

S E R V I C E N O T E

SUPERSEDES: None

85102A IF DETECTOR

Serial Numbers: See below

New J1 Molex connector on the old A26 Rectifier Board**Duplicate Service Notes:**

85102A Serial Numbers: 0000A00000 / 9999Z99999

85102B Serial Numbers: 0000A00000 / 3901A07250

85102R Serial Numbers: 0000A00000 / 3901A00743

To Be Performed By: Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
85102-60278	Kit-Repair	1 (Not require for solution Number 1.)

Situation:

The above model and serial numbers have an old design for J1 Molex connector on the old A26 Rectifier Board which is not able to handle the total current requirement for the 85102A/B/R over its lifetime.

Agilent redesigned the A26 rectifier board, which includes the protection circuitry and new J1 Molex connector, enhancing the reliability.

Continued

DATE: August 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	☐ PERFORMANCE ENHANCEMENT ☒ SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☒ ON-SITE ☐ SERVICE CENTER	AVAILABLE UNTIL: End of product life
AUTHOR: AP	ENTITY: 5340	ADDITIONAL INFORMATION:

Solution:

There are two methods to solve this problem:

1. Unplug J1 Molex connector from the old A26 Rectifier Board then solder each of the six wires to its corresponding pin.
2. Order the retrofit kit (p/n. 85102-60778) which will replace the old A26 board with the new redesigned A26 board.