IBM

STG - Systems
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Server Packaging Instructions: BladeCenter Chassis
(8667, 8677, 1881)
No. WW-P-01001 Rev. 18 Production Date: 08/08/2008
Owner: Jeffrey Miller

Online Version is the Master

This document is designed to be used on-line. You are responsible to use only the "Production" version on-line.

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IMPORTANT NOTICE: The Federal Aviation Administration requires certification that packages shipped by air do not contain explosives, hazardous materials, incendiaries or other destructive devices. Therefore, just prior to sealing the carton, you must inspect its contents to confirm that it contains only parts specified on the IBM bill of materials. If the contents meet specifications, then seal the carton with IBM logo tape or another tamper evident indicator specified on the bill of materials. The logo tape or tamper evident seal will indicate that the carton can be certified to meet FAA standards for air shipment. If you discover parts or devices that appear suspicious (whether or not potentially explosive), carefully secure the carton on the line and notify IBM management promptly.

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- Information contained in this document is for reference purposes only.

- Process and Part Numbers may vary in each manufacturing location.

- Refer to local site procedures and Bill of Materials for any substitutions.

- No deviation is to be made to the overall assembly without prior written approval from the responsible Packaging Engineer.

Table of Contents

Section 1 - Applicable Systems, MTM Listing

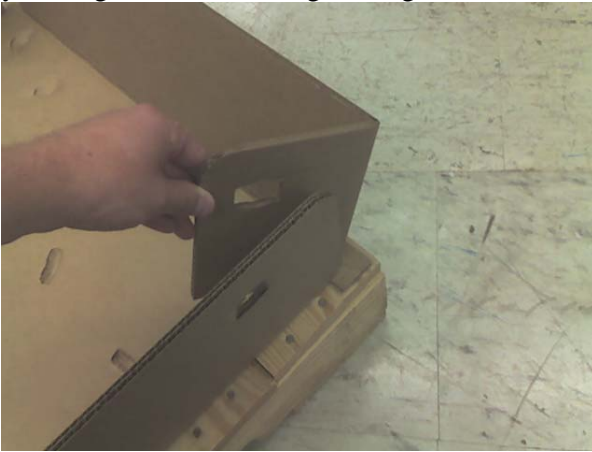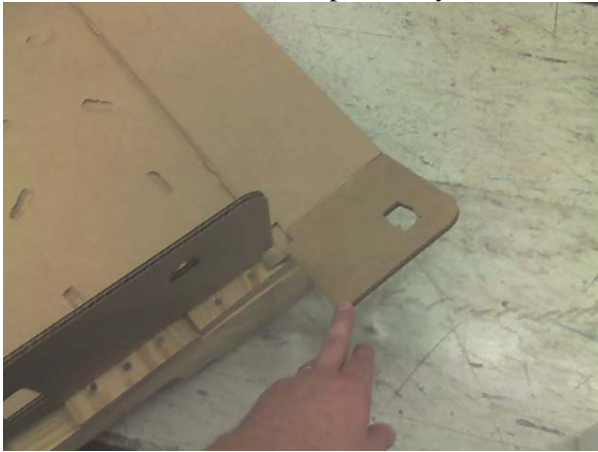These packaging instructions apply to the following machine types:

8667, 8677, 1881 - BladeCenter

Section 2 - Unit Packaging

2.1 Inspect system to make sure there are no scuffs or scratches on unit.

2.2 Make sure voltage setting is correct.

2.3 Assemble BladeCenter pallet tray (44R3952) by folding in ends and using locking tabs to secure the tray.

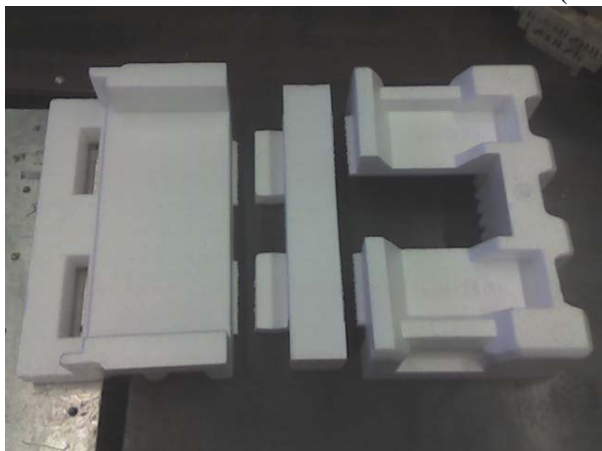**2.4** Align assembled BladeCenter pallet tray with half pallet (PN varies by site).

2.5 Attach BladeCenter pallet tray (44R3952) to pallet using a minimum of eight staples (22K8096) as shown. (NOTE: old style tray shown in picture. Staple location should remain the same.)
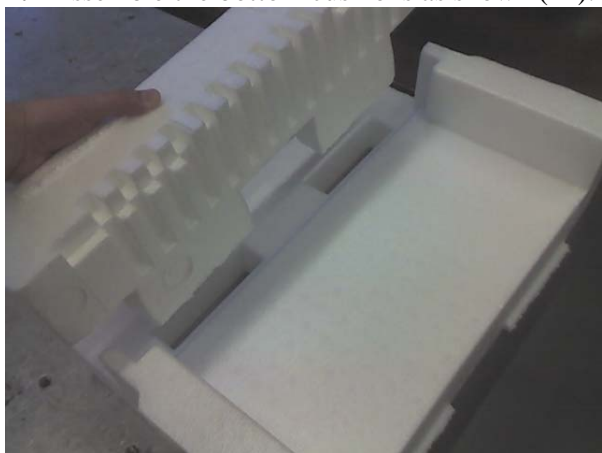
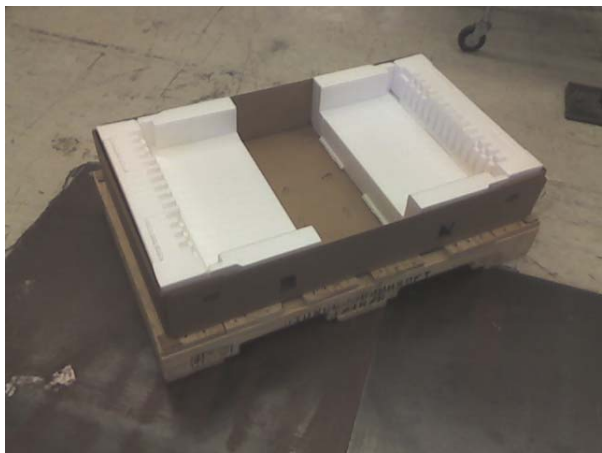**NOTE: Fabricated cushion alternate method below in 2.6b.**

2.6 Locate two BladeCenter molded cushions (43X3125) and break apart as shown.
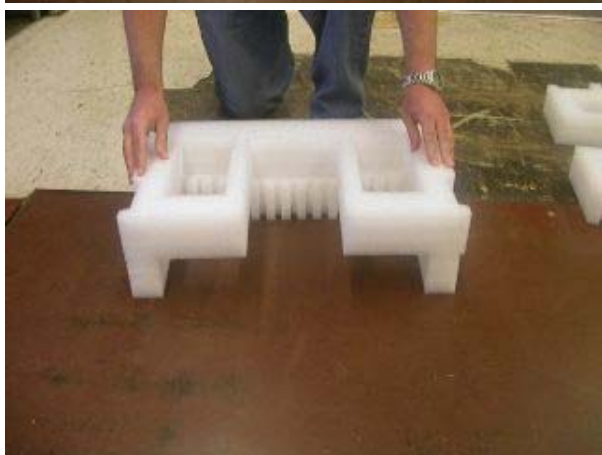

2.7 Assemble the bottom cushions as shown (2x).

2.8 Place front and rear cushions into assembled BladeCenter pallet tray.

***2.6b Locate two universal fabricated cushions (44R3950) in preparation for placing in tray. Make sure they are set up correctly as shown below.

***2.7b Place cushions in tray making sure that the cushions are placed all the way to the front and rear of the tray (as shown).

2.9 Place bag (6165640) over bottom cushions in preparation for loading unit.

2.10 Place unit in bottom cushions. Make sure the system is fully seated in the cushions and placed all the way forward. There will be a ~1" gap behind the system.
Note: Bag removed for demonstration purposes only.
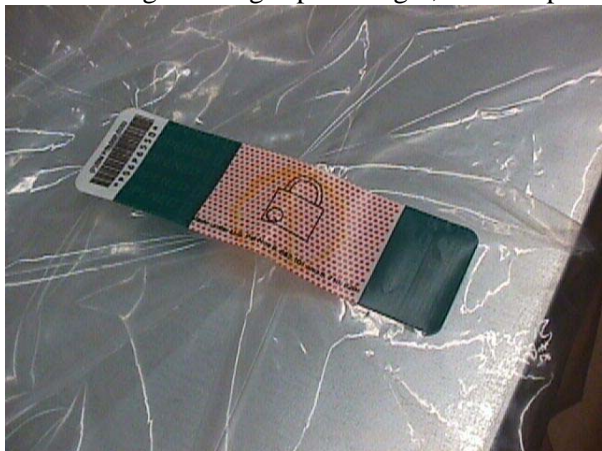

2.11 Apply a 2 inch (50mm) strip of appliance tape (01R3747) to each of the four handles to hold them in the down position.
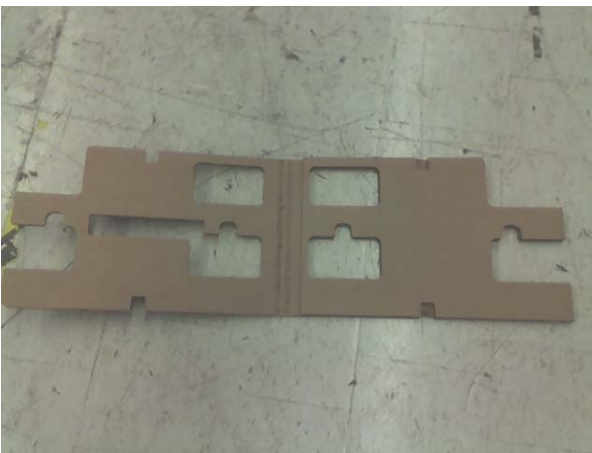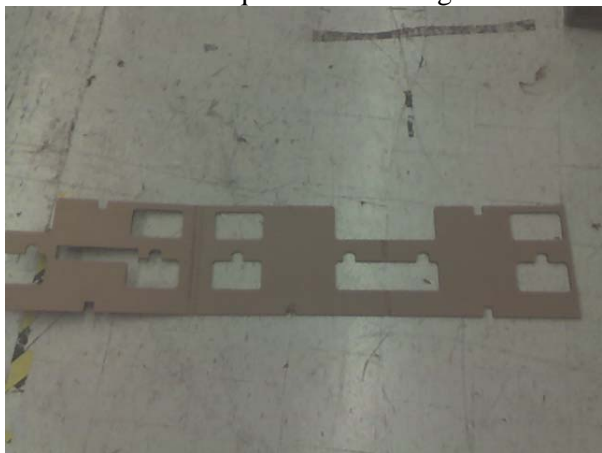
2.12 Making sure bag is pulled tight, use Tamper Label (06P6550) to seal edges of bag closed.

2.13 Locate and assemble BladeCenter rear load spreader (44R3953) and insert into gap behind rear of system.
Note: This is not required when using fabricated cushions

2.14 Locate PBJ carton (44R3990 - IBM or 22K8111 - OEM) and fold bottom panels into carton, ends first.

2.15 Place assembled carton (44R3990) over system and tray (NOTE: carton sits on the pallet outside the tray).

2.16 Attach carton to tray/pallet assembly using four corrugated clips (37L0511).

2.17 Place tamper label (74F8851) over two clips on opposite sides of the carton.

NOTE: Fabricated cushion alternate method below in 2.18b.
2.18 Place two top cushions on top of system as shown.
(Carton not shown for clarity)

***2.18b Locate two universal fabricated cushions (44R3950), and place on top of unit.

2.19 Place rail kit in center cavity located between the holes of the top cushions.

2.20 Locate and set up three shipgroup trays (22K8089).

2.21 Place trays (22K8089) on top of cushions.

These trays are for shipgroup content, pubs, and CTO content as shown below.

2.22 Place shipgroup items in bag and place items in trays as necessary. For large items (high voltage power cables) use "trap doors" in the outer trays to create extra space.

2.23 Close the top of the carton and seal with printed tape.
(74F5699 - Automatic taper, 74F5698 - for hand held dispensers).
NOTE: Use clear tape for OEM versions - PN 6272199

2.24 Print and place carton labels on label tick marks located on carton. Reference QMX document SG-P-01486 "Special Packaging Labeling Guidelines" which may contain additional labeling requirements.

2.25 Place Intel label (if called out in DFC) on the top of the carton between label location marks.

Section 3 - Manufacturing & Distribution Palletization

Worldwide Sites
3.1 Servers are intended to ship individually on a half-pallet.

Each server MUST ship out one server to a half-pallet (P/N 6038888 or P/N 7373961).

3.2 Secure load to pallet utilizing "Best of Breed" palletization methods. See 92F6168 - "Best of Breed" Pallet Unitization.

NOTE: To comply with TSA (Transportation Safety Administration - USA) guidelines intended to prevent human

stowaways from getting inside packages and then onto aircraft, this product MUST be 4-way banded.

3.3 Place two pallet labels (33G6283) on the front and left sides of the pallet load.

NOTE: Units are approved to be stacked 4 pallets high.

Section 4 - Materials Listing (BOM)

IBM Versions:
WW Common Packaging Components BOM - 22K8101

Part Number	Quantity	Description
22K8089	3	BladeCenter Shipgroup
44R3952	1	BladeCenter Pallet Tray
22K8096	8	Staple for attachment of pallet tray to pallet
44R3990	1	BladeCenter PBJ Carton
43X3125	2	BladeCenter Molded Cushion
44R3953	1	BladeCenter Rear Loadspreader
* 44R3950	* 4	* BladeCenter Universal Fabricated Cushions
37L0511	4	Corrugated Clips
6165640	1	Poly bag

OEM Versions:
WW Common Packaging Components BOM - 22K8112

Part Number	Quantity	Description
22K8089	3	BladeCenter Shipgroup

44R3952	1	BladeCenter Pallet Tray
22K8096	8	Staple for attachment of pallet tray to pallet
22K8111	1	BladeCenter OEM PBJ Carton
43X3125	2	BladeCenter Molded Cushion
44R3953	1	BladeCenter Rear Loadspreader
* 44R3950	* 4	* BladeCenter Universal Fabricated Cushions
33G9780	2	Carton Label
37L0511	4	Corrugated Clips
37L7558	1	Sanstrap
6165640	1	Poly bag
6272199	As Needed	Clear Tape

▶ **General Information**
▶ **Summary of Changes**
▶ **Approval Information**

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