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LaserWriter II: Test Connector J210 (9/94)

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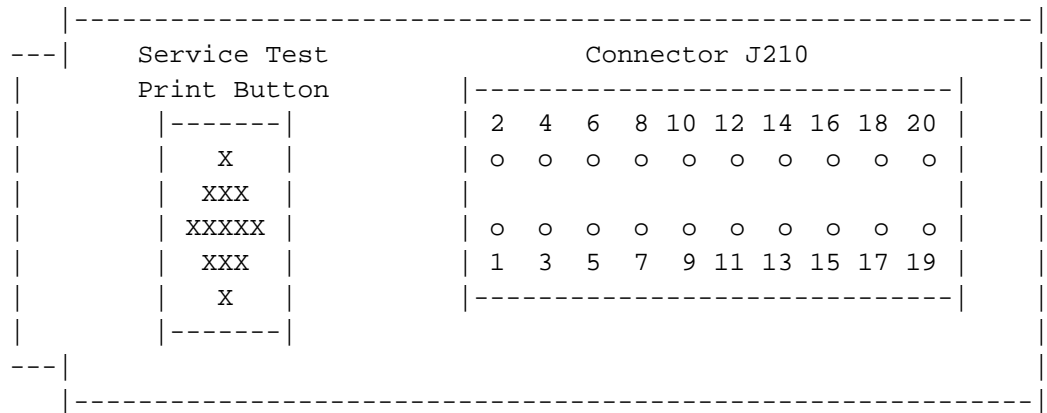
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TOPIC -----

This article provides a detailed description of the test connector J210 on the LaserWriter II series.

DISCUSSION -----

Connector J210 is located to the right of the service test print button. It is visible once the small metal cover plate is removed.



By connecting certain pins to ground, either chassis or signal, different engine tests can be performed. One of the simplest methods is to connect one end of an alligator clip lead to the metal chassis and connect the other end to a small probe such as a T-pin or paper clip. By touching the tip of the T-pin to the designated pins the tests can be performed. Use the diagram above to properly locate the required pins. The following options are especially useful:

Pin	Description
4	Turns on DC developing bias voltage.

- 6 Turns on AC developing bias voltage.
- 7 GND
- 8 Turns on DC primary corona voltage.
- 10 Turns on DC transfer corona voltage.
- 14 Generates a test print. This is the same as using the service test print button.
- 15 Forces print engine into a ready state as long as this pin is connected to ground.
- 17 Forces the laser diode on. Anytime the laser diode is on, the printed output should be black.
- 19 Forces scanner motor to rotate. Scanner motor sound should stabilize after a few seconds.

When shorting together pins on connector J210 be very careful not to short adjacent pins or you may damage the DC controller.

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