

Floyd Rose®

FRX
SURFACE-MOUNTING TREMOLO SYSTEM

Installation Instructions



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FRX Installation Foreword

Congratulations on your purchase of the Floyd Rose FRX Tremolo System! The FRX is designed as a surface-mounting, retrofitting tremolo replacement for the Tune-O-Matic/stopbar tailpiece style bridge.

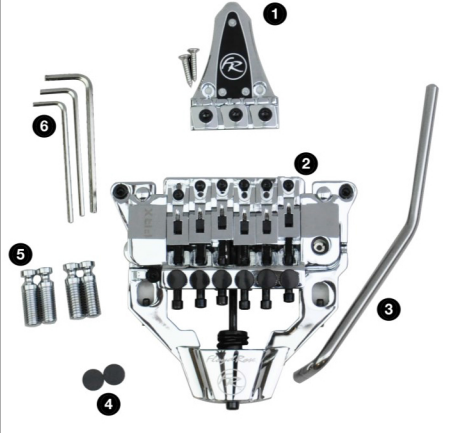
PLEASE NOTE: On some guitars, particularly LP Customs, the neck angle is not sufficient to allow the FRX to work without slight modification to the body. The receiving portion of the spring tension transfer rod on the base plate extends slightly below the bridge and may rest on the body unless a tiny channel is routed. Keep this in mind during the installation process. Height adjustment screws should be adjusted all of the way down as in the Fig. 1 below to avoid the cone from resting on the guitar body:

Fig. 1



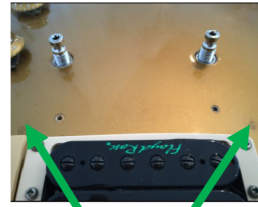
FRX Package Contents

Fig. 2



- 1) FRX locking nut/truss rod cover with two mounting screws & three nut clamps
- 2) FRX tremolo bridge
- 3) Tremolo arm
- 4) Nylon body guard pads
- 5) (2) M8x1.25P & (2) UNC 5/16-24 mounting studs
- 6) Allen wrenches: (1) 2mm, (1) 2.5mm, (1) 3mm

Fig. 3



Warning: Mounting the FRX without placing the nylon guards on the body will result in an indentation in the finish of the body (As shown in Fig.3). How to place the guards will be described below.

Before continuing to install the bridge, remove the trem-stable ball post as it may interfere with the setup process (Fig. 4)

Fig. 4

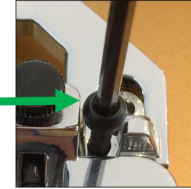
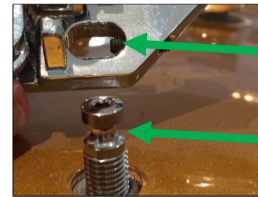


Fig. 5

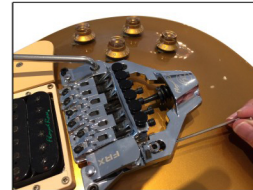


Gross intonation screw

Mounting bolt groove

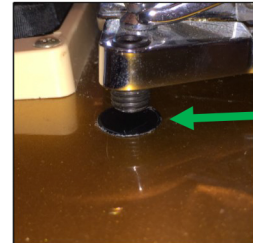
Step 2) Place FRX bridge on the face of the guitar and align the gross intonation screws with the groove in the mounting bolts as shown (Fig. 5)

Fig. 6



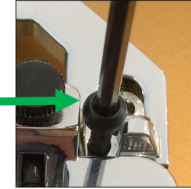
Step 3) Adjust the gross intonation screws until they are all the way in. Then back off of the screws until the bridge can pivot freely. (See Fig. 6)

Fig. 7



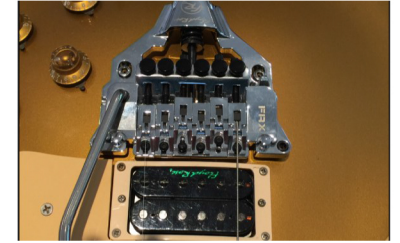
Peel the back off of the nylon protection discs and place them under the height adjustment screws, sticky side down. (See Fig. 7)

Fig. 4



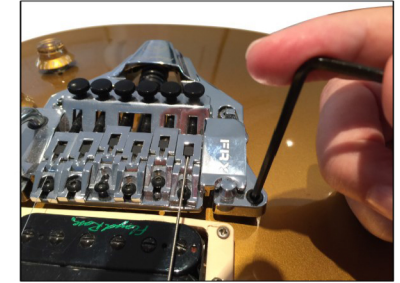
Step 4) Install the high E and low E strings on the guitar (Fig. 8). Adjust the action of the two E strings to the desired height (Fig. 9). Make sure that both sides of the bridge are the same height off the body when viewed from the back as shown in Fig. 10.

Fig. 8



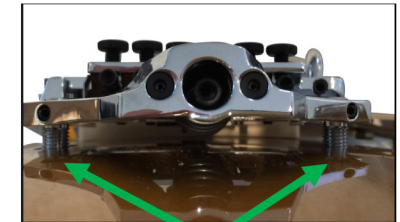
Install the high and low E strings (Fig. 8)

Fig. 9



Adjust the action of the high E and Low E with the height adjustment screws. Once you have achieved the desired action, look under the bridge to make sure that the cone is not resting on the body. Check to see if the height adjustment screws are in contact with the nylon discs. If the action of the high E is too high and the height adjustment screw is not touching the disc then you can lower the mounting bolt a little on the high E side then recheck and readjust the action. (Fig. 9)

Fig. 10



Check that both sides of the bridge are about equal distance from the face of the guitar. (Fig. 10)

Tip: When installing the strings into the clamping saddles the wrench may be difficult to insert into some of the clamp screws. To remedy this you can either push down on the tremolo arm to expose the hex screws for easier access or screw the trem-stop thumb screw up until the ends of the clamping screws are accessible. If you change the height of the trem-stop thumb be sure to reset it to the proper position shown in fig. 14 before continuing.

Step 5) Position the FRX locking nut on the headstock. Drill two attachment screw holes and fasten the locking nut to the headstock with the attachment screws.

Fig. 11

Drill attachment screw holes here.



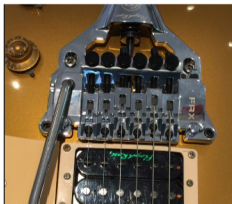
Position the FRX locking nut using the two E strings. Before drilling, make sure the strings are seated in the existing nut grooves properly. If they are hovering above the nut, **DO NOT DRILL** and contact us for the Custom FRX locking nut (Fig. 12).

Fig. 12



If the strings properly fit in the grooves, drill a 2.5mm pilot hole and attach FRX locking nut with provided screws.

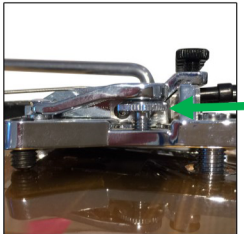
Fig. 13



Step 6)

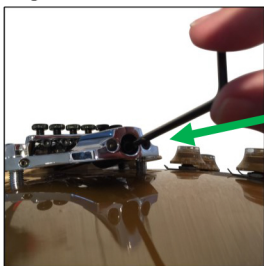
Install remaining strings and tune to standard or desired pitch.

Fig. 14



Make sure the base plate is resting on the trem-stop thumb screw.

Fig. 15

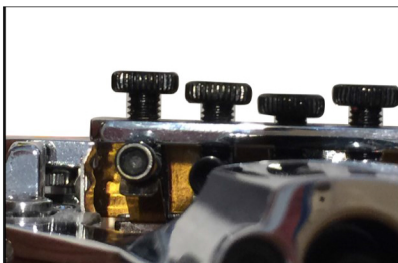


If the base plate is not resting on the trem-stop thumb screw, tighten the spring pressure using the 3mm wrench to turn the spring tensioning transfer rod. (Fig. 15)

Retune after adjusting spring tension.

Step 7) Adjust the fine tuners on the FRX to about the middle of their tuning range, then tune the guitar as accurately as possible using the tuning keys only.

Fig. 16



Tip: Adjust one fine tuner fully up and another fine tuner fully down in their range, then adjust the tuner in the middle to about halfway between the first two fine tuners (Fig. 16). Then adjust all the fine tuners to match the middle position (Fig. 17)

Fig. 17



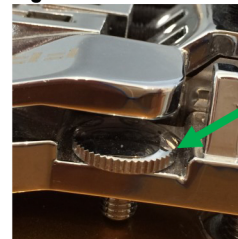
Step 8) Lock the strings using the FRX nut clamps (Fig. 18). At this point the bridge should be in a blocked setup which means that the base plate is resting on the trem-stop thumb screw. In this setup you can not pull up on the tremolo arm for effects. After locking the nut clamps some of the strings will go out of tune, this is normal, so you will need to re-tune using the fine tuners only.

Fig. 18



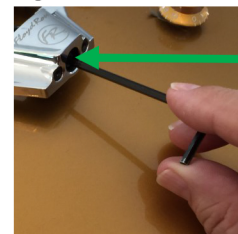
Step 9) You can now convert the bridge to the full floating setup by screwing the trem-stop thumb screw all the way down so that it is out of the way (Fig. 19). The guitar will be completely out of tune when you do this. This is normal. All you need to do now is tune (with an electronic tuner) one string using a 3mm allen wrench to turn the spring tensioning transfer rod (Fig. 20). All of your strings will come into tune simultaneously when you do this and you will be ready to play in the full floating setup.

Fig. 19



Trem-stop thumb screw

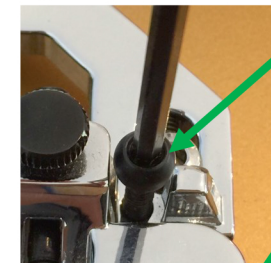
Fig. 20



Spring tensioning transfer rod

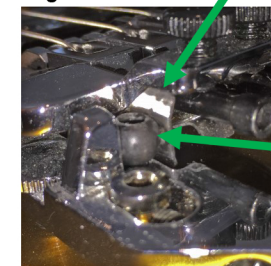
Step 10) If the full floating setup is too sensitive for you, you can now install the tremstable ball post (Fig. 21). This will allow you to do up and down pulls on the tremolo arm and the bridge will come back to a stable tuned position. When the ball post is installed you will feel the tremstable device engage and disengage when you activate the tremolo arm. This is normal.

Fig. 21



Screw in the ball post until it aligns with the indentation in the leaf spring attached to the base plate.

Fig. 22



Once roughly aligned you can fine tune the ball post position by tuning one string over again by turning the ball post. This completes the tremstable setup.

For Floyd's video installation instructions, scan the QR code below to head to the FRX product page or check out our YouTube channel, OfficialFloydRose.

