



# Music City Manufacturing Company

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## 1. TUNING

1. Tune the strings open on to a basic tuning with keys.

**NOTE: ON NEW STRINGS, PULL THE STRINGS UNTIL ALL THE STRETCH IS OUT AND THEN RE-TUNE.**

## 2. TUNING PEDALS

A. Starting with the first pedal - Push the pedal down against adjustable stop and tune the strings being raised or lowered by tuning the corresponding Allen nuts until the proper pitch is reached. Then lock the nut down so the stop will not move.

B. After tuning all the strings, raise or lower on the first pedal. Move on to the second pedal, etc., until all the pedals are tuned. While tuning, push the pedal several times to check accuracy of both open and pedal tunings.

**NOTE: WHILE TUNING ANY PEDAL, LEAVE ALL THE OTHER PEDALS UP SO THAT THEY ARE NOT AFFECTED WHILE TURNING THE THUMB NUT.**

C. After tuning all the pedals on that neck, repeat the above steps on the second neck.

## 11. CHANGING OR ALTERING PEDAL SET-UP

1. We suggest that you first familiarize yourself with the changes that are to be made by making a chart similar to our pedal set-up chart. Use it as a guide while making the new changes.

2. You will note on the roller bridge mechanism that there are a pair of bars on each string actuator which, when pulled, will either raise or lower that string. You will see that there are corresponding pulling brackets on each foot pedal mechanism with holes that line up with the holes on both the raise bars and the lower bars.

3. Using your chart as a guide, put the rod through the proper bar on the string actuator and push it through the corresponding pulling brackets. Put an adjustable collar behind the foot pedal mechanism that is to actuate the string. After all the adjustable collars are in place, hold the 1/8" tuning rod so that there is no play backward or forward and lock the set screw on adjustable collar to the 1/8" shaft. You are now ready to turn the instrument upright and tune to open tuning.

**NOTE: BEFORE PUTTING THE ADJUSTABLE COLLAR ON, SCREW THE COLLAR CLOCKWISE UNTIL IT BOTTOMS OUT: THEN TURN COUNTER-CLOCKWISE FOUR COMPLETE REVOLUTIONS. THIS WILL ALLOW THE COLLAR TO BE ADJUSTED EITHER IN OR OUT.**

### III. ADJUSTING PEDAL STOPS

1. The adjustable pedal stops are set at the factory for the Nashville set-up. They should not require adjustment unless pedals are altered. (As illustrated below.)
2. After changes are made by following steps 1, 2, and 3, push pedal down against adjustable stop and adjust the stop until the string requiring the most travel reaches its proper pitch. Then follow steps 1 and 2.

NOTE: THE ADJUSTABLE PEDAL STOP SHOULD BE ADJUSTED SO THAT THE STRING REQUIRING THE MOST TRAVEL, ON EITHER OF THE TWO NECKS WILL REACH ITS PROPER PITCH.

### PEDAL SETUP AND STRING GAUGES

#### E 9th Chromatic Neck

Individual string note & gauge	Foot Pedals			Knee Pedals	
	1st	2nd	3rd	R-L	L-L
1. F# - .014					(D)
2. Eb - .015		(A)			
3. G# - .011 or .012			(F#)	(Eb)	
4. E - .015			(C#)		
5. B - .018	(C#)				
6. G# - .022 wound or plain		A			
7. F# - .026 wound					
8. E - .032 wound				Eb	F
9. D - .034 or .036 wound					
10. B - .036 or .038 wound	C#				

#### C 6th Neck

Individual string note & gauge	Foot Pedals					Knee
	4th	5th	6th	7th	8th	R-L
1. G - .012 or .013		G#				
2. E - .015			F			
3. C - .018				(D)		B
4. A - .020	(B)			B		
5. G - .026 wound		(F#)				
6. E - .032 wound			(Eb)			
7. C - .036 wound						C#
8. A - .044 wound	B					
9. F - .056 wound		F#				Eb
10. C - .070 wound		D				(A)

Circle around note indicates the string requiring the most travel on that pedal. The adjustable pedal stop should be set to this note.