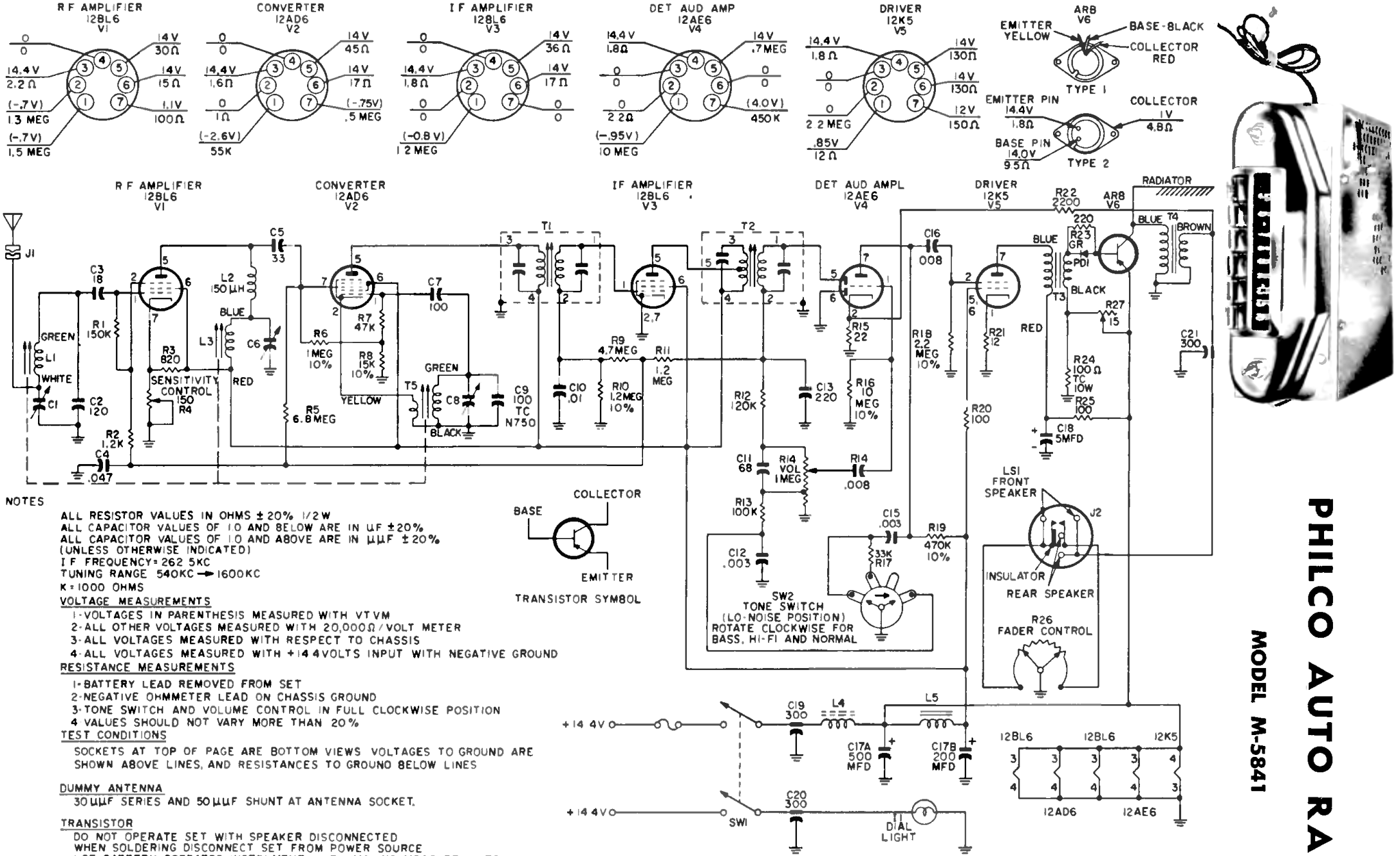

NOTES

ALL RESISTOR VALUES IN OHMS ±20% 1/2W
ALL CAPACITOR VALUES OF 1.0 AND BELOW ARE IN µF ±20%
ALL CAPACITOR VALUES OF 1.0 AND ABOVE ARE IN µµF ±20%
(UNLESS OTHERWISE INDICATED)
I F FREQUENCY = 262.5KC
TUNING RANGE 540KC → 1600KC
K = 1000 OHMS

VOLTAGE MEASUREMENTS
1-VOLTAGES IN PARENTHESIS MEASURED WITH VTVM
2-ALL OTHER VOLTAGES MEASURED WITH 20,000Ω/VOLT METER
3-ALL VOLTAGES MEASURED WITH RESPECT TO CHASSIS
4-ALL VOLTAGES MEASURED WITH +14.4 VOLTS INPUT WITH NEGATIVE GROUND

RESISTANCE MEASUREMENTS
1-BATTERY LEAD REMOVED FROM SET
2-NEGATIVE OHMMETER LEAD ON CHASSIS GROUND
3-TONE SWITCH AND VOLUME CONTROL IN FULL CLOCKWISE POSITION
4 VALUES SHOULD NOT VARY MORE THAN 20%

TEST CONDITIONS
SOCKETS AT TOP OF PAGE ARE BOTTOM VIEWS VOLTAGES TO GROUND ARE SHOWN ABOVE LINES, AND RESISTANCES TO GROUND BELOW LINES

DUMMY ANTENNA
30 µµF SERIES AND 50 µµF SHUNT AT ANTENNA SOCKET.

TRANSISTOR
DO NOT OPERATE SET WITH SPEAKER DISCONNECTED
WHEN SOLDERING DISCONNECT SET FROM POWER SOURCE
USE BATTERY OPERATED INSTRUMENT WHEN MAKING MEASUREMENTS

TRANSISTOR SYMBOL

POWER INPUT	2.2 amp. at 14.4 volts, d.c.
AERIAL	Vertical whip, fender mounting (30 *µµf.* series, 30 *µµf.* shunt)
INTERMEDIATE FREQUENCY	262.5 kc.

IMPORTANT: When connecting radio to "A" supply, either in car or on test bench, polarity must be observed. "A+" lead is positive, "A−" is chassis ground.

PHILCO AUTO RADIO MODEL M-5841

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MODEL M-5841