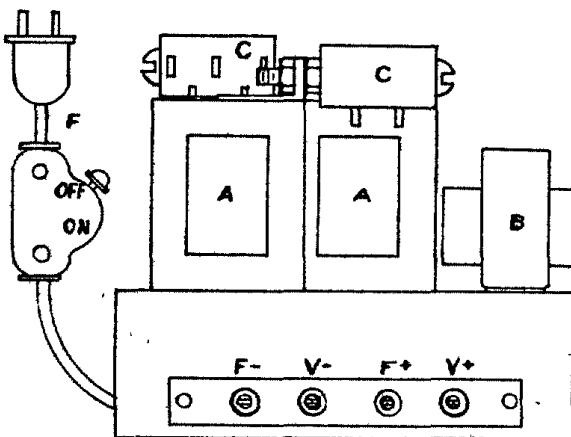
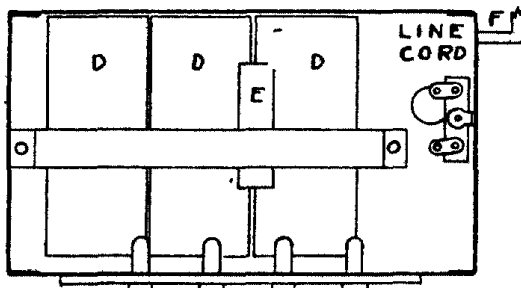


LOCATION OF PARTS IN CHASSIS
WIRING DIAGRAM FOR SILVERTONE MODEL 4709 POWER SHIFTER



LOCATION OF PARTS ON CHASSIS



CHARTS SHOWING OUTPUT OF POWER SHIFTER
WITH 120V-60 CYCLE LINE INPUT

RETAIL SELLING PRICES PREPAID
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

KEY PARTS NO. DESCRIPTION

KEY PARTS NO.	DESCRIPTION	SELLING PRICE EACH
A 1391018	POWER TRANSFORMER	\$1.80
B 1391019	FILTER CHOKE	1.35
C 1391020	RECTIFIER	4.20
D 1391017	CONDENSER 3000 MFD-6V	1.80
E 1391912	LINE CONDENSER .05 MFD 400V	.35
F 1391009	LINE CORD, SWITCH & PLUG	1.00
1391021	TERMINAL STRIP	.40
13920333	CHASSIS	.75
13920326	CHASSIS BOTTOM COVER	.25
13920330	CHASSIS TOP COVER WITH NAME PLATE	2.15
13920337	MOUNTING BRACKETS	.15
1391022	INSTRUCTION SHEET	

VIBRATOR SUPPLY

The vibrator supply, marked "v" on the terminal strip, is obtained from a full wave copper sulfide rectifier filtered by a single high capacity condenser. Terminal voltages for various loads are indicated on the load charts.

POWER DRAIN

The primary input with a single "v" or "f" supply loaded to 0.75 amperes is 17 watts, and with the two supplies in parallel and a 2.00 amp load the input watts are 30. At rated load of 3.0 amperes the primary drain is 43 watts.

TWO SEPARATE SUPPLIES

Several different basic designs in six volt single battery radios have made it necessary to provide separate supplies for the vibrator and for the filaments. This special design provides hum-free operation with proper installation of the Power Shifter. The two separate sources of D.C. power labeled "F" and "V" may be considered the equivalent of two separate six volt batteries.

SEPTEMBER 16, 1940

FILAMENT SUPPLY

The filament supply, marked "F" on the terminal strip, is obtained from a full wave copper sulfide rectifier feeding into a high capacity condenser input filter followed by a low resistance choke and another high capacity condenser.

SINGLE "F" OR "V" SUPPLY		"F" AND "V" IN PARALLEL	
AMPERES	VOLTS D.C.	AMPERES	VOLTS D.C.
0	7.54	0	7.50
.25	6.91	1.00	6.80
.50	6.62	1.50	6.30
.75	6.35	1.75	6.20
1.00	6.08	2.00	6.02
1.25	5.80	2.50	5.81
1.50	5.60	3.00	5.55