

PURE RESONATOR BB

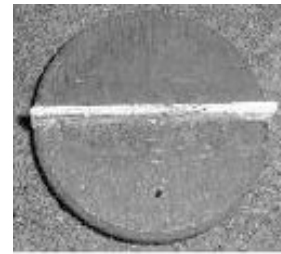
The Pure Resonator BB is designed especially for biscuit bridge resonator guitars. It features a screw-mounted pickup for maximum feedback resistance and best possible sound transmission.

The jack can be mounted externally or internally. The pickup comes pre-wired with an endpin jack including an external mount fastening system called "dual-lock". The jack can also be mounted internally if you remove the dual-lock. An optional internal flush mount nylon jack is supplied as well.

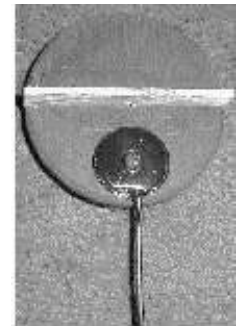
This manual is split up in two parts: pickup and jack installation. The pickup installation procedure is the same for both external and internal jack mount, only the orientation of the cable is different.

Pickup Installation

1. Remove the strings or loosen them and install a capo on the 10th fret.
2. Remove the string holder by unscrewing the strap knob.
3. Unscrew the small screws of the resonator cover and remove the cover.
4. Take out the resonator cone with the biscuit bridge.
5. Unscrew the biscuit bridge holding the screw on the back of the resonator and remove the biscuit.
6. Mark a hole location for the pickup mounting hole (see photo).
7. Drill a 3/32 (2.1 mm) hole through the biscuit.
8. Install the pickup with the screw. as shown in the photos. For internal jack installation (jack hole - see photo next page) the cable should point towards the high string side. For external jack installation, the cable should point towards the string holder, perpendicular to the bridge (external jack mount - see photo next page).
9. The pickup holding screw should be fastened tightly.
10. Reinstall the biscuit to the resonator cone.



Pickup mounting hole



Cable orientation for external jack mount

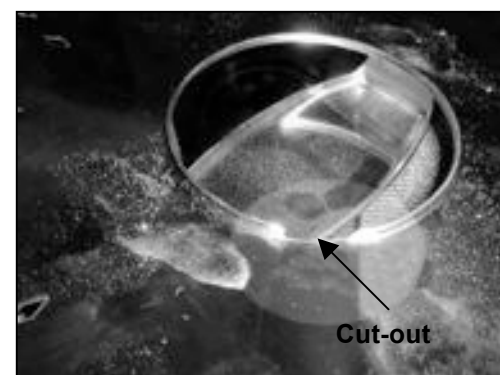
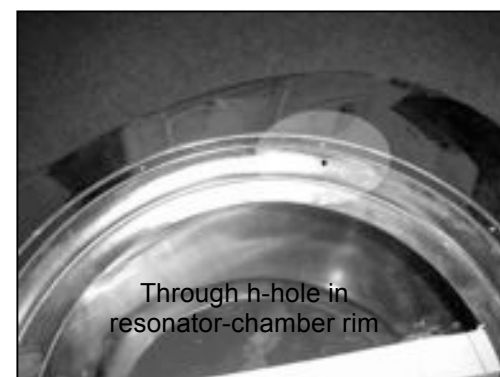
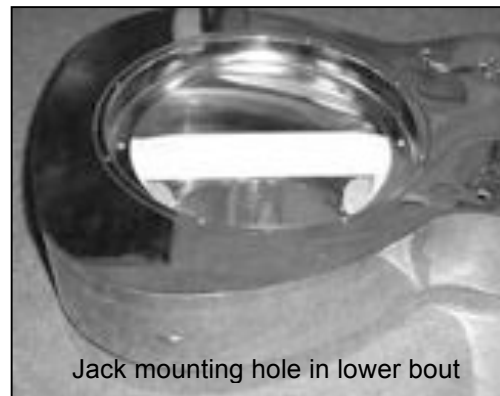


For internal mount only: After completing the pickup/jack installation and re-installing all parts, please insert the supplied rubber bumper as shown in the photo. This puts extra tension on the pickup cable and ensures that the cable will never come in contact with the resonator cone.



Internal Jack Installation

1. Drill a 7/16" (11 mm) hole for the black nylon jack in the lower bout as show on the photo.
2. Drill a 1/8" (3 mm) hole for the cable in the resonator-chamber-rim as shown in the photo.
3. Unsolder the (external mount) silver jack.
4. Pass the open pickup cable end through the 1/8" (3 mm) hole.
5. Solder the nylon jack to the open pickup cable end. Make sure that you solder to the correct side and the correct pins. Please have a close look to the photo.
6. Install the jack.
7. Install the resonator cone and push the cable into the 1/8" (3 mm) hole until it is almost tight.
8. Secure the cable with the small black self-adhesive sticker as shown in the photo on the previous page (cable orientation for external jack mount).
9. If your resonator cover has a fold down lip around the biscuit hole, file a portion off the lip to allow the pickup cable to pass without being pressed down onto the resonator cone (if the cable has contact with the cone it will result in mechanical noise). Make sure to file the cut-out opening in the correct area (see photo).
10. Install the resonator cover and the string holder.
11. Install the rubber bumper to further tighten the cable (see photo previous page). This ensures that the cable will never make contact with the cone.
12. Re-string your instrument and enjoy.



Cut-out in lip of resonator cover, Internal jack mount only

External Jack Installation

1. Reinstall the resonator cone, resonator cover, and string holder and re-string your instrument.
2. Arrange the pickup cable as shown on the photo, partly under the strings behind the bridge and partly under the string holder.
3. **Tip** (optional): Stick a piece of masking- or duct-tape to the desired jack location (see photo) before you stick the jack to the guitar. Like this you don't have to deal with the residue on your instrument in case you want to remove the jack.
4. Attach the endpin jack with the self-adhesive "dual lock."



Externally mounted jack option