Manual Supplement

Manual Title:	IT200 IntelliTone™ Users Manual	Supplement Issue:	1
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This supplement contains information necessary to ensure the accuracy of the above manual.

Change

Replace pages 11, 12, and 13 with the pages that follow.

Validating Telephone Service and Polarity

The toner detects telephone service and circuit polarity on its banana, RJ11, and RJ45 jacks.

Note

This test requires power from the Central Office battery.

1. Turn off the toner.

2. Connect the toner to the circuit as shown in Figure 3. Disconnect unused test leads and connectors from the toner.

3. Turn the toner's rotary switch to **SERVICE**.

4. The LEDs indicate telephone service and polarity as shown in Figure 3.

   The toner checks for continuity between the red and black test leads and across the middle pair of the RJ45/RJ11 jack (line 1).
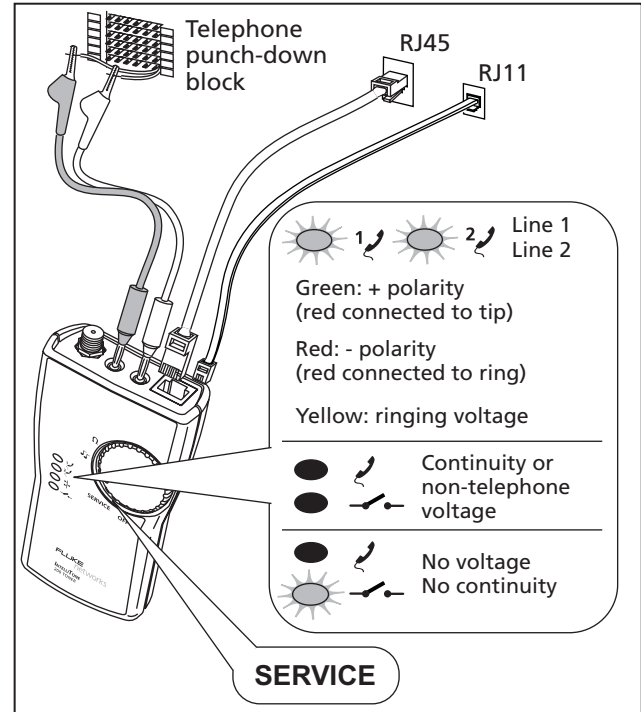

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Figure 3. Validating Telephone Service and Polarity

Validating Ethernet Service

The toner detects link pulses for 10BASE-T, 100BASE-TX, and 1000BASE-T Ethernet service on pins 1, 2 and 3, 6 of its RJ45 jack.

1. Turn off the toner.

2. Connect the toner to the circuit as shown in Figure 4.

3. Turn the toner's rotary switch to **SERVICE**.

4. The Ethernet LED indicates service on pins 1, 2 or 3, 6 as shown in Figure 4.

    The toner checks for continuity between pins 4, 5. Continuity indicates the toner is connected to a network device that is turned off.
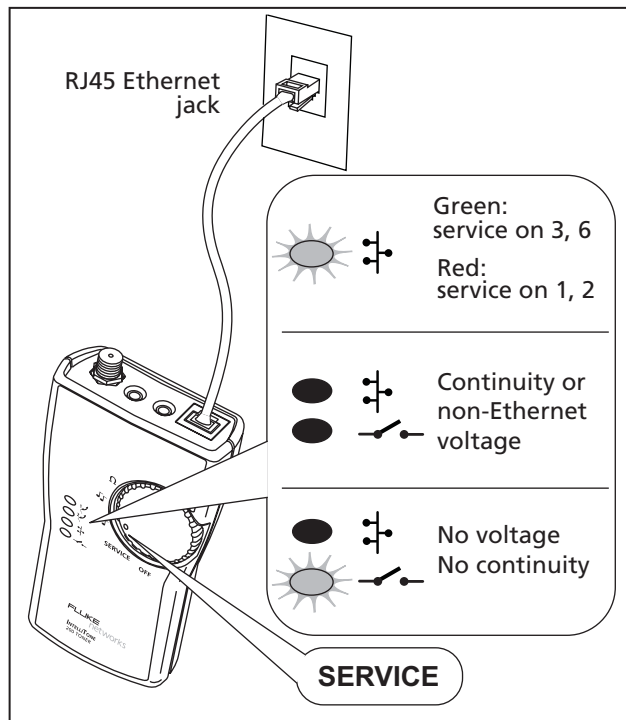
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Figure 4. Validating Ethernet Service

Testing for Continuity

You can use the toner to test circuits and components for continuity.

1. If you are testing a circuit, verify that it is not powered. Use the toner's **SERVICE** function to check voice and Ethernet circuits for power. Use a voltage meter to check other types of circuits for power.

2. Turn off the toner.

3. Connect the toner to the circuit or component as shown in Figure 5.

4. Turn the toner's rotary switch to Ω.

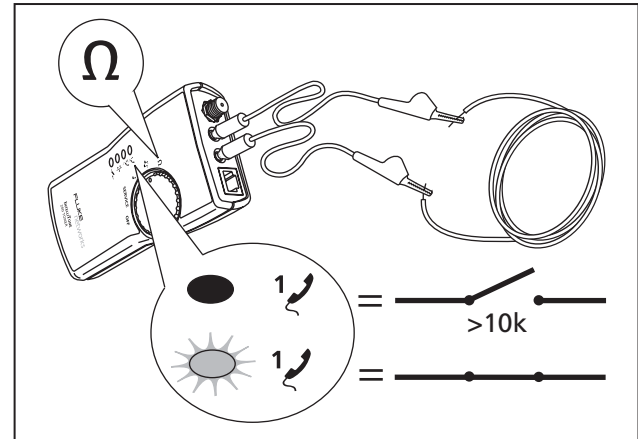5. The $1\phone$ LED indicates an open or closed circuit as shown in Figure 5.

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Figure 5. Continuity Test