

Stage One

Fine Quality Pedal Steel Guitars

TROUBLESHOOTING GUIDE

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TROUBLESHOOTING STAGEONE KNEE LEVERS

The only weak point on a Stage One is the knee lever mounting tabs. They can be bent if you are not careful when you get under the guitar, causing the mounting tabs to not contact the white nylon knee lever stops. It is a simple matter to correct the problem.

Turn the guitar upside down on a suitable work surface such as a table or counter top, just as you would put it in the case - front legs away from you.

Operate the lever and observe if the mounting tab for the knee lever is engaging the white round nylon stops. The mounting tab, not the folding lever, is the part that must make contact. If this is not the case, grasp the lever and gently bend it to correct the problem. You won't hurt anything, just be careful.

It is likely that the lever will be out of tune. Consult the **Owners Manual** for the correct tuning procedure.

In the case of the left knee levers being out of tune, which is often the case, do the following, in this order -

1. Turn all of the white tuning nuts on strings 4 and 8 counterclockwise several turns.
2. Turn the white tuning nut for the C pedal, pedal 3, for string 5 counterclockwise several turns.
3. Turn the 7/64" socket head cap screws located in the endplate above the tuning nut window for strings 4 and counterclockwise several turns. Note the position of the changer finger for strings 4 and 8. It should be in line with all the other changer fingers. If not, adjust the red tuning nut. This should put the changer and levers back in a neutral position so they can be re-tuned correctly.
4. Adjust the open tuning of strings 4, 5, and 8 to proper pitch at the keyhead.
5. Now tune the Left Left knee lever strings 4 and 8 to the F note
6. Tune the C pedal string 4 to the F# note, slightly flat will be better
7. Tune the C pedal string 5 to the C# note. Sound strings 5 and 4 together using the B and C pedals, adjust the pitch of the 4th string to best sound to your ear.
8. Finally, adjust the Left Right knee lever to lower 4 and 8 to Eb (D# if you prefer to call it that) using the 7/64" socket head screw in the endplate