Regulator

1. Measure the resistance between the Black and Red leads using the "Rx10" range of the ohmmeter.

+ to Bk,	- to Red	R=700-1,000Ω
- to Bk,	+ to Red	R=70-200Ω

2. Measure resistance between the Black lead and each Yellow lead in turn using the "Rx10" ohmmeter range.

+ to Bk,	- to Y	R=1,000-1,200Ω
- to Bk,	+ to Y	R=25-100Ω

3. Measure resistance between the Red lead and each Yellow lead using the "Rx10" ohmmeter range.

+ to R,	- to Y	R=25-90Ω
- to R,	+ to Y	One Y lead: R = under 2KΩ Other Y lead: R = under 6KΩ

4. Connect the battery voltage indicated - to the Black lead and + to the Red lead. Then measure resistance between the two Yellow leads.

Fig. 440 –
R = infinity (no reading)
with test leads reversed R = 500Ω

Fig. 441 –
R = infinity (no reading) either direction

AC Generator

Generator resistance readings should be taken with the generator at normal temperatures, not when it is excessively hot from running.

1. Resistance between the Two Yellow leads is 0.4 Ω

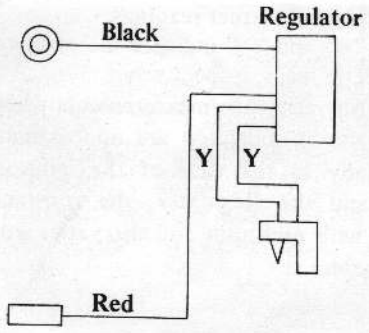
2. Resistance between either Yellow lead and ground should be infinite (no reading).

3. Resistance between the Blue and Green leads is 5.0 Ω.

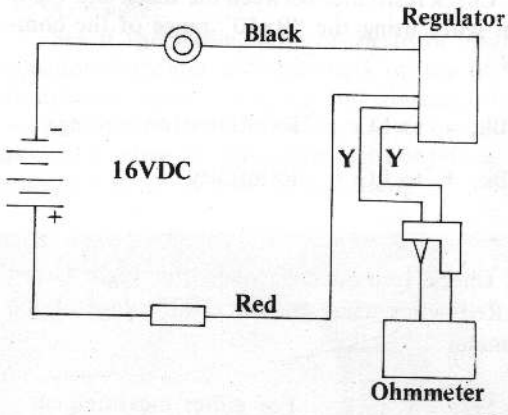
4. Resistance between the White and Green leads is 200 Ω.

5. Resistance between the Black lead and each White lead is 200 Ω. (Signal generator test)

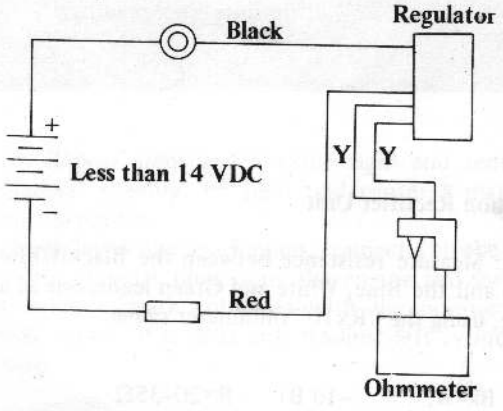
439



440



441



442