

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

4395A-12C

S E R V I C E N O T E

4395A-12B

Agilent 4395A Network/Spectrum/Impedance Analyzer

Serial Numbers: JP1KE00101 to JP1KE02196, MY4100101 to MY4100219

New Replacement Parts for YTO and A5 Assemblies

Parts Required: See Solution / Action

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

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ADDITIONAL INFORMATION:

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Situation:

The 4395A's YTO (YIG Tuned Oscillator) assembly was changed from 0955-0777 to E4970-61002. The 0955-0777 is not available any more. A5 local synthesizer board was also changed from E4970-66505 to E4970-66515 compatible with the new YTO. New exchange A5 board (E4970-69515) for the E4970-66515 is set up.

Solution/Action:

When either the old YTO assembly (0955-0777) or the old A5 board (E4970-66505) is faulty, replace both the YTO and A5 board with new ones. Order the new YTO, the new A5 board and the semi rigid cable for interconnecting the YTO and A5.

1. Replace old YTO (0955-0777) with a new YTO (E4970-61002). See figure below for a drawing of the new YTO assembly.
2. Replace old semi rigid cable (E4970-61303) with a new cable (E4970-61617).
3. Replace old A5 local synthesizer board with a new exchange A5 board (E4970-69515).
4. Perform adjustments and performance tests. (Refer to the 4395A service manual).

Parts required:

PN	Description	Qty
E4970-61002	YTO assembly	1
E4970-61617	Semi rigid RF cable	1
E4970-69515	A5 local synthesizer exchange board	1
(E4970-66515)	A5 local synthesizer original board)	

