

MODIFICATION RECOMMENDED

N6705A-05

S E R V I C E

N O T E

Supersedes:
NONE

N6705A DC Power Analyzer

Serial Numbers:

MY47000603	MY47000616	MY47000622	MY47000629	MY47000650	MY47000659
MY47000608	MY47000617	MY47000624	MY47000630	MY47000652	MY47000662
MY47000610	MY47000618	MY47000625	MY47000635	MY47000653	MY47000666
MY47000611	MY47000619	MY47000626	MY47000639	MY47000654	MY47000667
MY47000613	MY47000620	MY47000627	MY47000641	MY47000656	MY47000669
MY47000614	MY47000621	MY47000628	MY47000649	MY47000658	SG47000135
MY47000615					

The safety ground connectors for specific serial numbers need to be verified for proper installation.

Parts Required:

P/N	Description	Qty.
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NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	X ON SPECIFIED FAILURE [] AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours	
LOCATION CATEGORY:	X CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER X CHANNEL PARTNER	SERVICE INVENTORY: [] RETURN [] SCRAP X SEE TEXT	USED PARTS: [] RETURN [] SCRAP X SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE NO CHARGE AVAILABLE UNTIL: End of Support		
AUTHOR: WIU	PRODUCT LINE: SP		
ADDITIONAL INFORMATION:			

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Situation:

The safety ground connectors for specific serial numbers need to be verified for proper installation.

Solution/Action:

The hex nut, which secures the safety ground to the AC Input Filter Module (P/N 9135-5209) needs to be verified to have been installed with 9 inch pounds.

Testing Note

After the update has been completed turn on the unit and allow the instrument to complete self-test. This update will not affect the calibrating or performance specifications.

Also notify the N6705A Support Engineer the serial number that was verified at plsp-power_prod_support@agilent.com.



Disconnect the AC input to the instrument before doing this verification

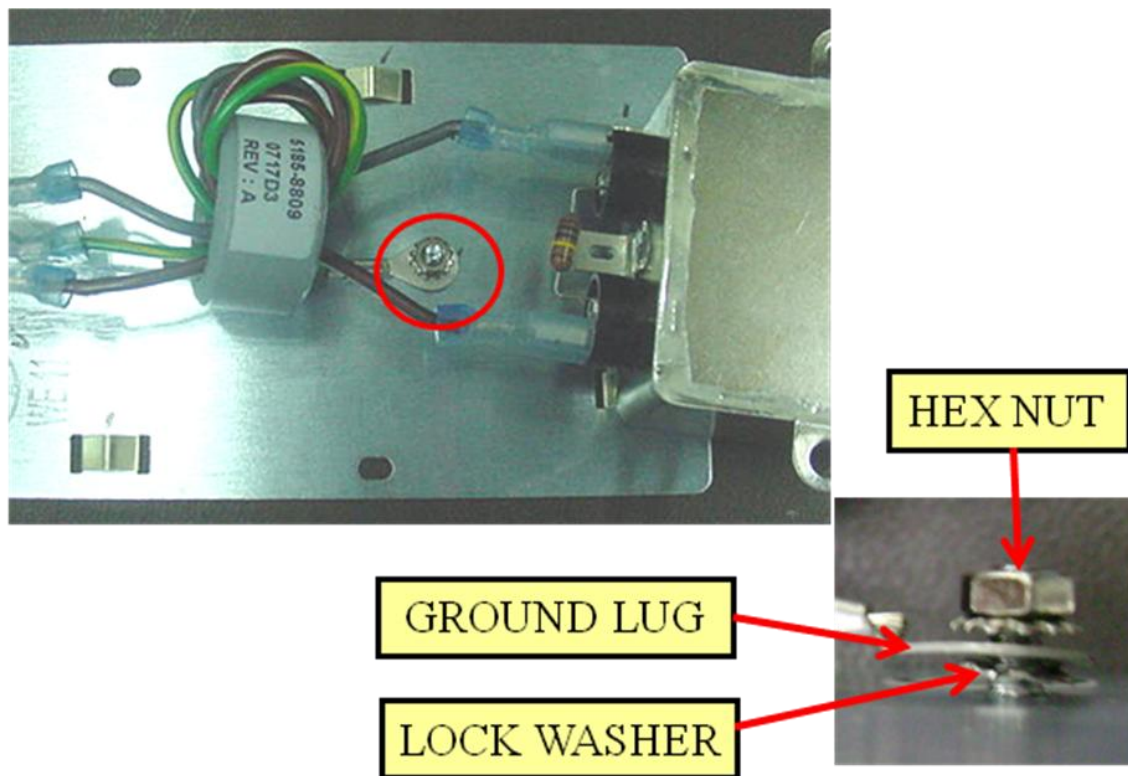
Electrostatic Discharge (ESD) Precautions

Electrical components can be damaged by electrostatic discharge (ESD) during handling. Component damage can occur at electrostatic discharge voltages as low as 50 volts. The following guidelines will help prevent ESD damage when servicing the instrument or any electronic device.

- Disassemble instruments *only* in a static-free work area.
- Use a conductive work area to reduce static charges.
- Use a conductive wrist strap to reduce static accumulation.
- Minimize handling.
- Keep replacement parts in original static-free packaging.
- Remove all plastic, foam, vinyl, paper, and other static-generating materials from the immediate work area.

Disassembly

Follow the instructions on page 55 of the N6705A Service Manual to remove the AC Input Filter Module (P/N 9135-5209).

Figure 1. Demonstration of properly installed safety ground connector**Part List:**

Lock Washer	Qty. 1	P/N: 2190-0644
M3 Hex Nut w/Lockwasher	Qty. 1	P/N: 0535-0031

DESCRIPTION

1. Secure Green/Yellow wire of Cable AC to AC Shroud Top.

Note : Ensure hardware as per sequence.

Lock Washer – Ground Lug - Hex Nut.

Tool : 5.5mm Nut Socket (9 in lbs)

Reassembly

Make sure that all other cables are fully inserted before reassembly. Follow the instructions on page 55-56 of the N6705A Service Manual to install the AC Input Filter Module (P/N 9135-5209).