

# 4981A-02-S

## S E R V I C E N O T E

SUPERSEDES: None

### HP 4981A Network Advisor

**Serial Numbers:** 0000A00000 / 3121A00223

**Duplicate Service Notes:**

4980A-02-S

4982A-02-S

J2176A Mainframe Assembly

### Modification To Meet HP Standards For Grounding

**To Be Performed By:** HP-Qualified Personnel

**Parts Required**

J2176-6160 2Assy-Gnd Wire

**Situation**

Instruments in the above serial number range have inadequate grounding of the rear panel to the mainframe chassis. This problem is being resolved with the addition of a grounding wire harness.

**Solution**

Not all the instruments in the serial number range will require the ground wire. The instrument will need to be open up to see if the grounding wire is present. To inspect for and/or add the rear panel grounding wire use the following procedure. Use the Network Advisor service manual for reference.

*Continued*

DATE: 08 October 1991

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>SAFETY</b>			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	ALWAYS	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: RCB	ENTITY: 3800	RESPONSIBLE ENTITY: 3800	UNTIL: ALWAYS
ADDITIONAL INFORMATION:			

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1. Place the network advisor on an ESD safe work area with the power cord disconnected.
2. Remove the network advisor top cover.

**Note:**

Look on the rear mounting screw of the hard disk drive shield. If there is a wire running to the external ports board, the modification has already been done. The service note is completed.

3. Remove the network advisor mainframe system board from the chassis.
4. Install the ground harness by performing the following steps:
  - 4a. Locate the TM1 terminal on the power supply board in the front left corner of the board and next to the TM2 terminal.
  - 4b. Attach the end of the grounding harness with the single eyelet to TM1.
  - 4c. Route and dress the grounding wire harness next to the AC power harness following it to the rear panel near the line module.
  - 4d. Attach one of the remaining eyelets of the grounding wire harness to the top left-hand mounting point on the rear panel external ports board.
  - 4e. Attach the remaining eyelet of the grounding wire harness to the rear chassis mounting point of the hard disk drive mounting bracket.
5. Put the system board back into the chassis.
6. Reassemble the top cover on to the chassis.
7. Once the network advisor is fully assembled, apply power. Some of the system setup information may have been lost when the battery was detached from the system board. Setup fields that may need to be reset are the time, the date and the hard disk drive type.

Drive types are: 52 MByte = type 41    105 MByte = type 42

A drive size label is located on the front edge of the hard disk drive. For the 52 MByte the label indicates "52AT" and "105AT" for the 105MByte drive.
8. Once the network advisor "setup" information has been restored, the unit should power up to the top level window.