

# FORD PORTABLE GENERATORS

## Component Testing

# 2

### Component Testing

#### COMPONENT TESTING

This section guides you in checking your generator components for proper operation. Follow the safety precautions in front of this manual. Additional safety precautions are included with the tests; do not neglect these precautions.

#### VOLTAGE REGULATOR TEST

This test is designed to check regulator output. To test, you will need the following components:

- 1 Variable Transformer, 0-140 Volts (less .5 amp)
- 1 to 1 Isolation Transformer (less .5 amp)
- 1 120 Volt AC Plug (60 Hz)
- 1 Single Pole, Single Throw Switch
- 1 120 Volt, 100 Watt Lamp
- 1 2 Amp Fuse
- 1 AC Voltmeter
- Recommended #14 AWG Copper Wire (Minimum)



**WARNING: HIGH VOLTAGE!** Remember the function of a generator set is to produce electricity and whenever electrical energy is present, there is the potential danger of electrocution. Be sure that generator is properly grounded. Do not touch electrical equipment when standing in water or on wet ground or when your hands are wet.



**WARNING: HIGH VOLTAGE!** The heat sink of the voltage regulator contains high voltage. Do not touch when testing voltage regulator, or electrical shock will occur.

1. Connect components as shown in Figure 2-7.
2. Plug in variable transformer and AC plug.
3. Turn switch S1 on. Lamp should be on.
4. Turn variable transformer on. Slowly increase variable transformer, the lamp should go out at approximately 110 volts.
5. If the lamp does not go out or stays at a dull glow, this indicates a faulty regulator and should be replaced.

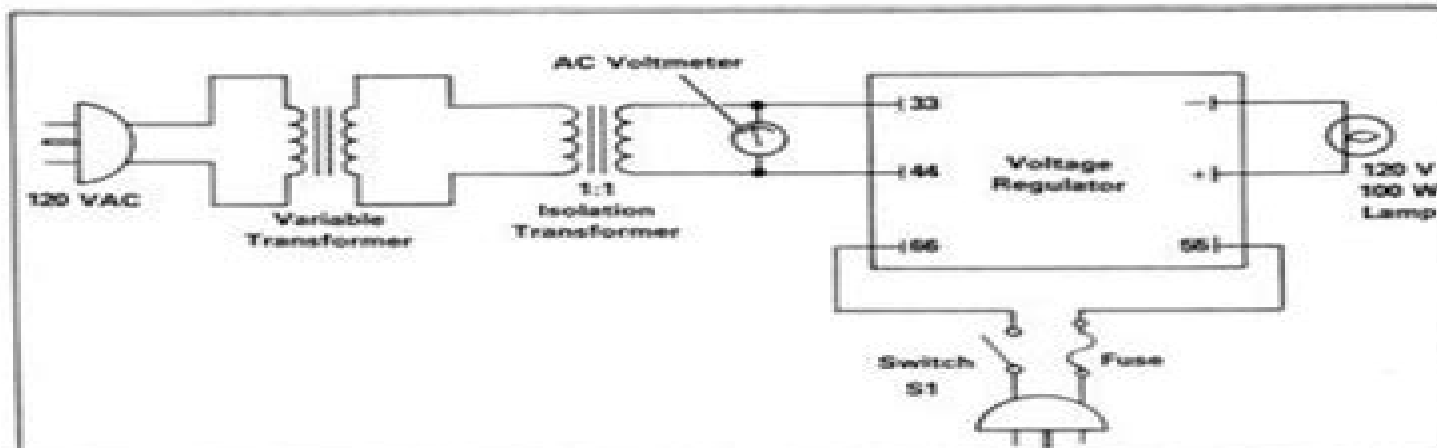


Figure 2-7. Voltage Regulator Test

# Sample Generator Repair Manual

**Julia Schneider**



## **Sample Generator Repair Manual:**

## Decoding **Sample Generator Repair Manual**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Sample Generator Repair Manual**," a mesmerizing literary creation penned by a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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