

Unit Disassembly for WEEE: ZX7250-MAC-A1	
Doc. No.: 701-0037-001	Rev. A
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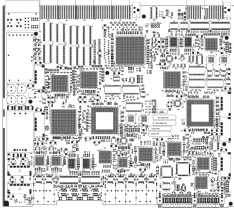

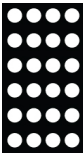

Revision History



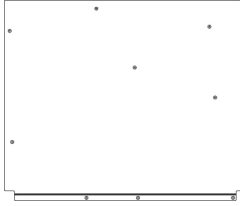

Rev	Date	Description of Change	Approved
A	01/27/11	First Release of document derived from the assembly guide.	Kevin Austin

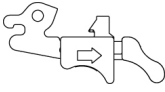



ZX7250 Components List


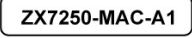
The ZX7250 can be disassembled into the following components.

Parts in Standard Inventory

Part#: 700-0218-102	Qty: 1	Part#: 255-0054-001	Qty: 1	Part#: 255-0056-001	Qty: 1	Part#: 255-0057-001	Qty: 1
							
Description: Sub Assy, ZX7250		Description: Overlay, Bracket, ZX7250		Description: LED Overlay 24 LED Bank (4X6)		Description: LED Overlay 32 LED Bank (4X8)	

Part#: 255-0058-001	Qty: 8	Part#: 255-0047-005	Qty: 1	Part#: 440-0106-005	Qty: 1	Part#: 250-0544-001	Qty: 1
							
Description: Screw, Phillips, M2.5X6mm Pan Head		Description: Insulator, ZX7250 Board to Bracket, ATCA		Description: Solder side back cover		Description: Label, RoHS, Single Compliance Label	

Part#: misc.	Qty: 2	Part#: misc.	Qty: 3	Part#: misc.	Qty: 4	Part#: 500-0103-004	Qty: 1
							
Description: Southco ejector handle with printed arrow		Description: Phillips Backplate Screw		Description: Bellville washer for ejector assembly		Description: Bracket, ZX7250	

Part#: misc.	Qty: 1	Part#: 250-0724-001	Qty: 3
			
Description: Laird EMI Gasket		Description: Label, ZX7250-MAC-A1 Product Label	

Reference Documents

Part #	Description
651-0101-002	ZX7250 Top Level Assembly Drawing
500-0103-004	Mechanical Drawing for ZX7250 Bracket
270-0065-001	Test Procedure, ZX7250

Tools Required

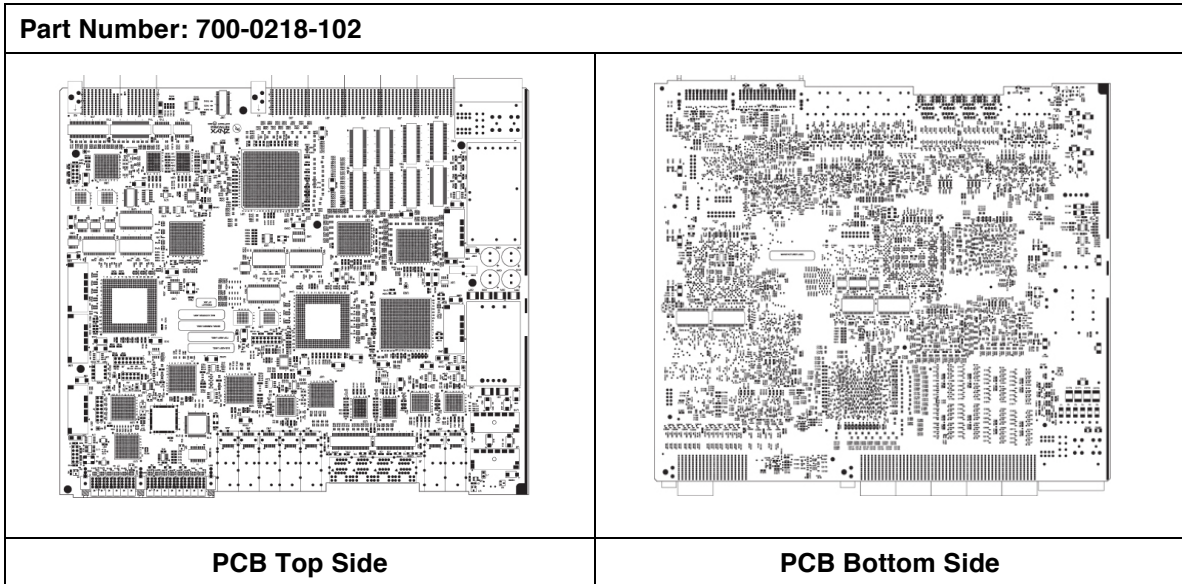
The following screw bits are required.

- a. Standard Phillips screwdriver bit


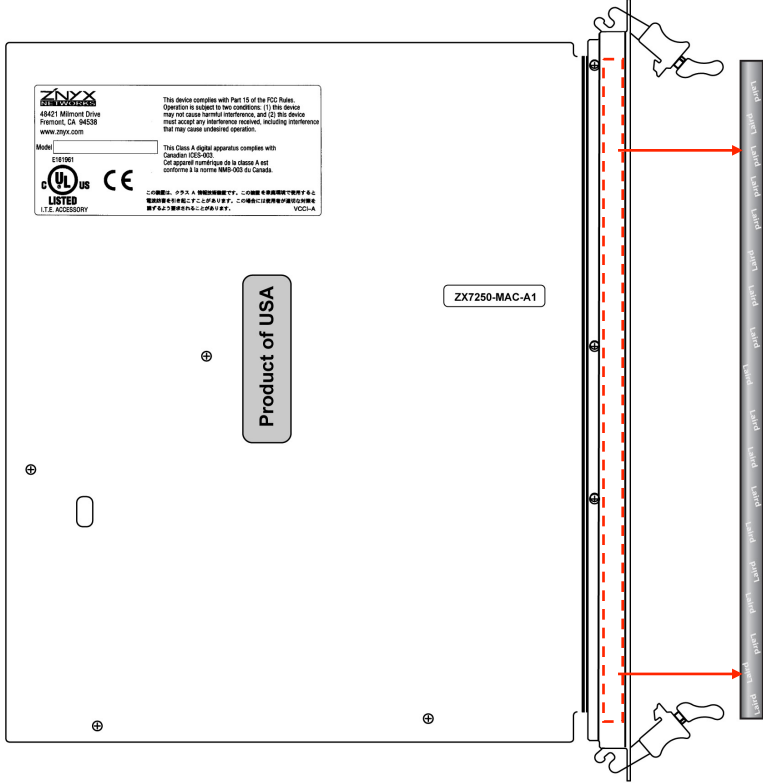
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PCB Orientation

This section defines the orientation of the assembly. The terminology defined in this section will be used throughout the assembly instructions to ensure proper orientation.




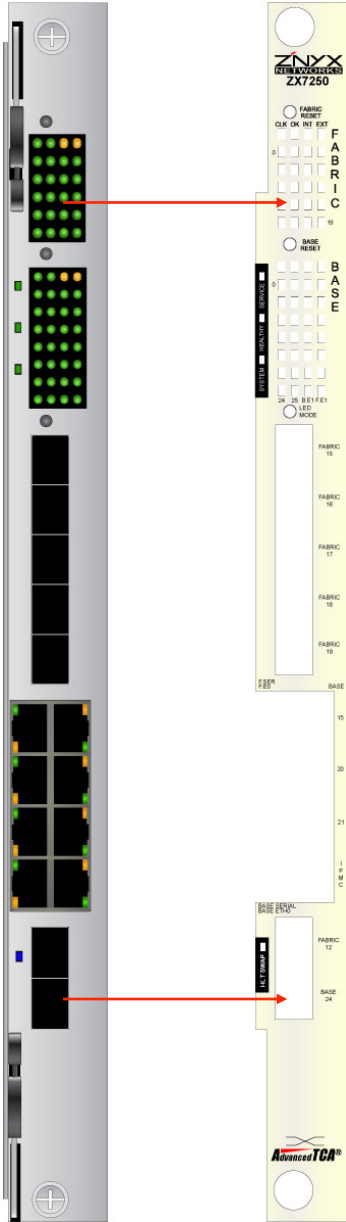
Disassembly Instructions

Step 1: EMI Gasket Removal			
Part	Qty.	Part Illustration	Instructions
Misc – Laird Gasket	1		Remove the Laird gasket by peeling it off the front panel bracket assembly
Note:			

Step 2: Back panel Label Removal

Parts	Qty.	Part Illustration	Instructions
250-0544-001	1		Remove 250-0544-001 and 250-0724-001 in the locations indicated below.
250-0724-001	1		
<p>Note:</p>			


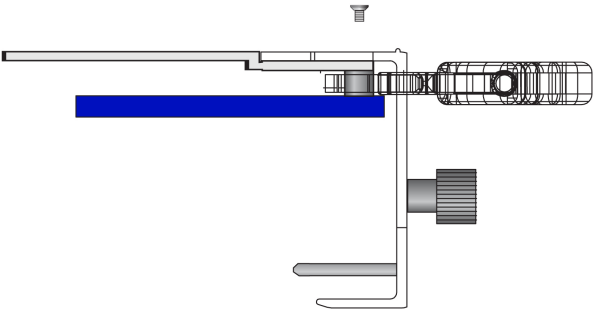
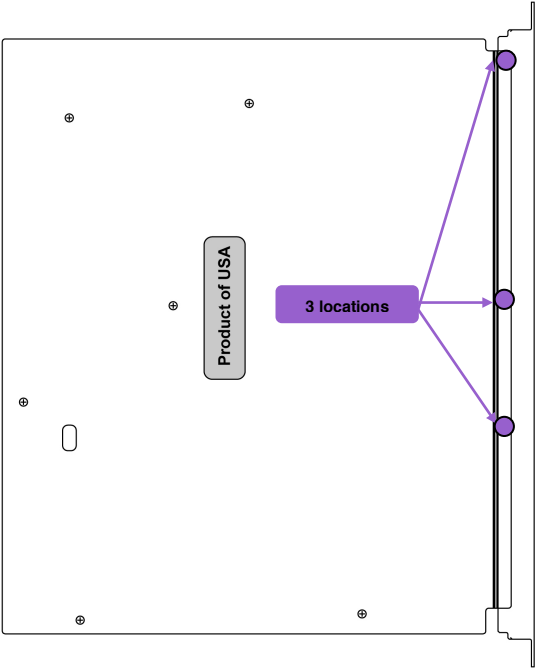
Step 3: Removing the Mylar Overlay

Parts	Qty.	Part Illustration	Instructions
255-0054-001	1		Remove the overlay 255-0054-001 by peeling it from the front panel. Heat may need to be applied for removal.
			


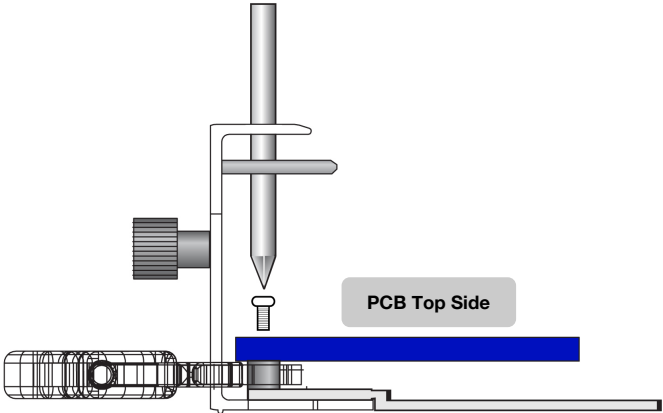
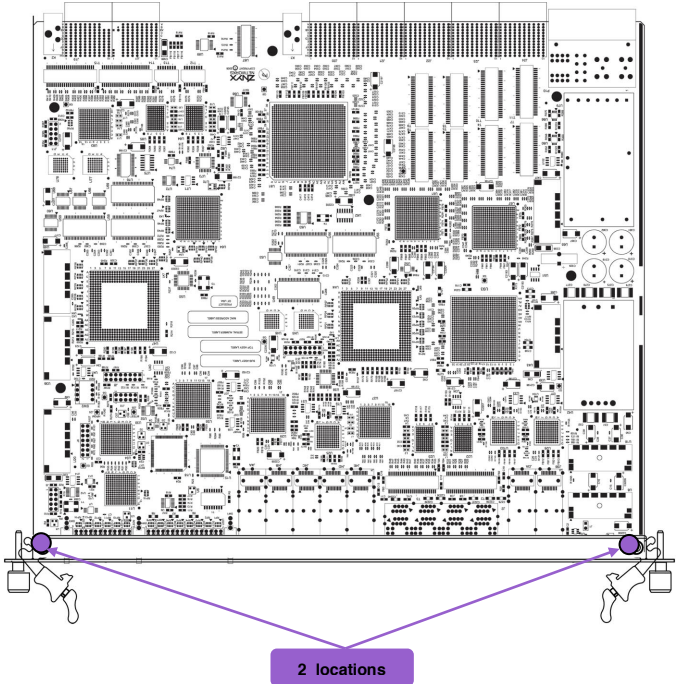
Step 4: Removing the LED Gaskets

			Instructions
Parts	Qty.	Part Illustration	
255-0056-001	1		Remove 255-0056-001 from the upper LED bank opening in the bracket.
255-0057-001	1		Remove 255-0057-001 from the lower LED bank opening in the bracket.


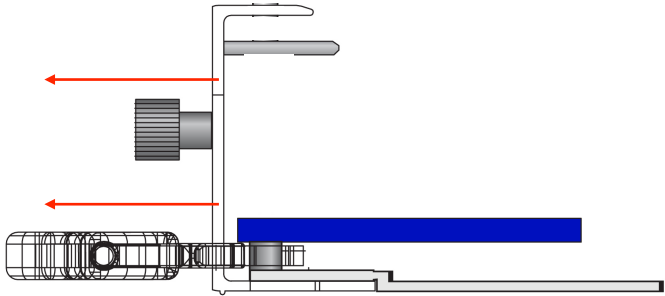
Step 5: Removing the Front Faceplate (step 1)


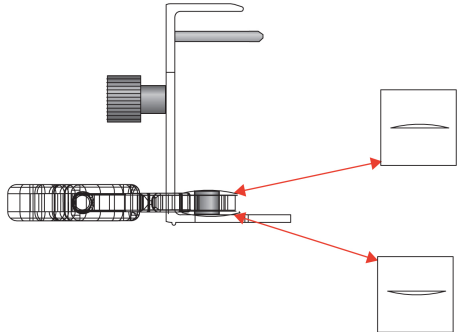


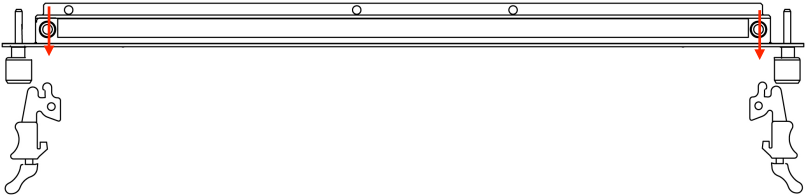
Parts	Qty.	Part Illustration	Instructions
Misc.	3		<p>Use a phillips screwdriver to remove the 500-0103-001 bracket from the 440-0106-005 backplate Remove phillips screws at 3 locations.</p>
			
			

Step 6: Removing the Front Faceplate (step 2)


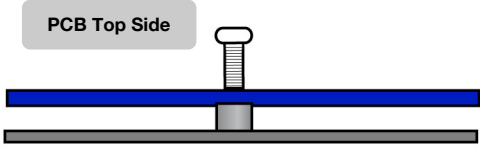
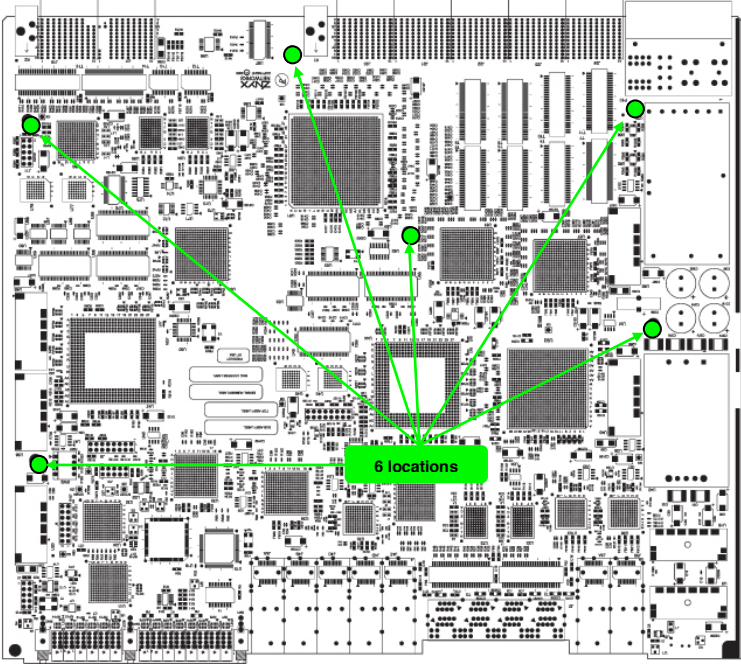
Parts	Qty.	Part Illustration	Instructions
255-0058-001	2		<p>Remove 255-0058-001 phillips screws at two locations to remove the front panel from the PCB assembly. There are two circular openings on the bracket flange to fit a screwdriver for easier removal of the screws.</p>
			
			

Step 7: Removing the Front Faceplate (step 3)

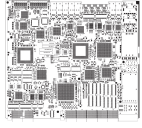
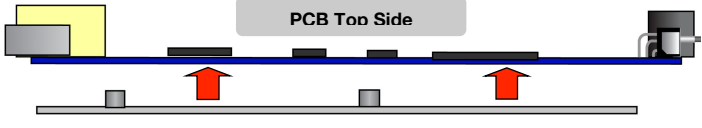
Parts	Qty.	Part Illustration	Instructions
500-0103-001	1		<p data-bbox="678 331 1365 359">Pull the front faceplate 500-0103-001 away from the PCB and backplate assembly.</p> 

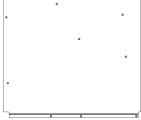
Step 8: Removing the Ejector handles			Instructions
Parts	Qty.	Part Illustration	
500-0103-004	1		<p>Remove the ejector handles and bellville washers at two locations on the PEM standoffs of 500-0103-004.</p> 
Misc. – Southco ejector handle	2		
Misc. – Bellville Washer	4		
			

Step 9: Removing the PCB from the Backplate (part 1)

Parts			Instructions
Parts	Qty.	Part Illustration	
255-0058-001	6		Use a phillips screwdriver to remove 255-0058-001 at six locations.
<p>Note:</p>			
			
			

Step 10: Removing the PCB from the Backplate (step 2)

Parts	Qty.	Part Illustration	Instructions
700-0218-102	1		Lift 700-0218-102 assembly from the backplate 440-0106-005.
			

Step 11: Removing the Insulator			
Parts	Qty.	Part Illustration	Instructions
440-0106-005	1		Remove the insulator (255-0047-005) from the backplate (440-10106-005).
255-0047-005	1	