

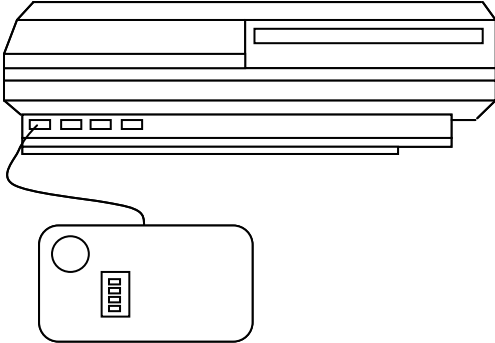
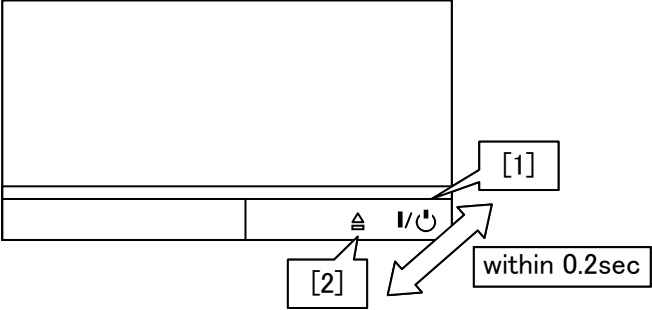
# PLAYSTATION3

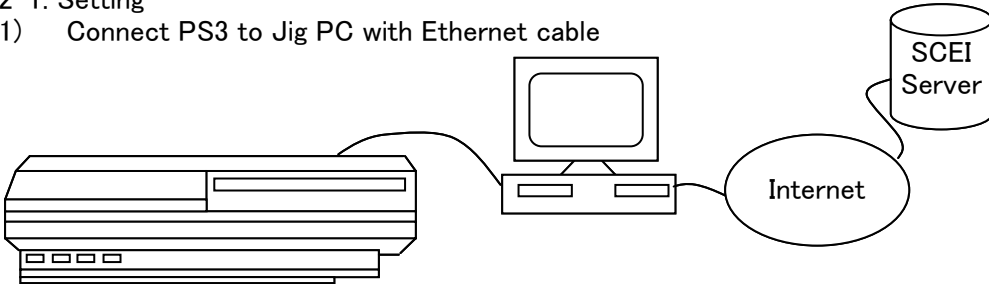
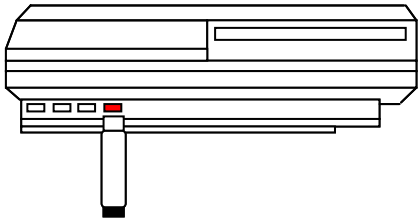
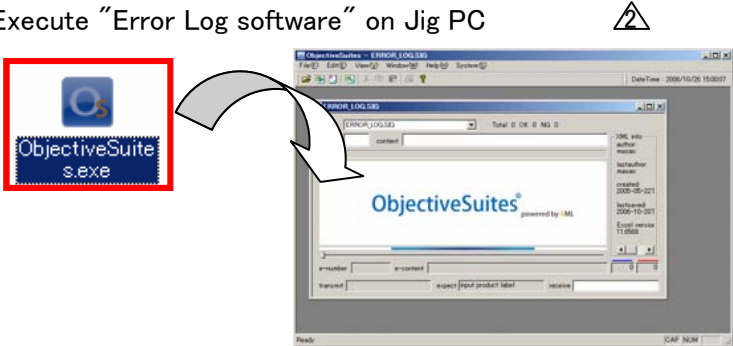
## Refurbish Standard

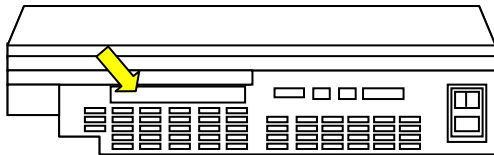
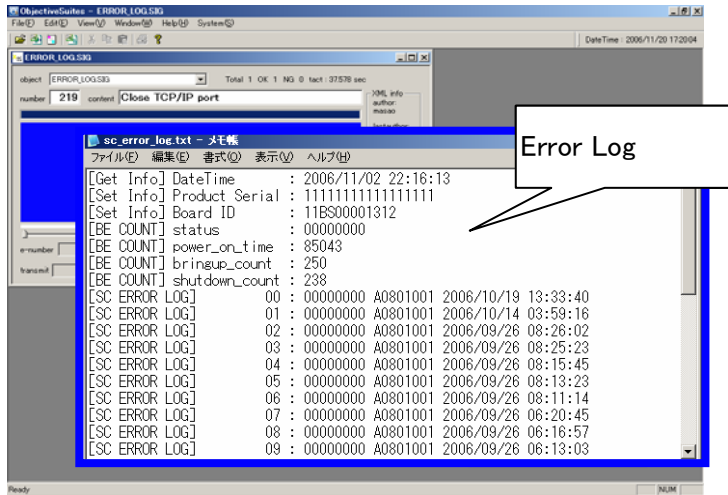
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No.	Description											
	<b>Contents</b>  Flow over view 1. Console Reset 2. Error Log 3. BD Drive test/exchange 4. Renew serial label 5. Install Setup Software 6. Console setup 7. Install System Software for repair 8. Wireless Test 9. Game Test -PS1 Format -PS2 Format -PS3 Format 10. DRM Test -AACS -CPRM -SACD 11. Storage Test for repair 12. Console finalize 13. Isolation test     △ <sub>2</sub>  A. Parts reuse     △ <sub>3</sub>  <Appendix> Install Driver for BD Drive Jig Server authentication											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29
△ <sub>1</sub>				△ <sub>4</sub>				△ <sub>7</sub>				
△ <sub>2</sub>	06.Mar.07	Rev 1.2		△ <sub>5</sub>				△ <sub>8</sub>				
△ <sub>3</sub>	18.Jun.07	Rev 1.3		△ <sub>6</sub>				△ <sub>9</sub>				

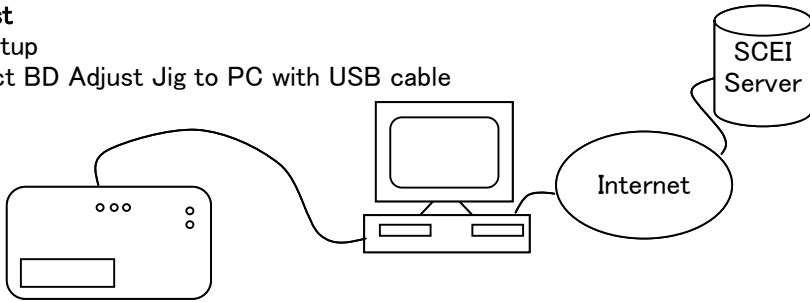
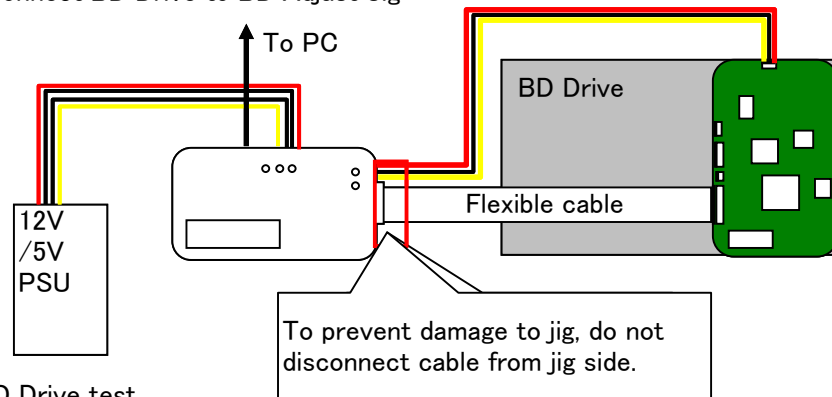
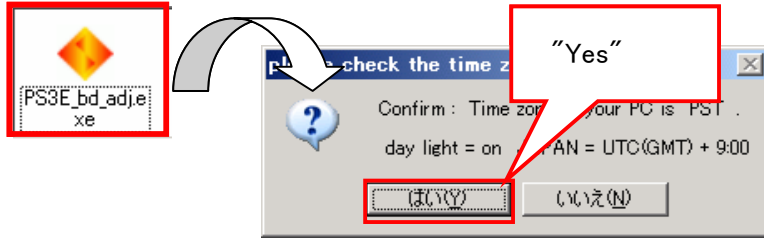
No.	0 Refurbish Flow overview											
<div><div><div><div><div>Console reset</div><div>- Change mode to "Service" PS3: Console Reset Jig</div></div><div><div>Error log</div><div>- "Critical" error check (with Old label) PC: Error log software PS3: Communication USB stick</div></div><div><div>BD Drive test +cosmetic</div><div>-Test or Exchange with the already tested Drive PC:PS3_BD_ADJ.exe BD drive: BD adjustment jig</div></div><div><div>Serial label Renew</div><div>Remove old label and replace with new label if label is damaged or unreadable.</div></div><div><div>Install Setup Software</div><div>Install Jig OS PS3: Setup Software USB stick</div></div><div><div>Console setup</div><div>- Install low level OS - Default setting - RTC setting PC: Console Setup Software</div></div><div><div>Install System Software</div><div>- Install OS - DRM Keys - BD Drive binding BD,BT/WL,MS/CF/S D =&gt; Firm update PS3: System Software CEX USB stick</div></div><div><div>Wireless test</div><div>- WirelessLAN test - Bluetooth test - BD revoke list install PS3: Wireless USB stick</div></div><div><div>Game test</div><div>- PS1 Game test - PS2 Game test - PS3 Game test</div></div><div><div>DRM test</div><div>- AACs Test - CPRM Test - SACS Test</div></div><div><div>Storage test for refurbish</div><div>- miniSD Test - MSduo Test - SATA Test(*) - Aging on high load PS3: Storage test USB stick</div></div><div><div>Console finalize</div><div>- MS/SD/CF Test - Report to eerver - Return mode to "Normal" PC: Console Finalize Software PS3: Communications USB stick</div></div><div><div>insulation test</div><div>-Dielectric strength voltage test</div></div></div><div><div>Fail</div><div>Fail</div><div>Fail</div><div>Others</div><div>Others</div><div>Others</div><div>Parts exchan</div><div>Parts exchange</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts Reuse</div><div>Parts 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No.	Description				Standard				Equipment			
1	<b>Console Reset</b> 1-1. Setting 1) From main power switch off  2) Connect Console Reset Jig to PS3 with USB cable    1-2. Reset 1) Turn main power switch on. Touch Power button on, and then touch Eject button within 0.2sec    2) If successful, the Blue LED will stay lit and the Green LED will blink and the system will automatically shut down 3) Remove Console Reset Jig  If console reset fails repeat again from 1-1 1								Console Reset Jig (supplied from SCEI CS)			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6

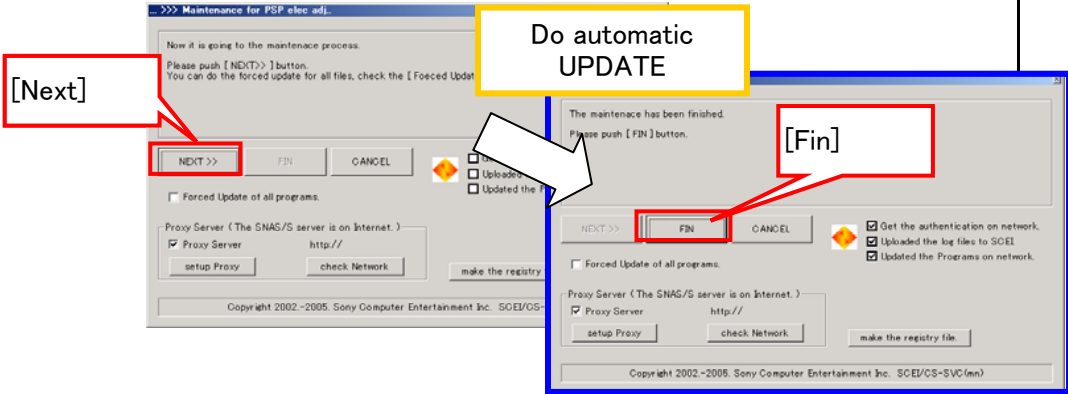
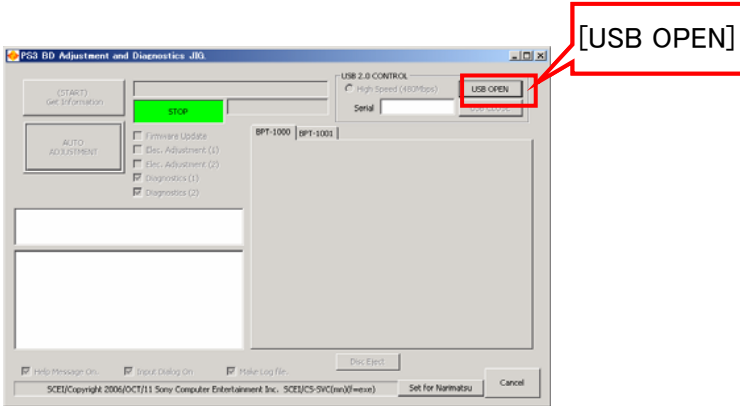
No.	Description				Standard				Equipment			
2	<b>Error Log</b> 2-1. Setting 1) Connect PS3 to Jig PC with Ethernet cable  2-2. Collect Error log 1) Connect "Console Communication USB" to PS3  2) Execute "Error Log software" on Jig PC 				NIC between Jig PC and PS3 should be on mother board of PC. IP setting is as follows <b>192.168.0.100</b>  USB must be used on right port as shown				- "Console Communication USB" - "Error Log Software" (PC Jig) - Barcode reader			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29
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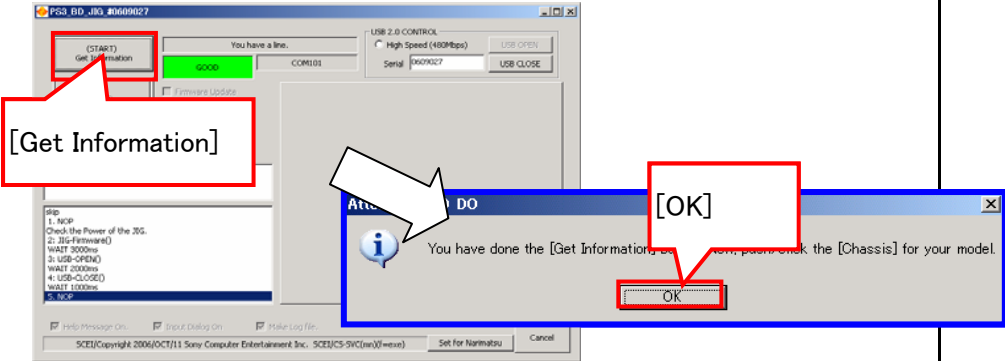
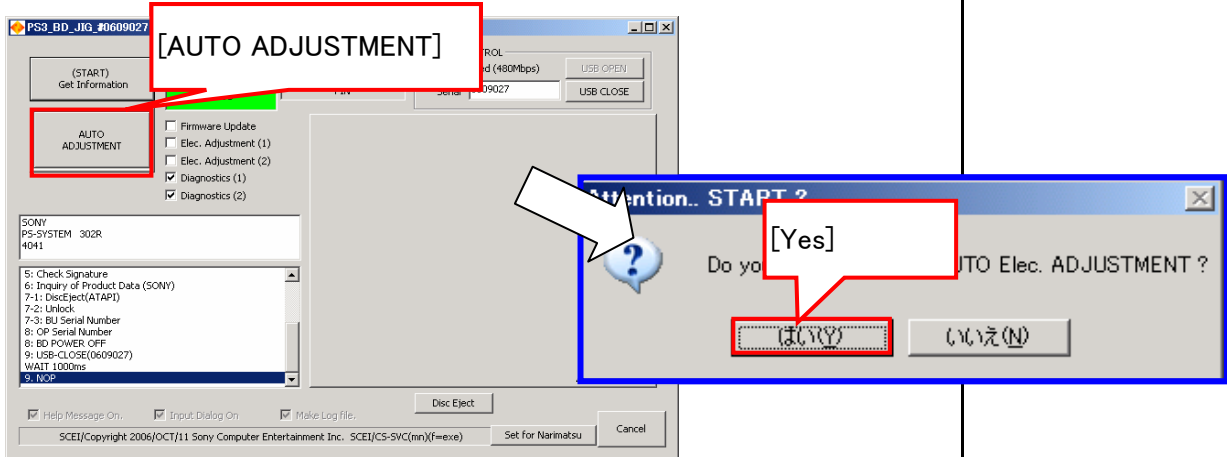
No.	Description	Standard	Equipment									
2	<div>Error Log</div> <div>3) Scan serial barcode on rear panel</div> <div></div> <div>4) After message "wait connection during 60 sec" is displayed, boot PS3.⚠</div> <div>5) Testing starts automatically. Result is displayed in a separate window. If error log retrieval is successful it will be in stored in sc_error_log.txt.</div> <div></div> <div>6) Power off PS3. ⚠</div> <div>7) Remove "Console Communication USB". ⚠</div>	"PASS"										
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
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⚠	06.Mar.07	Rev 1.2		⚠				⚠				
⚠				⚠				⚠				DATE 2006/Dec/29

No.	Description											
2	<b>Error Log</b> 2-3. Error log format <div data-bbox="172 316 1160 1077"> </div>								[GET Info] DateTime -> Tested date and time [GET Info] Product Serial -> Console serial number [GET Info] Board ID -> Main circuit board (MCB) serial number [BE COUNT] status -> 00000000 means success, others means fail [BE COUNT] power_on_time -> Cumulative time(seconds) [BE COUNT] bringup_count -> Number of times of booting [BE COUNT] shutdown_count -> Number of times of "Normal shut down" [SC ERROR LOG] Error logs [1] Log number (00-31) [2] Status : 00000000 means success, others means fail => Whether error log is gotten or not [3] Error log : refer to Error log list [4] Time and date of error occurred : based on UTC			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Reproduction Standard  DATE 2006/Nov/6
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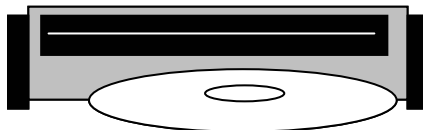
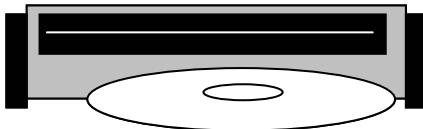
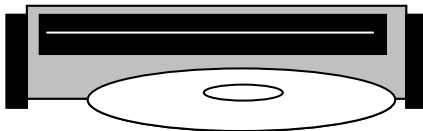









No.		Description				Standard				Equipment			
3		<div><div>BD Drive test</div><div>3-1. Test Setup</div><div>1) Connect BD Adjust Jig to PC with USB cable</div><div></div><div>2) Connect BD Drive to BD Adjust Jig</div><div></div><div>3-2. BD Drive test</div><div>1) Execute "PS3E_bd_adj.exe" on PC</div><div></div></div>								PS3 BD ADJUST Jig (SVC-H3A601SS J2504879A) Power supply unit for BD ADJUST Jig			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6	
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
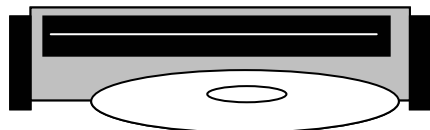
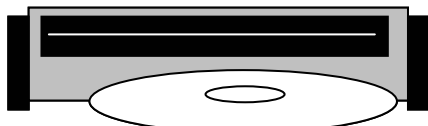
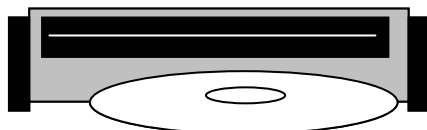











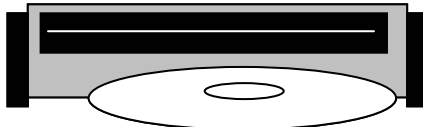
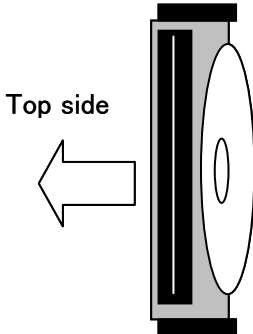
No.	Description	Standard	Equipment									
3	<div>BD Drive test</div> <div>2) Update program</div> <div></div> <div>3) Click [USB OPEN] to get connection between PC and BD ADJUST Jig</div> <div></div>											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
1				4				7				
2				5				8				
3				6				9				DATE 2006/Nov/6

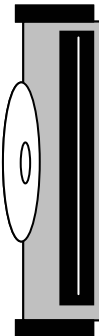
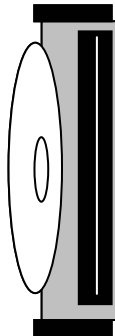
No.		Description				Standard				Equipment			
3		BD Drive test											
		4) Click "[ START] Get Information" button If successful, click [OK] on confirmation dialog box											
													
		5) Click [AUTO ADJUSTMENT], and then click [Yes] on confirmation dialog box Test starts automatically											
													
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6	
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△				△				△					
△				△				△					

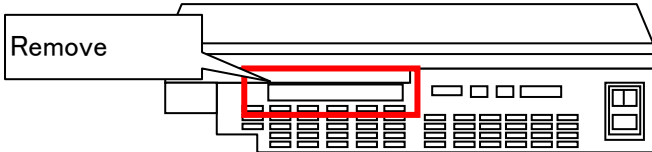
No.	Description	Standard	Equipment									
3	<b>BD Drive test</b>											
	6) Scan barcode on rear of BD Drive		Barcode reader									
	<div><div><div><div>Data Input...</div><div>Please put a barcode for the Product Serial Number.</div><div>OK</div><div>CANCEL</div><div>INPUT DATA</div><div></div></div></div><div><div>BD Drive</div><div><div>Barcode</div></div></div></div>											
	7) As indicated, insert CD-ROM test disc Test starts automatically	<div><div><div>Attention...</div><div>[ 3 ] CD-ROM(YHDS-50) Insert the DISC.</div></div><div><div></div><div></div></div></div>		J2504886A : YHDS-50								
8) As indicated, insert CD-RW test disc Test starts automatically	<div><div><div>Attention...</div><div>[ 7 ] CD-RW(BD Drive Final Test Disc) Insert the DISC.</div></div><div><div></div><div></div></div></div>		J2504902A : CD-RW-TEST DISC									
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
1				4				7				
2				5				8				
3				6				9				DATE 2006/Nov/6

No.	Description	Standard	Equipment									
3	<b>BD Drive test</b>											
	9) As indicated, insert DVD-ROM(HLXR-4019) test dsc Test starts automatically <div><div>Attention...</div><div>[ 10 ] DVD-ROM(DVD ROM Test Disc Parallel HLXR-4019) Insert the DISC.</div></div> 		J2504884A : HLXR-4019									
	10) As indicated, insert DVD+R(DL) test disc Test starts automatically <div><div>Attention...</div><div>[ 13 ] DVD+R(BD Drive Final Test Disc DVD+R(DL)) Insert the DISC.</div></div> 		J2504903A : DVD+R-8.5G -TEST DISC									
	11) As indicated, insert DVD-WR(SL) test disc Test starts automatically <div><div>Attention...</div><div>[ 16 ] DVD-RW(BD Drive Final Test Disc DVD-RW(SL)) Insert the DISC.</div></div> 		J2504904A : DVD-RW-4.7G -TEST DISC									
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
												
												
												DATE 2006/Nov/6

No.	Description								Standard				Equipment						
3	<b>BD Drive test</b>												J2504919A : BCJZ-99802 						
	12) As indicated, insert BD-ROM(DL:BCJZ-99801) Test starts automatically												J2504905A : BD-RE-25G -TEST DISC						
	<div><div>Attention...</div><div>[ 21 ] BD-ROM(DL)(BD Adjustment Disc 50GB Sheet BCJZ 99801) Insert the DISC.</div></div> <div></div>																		
	13) As indicated, insert BD-RE(SL) Test starts automatically												J2504906A : BD-R-25G -TEST DISC						
	<div><div>Attention...</div><div>[ 26 ] BD-RE(SL)(BD Drive Final Test Disc BD-RE(SL) ) Insert the DISC.</div></div> <div></div>																		
	14) As indicated, insert BD-R(SL) Test starts automatically																		
	<div><div>Attention...</div><div>[ 32 ] BD-R(SL)(BD Drive Final Test Disc BD-R(SL) ) Insert the DISC.</div></div> <div></div>																		
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard							
																			
	06.Mar.07	Rev 1.2																	
												DATE 2006/Dec/29							

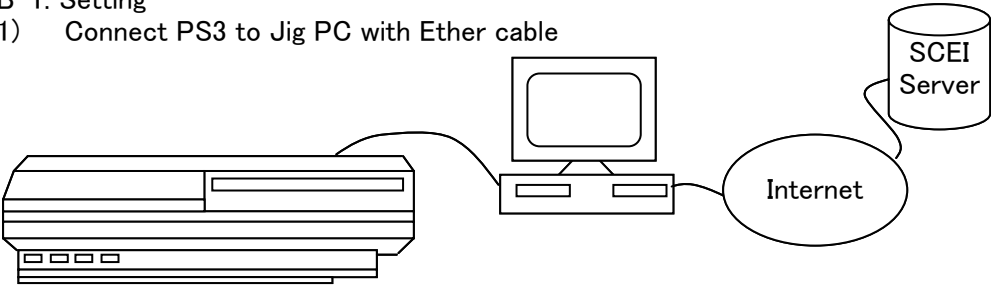
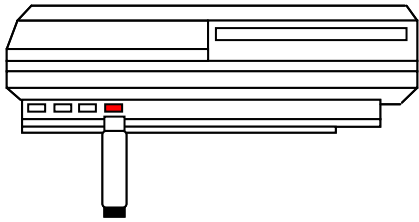
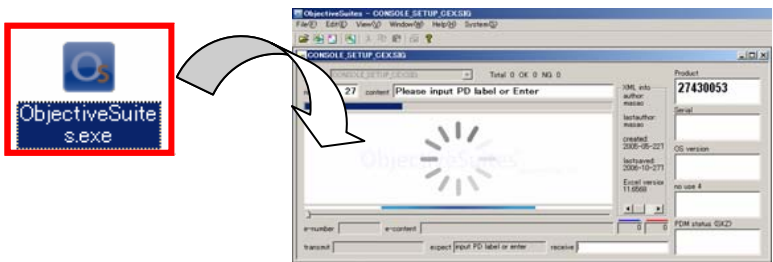
No.	Description							Standard				Equipment
3	<b>BD Drive test</b>											J2504907A : BD-R-50G -TEST DISC
	15) As indicated, insert BD-R(DL) test disc Test starts automatically											
	<div><div>Attention...</div><div>[ 37 ] BD-R(DL)(BD Drive Final Test Disc BD-R(DL) ) Insert the DISC.</div></div> <div></div>											J2504881A : BCJZ-99701
	16) Stand up BD Drive in vertical position as indicated (refer to drawing), As indicated Insert BD-ROM(SL:BCJZ-99701) test disc  Test starts automatically											
<div><div>Attention...</div><div>!!! Diagnostics 2 : Please set the BD, VERTICAL POSITION, and then ..... [ 5 ] BD-ROM(SL)(BD Adjustment Disc 25GB Sheet BCJZ 99701) Insert the DISC.</div></div> <div><div>Top side</div><div></div></div>												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6

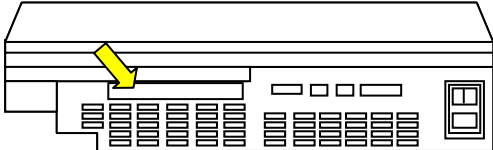
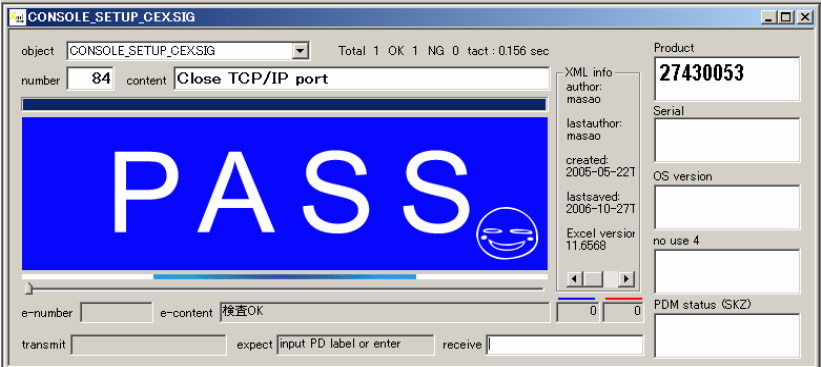
No.	Description							Standard				Equipment
3	<b>BD Drive test</b>											J2504887A : YHDS-6
	17) As indicated, insert CD-ROM(YHDS-6) test disc Test starts automatically											
	<div><div>Attention...</div><div>[ 11 ] CD-ROM(YDHS 6)(POCKET Discman YDHS 6) Insert the DISC.</div></div> <div></div>											
	18) As indicated, insert DVD-ROM(SL:HLXR-4018) test disc Test starts automatically											
	<div><div>Attention</div><div>[ 13 ] DVD-ROM(SL)(DVD ROM Test Disc Single HLXR-4018 ) Insert the DISC .</div></div> <div></div>											J2504883A : HLXR-4018
	19) After all test finished, click [OK]											
	<div><div>Attention</div><div>The Auto Elec. Adjustme</div><div><div>OK</div><div>Cancel</div></div></div>											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
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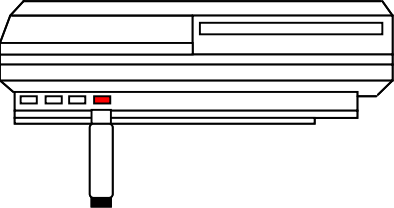









No.	Description							Standard				Equipment
4	<b>Serial Label renew</b> 4-1. Serial Label renew 1) Remove old serial label on rear panel							Serial labels are only to be replaced when they are damaged or unreadable  2				
	<div><div>Remove</div></div>											
	2) Clean area where old label was placed. Place new label in exact same place.											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
1				4				7				
2	06.Mar.07	Rev 1.2		5				8				
3				6				9				

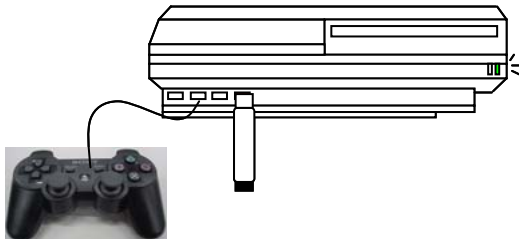












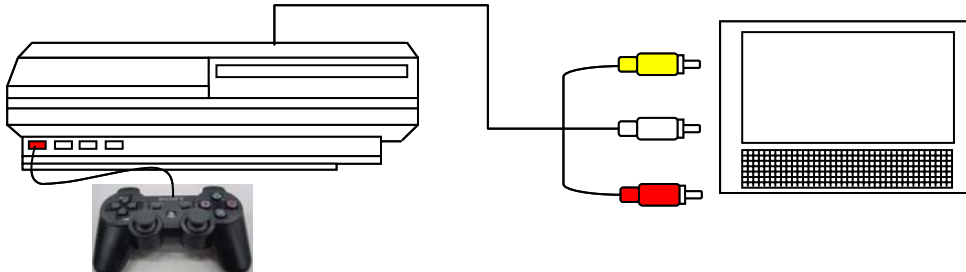


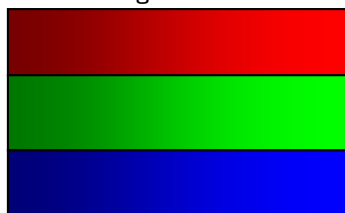
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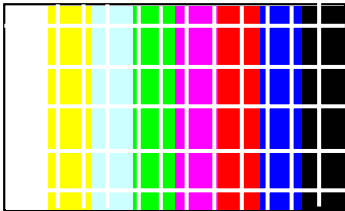
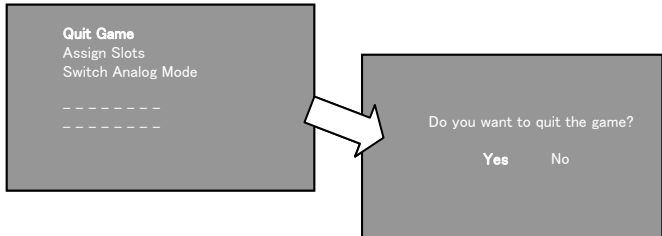
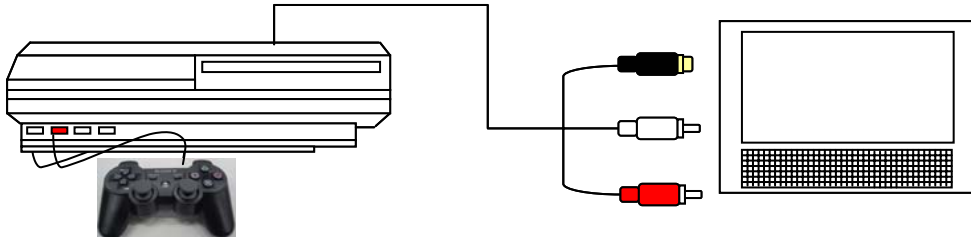









No.	Description	Standard	Equipment									
6	<p><b>Console Setup</b></p> <p>B-1. Setting</p> <p>1) Connect PS3 to Jig PC with Ether cable</p>  <p>B-2. Setup</p> <p>1) Connect " Console Communication USB media"</p>  <p>2) Execute "Console Setup" on Jig PC</p> 	<p>USB must be used on right port as shown</p>	<p>- "Console Communication USB"</p> <p>- "Error Log Software" (PC Jig)</p> <p>- Barcode reader</p>									
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
①				④				⑦				
②				⑤				⑧				
③				⑥				⑨				DATE 2006/Dec/29

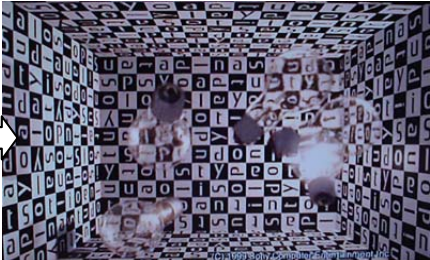









No.	Description				Standard				Equipment			
6	<b>Console Setup</b>											
	3) Scan serial barcode on rear panel											
												
	4) After message "wait connection during 60 sec" is displayed, boot PS3. ⚠											
	5) Console Setup starts automatically and result is displayed on screen											
												
	6) Switch off PS3											
	7) Remove "Console Communication USB"											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29
⚠				⚠				⚠				
⚠	06.Mar.07	Rev 1.2		⚠				⚠				
⚠				⚠				⚠				

No.				Description				Standard				Equipment
7				<b>Install System Software for Refurbish</b> 7-1. Install System Software for Refurbish 1) Connect "System Software for Refurbish USB" to PS3 				USB must be used on right port as shown				"System Software for repair USB"
				2) Boot PS3								
				3) Installation starts automatically								
				4) If successful, unit automatically shuts down power indicator LED changes from green to red				If failed, LED blinks "green and Yellow" or there is no shutdown				
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
				 4								
				 5				 8				
				 6				 9				

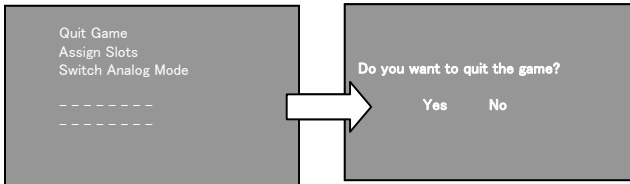
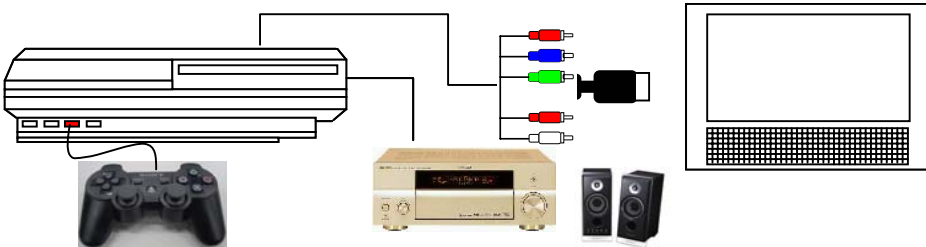










No.		Description						Standard				Equipment					
8		<div>Wireless Test</div> <div>4) Remove Controller, when Power Indicator LED blinks</div> <div></div> <div>5) Testing starts automatically,</div> <div>6) Check the WLAN Indicator LED lights on green. </div> <div>7) If successful, Unit automatically shuts down Power Indicator LED changes from green to red</div>															
								Failed : Power Indicator LED blinks “Green and Yellow” *Detail information is shown on the monitor									
								<div>FPS :60.0</div> <div>===WLAN===</div> <div>[ANT :A] min =&gt;-80, max=&gt;35, rssi=&gt;35</div> <div>[ANT :B] min =&gt;-80, max=&gt;25, rssi=&gt;25</div> <div>[ANT :DIVERSITY] min=&gt;20, max=&gt;25, rssi=&gt;25</div> <div>[CONNECT AP] min=&gt;20, max=&gt;25, rssi=&gt;25</div> <div>AP : [RECEIVED] 154.1.1.1</div> <div>=== BT ===</div> <div>[ANT :A] min =&gt;-80, max=&gt;-2, rssi=&gt;1</div> <div>[ANT :B] min =&gt;-80, max=&gt;-20, rssi=&gt;1</div> <div>[ANT :DIVERSITY] min =&gt;-80, max=&gt;0, rssi=&gt;1</div> <div>Last error</div> <div>-ERROR(last error =FFFFFFFF)-bt_rssi_main 1143</div>				Blue : OK Red : Fail					
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard					
																	
	06.Mar.07	Rev 1.2															
												DATE 2006/Dec/29					














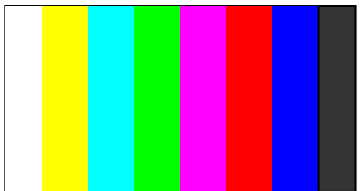
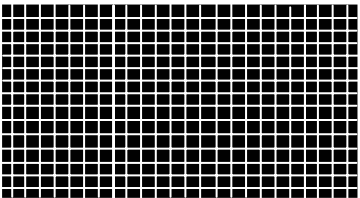
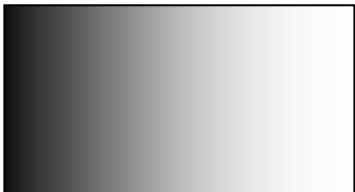
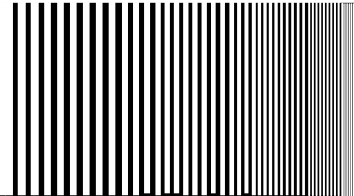











No.	Description				Standard				Equipment				
9	<div>Game Test</div> <div>9-1. PlayStation Game test</div> <div>1) Connect PS3 and TV monitor on "Composite"</div> <div>Connect controller to left port of PS3.(As shown following figure)</div> <div></div> <div>2) Insert "PlayStation Test disc",</div> <div>3) After PS logo, Cube graphics is shown</div> <div>Check drawing</div> <div></div> <div></div> <div>4) Press "PS" button of controller for pairing</div> <div>5) Push "R1" button of controller, RGB gradation pattern is shown</div> <div>Check image and sound</div> <div></div>				<div>PS3 is powered on automatically.</div> <div>Ignore card 0/card 1:ERROR</div>				<div>AV MULTI OUT cable composite</div> <div>PlayStation test DISC</div> <div>*NTSC/J</div> <div>PTPX 97105 :J-2504-162-A</div> <div> </div> <div>*NTSC/UC</div> <div>PUPX 93016 : J-2504-163-A</div> <div> </div> <div>*PAL</div> <div>PEPX 94015 : J-2504-164-A</div>				
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard	
①				④				⑦					
②	06.Mar.07	Rev 1.2		⑤				⑧					
③				⑥				⑨				DATE 2006/Dec/29	

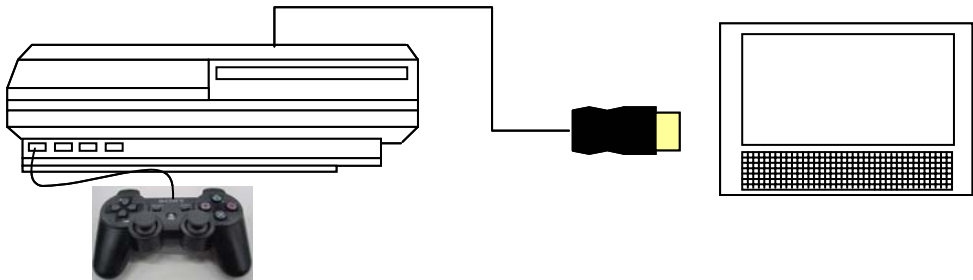










No.	Description				Standard				Equipment				
9	<b>Game Test</b> 7) Press “L1” button of controller, Color bar pattern is shown Check image and sound 												
	8) Push “PS” button of controller until menu is shown Select “Quit Game” After confirmation, select “Yes” 												
	9) Eject Disc												
	9-2. PlayStation2 Game test 1) Connect PS3 and TV monitor on “S Video” Connect controller to the second left port of PS3.(As shown following figure) 												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard	
													
	06.Mar.07	Rev 1.2											
												DATE 2006/Dec/29	












No.	Description								Standard				Equipment
9	<div><div>Game Test</div><div>2) Insert "PS2" Flying Bulbs DISC</div><div>3) Select [Game]-&gt;[PlayStation2 format Disc.] on XMB</div><div>4) Press "PS" button of controller for pairing</div><div>5) After PlayStation2 logo, Bulbs are shown Check image and sound</div><div><div><div>PlayStation2</div><div></div></div></div><div>6) Press "X" button of controller Confirm "LAYER 1 ACCESS TEST OK" message is shown</div><div><div>PS2 FLYING BULBS V2.00</div><div>LAYER 1 ACCESS TEST</div><div>OK</div></div></div>												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6	
													
													
													














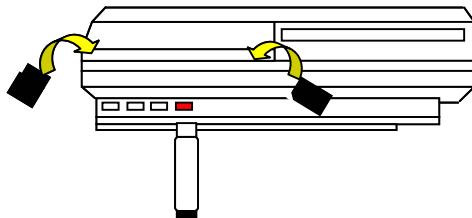
No.				Description				Standard				Equipment	
9				<b>Game Test</b> 7) Push "PS" button of controller until menu is shown Select "Quit Game" After confirmation, select "Yes"									
													
				8) Eject DISC									
				9) Press "PS" button of controller for pairing									
				10) Change display setting to "Component or D-Terminal" [Setting]->[DisplaySetteing]->[VideoOutput]->[Component or D-Terminal]									
				9-3. PlayStation3 Game test									
1) Connect PS3 and TV monitor on Component/D-Terminal input Connect Optical output to AV system Connect controller to the third left port of PS3.(As shown following figure)				If Av multi out (Digital to digital) is available, change isn't required.									
				Any component connection is OK 				D-Terminal cable (Or Multi AV out to componer AV system					
2) Insert "PLAYSTATION3 PRODUCTION DISC"													
3) Select and play "PRODUCTION DISC" on XMB													
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard	
													
	06.Mar.07	Rev 1.2											
												DATE 2006/Dec/29	

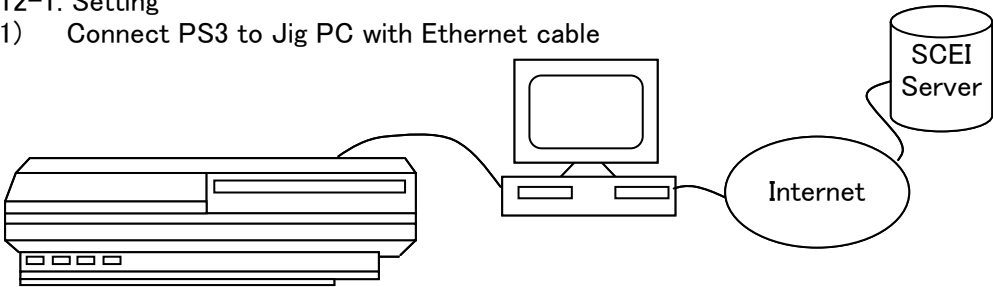
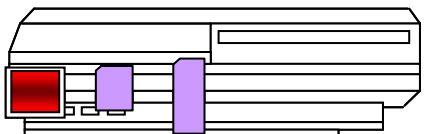
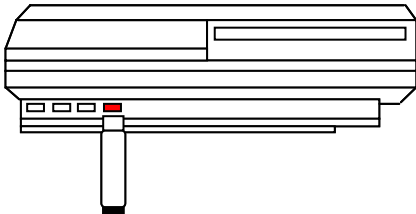
No.	Description				Standard				Equipment			
7	<b>Game Test</b> 4) After PlayStation3 logo picture of "elephant" is shown Check image and sound   				(*)BCJZ-99024 MS/CF/SD is inserted before it starts. 				"PLAYSTATION3 Production Disc" ver 3.0  *NTSC/J BCJZ-99007 :J-2504-912-A  *NTSC/UC  BCJZ-99008 :J-2504-913-A  *CEK/CEL  BCJZ-99011 :J-2504-927-A  *AU  BCJZ-99012 : J-2504-928-A  *HK/TW BCJZ-99010 : J-2504-915-A  *RU  BCJZ-99015 : J-2504-931-A  *MX  BCJZ-99024 : J-2504-943-A			
	5) Press "L1""R1""L2""R2" button of controller at the same time, Color bar pattern is shown. 				(*)BCJZ-99011/99012/99015 These disc can not do screen pattern test. So please eject disc after 4) , then reboot PS3. 							
	6) Press "R1" button of controller, screen change "color bar pattern" -> "Crossing hatch"->"Monochrome gradation"->"Monochrome vertically striped pattern". Check image and sound 											
	   											
	7) Press "L1""R1""START""SELECT" button of controller at the same time, return to the "XMB" 											
	8) Change display setting to "HDMI" [Setting]->[DisplaySetteing]->[VideoOutput]->[HDMI] 											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Repair Standard  DATE 2007/Jun/18
	20.Nov.06	Rev 1.1										
	06.Mar.07	Rev 1.2										
	18.Jun.07	Rev. 1.3										

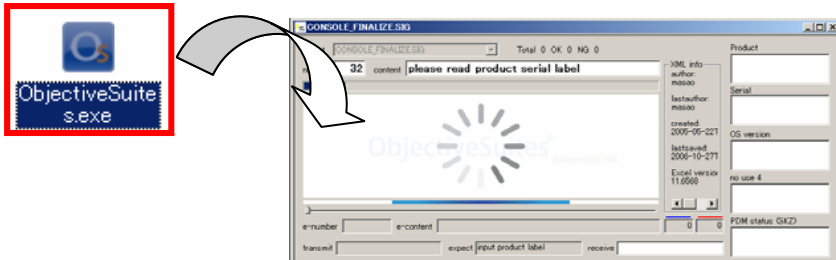
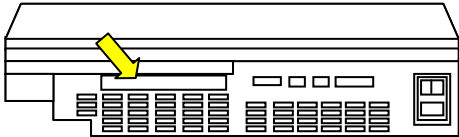
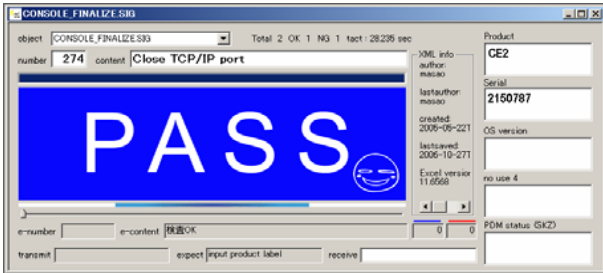
No.	Description								Standard				Equipment
10	<div><div>DRM Test</div><div>10-1. AACs test</div><div>1) Connect PS3 and TV monitor on "HDMI" input</div><div></div><div>2) Insert Region Check Disc</div><div>3) Play "Region Check Disc" on XMB</div><div>4) BD region is displayed</div><div>Check Image and sound</div><div></div><div>5) Eject DISC</div><div>10-2. CPRM test</div><div>1) Insert CPRM test disc</div><div>2) Play "CPRM test Disc" on XMB</div></div>												HDMI cable Region Check Disc BCJV98001:J-2504-908-A
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Repair Standard  DATE 2006/Dec/29	
													
	06.Mar.07	Rev 1.2											
													

No.	Description								Standard				Equipment
10	<b>DRM Test</b> 3) Check drawing and sound at least for 3secs    3) Eject DISC  10-3. SACD test 1) Insert SACD test disc  2) Play "Multi+2ch Test Tone Disc" on XMB  3) Change sound setting to "HDMI"  												SACD test DISC SATD-S5 :J-2504-898-A
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6	
													
													
													

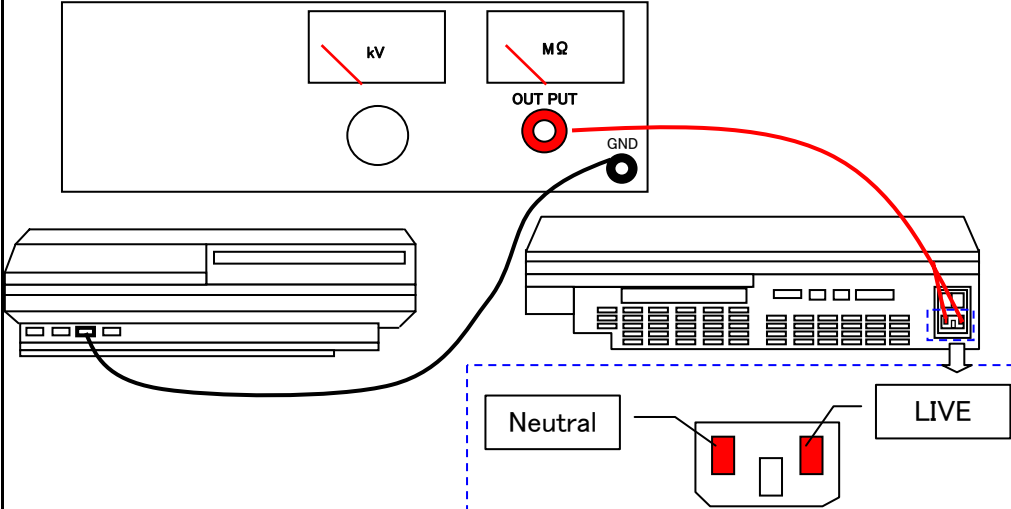
No.	Description								Standard				Equipment
10	<div>DRM Test</div> <div></div> <div>4) Select "Multi+2ch Test Tone Disc" on XMB and check the logo of "Super Audio CD" . </div> <div></div> <div>5) Play "Multi+2ch Test Tone Disc" on XMB</div> <div></div> <div>6) Check sound</div> <div>7) Eject Disc</div> <div>8) Power off PS3</div>												PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29
													
	06.Mar.07	Rev 1.2											
													

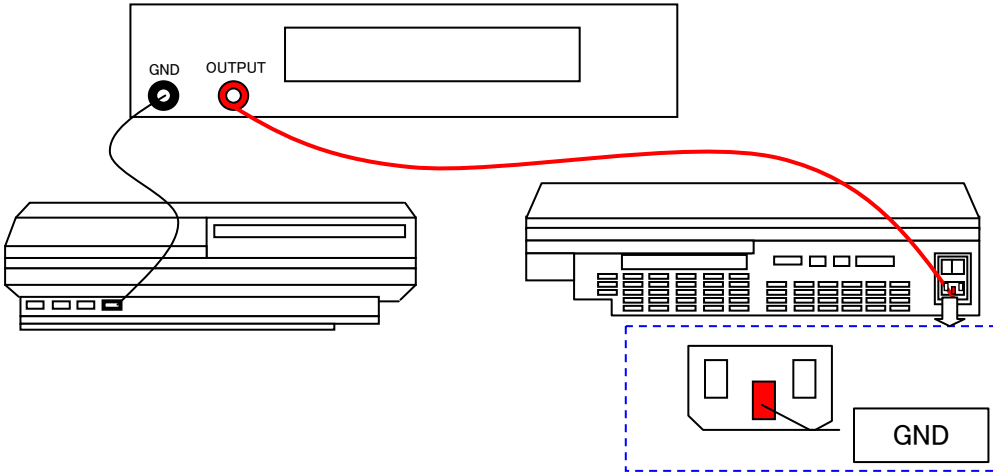
No.	Description								Standard				Equipment			
11	<b>Storage Test</b>								<div>*60G model only</div> <div>Jig HDD must be used =&gt; Customer's HDD should only be tested if requested by Customer.</div> <div>SD/miniSD and Memory Stick access indicator LED lights Orange (60G model only)</div> <div>If fails, Power indicator LED blinks on "Red and Yellow" and disc is ejected</div> <div>Detail information is shown on monitor</div> <div><div>PS3 HDD Inspection For CS (60G) (Read-Only) Ver 0.1 STANDBY</div><div><div>FAIL</div><div>Failure Info</div><div>MS Mount Error</div></div></div>				<div>Storage Test For Refurbishment</div> <div>Write/Read/Verify Format</div> <div>BCJZ-99701:J-2504-881-A</div> <div>*Memory Stick duo、MiniSD (60G model onl</div>			
	11-1. Storage Test for refurbishment															
	1) Set Memory Stick Duo and Mini SD media in their respective media slots (*) Connect "Storage Test for refurbishment USB" to PS3															
																
	2) Insert BCJZ-99701 Test Disc															
	3) Testing automatically starts															
4) If successful disc is ejected automatically and unit shuts down. Approximate length of test is 10 minutes.																
5) Remove "Storage Test for refurbishment USB" Remove MSDuo, MiniSD																
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6				

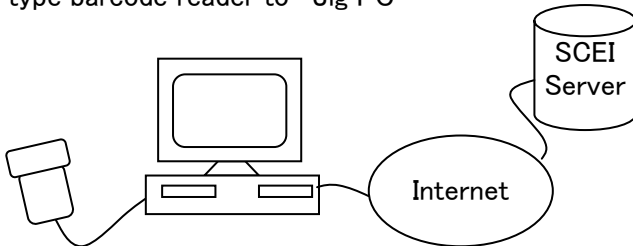
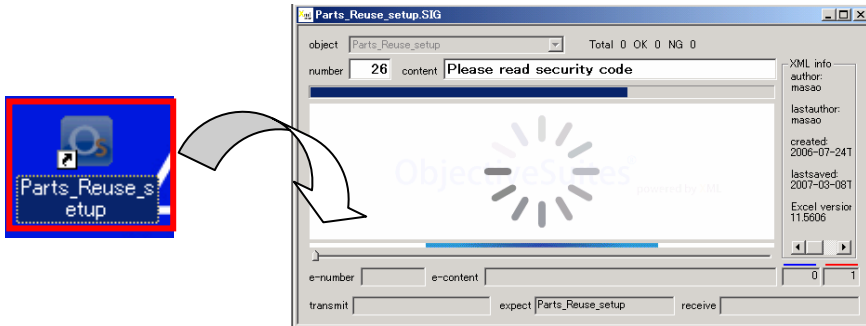
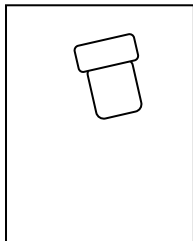
No.	Description				Standard				Equipment			
12	<b>Console Finalize</b> 12-1. Setting 1) Connect PS3 to Jig PC with Ethernet cable  2) Set MS/SD/CF (*)  12-2. Console Finalize 1) Connect "Console Communication USB media" 				Please use the cable bundled with the PS3.  *60G model only  USB must be used on right port as shown				- "Console Communication USB" - "Error Log Software" (PC Jig) - Barcode reader			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29
1				4				7				
2	06.Mar.07	Rev 1.2		5				8				
3				6				9				

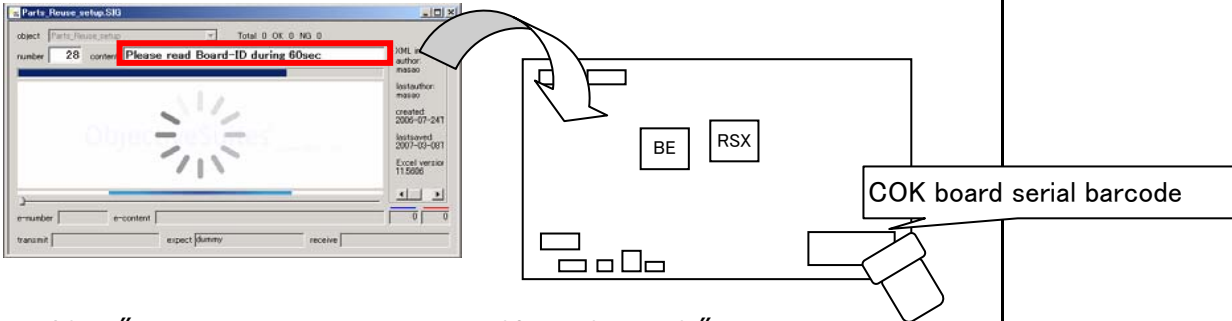
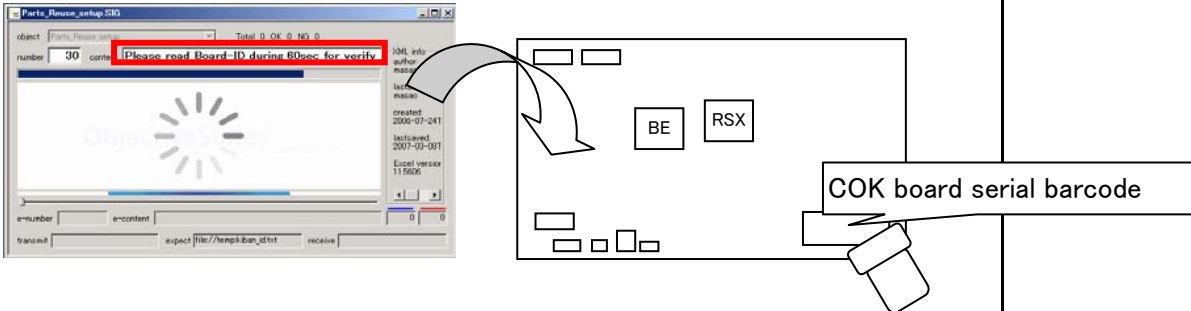

No.	Description								Standard				Equipment
12	<b>Console Finalize</b> 2) Execute "Console Finalize" on Jig-PC  3) Scan serial barcode on rear panel  4) After message "wait connection during 60 sec" is displayed, boot PS3. ⚠ 5) "Console Finalize" procedure starts automatically and result is displayed on screen  6) Power off PS3 7) Remove "Console Communication USB" Remove MS/SD/CF												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Dec/29	
⚠				⚠				⚠					
⚠	06.Mar.07	Rev 1.2		⚠				⚠					
⚠				⚠				⚠					

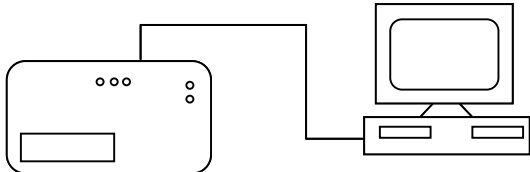
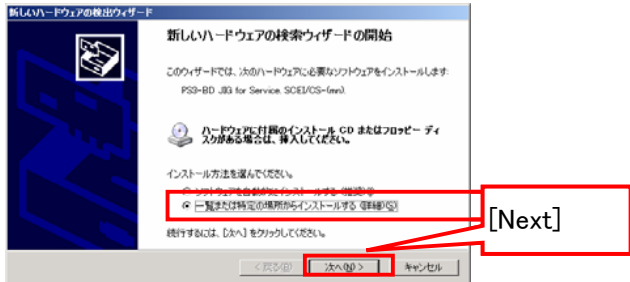
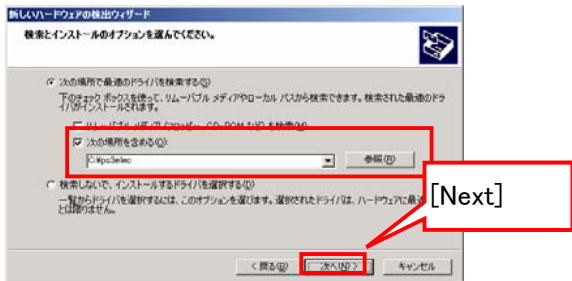


No.	Description				Standard				Equipment										
13	<div>insulation test</div> <div>⚠</div> <div>13-1. Procedure</div> <div>1) To confirm the insulation of PS3, either of the following procedures should be done.</div> <div>    a)Confirm that the leakage current is below a standard value (0.5mA). as shown in the service manual.</div> <div>    b)Both the Dielectric strength voltage test and the Ground resistance test described in 13-2 and 13-3 are done.</div> <div>13-2. Dielectric strength voltage test</div> <div>1) Connect PS3 to dielectric strength voltage testing equipment as shown:</div> <div>    - Connect "GND" of dielectric strength voltage testing machine to GND of USB (Shield of USB) port of PS3.(*)</div> <div>    - Connect "OUTPUT" of dielectric strength voltage testing equipment to "Neutral" and "LIVE" terminal of AC Inlet of PS3.</div> <div></div> <div>2) Push switch of dielectric strength voltage testing equipment ,and start test.</div> <div>3) Check "OK" (Pass the pressure test and Insulation resistance is 10MΩ or more)</div>												•Dielectric strength voltage test unit						
					[Set value of testing Equipment]														
					*Pressure test														
					<table><tr><th>Region</th><th>UC2/J1/TW1</th><th>Others</th></tr><tr><td>Test voltage</td><td>1300V</td><td>1600V</td></tr><tr><td>breaking current</td><td>10mA</td><td>10mA</td></tr><tr><td>Test time</td><td>1sec</td><td>3sec</td></tr></table>				Region	UC2/J1/TW1	Others	Test voltage					1300V	1600V	breaking current
Region	UC2/J1/TW1	Others																	
Test voltage	1300V	1600V																	
breaking current	10mA	10mA																	
Test time	1sec	3sec																	
				*Isolation test															
				Test voltage :DC500V or more															
				Test time :3sec or more															
				Wear gloves.															
				(*)Any of the four USB ports can be used for this test															
				Ensure that no smoke or abnormal sounds emanate from console.															
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard DATE 2006/Dec/29							
⚠				⚠				⚠											
⚠	06.Mar.07	Rev 1.2		⚠				⚠											
⚠				⚠				⚠											

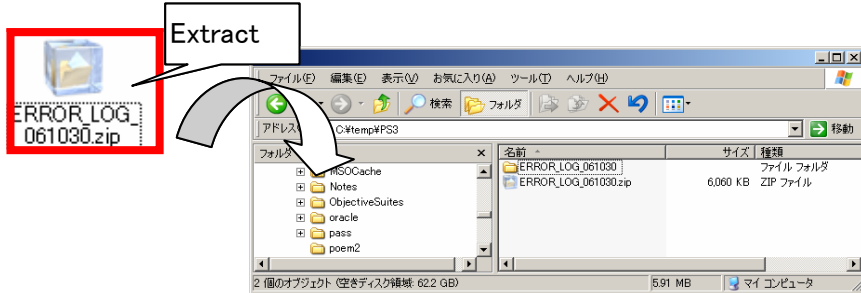
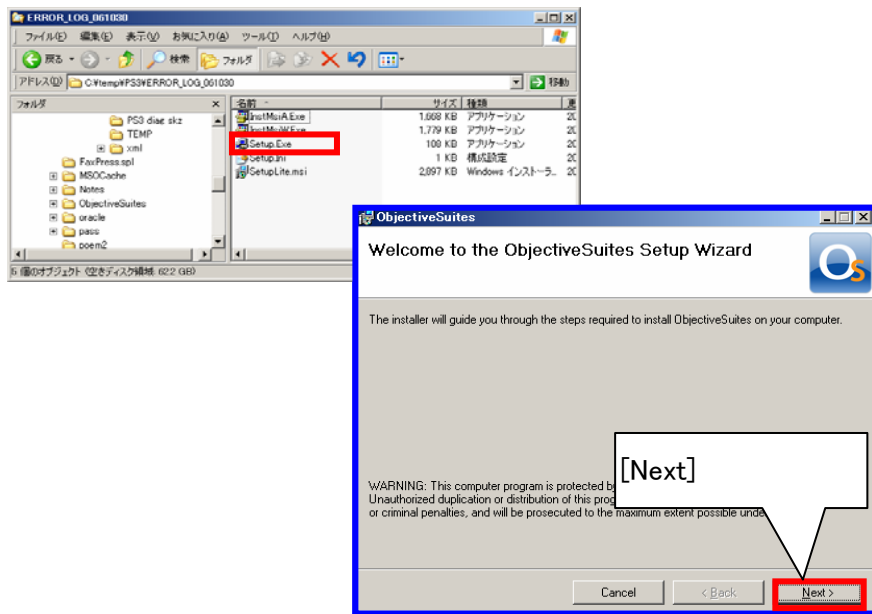









No.	Description				Standard				Equipment			
13	<b>insulation test</b> 4) Remove USB cable.  5) Remove AC power cable.  13-3. Ground resistance Test ⚠ 1) Connect PS3 to ground resistance testing equipment as following figure. - Connect "GND" of ground resistance testing equipment to GND of USB (Shield of USB) port of PS3.(*) - Connect "OUTPUT" of ground resistance testing equipment to GND of AC Inlet of PS3.    2) Push switch of ground resistance testing equipment ,and start test. 3) Check measurement is OK (Resistance must be 90 m Ohms or less.) 4) Remove USB cable. 5) Remove AC power cable.				[Set value of testing equipment] Test current : 25A Test time : 3sec Expected value of resistance : 90mOhm or less  Wear gloves.  (*.)Any of the four USB ports can be used for this test				•ground resistance testing equipment			
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard DATE 2006/Dec/29
⚠				⚠				⚠				
⚠	06.Mar.07	Rev 1.2		⚠				⚠				
⚠				⚠				⚠				

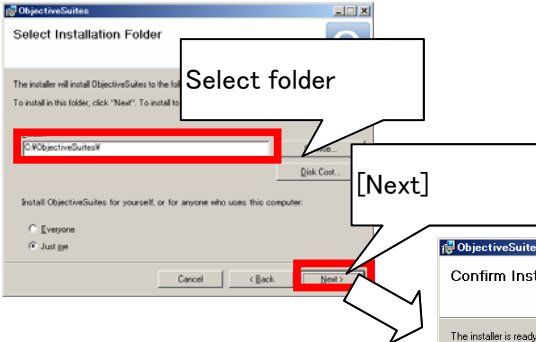
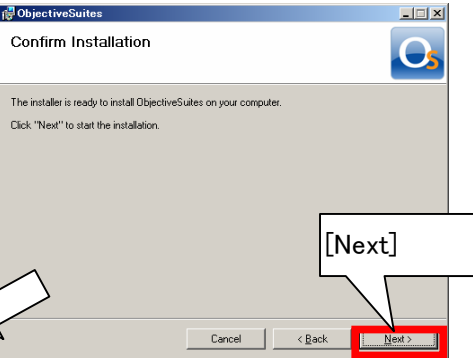
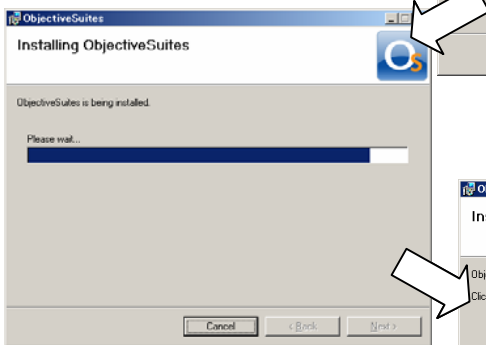

No.	Description				Notes				Jig			
A	<b>Setting</b>				<div>[Setting of Barcode reader] baud rate: 9600bps bit size: 7 parity bit: even Stop bit: 1bit line feed code: CRLF CTS(Clear To send)Controle: OFF</div>				“RS-232C” type barcode reader			
	<div>1) Connect the “RS-232C” type barcode reader to “Jig PC”</div> <div></div> <div>1-4.Parts Reuse</div> <div>1) Execute “Parts Reuse ” program.</div> <div></div> <div>2) Read security barcode.</div> <div></div>											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard DATE 2007/Jun/18

No.	Description				Notes				Jig			
A	<b>Parts reuse</b>											
	3) After “Please read Board ID duaring 60 sec” is displayed , read the serial barcode of Defect Main circuit borad taken from PS3.											
												
	4) After “Please read Board ID duaring 60 sec for verify”is displayed , read the serial barcode of COK borad again.											
												
5) Program automatically starts, and then result is shown on display				“PASS”								
												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard DATE 2007/Jun/18
△				△				△				
△				△				△				
△				△				△				

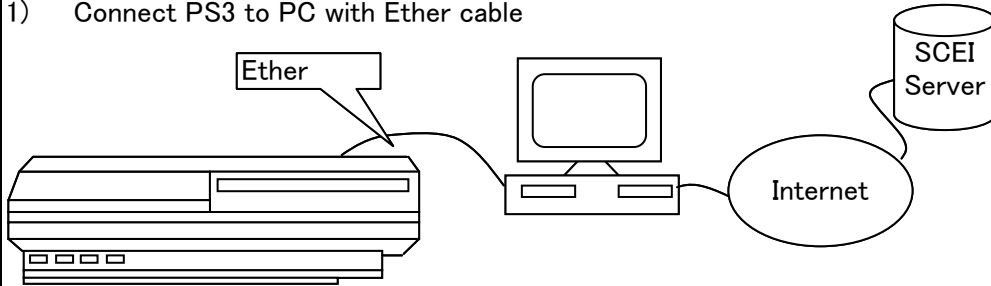
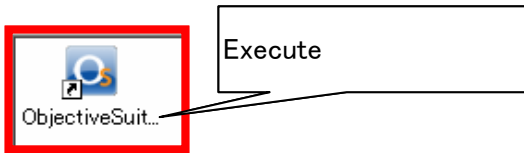
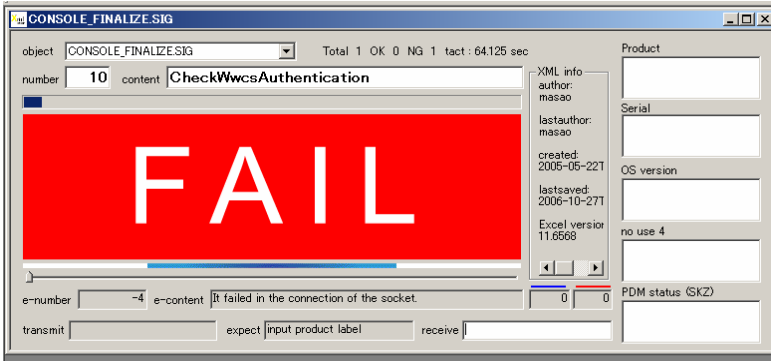
No.	Description				Standard				Equipment				
App	<div>Install driver for BD Drive Jig</div> <div>1. Setting</div> <div>1) Connect BD Adjust Jig to PC with USB cable</div> <div></div> <div>2) “New device is found”</div> <div>Select “Install from the list or specified folder”</div> <div></div> <div>3) Locate folder where Jig files are saved</div> <div></div>								PS3 BD ADJUST Jig (SVC-H3A601SS J2504879A) Power supply unit for BD ADJUST Jig				
	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
	①				④				①				
	②				⑤				②				
	③				⑥				③				

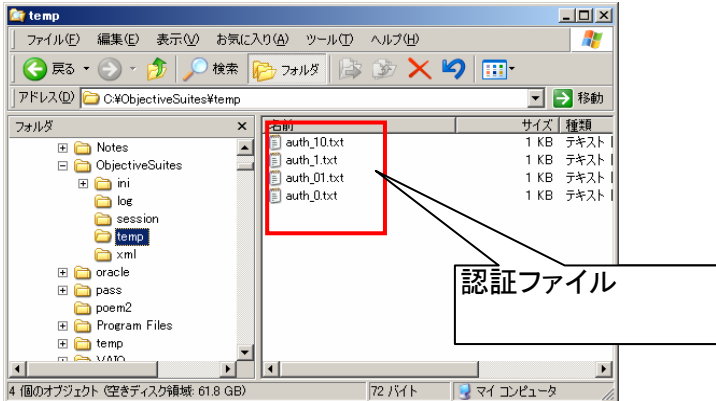
No.	Description				Standard				Equipment				
App	Install driver for BD Drive Jig												
	4) Ignore "Certification" message												
	<div><div><div>ハードウェアのインストール</div><div><div><div><div>⚠</div><div>このハードウェア: PS3-BD JIG for Service, SCEI/CS-(mn).</div></div><div><div>を使用するためにインストールしようとしているソフトウェアは、Windows XP との互換性を検証する Windows ログテストに合格していません。 <a href="#">このテストが失敗である理由</a></div></div><div>インストールを続行した場合、システムの動作が阻害されたり、システムが不安定になるなど、重大な障害を引き起こす原因となる可能性があります。 インストールを中断し、Windows ログテストに合格したソフトウェアを確認してください。ハードウェアベンダーに確認されることを、お勧めします。</div></div><div><div>[Next]</div><div>続行(N)インストールの停止(S)</div></div></div><div><div>新しいハードウェアの検出ウィザード</div><div><div><div>新しいハードウェアの検索ウィザードの完了</div><div>次のハードウェアのソフトウェアのインストールが完了しました: PS3-BD JIG for Service, SCEI/CS-(mn).</div></div><div><div>[Finish]</div><div>完了</div></div></div></div><div><div>*Note: When First using this program user will be asked for Certification twice</div></div></div></div>												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6	
△1				△4				△7					
△2				△5				△8					
△3				△6				△9					

No.	Description	Standard	Equipment									
App	<div>ERROR_LOG/ConsoleSetup/ConsoleFinalize Windows application =&gt; Installation</div> <div>1) Extract encrypted zip file</div> <div></div> <div>2) Execute "Setup.exe"</div> <div></div>	All of programs can installed using same procedure										
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard
												
												
												DATE 2006/Nov/6

No.	Description				Standard							
App	ERROR_LOG/ConsoleSetup/ConsoleFinalize Windows application => Installation				Default folder ERROR_LOG => C:¥Objective Suites¥ CONSOLE_FINALIZE => C:¥Objective Suites¥ CONSOLE_SETUP_CEX => C:¥CEX¥ObjectiveSuites CONSOLE_SETUP_DEX => C:¥DEX¥ObjectiveSuites  "ERROR_LOG" and "CONSOLE_FINALIZE" must use different folder each other							
<div><div></div><div></div><div></div><div></div></div>												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
△				△				△				
△				△				△				
△				△				△				



No.	Description								Standard			
App	ERROR_LOG/ConsoleSetup/ConsoleFinalize Windows application => Server authentication											
	1. Setting											
	1) Connect PS3 to PC with Ether cable											
												
	2) Boot PS3											
3) Execute any Jig software on PC												
												
4) "Check WWcs Authentication" error message is shown												
												
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6

No.	Description				Standard							
App	ERROR_LOG/ConsoleSetup/ConsoleFinalize Windows application => Server authentication											
	5) “auth_*.txt” is created in installation sub folder “temp”											
												
	6) Send both “auth_10.txt” and “auth_01.txt” to SCE RegionHQ Make sure that registration file corresponds to program being registered											
No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	No.	DATE	REVISION	SIGN	PLAYSTATION3 Refurbish Standard  DATE 2006/Nov/6
△1				△4				△7				
△2				△5				△8				
△3				△6				△9				

例 : A 0 8 0 1 0 0 4

AC/DC Power Fail

A : (fixed value)  
Reserved Area  
0-E Reserved  
F The error happens frequently due to the main body breakdown etc.  
Step No.  
00-7F Step Number of Power On Sequence  
80 Static state(PowerOn)  
90 Static state(PowerOFF)  
A0 Static state(Immediately after syscon reset)  
Error Category  
Error Information

A	X	XX	XXX	
A	0	XX	Category1 :System error	1 0 0 1 BE VRAM Power Fail
				1 0 0 2 RSX VRAM Power Fail
				1 0 0 4 AC/DC Power Fail
				1 1 0 3 Thermal Error
				1 2 0 0 BE Thermal Error
				1 2 0 1 RSX Thermal Error
				1 2 0 3 BE VR Thermal Error
				1 2 0 4 SB Thermal Error
				1 2 0 5 EE+GS Thermal Error
				1 3 0 1 BE PLL Unlick
				1 4 F F Check Stop
				1 6 0 1 BE Livelock Detection
				1 7 0 1 BE Attention
				1 8 0 2 RSX INIT
				1 9 0 0 RTC Error (voltage drop )
				1 9 0 1 RTC Error (oscillation stop)
				1 9 0 2 RTC Error (Access Error)
			Category2 :Fatal Error	2 0 0 1 BE Error (IC1001)
				2 0 0 2 RSX Error (IC2001)
				2 0 0 3 SB Error (IC3001)
				2 0 1 0 Clock Generator Error (IC5001)
				2 0 1 1 Clock Generator Error (IC5003)
				2 0 1 2 Clock Generator Error (IC5002)
				2 0 1 3 Clock Generator Error (IC5004)
				2 0 2 0 HDMI Error (IC2502)
				2 0 2 2 DVE Error (IC2406)
				2 0 3 0 Thermal Sensor Error (IC1101)
				2 0 3 1 Thermal Sensor Error (IC2101)
				2 0 3 3 Thermal Sensor Error (IC3101)
				2 1 0 1 BE Error (IC1001)
				2 1 0 2 RSX Error (IC2001)
				2 1 0 3 SB Error (IC3001)
				2 1 1 0 Clock Generator Error (IC5001)
				2 1 1 1 Clock Generator Error (IC5003)
				2 1 1 2 Clock Generator Error (IC5002)
				2 1 1 3 Clock Generator Error (IC5004)
				2 1 2 0 HDMI Error (IC2502)
				2 1 2 2 DVE Error (IC2406)
				2 1 3 0 Thermal Sensor Error (IC1101)
				2 1 3 1 Thermal Sensor Error (IC2101)
				2 1 3 3 Thermal Sensor Error (IC3101)
				2 2 0 3 SB Error (IC3001)
			Category3 :Fatal booting Error	3 0 0 0 POWER FAIL
				3 0 0 1 POWER FAIL
				3 0 0 2 POWER FAIL
				3 0 0 3 POWER FAIL
				3 0 0 4 POWER FAIL
				3 0 1 0 BE Error (IC1001)
				3 0 1 1 BE Error (IC1001)
				3 0 1 2 BE Error (IC1001)
				3 0 2 0 BE Error (IC1001)
				3 0 3 0 BE Error (IC1001)
				3 0 3 1 BE Error (IC1001)
				3 0 3 2 BE Error (IC1001)
				3 0 3 3 BE Error (IC1001)
				3 0 3 4 BE Error (IC1001)
				3 0 3 5 BE-RSX Error (IC1001-IC2001)
				3 0 3 6 BE-RSX Error (IC1001-IC2001)
				3 0 3 7 BE-RSX Error (IC1001-IC2001)
				3 0 3 8 BE-SB Error (IC1001-IC3001)
				3 0 3 9 BE-SB Error (IC1001-IC3001)
				3 0 4 0 Flash controller Error (IC3801)
			Category4 :Data Error	4 0 0 1 BE Error (IC1001)
				4 0 0 2 RSX Error (IC2001)
				4 0 0 3 SB Error (IC3001)
				4 0 1 1 BE Error (IC1001)
				4 0 1 0 BE Error (IC1001)
				4 0 1 2 RSX Error (IC2001)
				4 0 1 0 3 SB Error (IC3001)
				4 0 1 1 BE Error (IC1001)
				4 0 2 0 1 BE Error (IC1001)
				4 0 2 0 2 RSX Error (IC2001)
				4 0 2 0 3 SB Error (IC3001)
				4 0 2 1 BE Error (IC1001)
				4 0 2 1 2 RSX Error (IC2001)
				4 0 2 1 BE Error (IC1001)
				4 0 2 2 2 RSX Error (IC2001)
				4 0 2 2 1 BE Error (IC1001)
				4 0 2 3 1 BE Error (IC1001)
				4 0 2 6 1 BE Error (IC1001)
				4 0 3 0 1 BE Error (IC1001)
				4 0 3 0 2 RSX Error (IC2001)
				4 0 3 0 3 SB Error (IC3001)
				4 0 3 1 1 BE Error (IC1001)
				4 0 3 1 2 RSX Error (IC2001)
				4 0 3 2 1 BE Error (IC1001)
				4 0 3 2 2 RSX Error (IC2001)
				4 0 3 3 2 RSX Error (IC2001)
				4 0 3 4 1 BE Error (IC1001)
				4 0 4 0 1 BE or RSX Error (IC1001 or IC2001)
				4 0 4 0 2 BE or RSX Error (IC1001 or IC2001)
				4 0 4 0 3 BE or SB Error (IC1001 or IC3001)
				4 0 4 1 1 BE or RSX Error (IC1001 or IC2001)
				4 0 4 1 2 BE or RSX Error (IC1001 or IC2001)
				4 0 4 2 1 BE or RSX Error (IC1001 or IC2001)
				4 0 4 2 2 BE or RSX Error (IC1001 or IC2001)
				4 0 4 3 2 BE or RSX Error (IC1001 or IC2001)
				4 0 4 4 1 BE or SB Error (IC1001 or IC3001)