



Product End-of-Life Disassembly Instructions

Product Category: Personal Computers

Marketing Name / Model

[List multiple models if applicable.]

HP ENVY Notebook PC 17

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	1
Batteries	All types including standard alkaline and lithium coin or button style batteries	2
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	0
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		0
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		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)
Electric cross screwdriver	D73 1 * 3.0 * 20 * 40
Electric cross screwdriver	TORX T8 (2.31mm)

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. Follow steps described in Disassembly instruction (file attached)
2. If parts can be removed without using a tool, remove it first
3. Use correct screwdriver and torque value before unlock the screw.
4. Disconnect RTC battery cable and remove battery from M/B.
5. Dispose of all removed components according to regulation requirements.
- 6.
- 7.
- 8.
- 9.

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).

MANUFACTURING PROCESS INSTRUCTIONS

MECHANICAL ASSEMBLY

MODEL : Sage

Sub-assembly name:	Cleanroom DIS ASS'Y		
Document No.:	Sage Cleanroom DIS ASS'Y SOP		
Written by:	Vick Weng	Revision:	0.1
Date:	2016/03/16	Page:	1

A. Current station version list

Station	Ver.	Station	Ver.	Station	Ver.	Station	Ver.
1	0.1						
2	0.1						
3	0.1						
4	0.1						
5	0.1						
6	0.1						
7	0.1						
8	0.1						

B. Version Modify list

Revision	Date	Station	Content	Ver.	Design
0.1	2016/03/16	ALL	FIRST VERSION	0.1	Vick Weng



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP
Name : Disassemble Bezel

Station : 1(1/1)
Ver. : 0.1 Date : 2016/03/16



Fig.1

Step :

1. Disassemble bezel by tool.



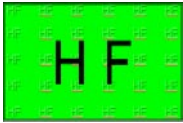
Fig.2



Fig.3

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 2(1/1)

Name : Disassemble LVDS Cable & Touch/B

Ver. : 0.1

Date : 2016/03/16



Fig.1

- Step :
1. Disassemble LVDS cable (6017B0739901/ 6017B0739902) and touch/B.



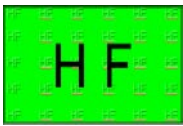
Fig.2



Fig.3

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP
Name : Disassemble LCD

Station : 3(1/1)
Ver. : 0.1 Date : 2016/03/16



Fig.1

- Step :
1. Loosen screw (6052A0034801) * 4. (Fig.1)
 2. Remove sponge * 4. (Fig.2)

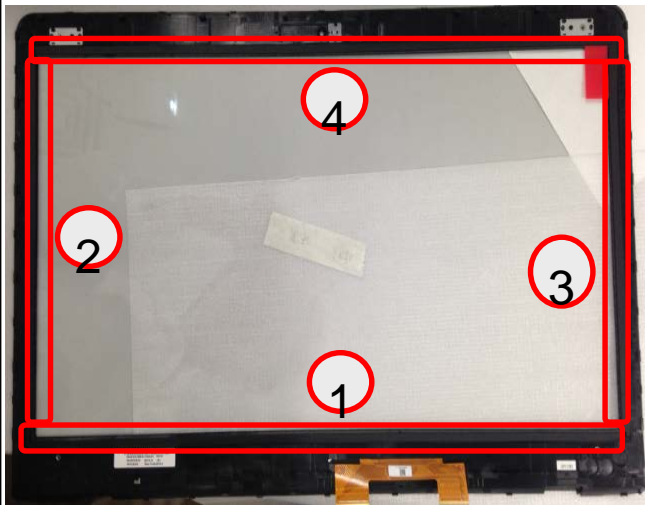
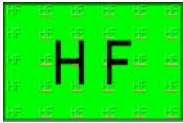


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 4(1/1)

Name : Rip Gaskets & Loosen Screws

Ver. : 0.1

Date : 2016/03/16

- Step :
1. Rip the gasket (6054A0022301) * 2. (Fig.1)
2. Loosen screw (6052B0120001) * 2. (Fig.2)

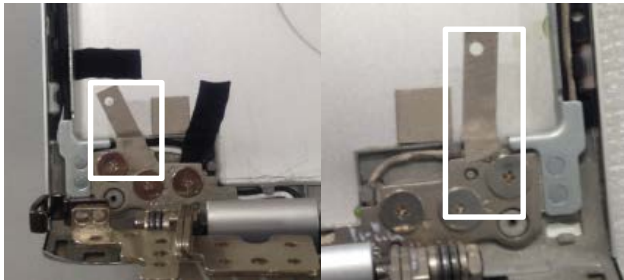


Fig.1

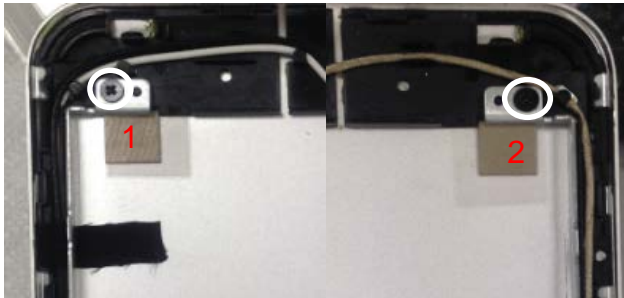
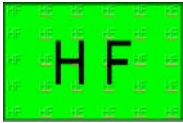


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 5(1/1)

Name : Disassemble Hinges

Ver. : 0.1

Date : 2016/03/16

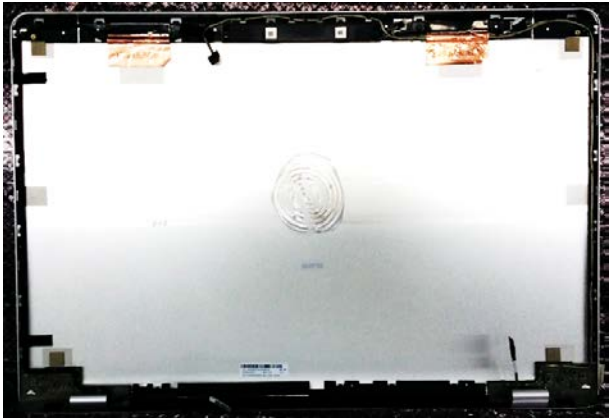


Fig.1

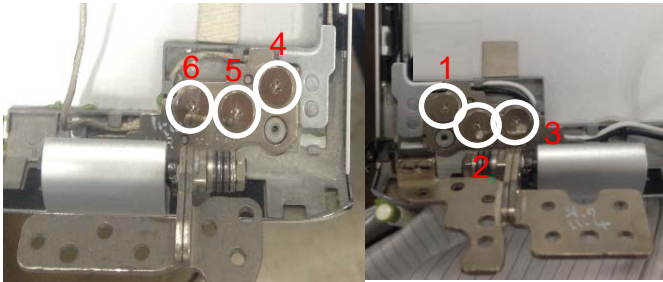
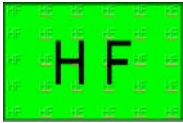


Fig.2

- Step :
- 1. Loosen screw (6052B0131901) * 6. (Fig.2)
 - 2. Disassemble hinges. (Fig.1)

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 6(1/1)

Name : Disassemble Camera Cable

Ver. : 0.1

Date : 2016/03/16

- Step :
- 1. Disassemble camera cable. (Fig.1)
 - 2. Disassemble camera module& MIC. (Fig.2 / Fig.3 / Fig.4)



Fig.1



Fig.3



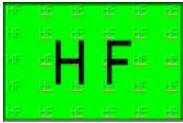
Fig.4



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 7(1/1)

Name : Disassemble Antenna Cable

Ver. : 0.1

Date : 2016/03/16

Step :

1. Disassemble antenna cable.



Fig.1



Fig.3

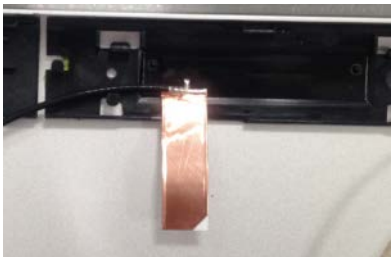


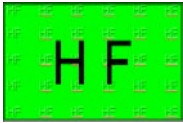
Fig.4



Fig.5

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage Cleanroom DIS ASS'Y SOP

Station : 8(1/1)

Name : Package (Cover)

Ver. : 0.1

Date : 2016/03/16



Fig.1

- Step :
- 1. Inspect cover .
 - 2. Put the cover into box.



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty

MANUFACTURING PROCESS INSTRUCTIONS

MECHANICAL ASSEMBLY

MODEL : Sage

Sub-assembly name:	FA DIS ASS'Y		
Document No.:	Sage FA DIS ASS'Y SOP		
Written by:	Vick Weng	Revision:	0.1
Date:	2016/03/16	Page:	1

A. Current station version list

Station	Ver.	Station	Ver.	Station	Ver.	Station	Ver.
1	0.1	10	0.1	19	0.1	28	0.1
2	0.1	11	0.1	20	0.1		
3	0.1	12	0.1	21	0.1		
4	0.1	13	0.1	22	0.1		
5	0.1	14	0.1	23	0.1		
6	0.1	15	0.1	24	0.1		
7	0.1	16	0.1	25	0.1		
8	0.1	17	0.1	26	0.1		
9	0.1	18	0.1	27	0.1		

B. Version Modify list

Revision	Date	Station	Content	Ver.	Design
0.1	2016/03/16	ALL	FIRST VERSION	0.1	Vick Weng



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 1(1/1)

Name : Remove Rubber

Ver. : 0.1

Date : 2016/03/16

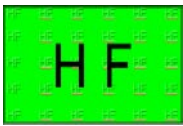
- Step :
1. Remove the rubber (6054B1752901). (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 2(1/1)

Name : Loosen D Case Screws

Ver. : 0.1

Date : 2016/03/16

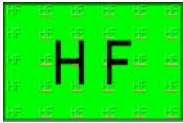
- Step :
1. Loosen screw (6052B0352701) * 4. (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (T5)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP Station : 3(1/1)
Name : Loosen D Case Screws Ver. : 0.1 Date : 2016/03/16

- Step :
1. Loosen screw (6052B0352601) * 4. (Fig.1)

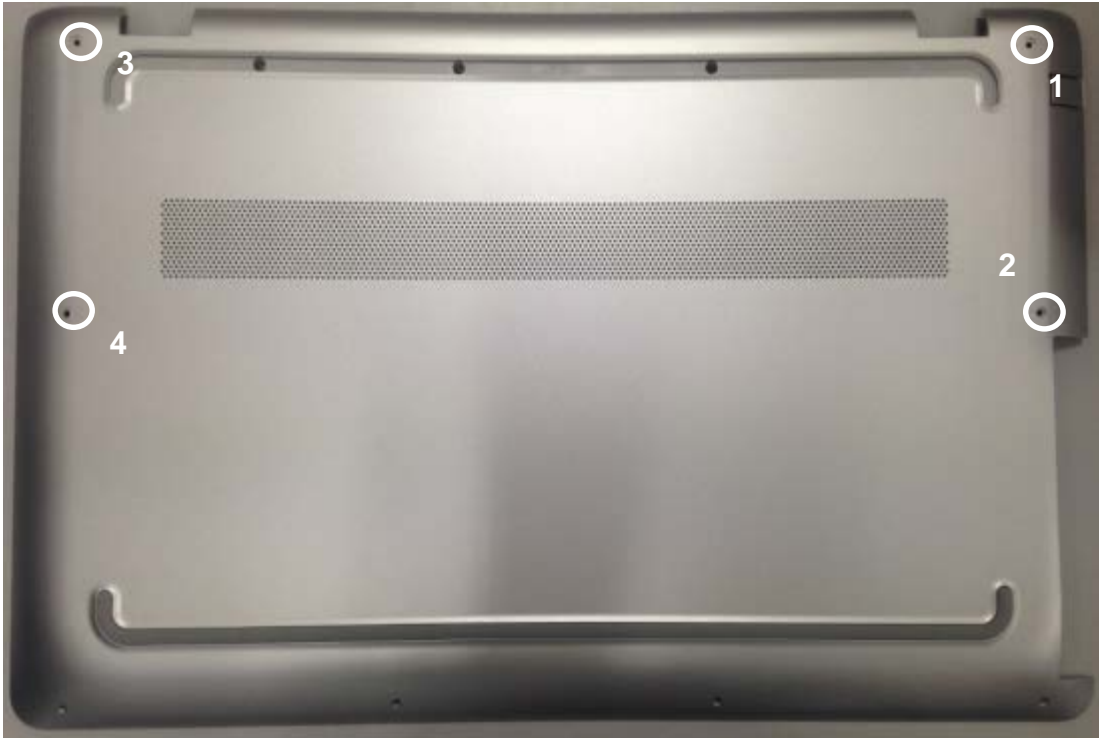
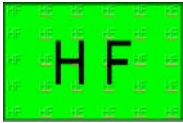


Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (T5)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP Station : 4(1/1)
Name : Loosen D Case Screws Ver. : 0.1 Date : 2016/03/16

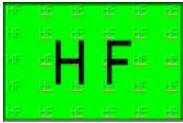
- Step :
1. Loosen screw (6052B0352701) * 3. (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 5(1/1)

Name : Disassemble D Case

Ver. : 0.1

Date : 2016/03/16

- Step :
1. Disassemble D case. (Fig.1/Fig.2)



Fig.1

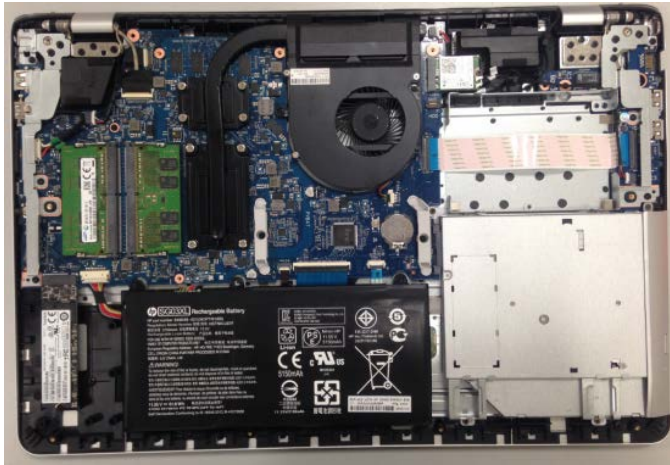
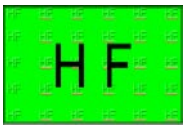


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 6(1/1)

Name : Disassemble Battery

Ver. : 0.1 Date : 2016/03/16

Step :

- 1. Disconnect battery cable. (Fig.1)
- 2. Loosen screw (6052B0127601) * 4. (Fig.2)
- 3. Disassemble battery.



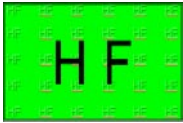
Fig.1



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP
Name : Disassemble ODD

Station : 7(1/1)
Ver. : 0.1 Date : 2016/03/16

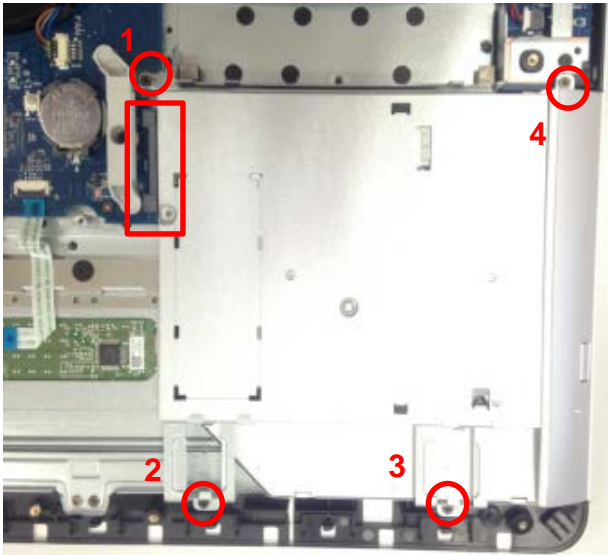


Fig.1

- Step :
1. Loosen ODD screw (6052B0127601) * 4, disassemble the ODD. (Fig.1)
 2. Disassemble ODD bezel (6070B1018501). (Fig.2)

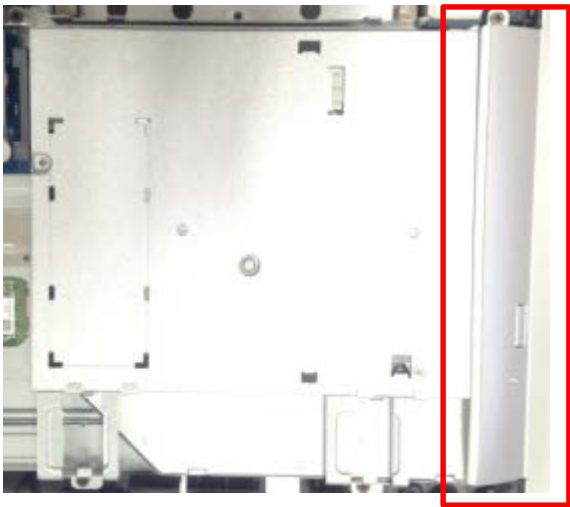
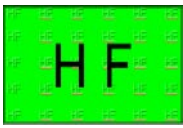


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 8(1/1)

Name : Disassemble ODD Bracket

Ver. : 0.1

Date : 2016/03/16

Step :

1. Loosen screw (6052B0360201) * 2,
disassemble ODD bracket – L (6053B1281001).
(Fig.1)
2. Loosen screw (6052B0360201) * 2,
disassemble ODD bracket – R (6053B1281101).
(Fig.2)



Fig.1



Fig.2

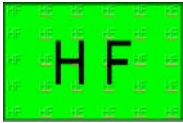
Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		
ODD Support Fixture	1		

Tabulator : Alicia Chien

Auditor : Vick Weng

Issue department : NPSU-PPE



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 9(1/1)

Name : Disassemble DDR & LVDS Cable

Ver. : 0.1

Date : 2016/03/16



Fig.1

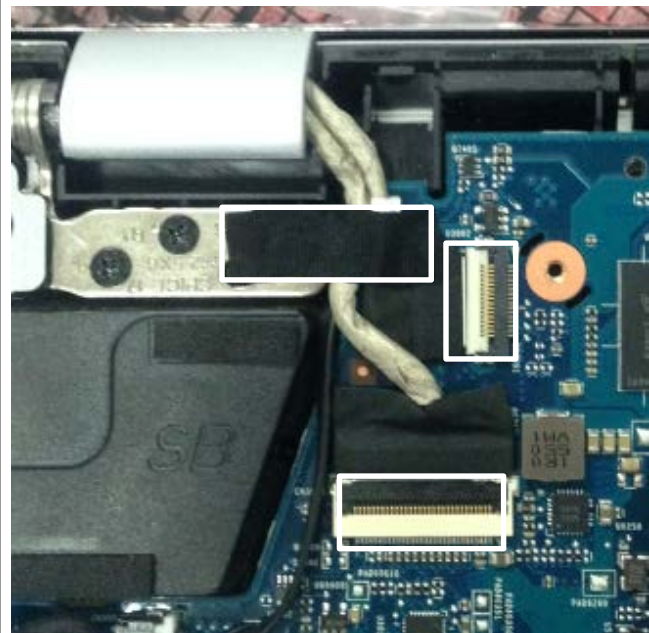
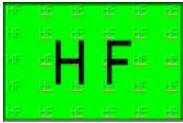


Fig.2

- Step :
- 1. Disassemble DDR. (Fig.1)
 - 2. Rip acid tape (6054A0076201), disconnect webcam & LVDS cable from M/B CNTR. (Fig.2)

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 10(1/1)

Name : Disassemble Antenna Cable

Ver. : 0.1

Date : 2016/03/16

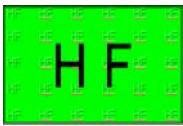
- Step :
- 1. Disassemble antenna cable. (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 11(1/1)

Name : Disassemble WLAN Card

Ver. : 0.1

Date : 2016/03/16

Step :

1. Loosen screw (6052B0127601) * 1,
disassemble WLAN module. (Fig.1)
2. Rip the sponge that is on USB/B
(6054B1784601). (Fig.2)



Fig.1

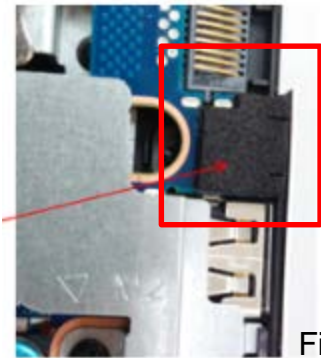
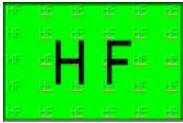


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 12(1/1)

Name : Disassemble HOOK, Touch pad FFC

Ver. : 0.1

Date : 2016/03/16

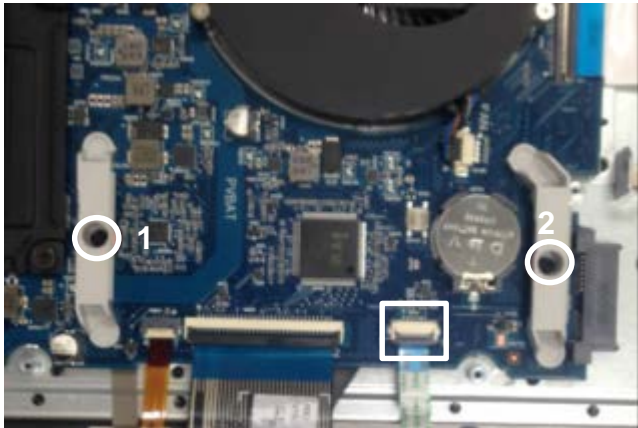


Fig.1

Step :

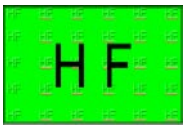
1. Loosen screw (6052B0127601) * 2, disassemble HOOK – L (6051B1072901) & HOOK – R (6051B1072601). (Fig.1)
2. Disconnect touch pad FFC from M/B CNTR. (Fig.1)
3. Rip the gasket (6054B0365701) that is on HDMI CNTR. (Fig.2)



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 13(1/1)

Name : Disassemble I/O Bracket, K/B FFC

Ver. : 0.1

Date : 2016/03/16

Step :

1. Loosen screw (6052B0127601) * 2,
disassemble I/O Bracket – L. (Fig.1)
2. Rip the gasket (6054064A0207). (Fig.2)
3. Disconnect K/B membrane from M/B CNTR.
(Fig.3)



Fig.1



Fig.2

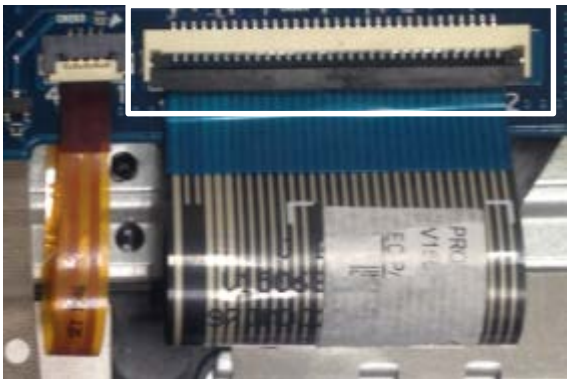


Fig.3

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP Station : 14(1/1)
Name : Disassemble I/O Bracket, K/B backlight FFC Ver. : 0.1 Date : 2016/03/16

Step :

- 1. Loosen screw (6052B0127601) * 3, disassemble I/O Bracket - R (6053B1278601) (Fig.2)
- 2. Rip the gasket (6054064A0207). (Fig.1)
- 3. Disconnect K/B backlight FFC from M/B CNTR. (Fig.3)



Fig.1



Fig.2

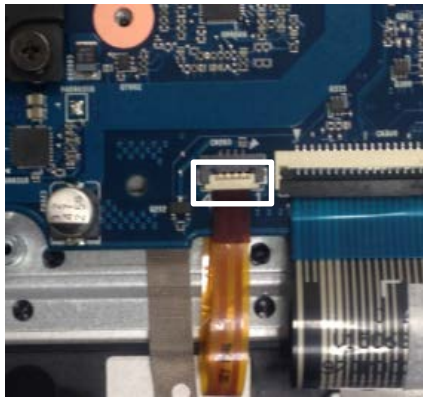
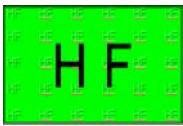


Fig.3

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 15(1/1)

Name : Disassemble DC-IN Cable

Ver. : 0.1

Date : 2016/03/16

- Step :
1. Rip acid tape (6054A0076201).
 2. Disconnect DC-IN cable from M/B CNTR, take out the DC-IN cable. (Fig.1 / Fig.2)



Fig.1

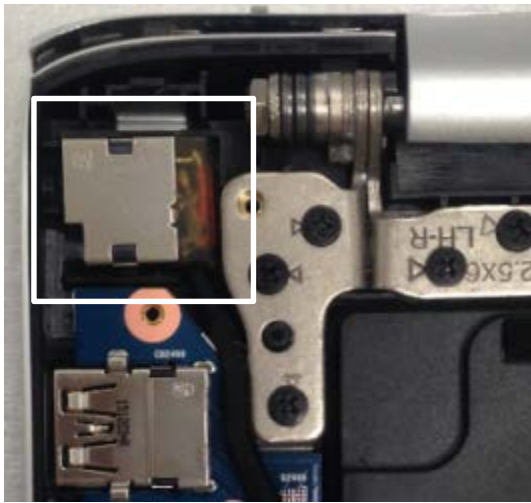
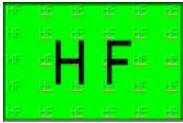


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP Station : 16(1/1)
Name : Disassemble USB/B Cable & SSD Ver. : 0.1 Date : 2016/03/16

Step :

1. Disassemble USB/B cable from M/B CNTR. (Fig.1)

For W/ SSD

2. Loosen screw (6052B0127601) * 1, disassemble SSD. (Fig.2)

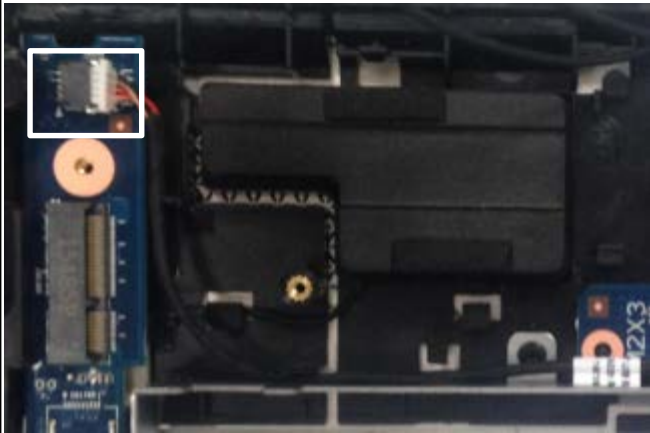


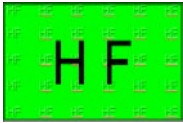
Fig.1



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP
Name : Disassemble HDD

Station : 17(1/1)
Ver. : 0.1 Date : 2016/03/16

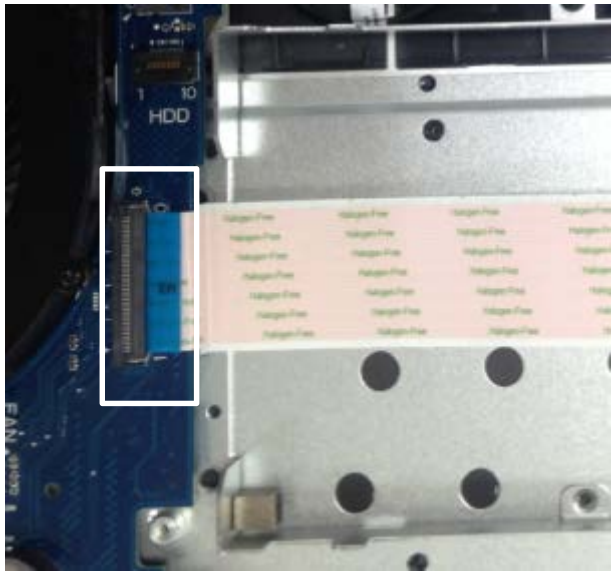


Fig.1

Step :

1. Disassemble USB/B FFC from M/B CNTR. (Fig.1)
- For W/ HDD**
2. Disassemble HDD cable from M/B CNTR. (Fig.2)
3. Disassemble HDD from TPCB. (Fig.2)
4. Disassemble HDD FFC (6017B0739801) from HDD. (Fig.3)
5. Disassemble HDD ear (6051B1077101) cover



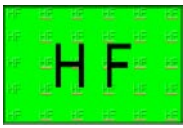
Fig.2



Fig.3

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 18(1/1)

Name : Loosen Hinge Screws

Ver. : 0.1

Date : 2016/03/16

- Step :
1. Loosen screw (6052A0034701) * 13.

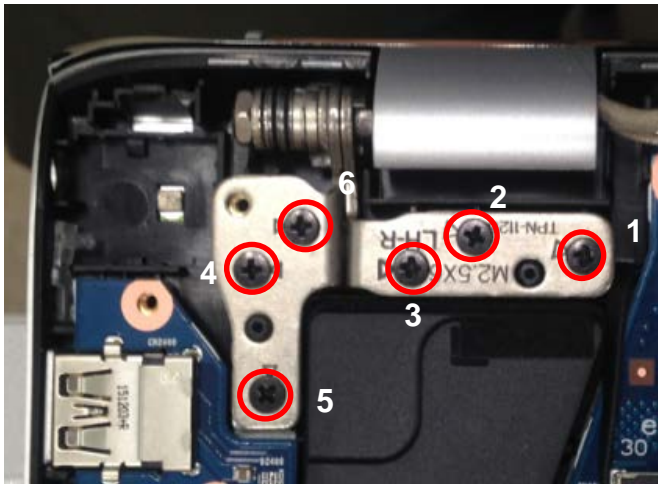


Fig.1

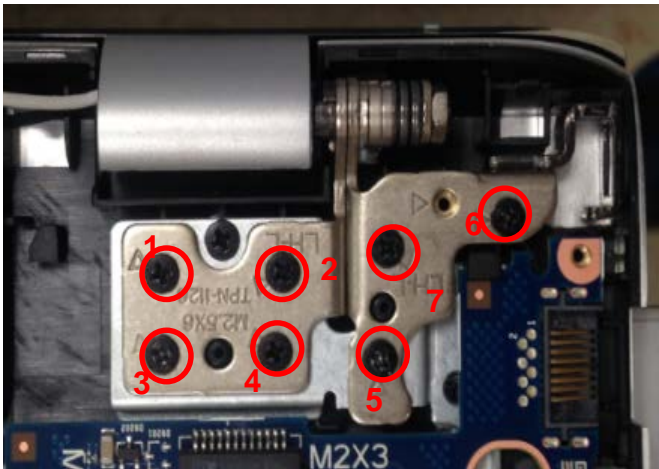
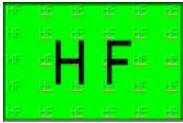


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 19(1/1)

Name : Disassemble USB/B

Ver. : 0.1 Date : 2016/03/16

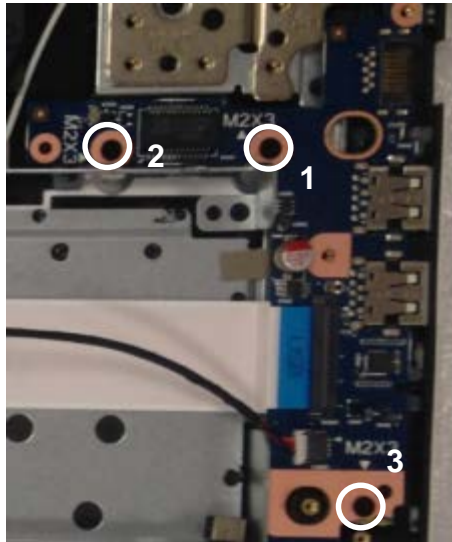


Fig.1

Step :

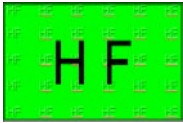
1. Loosen screw (6052A0035101) * 3, disassemble USB/B (1310A2839001). (Fig.1)
2. Disassemble speaker cable from M/B CNTR. (Fig.2)



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP
Name :Disassemble M/B

Station : 20(1/2)
Ver. : 0.1 Date : 2016/03/16

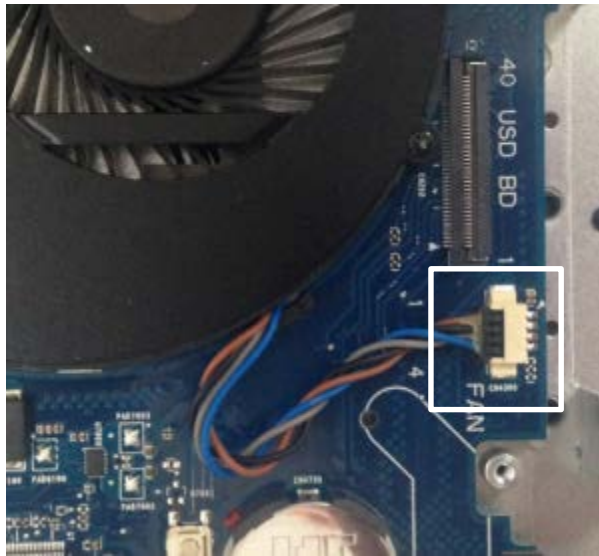


Fig.1



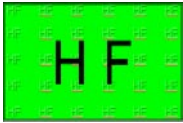
Fig.2

Step :

1. Disassemble FAN cable from M/B CNTR. (Fig.1)
2. Loosen screw (6052B0127601) * 2. (Fig.2)

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP
Name :Disassemble M/B

Station : 20(2/2)
Ver. : 0.1 Date : 2016/03/16

- Step :
- 1. Loosen screw (6052A0035101) * 3. (Fig.1)
 - 2. Disassemble M/B.
 - 3. Rip the rubber. (Fig.2)

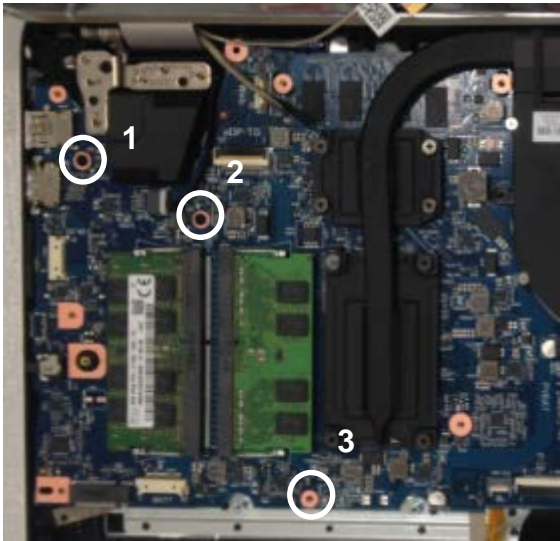


Fig.1

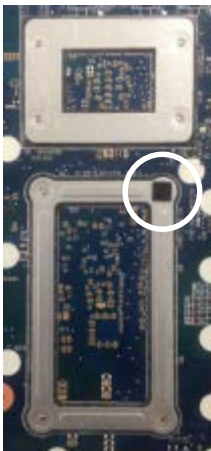


Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 21(1/1)

Name :Disassemble Thermal Module

Ver. : 0.1

Date : 2016/03/16

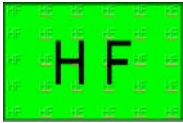
- Step :
1. Put M/B on support fixture, B side upward.
(Fig.1)
2. Loosen thermal module (6043B0203801 / 6043B0203811) set screw * 8, disassemble thermal module. (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		
Thermal module support fixture	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 22(1/1)

Name : Disassemble Speaker

Ver. : 0.1

Date : 2016/03/16

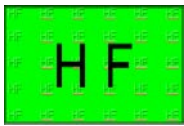
- Step :
1. Disassemble speaker. (Fig.1)



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 23(1/1)

Name : Rip Gaskets

Ver. : 0.1 Date : 2016/03/16

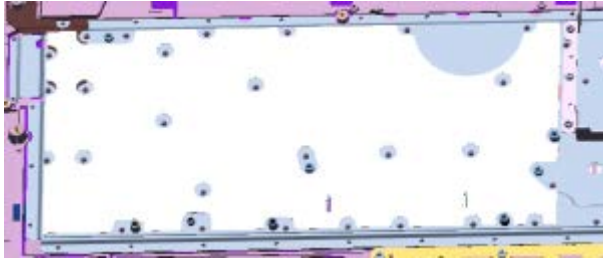


Fig.1

Step :

1. Rip KB BRKT mylar (6054B1751801). (Fig.1)
2. Rip all gasket (6054A0022301) * 12.

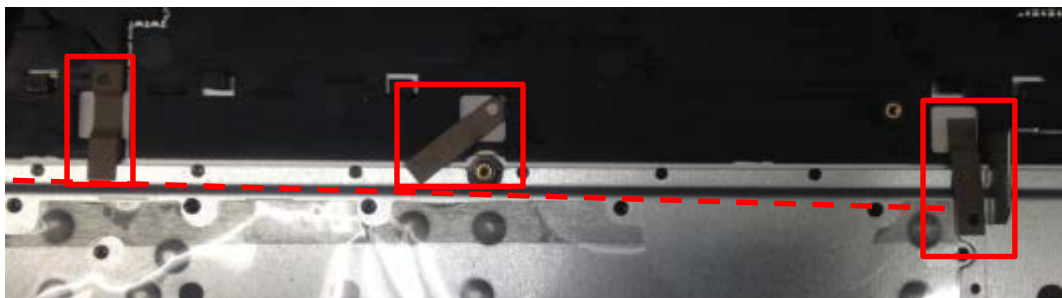
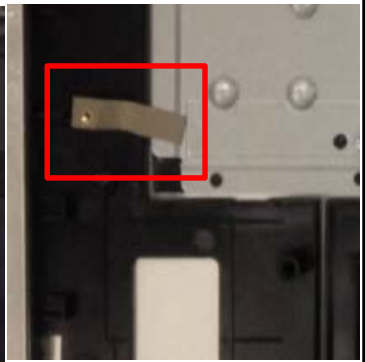
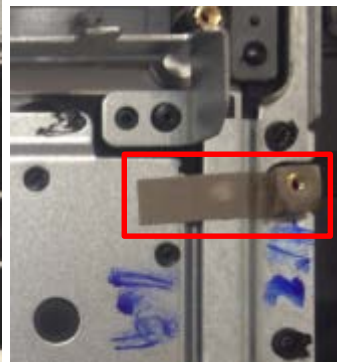
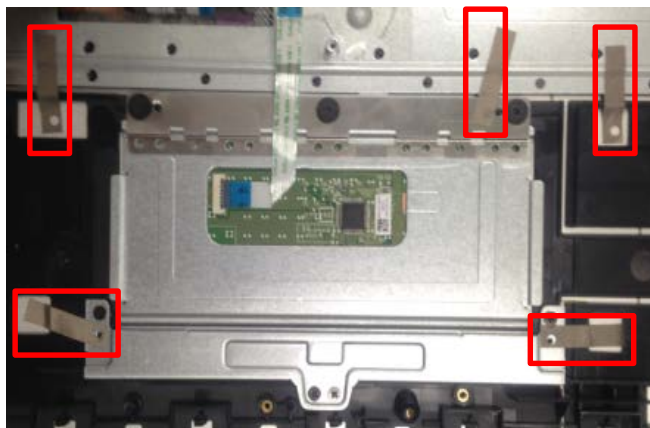
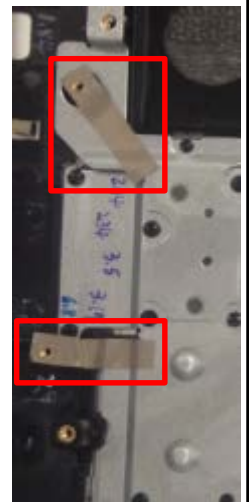


Fig.2



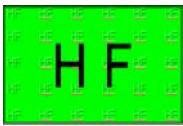
Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty

Tabulator : Alicia Chien

Auditor : Vick Weng

Issue department : NPSU-PPE



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 24(1/1)

Name : Disassemble T/P FFC & Rip Gaskets Ver. : 0.1 Date : 2016/03/16

Step :

1. Loosen screw (6052A0034701) * 1. (Fig.1)
2. Disassemble T/P FFC (6035B0153401) from T/P CNTR. (Fig.2)
3. Rip the gasket (6054B0572101) * 2. (Fig.3)
4. Rip the gasket (6054A0069701) * 2. (Fig.4)

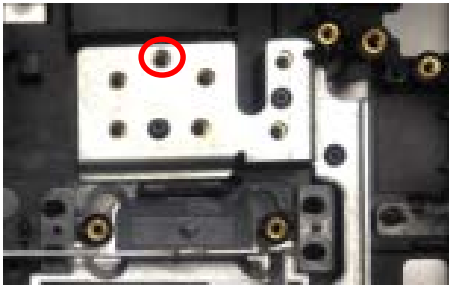


Fig.1

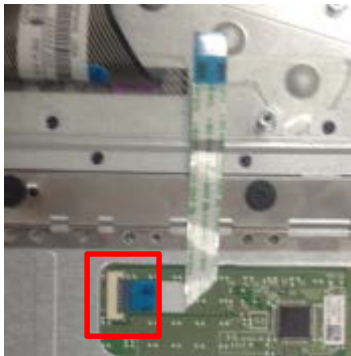


Fig.2



Fig.3

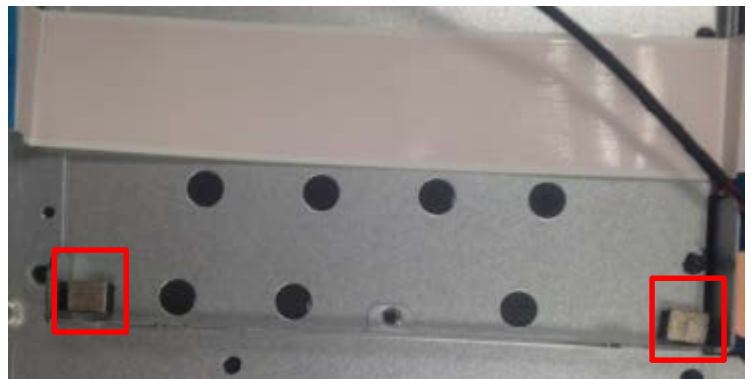


Fig.4

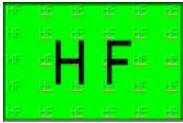
Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		

Tabulator : Alicia Chien

Auditor : Vick Weng

Issue department : NPSU-PPE



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 25(1/1)

Name : Disassemble T/P Bracket

Ver. : 0.1

Date : 2016/03/16

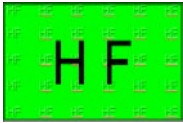
- Step :
1. Loosen screw (6052B0120001) * 4,
disassemble T/P bracket (6053B1281301).
- (Fig.1)



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP Station : 26(1/1)
Name : Disassemble T/P Holder Bracket Ver. : 0.1 Date : 2016/03/16

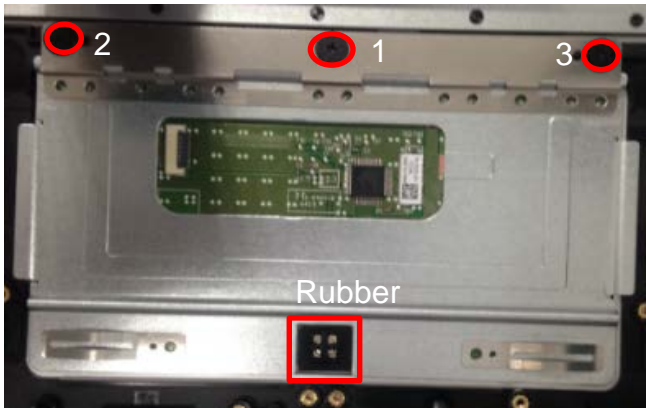
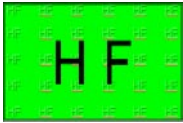


Fig.1

- Step :
1. Rip the T/P rubber (6054B1753901). (Fig.2)
 2. Loosen screw (6052B0131701) * 3,
disassemble T/P holder bracket. (Fig.2)

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty
Electric cross screwdriver (#1)	1		



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 27(1/1)

Name : Disassemble Bracket

Ver. : 0.1

Date : 2016/03/16

Step :

1. Disassemble KB BRKT-L (6053B1287201).
(Fig.1)
2. Disassemble KB BRKT (6053B1287101).
(Fig.2)



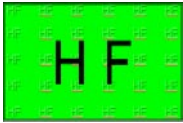
Fig.1



Fig.2

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty



Standard Operation Procedure

Document No. Sage FA DIS ASS'Y SOP

Station : 28(1/1)

Name : Disassemble Keyboard

Ver. : 0.1

Date : 2016/03/16

- Step :
1. Disassemble keyboard backlight board from keyboard.
2. Disassemble keyboard.



Fig.1

Notes : If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard)	Qty	Holding fixture list (holding fixture standard)	Qty