

5340A-22D

S E R V I C E N O T E

SUPERSEDES: 5340A-22C

HP 5340A Microwave Frequency Counter

Preamp Retrofit Kit Available for the HP 5340A

Service Notes: 0000A00000 / 2250A99999

To Be Performed By: HP or Qualified Personnel

Parts Required:

Standard or Option 005: 05340-67001

HP Part No.	Description	Qty.
05340-90038	Installation Note	1
05340-60091	Preamp #1 Assembly	1
05340-60092	Preamp #2 Assembly	1
05340-60109	#2 Sampler Input Cable	1
05340-60110	#1 Sampler Input Cable	1
05340-60111	A17 Input Cable	1
05340-60108	Std/005 N-Type Input Cable	1
5088-7060	Power Splitter	1

Continued

DATE: 10 June

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
MD	0200	See Installation Note 05340-90038

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Option 002 or Option 002/005: 05340-67002

HP Part No.	Description	Qty.
05340-90038	Installation Note	1
05340-60091	Preamp #1 Assembly	1
05340-60092	Preamp #2 Assembly	1
05340-60109	#2 Sampler Input Cable	1
05340-60110	#1 Sampler Input Cable	1
05340-60111	A17 Input Cable	1
05340-60112	Opt 002 N-Type Input Cable	1
5000-0050	Side Panel Strips	2
5088-7060	Power Splitter	1

Option 006: 05340-67003

HP Part No.	Description	Qty.
05340-90038	Installation Note	1
05340-60091	Preamp #1 Assembly	1
05340-60092	Preamp #2 Assembly	1
05340-60109	#2 Sampler Input Cable	1
05340-60110	#1 Sampler Input Cable	1
05340-60111	A17 Input Cable	1
05340-60113	Opt 006 N-Type Input Cable	1
05340-60114	Cable between 18 GHz Input Cable and Limiter	1
5088-7060	Power Splitter	1

Tools Required:

Large and Small Pozidrive Screwdriver
 Solder Iron
 Long Nose Pliers
 Open End Wrenches: 5/16 and 15/64 inches

Situation:

In November of 1987, the old CP1 Power Splitter (HP P/N 5088-7003) and the old A1/A2 Preamp Assemblies 1 and 2 (HP P/N 05340-60017/05340-60027) and their exchange assemblies (HP P/N 05340-60517/05340-60527) were obsoleted and are no longer available. New ones were designed that are 10 times more reliable and do not require electrical "matching" at the factory. The new parts are not compatible with the old obsoleted ones. Therefore, if the old power splitter or old preamps fail, all three parts must be replaced with the new ones along with the necessary cabling.

Solution:

Three service kits have been set up if an old front-end needs upgrading. Select the kit that best matches the option configuration of the HP 5340A under repair. HP 5340As with the Option 005 23 GHz Frequency Extension contain the same front-end as the standard 18 GHz front-end. The only difference is that the Option 005 units have been tested to 23 GHz. Consequently, kit part numbers 05340-67001 and 05340-67002 are compatible with option 005.

All three kits contain the same installation note.