

**CONSTANT HIGH VOLUME –
CANNOT BE ADJUSTED AT VOLUME CONTROL**

1. *Volume Control* – Disconnect volume control plug from amplifier chassis. No sound indicates that there is a short in the volume control line.
2. *Preamp* – If there is full volume with control plug disconnected, replace the preamplifier board.

EXCESSIVE RECORD SCRATCH

1. *Worn Records* – Replace worn records.
2. *Damaged Stylus* – Make sure that the stylus is not worn or broken; replace if necessary. Check Stylus force.

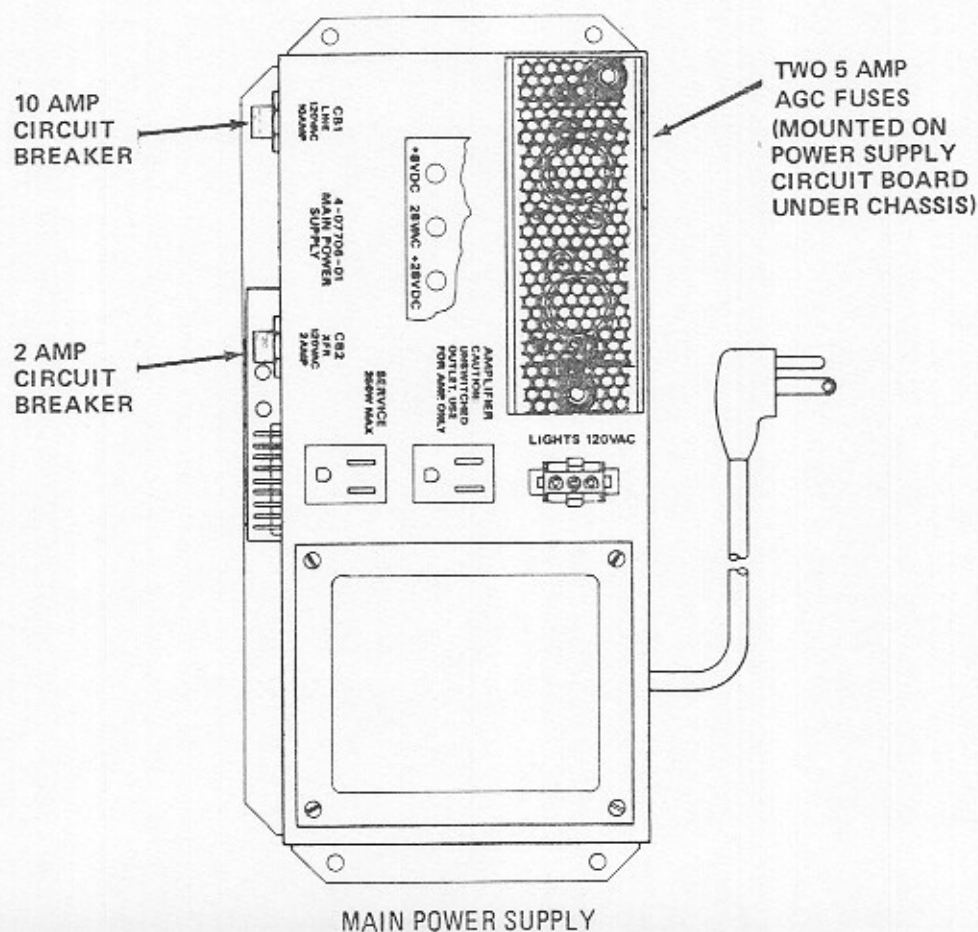
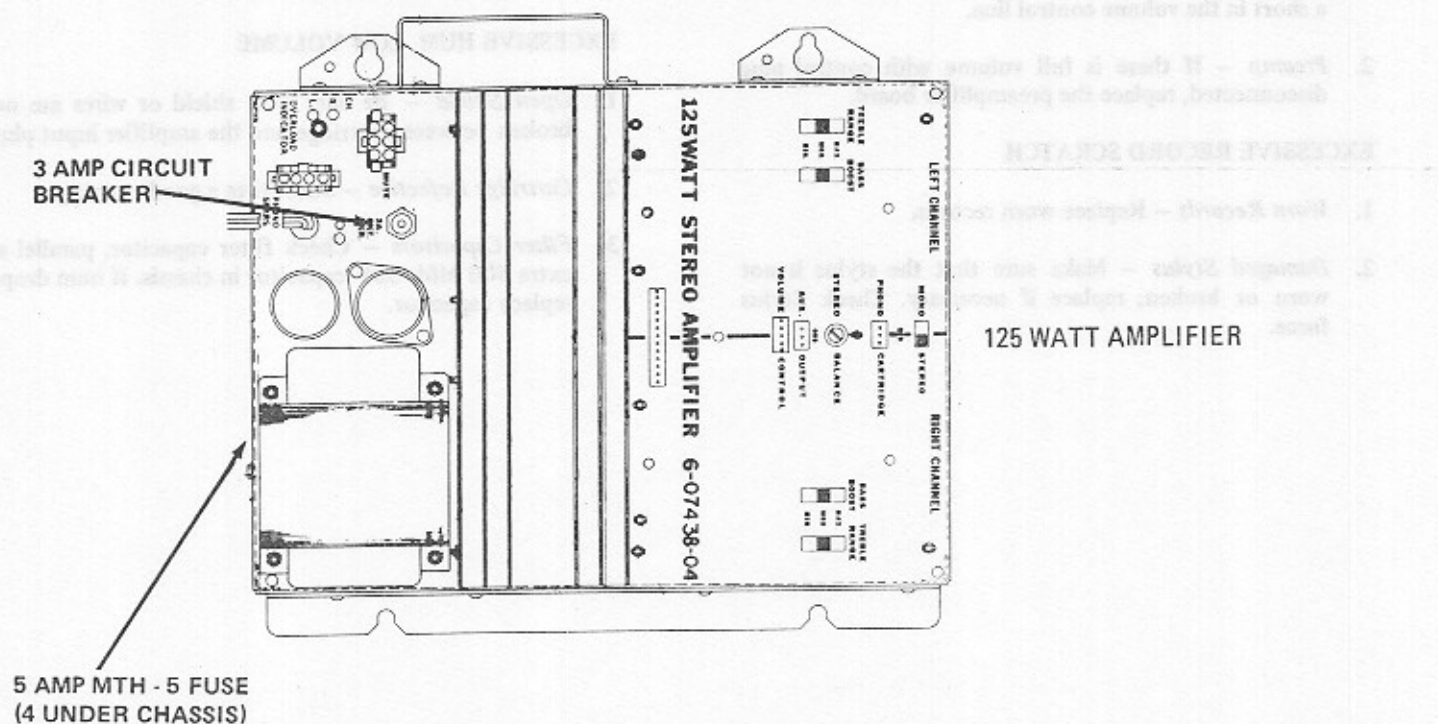
3. *Treble Range Control Too High* – Reduce setting of control for worn or noisy records.

EXCESSIVE HUM, LOW VOLUME

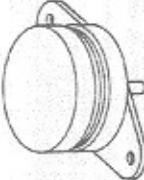
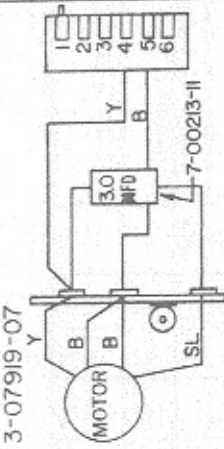
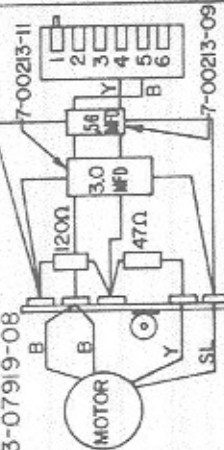
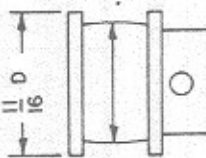
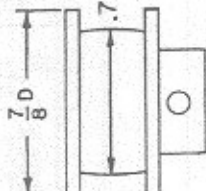
1. *Open Shield* – Be sure that shield or wires are not broken between cartridge and the amplifier input plug.
2. *Cartridge Defective* – Substitute a good cartridge.
3. *Filter Capacitors* – Check filter capacitor, parallel an extra 500 Mfd. 50V capacitor in chassis. If hum drops, replace capacitor.

SECTION 5- ADDITIONAL INFORMATION

PHONOGRAPH FUSES AND CIRCUIT BREAKERS

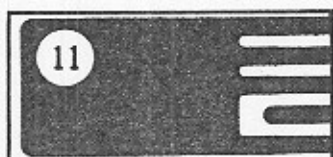
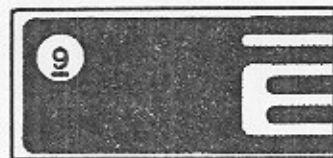


MAIN POWER SUPPLY
LOCATION OF FUSES AND CIRCUIT BREAKERS

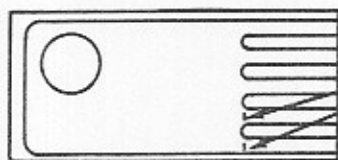
<p>TURNTABLE MOTOR PART NUMBER AND IDENTIFYING FEATURES</p>  <p>3-07920-04, MFG. BY NORTH AMER. PHILIPS, LABELED A81743-M5, HAS FLAT BOTTOM COVER NO FLAT ON SHAFT.</p>	<p>60Hz MOTOR ASSEMBLY ACTUAL CAPACITORS SHOWN ARE TYPICAL. TOTAL CAP. VALUES MAY HAVE BEEN OBTAINED BY OTHER COMBINATIONS. CAPS. ARE 100V.</p>  <p>3-07919-07</p>	<p>50Hz MOTOR ASSEMBLY ACTUAL CAPACITORS SHOWN ARE TYPICAL. TOTAL CAP. VALUES MAY HAVE BEEN OBTAINED BY OTHER COMBINATIONS. CAPS. ARE 100V, RESISTORS 2W.</p>  <p>3-07919-08</p>
	<p>60 Hz</p>  <p>CLEAR ANODIZED ALUMINUM</p> <p>T.T. MOTOR PULLEY 2-18178-01</p>	<p>50 Hz</p>  <p>RED ANODIZED ALUMINUM</p> <p>T.T. MOTOR PULLEY 2-18178-02</p>

COMPATIBILITY CHART

PART #	DESCRIPTION	R-84	R-85	R-86	R1-3	R1-4, R1-5	COMMENTS	PRICE BOARD			
								6-0878-01	6-0878-02	6-0878-03	6-0878-04
6-0878-01	CHIP	STO	STO	STO	NOTE A	NOTE A	A. OK - SAME FEATURES AS R-84	STO	STO	STO	NOTE A
6-0878-02	NOISE	STO	STO	STO	NOTE A	NOTE A	B. OK - SAME FEATURES AS R-85 IF -03 OR -04 PRICE BD.	STO	STO	STO	NOTE A
6-0878-03	NOISE	STO	STO	STO	NOTE A	NOTE A	C. OK - SAME FEATURES AS R-84 IF -01 OR -02 PRICE BD.	NOTE D	NOTE D	NOTE D	NOTE D
6-0878-04	NOISE	STO	STO	STO	NOTE A	NOTE A	D. 010265 353 & 354 NOT AVAIL. #353 GIVES 160 PLAYS	NOTE D	NOTE D	NOTE D	NOTE D
6-0878-05	NOISE	STO	STO	STO	NOTE A	NOTE A	E. OK BUT SAME PRICE FEATURES AS R-84				
6-0878-06	NOISE	STO	STO	STO	NOTE A	NOTE A	F. OK BUT SAME PRICE FEATURES AS R-84 UNLESS COMPATIBLE COMPUTER BOARD USED.				
6-0878-07	NOISE	STO	STO	STO	NOTE A	NOTE A	G. ADDED CR. LEVEL RATIOS. ADDED 16 PLAY DIOSE. CHANGED 120 TO 160 PLAY (LABELLED R1-3) = 6-0878-05.				
6-0878-08	NOISE	STO	STO	STO	NOTE A	NOTE A	H. 6-08983-03 PIECE BACKS ALTERNATE USING PROB.				
6-0878-09	NOISE	STO	STO	STO	NOTE A	NOTE A	I. NEEDS SPECIAL T.A. CABLE AND V. CONTROL (INCLUDED IN KIT)				
6-0878-10	NOISE	STO	STO	STO	NOTE A	NOTE A	J. NEEDS SPECIAL ADAPTOR HARNESS				
6-0878-11	NOISE	STO	STO	STO	NOTE A	NOTE A	K. OK REPLACE RECH MOUNT PLATE AND POINT TO BOTTOM FRAME.				
6-0878-12	NOISE	STO	STO	STO	NOTE A	NOTE A	L. OK MOUNT TO BOTTOM BRACKET.				
6-0878-13	NOISE	STO	STO	STO	NOTE A	NOTE A	M. 4-65087-01 = 120V, 4-65084-02 = 220V, 4-65087-03 = 240V.				
6-0878-14	NOISE	STO	STO	STO	NOTE A	NOTE A	N. 4-65092-01 = 120V, 4-65092-02 = 220V, 4-65092-03 = 240V.				
6-0878-15	NOISE	STO	STO	STO	NOTE A	NOTE A	P. INTERCHANGEABLE				
6-0878-16	NOISE	STO	STO	STO	NOTE A	NOTE A	Q. USE R-86 POWER HARNESS FOR BA-5, 3-50691-02				
6-0878-17	NOISE	STO	STO	STO	NOTE A	NOTE A	R. USE R-85 POWER HARNESS FOR BA-5, 3-50691-01				



INDIVIDUAL PRICING CHIP 2-18507-01/16



CHIPS MAY BE CHANGED
BY CUTTING RUNNERS