



XTM 2 Series De-manufacturing Instructions

Document Number: 480-2533-001

1.0 Purpose

This instruction defines the de-manufacturing process for the recovery of this product family as it pertains to recycling of the major product components.



2.0 Scope

This instruction applies to the following product family and family part numbers.

Product Family Name	Family part #'s (not necessarily inclusive)
XTM 2 series	XTM 21, XTM21-W, XTM 22, XTM 22-W, XTM23, XTM23-W; all revisions

3.0 Instruction


3.1 -Remove labels, rubber feet, and screws and separate top from bottom.

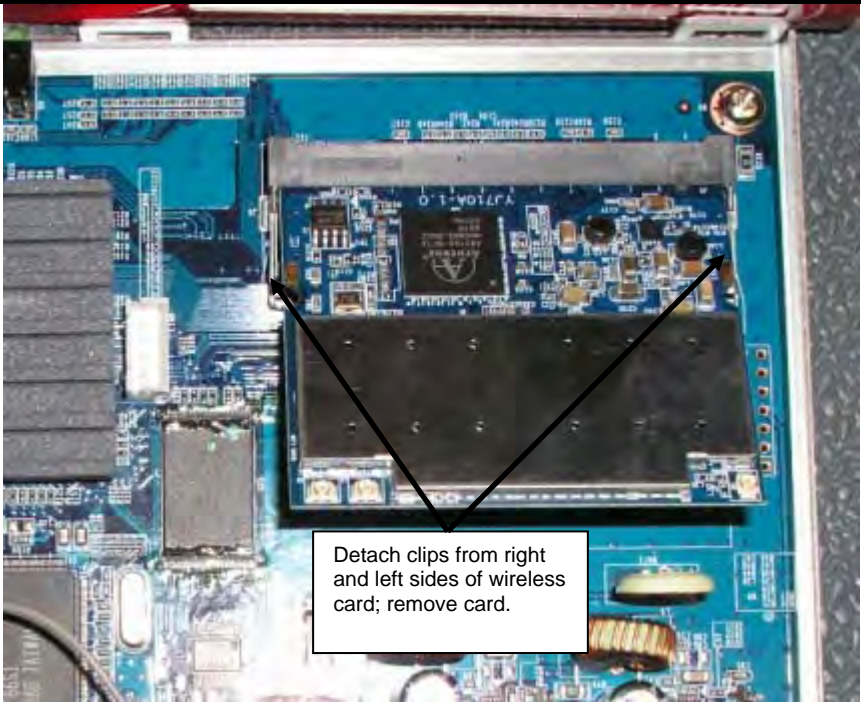
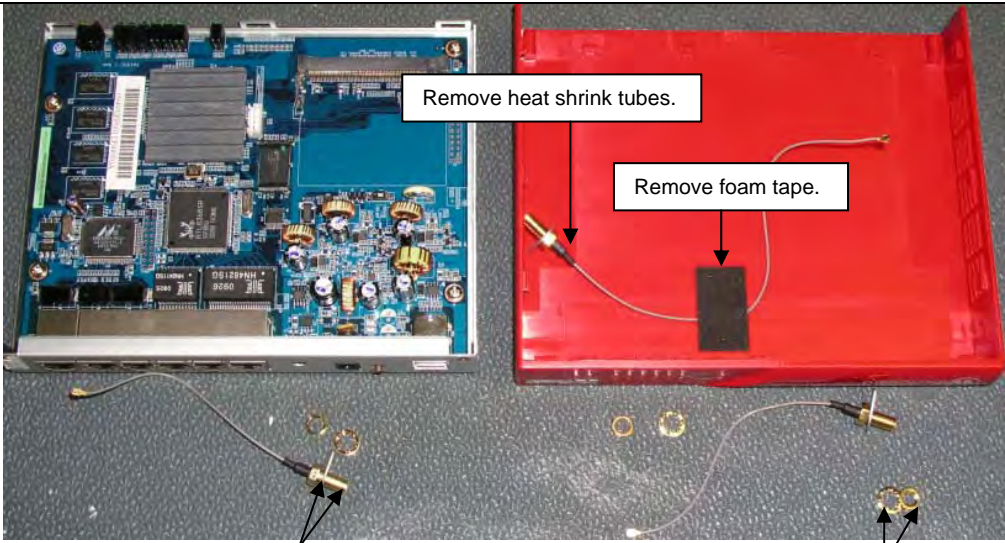
Material removed (part Desc or P/N & material type)	Instruction visual
<p>Labels Cert. label: 277-2265-120/113– Metalizes Poly-film; 1 ea.</p> <p>China RoHS label: 277-2722-001 – Poly-film; 1 ea.</p> <p>ODM barcode: 277-3300-001 – Poly-film; 1 ea.</p> <p>WatchGuard barcode: 281-32XX-001 – Poly-film; 1 ea.</p> <p>Feet 226-1422-002 – feet, rubber, round, clear; 4 ea.</p>	
<p>Labels FCC label: 277-3322-001– Poly-film; 1 ea. (wireless models only)</p>	

<p>Material removed (part Desc or P/N & material type)</p>	<p>Instruction visual</p>
<p>Labels Void Warranty: 277-0230-001 - Poly-film; 1 ea.</p> <p>Screws 209-0701-002 – screw, Philips; 2 ea. (wired models only)</p> <p>209-0701-001 – screw, Philips, self tapping, security; 2 ea. (wireless models only)</p>	 <p>Remove label</p> <p>Remove screws, left screw is hidden under label</p>
<p>Note A security screwdriver such as the Wina SoftFinish® 362TR screwdriver is needed to remove back screws on a wireless unit.</p>	
<p>Chassis top assembly 212-3331-002 – Chassis top assembly, wired, red; 1 ea. (wired units only)</p> <p>212-3331-012 – Chassis top assembly, wireless, red; 1 ea (wireless units only)</p>	 <p>Separate top from bottom.</p>

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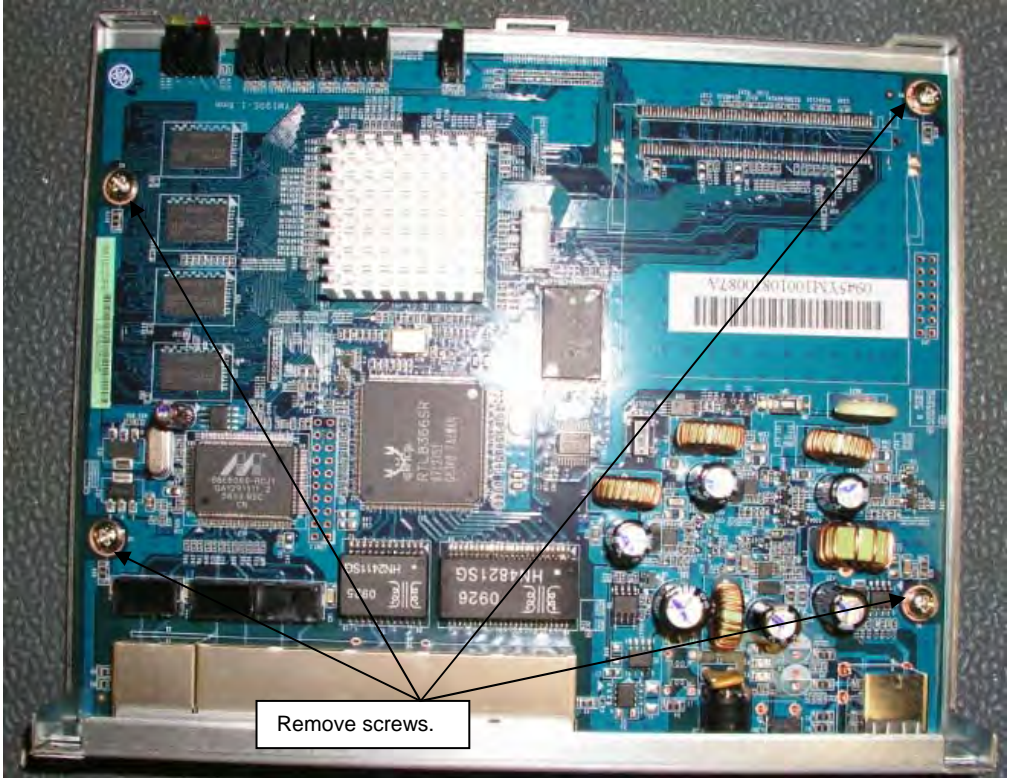

3.2 –Remove antenna posts and wireless card, wireless models only.

Material removed (part Desc or P/N & material type)	Instruction visual
<p>Cable Assemblies 148-2391-001 – cable assembly, coax RF, 100 mm; 1 ea.</p> <p>148-2931-002 – cable assembly, coax RF, 190 mm; 2 ea.</p> <p>Wireless Card 299-3320-001 – PCBA, modular, wireless; 1 ea.</p>	

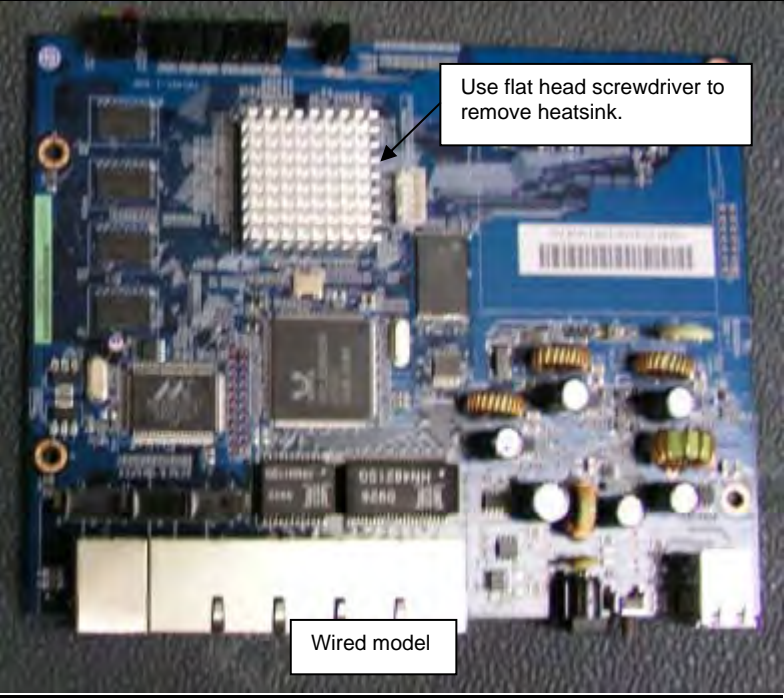
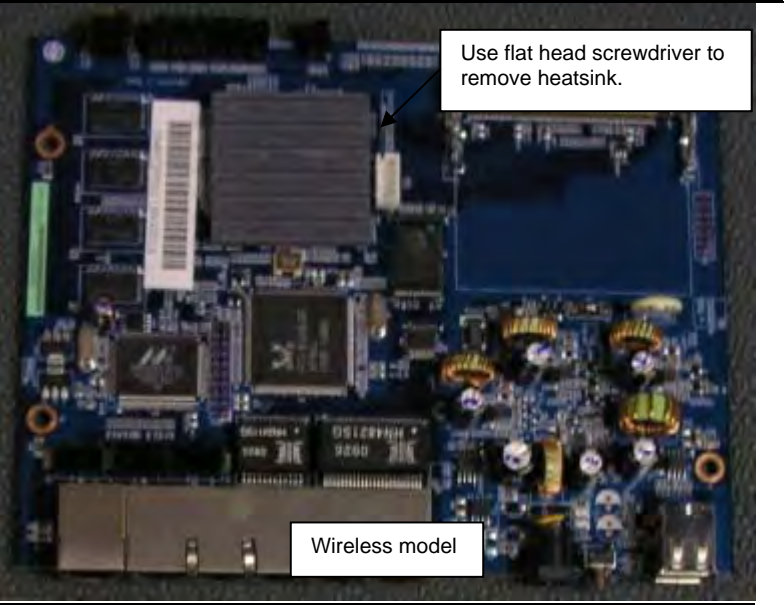
Material removed (part Desc or P/N & material type)	Instruction visual
<p>Wireless Card 299-3320-001 – PCBA, modular, wireless; 1 ea.</p>	 <p>Detach clips from right and left sides of wireless card; remove card.</p>
<p>Cable Assemblies 148-2391-001 – cable assembly, coax RF, 100 mm; 1 ea. 148-2931-002 – cable assembly, coax RF, 190 mm; 2 ea.</p> <p>Antenna Connector Bracket 209-1779-002 – antenna connector support bracket, metal, gray; 3 ea.</p>	 <p>Remove heat shrink tubes.</p> <p>Remove foam tape.</p> <p>Remove connectors and bracket from chassis top.</p> <p>Remove washers and nuts from cable assemblies.</p>

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3.3 –Remove PCBA screws and separate PCBA from chassis bottom.

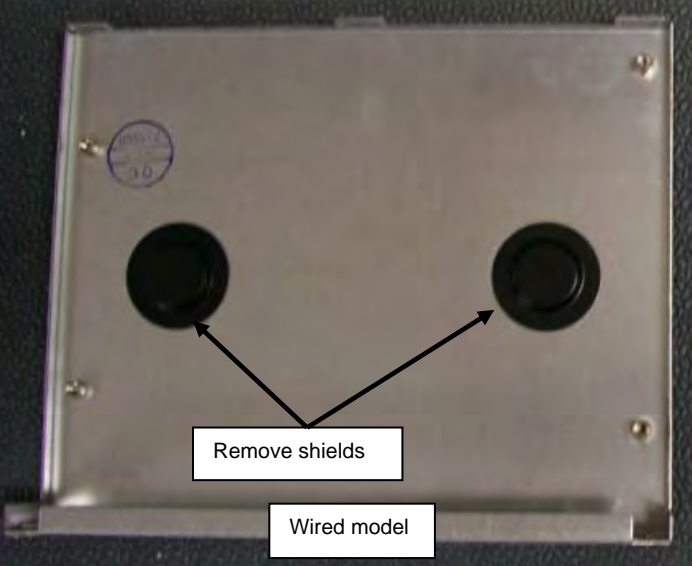
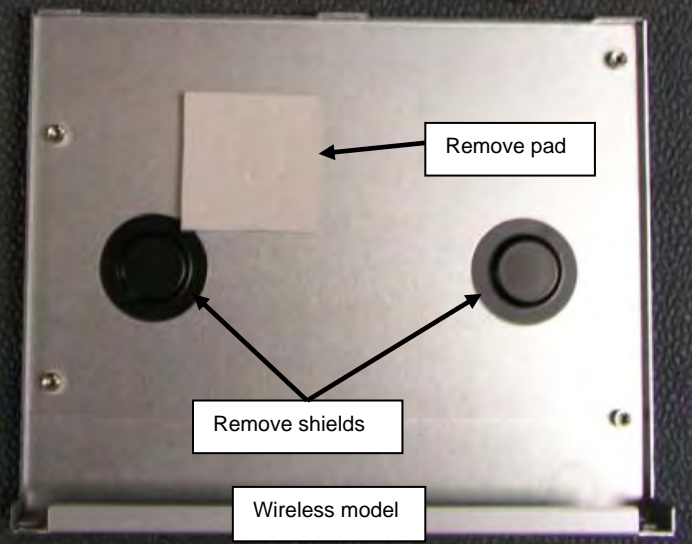
Material removed (part Desc or P/N & material type)	Instruction visual
<p>Screws 203-4505-000 – screws, pan head, Philips, with washer; 4 ea.</p> <p>(note: wireless models have a different heatsink than the one shown in this picture)</p>	
	

3.4 – Remove heatsink.

Material removed (P/N & material type)	Instruction visual
<p>Main Board 299-3300-001 – PCBA, main board, wired units; 1 ea.</p> <p>Heatsink 152-3387-001 – heatsink, 30.5 x 30.5 x 13.7 mm, aluminum, with adhesive; 1 ea.</p>	 <p>Use flat head screwdriver to remove heatsink.</p> <p>Wired model</p>
<p>Main Board 299-3300-011 – PCBA, main board, wireless units; 1 ea.</p> <p>Heatsink 152-3389-001 – heatsink, 40 x 40 x 5 mm, composite; 1 ea.</p>	 <p>Use flat head screwdriver to remove heatsink.</p> <p>Wireless model</p>

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3.5 –Remove insulator shields from bottom chassis.

Material removed (P/N & material type)	Instruction visual
<p>Chassis bottom 212-3333-002 – chassis bottom, wired units; 1 ea.</p> <p>Insulator shields 225-1780-002 – insulator, round, plastic; 2 ea.</p>	 <p>The image shows the back of a chassis with two black circular insulator shields. Arrows point from a central box labeled 'Remove shields' to each shield. A label 'Wired model' is at the bottom.</p>
<p>Chassis bottom 212-3333-012 – chassis bottom, wireless units; 1 ea.</p> <p>Insulator shields 225-1780-002 – insulator, round, plastic; 2 ea.</p> <p>Heatsink pad No WatchGuard part number – heatsink pad; 1 ea.</p>	 <p>The image shows the back of a chassis with two black circular insulator shields and a white rectangular heatsink pad in the center. Arrows point from a central box labeled 'Remove shields' to each shield. An arrow points from a box labeled 'Remove pad' to the heatsink pad. A label 'Wireless model' is at the bottom.</p>

4.0 Applicable Documents

5.0 Revision History

REV. NO.	REV. DATE	REVISED SECTION	REASON	ECO#
A	4/12/10	New document	Initial Release	1744