

12-25. Input & Output Level Checks of REC/P.B. Connector

Connection:
As shown in Fig. 12-34.

Switch Setting:

MONITOR switch.....TAPE

VR Setting:

MIC VOLUME.....indicated on page 25

Procedures:

- (1) Deliver a 1 KHz signal of -33 dB (17.5 mV) to terminal No. ① (L-CH) or ② (R-CH) of the rec./p.b. connector shown in Fig. 12-35.

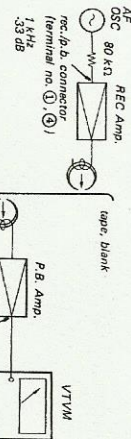


Fig. 12-34 Input & output checks setup of REC/P.B. connector

- (2) Place the machine in record mode.
- (3) Be sure that the reading on the VTVM connected to the terminal No. ③ (L-CH) or ④ (R-CH) of the rec./p.b. connector is -5~-1 dB (0.44~0.7V).
- (4) Set the MIC VOLUME to the maximum position and adjust the signal level of the audio oscillator to obtain 0dB (0.775V) on the VTVM and be sure that the signal level on the audio oscillator is less than -40dB (7.7 mV).

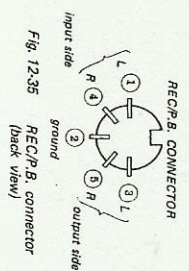


Fig. 12-35 REC/P.B. connector (back view)

13. CONVERSION TO DIFFERENT POWER LINE FREQUENCY

If the deck is to be operated on a line frequency different from the frequency for which the deck is adjusted, it may be easily converted. (Remove the reel panel for access.)

FIRST: Using a screw-driver, turn the line frequency switch (S305) to the correct position for the power to be used (50 or 60 Hz). See Fig. 13-1.

SECOND: Replace the motor pulley as follows:

1. Remove the Instant Stop adjusting plate and withdraw the Instant Stop pull rod.
2. Remove the two screws which hold the motor pulley and take the pulley off of its shaft.
3. Replace the motor pulley with the correct diameter pulley for the line frequency to be used. ALWAYS replace the pulley with the same marking (i.e., "+3") as the one you removed. (This identifying marking indicates a fine speed tolerance diameter.)
4. Adjust by positioning the instant stop adjusting plate so that the distance between the top of the pull rod and the instant stop adjusting plate is 4~5 mm (5/32 ~ 5/64") in STOP mode as shown in Fig. 13-2.

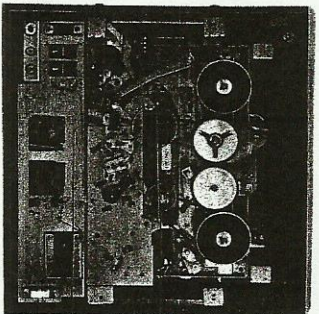


Fig. 13-1

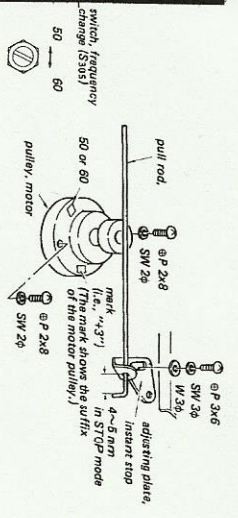


Fig. 13-2

Motor Pulley Part No.		Motor Pulley Part No.	
for 50 Hz		for 60 Hz	
Mark on Motor Pulley	Part No.	Mark on Motor Pulley	Part No.
+3	3-472-184-61	+3	3-472-185-61
+2	3-472-184-51	+2	3-472-185-51
+1	3-472-184-41	+1	3-472-185-41
+0.5	3-472-184-71	+0.5	3-472-185-71
0	3-472-184-01	0	3-472-185-01
-0.5	3-472-184-81	-0.5	3-472-185-81
-1	3-472-184-11	-1	3-472-185-11
-2	3-472-184-21	-2	3-472-185-21
-3	3-472-184-31	-3	3-472-185-31