<table>
<thead>
<tr>
<th>Model:</th>
<th>Power:</th>
<th>Year:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6B321</td>
<td></td>
<td>Pre October 1938</td>
</tr>
<tr>
<td>Chassis:</td>
<td>Circuit:</td>
<td>IF:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tubes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bands:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Resources**

- Riders Volume 9 - ZENITH 9-17
- Riders Volume 9 - ZENITH 9-18
**ZENITH RADIO CORP.**

**MODELS 6S330, 6S361**

**Voltage Alignment**

**MODEL 6B321**

**Socket, Trimmers Alignment**

---

### ALIGNMENT PROCEDURE

**Models 6S330, 6S361**

**CHASSIS No. 5648**

<table>
<thead>
<tr>
<th>Adjust Trimmers</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set Dial At</td>
<td>See Note</td>
</tr>
<tr>
<td>Set Osc. to Scale</td>
<td>F</td>
</tr>
<tr>
<td>Rock Gang &amp; adj. for max. output</td>
<td>G</td>
</tr>
<tr>
<td>Repeat 3 &amp; 4</td>
<td>H</td>
</tr>
<tr>
<td>Rock Gang &amp; adj. for max. output</td>
<td>I</td>
</tr>
</tbody>
</table>

#### Band

- **Br'dc't**: 600 MHz
- **200 Mmfd.**: 1500 µF
- **400 Ohms**: 600 Ohm

#### Connect Test Oscillator to

- **1st Det. Grid**: 1/2 Mfd.
- **Power Box**: 400 Ohms

#### Dummy Antenna

- **456**: 200 Mmfd.
- **650**: 200 Mmfd.
- **Police**: 400 Ohms

#### Notes:

- Receiver is used in location subject to interference, adjust wave trap (E) for minimum interference with line voltage 115 v. Consumption 65 watts.
- Power Output 4.5 watts.
- (A) Bias for 6A8 - 6K7 and 6H6 tubes measured across X and Y which is neg. 4 volts.
- (B) Bias for 6F6 tube measured across X-Y and Z which is neg. 18 volts.

---

**BATTERY**

- **RED**: 6T7G
- **BLACK**: 657G
- **GND, ANT**: 657G

---

**Location of Tubes and Trimmers**

**Model No. 6B321**

**CHASSIS No. 5553**

<table>
<thead>
<tr>
<th>Operation</th>
<th>Connect Test Oscillator to</th>
<th>Dummy Antenna</th>
<th>Set Test Osc. to</th>
<th>Band</th>
<th>Set Dial At</th>
<th>Adjust Trimmers</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1st Det. Grid</td>
<td>1/2 Mfd.</td>
<td>455</td>
<td>Br'dc't</td>
<td>600</td>
<td>ABCD</td>
<td>I.F. Alignment</td>
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<tr>
<td>2</td>
<td>Rec. Ant. Post</td>
<td>200 Mmfd.</td>
<td>1500</td>
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<td>F</td>
<td>Set Osc. to Scale</td>
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<tr>
<td>3</td>
<td>&quot;</td>
<td>200 Mmfd.</td>
<td>&quot;</td>
<td>1500</td>
<td>&quot;</td>
<td>G</td>
<td>Alignment of Ant.</td>
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<tr>
<td>4</td>
<td>&quot;</td>
<td>200 Mmfd.</td>
<td>600</td>
<td>&quot;</td>
<td>600</td>
<td>J</td>
<td>Rock gang &amp; adj. for max. output</td>
</tr>
<tr>
<td>5</td>
<td>&quot;</td>
<td>200 Mmfd.</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
<td>FG</td>
<td>Repeat 2 &amp; 3</td>
</tr>
<tr>
<td>6</td>
<td>&quot;</td>
<td>400 Ohms</td>
<td>18000</td>
<td>S.W.</td>
<td>18000</td>
<td>K</td>
<td>Set Osc. to Scale</td>
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<tr>
<td>7</td>
<td>&quot;</td>
<td>400 Ohms</td>
<td>18000</td>
<td>S.W.</td>
<td>18000</td>
<td>L</td>
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<tr>
<td>8</td>
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<td>400 Ohms</td>
<td>6000</td>
<td>Police</td>
<td>6000</td>
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<td>Rock gang &amp; adj. for max. output</td>
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</tbody>
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