

### Atwater Kent 60

*First or Early Type:*

*Second or Late Type:*

Use a No. 16988 resistor (160 ohms) for replacement of the r-f. bias resistor.

We have been advised by the manufacturer that intermittent operation of their Motorola Golden Voice models, is due to low battery voltage delivered to the set from the car's battery. Check all connections between the car battery and the radio set to avoid undue voltage drop in the car wiring, as the OZ-4 rectifier tube will fail to start

On those Golden Voice sets not having the filament contacts of the rectifier socket wired, this wiring can be inserted by inverting the chassis and removing the cover from the hash compartment and connecting the filament contacts of the rectifier socket, as shown in the accompanying sketch. One contact to ground as indicated by



### Federal Model K

Below will be found the voltage data for this receiver, the schematic of which appears on the following pages in *Rider's Manuals*: 1-21 in the revised edition; \*284 in the early edition, and 987 in the *Rider-Combination Manual*.

*Scr. Grid*

<i>Tube</i>	<i>Function</i>	<i>Plate to Frame</i>	<i>Grid to Cathode</i>	<i>to Frame</i>
227	1st R.F.	120	7.5	—
224	2nd R.F.	110	1.5	60
227	Det.	65	0-1	—
227	1st A.F.	135	7.5	—
171A	P.P.O.P.	205	40	—

### Sparton I-F. Peaks

Model 60 has an i-f. peak of 900 kc.

It is suggested that you write these i-f. peaks on the schematics for these models in your Rider Manuals.

These changes affect only the second a-f. bias resistors in Models 55, 55C, 60 and 60C.

### Garod I-F, Peaks

The i-f. peak of the receivers of this manufacturer, that are shown in *Volume VI of Rider's Manuals*, is 456 kc.