SIDE VIEW

PIN 1 = HOT FROM PIEZO #1
PIN 2 = GND FROM PIEZO
PIN 3 = HOT FROM PIEZO #2

PIN 4 = MAGNETIC P/U V+ RED
     IF 3 PIN CONNECTOR USED

PIN 5 = GND FROM PICKUP
PIN 6 = SIGNAL FROM PICKUP

PIN 7 = NOT USED N/C
PIN 8 = TO BATTERY (+)
PIN 9 = TO BATTERY (-)

PIN 10 = TO JACK GND
PIN 11 = TO JACK TIP
PIN 12 = V- TO JACK RING

ADJUSTMENT FOR PIEZO (TREBLE STRINGS) PICKUP

ADJUSTMENT FOR PIEZO(BASS STRINGS) PICKUP

ADJUSTMENT FOR MAGNETIC PICKUP

VR1 VR2 VR3

9V

9V

+ −

+
−

PCB PIN 9

PCB PIN 11
PCB PIN 10
PCB PIN 12

PCB PIN 8

RED WIRE FROM MAGNETIC PICKUP

FROM MAGNETIC PICKUP(EMG-40P5)

FROM PIEZO BRIDGE PICKUPS

PCB PIN 6 (HOT)
PCB PIN 5 (GND)
PCB PIN 1
PCB PIN 2
PCB PIN 3

A25K

A25K (2X)

B50K
Center Detent

B50K
Center Detent
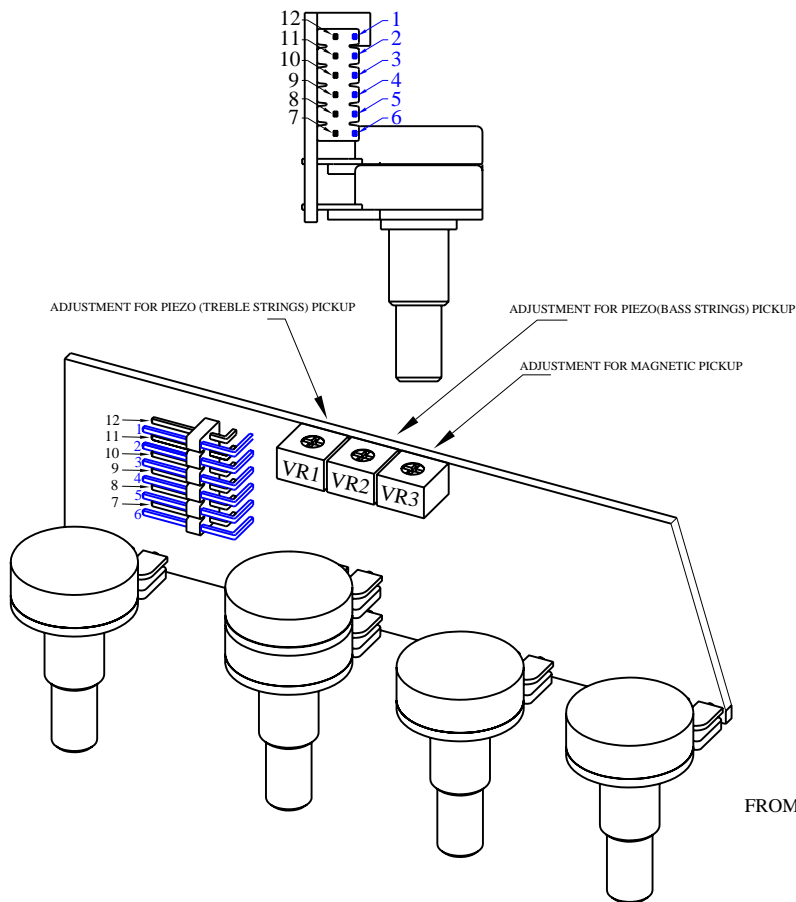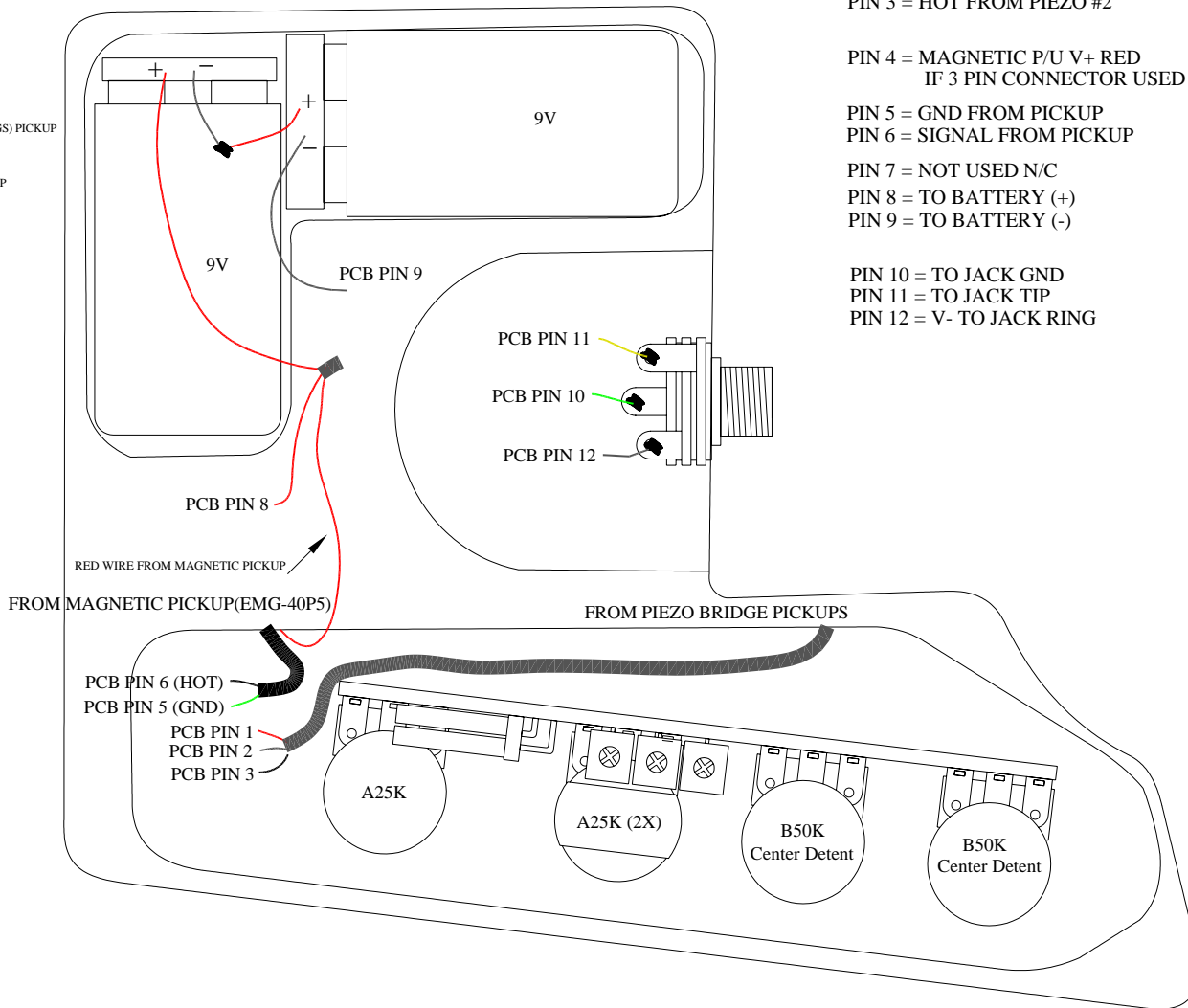
OUTPUT VOLUME ADJUSTMENT

TO SET PREAMP FOR PROPER OUTPUT LEVEL
TURN TRIM POTS VR1, VR2 AND VR3 TO MAXIMUM VOLUME
OUTPUT VOLUME OF BOTH PIEZO PICKUPS AND MAGNETIC PICKUP
SHOULD BE EQUAL. REDUCE VOLUME OF LOUDER PICKUP
BY ADJUSTING TRIM POT IF NECESSARY TO BALANCE OUTPUT.

LTR	REVISION	PCA NO.	DATE	STEINBERGER 645 MASSMAN DRIVE NASHVILLE, TN 37210 (615) 871-9585	PART: WIRING DIAGRAM - Steinberger Synapse EMGSYN-B-1 (BASS)		
A	12 PIN HEADER/NEW PIN OUT (EMG PCB rev E)		8/19/04		SCALE:	DATE: 8/19/04	MAT'L: N/A
					DRAWN: Richard Akers	CHK:	PART NO.: DIASYNB