

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

N1020A-02

S E R V I C E N O T E

Supersedes:
None

N1020A: Time Domain Reflectometry Probe

Serial Numbers: [0000A00000 / 9999Z99999]

Damaged probe tips cannot be repaired; they must be replaced.

Parts Required:

P/N	Description	Qty.
N1020-60003	Probe Tip Assy	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY
AUTHOR: RC PRODUCT LINE: 8F
ADDITIONAL INFORMATION:

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Situation:

The N1020A is a very delicate probe used to inject a step into a device under test (DUT), and also read reflecting voltages.

The tip of the probe is particularly fragile. The ground pin of the probe is spring loaded, and extends slightly beyond the length of the signal pin. This aids in avoiding ESD damage. These spring-loaded ground pins can be removed via the tweezers that are shipped with the probe, but care must be given to not damage the ground pin (by either bending it, inserting it at an angle, or pulling the contact head off of the spring). If the ground pin becomes broken in a particular hole, there is no repair that can be given. The probe tip (N1020-60003) must be used as-is, or replaced.

The signal pin of the probe tip is not removable. If it becomes bent, or otherwise damaged, there is no repair process to fix it. The entire probe tip (N1020-60003) must be replaced.

Solution/Action:

If the probe tip is found to be damaged, it must be replaced by ordering the new part number: N1020-60003.