SONY

VGN-FExx series Disassemble Instruction

Table of contents

Section	Title	Page
1	**Disassembly Procedures Outline**	
	Fixture for disassembly	2
2	**Disassembly components**	
	Disassembly battery	4
	Disassembly RAM	4
	Disassembly HDD	5
	Disassembly keyboard	6
	Disassembly ODD	6
	Disassembly K/B cover	6
	Disassembly LCD ASSY	7
	Disassembly Bottom	10
	Disassembly Thermal VGA	10
	Disassembly ASSY Thermal CPU	11
	Disassembly CPU	11
	Disassembly W-LAN moudle	12
	Disassembly Motherboard	12
	Disassembly PWBA touchpad	12

Fixture needed for Disassembly

SIZE	QTY	POSITION
M2*L1.8	3	KB COVER
M2xL2	2	ODD
M2xL2	2	ODD
M2*L3	8	LCD bracket
M2*L3	2	LCD ANTENNA
M2*L3	2	CAMERA BOARD
M2xL3	2	PWBA TOUCHPAD
M2xL3	3	REINFORCEMENT L
M2xL3	1	Speaker
M2xL3	4	KEYBOARD
M2xL3	1	BLUETOOTH CABEL
M2xL3	2	EXPRESS CARD
M2xL3	2	PCMCIA SOCKET
M2xL3	2	MODEM CARD
M2xL5	4	Speaker
M2xL5	2	MOTHERBOARD
M2xL5	1	BLUETOOTH PWBA SHIELDING
M2xL5	4	LCD BEZEL
M2xL5	4	THERMAL MODULE
M2xL5	4	LCD BRACKET
M2xL5	6	LCD HOUSING

Fixture needed for Disassembly

SIZE	QTY	POSITION
M2xL5	2	PCcard slot (inside)
M2xL5	4	LCD HOUSING
M2xL7	4	THERMAL SINK VGA/NB
M2xL7	4	ODD
M2xL7	13	ASSY CABINET BOTTOM
M2xL7	1	BOTTOM
M2*L7	2	PCMCIA SOCKET
M2*L10	1	RAM DOOR
M2*L10	2	HDD BRACKET
M3xL3	4	HDD BRACKET
M3xL6	2	ASSY LCD
M3*L5	2	BOTTOM

SONY

VGN-FExx series Disassemble instructions

1. Remove the battery
2. Disassemble the RAM door and RAM

Step 1.To prevent any kind of cosmetic damages and scratches; place your PC upside on top of a soft surface.
Remove the battery in the direction of the arrow and set aside.

Step 2. Using a screwdriver, remove the marked screw.

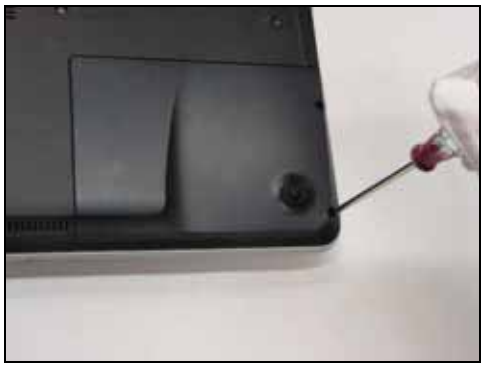
Step 3. Remove memory access door in the direction of the arrow and set aside.

Step 4. Unlock the memory socket, remove it in the direction of the arrow and set aside.

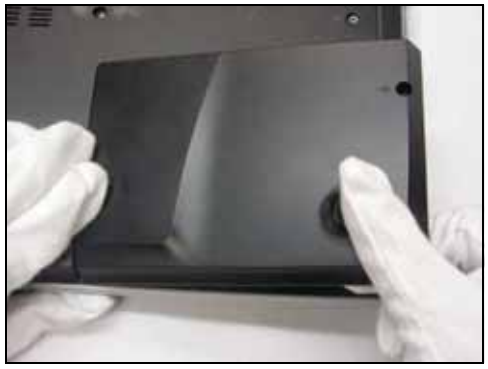
SONY

VGN-FExx series Disassemble instructions

Disassemble the HDD door and HDD

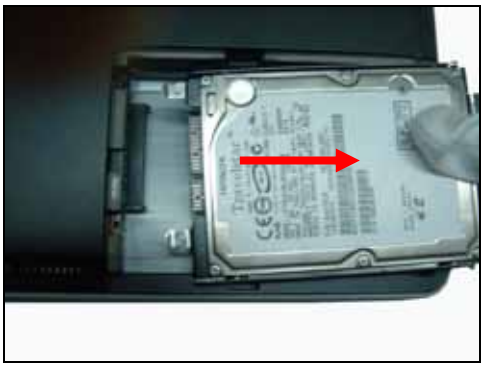


Step 5. Using a screwdriver, remove the screw .



Step 6. Remove hard drive access door and set aside.

Step 7. Using a screwdriver remove the marked screw.

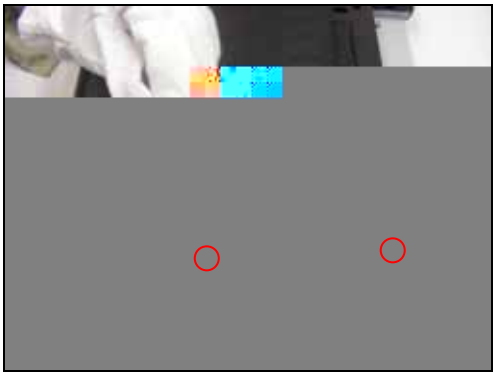


Step 8. Gently pull out HDD in the direction of the arrow and set aside.

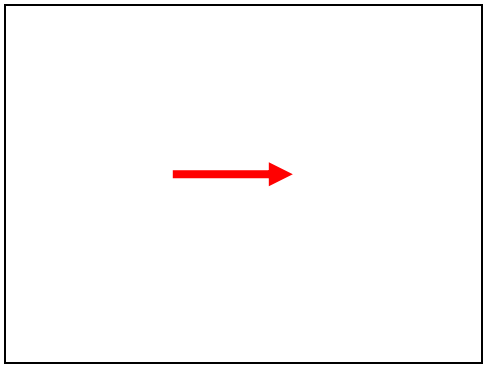
SONY

VGN-FExx series Disassemble instructions

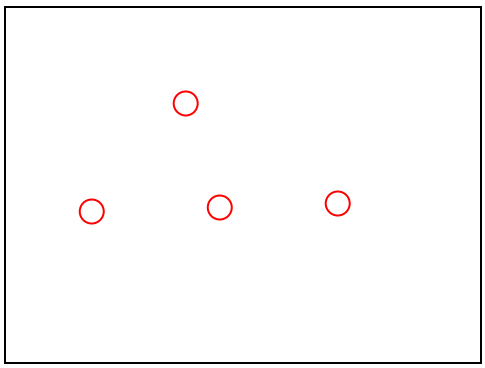
1. Disassemble ODD
2. Disassemble the K/B cover and keyboard



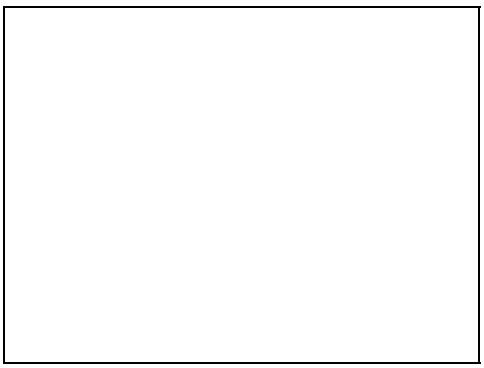
Step 9. Using a screwdriver, remove the marked screw.



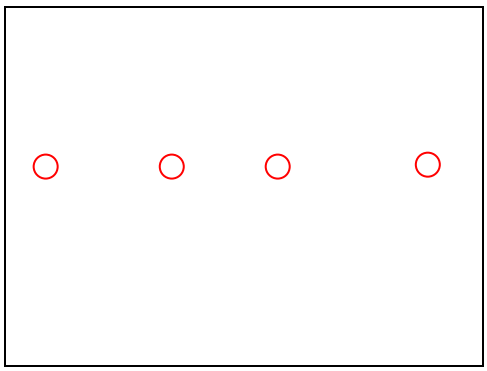
Step 10. Remove the ODD in the direction of arrow and set aside.



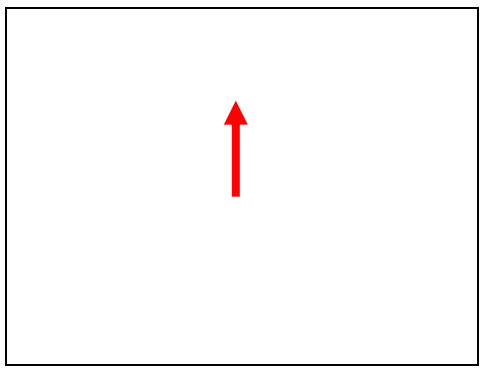
Step 11. Using a screwdriver, remove the marked screw.



Step 12. Remove the K/B cover and set aside.

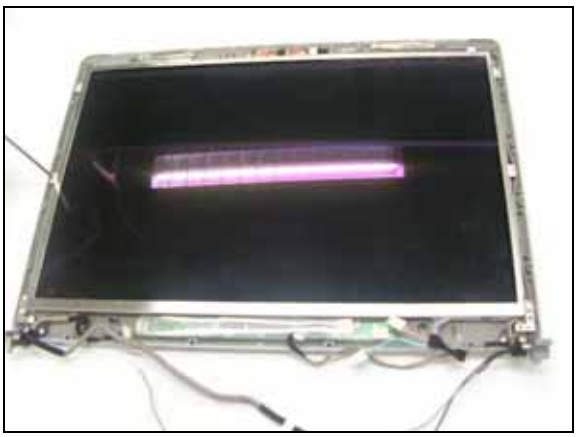


Step 13. Using a screwdriver remove the marked screw.



Step 14. Remove the keyboard data cable in the direction of arrow and set aside.

Step 20.Gently pull out the connecter of the inverter as shown.

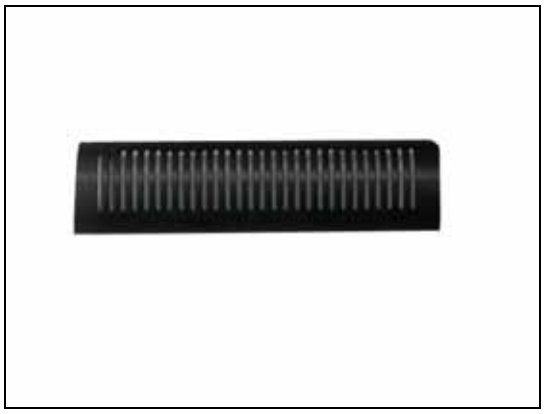


Step 21.Using a screwdriver, remove the screw.

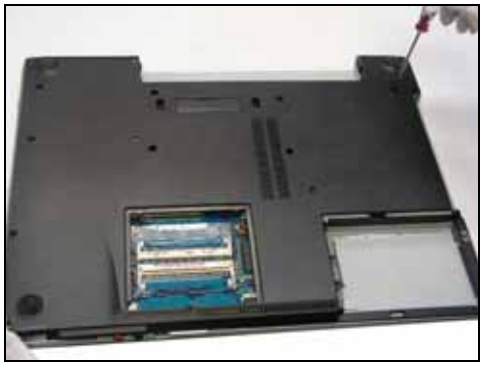
Step 22. Gently remove the Hinge and LCD panel.

Step 23. Gently pull out the cable.

Step 24.Using a screwdriver, remove the marked screw.



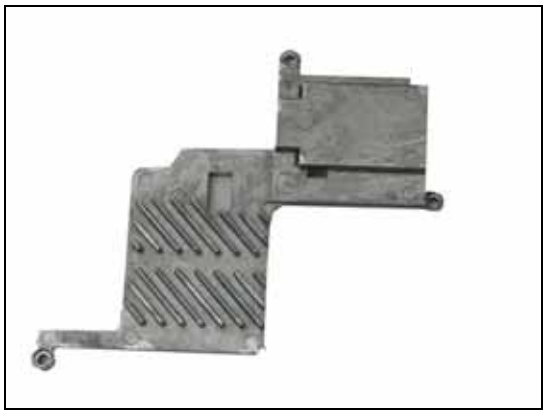
Step 25. Remove the cover thermal outlet in the direction of arrow and set aside.



Step 26. Using a screwdriver remove the screw.

Step 27. Gently remove the bottom and set aside.

Step 28. Using a screwdriver, remove the screw.



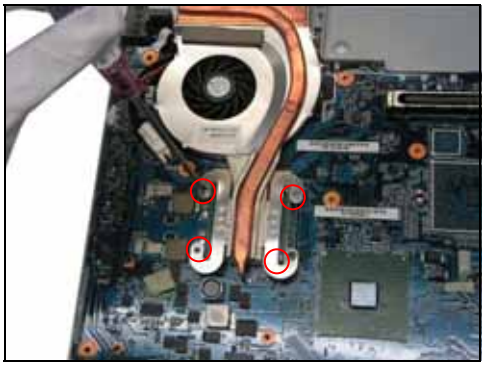
Step 29. Gently remove the bottom and set aside.

SONY

VGN-FExx series Disassemble instructions

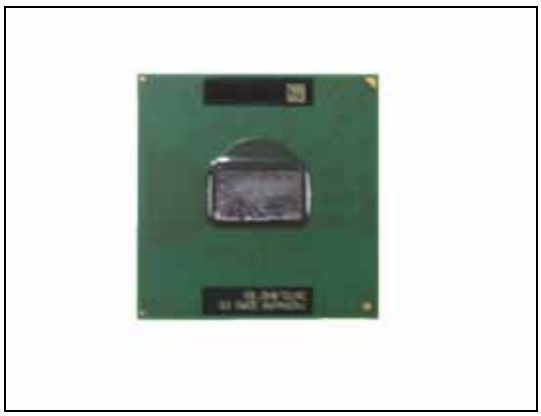
Disassemble the ASSY Thermal CPU and CPU

Step 30. Gently remove the ASSY Thermal CPU cable.



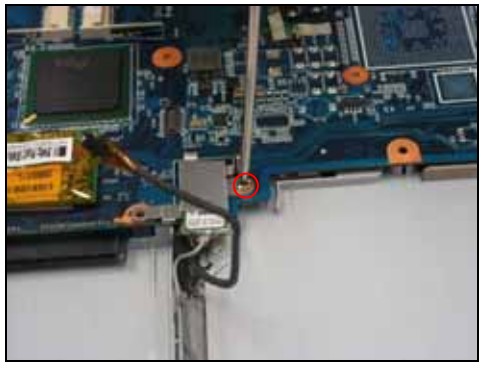
Step 31. Using a screwdriver, remove the marked screw.

Step 32. Gently remove the ASSY Thermal CPU and set aside.

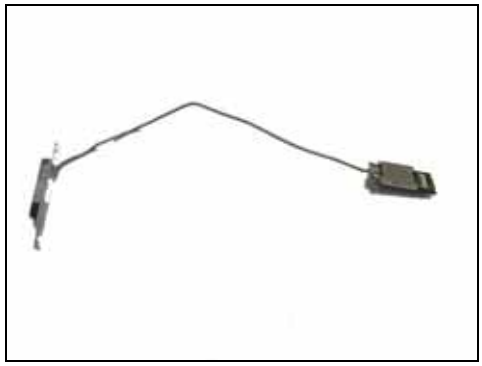


Step 33. Unlock the CPU socket in the direction of arrow then remove the CPU.

Step 34. Gently remove the Modem cable.



Step 35. Using a screwdriver remove the marked screw.



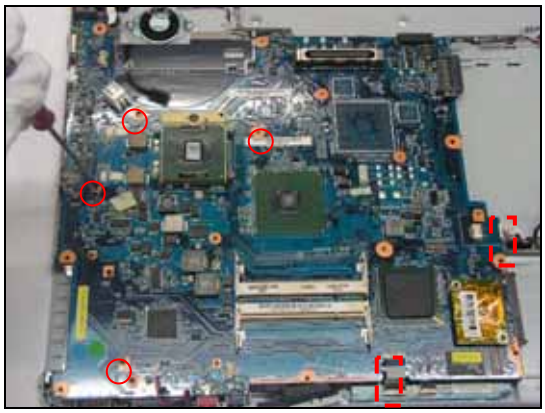
SONY

VGN-FExx series Disassemble instructions

1. Disassemble the W-LAN module
2. Disassemble the Motherboard
3. Disassemble the PWBA touchpad

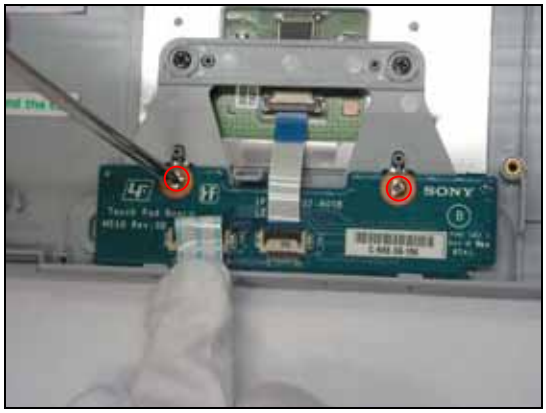
Step 36. Turn around the WHU and unlock the socket as shown.

Step 37. Remove the WLAN card and set aside.

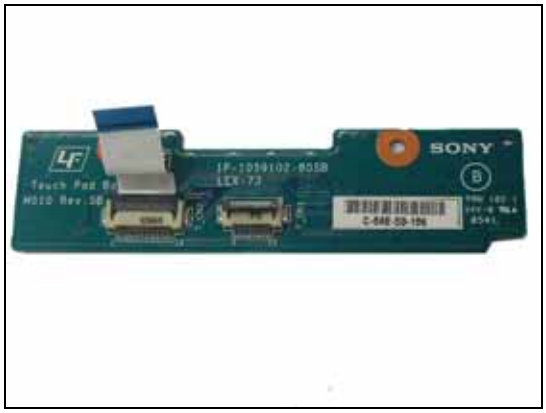


Step 38. Remove the marked screw and cable.

Step 39. Remove the M/B and set aside.



Step 40. Remove the marked screw and cable.



Step 39. Remove the PWBA touchpad.