



Tech Info Library

Part Available For Using ImageWriter II And LQ Overseas

Revised: 11/10/88
Security: Everyone

Part Available For Using ImageWriter II And LQ Overseas

=====

This article last reviewed: 10 November 1988

Domestic 110V ImageWriter II and ImageWriter LQ printers can be used on voltages greater than 110V.

One solution is to use a step-down transformer. Unfortunately, with this method you sacrifice some horizontal and vertical print registration, and force the internal DC stepper motors to run hotter, thus becoming unreliable in a shorter period of time than normal. Apple does NOT recommend or support this method.

A better solution is to use a transformer/voltage switch assembly (Apple Service Part #915-0029). With the installation of this part, an ImageWriter II can be converted from 110V to a universal printer (which be altered to suit power supplies of different voltages.) This switch assembly contains a built-in selector switch, and is designed for an operating range of 100V to 240V, and a frequency range of 48 to 62 Hertz.

The catch is that this particular part is currently not sold domestically (US and Canada,) but only abroad. The #915-0029 transformer/voltage switch assembly is only installed in printers expected to be sold in areas of the world where the operating frequency is in the 48 to 62 Hertz range. However, a consumer CAN request that an international service provider sell them this part.

The transformer/voltage switch assembly is the ONLY part that differs from a 110V printer. It is included in all International-manufactured printers. The transformer assembly used in 110V printers works properly in the operating range of 58 to 62 Hertz only.

(NOTE: Part #915-0029 is for ImageWriter II ONLY. The universal transformer/voltage switch assembly for the ImageWriter LQ is Apple Part #915-0031.)

Most printers sold outside of the United States and Canada are equipped

with the universal, or selectable, power supply, therefore no change -- other than switch position -- is required. Once the printer is converted, no other hardware (such as a step-down transformer) is required.

Here are the frequency operating ranges of ImageWriter II and ImageWriter LQ printers:

- Domestic Units 110V units @ 58 - 62 Hertz
- International Units 110V to 240V units @ 48 - 62 Hertz

Copyright 1988 Apple Computer, Inc.

Tech Info Library Article Number:2753