APPLE III: Keyboard Replacement

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The Apple III keyboard (P/N 661-91022) is no longer available as a replacement
module. If you order an Apple III keyboard, you will receive an Apple III Plus
keyboard, keyboard cover, and keyboard encoder ROM. To replace a defective
Apple III keyboard, exchange the old Apple III keyboard, keyboard cover, and
keyboard encoder ROM with the new Apple III Plus keyboard, keyboard cover, and
keyboard encoder ROM.

BEFORE YOU START: Familiarize yourself with the Apple III Technical
Procedures.   Be sure to follow proper ESD procedures.

Materials Required:
        Grounded workbench and wriststrap
        Medium flatblade screwdriver
        Small phillips screwdriver
        Medium phillips screwdriver
        IC extractor
        Keyboard encoder ROM P/N 342-0136 (included with new keyboard)
        Apple III Plus keyboard (included with new keyboard)
        Apple III Plus keyboard cover (included with new keyboard)

Replacement Procedure: To replace the Apple III keyboard:

1. Power off the Apple III and disconnect the AC power cord.

2. Disconnect all other external cables from the back of the
    Apple III.

3. Remove the main logic assembly (refer to Section 2, Take-Apart,
    of the Apple III and Apple III Plus Technical Procedures).

4. Place the main logic board on a grounded workbench pad and put
    on your grounding wriststrap.

5. Locate the keyboard encoder ROM at coordinate J13 on the main
    logic board and verify that it is the old ROM (P/N 341-0035).

6. Using an IC extractor, remove the old ROM at location J13.

7. Install the new keyboard encoder ROM (P/N 342-0136) at the
    same location, J13 on the main logic board. There is a small
    notch on the ROM. This notch should face away from the
    output connectors.

8. Replace the main logic assembly (refer to Section 2, Take-Apart,
    of the Apple III and Apple III Plus Technical Procedures).

9. Remove the keyboard and keyboard cover (refer to Section 2,
    Take-Apart, of the Apple III and Apple III Plus Technical
    Procedures).

10. Install the Apple III Plus keyboard and keyboard cover (refer to
     Section 2, Take-Apart, of the Apple III and Apple III Plus
     Technical Procedures).

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