

Aguilar AG 4P/J-HC

Aguilar AG 4P/J-HC Bass Guitar Pickup Set Instruction Manual

Model: AG 4P/J-HC

1. INTRODUCTION

The Aguilar AG 4P/J-HC Bass Guitar Pickup Set is designed to provide a balanced and versatile tone for 4-string P/J bass configurations. This set addresses common sonic mismatches found in traditional P/J setups by offering a hum-canceling design for both the Precision-style neck pickup (AG 4P-60) and the Jazz-style bridge pickup (AG 4J-HC). Manufactured in Aguilar's NYC factory, these pickups utilize 42 gauge Formvar wire and Alnico V magnets to deliver a dynamic and rich bass tone without unwanted 60-cycle hum.

2. PRODUCT OVERVIEW

The AG 4P/J-HC set combines two distinct pickup types:

- **AG 4P-60 Precision-style Pickup:** Designed for thunderous lows and a full, classic P-Bass tone.
- **AG 4J-HC Jazz-style Bridge Pickup:** Engineered for clear midrange cut and articulation.

Both pickups are hum-canceling, ensuring a clean signal whether used individually or blended. They are a direct replacement for standard 4-string Fender P-Bass and Jazz bridge pickups.



Figure 1: The Aguilar AG 4P/J-HC Bass Guitar Pickup Set, featuring both Precision-style and Jazz-style hum-canceling pickups.

3. SETUP AND INSTALLATION

Installation of the Aguilar AG 4P/J-HC pickup set requires basic soldering skills and familiarity with bass guitar electronics. If you are unsure about any steps, it is recommended to consult a qualified guitar technician.

3.1 Tools and Materials Required:

- Small Phillips head screwdriver
- Soldering iron and solder
- Wire cutters/strippers
- Multimeter (for testing connections)
- Masking tape (to secure wires)
- New strings (recommended after installation)

3.2 Installation Steps:

1. **Prepare the Instrument:** Loosen and remove the bass strings. Carefully remove the pickguard (if applicable) and unscrew the existing pickups.
2. **Disconnect Old Pickups:** Desolder the wires from the old pickups at the control pots and ground points. Note the wiring configuration or take a photo for reference.
3. **Install New Pickups:** Place the Aguilar AG 4P-60 (Precision-style) pickup in the neck position and the AG

4J-HC (Jazz-style) pickup in the bridge position. Secure them with the provided screws.

4. **Wiring:** Follow the wiring diagram provided with your Aguilar pickups. Typically, each pickup will have a hot wire and a ground wire. Connect the hot wires to the appropriate terminals on your volume/blend pots and the ground wires to a common ground point (e.g., the back of a pot).
5. **Test Connections:** Before reassembling, temporarily plug your bass into an amplifier and gently tap each pickup with a screwdriver (while holding the strings down) to ensure a signal is present and free of hum.
6. **Reassemble:** Carefully replace the pickguard and re-string your bass. Adjust pickup height to your preference (refer to Section 4.1).

Note: The Aguilar AG 4P/J-HC set is designed as a direct replacement for 4-string Fender P-Bass and Jazz bridge pickups. Ensure your instrument's routing is compatible.

4. OPERATING THE PICKUPS

Once installed, the AG 4P/J-HC pickups will respond to your playing dynamics and the settings of your bass's onboard controls (volume, tone, and blend). The hum-canceling design ensures a quiet operation, allowing the true character of your bass to shine through.

4.1 Pickup Height Adjustment:

Proper pickup height is crucial for optimal tone and output. Experiment with different heights to find your preferred sound:

- **Closer to strings:** Higher output, more aggressive tone, potentially less sustain.
- **Further from strings:** Lower output, more open and resonant tone, increased sustain.

Start with a moderate height and adjust incrementally. Use a small screwdriver to turn the height adjustment screws on either side of each pickup.

4.2 Tone Characteristics:

The AG 4P/J-HC set offers a flexible array of tones:

- **Neck Pickup (AG 4P-60):** Provides thunderous lows and a classic, full-bodied Precision Bass sound.
- **Bridge Pickup (AG 4J-HC):** Delivers a clear midrange cut and articulate Jazz Bass tone.
- **Blended:** Combining both pickups allows for a wide range of sounds, from deep and warm to bright and punchy, all without 60-cycle hum.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Aguilar pickups, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the pickup covers regularly with a soft, dry, lint-free cloth to remove dust and grime. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Periodically check the pickup mounting screws to ensure they are snug. Over-tightening can strip threads or damage the pickup.
- **Wiring:** Ensure all soldered connections remain secure. Loose connections can lead to intermittent signal or noise.
- **Storage:** When not in use, store your bass in a climate-controlled environment to prevent damage from extreme temperatures or humidity.

6. TROUBLESHOOTING

If you encounter any issues with your Aguilar AG 4P/J-HC pickups, refer to the following troubleshooting tips:

| Problem | Possible Cause | Solution |
|-----------------------------------|--|--|
| No sound from one or both pickups | Loose or broken wire connection; faulty pot; faulty output jack. | Check all soldered connections. Test pots and output jack with a multimeter. Re-solder or replace components as needed. |
| Weak or inconsistent sound | Incorrect pickup height; loose wiring; corroded output jack. | Adjust pickup height (refer to Section 4.1). Inspect and secure all wiring. Clean or replace the output jack. |
| Excessive hum or noise | Poor grounding; external interference; faulty cable. | Ensure all ground connections are solid. Test with a different instrument cable. While these pickups are hum-canceling, ensure proper shielding in the control cavity. |

If the issue persists after attempting these steps, contact Aguilar customer support or a professional guitar technician.

7. SPECIFICATIONS

- **Model:** AG 4P/J-HC
- **Pickup Configuration:** P/J (Precision-style neck, Jazz-style bridge)
- **Magnet Type:** Alnico V
- **Wire:** 42 Gauge Formvar
- **Hum-Canceling:** Yes (both pickups)
- **Compatibility:** Direct replacement for 4-string Fender P-Bass and Jazz bridge pickups
- **Item Weight:** 1 pound
- **Product Dimensions:** 5.4 x 2.3 x 2.8 inches

8. WARRANTY AND SUPPORT

Aguilar products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Aguilar website. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Aguilar customer support directly.

Aguilar Customer Support: Please visit www.aguilaramp.com/support/ for contact information and further resources.

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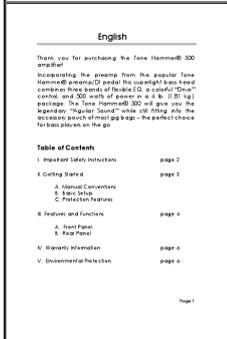
[Aguilar AG Preamp Pedal Owner's Manual](#)

Comprehensive owner's manual for the Aguilar AG Preamp Pedal, detailing its features, controls, specifications, and warranty information for bassists.



[Aguilar AG 700 V2 Bass Amplifier User Manual and Features](#)

Comprehensive guide to the Aguilar AG 700 V2 bass amplifier, detailing its features, functions, setup, safety instructions, warranty information, and environmental protection guidelines. Learn about its powerful EQ, connectivity options, and performance.



[Aguilar Tone Hammer 500 Bass Amplifier Manual](#)

Comprehensive user manual for the Aguilar Tone Hammer 500 bass amplifier, covering setup, features, functions, safety instructions, and warranty information.



[Aguilar Tone Hammer Preamp Owner's Manual and Specifications](#)

Comprehensive guide to the Aguilar Tone Hammer Preamp, detailing its features, controls, connectivity, specifications, and warranty information for musicians.



[Fender Guitars Owner's Manual and Setup Guide](#)

Comprehensive owner's manual and setup guide for Fender electric guitars, covering history, models, setup procedures, care, maintenance, and service information.



[Trickfish J-Core Jazz Bass Preamp Operation Manual](#)

Operation manual for the Trickfish J-Core jazz bass plate preamp, detailing installation, component overview, frequency selection, battery power options, and output jack wiring for optimal performance.