

Philco Radio & Television Corp.

Model: AR-40

Chassis:

Year: Pre March 1942

Power:

Circuit:

IF:

Tubes:

Bands:

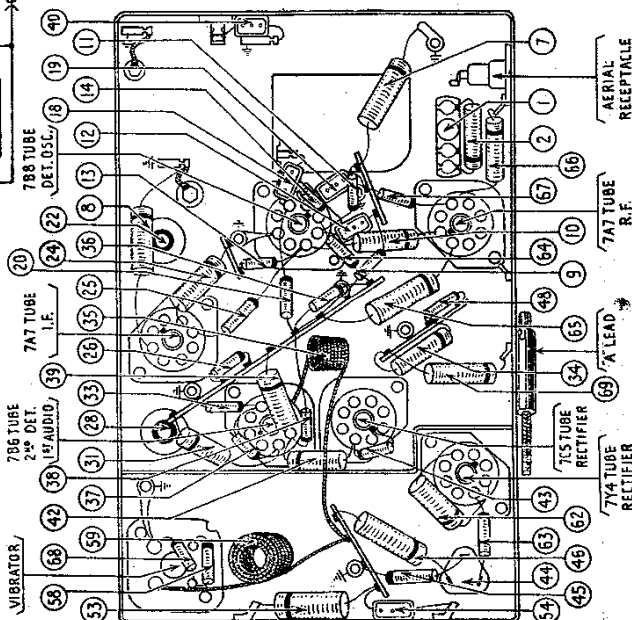
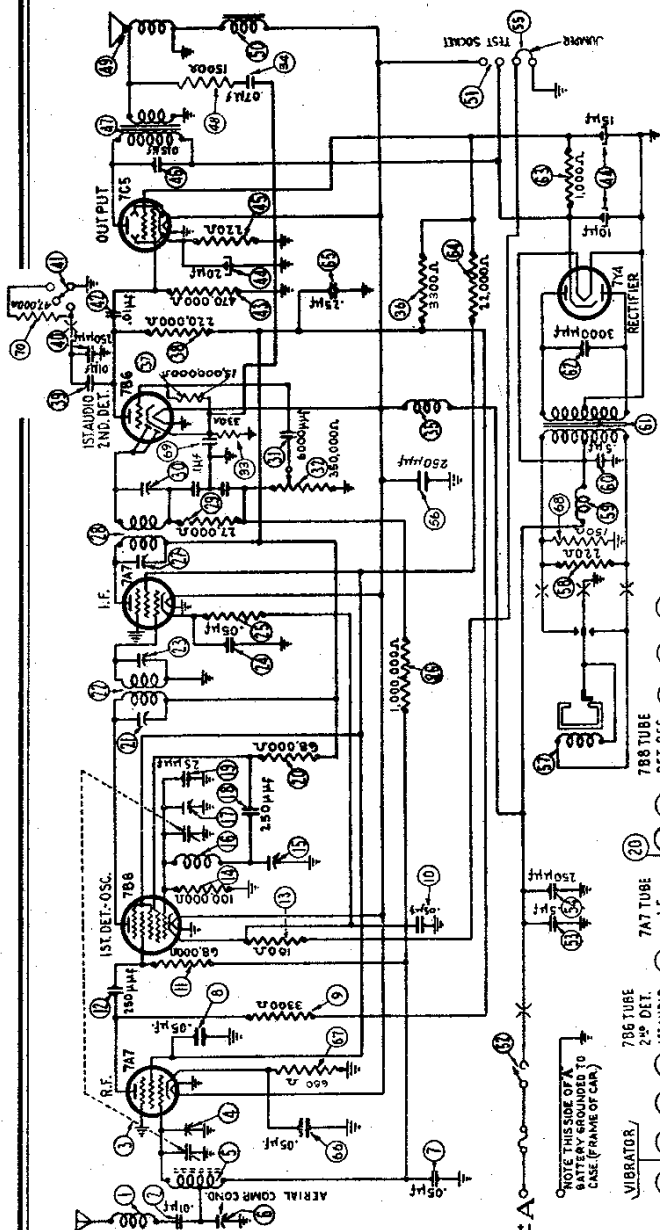
Resources

Riders Volume 13 - PHILCO 13-2

Riders Volume 13 - PHILCO 13-3

SCHEMATIC MODEL
AR-40
I.F. = 455 KC

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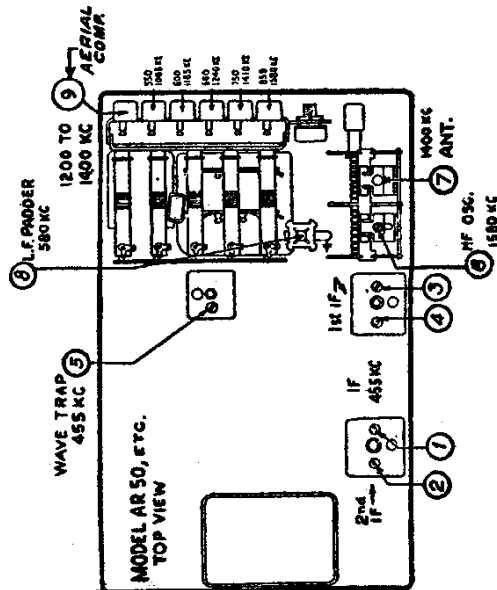
PHILCO RADIO & TELEVISION CORP.

MODEL AR-40
MODEL AR-45
MODEL AR-50
MODEL AR-55
MODEL AR-75

MODELS AR-50, AR-55, AR-75

Signal Generator Connection	Dummy Antenna	Signal Generator Frequency	Receiver Wave-band Switch	Receiver Dial Setting	Trimmer Number
Ant. recept.	0.1 mf	455 kc	...	Note 3	Note 2
"	"	"	...	"	1
"	"	"	...	"	2
"	"	"	...	"	3
"	"	"	...	"	4
"	"	"	...	"	1
"	"	"	...	"	2
"	"	"	...	"	3
"	"	"	...	"	4
"	"	"	...	"	5*
Note 5	10 mmf	1580 kc	...	"	6
"	"	1400 kc	...	"	7*
"	"	580 kc	...	"	8*
"	"	1580 kc	...	Note 3	6
"	"	1400 kc	...	"	7*
"	"	580 kc	...	"	8*
...	...	...	...	1200-1400 kc	9*

Note 1.—Push in right knob on the control until "D" appears in station indicator window so stations can be tuned in by manual tuning.
Note 2.—Adjust antenna compensator (9) two turns from tight position.
Note 3.—Turn condenser rotor plates completely out of mesh as far as they will go.
Note 4.—Adjust (5) for minimum output signal.
Note 5.—Connect antenna lead, Part No. 95-0185, to antenna receptacle in radio.
Note 6.—Connect a 10 mmf condenser in series between signal generator and antenna lead.
Note 7.—When antenna stage adjustment is made with radio installed in car, the radio antenna lead must be connected to car antenna in usual manner.



MODELS AR-40, AR-45

Signal Generator Connection	Dummy Antenna	Signal Generator Frequency	Receiver Wave-band Switch	Receiver Dial Setting	Trimmer Number
Ant. recept.	0.1 mf	455 kc	...	Note 2	Note 1
"	"	"	...	"	30
"	"	"	...	"	27
"	"	"	...	"	23
"	"	"	...	"	21
"	"	"	...	"	30
"	"	"	...	"	27
"	"	"	...	"	23
"	"	"	...	"	21
Note 3	10 mmf	1580 kc	...	"	17
"	"	1400 kc	...	"	4*
"	"	580 kc	...	"	15*
"	"	1580 kc	...	Note 2	17
"	"	1400 kc	...	"	4*
"	"	580 kc	...	"	15*
...	...	...	...	1200-1400 kc	6*

Note 1.—Adjust aerial compensator (6) two turns from tight position.
Note 2.—Turn condenser rotor plates completely out of mesh as far as they will go.
Note 3.—Connect antenna lead, Part No. 95-0185, to antenna receptacle in radio.
Note 4.—Connect a 10 mmf condenser in series between signal generator and antenna lead.
Note 5.—When antenna stage adjustment is made with radio installed in car, the radio antenna lead must be connected to car antenna in usual manner.
Note 6.—After installing radio in the car, tune in a weak broadcast signal between 1200 and 1400 kc and adjust aerial compensator (6) for maximum signal.
* While rocking.

