

SETTING UP AUTOMATIC TUNING

MODEL P-1617

PREPARING FOR AUTOMATIC TUNING ADJUSTMENTS

Turn on the Receiver and allow it to operate for TWENTY minutes before starting this procedure.

1—Try to tune in a station with the manual tuning control knob. If no station is received, press the Automatic Station Selector button and again try to tune in a station. Repeat if necessary until the Automatic Station Dial has rotated to a point where stations may be tuned in with the manual tuning knob. This point will be the "DIAL" position of the Automatic Station Selector and call letters may now be inserted in the dial.

2—Remove the right knob, gland nut cover, gland nut and bezel.

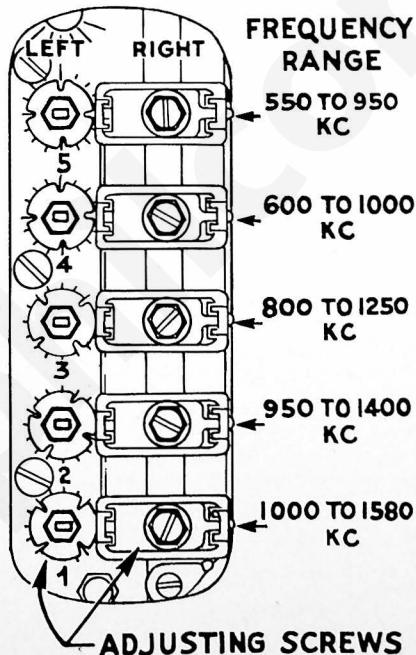
Remove the pilot lamp assembly from the automatic dial housing.

Remove the two screws in the front right side of the automatic dial housing. (These screws can be seen thru the opening in the instrument panel when the bezel is removed.)

3—Remove the Automatic Control Dial and assembly from the control units and drop it down below the edge of the instrument panel so that the dial is accessible.

4—Select and remove from the call letter sheets, the call letters of five popular stations received in the area in which the radio is to be operated, and that come within the frequency range of the adjusting screws as shown in Illustration for Model P-1617: Also remove the tab marked "DIAL."

5—Insert the "DIAL" tab in the slot in the dial which is now at the front. (The position just located by being able to tune in a station).



6—Hold the dial assembly against the edge of the instrument panel to complete the electrical connection and press the Automatic Station Selector button once. The dial will now rotate one position. The front slot is for the call letters of the station with the highest frequency in kilocycles.

Press the Selector button once more and insert the call letters of the station with the next highest frequency in kilocycles.

EXAMPLE: The first position may have a station operating on 1400 kilocycles; the second position, station operating on 1050 kilocycles, etc.

Repeat this procedure until all five station call letter tabs selected are inserted in the dial in the order of their frequencies. Be sure to record the call letters with respect to their position on the dial for use in setting up adjusting screws.

7—Replace dial assembly, dial assembly screws, bezel, gland nut, and knob.

8—Remove the plate on the end of the Receiver which covers the adjusting screws. This is held by snap springs and can easily be pried off.

AUTOMATIC TUNING ADJUSTMENTS

It is necessary to adjust the "LOW" frequency adjusting screws first.

Push the Automatic Selector Button until the word "DIAL" appears in the dial window. Tune in the broadcast station whose call letters are in the No. 5 position on the automatic dial (the lowest frequency station) and note the program.

Push the Automatic Selector Button five times and this station's call letters will appear in the dial window.

With a small screwdriver, turn the No. 5 adjusting screw in the left column to the right or left until the same station is tuned in. See illustration for Model P-1617. Now adjust the corresponding screw in the right column until maximum volume is obtained. Make these adjustments carefully, as it may be easy to pass by the loudest point on some stations.

Press the Automatic Selector Button until "DIAL" again appears in the window and tune in the station whose call letters are in the No. 4 position. Then press the automatic selector button four times and adjust the No. 4 set of adjusting screws.

Repeat this procedure until all five parts of adjusting screws have been set on their respective station. It is NECESSARY to recheck the setting of the adjusting screws to be sure they are properly set so that maximum performance may be had. Stations may be set up before installing the Receiver but final adjustment must be made with the radio operating on the antenna in the car.

If at any time the Stations set up on the Automatic Tuning Dial should tune in at the wrong position, the dial can be easily synchronized to the radio as follows:

1—Find "DIAL" position as explained in Paragraph 1, under "Preparing for Automatic Tuning Adjustments."

2—Remove the automatic cable from the socket on the end of the Receiver.

3—Press the Automatic Station Selector button until "DIAL" appears in the Automatic Window.

4—Replace automatic cable.