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› Gretsch DynaSonic Bridge Pickup for Guitars, Gold - Instruction Manual

Gretsch 61000000

Gretsch DynaSonic Bridge Pickup for Guitars, Gold

Model: 61000000 | Brand: Gretsch

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Gretsch DynaSonic Bridge Pickup. The DynaSonic pickup is a single-coil design known for its bright, clear, and articulate tone, offering a distinct sonic character for electric guitars. This specific model features a gold casing, designed for bridge position installation.



Image: The Gretsch DynaSonic Bridge Pickup, featuring a gold-plated metal frame surrounding a black base with six adjustable pole

pieces. The pole pieces are silver-colored and arranged in a single row, characteristic of a single-coil pickup. Mounting holes are visible on the gold frame.

SETUP AND INSTALLATION

Proper installation of a guitar pickup is crucial for optimal performance and can be complex. It is highly recommended that installation be performed by a qualified guitar technician or luthier. This pickup is designed for the bridge position of compatible electric guitars.

Pre-Installation Notes:

- Ensure your guitar is compatible with a standard single-coil bridge pickup form factor.
- This pickup is sold individually and **does not include mounting hardware** (screws, springs, etc.). These components must be acquired separately if not already present on your guitar.
- Familiarize yourself with your guitar's wiring diagram before beginning.

Basic Installation Steps (Consult a professional):

1. **Disconnect Power:** Always ensure your guitar is unplugged from any amplifier or power source.
2. **Remove Old Pickup:** Carefully desolder the existing bridge pickup's wires from the guitar's control cavity (potentiometers, switch, ground). Remove any mounting screws and lift the old pickup out.
3. **Position New Pickup:** Place the DynaSonic pickup into the bridge routing. Ensure it sits flush and correctly.
4. **Secure Mounting:** Use appropriate mounting hardware (not included) to secure the pickup firmly in place. Adjust height as needed for initial setup.
5. **Wire Connections:** Solder the new DynaSonic pickup's wires according to your guitar's wiring diagram. Typically, this involves connecting the hot wire to the volume potentiometer and the ground wire to the common ground point in the control cavity.
6. **Test:** Before reassembling, perform a basic test by plugging the guitar into an amplifier and checking for signal and proper functionality.
7. **Reassemble:** Once confirmed, carefully reassemble your guitar.

OPERATION

The Gretsch DynaSonic pickup operates by converting the vibrations of your guitar strings into an electrical signal. This signal is then sent through your guitar's wiring to an amplifier, where it is converted into audible sound.

Key Operational Characteristics:

- **Tone:** The DynaSonic is renowned for its bright, clear, and articulate tone with excellent note separation. It offers a distinct vintage sound often associated with classic Gretsch guitars.
- **Dynamic Response:** This pickup provides a highly dynamic response, allowing for expressive playing from subtle nuances to aggressive attack.
- **Pole Piece Adjustment:** The individual pole pieces on the pickup can be adjusted in height to fine-tune the output balance across the strings. Use a small screwdriver to carefully raise or lower each pole piece.

MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Gretsch DynaSonic pickup.

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe down the pickup casing and pole pieces. Avoid abrasive

cleaners or solvents, as they can damage the finish.

- **Avoid Moisture:** Keep the pickup and your guitar away from excessive moisture or humidity, which can cause corrosion to metal parts and damage to the internal electronics.
- **Temperature Extremes:** Protect the pickup from extreme temperature fluctuations, which can affect its magnetic properties and structural integrity.
- **Physical Damage:** Avoid dropping or striking the pickup, as this can cause internal or external damage.

TROUBLESHOOTING

If you encounter issues with your DynaSonic pickup, consider the following common troubleshooting steps:

- **No Sound/Weak Signal:**
 - Check all cable connections (guitar to amp).
 - Verify that your amplifier is on and functioning correctly.
 - Inspect wiring connections inside the guitar's control cavity for any loose or disconnected solder joints.
 - Ensure volume and tone controls on the guitar are not set to zero.
- **Excessive Hum or Noise:**
 - Single-coil pickups are inherently susceptible to 60-cycle hum. This is normal.
 - Check for proper grounding within the guitar's wiring.
 - Ensure you are not near strong electromagnetic interference sources (e.g., fluorescent lights, computer monitors).
 - Verify that all shielding in the guitar's cavities is intact.
- **Uneven String Volume:**
 - Adjust the height of individual pole pieces to balance the output of each string.
 - Adjust the overall pickup height relative to the strings. Lowering the pickup generally reduces output and increases clarity, while raising it increases output and can add warmth.

If these steps do not resolve the issue, it is advisable to consult a professional guitar technician.

SPECIFICATIONS

Feature	Specification
Item Weight	12.8 ounces
Product Dimensions	6 x 4 x 4 inches
ASIN	B007YV1XXG
Item Model Number	61000000
Date First Available	April 29, 2012
Color Name	Gold
Guitar Pickup Configuration	S (Single-coil)

Feature	Specification
Brand	Gretsch

WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or service, please contact Gretsch customer service directly or refer to the official Gretsch website. Keep your purchase receipt as proof of purchase for any warranty claims. Gretsch is a registered trademark of Fender Musical Instruments Corporation.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question