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APPLE III: Keyboard Replacement

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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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