

# **Cirris 5000A Cable Analyzer**

## **Performance Verification Manual**

Version 2.00

Major Revision May, 1998

**CIRRIS**  
An ISO 9001 Certified Company

# Cirris 5000A Cable Analyzer

Performance Verification Manual

Version 2.0

Major Revision, May, 1998

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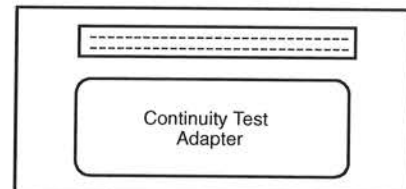
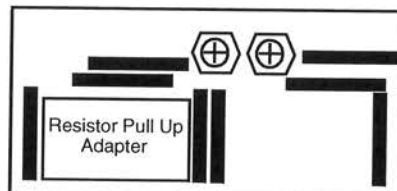
# Verifying the Performance of the Cirris 5000A

**What are we going to do?** We'll explain how to verify that your Cirris 5000A Cable Analyzer is performing properly. If you find that it doesn't perform properly, telephone us at Cirris at (801) 973-4600 or (800) 441-9910 for assistance.

**How often should you verify the analyzer's performance?** You should verify the analyzer's performance at least once a year, or whenever you feel the analyzer isn't operating as it should.

**What should be included in the Performance Verification Kit?** The kit should contain these items:

- This manual
- A special connector adapter labeled **Resistor Pull-Up Adapter**.
- A special connector adapter labeled **Continuity Test Adapter**.



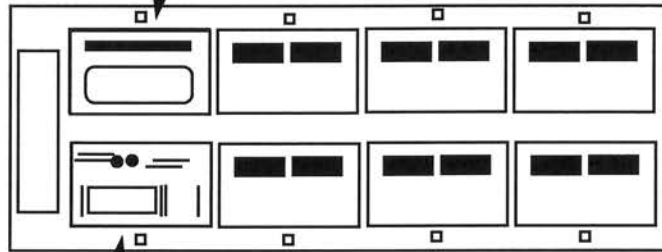
If any of these items are missing, telephone Cirris at (801) 973-4600 or (800) 441-9910.

**Procedure: Performance Verification**

To check the performance of your Cirris 5000A, follow these steps:

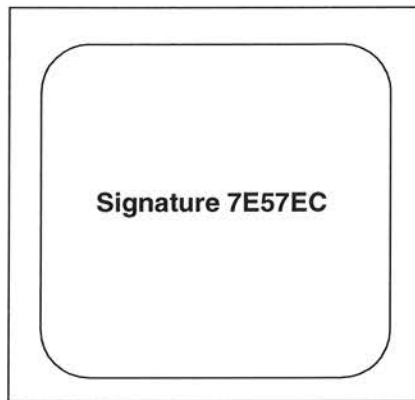
1. Install the special connector adapter labeled **Continuity Adapter** into scanner position J1-J2 on the 5000A, and the adapter labeled **Resistor Pull-Up Adapter** into scanner position J3-J4.

Install the Continuity Test Adapter into position J1-J2



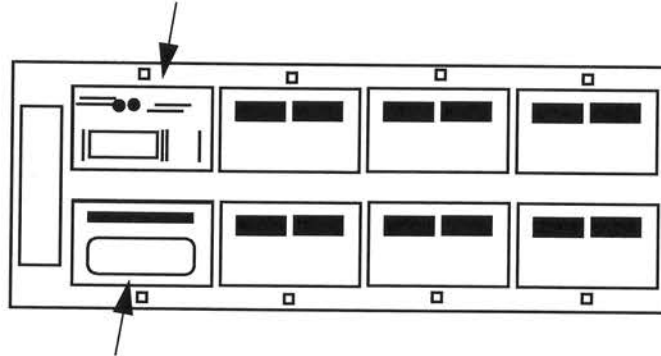
Install the Resistor Pull-Up Adapter into position J3-J4

2. With both adapters securely installed, turn on your 5000A. Enter the *Learn Wire List* section of the program, then enter the *Learn* section of the program. After the analyzer learns the adapters, it should prompt SIGNATURE: 7E57EC. **Note:** If the analyzer does **not** prompt the signatures we show in this procedure, continue with the performance verification procedure, then follow the instructions in “When Signatures Don’t Match” on page 7.



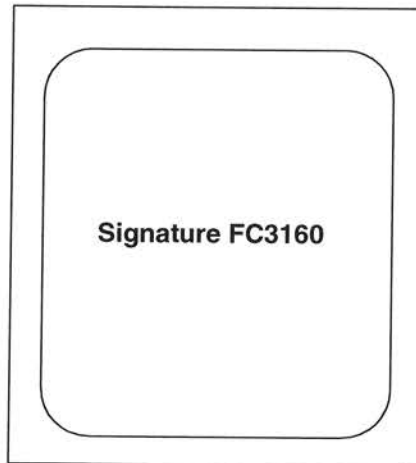
- Exit the program. Swap the adapters so that the **Continuity Test Adapter** is installed in J3-J4, and the **Pull-Up Adapter** is installed in J1-J2.

Install the Pull-Up Adapter in J1-J2



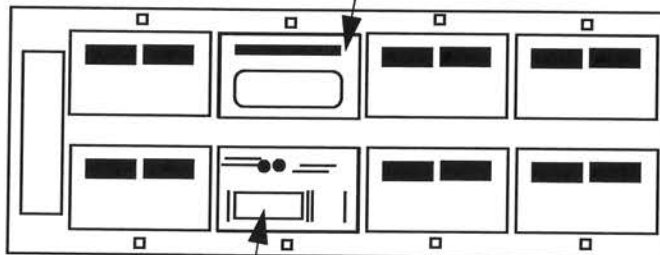
Install the Continuity Adapter in J3-J4

- Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: FC3160.



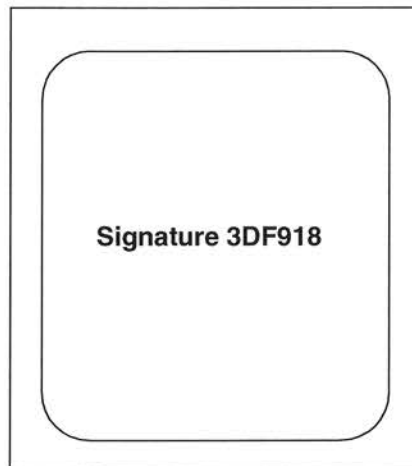
- Exit the program. Install the **Continuity Adapter** in the J5-J6 position, and the **Pull-Up Adapter** in the J7-J8 position.

Install the Continuity Adapter in J5-J6



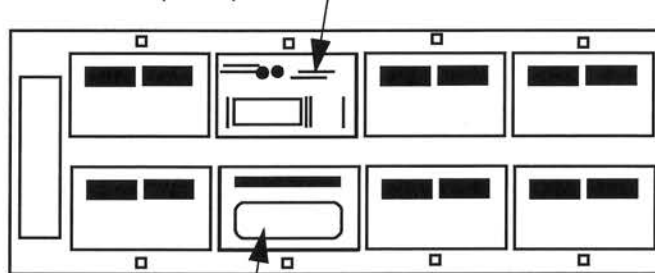
Install the Pull-Up Adapter in J7-J8

6. Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: 3DF918.



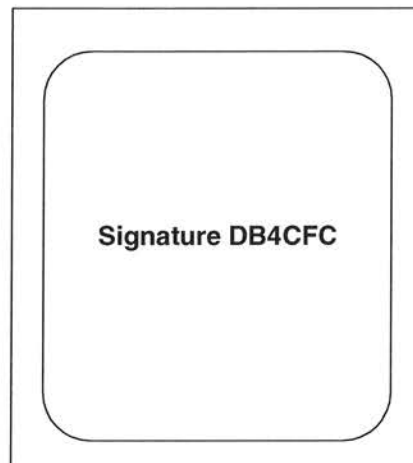
7. Exit the program. Install the **Continuity Adapter** in scanner position J7-J8, and the **Pull-Up Adapter** in position J5-J6.

Install the Pull-Up Adapter in J5-J6



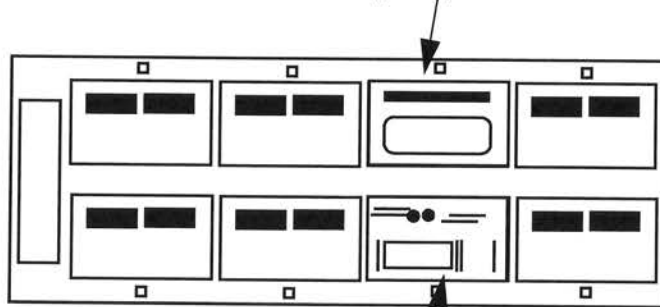
Install the Continuity Adapter in J7-J8

8. Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: DB4CFC.



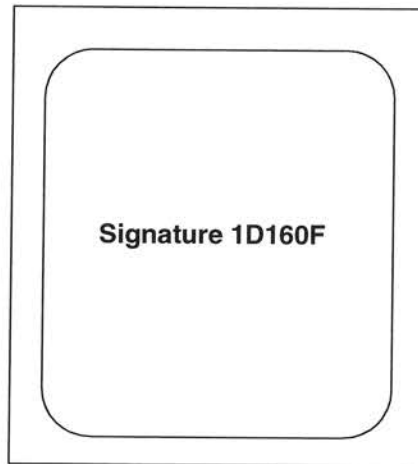
- Exit the program. Install the **Continuity Adapter** in position J9-J10, and the **Pull-Up Adapter** in J11-J12.

Install the Continuity Adapter in J9-J10



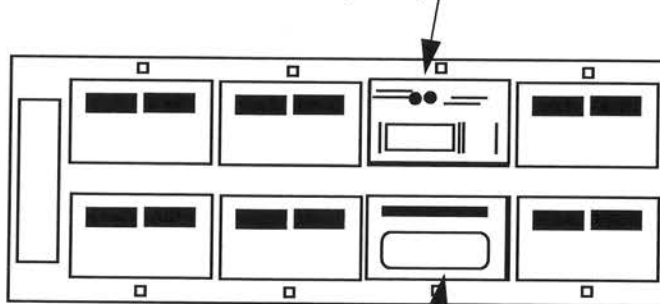
Install the Pull-Up Adapter in J11-J12

- Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: 1D160F.



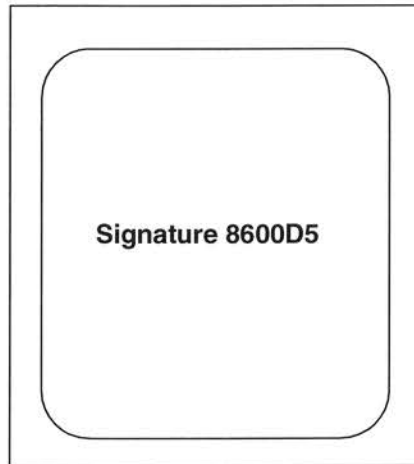
- Exit the program. Install the **Continuity Adapter** in position J11-J12, and the **Pull-Up Adapter** in position J9-J10.

Install the Pull-Up Adapter in J9-J10



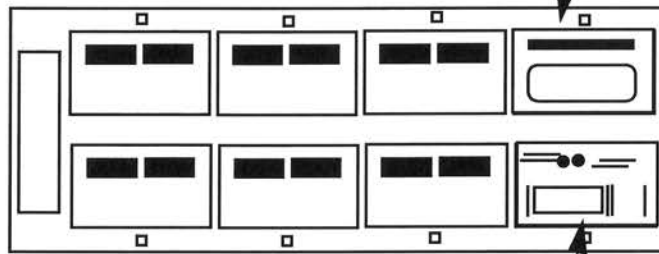
Install the Continuity Adapter in J11-J12

12. Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: 8600D5.



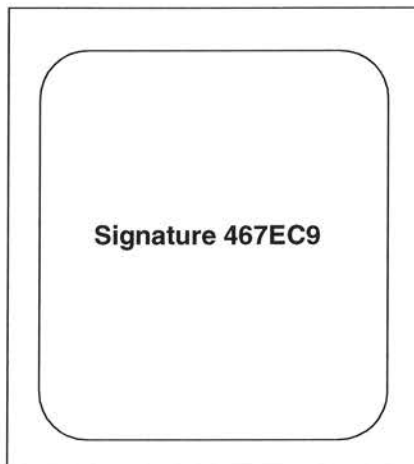
13. Exit the program. Install the **Continuity Adapter** in scanner position J13-J14, and the **Pull-Up Adapter** in J15-J16.

Install the Continuity Adapter in J13-J14



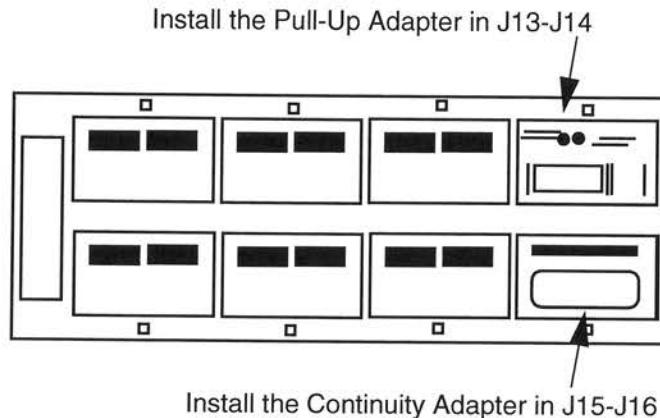
Install the Pull-Up Adapter in J15-J16

14. Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE: 467EC9.

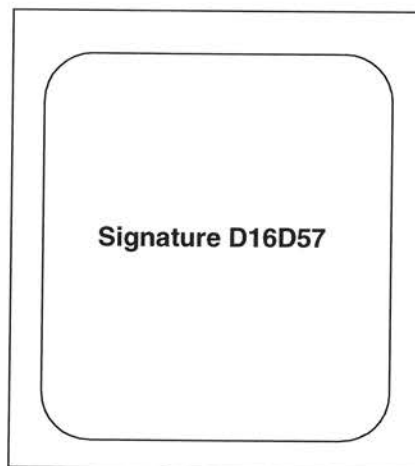




- Exit the program. Install the **Continuity Adapter** in scanner position J15-J16, and the **Pull-Up Adapter** in position J13-J14.



- Enter the *Learn Wire List* section of the program. Enter the *Learn* section of the program. The analyzer should prompt SIGNATURE D16D57.



**When Signatures Don't Match** If you see a signature that's different than any of the ones we've given here, there's a defect in the corresponding scanner assembly. For example, if the analyzer doesn't prompt SIGNATURE: 7357EC when you have the Continuity Test Adapter installed in scanner position J1-J2, the scanner assembly which supports that scanner position is defective, and needs repair.

Print out a wirelist of the incorrect signatures. Include a copy of this printout when you return the defective scanner assembly to Cirris Systems. To reach Cirris' Technical Support Team, call us at (801) 973-4600, or (800) 441-9910. We'll give you whatever additional instructions you'll need to get the problem resolved.

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