

Convertible "8" A.W.A. Car Radio/Portable

Models 950-A, 950-B, 951-A, 952-A & 953-A

Also Ford Model 982-A and Volkswagen Models 983-A and 984-A

These models are universal or tailored 8 transistor car radios which at the turn of a key convert to a self-contained lightweight 7 transistor portable. When the portable is returned to its cradle mount its batteries are automatically trickle charged.

Features of design include:

Permeability tuning; fully transistorised circuitry; printed board construction in portable chassis; automatic change-over from portable to car radio when inserted in housing cradle; telescopic aerial for portable use; nickel cadmium rechargeable cells in portable; dashpanel lock.

MODEL DESIGNATIONS

A.W.A. Model No.	Manufactured for	Where Used	Accessories Reference	Speaker	Aerial Assy. Car Radio	Operating Conditions
950-A	A.W.A.	Universal Under dash	950-A	7" x 5" 50064W	34739 or 36256	12V positive or negative earth
950-B	A.W.A.	Universal Under dash	950-B	6" x 4" 50053W	34739 or 36256	12V positive or negative earth
951-A	A.W.A.	VW 1200	951-A	7" x 5" 50064W	37444	6V negative earth
952-A	A.W.A.	Holden "EJ" Holden "EH"	952-A	9" x 6" 50035	34739 or 36256	12V negative earth
953-A	A.W.A.	VW 1500	953-A	6" x 4" 50053W	36256	6V negative earth
982-A	Ford	Falcon XL	XL-18805-P	7" x 5" 50144W	60585	12V negative earth
983-A	Volkswagen (Aust.)	VW 1200	VA-143	7" x 5" 50064W	37444	6V negative earth
984-A	Volkswagen (Aust.)	VW 1500	VA-179	6" x 4" 50053W	36256	6V negative earth

Frequency Range 525-1650 Kc/s (570-182 Metres)

Intermediate Frequency 455 Kc/s.

Battery Voltage (car radio) (see above table)

Battery Consumption 0.75A (12 Volts)

1.2A (6 Volts)

Battery Voltage (portable) 5 Volts

Batteries (4 off Eveready N46

Nickel Cadmium Cells)

Battery Consumption 12 mA zero output

60 mA full output

Loudspeakers:

Portable 3½" centre tapped

50127

(see above table)

Car Radio 80 ohms centre tapped

15 ohms

Undistorted Power Output

Portable 200 mW.

Car Radio (12 Volt models) 2.5 watts

(6 Volt models) 1.4 watts

Controls

Tuning Control, front right hand

On/Off Volume Control, front left-hand

Transistor and Diode Complement

AWV 2N1632, 2N1637 R.F. Amplifier

AWV 2N1636, 2N1639 Converter

AWV 2N1634, 2N1638 1st I.F. Amplifier

AWV 2N1634, 2N1638 2nd I.F. Amplifier

AWV 2N408 { A.G.C. Amplifier

{ Audio Driver (portable)

{ Audio Preamp. (car

radio)

AWV 2N217 (2 off) { Class B P-P Output

{ (portable)

{ Class A P-P Driver (car

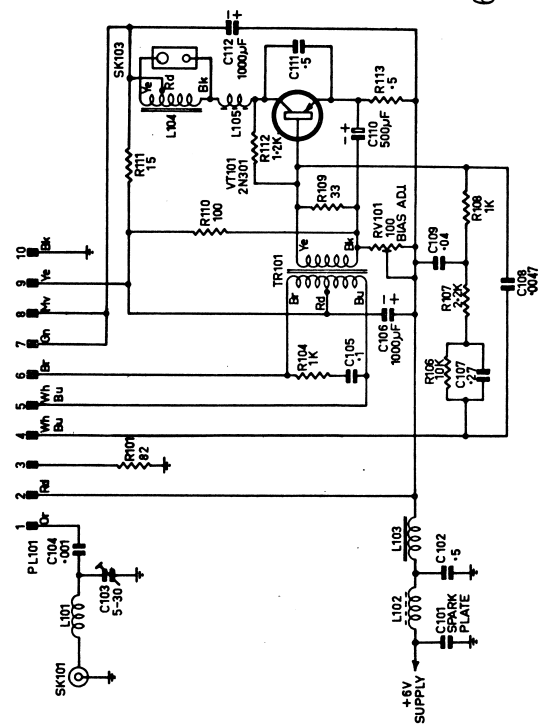
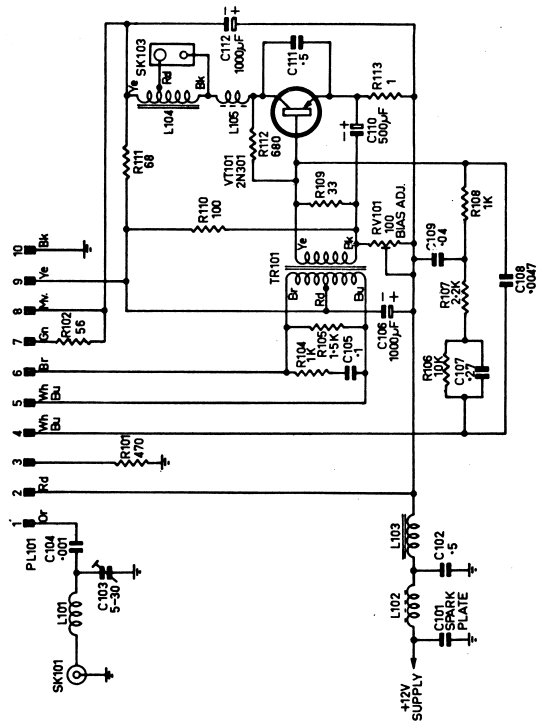
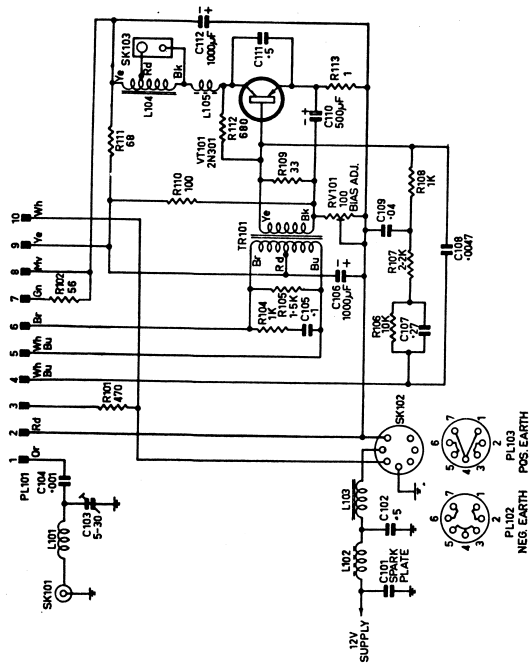
radio)

AWV 2N301 (in cradle) Class A Output (car

radio)

0A9D (3 off) Defector, Overload and

A.G.C. Delay



12 VOLT UNIVERSAL

12 VOLT NEGATIVE EARTH

VOLKSWAGEN