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## PURE MACCAFERRI

This manual is quite long and detailed to help you install the Pure Maccaferri for best possible performance. Installing the system is quite easy so please take the time to read and follow this manual as precisely as possible.

Please, also familiarize yourself with the handling instructions of the supplied superglue gel.

### Tools Needed

Electric drill (for endpin jack mount)

Drill bits:

3/8"(10mm) to pre-drill endpin hole

1/2"(12mm) for final endpin jack mount.

Pliers or wrench for endpin jack installation

### Included

2 transducers with cable-harness and endpin jack

Super glue gel

Double-sided adhesive film (if superglue installation is not desired)

The biggest challenge with this installation is fitting your hand through the very small oval soundhole. I was able to get my hand (I am 6'2") into my Hoyer Joscho Stefan guitar (pictured on the photo below), which has a standard small oval soundhole.

### Preparation

Place the guitar on a table with a soft blanket for protection, with the guitar top facing up. The 2 pickups are supposed to be installed as shown in the picture (last page). Make sure that the wood surface on these spots inside your guitar is smooth and clear of any bumps.

You have 2 installation options:

- Removable with double-sided adhesive tape
- Permanent with superglue gel

**Note:** A permanent pickup installation with superglue gel will result in a 30-40% higher output volume and better frequency response due to the molecular bonding capacities of the superglue.

### Drilling the Endpin Hole

You have to drill or widen the endpin hole to 1/2". If you feel insecure in doing this, please get help from a luthier or from the guitar tech. These guys have the right tools to properly do the job.

If you'd rather do it yourself, it is a good idea to slowly work your way up with several drill bits, starting with a small size and work up in small increments.

Stick some duct tape over the endpin hole area. This helps to prevent chips and scratches.

You should use at least a 3/8" (10mm) drill bit first and then widen the hole to the required 1/2" (12.5mm) drill bit.

## Practice Installation (with Double-Sided Tape)

Cut a piece of the double-sided tape, a little larger than one pickup. Remove the white protection paper and stick the tape to the golden side of one transducer. Trim the tape around the edges of the pickup with a small pair of scissors.

Practice the installation of one pickup without removing the brown protective paper. Make sure you feel confident that you can reach the required position before you actually stick the pickup into your guitar.

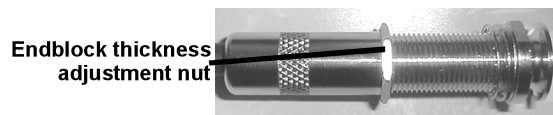
## Practice Installation (with Superglue Gel)

Practice installing one pickup without applying superglue. Make sure you feel confident that you can reach the required position before you actually glue the pickup into your guitar. Also make sure that you'll be able to press and hold the pickup there for about 30 seconds.

## Installation (with Superglue Gel)

When you're ready, cover your guitar around the F holes with some paper or tape the surrounding area with masking tape. This protects your instrument in case you accidentally drop a little bit of the superglue on it. **WEAR LATEX GLOVES** when you superglue! This will protect your fingers during installation.

Remove the strap-knob, the nut, and 2 washers off the endpin. Set the inner nut (this one is tight against the terminal cap) to the required distance according to the thickness of your end block. Finding the right position may require some trial and error. Tighten the terminal cap against the nut by screwing it in clockwise.



Place the pickups and endpin jack inside the guitar.

**Tape Installation:** Peel of the brown tape off one pickup and install it as practiced.

**Superglue Installation:** Apply a generous amount of superglue gel to one pickup. Spread the gel with the tip of the tube over the entire golden surface. **Important:** If you use too little glue, it tends to partially dry before you are able to bring the pickup in its proper position! A generous amount of glue will prevent premature drying.

Install the pickup as practiced and hold it tight in position for about 30 seconds.

Stick a chopstick or similar object from the outside into the endpin hole. Install the endpin jack's outer washers, nut and strap knob.

## Removing the Pickups

You can remove the pickups if they were installed with the double-sided tape. Lift off an edge of the pickup with a fingernail or a suitable tool and break the bond. Once the pickups are pulled off, you can rub off the glue residue with your thumb or use a solvent like Naphtha to clean it (available in hardware stores).

If the pickups were super-glued, removal is not recommended. However, experienced luthiers should be able to remove the pickups by cutting them out with a special tool. Be aware that this will most likely damage the pickups. It also is dangerous to work with a cutting tool inside your guitar where you can't see what you are doing.

Please make sure you read and understand the disclaimer below before you proceed with a superglue installation or removal. Please call our help line if you have any questions: (541) 888-3517

**Disclaimer regarding the installation or removal of pickups:**

Installation or removal is at your own risk. In no event will K&K Sound Systems Inc. be liable to you for any damages arising from your use of, or, the inability to use this product. This includes any possible health hazards, injury, any lost profits, or other incidental or consequential damages, even if K&K Sound Systems Inc. has been advised of the possibility of such damages, or for any claim by another party. Exact following of mounting instructions and handling instructions for supplied superglue is mandatory.

