

# WESTERN AUTO SUPPLY COMPANY

# MODEL D-4118

## IF Alignment:

### Factory Model 4C11

1. Connect the high side of the signal generator through a .10 mfd capacitor to pin 1 of the IF amplifier (6BA6) tube. Apply a 400 cycle 30% modulated carrier of 455 KC at about 5,000 microvolts.
2. Set the volume control at maximum and adjust the top and bottom core of the second IF transformer for maximum output as indicated on the output meter.
3. Connect the high side of the generator to pin 7 of the 6BE6 converter tube. Set the generator output at about 100 microvolts.
4. Adjust the top and bottom core of the first IF transformer for maximum reading.

## RF Alignment:

1. Set the signal generator to 1620 KC at about 100 microvolts.
2. Turn the tuning control fully clockwise. (Gang open).
3. Adjust the oscillator trimmer on gang for maximum reading. See chassis view.
4. Connect the generator lead to the antenna input jack through a 50 mmf capacitor.

5. Set generator to 1400 KC. and tune in the receiver for maximum signal. Adjust the antenna trimmer for further increase in output level.
6. Tune receiver and generator to 600 KC. for maximum output and adjust antenna core (T-3) for further increase in output and best tracking. It may be necessary to repeat above procedure.

