

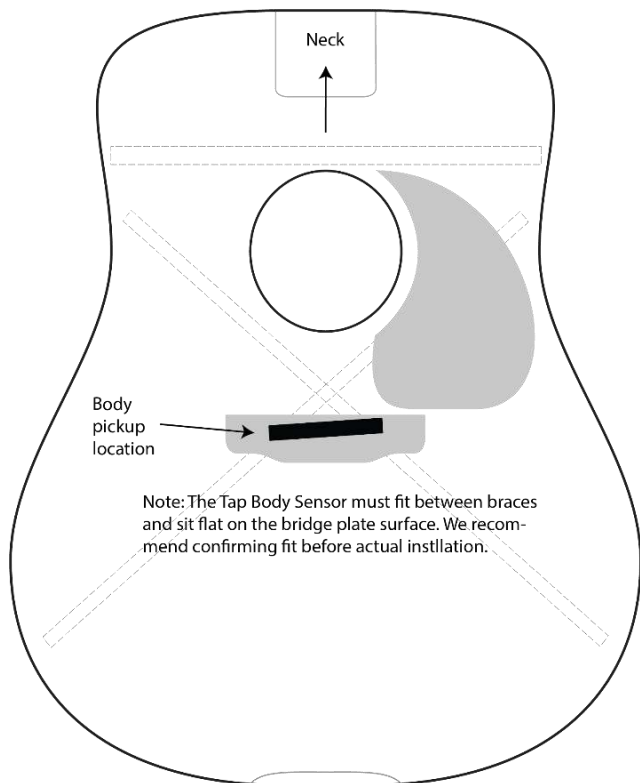
## Read Me First!

*\*We recommend having this PowerTap system installed by an experienced repair technician.*

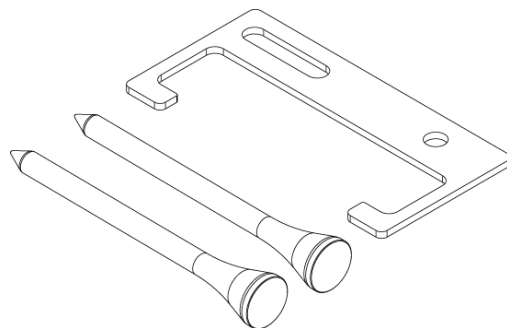
*\*\*Dry fit all components (Rare Earth Humbucking pickup and Tap Body Sensor to ensure proper fit before installation.*

## Tap Body Sensor Installation

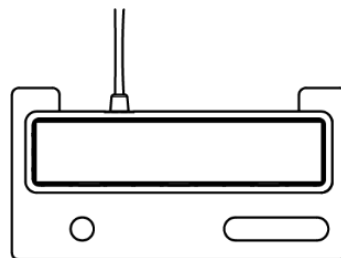
The Tap Body Sensor should be installed first. The Body Sensor installs onto the bridge plate of the instrument directly under the saddle. Make sure the area where the body sensor will mount is smooth. Clean this surface with an alcohol wipe or a cotton swab moistened with rubbing alcohol. Let dry.



Use the included mounting tool and two golf tee locaters to ensure proper placement of the Tap Body Sensor.

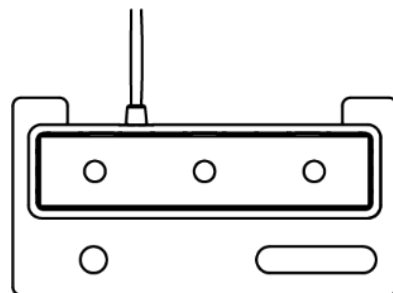


To properly mount the Tap Body Sensor, insert it as shown into the mounting tool.



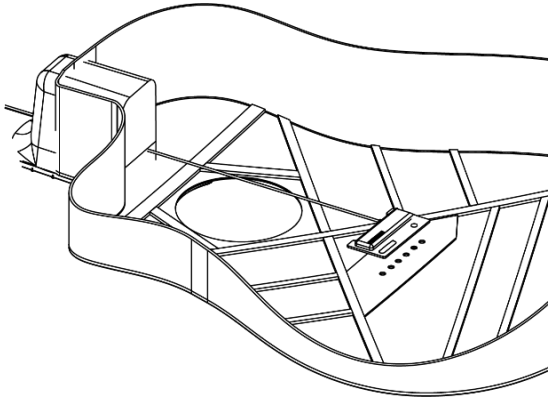
**Note:** Before proceeding with the next 5 steps, practice installing the Tap Body Sensor a few times with the backing paper still attached to the pickup.

1. Peel off backing paper and add 3 small drops of Gel Type Cyanoacrylate (Super Glue) One in the center and ½" in from each end of the sensor.



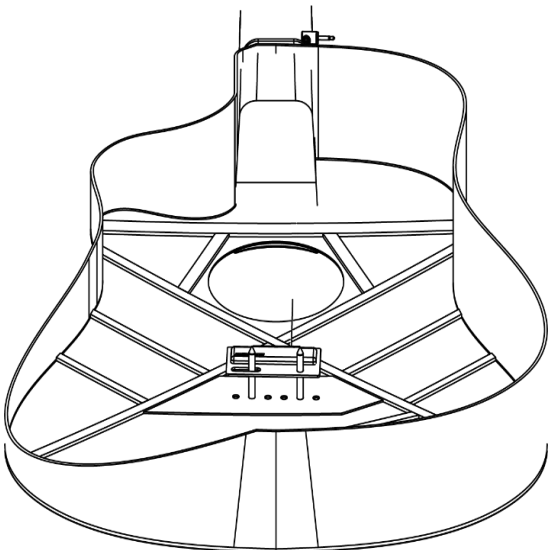
### Tap Body Sensor Installation continued...

1. Hold the sensor in the mounting tool inside the guitar in the area of the bridge plate under the bridge. **(Do not press the pickup against the bridge plate at this time)**

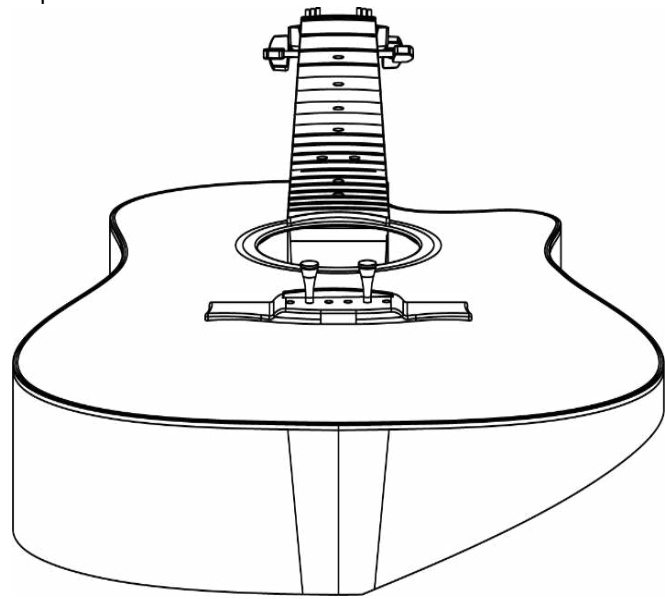


2. Using one of the golf tee locator pins, insert it through the "A" string bridge pin hole and into the round hole in the corner of the mounting tool. Using the second golf tee, insert it through the "B" string bridge pin hole and into the slotted hole in the opposite corner of the mounting tool.

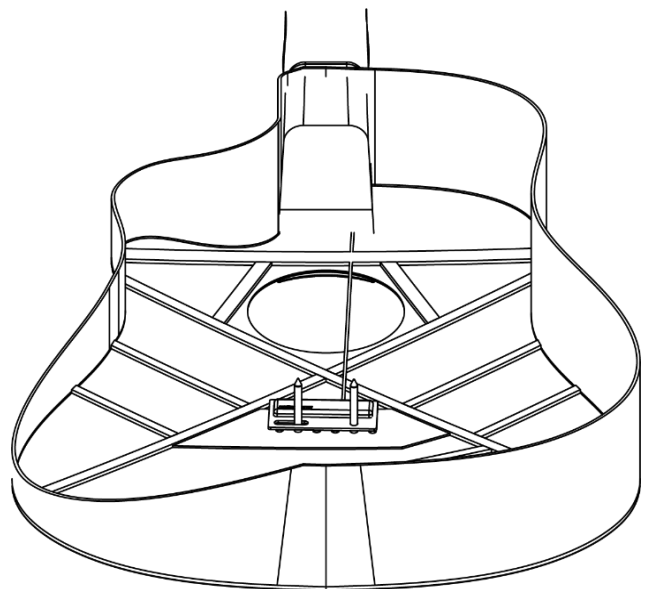
Inside view:



Top View:



3. With both locator pins inserted, gently push the sensor into place on the bridge plate. Hold against the bridge plate with firm pressure for 30 seconds. Once the sensor is attached to the bridge plate remove the mounting tool and golf tees.



## Endpin Jack Installation

**NOTE:** Before installing the pickup in the soundhole, install the endpin jack in the endblock of the guitar. You may choose to unsolder the cable from the jack and shorten it or simply tie wrap the excess cable inside the guitar. If you modify the cable length to fit your instrument, leave enough slack to allow the cable to be secured to the side wall of the guitar with the supplied wire clips.

Prepare the endpin jack hole by drilling a 15/32" hole in the intended location of the jack. (If the guitar has an existing strap button hole enlarge that hole to 15/32"

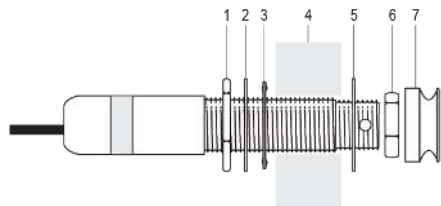
**Follow this sequence when installing the endpin jack:**

**Inside the guitar:**

- 1 - Large Hex nut
- 2 - Large Dress Washer
- 3 - Star Washer
- 4 - **Guitar End Block**

**Outside the guitar:**

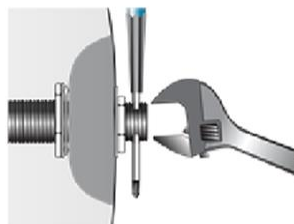
- 4 - Small Dress Washer
- 5 - Small Dress Nut
- 6 - Strap Button



Thread the large nut, dress washer and star washer down the large threaded portion of the jack to allow the proper amount of the jack to go through the end block.

**Note:** For proper fit, the endpin Jack should protrude at least 5/16" (7.9 mm) and no more than 11/32" (8.7mm) outside the guitar's body.

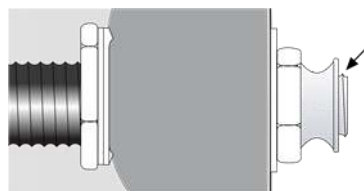
Push the jack through the hole and fit the small dress washer and nut over the end of the jack. Tighten the nut with a 1/2" open-end or adjustable wrench while counter-holding the jack in place with an Allen wrench or small screwdriver.



Thread and gently tighten the strap button using rubber tipped pliers



Note: With the strap button in place, the end of the jack should protrude slightly, so that when a plug is inserted, it will snap securely in place.



## Rare Earth Humbucking Pickup Installation

**NOTE:** Before installing the pickup in the soundhole, insert the Tap Body Sensor plug into the jack on the Mag pickup body. It is also easier to secure all wires inside the instrument using the supplied wire clips now.

The Rare Earth Humbucking pickup should be placed in the soundhole as close to the end of the fretboard as possible. Use a #1 Phillips Screwdriver to tighten the clamp screws. Do not over tighten screws

