

ARP
HEXAPHONIC GUITAR PICKUP
INSTALLATION PROCEDURE

INTRODUCTION

The ARP Hexaphonic Guitar Pickup is designed to be used with most commercially available six string solid body guitars. Pickups for two different string spacings are available: .41" and .44" string centers. Your ARP Dealer will help you to determine the correct pickup for your guitar.

While the ARP Hexaphonic pickup can be mounted directly on most guitars, some brands may require minor modifications. Follow closely the installation instructions for optimum performance.

Before mounting the pickup to the guitar, check that your guitar meets the following important requirements:

1. The guitar must be a six string, solid body.
2. The bridge must be adjusted so there is NO FRET BUZZ. (Fret buzz causes synthesizer buzz.)
3. New strings should be on the guitar.
4. If incorrect, the intonation should be adjusted.

IMPORTANT: READ THIS FIRST

The ARP Hexaphonic Pickup is designed to mount easily on most solid body electric guitars.

Before mounting the pickup, be sure to measure the distance between the bridge and the treble pickup by inserting the ARP pickup into this space. This will tell you whether any modifications must be made on your guitar in order to install the ARP pickup.

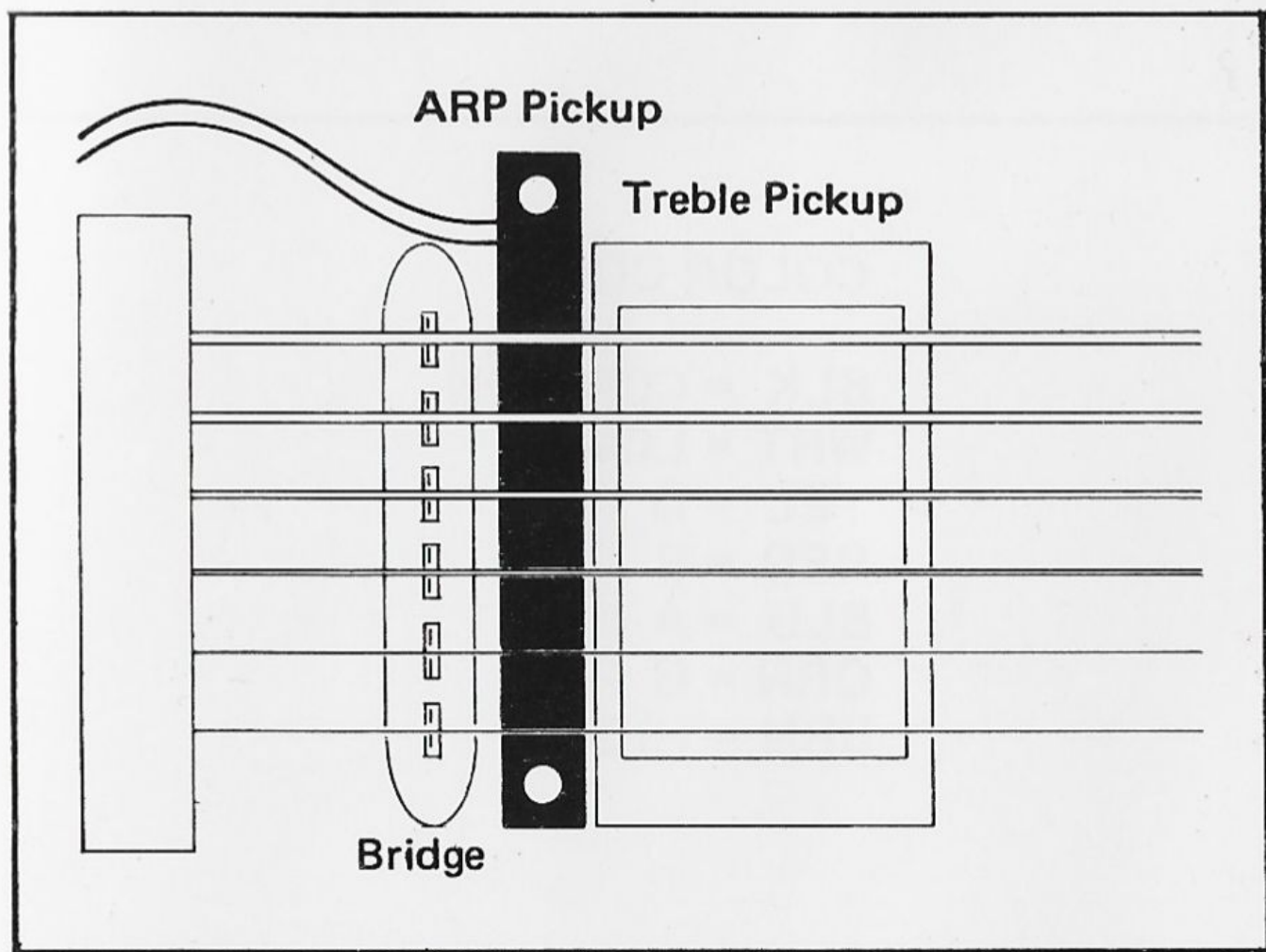
To avoid problems, the ARP Hexaphonic Pickup should be installed by an Authorized ARP Service Center. A list of ARP Service Centers has been packed with your ARP Avatar. If an ARP Service Center is not convenient for you, select a qualified guitar technician or ask your ARP dealer to recommend one to you.

If you choose to mount the ARP pickup yourself, follow the enclosed mounting instructions **VERY CAREFULLY**. Proper pickup location is required for the ARP Avatar guitar synthesizer to respond satisfactorily.

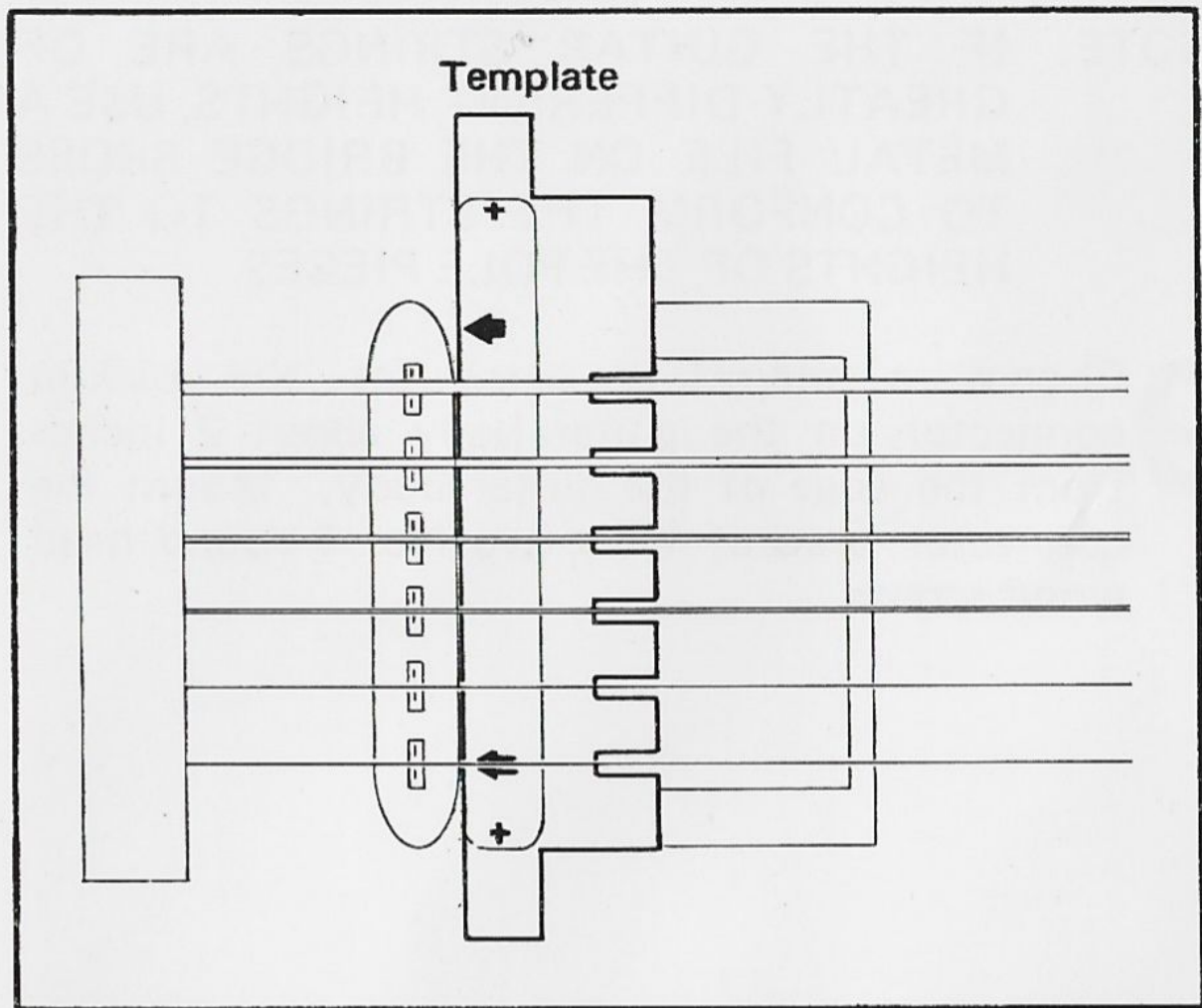
The ARP Customer Service Department can advise you on proper mounting of the ARP Hex Pickup. Should you encounter any difficulty, call them at (617) 861-6000 between 8 a.m. and 5 p.m. EST.

Mounting Instructions

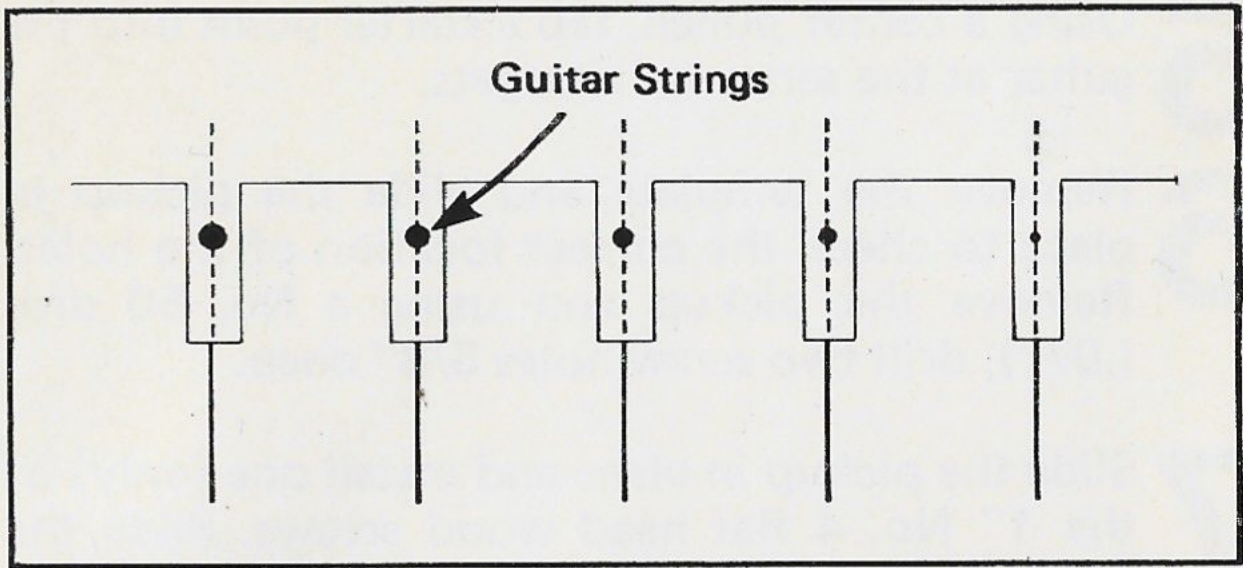
- 1** Slide the pickup under the strings between the treble pickup and the bridge to check if there is enough space for the ARP pickup. If there is insufficient room (less than .39") have your local guitar repair shop move the treble pickup or, if possible, reposition the bridge, or remove the treble pickup entirely. The ARP pickup is an excellent replacement for the treble pickup. It is capable of producing more highs than the usual treble pickup.



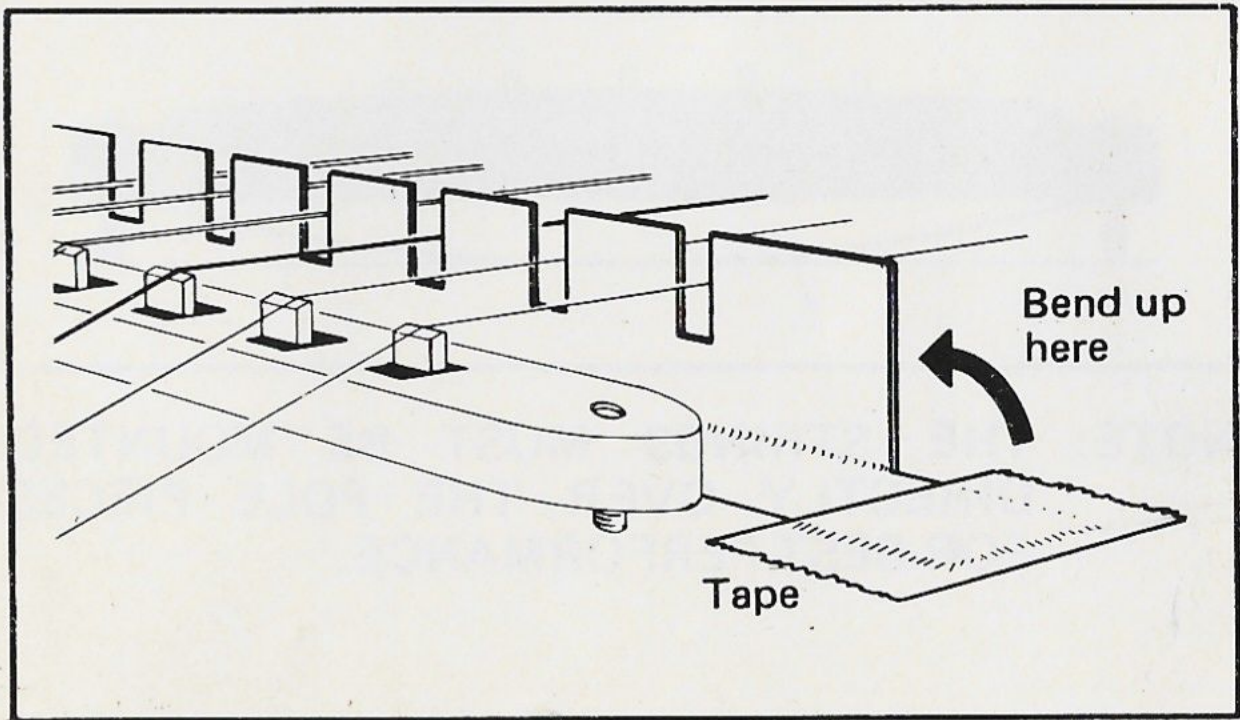
- 2** Next, slide the pickup template (supplied with pickup) under the strings with the arrows pointing toward the bridge. Hold the template flush with the bridge.



- 3** Center as many of the strings in their respective slots as will fit. Do not bend the template. If any of the strings do not fit the template, replace or refile the bridge shoes so that all strings are centered in the slots. For best performance, the strings must be centered in the slots.



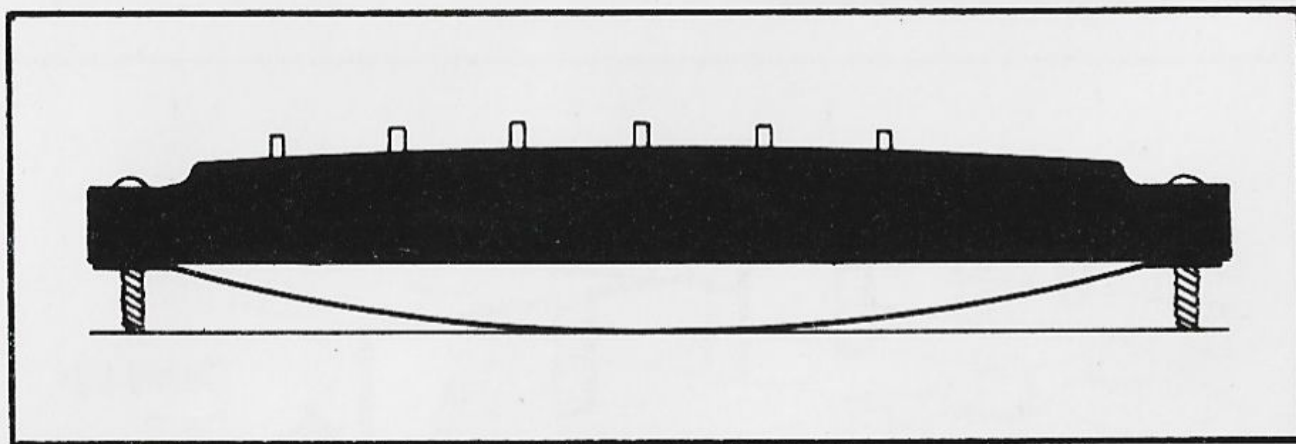
4 Bend the template so that the slotted portion is perpendicular to the guitar body and push it flush with the bridge. Tape the ends of the template in place.



5 Using a center punch, tap a starter point into the guitar at the screw hole targets.

6 Remove the template and slide the pickup in place to check the correct location of the holes. Remove the pickup and using a No. 50 drill (.07"), drill two screw holes 5/8" deep.

7 Slide the pickup in place and install one (only) of the 1" No. 4 flat head wood screws. Slide the correct size leaf spring under the pickup until it is captured by the wood screw (Use the flatter spring when the pickup is near the body of the guitar). Install the remaining wood screw.

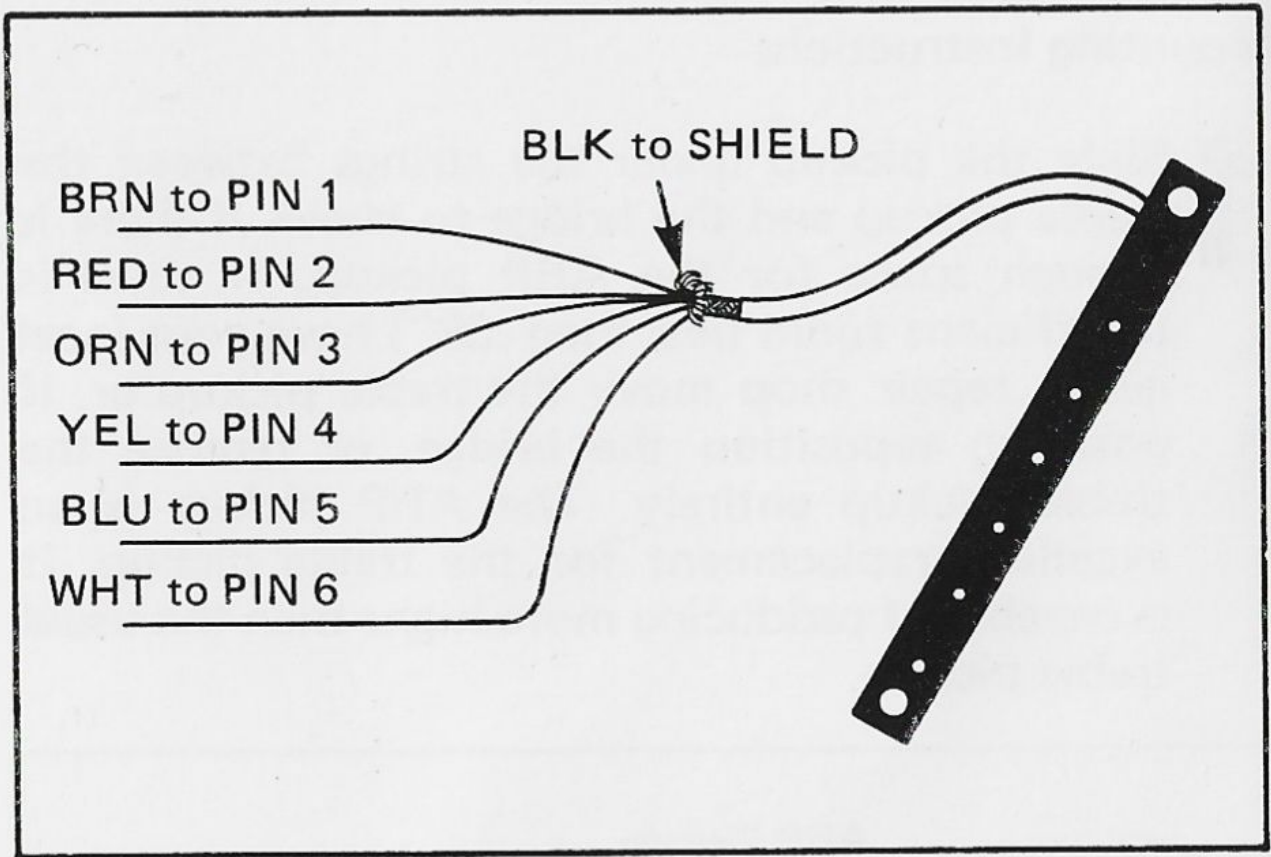


NOTE: THE STRINGS MUST BE MOUNTED DIRECTLY OVER THE POLE PIECES FOR BEST PERFORMANCE.

8 Adjust the wood screws (up or down) so that the pickup pole pieces are as close to the strings as they can be without buzzing ($1/16''$ or less if possible).

NOTE: IF THE GUITAR STRINGS ARE OF GREATLY DIFFERENT HEIGHTS, USE A METAL FILE ON THE BRIDGE SHOES TO CONFORM THE STRINGS TO THE HEIGHTS OF THE POLE PIECES.

9 Choose a mounting place for the pickup connector on the guitar body about 2 inches from the edge of the guitar body. Mount the connector bracket with two No. 4 round head wood screws.



COLOR CODE:

BLK = COMMON

WHT = LOW E

YEL = D

RED = B

BLU = A

ORN = G

BRN = HIGH E

SPECIFICATIONS

DIMENSIONS: Length 3.9" (99.06mm)
Width .391" (9.931mm)
Height .36" (9.14mm)

STRING SPACING: .41" and .44"

HARDWARE INCLUDED: Two leaf springs; one for 0 to .25" pickup height (from guitar body) and one for .20" to .5", two pickup mounting screws, two connector mounting screws, ARP pickup mounting template.

PICKUP TYPE: Hexaphonic (six channel), 300mv/string typical, coil impedance (per string) 500 ohms typical.



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