

GENERAL INFORMATION
 BANDSWITCH WAFERS ARE SHOWN IN 80 METER POSITION
 FUNCTION SWITCH IS SHOWN IN AM POSITION
 AVC SWITCH IS SHOWN IN OFF POSITION
 NOISE LIGHTER SWITCH IS SHOWN IN OFF POSITION

TROUBLESHOOTING INFORMATION
 ALL MEASUREMENTS MADE USING A HEATHKIT MODEL
 V-7A VACUUM TUBE VOLTMETER
 10% VARIATION IN READINGS SHOULD BE ALLOWED
 FOR DIFFERENCES IN METER CALIBRATION

VOLTAGES SHOWN ARE BASED ON USING THE MF-1
 TRANSISTOR POWER SUPPLY

BATTERY TERMINAL POTENTIAL IS 12.6 VOLTS. VARIATIONS
 WILL CAUSE CORRESPONDING DIFFERENCES IN READINGS

ALL VOLTAGES ARE BASED ON "NO SIGNAL" CONDITIONS
 WITH R.F. GAIN SET AT MAXIMUM

THE FOLLOWING OSCILLATOR GRID VOLTAGES ARE MADE
 WITH AN RF PROBE AT OSCILLATOR PIN 13

| | |
|-----------|---------|
| 80 METERS | - 5 V |
| 90 METERS | - 3 V |
| 30 METERS | - 6 V |
| 15 METERS | - 3.5 V |
| 10 METERS | - 3 V |

WIRING SHOWN IS FOR NEGATIVE GROUND
 VEHICLES

FOR POSITIVE GROUND VEHICLES SEE
 MODIFICATION SHEET ENCLOSED BEFORE
 COMPLETING WIRING OF CHASSIS POWER
 PLUG

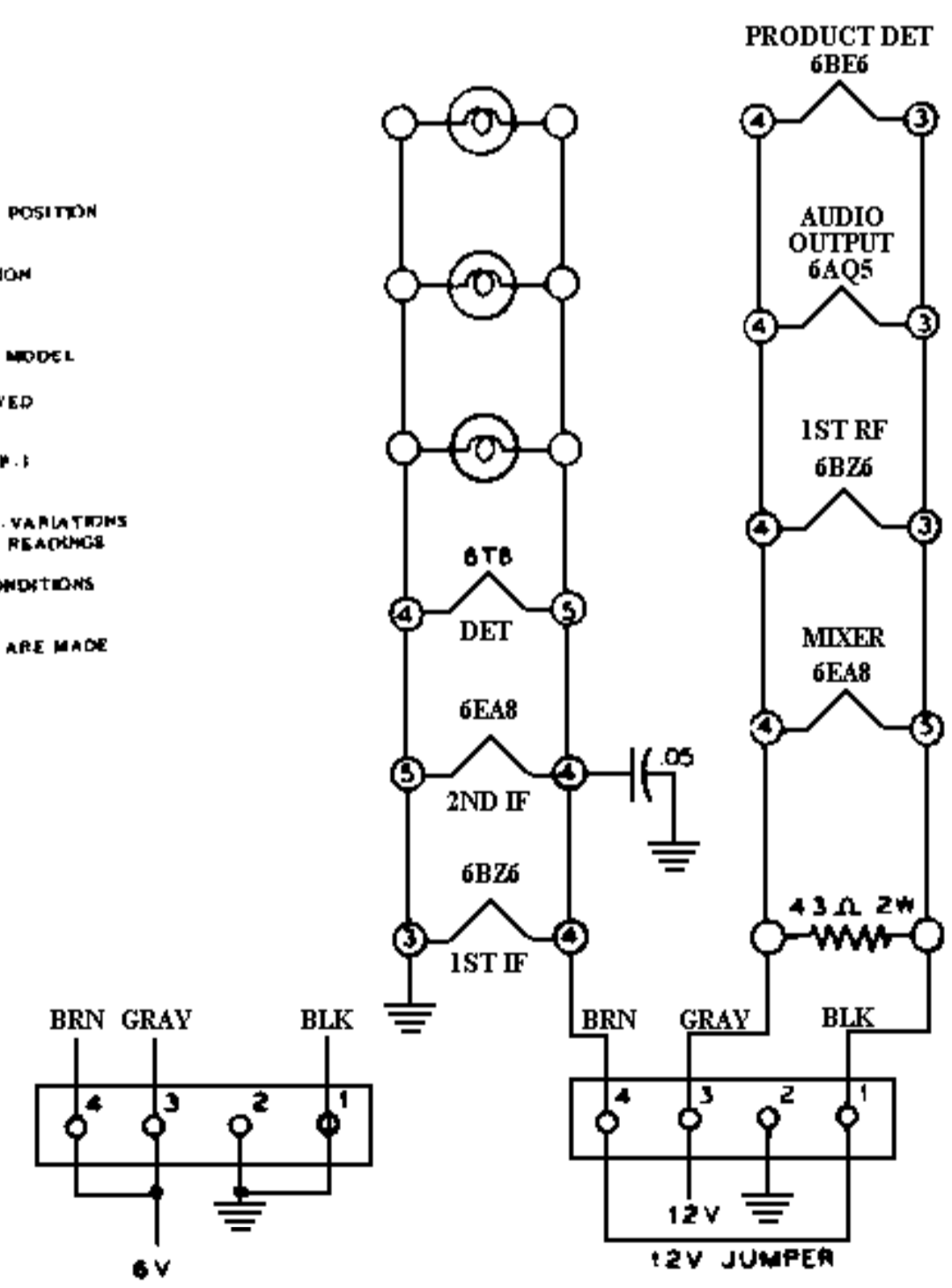


Diagram of Heath's „Comanche“, type MR-1.