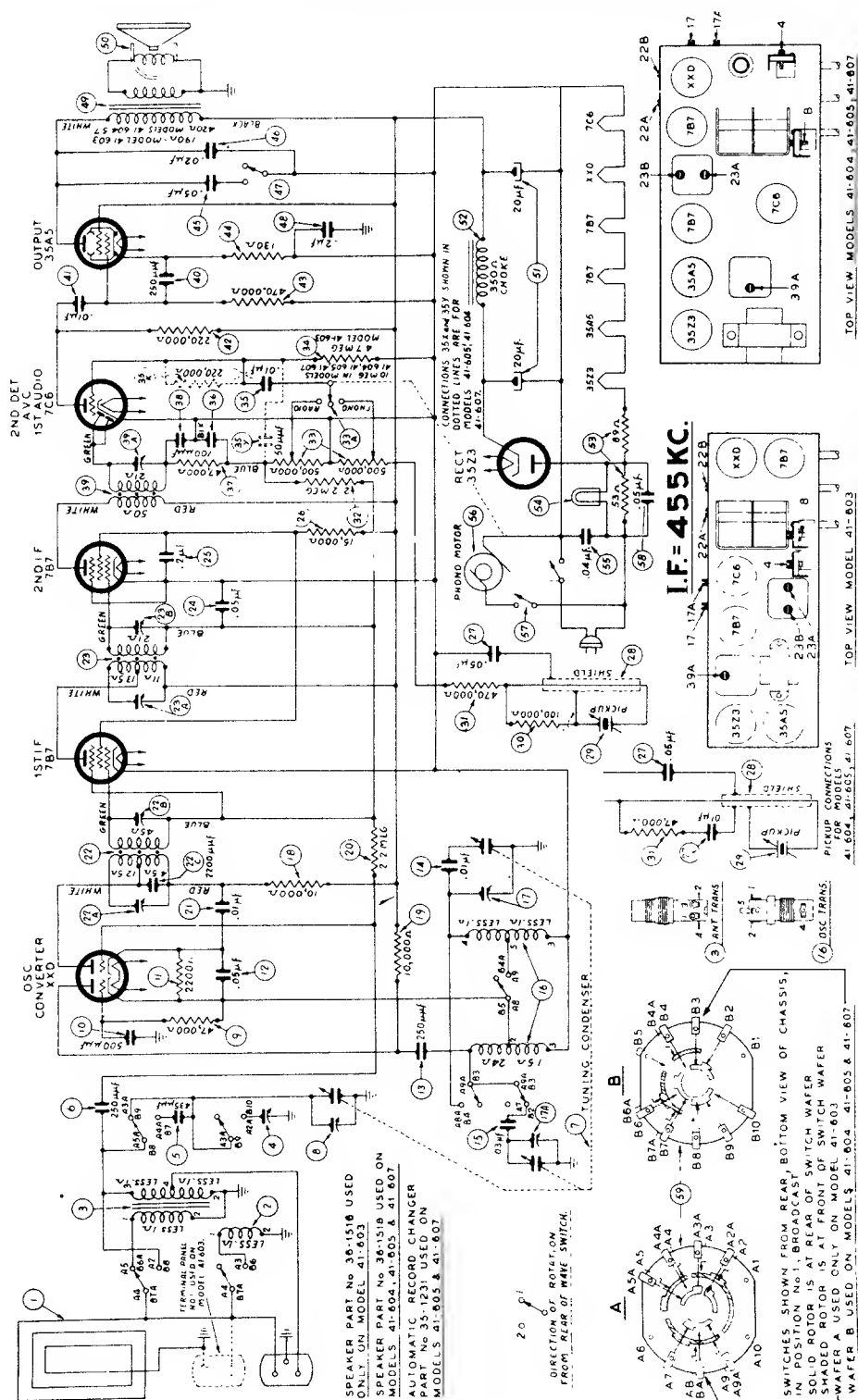


Philco Radio & Television Corp.

Philco Radio & Television Corp.			
	Model: 41-605	Chassis:	Year: Pre April 1941
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		
Resources			
Beitmans 1941 109			
Riders 12 (XII) PHILCO 12-72			
Riders 12 (XII) PHILCO 12-73			

MANUAL OF 1941 MOST POPULAR SERVICE DIAGRAMS



PHONOGRAPH SECTION

Models 41-008 and 41-004 use the same type phonograph mechanism. This mechanism consists of a manually operated crystal pickup which is mounted on a motor shaft. The motor is an automatic motor starting switch is included which starts the motor when the pickup is lifted from its rest.

Models 41-005 and 41-009 are similar to the 41-008 and 41-004 except that the pickup is mounted on an Automatic Record Changer which plays twelve to thirteen records at one time. The motor can also be manually operated. A crystal pickup is mounted on the motor shaft. The Automatic Record Changer is used in the same manner as the other models. The service procedure for adjusting the tone and volume controls is the same as for the other models.

Model 41-010 is a Record Changer will be found in Radio Service Manual No. 554.

JULY, 1940.

INTERMEDIATE FREQUENCY: 456 K. C.
POWER SUPPLY: 115 Volts, 60 cycle A. C.
POWER CONSUMPTION: 40 watts, Models
45 watts, Models

MODELS 41-280, 41-285, 41-287, 41-290(121)

The aerial paddler (2) must be adjusted to maximum by rolling the tuning condenser. If two signal peaks occur when turning the paddler, adjust to maximum output on the second signal peak from the tight position (screw all the way down) of the paddler.

MODELS 41-603. 41-604. 41-605. 41-607.



MODELS 41-604, 41-605, 41-607
PART LOCATIONS—UNDERSIDE OF CHASSIS

If the indicating meter pointer goes off scale when adjusting the compensators, reduce the strength of the signal from the generator.

NOTE B: When adjusting oscillator compensator 17A, tune for maximum on the first signal peak from Tight position (compensator closed). When adjusting the aerial paddler 4 of the high frequency tuning range; the receiver Tuning Condenser must be adjusted (rolled) as follows: First tune the compensator for maximum output, then vary the tuning condenser of the receiver for maximum output. Now turn the compensator slightly to the right or left to again obtain maximum output. This procedure of first setting the compensator and then rolling the tuning condenser must be carried out until maximum output reading is obtained.