

Important Notes and Cautions:
Read all instructions, warnings and disclaimers prior to installation of this product. TOWNER USA will not be held responsible for any damage to your instrument. Use a qualified repairman or service if you are uncomfortable working on your guitar. Some finishes can damage easily from contact with other objects. Consult a specialist prior to installation if this is a concern. Inspect your guitar for weakness in the wood before installation. In particular the stud post holes and the button screw hole. If the wood is weak the posts will pull out or the button screw will pull out of wood. Do not install the wood is weak. If possible, correct the weakness and then install the product but if not do not install this product. If you are missing hardware or having trouble with the installation of your Towner USA product please contact TOWNER USA by e-mail: info@townerusa.com

TOWNER V.BLOCK SYSTEM INSTALLATION:

TOOLS: PHILLIPS HEAD SCREWDRIVER, FLATHEAD SCREWDRIVER, 1/8 INCH DRILL BIT with DRILL.

1. Prep guitar for installation by removing the strings and cleaning guitar body with a cloth to protect it from any potential damage.
2. Remove the existing stop-tailpiece and studs from your guitar by unscrewing the two studs.
3. Measure the stud post neck width, it must be no bigger than .265 micrometers wide. If it is wider than .265 micrometers then you will need, either, IMPERIAL or METRIC studs that will fit the TOWNER DTB Cuffs.
4. Remove the Strap button screw and button from the end of your guitar. *DO NOT USE YOUR 1" strap button screw. Use the 2 1/2 inch screw provided.
5. On the RADIUS side of the V.BLOCK (see fig. 1): Place four felt pads.
6. Move felt pad from the Bigsby on the bottom right, opposite the side the vibrato arm, and move it up about 1 1/2 inches (see fig.2).
7. Lining up the four holes of the Bigsby hinge-plate with the FLAT side of the V.BLOCK (see fig.3), screw in the four 1/2 inch screws.
8. With a 1/8 inch drill bit, pre-drill 1 3/4 inches deep in the button screw hole of the guitar.
9. Take 2 1/2 inch strap button screw and slide on the button and then the Towner Hinge-Plate Adapter.
10. Take note of the slot length of the Towner Hinge-Plate Adapter, the slot should be on the high side (see fig.5).
11. mount the 2 1/2 inch strap button screw through the Bigsby hinge plate into the guitar.
12. (see fig.3) Put together all the pieces for the Towner down tension bar.
• NOTE: The cuff hole is off-center so you can apply more or less downward tension to hone the in perfect tension over your strings.
13. Take stop tailpiece studs and Towner down tension bar together as one piece with studs slid into the cuffs, then screw down the studs equally, finger tight.
14. Install guitar strings. The strings, when tuned up, will provide dynamic tension to the down tension bar.
15. Set the Towner down tension bar to sit just below the saddles of the bridge, providing just enough tension to keep the strings in place.

NOTES:

- Canting the Towner down tension bar provides even tension over the strings. Approximately 1-3 threads higher on the Low E side than the High E side.
- Making sure your strap button screw is mounted properly, monitor the hinge-plate when tightening your strings and the screw is not pulling out of the body.

