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OG basic owners manual



The Outdoor Guitar basic model is designed by Brunner Guitars and manufactured in Vietnam. Final assembly, including fabrication and installation of the neck connection and the unique bridge is done by Brunner Guitars in Switzerland. The OG Basic has laminated back and sides and features a solid Brunner "Flying Top" construction. Please give it the special care you would give any other fine guitar and it will give you years of service. The OG is very easy to handle if you know how. This short description will familiarize you with the proper procedures for attaching and detaching the neck. Please read it carefully to avoid any difficulties and to be able to enjoy your OG to the fullest!

Assembling

Because of the OG's special bridge design and the patented neck connection, it only takes half a minute until the outdoor guitar is ready to play (without having to loosen the tension on the strings!)

1. Take the guitar body and neck out of the bag. Then put the guitar body back into the case or onto your lap (top-side up).
2. Hold the neck with the untwisted strings and slide the string-holder with the two pins into the holes on the bridge.
3. Carefully insert the neck into the matching groove on the body so the metal plate on the neck hooks into the one on the body.
4. Now turn the guitar around by holding the body with your right hand at the soundhole and put one finger onto the neck end holding it in place for turning the body around. With your left hand hold the neck and have your elbow sit on the back edge of the body to be able to apply slight tension on the strings.
5. Now push the back of the body against your waist, keep your elbow on the back edge of the body and pull the neck against you to put full tension on the strings.
6. While holding the neck in that position, tighten the connection-bolt firmly on the guitars back with your right hand.
Important:
 Keep pulling the neck tight onto the guitar body until the connection is firmly tightend so there is no gap showing in between the neck and body!
7. Then flip the guitar around and stretch the strings by pulling on each one. This should bring them right back into tune and helps to keep them from dropping afterwards.
8. Now it only takes some fine-tuning and you're ready to go!



Disassembling

Disassembling the OG is as quick and easy as assembling it, but there are a few important details to pay attention to.

1. Push the guitar against your waist by holding the upper part of the neck while having your elbow sit on the back edge of the guitar's body. This way you have full control and enough strength to release the neck slowly, without having to loosen the strings.
2. Loosen the connection-bolt all the way with the other hand by holding the neck firmly and keep pulling it tight onto the body!
Attention: Do not release the neck tension until the connection bolt is fully disengaged from the threads on the bolt or neck connection plate.
3. Now slowly release the tension by letting the neck move forward. Then move your right hand to the soundhole to hold the body while you're taking the neck out of its groove. Keep the neck end far enough away from the body to avoid scratching the top.
4. Put the body onto your lap or back in the case with the top side up. Then pull the string bar off the bridge.
5. The neck now goes into the bag first (upside down) and the body on top of it. Keep the strings in a wide loop underneath the fretboard so the bridge attachment lies beside the neck.
6. Finally, place the body top-side-up in the case with the neck protector lid closed beneath it. Close the backpack and head for the great outdoors!



Should you experience any problem with the neck connection, please contact Brunner Guitars directly for advice and don't try to do your own adjustments!

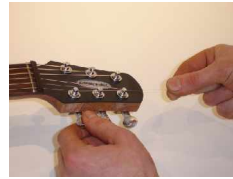
Changing strings

The outdoor guitar is equipped with special locking tuners to keep the strings from coming off the tuner posts when removing the neck and to keep the strings in their original tune.

To remove a broken string, loosen the locking nut on the tuner post with a coin and pull the string out. To change unbroken strings you must loosen them with the tuner button first, before you will be able to loosen the tuner post. Loosen the tuner post by turning it against the string tension. (different on left and right side)

To put the new string on, first pull the string through the string bar of the bridge (when the guitar is assembled) and then pull it through the tuner post until there is no more slack. Turn the tuner button as you would for normal tuning and it will automatically lock the string. After the string is tuned, cut off the extra bit.

Retightening of the locking nut with a coin is not necessary as this could possibly cause the string to break again!



Tunings and string gauges

The outdoor guitar is built for standard E tuning, but can also be tuned as high as G. Tuned to E (first and sixth string) the guitar is very easy to play because of looser string tension due to the shorter scale (like the third fret on a 650mm scale length). To compensate for the looser tension we recommend using a set of "medium" strings (013 / 056). Tuned to F# or G the guitar brings out its full volume and power, because the strings are set to their proper tension. If you wish to tune it higher constantly we highly recommend using a lighter set of strings (012 / 054) as the OG is not built for such constant high tension.

Different tunings, so called "open tunings", are no problem. Avoid tuning your OG higher than the G tuning.

Storage

Try to keep your guitar in a humidity range between 40-60% (normal) and avoid extremes. To be out of this range is not a problem if it is not for weeks at a time.

We recommend keeping the OG disassembled and stored in the bag if it won't be played for a few days. In the bag, the guitar is better protected from temperature and humidity changes. It is also better for the top and neck not to be under constant tension as it might change the "action" (distance between fretboard and strings) after some time (also see "adjusting the action").

To put it away for a while without taking it apart you can lay it back into its open backpack. The open lid also serves as a neck rest. Underneath the neck insert there is room for thin notebooks. On the outside there are three compartments offering room for some small and bigger items.



Adjusting the "action"

Your OG's top is made of solid wood, meaning you might notice slight changes with the "action" (distance between fingerboard and strings) if you are travelling in different climates. The laminated body should not be reacting much to those humidity changes. To prevent unwanted changes, keep your guitar disassembled and stored in the bag if it won't be played for a few days. The guitar is better-protected from temperature and humidity changes in the case.

Just in case the neck bows up after some time, the steel-string OG has a one way adjustable trussrod for neck correction. If you push down a string on the 14th fret, there should be a gap of the thickness of a credit card (0,5mm) at the 5th fret between the fret and the string. If the action is much higher or the neck is too straight, follow the suggestions on the right.



"action" too low:

Usually this means that the air is too dry (for example during winter). If your guitar is exposed to less than 40% humidity for a few weeks, the neck and the top might straighten out too much and the strings may start buzzing on the fingerboard. If this happens, check first the neck's curvature as mentioned before. If the neck is too straight, loosen the trussrod until it looks fine. Should this not be possible anymore, start tuning your guitar up to "G" to get more tension on the neck or use a heavier set of strings. If the action does not normalize after you are back in a "normal" climate, please contact Brunner Guitars, so we can give you the appropriate advice.

"action" too high:

If your guitar becomes harder to play, this could mean that the action is too high. Also in this case, first check the neck's curvature as mentioned before. Basically the opposite has happened to that described above. If the wood expands because of too high humidity (60% and more), the top will warp up a little and the neck may also curve too much. Both will cause the strings to move further away from the fingerboard. If the neck's curvature is too severe, tighten the trussrod to its proper set-up. Is this not sufficient, then don't tune your guitar higher than "E" or use a lighter set of strings. Again, if the action does not normalize after returning to the "normal" climate, please feel free to contact us for further advice. Overtightening the trussrod can cause serious damage to your neck and void your warranty. Please don't try to do any major repairs on your own! Serious neck problems are covered under warranty if you refer the problem to us.

warranty

You have a three year warranty on your OG basic model covering any construction problems or material defects (shipping costs not included). Not covered are any damages caused by improper handling or unauthorized repairs!

If you have any questions or a problem, don't hesitate to contact Brunner Guitars at info@brunner-guitars.com or call us at ++41 (0)81 862 20 89