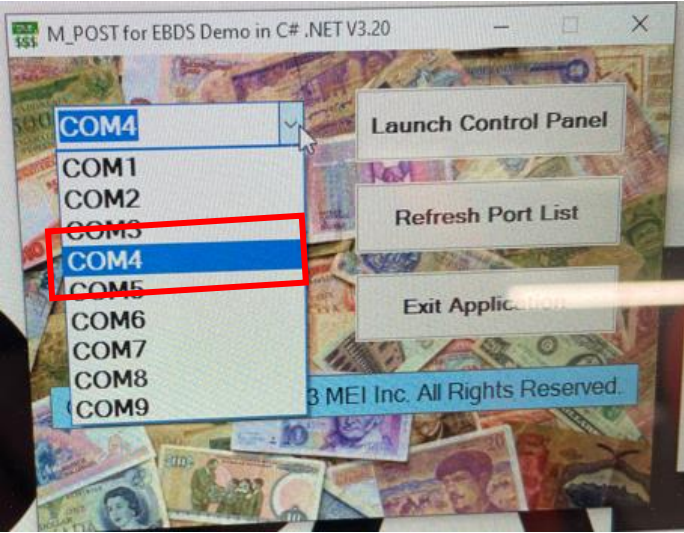
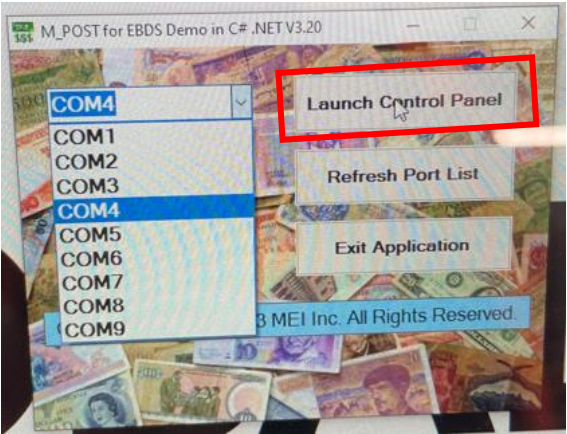
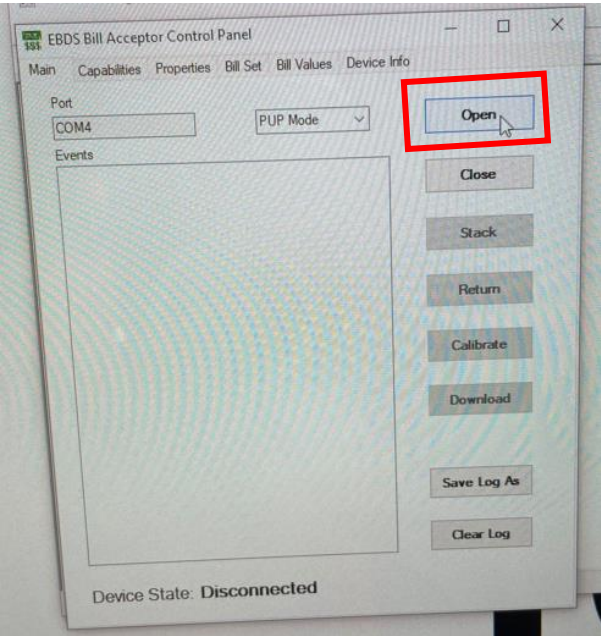
Re-install the BNA Head back into the mechanism and push it downwards.

Check that the locking rod engages into the metal bracket of the mechanism as shown.

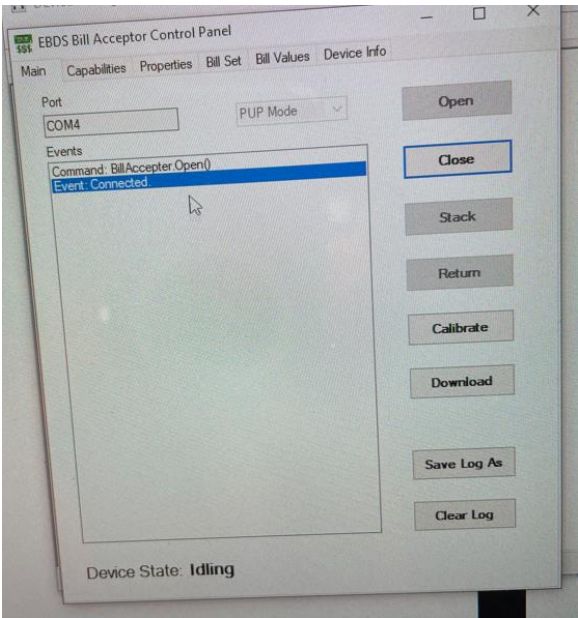

4.0 Validating TSST Bezel LED's

	<p>Open Device Manager & confirm COM# for MEI.</p> <p>In this example, the MEI is COM4.</p> <p>Note: The COM numbers are assigned by Windows and are subject to change.</p>
	<p>Select → Start → MEI from menu.</p>
	<p>Select → MPOST for EBDS Demo (.NET) under MEI.</p>

4.0 Validating TSST Bezel LED's (Continued)

	<p>Select pull down menu → COM4.</p>
	<p>Select "Launch Control Panel".</p>
	<p>EBDS Control Panel will appear as image. Select "Open".</p>

4.0 Validating TSST Bezel LED's (Continued)

	<p>Unit will cycle & show the following actions.</p>
	<p>The Bezel LED's will illuminate as shown.</p> <p>If the Bezel LED's do not illuminate, replace the Bezel.</p>

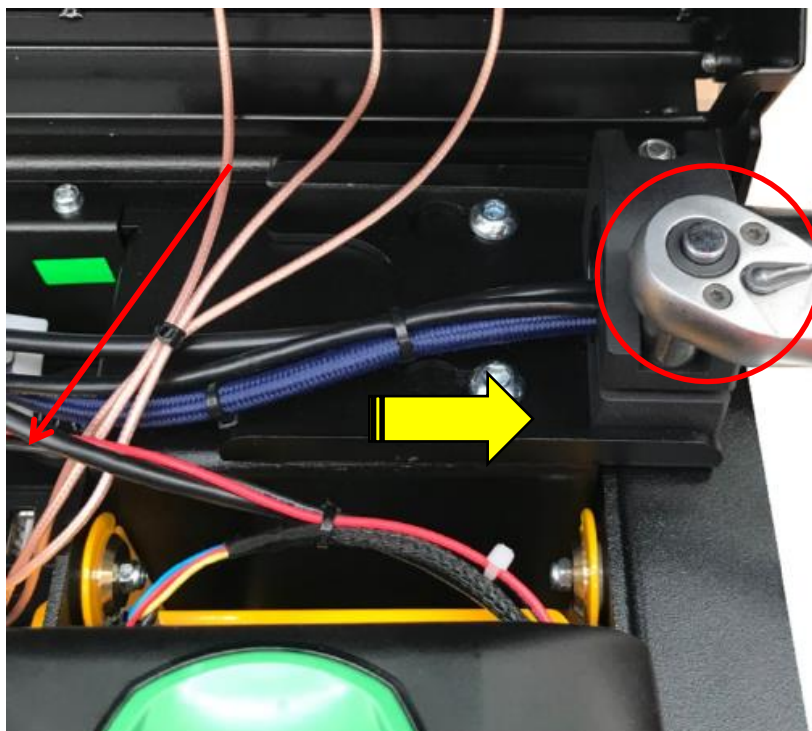
TSST Kiosk – Section #5

Description:

Customer LCD Screen tightening Nuts

Reason:

Ensure screen stays in desired position




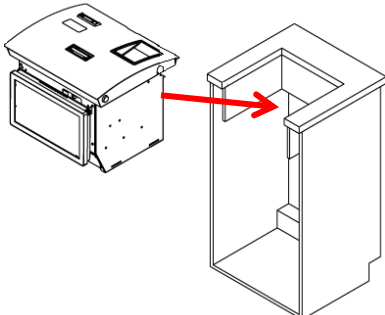

Correct tightening of
Customer LCD Screen Nuts

5.0 Customer LCD Screen tightening Nuts

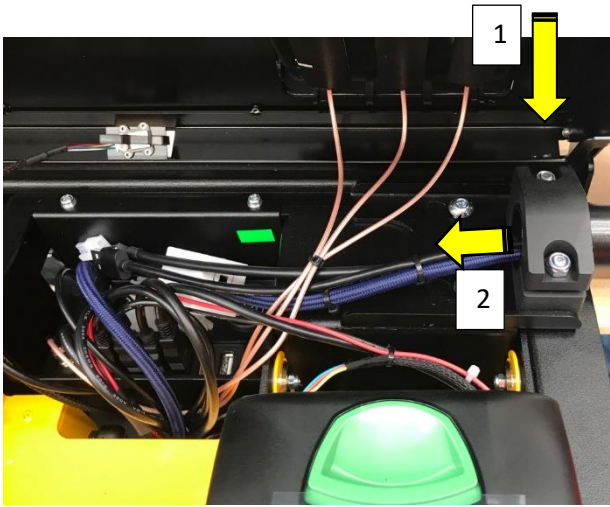
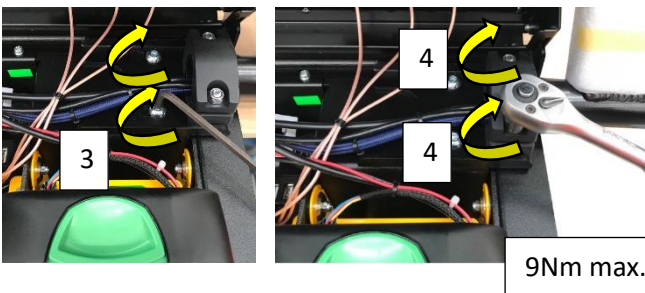
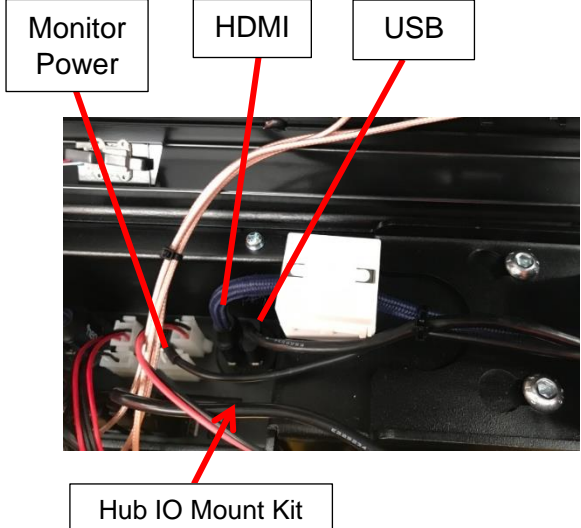
ITEMS NEEDED TO PERFORM THIS TASK

5mm ALLEN KEY
10mm SOCKET HEAD DRIVE SOCKET & HANDLE
10mm SOCKET HEAD DRIVE SOCKET & ¼" DRIVE TORQUE WRENCH

STOCK CODE	DESCRIPTION	QTY

	<p>Remove the strapping from the TSST outer carton. Caution: The strapping is under tension and can flick when cut.</p> <p>Carefully lift the outer carton off the Pallet. Ensure the internal packaging is free from damage.</p> <p>Remove all packaging provided from the Kiosk components.</p> <p>Remove and clear the film from the Teller LCD screen.</p>
	<p>Carefully remove the Kiosk off the Pallet and assemble following the Betmakers User Service Manual.</p> <p>Position the Kiosk in the final location.</p> <p>Caution: Kiosk weight without = 62lbs. Kiosk weight with BNA = 72lbs.</p> <p>Kiosk requires a two-person lift.</p>
	<p>Carefully remove the Customer Screen from the separate packaging.</p> <p>The Stand Arm is supplied in a folded pack position and will need to be adjusted for installation into the Kiosk.</p> <p>Prior to installation into the TSST Main Chassis, adjust & firmly tighten the:</p> <ul style="list-style-type: none"> • 2x M6 Unbrako Bolts on rear of LCD Screen using a 5mm Allen Key • 2x M6 Nyloc Nuts on the LCD Stand Arm using a 10mm Socket Head Drive Socket & Handle.

5.0 Customer LCD Screen tightening Nuts (Continued)

  <p>9Nm max.</p>	<p>Step 1: Open the TSST Top Lid & present the Customer Screen assembly to the TSST Main Chassis.</p> <p>Step 2: Position and slide the LCD Screen Mount to the TSST Main Chassis towards the LH Side, nesting the Mount into the slotted holes.</p> <p>Step 3: Tighten 2x Button Head Screws using a 5mm Allen Key.</p> <p>Readjust the Customer Screen to the preferred position & tighten:</p> <ul style="list-style-type: none"> - 2x M6 Unbrako Bolts on rear of LCD Screen using a 5mm Allen Key. <p>Step 4: 2x M6 Nyloc Nuts on the LCD Stand Arm using a 10mm Socket Head Drive Socket & ¼" Drive Torque Wrench to 9Nm max.</p>
	<p>Connect 3x LCD Screen Loom plugs into the Hub IO Mount Kit.</p> <p>Ensure plugs "click" into each connection.</p> <p>To ensure that the Ferrite completely clears the Ticket Chute, push the Ferrite along the HDMI Loom towards the Hub IO Mount Kit as shown.</p> <p>Remove green plastic film & white protective film from the Customer Screen assembly.</p>