

MODEL 412AR DC VACUUM TUBE VOLTMETER SERIAL 134-05282 AND BELOW (Rack mounted Instrument)

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IMPROVED GROUND CONNECTION

To facilitate using the @ Model 412AR* DC Vacuum Tube Voltmeter, Serial 134-05282 and below, with a "floating" ground, the easy-to-make circuit change described in this Service Note is necessary.

SERVICE

Installation of this modification will provide a better ground connection for the shielded cable leading from the Modulator Assembly to Amplifier Tube V101A. This new ground will eliminate bias circuit disturbances when use of your Voltmeter requires an input isolated from ground.

* Rack mounted instrument only.

MODIFICATION PROCEDURE

1) Disconnect power and remove cabinet.

2) The black lead extending from the modulator end of the shielded cable (routed from the Modulator Assembly to Amplifier Tube V101A) should be disconnected from the center terminal of the five-pin terminal strip. This terminal strip is located near the rear panel OUTPUT terminals.

3) Connect this black wire to the main ground terminal on the Modulator Assembly. (At junction of two other black leads.)

4) Replace cabinet.

5) No adjustments are required - an operating check completes the modification.

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COMPLETE COVERAGE IN ELECTRONIC MEASURING EQUIPMENT