

# *Stage One*

**Fine Quality Pedal Steel Guitars**

## **OWNERS MANUAL**

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## ASSEMBLING YOUR NEW "STAGE ONE" PEDAL STEEL GUITAR

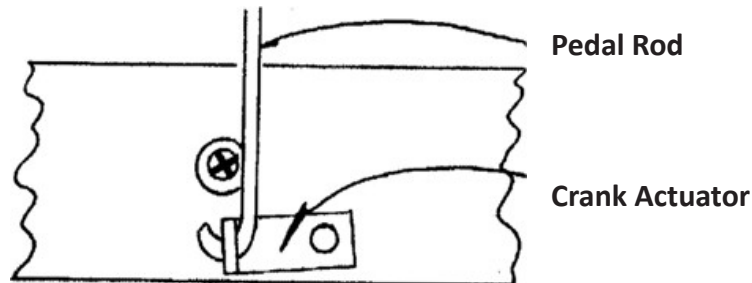
Upon opening the case you will find that the guitar is placed in the case in a bottom side up position. This is to allow you to more easily assemble your steel guitar. The front of the guitar is placed at the hinge side of the case. Always use this position, life will be easier.

Remove the pedal rack and wooden case divider and lay them aside. The four legs and the pedal rods are packaged in the vinyl pouch. Remove these from the case and lay aside.

The front two legs have two grooves at the tip. The rear legs have the knurled locking ring and threaded shaft going into the foot. **See the pictures.**

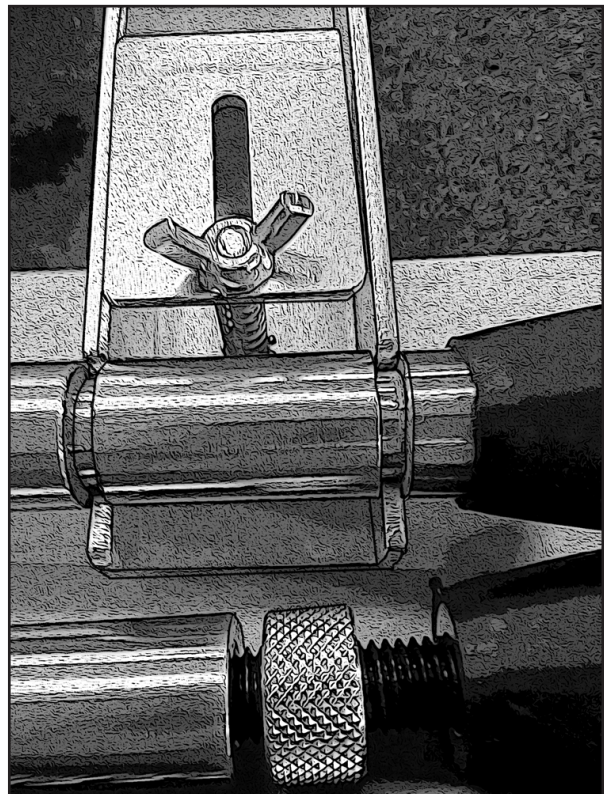
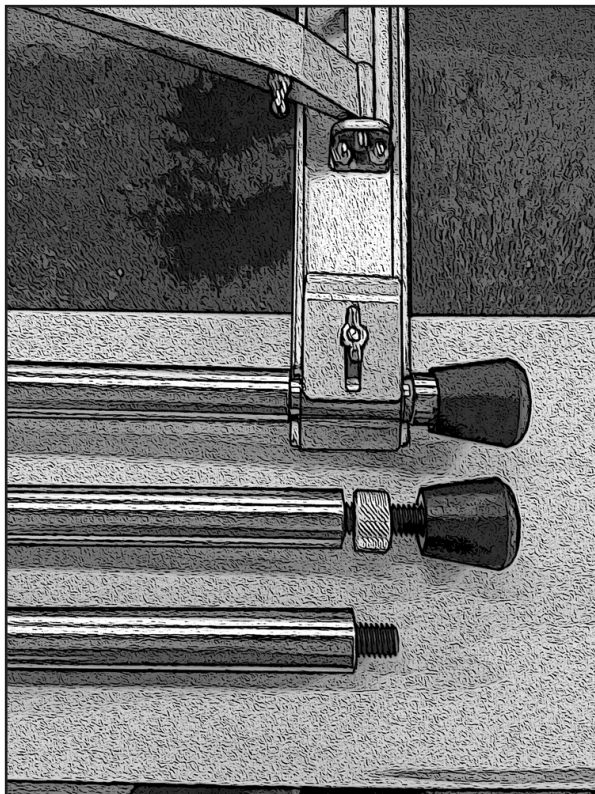
Install the front legs in the threaded leg sockets of the ends of the guitar, this piece is the endplate. The pedal rack will engage the slots in the front legs with the pedals being located on your right. Move the slide plate over the leg and tighten the wing nuts.

Now install the pedal rods by hooking one into the crank actuator in the direction shown in the figure below. Connect the rod ends to the pedals by pulling the spring loaded outer sleeve of the rod end down towards the guitar, engage the ball joint on the pedal, and release the outer sleeve with the slot engaging the ball stem. The rods are number 1-3, as are the white nylon pedal stops on the inside of the front.



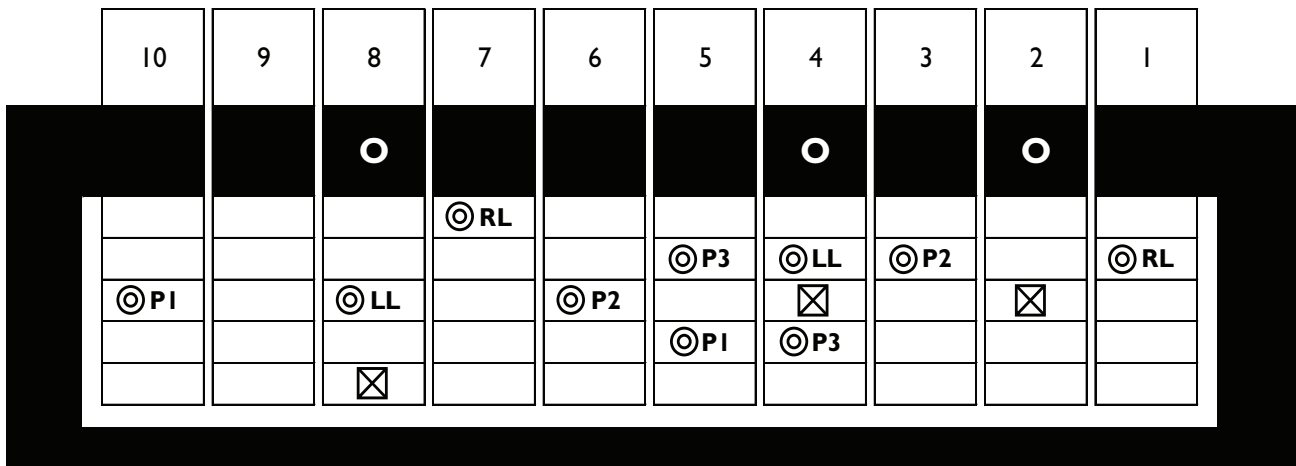
Now screw in the two back legs (the two nearest you). Your pedal steel is now ready to be lifted from the case and turned right side up on the four legs.

The length of the rear legs may be adjusted so as to level the guitar on uneven surfaces, or to tilt the guitar a little bit forward or back if desired.



## TUNING CHART

Note	Gauge	Hertz	P1 (A)	P2 (B)	P3 (C)	LL (F)	LR (D)	RL (G)	RR (E)
F#	0.013	441.5						G 441.5	
D#	0.015	439							D 439
G#	0.011	429		A 441					
E	0.014	442.5	C# 438.5		F# 439.5	F 435.5	D# 440.5		
B	0.017	442		A 441	C# 438.5				
G#	.022W	439							
F#	.026	441.5						G 441.5	
E	0.03	442.5				F 435.5	D# 440.5		
D	0.034	441.5							
B	0.038	442	C# 438.5						



⊙ = Turn clockwise to raise    ☒ = DO NOT ADJUST    ◉ = Lower Adjustment - Turn clockwise to raise pitch - screw in top

### *Changer Endplate view of Guitar*

**Procedure:** Tune the open strings to the notes on the chart above. Tune the engaged pedals and knee levers to the notes on the chart above. The strings that are raised in pitch are adjusted with the white nylon hex nuts in the endplate cutout.

The strings that are lowered in pitch are adjusted with the socket head screws in the upper end plate.

Pedals 1 & 2 are to be tuned with both 1 & 2 pedals down Pedal 3 is to be tuned with pedals 2 & 3 down.

Volumes have been written regarding the proper way to tune a pedal steel, with convincing arguments to be made for differing opinions.

Peterson brand tuners are programmed with the settings from the above charts, as well as other settings.

These are a good starting point. Other tuners and phone apps also have special compensated tuning sweeteners for the steel guitar. Your ear is the final judge and it all has to be learned. You don't need a special tuner, you will just need a tuner with numerical readout.

If you change strings often and use the recommended string gauges, the tuning nuts will rarely need to be adjusted and only minimally. Use of a .022 WOUND is HIGHLY recommended for string six as it helps the overall sound and playability of the guitar.

GHS Stainless strings are standard equipment. Unfortunately the pre-packaged sets directly from GHS are not exactly the same sizes we use. The Steel Guitar Forum Store packages a GHS Original Stage One set.

Custom Sets are available from: [Live Steel Strings](#)

Custom **StageOne Sets** available from: [Steel Guitar Forum Store](#)