

Manuals.plus /

- › Gretsch /
- › Gretsch DynaSonic Neck Pickup (Gold) Instruction Manual

Gretsch 61002000

Gretsch DynaSonic Neck Pickup (Gold) Instruction Manual

Model: 61002000

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Gretsch DynaSonic Neck Pickup. Designed for electric guitars, this single-coil pickup delivers a distinct, clear, and articulate tone. Please read this manual thoroughly before proceeding with installation or use to ensure optimal performance and longevity of your product.



Image 1.1: Top view of the Gretsch DynaSonic Neck Pickup, showcasing its gold casing and six adjustable

2. SAFETY INFORMATION

Always exercise caution when working with electronic components and tools. Disconnect the guitar from any amplification or power sources before beginning installation. If you are unfamiliar with guitar wiring or soldering, it is recommended to seek assistance from a qualified guitar technician.

- Ensure all power is disconnected from the guitar and amplifier before handling the pickup or wiring.
- Use appropriate safety gear, such as eye protection, when soldering.
- Keep small components out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Gretsch DynaSonic Neck Pickup (Gold)
- Mounting Screws
- Basic Wiring Diagram

4. SETUP AND INSTALLATION

Installing the Gretsch DynaSonic Neck Pickup requires basic soldering skills and guitar maintenance knowledge. If you are unsure, consult a professional.

4.1. Tools Required

- Phillips head screwdriver
- Soldering iron and solder
- Wire cutters/strippers
- Multimeter (optional, for checking connections)
- Small adjustable wrench (for pole pieces)

4.2. Preparation

1. Loosen and remove the guitar strings.
2. Carefully remove the existing neck pickup from its cavity. Note the wiring connections before desoldering.
3. Clean the pickup cavity if necessary.

4.3. Wiring

The DynaSonic pickup typically features a single conductor wire with a braided shield. The inner conductor is the 'hot' signal, and the braided shield is the 'ground'.

1. Feed the pickup's wire through the guitar body to the control cavity.
2. Solder the inner conductor wire to the designated 'hot' terminal (e.g., volume pot input, selector switch). Refer to your guitar's specific wiring diagram if available.
3. Solder the braided shield wire to a common ground point (e.g., back of a potentiometer, ground lug). Ensure a solid, clean solder joint for both connections to prevent hum and signal loss.



Image 4.1: Bottom view of the Gretsch DynaSonic Neck Pickup, showing the coil windings and wiring connections.

4.4. Mounting

1. Carefully place the DynaSonic pickup into the neck pickup cavity.
2. Secure the pickup using the provided mounting screws. Do not overtighten.
3. Reinstall the guitar strings and tune the instrument.

5. OPERATING AND ADJUSTMENT

The Gretsch DynaSonic pickup is known for its bright, articulate, and dynamic response. Its individual pole pieces allow for fine-tuning of string balance.

5.1. Tonal Characteristics

Expect a clear, bell-like tone with good note separation. The single-coil design provides a distinct vintage sound, often associated with early Gretsch guitars.

5.2. Pole Piece Adjustment

Each string has an individual adjustable pole piece. This allows you to balance the output of each string for an even response across the fretboard.

1. Plug your guitar into an amplifier and set a clean tone.
2. Play each string individually and listen for its volume relative to the others.
3. Using a small adjustable wrench, carefully turn the pole pieces clockwise to raise them (increase output) or counter-clockwise to lower them (decrease output).
4. Adjust incrementally until you achieve a balanced output for all strings.



Image 5.1: Angled view of the Gretsch DynaSonic Neck Pickup, highlighting the individual adjustable pole pieces for each string.

6. MAINTENANCE

Proper care will ensure the longevity and performance of your pickup.

- **Cleaning:** Wipe the pickup cover and pole pieces with a soft, dry, lint-free cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Periodically check the mounting screws for tightness and the wiring for any signs of wear or corrosion.
- **Storage:** If removed from the guitar, store the pickup in a dry, temperature-controlled environment, away from strong magnetic fields.

7. TROUBLESHOOTING

If you encounter issues with your DynaSonic pickup, refer to the following common problems and solutions:

- **No Sound or Intermittent Sound:**
 - Check all wiring connections for loose or cold solder joints. Resolder if necessary.
 - Verify that the guitar's volume and tone controls are functioning correctly.
 - Ensure the pickup selector switch is making proper contact.
- **Excessive Hum or Noise:**
 - Confirm that the pickup's ground wire is securely connected to the guitar's common ground.
 - Check for proper shielding in the guitar's control and pickup cavities.
 - Move away from sources of electromagnetic interference (e.g., fluorescent lights, computer monitors).
- **Weak Output:**
 - Ensure the pickup is mounted at an appropriate height. Adjust closer to the strings if needed, but avoid contact.
 - Check for any short circuits in the wiring that might be diverting signal.
- **Unbalanced String Volume:**
 - Adjust the individual pole pieces as described in Section 5.2 to balance the output of each string.

8. SPECIFICATIONS

Feature	Specification
Brand	Gretsch
Model Number	61002000
Item Weight	13.6 ounces
Product Dimensions	3.4 x 1.75 x 1.6 inches
Color	Gold
Pickup Configuration	Single Coil (S)
First Available Date	April 23, 2010

9. WARRANTY AND SUPPORT

Gretsch products are manufactured to high standards. For specific warranty information, please refer to the documentation provided with your purchase or visit the official Gretsch website. For technical support or service inquiries, contact Gretsch customer service directly.

Gretsch Official Website: www.gretschguitars.com