

# FIG. 1 INSTALLATION INSTRUCTIONS FOR ASTATIC 17 and 17D STEREOPHONIC CERAMIC CARTRIDGES

Remove cartridge and its mounting bracket from tone arm. When cartridge is an Astatic 17 type it is unnecessary to remove the mounting bracket, simply remove cartridge as explained below. Be sure to identify right and left channels and ground leads before disconnecting them.

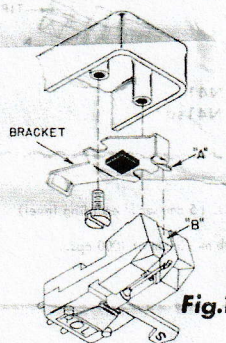


Fig. 1



Fig. 2

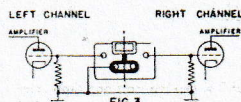


FIG. 3

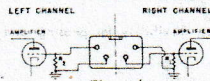


Fig. 4

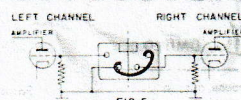


FIG. 5

When required, the mounting bracket should be installed in arm as shown in Figure 1. This bracket can be installed in all tone arms provided with cartridge mounting bosses spaced on 7/16" or 1/2" centers.

Connect leads to cartridge in the same manner as previously connected or in accordance with Figure 2. Some cartridges may be equipped with a ground strap installed between two of the terminals (3 wire common ground systems). See Figure 3 for typical Astatic type. The ground strap (included in hardware package) is made in two versions, one with a tab which allows the mounting bracket to be grounded and the other without the tab. Reference to the old cartridge configuration should determine which one to use. Do not use a ground strap in 4 wire pickup circuits. NOTE: If connectors on pickup cable are to be changed they should be soldered to cable before placing them on cartridge terminal pins. Soldering can be avoided by using the terminal adapters which are included in the hardware package.

Figure 4 illustrates wiring diagram for "out-of-phase" (for lateral needle displacement).

Figure 5 illustrates the use of the phasing strap (also included in hardware package) for 3 wire common ground "out-of-phase" systems.

**TO INSTALL ASTATIC CARTRIDGE INTO BRACKET:** Place locating boss at rear of cartridge into rectangular hole at rear of bracket. Align the metal tab "A" of the bracket with recessed track "B" at the forward end of the cartridge housing and press inward on the cartridge until it snaps into fixed position.

**CAUTION:** Apply force to the housing and do not touch the needle when inserting or removing the cartridge from its mounting bracket.

**TO REMOVE ASTATIC CARTRIDGE FROM BRACKET:** Simply spring the small metal tab "A" just forward of the needle tip away from the cartridge housing and lift the cartridge away from the mounting bracket.

**TO REMOVE NEEDLE GUARD:** Place thumb under tab of needle guard and lift away from cartridge. The needle guard should be retained for stylus protection if player is transported at a later date.

(See Reverse Side)

red R +  
green R - (shield/ground)  
white L +  
black L - (shield/ground)