

ALIGNING PROCEDURE MODEL AR-7

| OPERATION | SIGNAL GENERATOR | | DUMMY CAPACITY | SPECIAL INSTRUCTIONS | ADJUST PADDER |
|-----------|--|-------------------------------|----------------|--|---------------|
| | FREQUENCY | CONNECTION | | | |
| 1 | PRESS THE RETURN TO DIAL BUTTON UNTIL STATIONS CAN BE TUNED IN BY MANUAL TUNING. ADJUST THE AERIAL COMPENSATOR ② TWO TURNS FROM TIGHT. | | | | |
| 2 | 455 K.C. | To Grid of 6A7 Tube | .1 Mfd. | Turn Tuning Condenser Plates Out of Mesh as Far as They Will Go. | ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ |
| 3 | 1580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Note 2 | ⑩ |
| 4 | 1400 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 1400 K.C. | ⑪ Note 4 |
| 5 | 580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 580 K.C. | ⑫ Note 3 |
| 6 | 1580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Note 2 | ⑬ |
| 7 | 1400 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 1400 K.C. | ⑭ Note 4 |
| 8 | 580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 580 K.C. | ⑮ Note 3 |
| 9 | 1200 to 1400 K.C. | Note 5 | Note 5 | Note 5 | ⑯ |

Make all adjustments for maximum reading on the output meter.

NOTE 1 — Connect the aerial lead, Part No. 41-3191, to the aerial receptacle in the radio. Connect a 50 Mmfd. Condenser in series between the signal generator and the aerial lead.

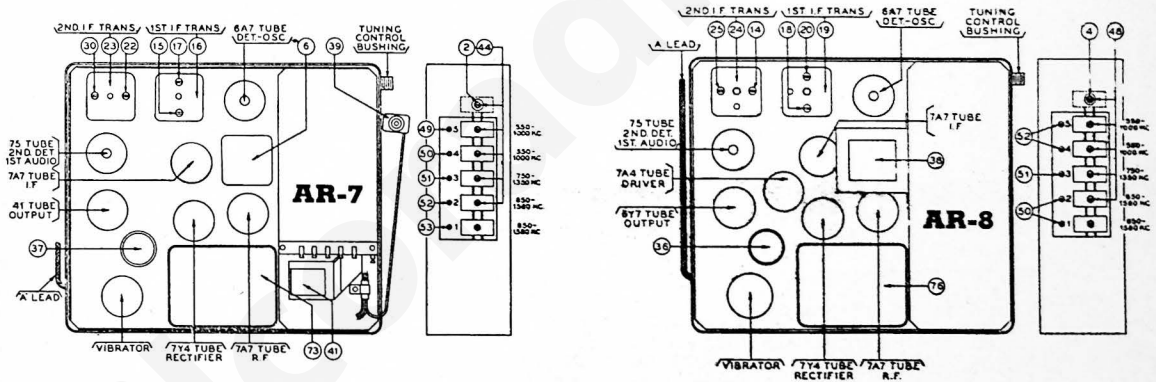
NOTE 2 — Turn the condenser rotor plates completely out of mesh as far as they will go.

NOTE 3 — Rock the tuning condenser while adjusting the low frequency padder. Tune the condenser to the signal and adjust the padder for maximum output. Rotate the tuning condenser back and forth slightly for maximum output. Then readjust the padder for maximum output. Repeat this procedure until no further improvement is noticed.

NOTE 4 — When the aerial stage adjustment is made with the Radio installed in the car, the Radio aerial lead must be connected to the car aerial in the usual manner. Connect the signal generator output lead to a wire placed near the car aerial but not connected to it.

NOTE 5 — When installing the radio in the car, follow the installation instructions carefully. Tune in a weak broadcast signal between 1200 and 1400 Kilocycles on the control scale. Remove the plug button on the end of the radio and adjust the aerial compensator ② (See Figure 3) for maximum signal.

NOTE 6 — When installing the radio in the car, follow the installation instructions carefully. Tune in a weak broadcast signal between 1200 and 1400 Kilocycles on the control scale. Remove the plug button on the end of the radio and adjust the aerial compensator ② (See Figure 3) for maximum signal.



MODEL AR-8

| OPERATION | SIGNAL GENERATOR | | DUMMY CAPACITY | SPECIAL INSTRUCTIONS | ADJUST PADDER |
|-----------|--|-------------------------------|----------------|--|---------------|
| | FREQUENCY | CONNECTION | | | |
| 1 | PRESS THE RETURN TO DIAL BUTTON UNTIL STATIONS CAN BE TUNED IN BY MANUAL TUNING. ADJUST THE AERIAL COMPENSATOR ④ TWO TURNS FROM TIGHT. | | | | |
| 2 | 455 K.C. | To Grid of 6A7 Tube | .1 Mfd. | Turn Tuning Condenser Plates Out of Mesh as Far as They Will Go. | ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ |
| 3 | 1580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Note 2 | ⑩ |
| 4 | 1400 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 1400 K.C. | ⑪ Note 4 |
| 5 | 580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 580 K.C. | ⑫ Note 3 |
| 6 | 1580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Note 2 | ⑬ |
| 7 | 1400 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 1400 K.C. | ⑭ Note 4 |
| 8 | 580 K.C. | To Aerial Receptacle on Radio | See Note 1 | Set Tuning Condenser at 580 K.C. | ⑮ Note 3 |
| 9 | 1200 to 1400 K.C. | Note 6 | Note 6 | Note 6 | ⑯ |