

## NU-NCM300-1 to NU-NCM350-1 Upgrade Kit

Notes: Models NU-NCM300-0 and NU-NCM311-0 cannot be upgraded in the field. To upgrade these units or units with earlier revision levels than those listed below, contact the Repair Center. European branches contact the Essen, Germany facility.

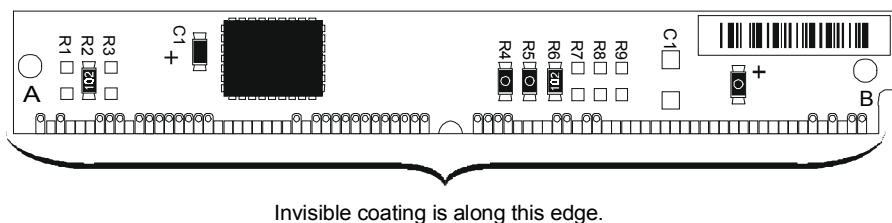
To complete the NU-NCM 300-1 to NU-NCM350-1 field upgrade, the NCM must have one of the following, or later, revision levels:

**Table 1: NCM Code Numbers and Revision Levels**

| NCM Code Number                | Revision Level      |
|--------------------------------|---------------------|
| NU-NCM300-1 or NU-NCM300-2     | Revision B or later |
| NU-NCM300-701 or NU-NCM300-702 | Revision B or later |

This procedure also applies to the upgrade of an NU-NCM311-1 (or later revision) to an NU-NCM361-1. See *the Network Control Module 300 Series Technical Bulletin (LIT-6360251)* for more details.

**CAUTION: Equipment damage hazard.** Do not touch the edge of the NU-ROM150-1 connectors (contact fingers). Touching the invisible coating along the edge of the NU-ROM150-1 can destroy it. See Figure 1.



**Figure 1: NU-ROM150-1**

### **Upgrade Kit Includes**

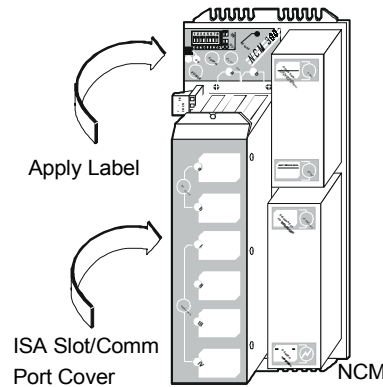
The NU-NCM300 to NU-NCM350 upgrade kit includes the following:

- ROM150 Flash Single Inline Memory Module (SIMM)
- installation instructions
- new NCM350 label

## Installation

Perform the following steps to upgrade the NCM300 to an NCM350 (see Figure 2 for locations of components):

1. Turn off power to the NCM300.
2. Disconnect the battery pack.
3. Remove the ISA Slot/Comm Port cover and the cardboard insulator.



**Figure 2: NU-NCM300**

4. Observe placement of the ROM101 in the NCM and note the two tabs on either side of the SIMM connector. Remove the ROM101 from the NCM300 and discard it.
5. Insert the ROM150 into the NCM300, and make sure the tabs on both sides of the ROM150 memory module socket snap into the holes of the ROM150 (see A and B in Figure 1). When the ROM150 is in place, it should be vertical, not angled.



**CAUTION: Equipment damage hazard.** A ROM101 or ROM150 **must** be installed before powerup of an NCM. If either is not installed on powerup, the DRAM and NOVRAM on the NCM may become corrupt. If the NOVRAM is corrupt, the NCM must be replaced!

6. Reinstall the cardboard insulator and the ISA Slot/Comm Port cover.
7. Apply the new NCM350 label over the old label.
8. Restore power to the NCM.
9. Download the NCM.
10. Reconnect the battery pack.

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