40dB RISE FROM 1K TO 10K   MIDS OFF - BASS TREBLE FULL

2.  ALL CAPACITORS IN MICROFARADS, EXCEPT AS NOTED.

3.  ALL DIODES ARE TYPE 1N4003, EXCEPT AS NOTED.

4.  ALL OPEN GROUNDS ARE  A , EXCEPT AS NOTED.

5.  ADDED AS SECONDARY OPERATION.

BIAS SETS OK FOR POWER TUBES BUT
NO AMP FEEDBACK - EXTREME GAIN
SELECT SWITCH DOES NOT WORK-

GAIN / OUTPUT

FUNCTION | INPUT | FREQ | SPEAKER OUTPUT | TONE
---------|-------|------|----------------|-----
CH1      | 3mV   | 1K   | 45VAC 60 - 6K | ALL FULL
CH1      | 18mV  | 1K   | 45VAC 60 - 6K | ALL FULL
CH2      | 0mV   | 1K   | 52 VAC 60 - NIL | ALL CENTER
CH2      | 3mV   | 1K   | DRIVE STARTS TO CLIP
NEVER REC. | 18mV | 1K   | 45VAC 60 NO LOAD - 156R @ 10 Hz
NEVER DRIVE | 20mV | 1K   | WITH 15VAC 60 - NIL. 14.248 @ 100N
CH1 HI FREQ RISE | 0mV (VOL @ 2) | ALL TONE FULL, 26dB
CH1 - VOL @ 2 | 26dB RISE FROM 1K TO 10K ALL TONE FULL
NO AMP FEEDBACK - EXTREME GAIN
SELECT SWITCH DOES NOT WORK-
NO VOLTAGE ON RELAY

NOTES UNLESS OTHERWISE SPECIFIED.

ADDED AS SECONDARY OPERATION.
4.  ALL OPEN GROUNDS ARE EXCEPT AS NOTED.
3.  ALL DIODES ARE TYPE 1N4003, EXCEPT AS NOTED.
2.  ALL CAPACITORS IN MICROFARADS, EXCEPT AS NOTED.
1.  ALL RESISTORS ARE 1/4W, EXCEPT AS NOTED.

Production Assembly Revision History

(H1): Change H3 to a 4 pin Header ribbon.
2.  As PCB were to get Spade Connects.
3.  Remove all unused parts.

NOTE UNLESS OTHERWISE SPECIFIED.

CARVIN
VINTAGE 50
ALL TUBE GUITAR AMP

DRAWN BY: D. MCORIE DATE: 2FEB94
APPROVED: DATE: 01FEB94

INSPCTION FOR

PROBLEM | INSPECTION FOR
---------|---------------------
BIAS SETS OK FOR POWER TUBES BUT
CAN'T GET ANY SIGNAL FROM VS TO VS-9 | SOLDER BRIDGE
SQUARE WAVE OSCILLATOR AT SPKR OUT | SOLDER BRIDGE
NO AMP FEEDBACK - EXTREME GAIN | SOLDER BRIDGE
SELECT SWITCH DOES NOT WORK-WORK NO VOLTAGE ON RELAY | SOLDER BRIDGE