

NEO PRODUCTS - WORK INSTRUCTION

BETMAKERS TSST

NUMBER	ISSUE	CHANGE	DATE	ISSUED BY
15201-SERV010	A	Initial Production Release	29-09-22	LD
DESCRIPTION	B	Filename updated (ECN 6477)	13-10-23	LD
TSST SPARE ARDUINO KIT	C			
	D			
	E			

ITEMS NEEDED TO PERFORM THIS TASK

#1 PHILLIPS HEAD SCREWDRIVER
#2 PHILLIPS HEAD SCREWDRIVER
8mm OPEN END SPANNER (2x)
1 1/4" OPEN END SPANNER
SIDE CUTTER PLIERS
MULTI METER

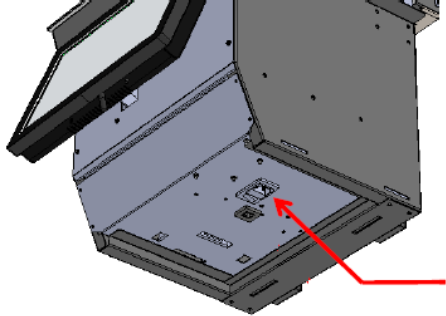

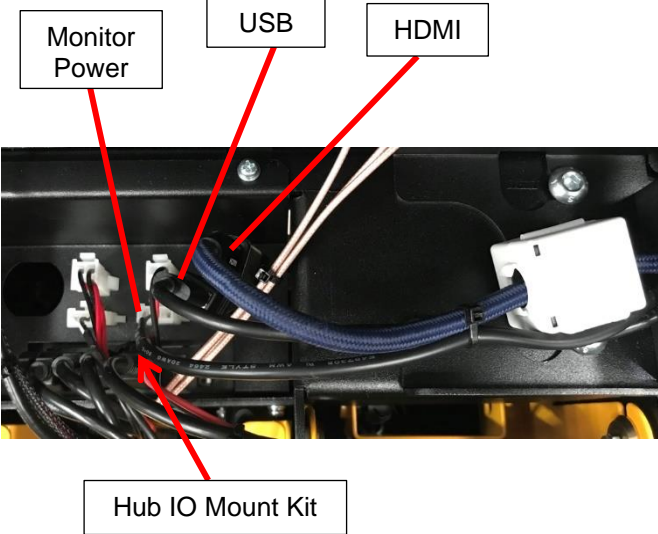



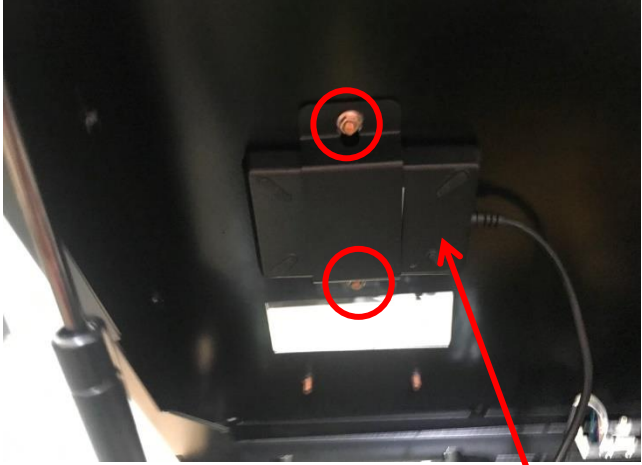
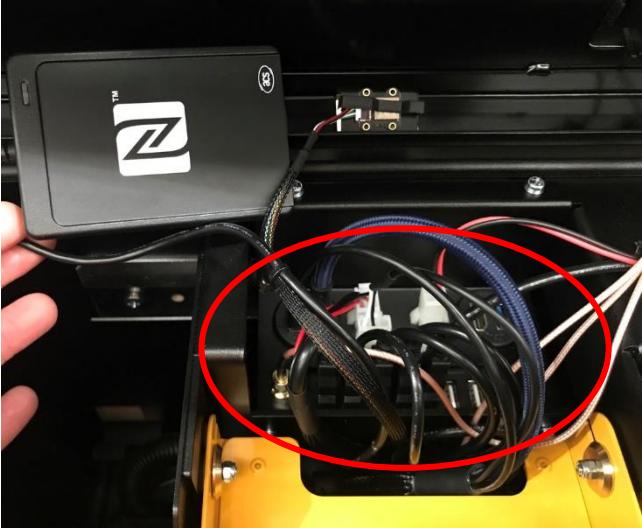
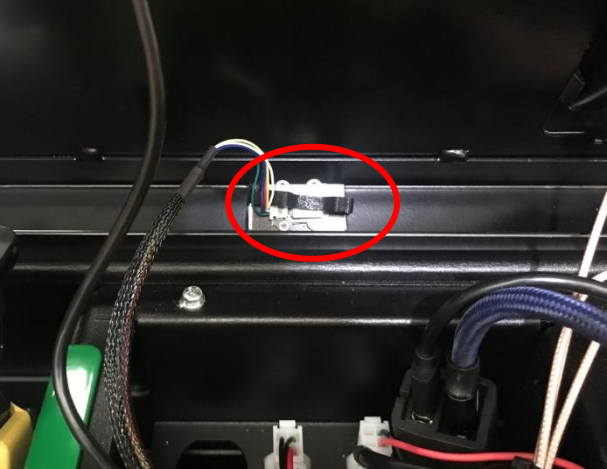
ARDUINO NANO V3.0

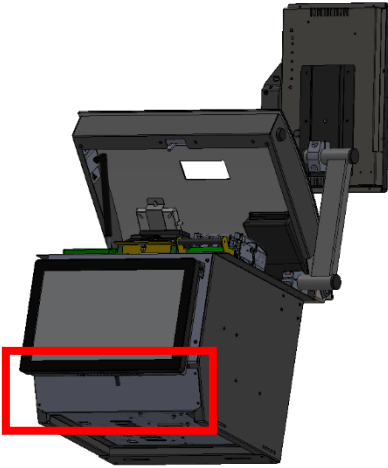





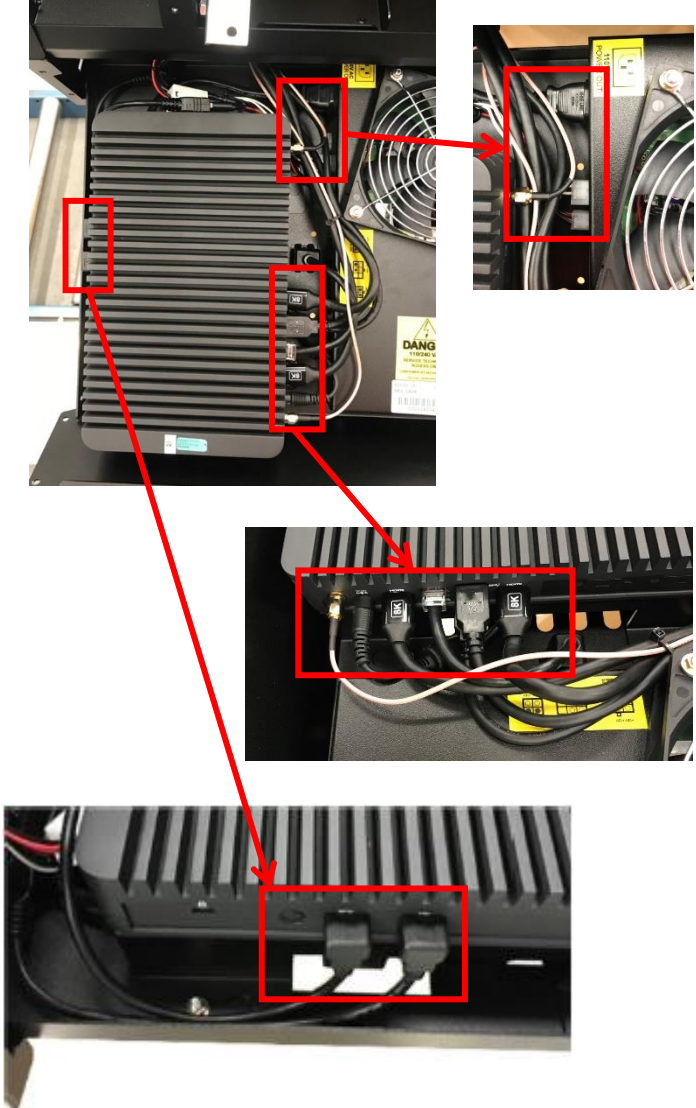
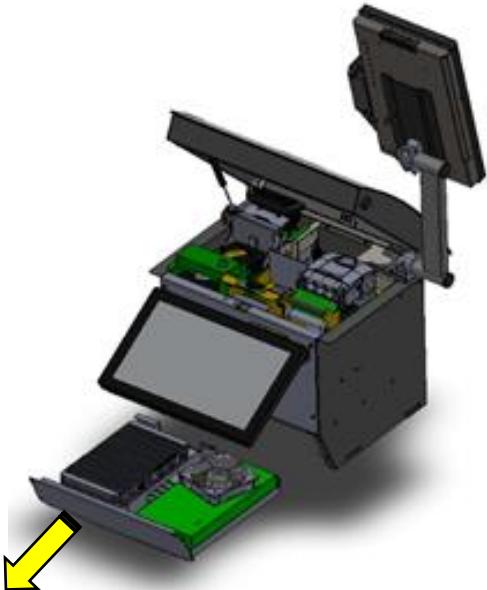
ARDUINO NANO SHIELD


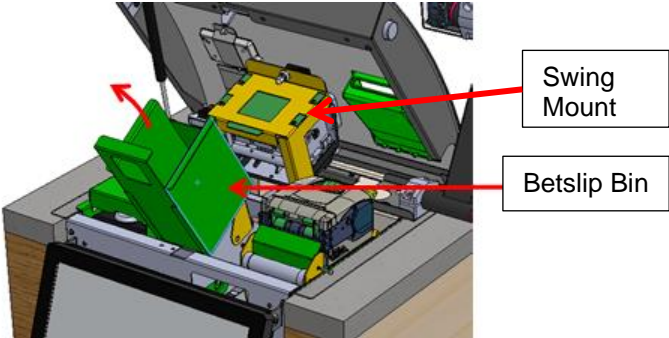
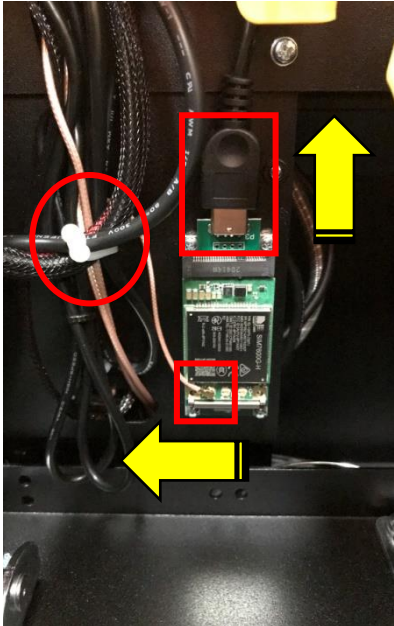
ITEM #	STOCK CODE	DESCRIPTION	QTY
1	OECPU-000213	ARDUINO NANO V3.0 ATMEGA328P 16M 5V	1.00
2	OEPCB-000079	ARDUINO NANO SHIELD	1.00
3			
4			
5			
6			
7			
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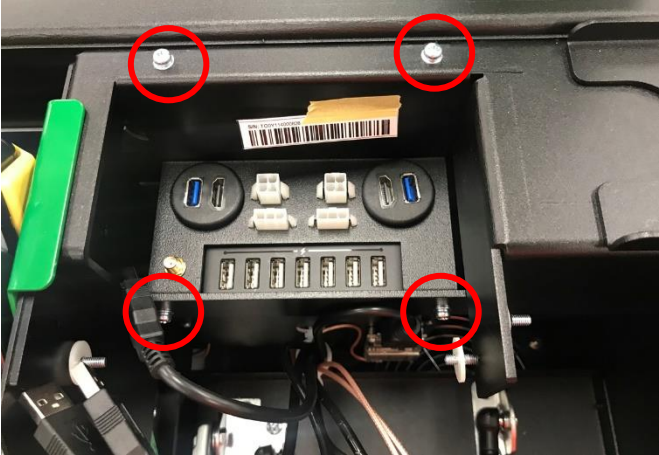
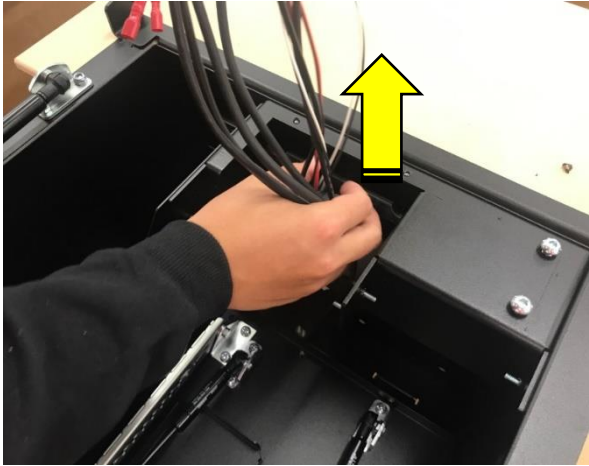
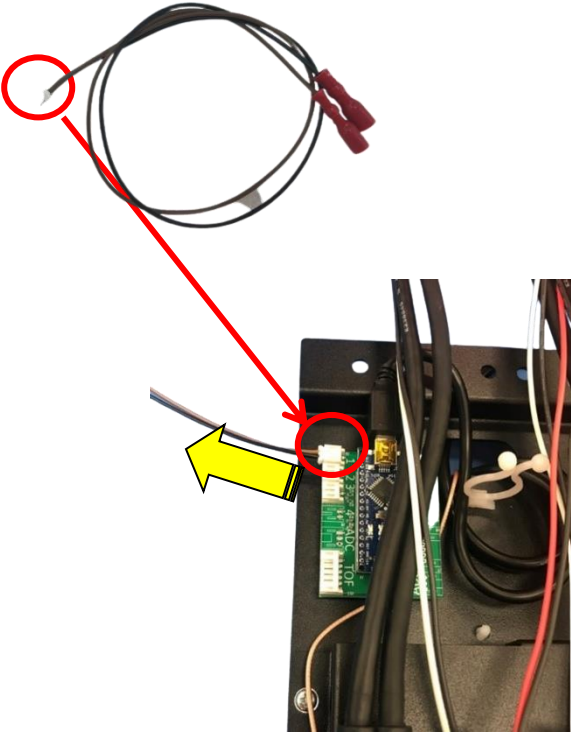
STEP	IMAGE	DESCRIPTION
1		<p>Prior to starting the TSST SPARE ARDUINO KIT removal, switch the plug from I → O on the underside of the Kiosk.</p>
2		<p>Unlock and open the Top Door by pushing the Button on the RH side of the Top Door.</p>
3		<p>Disconnect the 3x Customer LCD Screen Loom plugs from the Hub IO Mount Kit:</p> <ul style="list-style-type: none"> - HDMI - USB - Monitor Power
4		<p>Customer LCD Screen Loom plugs to be stored for refitment to HUB IO MNT.</p>

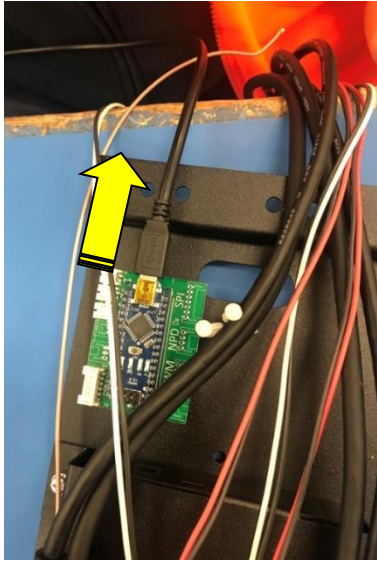
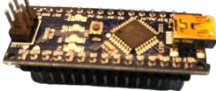

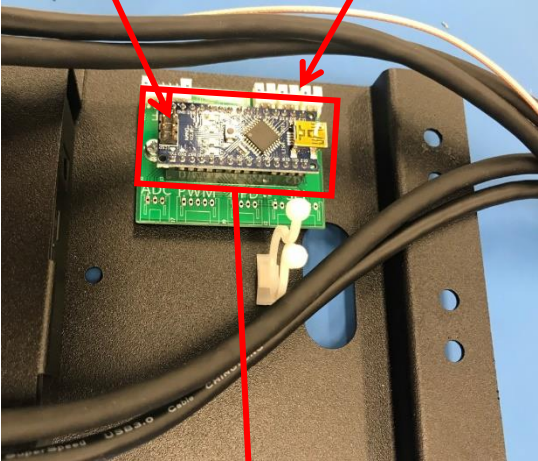

STEP	IMAGE	DESCRIPTION
5	 <div data-bbox="746 757 932 842" style="border: 1px solid black; padding: 2px; display: inline-block;">NFC Card Reader</div>	<p>Remove & retain the 2x M4 Wizlock Nuts holding the NFC Contactless Smart Card Reader and NFC Mount to the Top Lid using a 7mm Socket Head & Handle.</p>
6		<p>Remove all Chassis Loom USB plugs & Molex Connectors from the HUB IO MNT KIT ports as shown.</p>
7	 <div data-bbox="796 2000 948 2045" style="border: 1px solid black; padding: 2px; display: inline-block;">Retainer</div>	<p>Remove & retain the Retainer holding the Laser Ranging Sensor into position on the Top Lid to access the connector for removal.</p> <p>Unclip the Loom connector from the Laser Ranging Sensor.</p> <p>Reattach the Retainer onto the Laser Ranging Sensor.</p>

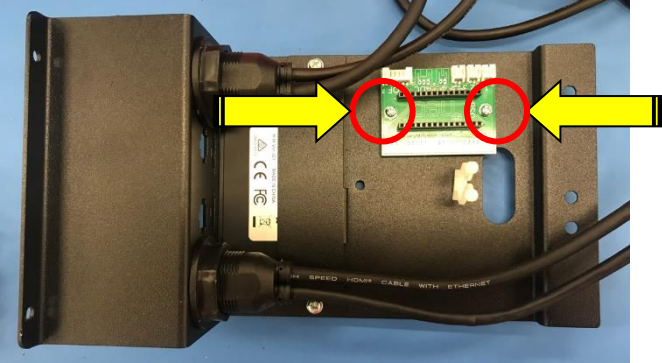



STEP	IMAGE	DESCRIPTION
8		<p>The PC is in the Tray in the bottom of the Kiosk.</p> <p>Access to the PC Tray is from the Teller side.</p>
9		<p>Re-orientate the Teller LCD Screen upwards to the full horizontal position to allow access to the PC Tray.</p>
10		<p>Remove & retain 4x Pan Head Screws fastening the PC Tray to the Main Frame.</p>
11		<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 prior to full removal.</p>

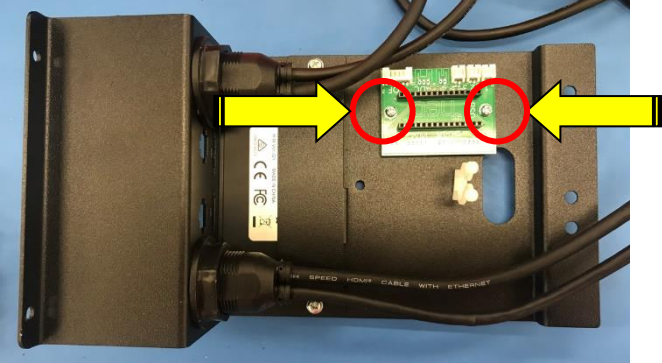
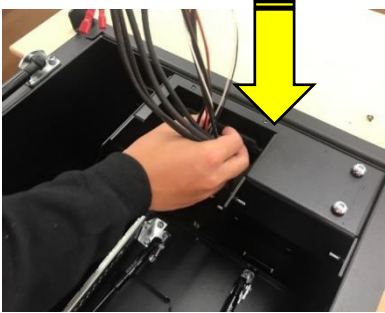
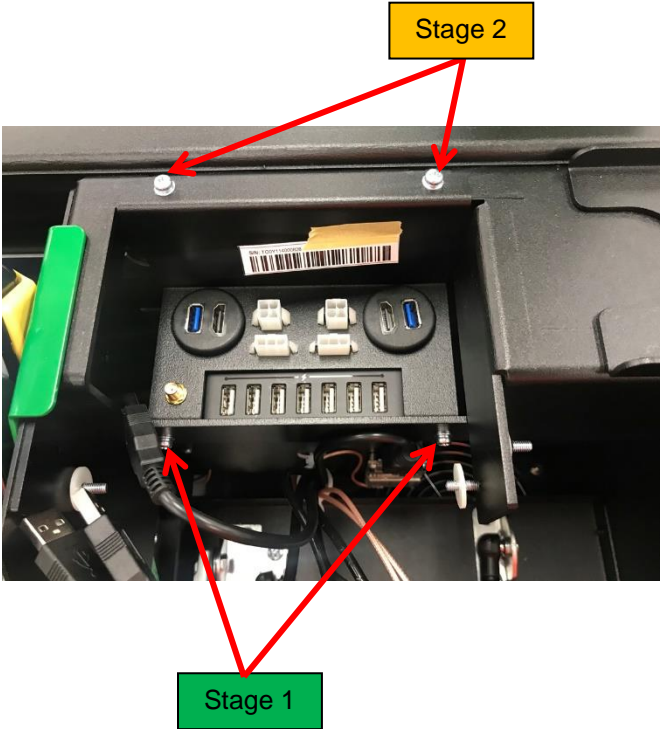
STEP	IMAGE	DESCRIPTION
12	 <p>The image consists of three photographs showing the back of a PC chassis. The top-left photo shows the rear panel with several cables plugged in; red boxes highlight the HUB IO MNT Loom plugs and their connection points. The top-right photo is a close-up of the cables being disconnected. The bottom photo is another close-up showing the removal of the Loom connectors from the ports.</p>	<p>Disconnect all HUB IO MNT Loom plugs from the PC as shown.</p> <p>NOTE: Prior to removing the Loom Connectors from the PC, consider marking these to assist with the reconnection with the PC at the later Step.</p>
13	 <p>The image shows a kiosk with its PC tray partially open. A yellow arrow points downwards from the tray, indicating the direction to pull it out of the kiosk.</p>	<p>Once all HUB IO MNT Loom plugs are disconnected, the PC Tray can be completely removed from the Kiosk.</p> <p>Store for refitment at later Step.</p>


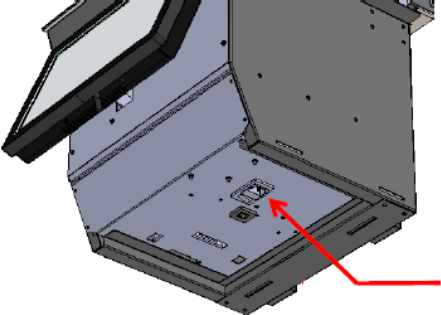
STEP	IMAGE	DESCRIPTION
14		<p>Rotate the Paper Roll Swing Bracket in an upwards direction.</p> <p>The Paper Roll can remain the Swing Bracket as this does not affect the HUB IO MNT removal process.</p>
15		<p>The HUB IO MNT is in the Main Frame against the rear wall, behind the Bet Slip Reader Swing Mount.</p> <p>Swing open the Bet Slip Reader Swing Mount.</p> <p>Remove the Bet Slip Bin.</p> <p>Note: Image for reference as the Paper Roll Swing Bracket has already been rotated in upwards condition in previous Step.</p>
16		<p>The Modem PCB is located at rear of the Chassis.</p> <p>To assist in the removal, remove the Black Modem Plug from the PCB.</p> <p>Carefully unclip the Antenna connector.</p> <p>Remove the HUB IO MNT Loom bundle from any Twist Cable Ties attached to the Chassis.</p>

STEP	IMAGE	DESCRIPTION
17		<p>Remove & retain 4x M4x8 Screws from the HUB IO MNT using Phillips Head Screwdriver #2.</p>
18		<p>Carefully pull the HUB IO MNT upwards to extract Loom from the rear of the Chassis.</p>
19		<p>Disconnect the Security Switches Loom from the ARDUINO NANO SHIELD Port #1.</p> <p><u>Note: Loom for Kiosks with BNA only.</u></p>

STEP	IMAGE	DESCRIPTION
20		<p>Disconnect the Mini Plug from the ARDUINO NANO SHIELD as shown.</p>
21	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p data-bbox="300 898 456 947">ARDUINO</p>  </div> <div style="text-align: center;"> <p data-bbox="600 887 919 936">ARDUINO NANO SHIELD</p>  </div> </div> <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 10px;"> <p data-bbox="392 1966 794 2067">Rock the Arduino side to side to remove the pins from the ARDUINO NANO SHIELD</p> </div>	<p>Turn over the HUB IO MNT to access the ARDUINO NANO V3.0 ATMEGA328P 16M 5V.</p> <p>Remove the Arduino from the ARDUINO NANO SHIELD by holding with two (2) fingers through the middle. Rock the Arduino side to side to remove the pins from the ARDUINO NANO SHIELD.</p> <p>Store the Arduino in a resting position as shown. Ensure that the pins located at the back of the Arduino are protected.</p>

STEP	IMAGE	DESCRIPTION
22		<p>Remove & retain 2x M3 x 6mm Screws fastening the ARDUINO NANO SHIELD from the HUB IO MNT using a #2 Phillips Head Screwdriver</p>
23		<p>Select ARDUINO NANO SHIELD from packaging.</p>
24		<p>Select ARDUINO NANO V3.0 ATMEGA328P 16M 5V from packaging. Discard packaging.</p>
25		<p>Select 2x M3 x 6mm Screws.</p>

STEP	IMAGE	DESCRIPTION
26		<p>Install Spare ARDUINO NANO SHIELD onto HUB IO MNT & fasten using Phillips Head Screwdriver #2.</p> <p>CAUTION: Check that the ARDUINO NANO SHIELD is orientated as per the image shown.</p>
27		<p>Feed HUB IO MNT KIT sub-assy Loom Harness into rear of Chassis as shown.</p> <p>To re-install the replacement Printer Module, follow Steps 1 to 18 in reverse.</p>
28		<p>Special note for the HUB IO MNT Refit:</p> <p>Stage 1: Lightly tighten HUB IO MNT KIT to Kiosk Bracket into front position with 2x M4x8 Screws using Phillips Head Screwdriver #2.</p> <p>Stage 2: Lightly tighten HUB IO MNT KIT to Kiosk Bracket into top shelf with 2x M4x8 Screws using Phillips Head Screwdriver #2.</p> <p>Once 4x M4x8 Screws are installed, fully fasten to Kiosk using Phillips Head Screwdriver #2.</p>

STEP	IMAGE	DESCRIPTION
29		<p><u>Special note for the HUB IO MNT Refit:</u></p> <p>The 1st connection to the PWR PC Kit sub-assy is the HDMI port from the HUB IO MNT KIT into PWR PC Kit sub-assy Port A.</p> <p>Use a Multi Meter (or similar) to confirm the applicable HDMI Loom.</p>
30		<p>Install the Power Lead & Network Cable to the underside of the Kiosk.</p> <p>Switch the plug from O → I.</p>