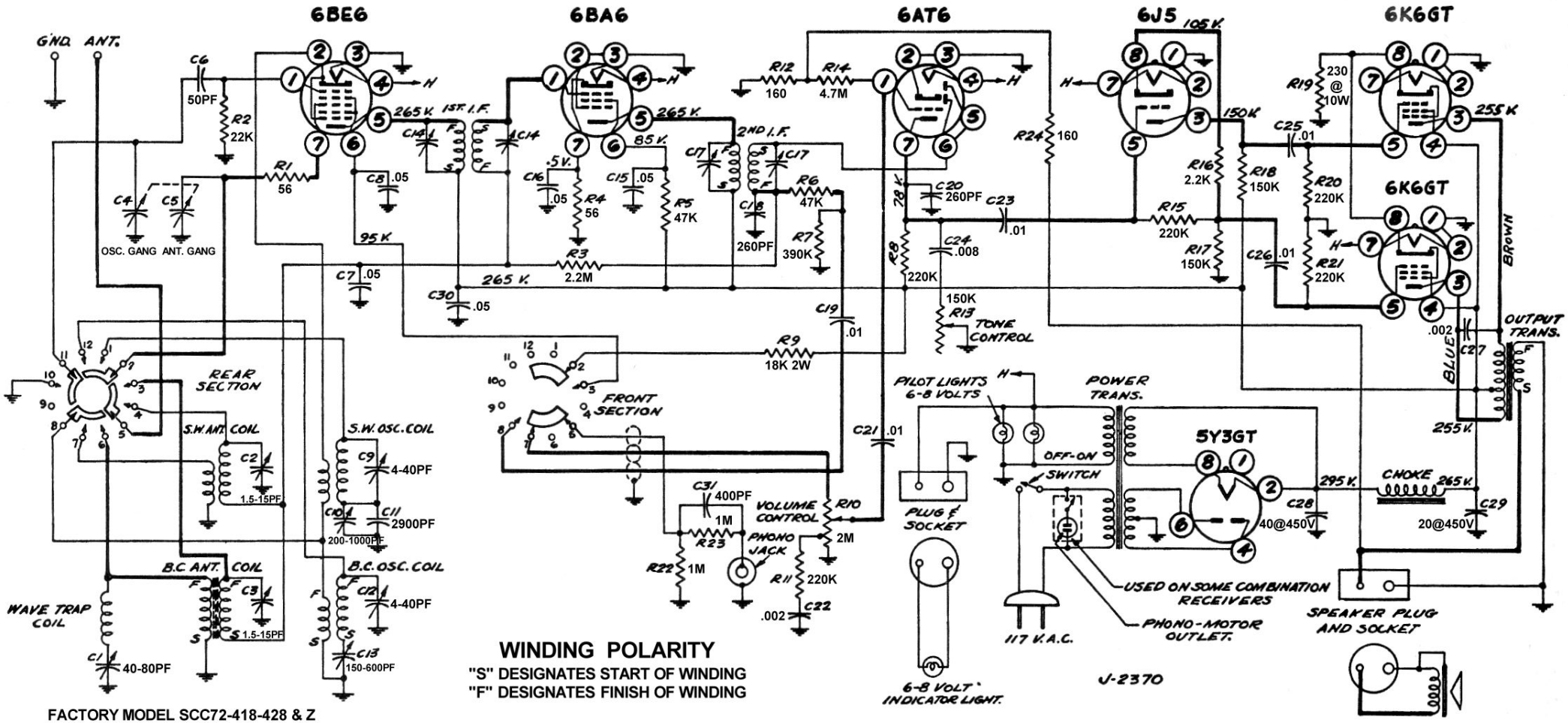


FACTORY MODEL SCC72-418-428 & Z
CUSTOMER MODEL 824W-2, M-2; 824W-6, M-6

WINDING POLARITY

"S" DESIGNATES START OF WINDING
"F" DESIGNATES FINISH OF WINDING

NOMINAL SENSITIVITY IN MICROVOLTS
FOR 500 MILLIWATTS OUTPUT
SIGNAL MODULATED 30% AT 400 CYCLES

SIGNAL FREQ.	SERIES DUMMY	TO ANT. TERM.	6BE6 GRID	6BA6 GRID
455 KC.	.05 μfd.	5000	60	4500
1000 KC.	200 μμfd.	8	80	
10 MC.	400 Ω	35	65	

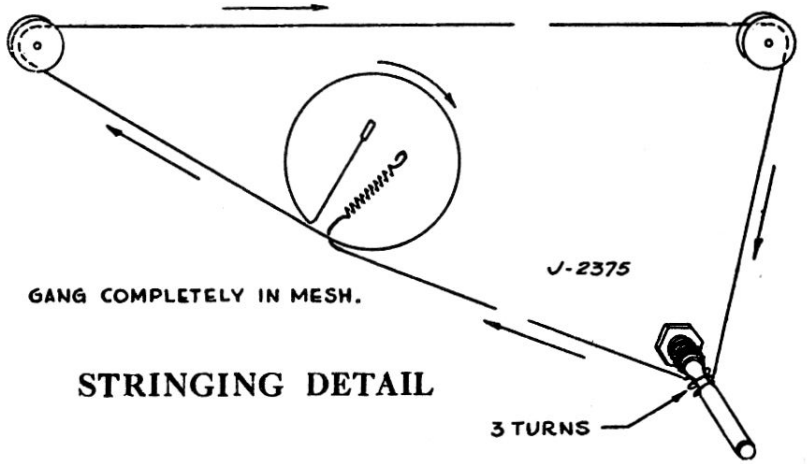
Note 1—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 16 M.C., fundamental will be obtained at minimum trimmer capacity.

Note 2—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.

ALL MEASUREMENTS TAKEN WITH 20,000 OHM/VOLT VOLTMETER WITH 117V. LINE.

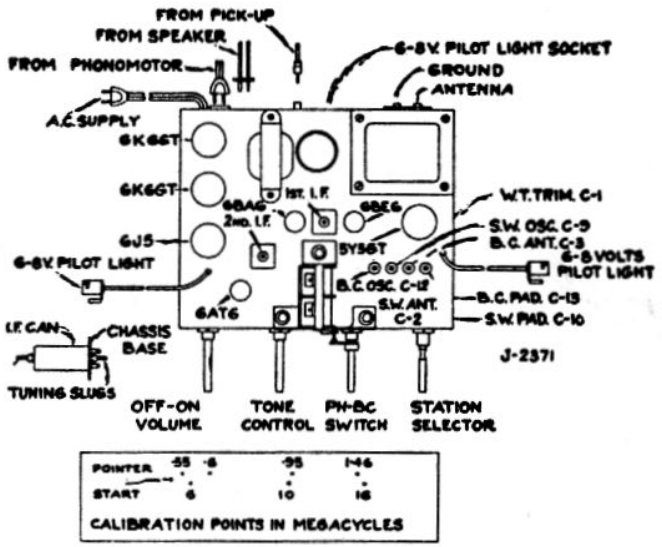
SELECTOR SWITCH SHOWN IN PHONO POSITION, EXTREME COUNTER CLOCKWISE.

Serenader 824



STRINGING DETAIL

Serenader 824 Alignment Information and Chassis Layout



FACTORY MODEL SCC72-418-428 & Z
CUSTOMER MODEL 824W-2, M-2; 824W-6, M-6

ALIGNMENT — PROCEED IN SEQUENCE LISTED

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment	Note
2nd I.F.	B.C.	Blocking Condenser .05 mfd.	Grid of 6BA6	1650 K.C.	455 K.C.	C-17	Maximum Output	
1st I.F.	B.C.	Blocking Condenser .05 mfd.	Grid of 6BE6 Convertor	1650 K.C.	455 K.C.	C-14 C-17	Maximum Output	
455 K.C.	B.C.	200 mmfd.	Antenna	1650 K.C.	455 K.C.	C-1	Minimum Output	
1460 K.C.	B.C.	200 mmfd.	Antenna	1460 K.C.	1460 K.C.	C-12 C-3	Maximum Output	
600 K.C.	B.C.	200 mmfd.	Antenna	600 K.C.	600 K.C.	C-13	Maximum Output	Rock Gang Slightly
16 M.C.	S.W.	400 ohm	Antenna	16 M.C.	16 M.C.	C-9 C-2	Maximum Output	
6 M.C.	S.W.	400 ohm	Antenna	6 M.C.	6 M.C.	C-10	Maximum Output	