Product End-of-Life Disassembly Instructions

Product Category: External Options
Marketing Name / Model [List multiple models if applicable.]
TFT7600 / 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	8
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	All electrical cables and cords supplied may not have been in use by customer. The quantity and type of cords used by the customer are dependant on how the customoer chose to install and use the TFT7600.	7
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	TBD
Flat blade screwdriver	#1

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. Cable Management Arm Assembly: Remove AC adapter from the cable management arm by pulling on the AC adapter to release the Velcro that is securing the AC adapter to the cable management arm.
2. Cable Management Arm Assembly: Using a T15 Torx screwdriver, remove the two screws that secure the plastic cable management arm to the metal cable management arm brace.
3. System Disassembly: Using a T15 Torx screwdriver, remove the 3 screws that secure the left and right slides to the TFT 7600
4. System Disassembly: Facing the rear of the unit and using a T15 Torx screwdriver, remove the 6 screws that secure the rear enclosure to the system chassis. Using a flat blade screwdriver you can now pry off the silver left and right clutch covers.
5. System Disassembly: Turn the TFT7600 updside down on a workbench and using a T15 Torx screwdriver, remove the 8 screws that secure the palm rest assembly to the system chassis. After removing the 8 screws turn the TFT7600 right side up on the work bench and open the display assembly. Gently slide the palm rest assembly in the direction away from the display and lift it off of the system chassis. Note there will be a cable that will still be attached that connects the palm rest assembly to the remainder of the TFT7600. Disconnect the touchpad cable from the palm rest assembly and the keyboard controller circuit board. See photo #1
6. Palm rest disassembly: With palm rest assembly upside down on work bench, pull the flat white ribbon cable out from both connectors that it is connected to. Note you may need to gently slide the locking tabs on the connectors in order to remove the cable. See photo #1
7. Palm rest disassembly: Using a T10 Torx screwdriver remove the two screws that secure the button printed circuit board assembly. See photo #1
8. Palm rest disassembly: Using a flat blade screwdriver, pry the touchpad assembly away from the plastic. Note that the touchpad assembly is secured to the plastic with adhesive. See photo #1
9. Palm rest disassmbly: Using a T10 Torx screwdriver, remove the two screws that secure the silver palm rest bezel from the palm rest.
10. Palm rest disassembly: Using a flat blade screwdriver, pry the magnet located to the left of the large keyboard opening free from the palm rest.
11. Display assembly removal: Using a T15 Torx screwdriver, remove the T15 screw that secures the display cable clip and display cable to the video board cover. Unplug all cables that are visible above the keyboard. Using a T15 Torx screwdriver, remove the screw that is securing each clutch to the base of the chassis. The display assembly can now be removed from the system chassis. See photo #2
12. Display disassembly: Using a flat blad screwdriver, pry the 4 screw covers away from the plastic display. one screw cover is located in each corner of the display assembly. Using a T10 screwdriver, remove the 4 screws that are located in each corner of the display bezel. Using your fingers, pull the display bezel off of the assembly. Note that there are plastic snaps located around the perimeter of the bezel and significant force is required to pull the bezel off. It is best to start the removal at the bottom of the display bezel.
13. Display disassembly: Unplug the two cables that are connected to the printed circuit board below the dispay. Using a T8 Torx screwdriver, remove the two screws that secure the printed circuit board. Note: this printed circuit board

assembly may have stored electrical charge residing in it. Care must be taken not to touch any metal to this printed circuit board. See photo #3

14. Display disassembly: Unplug the two cables that are connected to the printed circuit board to the right of the display. Using a T8 Torx screwdriver, remove the two screws that secure the printed circuit board. See photo #4
15. Display disassembly: Above the left and right sides of the display there are two metal brackets, each secured with two screws. Using a T10 Torx screwdriver, remove the two screws that secure each bracket. After the screws are removed, take the brackets and black plastic latch from the assembly. Pull the foam piece away from the plastic latch.
16. Display disassembly: unplug the cable from the printed circuit board above the display. See photo #5
17. Display disassembly: Using a T10 screwdriver, remove the 8 screws that secure the display to the enclosure. The clutches can now be removed. Using a T8 Torx screwdriver, remove the 4 screws that secure each mounting bracket to left and right sides of the display.
18. Display disassembly: Using a flat blade screwdriver, pry the display shield off of the display. Note that the display shield is attached to the display with adhesive. Take care when removing this shield as the edges can be sharp.
19. Display disassembly: Turn the display upside down. If present, remove any tape that is securing the display cable to the display. After all tape has been removed, unplug the display cable from the display.
20. Base disassembly: Unplug all cables connected to the printed circuit board located below the keyboard. Using a T15 Torx driver remove the 4 screws securing the printed circuit board. Remove the printed circuit board from the base.
21. Base disassembly: Using a T15 Torx screwdriver, remove the 2 screws securing the small printed circuit board above the keyboard. Remove the printed circuit board from the base. See photo #6
22. Base disassembly: Using a T15 Torx screwdriver, remove the 2 screws that secure the metal cover located above the keyboard. Remove the metal cover from the base assembly.
23. Base disassembly:Using a T15 Torx screwdriver, remove the 5 screws that secure the printed circuit board located above the keyboard. Using a "nut driver" remove the four screwlocks that secure connectors. Remove the printed circuit board from the base assembly.
24. Base disassembly: Turn base assembly upside down. Using a T8 Torx screwdriver remove the 4 screws that secure the keyboard. Remove keyboard from the base.
25. Remove all labels that are present.

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).

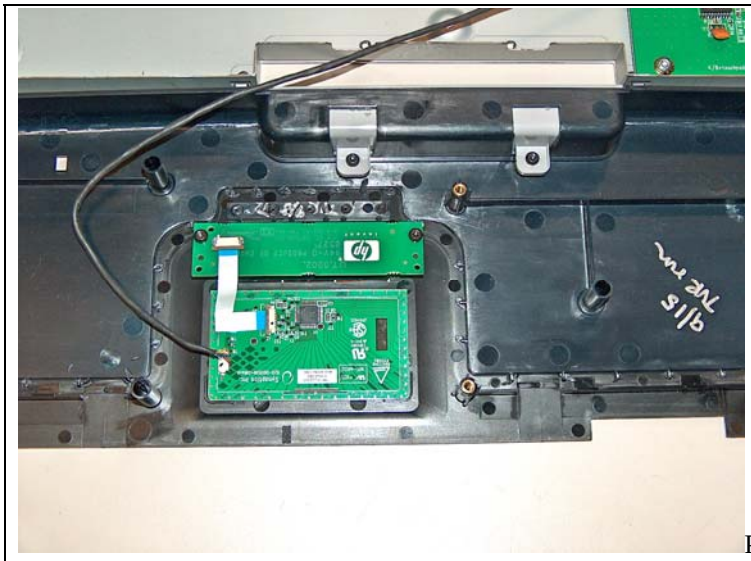

Photo #1

Photo #2

Photo #3

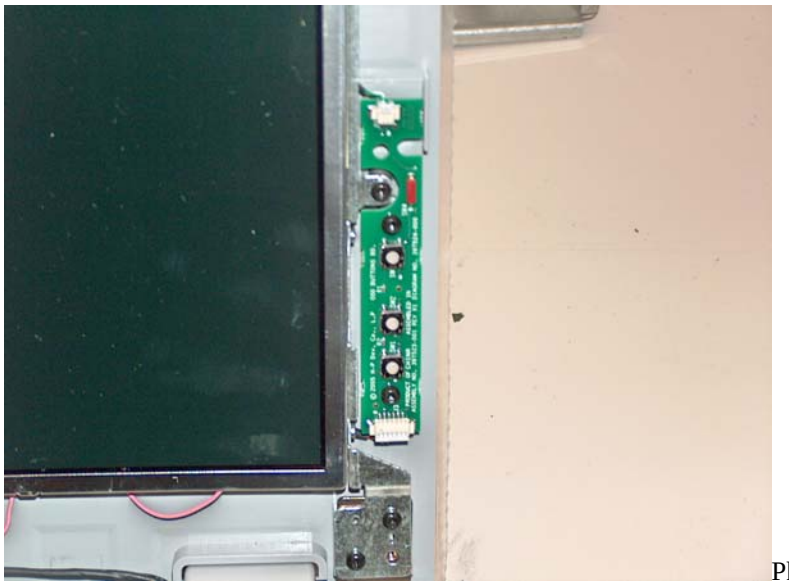
Photo #4

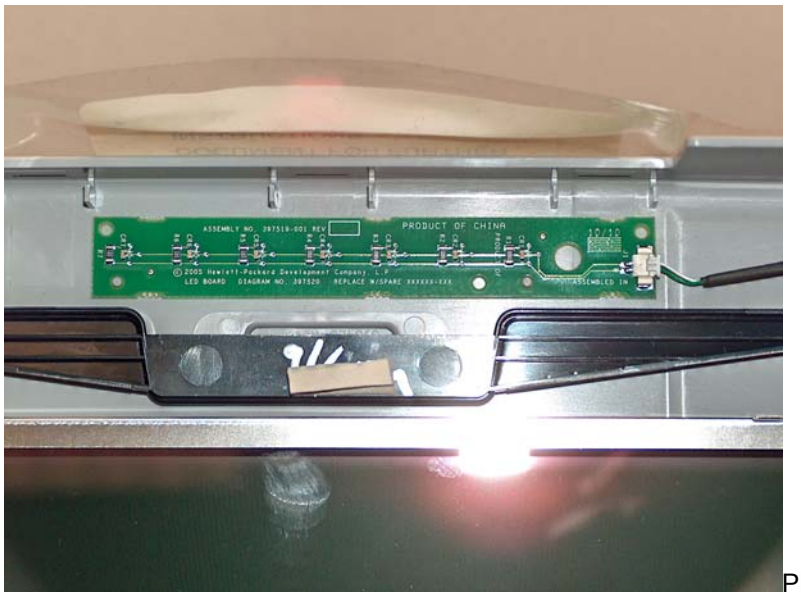

Photo #5


Photo #6