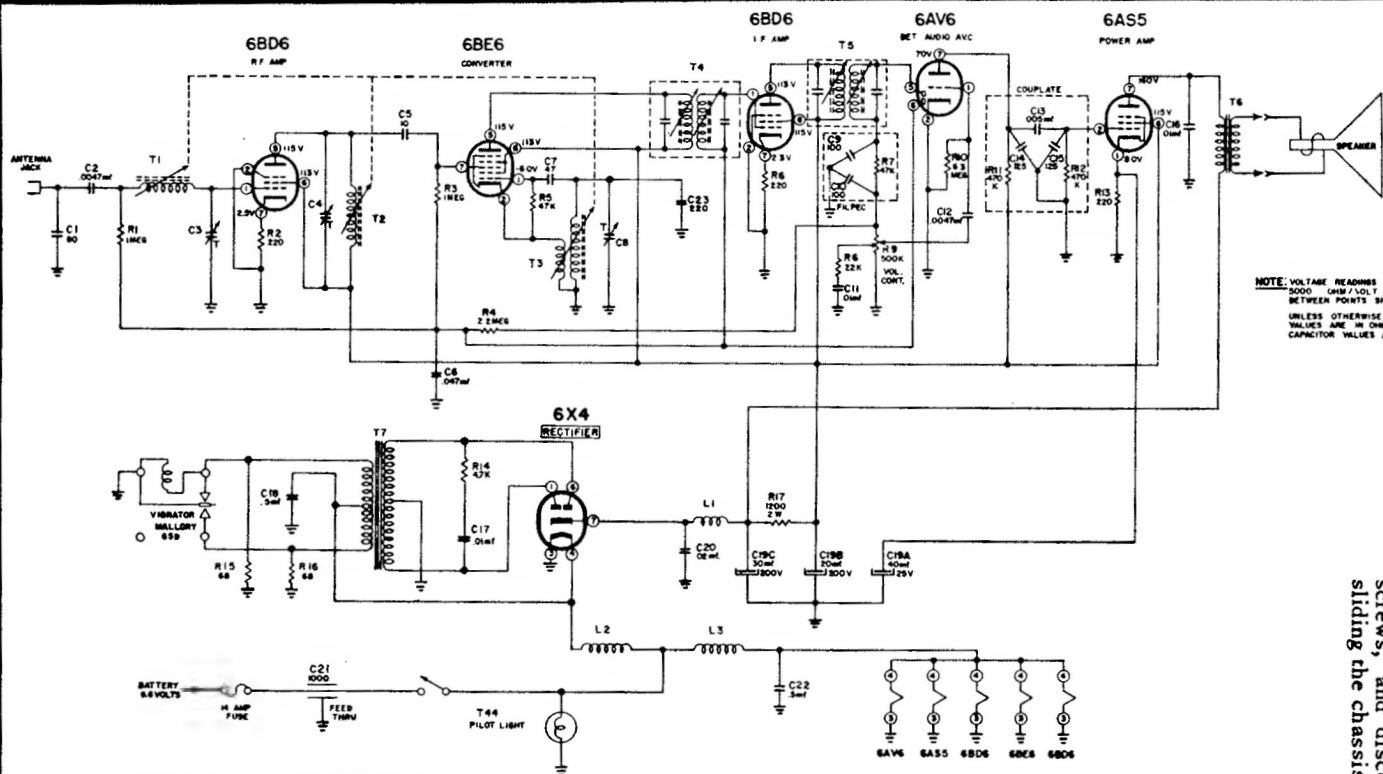


# Western Auto Supply Company MODEL NO. D4320 B

## REMOVING CHASSIS FROM CASE

The Chassis can be removed to permit service of Major Components, such as Vibrator, tubes, Capacitors, Resistors etc., by removing 3 Hex Head Mtg. screws, and disconnecting the Speaker leads and sliding the chassis out of the housing.



## ALIGNMENT PROCEDURE

Connect an output meter to the speaker leads. The output meter should present a load of 3.2 ohms.

Connect the ground lead of the signal generator to the chassis base.

### IF ALIGNMENT:

1. Connect the hot lead of the signal generator through a .10 mfd. capacitor to Pin 7 of the converter (6BE6) tube. Apply a 400 cycle, 30% modulated carrier of 455 KC at about 150 microvolts.
2. Set the volume control at maximum and adjust the top and bottom cores of the first and second IF transformers (T4 and T5) for maximum output, as indicated on the output meter. Keep signal generator level low.

### RF ALIGNMENT:

1. Set the signal generator to 1620KC and turn tuning control fully counter-clockwise.
2. Adjust oscillator trimmer C8 for maximum deflection.
3. Disconnect the hot signal generator lead and .10 mfd. capacitor and reconnect to the antenna jack through a 50 mmf capacitor.
4. Set the signal generator to 1300 KC and tune in the receiver for maximum reading on output meter. Keep signal generator level low.
5. Adjust antenna and R.F. trimmers C3 and C4 for maximum reading.

The tuner cores are adjusted and sealed at the factory, therefore core adjustments are not necessary.