

ALIGNMENT PROCEDURE

Volume control—Maximum all adjustments.

Connect B—of radio chassis (12SQ7-Pin 3) to ground post of signal generator through .1 Mfd. condenser.

SIGNAL GENERATOR

Frequency Setting	Dummy Antenna	Connection to Radio
455 Kc.	.1 MFD.	Connect to Metal Antenna Backplate
1720 Kc.	.1 MFD.	Connect to Metal Antenna Backplate
1720 Kc.	200 MMF.	Connect to Outside Antenna Clip
1400 Kc.	200 MMF.	Connect to Outside Antenna Clip
1720 Kc.	200 MMF.	Connect to Outside Antenna Clip

POSITION OF IRON CORES (Dial Setting)

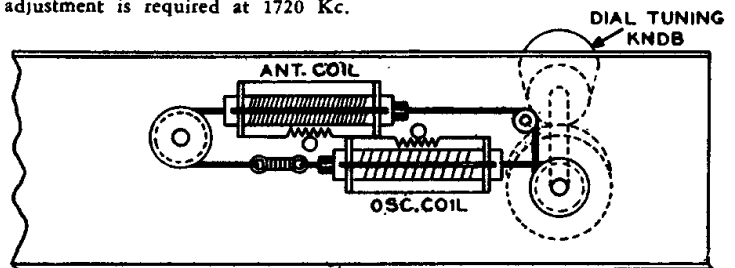
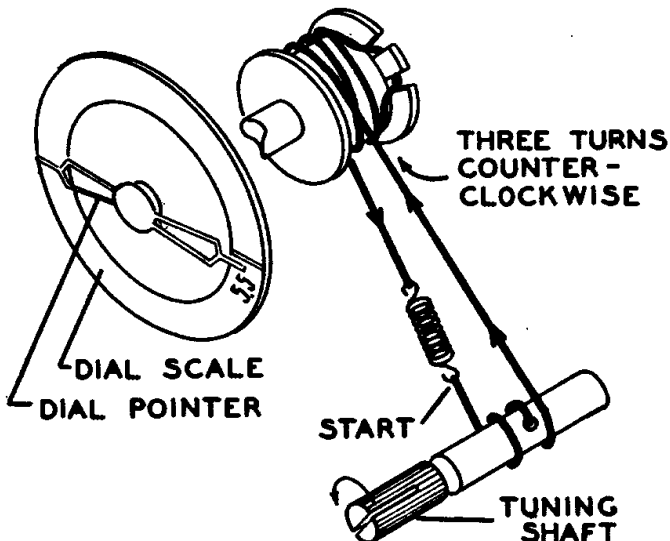
Iron Cores All the way out
Iron Cores All the way out
Iron Cores All the way out
Turn Dial to 1400 Kc.
Turn Dial to 1720 Kc.

ADJUST TRIMMERS TO MAXIMUM (in order shown)

Trimmers on output and input I. F. cans
Osc. Trimmer (C6) (See voltage chart)
Ant. Trimmer (C3) (See voltage chart)
Adjust position of antenna coil (See coil assembly view)
Adjust trimmer (C3) (See voltage chart)

NOTE "A"—The antenna coil assembly is made so that it is movable. When making the adjustment as given in the alignment procedure move the coil assembly very slowly. It can be moved by hand or by pivoting one edge of the blade of a screwdriver in the hole and engaging the blade in the gear teeth of the coil form.

NOTE "B"—After the antenna coil has been tracked at 1400 Kc. it is necessary to check the antenna trimmer (C3) adjustment again at 1720 Kc. If no appreciable change in trimmer adjustment is made the coil is in track. If the trimmer requires considerable change it will be necessary to again adjust the position of the antenna coil at 1400 Kc. These two adjustments should be tried several times until no change of trimmer adjustment is required at 1720 Kc.



Coil Assembly View

Belmont Radio
MODEL A-5D118