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CPE11S1

Power supplies and printer parts consist of high voltage components and are retained even when turned off. In order to prevent injury, perform safety handling and prevent electrostatic discharge (ESD), one must gather necessary tools in performing disassembly and rebuilding a computer. Electrical equipment must be grounded as if it interacts with metal parts of the equipment it will become a live electrical current. Electrostatic discharge can cause permanent damages to electrical components so it is required to keep equipment grounded, and keep all the components on an antistatic bag until it is ready to be installed again. It is recommended to use antistatic wrist straps while working inside computers as it blocks static electricity from damaging sensitive components.