



03-029B
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MANDATORY CABLE STRESS RELIEF IN E-SERIES ANALYZERS

I. PURPOSE:

To give instructions to the customer on "How to relieve the stress of the cables in an E-Series Analyzer". The goal is to remove tie wraps in order to reduce the stress on the connectors at the relay board and to reduce the intermittent problems that may occur from this.

II. TOOLS:

Diagonal Cutters
Phillips screwdriver

III. PARTS:

None

IV. PROCEDURE:

1. Power down the instrument and remove the power cord.
2. Remove the instrument cover by removing the Phillips head screws on each side of the instrument.
3. Locate the relay board near the right rear corner of the instrument. Refer to Figure 1. The location of the relay board is the same for all the E analyzers.
4. Locate the wiring harness that is attached to the J11-J15 connectors.
5. Cut all the tie wraps off of the harness and dispose of them. Refer to Figure 2.

CAUTION!!
WHEN CUTTING THE TIE WRAPS DO NOT CUT THE
WIRING HARNESS!!!
CUT AND REMOVE TIE WRAPS UP TO 6" AWAY FROM
THE RELAY BOARD.

6. Once the tie wraps are removed ensure that the J11-J15 connectors are properly seated.
7. Power on the instrument.
8. The instrument is ready for use.

Figure 1

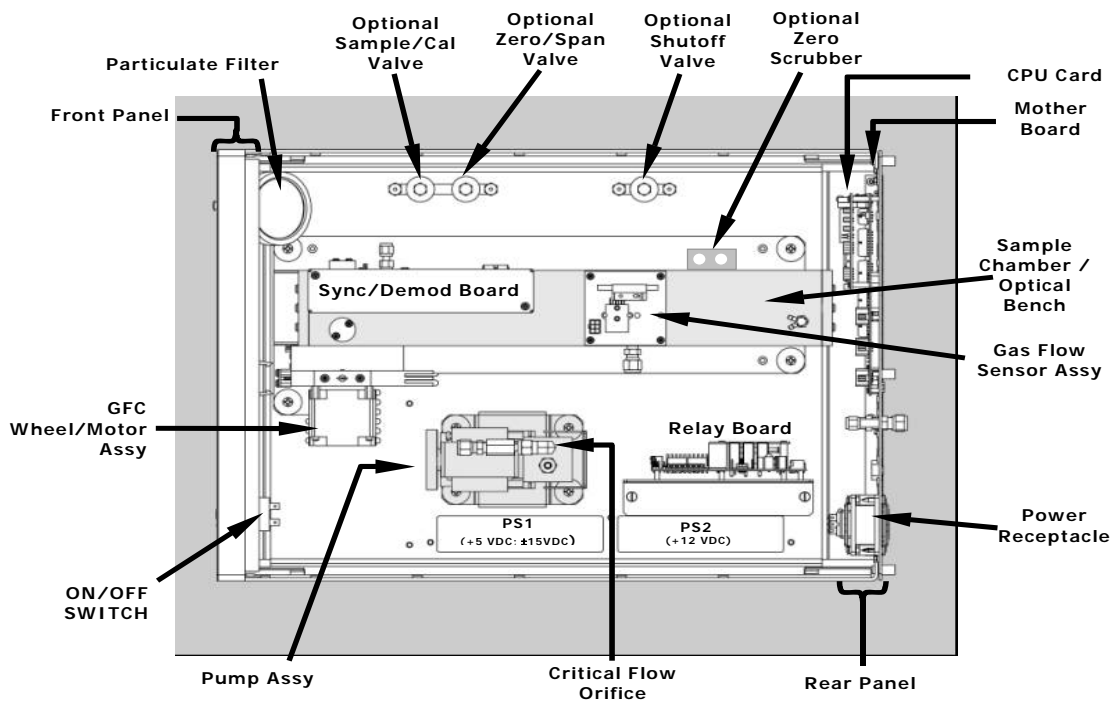


Figure 2

