### Hudson Model DB48

**FACT. #6MH889**

**Hudson Model DB48**

**Trade Name:** Bakken, Model H446 (Factory Model 6MH889)

**Supplier:** Hudson Motor Car Co., Detroit, Mich.

**Type Set:** Battery-Operated Custom-Built Automotive Superheterodyne Receiver

**Tubes:** (6) 7AT9 IF Amp., 786 Det., 726C RF Amp., 786 Det.-AVC-AF, 6L6GT Power Output, 724 Rectifier.

**Power Supply:** 6 Volts Storage Battery

**Tuning Range:** Broadcast 540-1600Kc

**Eating:** 6 Amps; @ 6.3 Volts

#### Adjustment Instructions—Read Carefully Before Attempting Adjustment

For dummy antenna connect two 20ME capacitors in series and place across the output of the slug. Connect receiver antenna to the junction of the capacitors and connect low side of sig. gen. to chassis. This value of dummy antenna must be used to insure proper tracking when installed in car. If calibration is off after completing adjustments it can be corrected by loosening dial scale mounting screws and sliding scale to desired position. If screws are adjusted apply speaker cement to core screw threads.

Volume control should be at maximum position, output of signal generator should be no higher than necessary to obtain a 100% reading. Use an insulated alignment screwdriver for adjusting.

<table>
<thead>
<tr>
<th>Dummy Antenna</th>
<th>Signal Generator Coupling</th>
<th>Signal Generator Frequency</th>
<th>Radio Dial Setting</th>
<th>Output Meter</th>
<th>Adjust</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>High side to Pin 8 (grid) of 786. Low side to chassis.</td>
<td>100Kc</td>
<td>Meters</td>
<td>30, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>2</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>1120Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>3</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>1260Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>4</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>1600Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>5</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>2000Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>6</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>2500Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
<tr>
<td>7</td>
<td>See prev. high side to antenna. Low side to chassis.</td>
<td>3000Kc</td>
<td>Meters</td>
<td>25, 40, 60</td>
<td>25, 40, 60</td>
<td>Adjust for output.</td>
</tr>
</tbody>
</table>

#### Push Button Adjustment

There are six automatic tuning positions which may be adjusted to air desired stations. Adjust as follows:

1. Locate the first position by turning counter-clockwise with the fingers.
2. Turn manual tuning control to the desired station. Turn very carefully for clearest reception.
3. Depress first pushbutton and release. Tighten securely with fingers.
4. Repeat the procedure outlined above for the remaining positions.

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