WESTERN AUTO SUPPLY COMPANY Factory Model 4C11

IF Alignment:

- 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.
- 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.
- 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:

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DIAL LIGHT JACK (FOR REMOTE TUNER)

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TO TUBE

BATTERY

6.6 volts

* X * 6.4 VOLTS

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

VOLTAGE READINGS TAKEN BETWEEN POINTS INDICATED AND CHASSIS. VOLTABE INPUT - 6.6 VOLTS

1600 v

R 18

NOTE:

C-15 + C 17 . 250 mmfd

ONE COUPLATE.

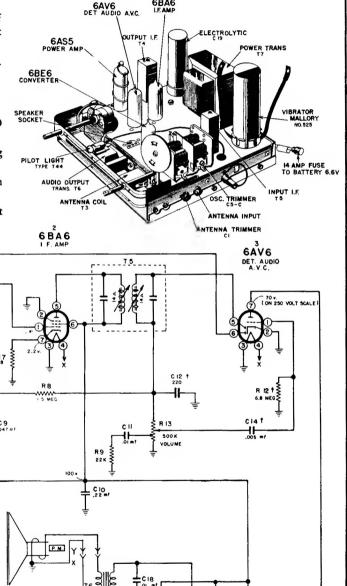
C12, C14, C15, C16, C17 and R12, R14, R15 ARE ALL IN

R 17

6BE6

MODEL D-4118

- 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.



C 20

† C17

6AS5

POWER AMP

R 14 1

C 16 1

-||-|m 200.

C15