

Schatten Banjo Pickup BJ-02 Series with Jack Assembly

Note: The jack assemblies supplied with the BJ-02 and BJ-02 Pro will fit virtually all banjos including the Deering Goodtime banjo. The maximum span across the tensioning hooks that these jack assemblies will fit is 2 1/2". The jack assembly supplied with the BJ-02 Std has a maximum span across the tensioning hooks of 1 3/4" and will fit most modern banjos but not the Deering Goodtime banjo.

Pickup Installation Instructions:

- 1) With the resonator removed, and the banjo laying upside down so that you can look at the coordinator rods and the underside of the head, you should be able to see the imprints of the bridge feet on the head. The proper placement of the pickup is on the inside surface of the head directly under the center foot of the bridge. The length of the pickup is approximately the same as the length of that bridge foot. If bridge has 2 feet, place the sensor under the bass foot.
- 2) The pickup is prewired to a jack assembly. Before installing the sensor into place you must thread the pickup through a hole in the resonator flange at the point where you want to mount the jack assembly.



- 3a) The pickup comes supplied with 3M VHB tape and a packet of 5 minute epoxy. As mentioned in (1), placement of the pickup sensor is normally directly under the center foot of the bridge. For players with a very heavy attack, the sensor may be positioned slightly behind the bridge foot (a quarter inch or so towards the tailpiece). Attaching the sensor to the head using a small piece of VHB will allow the sensor to be secured to head but removed and repositioned for testing and evaluation of sound. A piece of VHB may be used only one time.

Do not pull on the pickup lead wire to detach the sensor.

- 3b) The sensor may be left in place attached with the VHB. Mounting the sensor to the head using the supplied 5 minute epoxy should be considered as a more permanent method of mounting and is more secure and longer lasting. The epoxy method of attaching the pickup to the underside of the head is by using a little bit of the supplied 5 minute epoxy. After mixing the glue, apply a small amount sparingly to the brass surface of the pickup that will be pressed into contact with the head.
- 4) Making sure that you have the pickup in the correct position, hold the pickup in place until the glue sets (about 4 minutes).
- 5) After the glue is set, it is suggested that you take a bit of tape and tape the wire to the coordinator rods. This is to eliminate the possibility of the wire rattling

Jack Assembly Installation Instructions:

- 1) The banjo jack assembly is secured to the tensioning hooks of the instrument in the same manner that a banjo armrest is attached. The two screws that go through the jack assembly thread into a long metal clamp bar that is slid in behind the hooks.
- 2) The jack assembly is normally placed at about the 4 o'clock position relative to the front of the banjo (when viewed from the front with the neck sticking straight up).

NBJA Jack Assembly

- 1) Remove one of the two mounting screws that go through the jack body and loosen the other screw almost all the way off.
- 2) From the end that you've removed the mounting screw, slide the clamp bar as far as it will go in behind one of the tensioning hooks. Then, when there is clearance for the other end of the clamp bar, slide the it part way back so that it is behind both hooks.
- 3) Re-insert the screw that had been removed from the jack body.
- 4) Position the jack assembly and tighten the two screws to hold the NBJA securely in place.



NBJA

CBJA and PBJA Jack Assemblies

- 1) Remove the output jack from the bracket.
- 2) Position the bracket where it is to be mounted.
- 3) Slide the long metal clamp bar behind the tensioning hooks and secure the bracket in place with the two supplied screws.
- 4) Reinstall the output jack.



CBJA



PBJA

Pickup Removal Instructions:

For VHB mounted pickup sensors: using a finger nail or a thin shim of metal or plastic, work in between the sensor and the head to slightly lever the sensor away from the head.

For epoxy mounted sensors:

The pickup is glued to the underside of the head with 5 minute epoxy. This glue bond may be broken as follows:

- 1) Remove the strings and bridge, remove the resonator from the back of the instrument.
- 2) From the outside of the banjo, warm up the area of the head covering the pickup using a hair drier.
- 3) Work a small thin object such as a pallette knife or thin feeler gauge into the joint between the pickup and the banjo head.
- 4) The pickup should come away from the head with little effort.
- 5) Clean up any epoxy residue left on the underside and around the edges of the pickup with a small file.
- 6) For re-installation, make sure to use only a 5 minute epoxy.

Warranty

We warrant to the original purchaser that our pickups are free from defects in materials and workmanship for a period of 2 (two) years. Should a product fail to perform properly within the specified warranty period you may contact your dealer or Schatten Design for instructions. No product will be accepted for warranty return by Schatten Design without a Return Authorization number.

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