Zenith 9H881, 9H882, 9H885, 9H888, Ch. 9E21

These models appear on *pages 19-22 through 19-29,30 of Rider's Volume XIX.* If capacitor C-4, 0.05 μf, in series with the wavemagnet is open, the signals will be weak and the addition of an external antenna will not appreciably improve the signal strength. The replacement of this capacitor with a new 0.05 μf capacitor usually clears up the trouble.

If the phonograph is dead, check resistor R-14, 10,000 ohms, ½ watt, for intermittent operation. Due to movement of the r-f shelf when the band switch is operated, this resistor sometimes becomes intermittent, thus opening the phono circuit.

In most cases when aligning these models, it is not necessary to change or make any alterations in the i-f or discriminator trimmers. These trimmers are quite stable, and the only change recommended in alignment is that of the r-f section.

Be very sure to dress the tone control wires away from the pulley and dial cord. If these are not dressed away, binding and dial slipping will result.

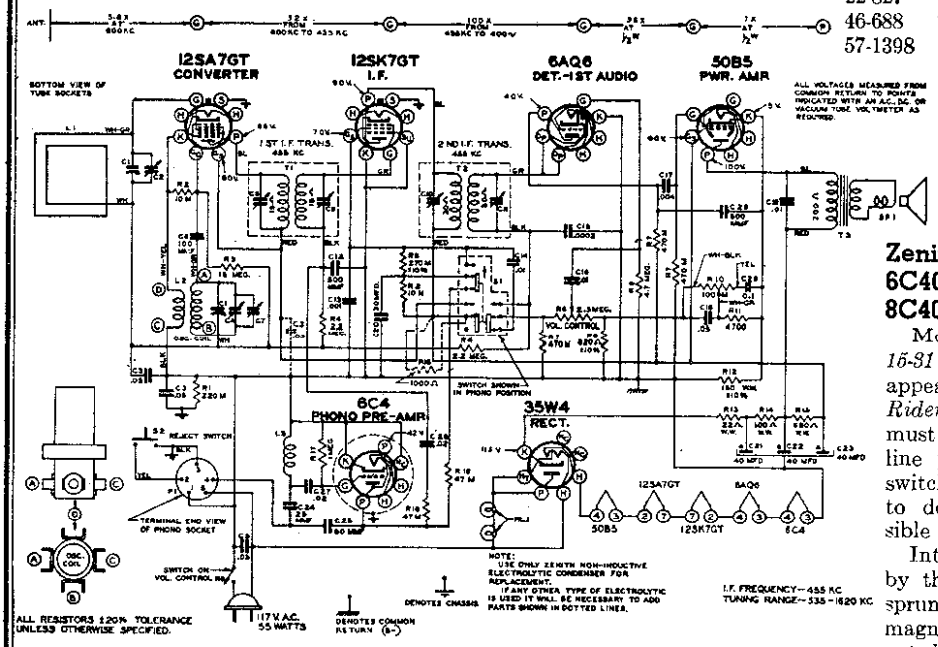
If static is present when tuning in a station, check and see if the silver foil on the paper tube shield is tightly wrapped on the cardboard form. Sometimes this foil unwraps from the cardboard form and lies against the gang plates, creating static.

Zenith 6R886Z, Chassis 6E02Z

Model 6R886Z is the same as Model 6R886 which appears in *Rider's Manual Volume XVII, pages 17-16 and 17-17,* except that a tone control has been added, as illustrated in the accompanying diagram.

The following parts were added:

S-14667	Dial pointer and pulley assy.
S-14670	Tone control brkt. and lug assy.
12-1490	Cover plate support
22-827	0.1 μf 200 v.
46-688	Tone control knob
57-1398	Escutcheon



Changes in the Zenith 6R886Z.

Zenith Chassis 6C01, 6D0 Series

Chassis 6C01, 6D0 Series, which appears on *page 15-26 of Rider's Volume XV,* will contain variations in the tube line-up. A single chassis may contain octal, lock-in, and miniature button tubes. If an original tube is replaced with an alternate, the socket must also be replaced.

Original	*Alternate*
35Z5G/GT	35W4
12SQ7GT	12AT6

When replacing speakers, use a speaker with the same code letter (49U, AG etc.) as the original otherwise a low-pitch hum may be produced. If a speaker with a different code is used, R10 (feedback resistor) may have to be changed. With 49U, H, or AG speakers, R10 is 390,000 ohms. When using a 49CS549 speaker, R10 must be 680,000 ohms. R10 is 330,000 ohms for all other speakers.

To repair this set when it produces a howl, change the 14C7 tube, which is probably microphonic.

For oscillation, hum, and poor sensitivity, check for grounded tuning capacitor frame. Correct by inserting a rubber pad between the capacitor frame and chassis. Cement in place.

Zenith 8G005 Series

These models appear on *pages 15-63 through 15-70 of Rider's Volume XV.* All receivers of this series are similar. Different letters after the numbers 8G005 indicate differences in the cabinet only, except for Model 8G005BT. The latter is an export-standard model and employs a 220-120-volt changeover switch in the rear of the chassis. Otherwise, it is the same as the rest of the series.

63-1653	Tone control
78-793	Socket-octal tube
85-438	Phono-Radio switch
125-66	Rubber grommet
166-41	Rubber bumper
188-34	Retaining ring.

Zenith 6G001, 6G001YX, Chassis 6C40, 8G005, 8G005YX, Chassis 8C40

Model 6G001 appears on *pages 15-30 and 15-31 of Rider's Volume XV.* Model 8G005 appears on *pages 15-63 through 15-70 of Rider's Volume XV.* The On-Off switch must be in the Off position whenever the line plug is inserted into the changeover switch on the rear of the chassis. Failure to do this may cause flashing and possible burn-out of the output tubes.

Intermittent operation may be caused by the wavemagnet snap connectors being sprung, causing a poor contact. Poor wavemagnet contact is made through the cabinet hinge.

The letter "X" after the model number (6G001YX, 8G005YX) indicates that an aluminum cabinet is used.