



Sony PlayStation SCPH-9002 Teardown

I have a PlayStation 1, and i have decided to...

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INTRODUCTION

I have a PlayStation 1, and i have decided to make a new teardown of it.

I'm spanish, so my english is a bit poor, and sorry for the mistakes made in this teardown.

Without further delay, we start.

TOOLS:

[iFixit Opening Tool](#) (1)

[Spudger](#) (1)

[Mako Driver Kit - 64 Precision Bits](#) (1)

Step 1 — Sony PlayStation SCPH-9002 Teardown



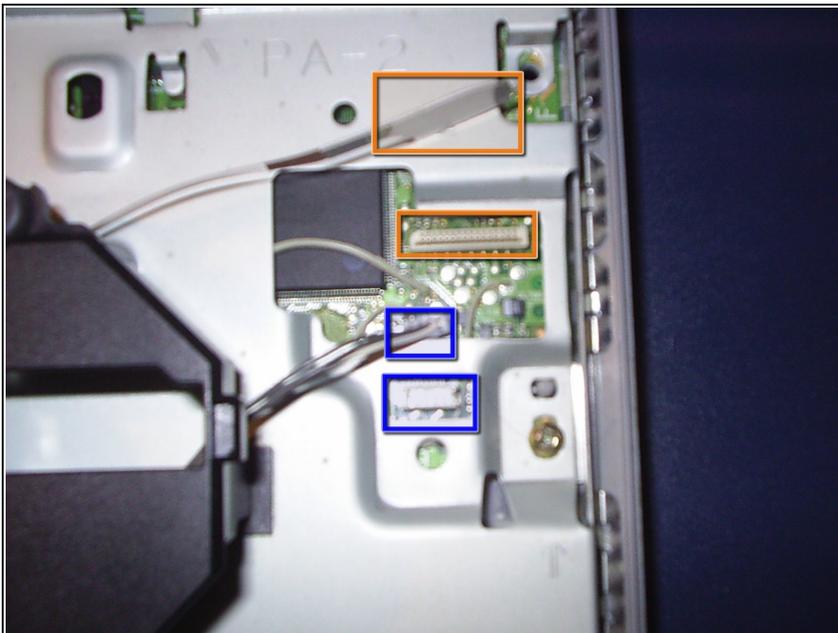
- Here's the PS1.
- Turn the PS1 over and remove the six screws.
- Note: part number +BV 3X14

Step 2



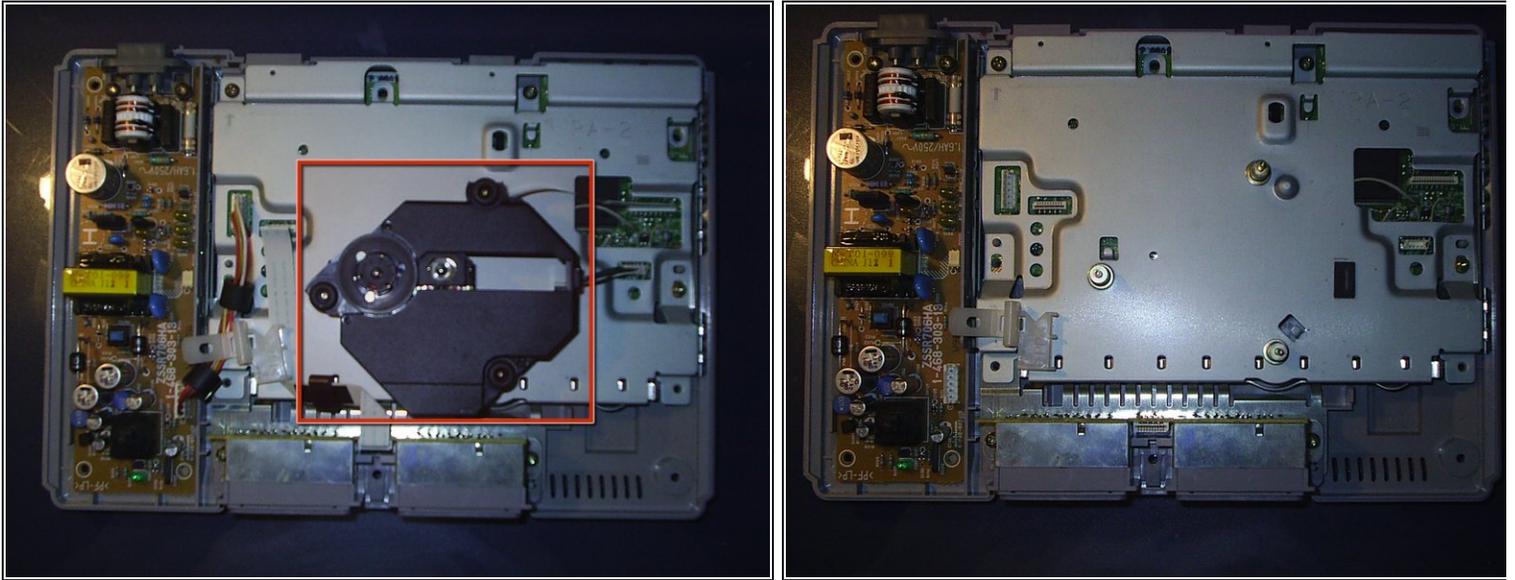
- Remove the top cover. It's very easy.

Step 3



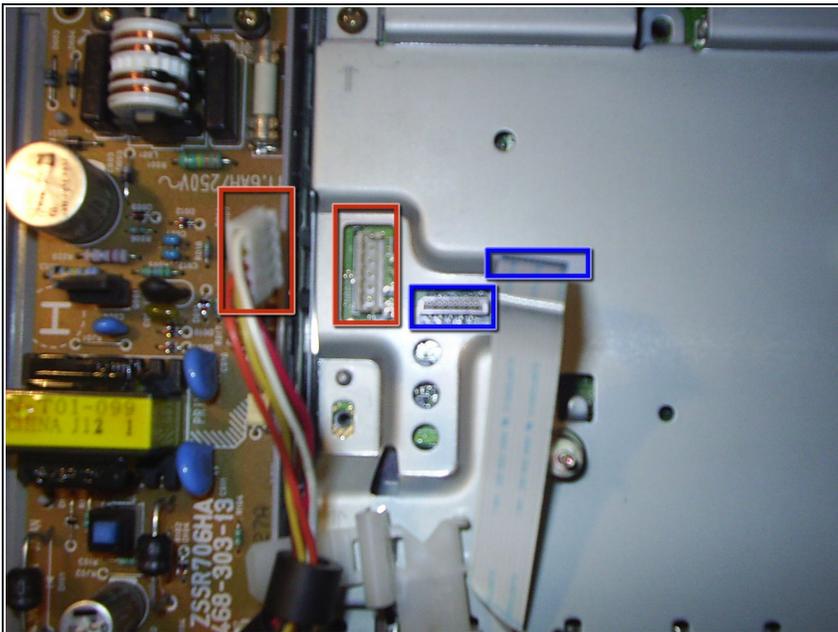
- Disconnect both CD-ROM connectors.
 - CD connector one and the socket it connects to.
 - CD connector two and the socket it connects to.
- Note: part number DEVICE OPTICAL KSM-440AEM

Step 4



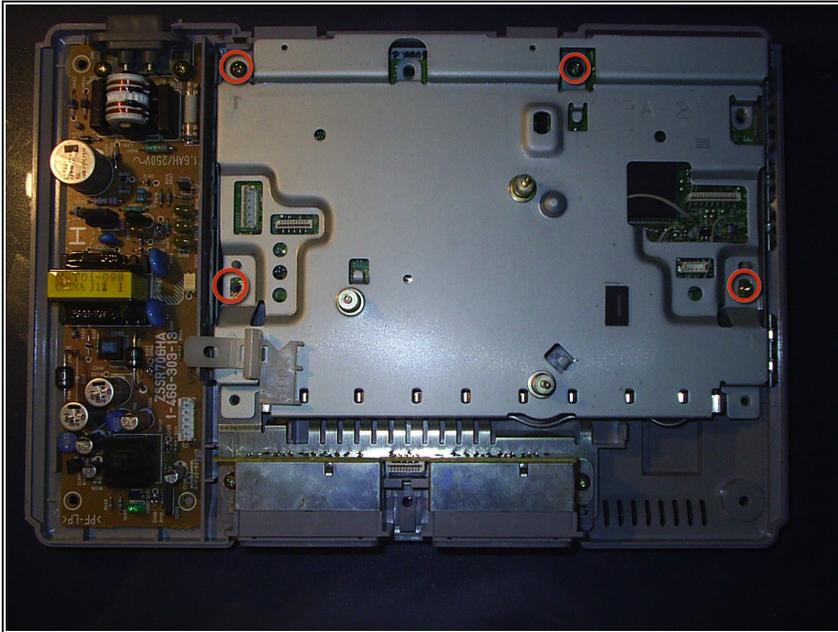
- Remove the CD-ROM reader. You should be able to pull it out gently, although you may have to wiggle it around a bit to loosen the rubber holders.

Step 5



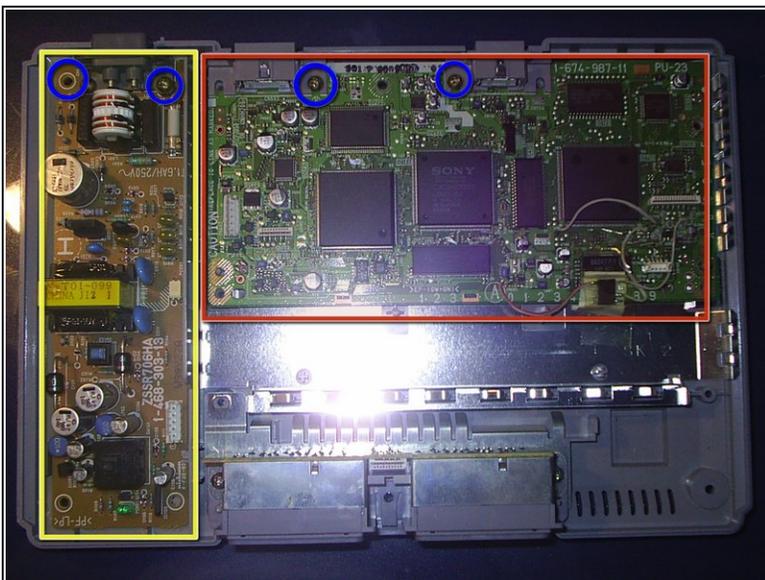
- Detach both cables. They go to the power supply and to the memory cards and controller connectors.

Step 6



- Remove the four screws and the metal cover.

Step 7



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SECTION 1 SPECIFICATIONS

SCPH-9

SCPH-9000

General
Power requirements
100 V AC, 50/60 Hz
Power consumption
10 W
Dimensions
270 × 60 × 188 mm (w/h/d)
Mass
1.2 kg

Laser diode properties
• Material : GaAs
• Wavelength : 1 = 780 nm
• Emission duration : Continuous
• Laser output : Less than 446 μW
(measured at a distance of
200 mm from the lens surface
on the optical pick-up block)

Inputs/Outputs on the rear
Serial I/O port (1)
Outputs on the rear
AV Multi out port
Supplied accessories
AC power cord (1)
AV connecting cable (1)
Analog controller (1)
Instruction manual (1)

Inputs/Outputs on the front
Controller ports (2)
Memory card slot (2)

SCPH-9002/AB/C

General
Power requirements
220-240 V AC, 50 Hz
Power consumption
10 W
Dimensions
270 × 60 × 188 mm (w/h/d)
Mass
1.2 kg

Laser diode properties
• Material : GaAs
• Wavelength : 1 = 780 nm
• Emission duration : Continuous
• Laser output : Less than 446 μW
(measured at a distance of
200 mm from the lens surface
on the optical pick-up block)

Outputs on the rear
AV Multi out port (1)
AV power cord (1)
Supplied accessories
AC power cord (1)
AV connecting cable (1)
Analog controller (1)
Instruction manual (1)

Inputs/Outputs on the front
Controller ports (2)
Memory card slot (2)
AV connector plug (1)
(for SCPH-9002C)

Inputs/Outputs on the rear
Serial I/O port (1)

SCPH-9001

General
Power requirements
120 V AC, 60 Hz
Power consumption
17 W
Dimensions
270 × 60 × 188 mm (w/h/d)
Mass
1.3 kg

Laser diode properties
• Material : GaAs
• Wavelength : 1 = 780 nm
• Emission duration : Continuous
• Laser output : Less than 446 μW
(measured at a distance of
200 mm from the lens surface
on the optical pick-up block)

Inputs/Outputs on the rear
Serial I/O port (1)
Outputs on the rear
AV Multi out port (1)
Supplied accessories
AC power cord (1)
AV connecting cable (1)
Analog controller (1)
Instruction manual (1)

Inputs/Outputs on the front
Controller ports (2)
Memory card slot (2)

SCPH-9003

General
Power requirements
100-240 V AC, 50/60 Hz
Power consumption
11 W
Dimensions
270 × 60 × 188 mm (w/h/d)
Mass
1.2 kg

Laser diode properties
• Material : GaAs
• Wavelength : 1 = 780 nm
• Emission duration : Continuous
• Laser output : Less than 446 μW
(measured at a distance of
200 mm from the lens surface
on the optical pick-up block)

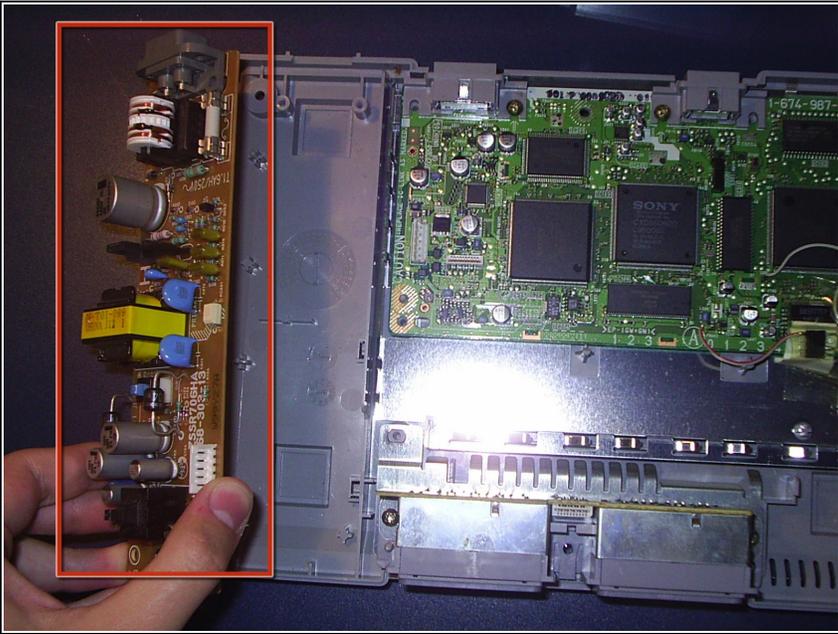
Outputs on the rear
AV Multi out port (1)
AV power cord (1)
Supplied accessories
AC power cord (1)
AV connecting cable (1)
Analog controller (1)
Adapter Controller 3P (1)
Instruction manual (1)

Inputs/Outputs on the front
Controller ports (2)
Memory card slot (2)

Design and specifications are subject to change without

- Now you have the motherboard!
- And the power supply.
- Remove the four screws from the motherboard and the power supply.

Step 8



- Once the screws are removed, remove the power supply.

Step 9



- Remove the motherboard, and both of the screws from the memory card/ controller connection mechanism.

Step 10



- Now, you have all your PlayStation 1 parts!
- Main Board
- Lower Casing
- EMI Shield
- Power Supply
- Disk Reader
- Memory Card/ Controller Mechanism