Product End-of-Life Disassembly Instructions

Product Category: External Options
Marketing Name / Model [List multiple models if applicable.]
TFT5600 / All languages

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.

Item Description	Notes	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq cm	6
Batteries	All types including standard alkaline and lithium coin or button style batteries	0
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	1
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	1
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		0
External electrical cables and cords		2
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants		0
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.	0
Components and waste containing asbestos		0
Components, parts and materials containing refractory ceramic fibers		0
Components, parts and materials containing radioactive substances		0

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 components and materials requiring selective treatment can be removed.

Tool Description	Tool Size (if applicable)
Phillips screwdriver	#2
Torx screwdriver	T8, T10, T15
Nut driver	
Flat blade screwdriver	#1
Wire cutters	

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. System Disassembly: Using a T15 Torx screwdriver, remove the 2 screws that secure the left and right slides to the TFT 5600. Using a T15 Torx screwdriver remove the 1 screw visible in the back of the unit. Remove the black cosmetic piece that this screw secured.
2. System Disassembly: Turn the unit upside down and using a T15 Torx screwdriver, remove all 9 screws from the bottom of the unit. Turn the unit right side up.
3. System Disassembly: Disconnect the AC adapter and all visible cables. see photo #1
4. System Disassembly: Using a T15 Torx screwdriver remove the sheet metal shield that secures the controller PCA. Using a nut driver remove the 2 hex nuts that secure the video connector to the shield. Using a T15 Torx screwdriver remove the 3 screws that secure the video controller PCA to the metal shield. see photo #2
5. System Disassembly. Using wire cutters, cut the two plastic ties that secure the cables. Remove the power cable and the video cable from the assembly. see photo #3
6. System Disassembly: Turn the unit so that the display faces you and open the display. Using one or both hands remove the plastic cosmetic piece below the keyboard. see photo # 4.
7. Using a T15 Torx screwdriver, remove the 4 screws that are located behind the plastic cosmetic piece that was just removed.
8. Gently lift the keyboard assembly away from the chassis.
9. Display Disassembly: Using a flat blade srcrew driver, pry off the 4 screw covers surrounding the display. Using a T10 screwdriver, remove the 4 screws surrounding the display. Using your fingers, remover the display bezel. Push the dislay assembly back as far as the clutches will allow.
10. Display Disassembly: Using a T10 screwdriver, remove the 6 screws that secure the display. Unplug the two cables that are attached to the two printed circuit boards to the right of and below the display. Remove the display from the chassis.
11. Display Disassembly: Unplug the cable that is attached to the printed circuit board that was below the display. Using a flat blade screwdriver, pry both printed circuit boards from the plastic that the display was mounted to. see photo #5
12. Display Disassembly: Using a flat blade screwdriver, remove the display shield from the display. Unplug the cable that is connected to the display. see photo #6
13. Keyboard Disassembly: Turn the keyboard assembly upside down. Using a #2 phillips screwdriver, remover the 15 screws that secure the metal plate to the keyboard. Using a #1 phillips screwdriver, remove the two screws that secure the trackball from the metal plate. see photo #7
14. Keyboard Disassembly: Using a #1 phillips screwdriver, remover the 4 screws that secure the button printed circuit board from the plastic keyboard housing. Remove the small flex circuit cable from the button printed circuit board. see photo #8
15. Keyboard Disassembly: Unplug the 3 cables that are attached to the keyboard controller printed circuit board. Using a #1 phillips screwdriver, remover the 2 screws that secure the keyboard controller printed circuit board to the plastic keyboard housing. see photo #8
16. Keyboard Disassembly: Remove the plastic and rubber keyboard membranes. see photo #9
17. Keyboard Disassembly: Using a #1 phillips screwdriver, remover the LED printed circuit printed circuit board. see photo #10
18.
19.
20.
21.

22.

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).


photo #1


Photo #2

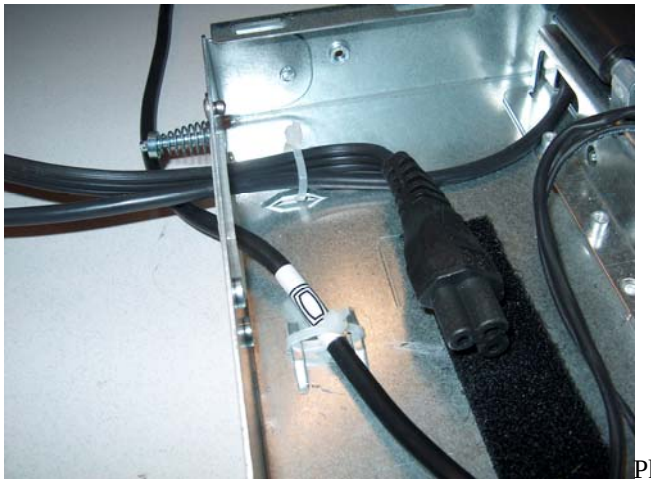


Photo #3

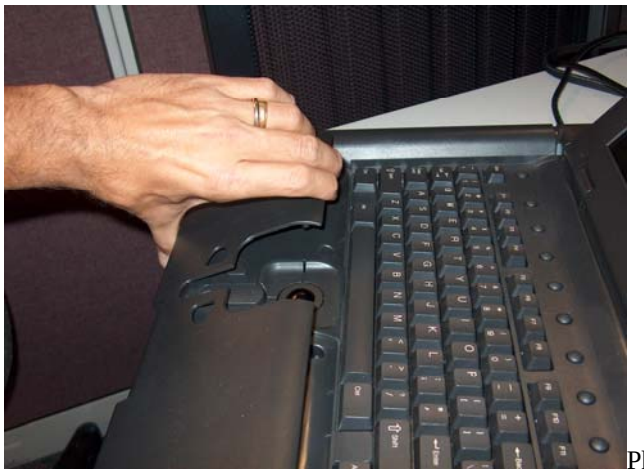


Photo #4


Photo #5

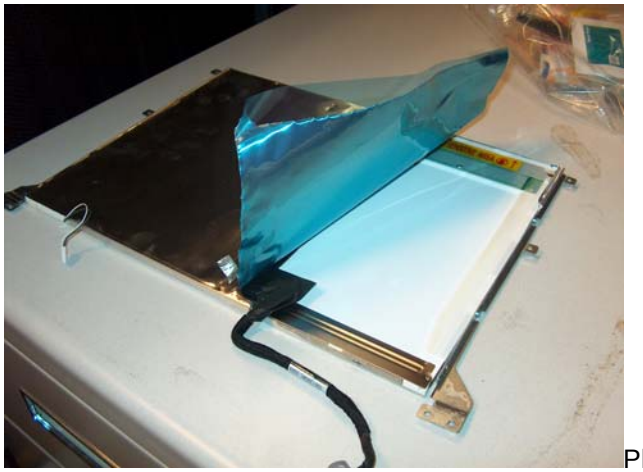
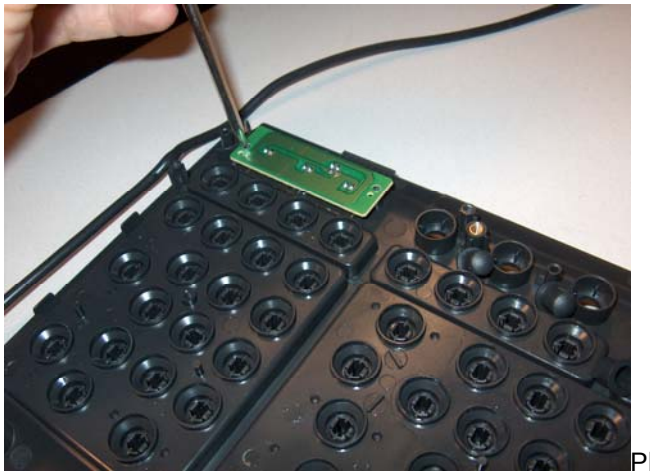


Photo #6

Photo # 7

Photo #8

Photo #9

 Photo #10