

Product name	HP RP5700 computer (DVD-PC-3 / MO-PC)
Identification code(s)	DVD-PC-3 HP RP5700: 4522 133 0161x MO-PC HP RP5700 4522 133 0273x
Total weight [kg]	10kg
Manufacturer	Hewlett Packard
Address	Orteliuslaan 1000
Zip code	3528 BD Utrecht
Country	The Netherlands
Electronic info	HP_RP5700.pdf

Information in this document is incorporated from HP doc: HP—EL-MF877-00

Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 1 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft



Product End-of-Life Disassembly Instructions

Product Category: Personal Computers
Marketing Name / Model
[List multiple models if applicable.]

Name / Model #1: HP RP5700

Name / Model #2

Name / Model #3

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.
 1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq cm	5 (system board; PSU board; Power USB board; Power COM board; Riser card)
Batteries	All types including standard alkaline and lithium coin or button style batteries	1
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	
Cathode Ray Tubes (CRT)		
Capacitors / condensers (Containing PCB/PCT)		
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		2
External electrical cables and cords		
Gas Discharge Lamps		
Plastics containing Brominated Flame Retardants		
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner	Include the cartridges, print heads, tubes, vent chambers, and service stations.	
Components and waste containing asbestos		
Components, parts and materials containing refractory ceramic fibers		
Components, parts and materials containing radioactive substances		

2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where

Name: Recycling Passport Computers HP RP5700	12NC: 4522 133 01610	Version: 00 Doc.Date: 2008-06-13
Author:	Pag.: 2 of 12	Group No: 5790 Section: - Status: Draft

components and materials requiring selective treatment can be removed.	
Tool Description	Tool Size (if applicable)
Description #1 Phillips screwdriver	
Description #2 Dikes	
Description #3 Torx screwdriver	T-15
3.0 Product Disassembly Process	

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Remove the top cover by the releasing latch on both sides of the top cover (see Figure 1).
2. Follow the arrow to swing the power supply and optical drive cage.(see Figure 2).
3. Unplug or cut all cables from the system board and daughter card.
4. To remove the front USB connector/board:
 - a. Remove the fan shroud by rotating the shroud up (1) and spreading its ears (2) to remove it from the chassis (see Figure 3).
 - b. Remove the board by removing the screw that secures the front USB printed circuit board to the floor of the chassis (1) and pushing the USB port out of the chassis (2) (see Figure 4).
5. Remove the power supply from the chassis.(see Figure 5).
6. Remove the power USB card and power COM card by releasing the latch on the chassis wall (see Figure 6).
7. Remove the cards inserted in PCI-Ex1 and PCI-Ex16 by releasing the latch on the chassis wall (see Figure 7).
8. Remove the PCA from the chassis using a torx screw driver (see Figure 8).
9. To remove the battery:

Locate the battery and battery holder on the system board. Depending on the type of battery holder on the system board, complete the following instructions to remove the battery.

TYPE 1 BATTERY HOLDER (see Figure 9):
Lift the battery out of the holder.

TYPE 2 BATTERY HOLDER (see Figure 10):
To release the battery from its holder, squeeze the metal clamp that extends above one edge of the battery. When the battery pops up, lift it out.

TYPE 3 BATTERY HOLDER (see Figure 11):
Pull back on the clip that holds the battery in place, and then remove the battery.
10. HP uses one power supply vendor. See the instructions below to disassemble and remove required power supply components:
 - a. Remove the six screws from the top of the power supply (see Figure 12).
 - b. Remove the two screws from the back of the power supply (see Figure 12).
 - c. Remove the one screw from the front of the power supply (see Figure 13).
 - d. Slide the side piece off the power supply.
 - e. Cut the plastic tie that secures the wires to the power supply cover.
 - f. Cut all wires from the power supply PCA.
 - g. Remove the four screws that secure the PCA to the power supply chassis (see Figure 14).
 - h. Remove the seven capacitors as indicated in Figure 15.
 - i. Cut the small PCA from the large PCA as indicated in Figure 16.
 - j. Remove the one capacitor from the small PCA as shown in Figure 16.

Name: Recycling Passport Computers HP RP5700		12NC: 4522 133 01610		Version: 00 Doc.Date: 2008-06-13	
Author:		Pag.: 3 of 12	Group No: 5790	Section: -	Status: Draft

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

FIGURE 1: Removing the access panel.

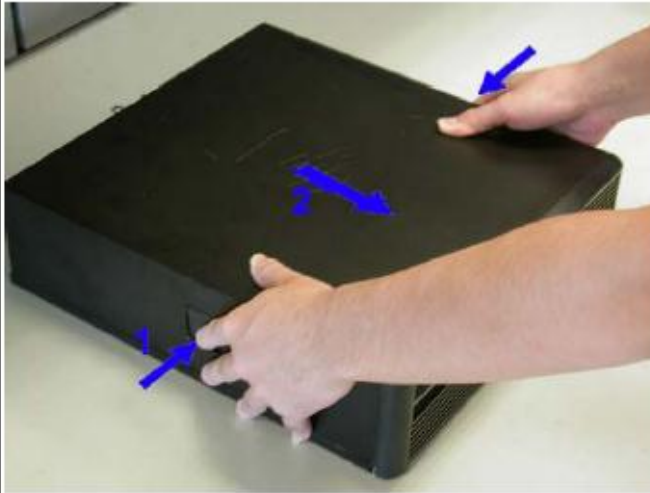
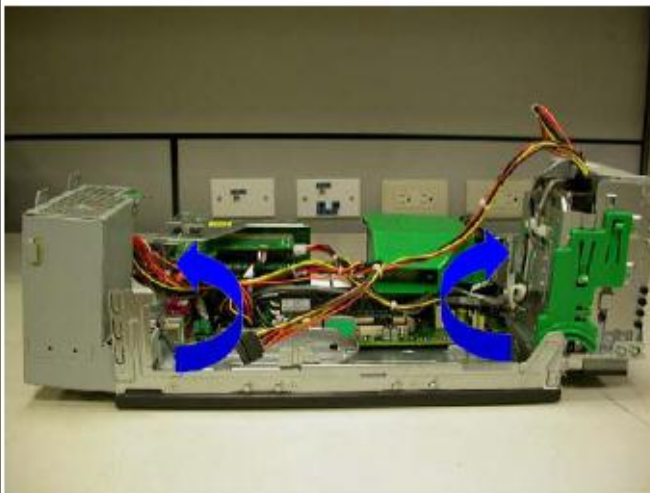


FIGURE 2: Swinging open components



Name: Recycling Passport Computers HP RP5700		12NC: 4522 133 01610		Version: 00 Doc.Date: 2008-06-13	
Author:		Pag.: 4 of 12	Group No: 5790	Section: -	Status: Draft

FIGURE 3: Removing the fan shroud

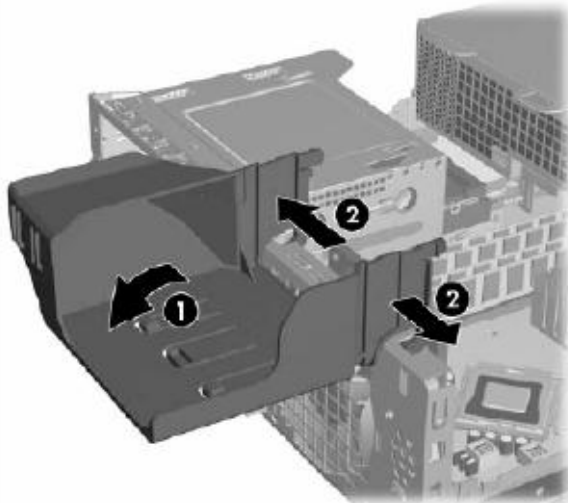


FIGURE 4: Removing the front USB connector/board

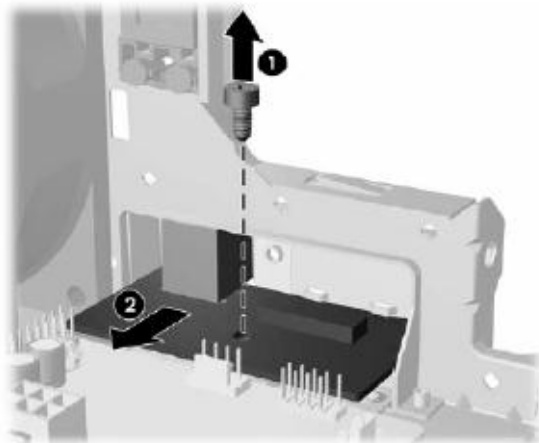


FIGURE 5: Removing the power supply



Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 5 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft

FIGURE 6: Removing the power USB and COM cards



FIGURE 7: Removing the PCI cards

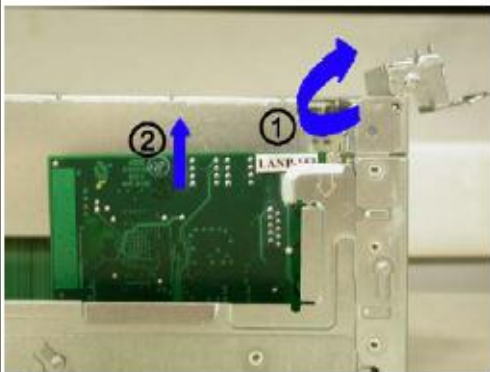


FIGURE 8: PCA screw hole locations



Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 6 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft

FIGURE 9: Type 1 battery holder

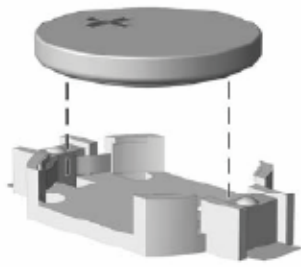


FIGURE 10: Type 2 battery holder

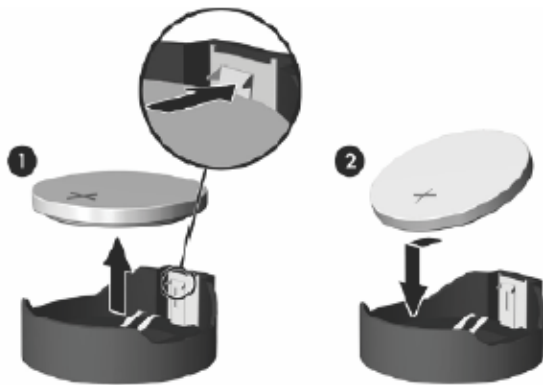


FIGURE 11: Type 3 battery holder



Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 7 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft

FIGURE 12: Power supply cover screw locations

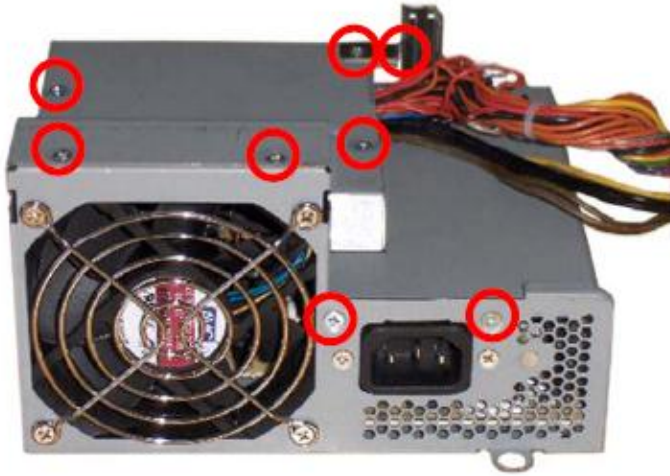
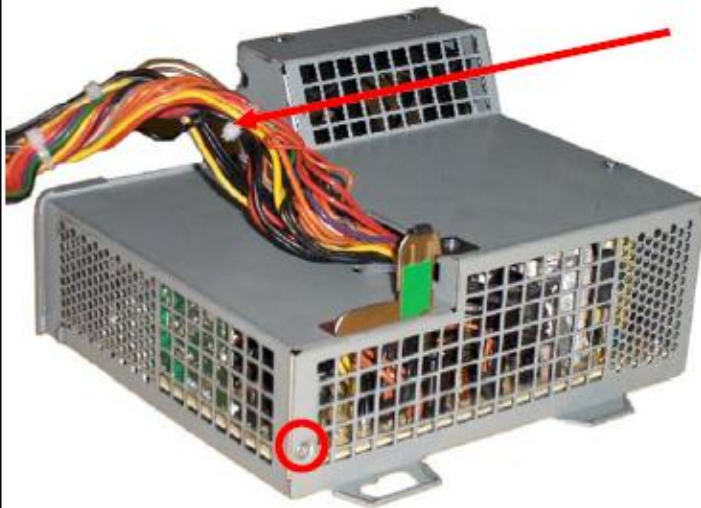


FIGURE 13: Power supply cover screw and plastic tie location

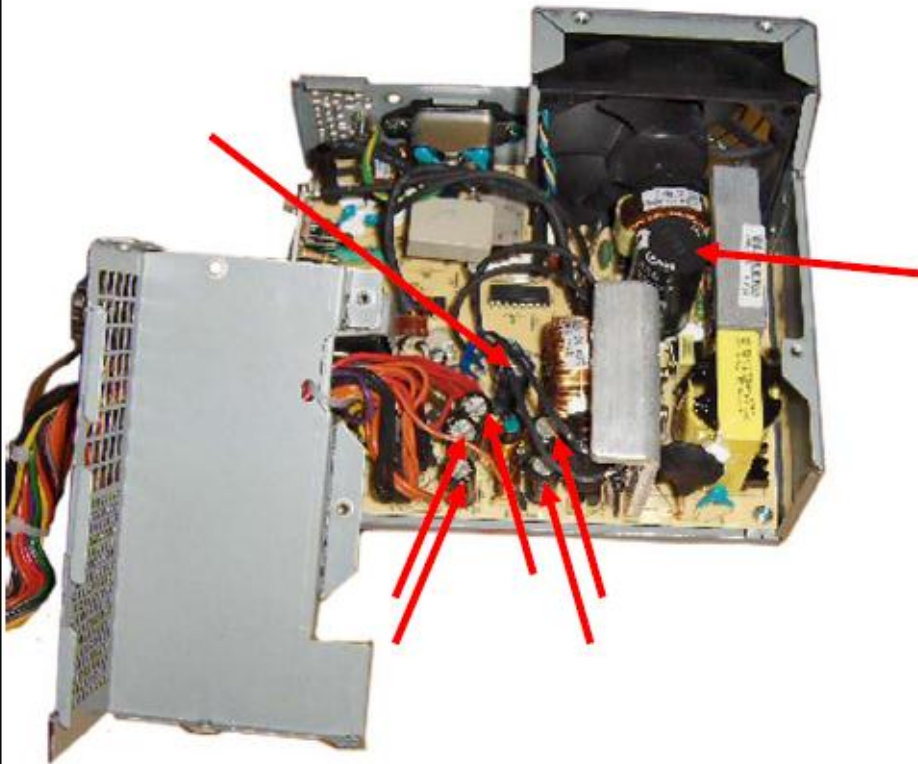


Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 8 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft

FIGURE 14: Power supply PCA screw locations

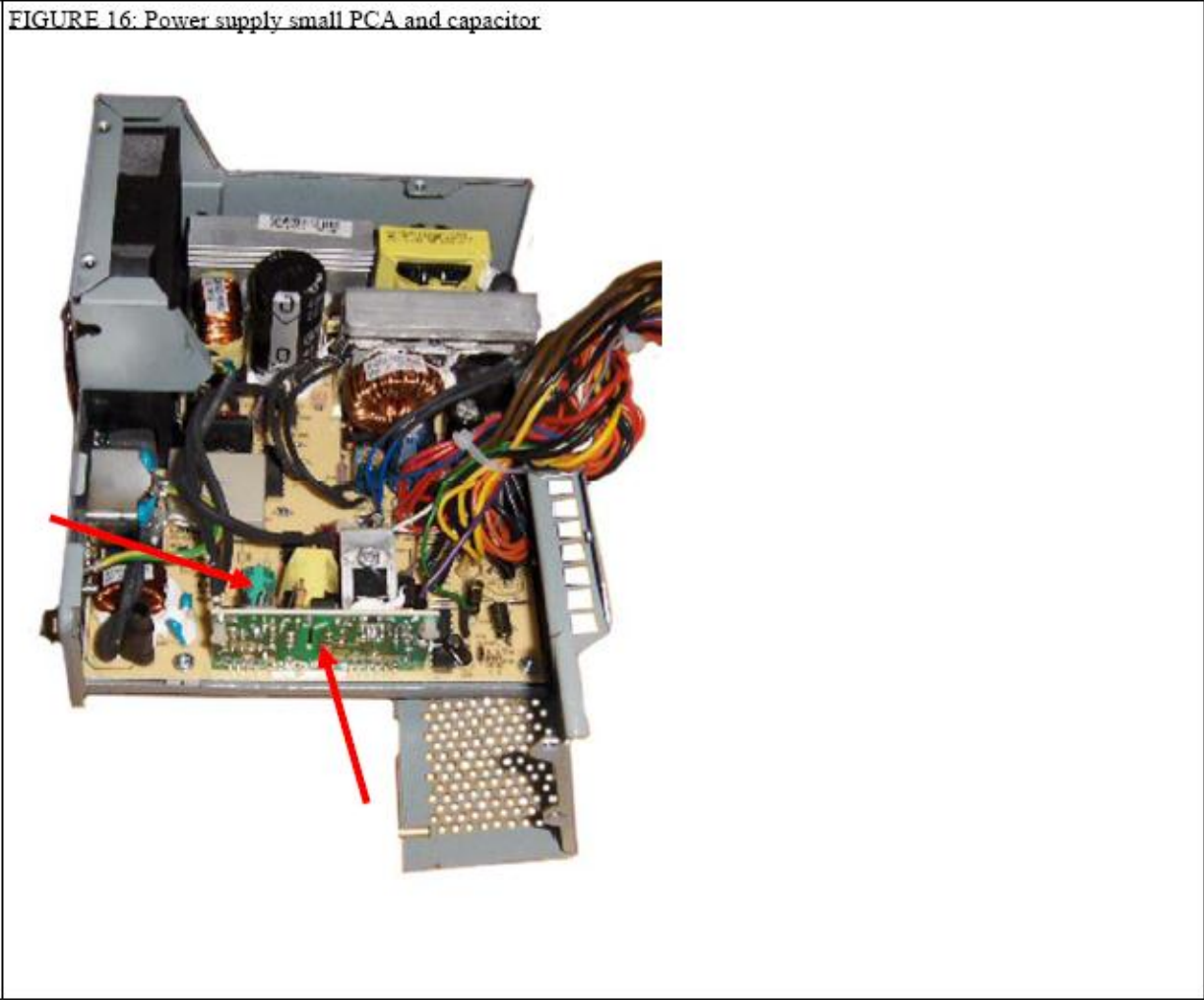


FIGURE 15: Power supply capacitors to cut



Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 9 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft

FIGURE 16: Power supply small PCA and capacitor



Name:	Recycling Passport Computers HP RP5700	12NC:	4522 133 01610	Version: 00
Author:		Pag.: 10 of 12	Group No: 5790	Doc.Date: 2008-06-13
			Section: -	Status: Draft



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Name: Recycling Passport Computers HP RP5700		12NC: 4522 133 01610	Version: 00 Doc.Date: 2008-06-13
Author:	Pag.: 11 of 12	Group No: 5790	Section: - Status: Draft

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Name: Recycling Passport Computers HP RP5700	12NC: 4522 133 01610	Version: 00 Doc.Date: 2008-06-13		
Author:	Pag.: 12 of 12	Group No: 5790	Section: -	Status: Draft