PRECISION BASS PLUS



THE SOUND THAT CREATES LEGENDS

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Thank You . . .

We are pleased that you have selected one of our fine quality Fender basses. This instrument combines the highest quality components with the finest workmanship and is warranted to give you complete satisfaction.

Your new bass contains many features developed by Fender's engineering staff. As a result, you are assured of receiving an instrument of superior quality, lasting beauty and exceptional playability.

We urge you to take the time to read this manual and familiarize yourself with the many new features and capabilities of this instrument.

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MODEL	19-7500 Precision Bass Plus	19-7502 Precision Bass Plus
Adjustable Sensors	1 Silver P-Bass 1 Silver J-Bass	1 Silver P-Bass 1 Silver J-Bass
Nut	Cyclovac	Cyclovac
Keys	Schaller, Adjustable	Schaller, Adjustable
Selector Switch	3-position	3-position
Controls	1 Volume 1 TBX 1 Series/Parallel Switch	1 Volume 1 TBX 1 Series/Parallel Switch
Scale Length	34" (863.6 mm)	34" (863.6 mm)
Fretboard	Rosewood	Maple
Radius	9-1/2" (241.3 mm)	9-1/2" (241.3 mm)
Frets	22	22
Output Jack	Body/Top	Body/Top

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VOLUME CONTROL

The Volume Control allows you to regulate the overall output of the instrument.

TONE CONTROL

The P-Bass Plus has a unique tone circuit that features Fender's TBX Tone Control (Patented).

The TBX Control has a center detent postion that provides the standard Fender sound. Rotate the control counterclockwise from the detent position and it works like a normal tone control, while rotating the knob clockwise actually shifts the frequency response of the pickup, producing increased presence and brightness.

FENDER-LACE SENSORS

The Silver P-Bass® and Silver J-Bass® Sensors on your P-Bass Plus are fully adjustable for height and matched string volume.

Fender-Lace Sensors are superior to conventional pickups in that they offer true harmonic response, reduced noise, and a low magnetic pull on the strings.

SERIES/PARALLEL SWITCH

Your P-Bass Plus features a Series/Parallel Switch. The "Up" position puts your Sensors in a Parallel configuration, giving clear, bell-like tones. "Down" position puts your Sensors in a Series configuration,

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which produces a hotter output signal with a lot more bottom end.

FINE TUNING BRIDGE ADJUSTMENT

The P-Bass Plus features Fine Tuning Adjusters (Patented) that allow convenient, precise tuning at the bridge.

ADJUSTABLE BRIDGES

The bridge saddles on your P-Bass Plus are individually adjustable for both string height and intonation.

String Loading

The bridge on the Fender P-Bass Plus features a top load stringing system. The strings are inserted into the holes behind the bridge plate. Pull each string into its own individual hole and string the bass as normal.

DELUXE TUNING KEYS

Your Fender P-Bass Plus has been equipped with Fender designed Tuning Keys. These high quality keys feature a tension adjustment screw located at the tip of the tuning key.

Turning this screw allows you to adjust the tightness of the key to suit your personal preference.

BI-FLEX TRUSS ROD (Patented)

Each Fender bass is carefully adjusted at the factory. The truss rod and string height are set for optimum

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action and playability with regular gauge strings.

Under normal tension, the neck should have a slight concave curvature. By creating a counteracting force, the truss rod prevents the neck from bending excessively under the stress placed on it by the strings.

The unique Bi-Flex Truss Rod allows adjustment of the neck in two directions: convex *and* concave.

NECK ANGLE ADJUSTMENT

The Fender P-Bass Plus features a 4-bolt neck mounting for adjusting the angle of the neck to the body. Fender instruments are designed using almost no neck angle. They are adjusted at the factory to maximize the adjustment features of the bridge section.

You can custom adjust the neck angle to change the height of the strings from the body surface. This will necessitate readjusting the bridge height to accommodate your playing style.

SECURITY LOCK-STRAP SYSTEM

Fender P-Bass Plus basses are equipped with security lock-strap buttons. Attach the specially designed locks directly to your strap. Slip the locking mechanism over the strap button and pull it into position until it snap locks. Your strap is now secure on the instrument and cannot be removed until you pull the lock release button.

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ADJUSTMENT PROCEDURES

(We recommend that any repairs or adjustments be performed by an Authorized Fender Dealer. If you elect to make any adjustments yourself, please read the following instructions thoroughly before beginning.)

Because of travel, climatic conditions and differences in playing styles, you might need to adjust your Fender P-Bass Plus bass. The following procedure outlines the standard measurements set at the factory.

To make these adjustments, you will need the following:

1 - 2mm Allen Wrench (supplied)
1 - 1/8" Allen Wrench (supplied)
1 - Capo
1 - Feeler gauge
1 - 6" Mechanics ruler

1. Tuning

Turn the Fine Tuning Adjusters so they are exerting some downward pressure on the strings, at about the halfway point. Tune the instrument to standard pitch. The Fine Tuning Adjusters can be used to precisely tune the instrument–clockwise to raise the pitch, counterclockwise to lower the pitch.

2. Adjust Neck Angle

If you wish to increase or decrease the amount of neck angle, be sure to check the height of the bridge

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saddles to insure that they are not already at the extreme limits of adjustment. They will determine how much neck angle you can have. You cannot increase or decrease the neck angle beyond the adjustment range of the bridge saddles.

To adjust the neck angle, loosen the four neck plate mounting screws. The two screws nearest the edge of the body should be loosened about 1/4-turn each. The two screws located toward the center of the body should be loosened approximately 2 turns.

Insert the special 1/8" Allen wrench into the hole in the neck mounting plate. Rotate the wrench, gently, until you feel it engage in the hex socket. Turn the wrench clockwise if you wish to increase the amount of neck angle, counterclockwise if you wish to decrease the amount of neck angle.

After the adjustment is complete, re-tighten the four neck plate screws, being careful not to over tighten. The screws should be tightened until they feel completely seated, but should not be forced. Over-tightening can cause cracking of the fretboard. Re-check the Allen screw to make sure it is not loose and will not vibrate.

3. Adjust Neck Curvature

Sight down the neck and check for irregularities. Install a capo at the first fret, depress the 4th string at the last fret with your left hand. Using a feeler gauge, check the gap between the bottom of the 4th string

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and the top of the 8th fret. The string clearance should be between .012" and .022". No other fret should show a gap greater than that measured at the 8th fret. No intermediate frets should be higher than the line running from the first to the last fret.

If an adjustment is necessary, insert the 1/8" Allen wrench into the truss rod adjustment hole. Rotate it gently until you feel it engage in the hex socket.

As you sight down the neck from the headstock, if it is too concave, turn the wrench clockwise. If it is too straight or convex, turn the wrench counterclockwise while periodically checking the gap with the feeler gauge.

Repeat the same check using the first string. **Periodically re-check tuning for standard pitch.** If the nut feels loose and the neck is still not correctly adjusted, continue turning the wrench counterclockwise until you begin to feel some resistance.

If extreme resistance is felt while adjusting in either direction, **do not** continue adjusting. Take the instrument to the nearest Authorized Fender Dealer or service center for inspection.

4. Set Bridge Height

The bridge may be adjusted to the desired height by turning the two Height Adjustment Screws on each bridge section. The recommended string clearance at the twelfth fret is:

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3/32" (±1/64")

5. Adjust Intonation (Recheck tuning)
The Bridge also allows length adjustment of each string to assure perfect intonation. For greater accuracy, these adjustments should be made when strings are in new condition.

Using an electronic tuner—and with the tone control rolled off to "0"—check the intonation of each string by playing the 12th fret harmonic and comparing it to the actual fretted note. The pitch should be the same (±1 cent).

6. Set Pickup Height
The Fender-Lace Sensors (Pat. pending) on the P-Bass Plus models are fully adjustable for height. Adjustments are made by turning the Sensor Adjustment Screws located at each end of the sensors.

Depress all strings at the highest fret. Check the distance from the bottom of the 1st and 4th strings to the top of the Sensor. The measurements (set at the factory) should be as follows:

1st string:	1/16" (1.6mm)
4th string:	3/32" (2.4mm)

Note: Contrary to conventional polepiece pickups, setting the Fender-Lace Sensors close to the strings produces increased dynamic range, balanced

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frequency response and optimum fast, easy action due to the low magnetic pull on the strings. Therefore, best results are often obtained by having the Sensors set closer to the strings than specified above.

7. Check for Fret Rattles

With the instrument plugged into your amplifier and the pickup selector switch set to the neck pickup position, pick in the area between the neck and bridge pickups. Play each fret position to determine that the strings do not buzz or rattle against successively higher frets.

Due to differences in playing styles and picking techniques, action settings that produce no string rattle for one player may rattle when another player plays the instrument. If you have followed all the adjustment procedures listed and set the string action at the recommended setting, but are still experiencing fret rattle, you may require a slightly higher than normal setting to accommodate your style of playing. If you still experience difficulties, take the bass to an Authorized Fender Dealer or service center.

CARE OF YOUR FENDER P-BASS PLUS

Your new P-Bass Plus is precision made to give you many years of satisfaction. A few simple maintenance procedures will help you keep your instrument playing like new.

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After you have finished playing, thoroughly wipe the entire bass, including the strings, with a clean, soft cloth. A regular routine for cleaning your instrument with Fender Polish is recommended.

Avoid exposing the bass to any chemical or substance that might mar the finish, as well as to direct sunlight or other sources of excessive heat, humidity or shock.

You must use extreme caution when a thoroughly chilled instrument is to be played. It is important to avoid sudden changes in temperature since this may cause checking to the finish. While this condition does not affect the tone, it does mar the finish.

Let the instrument warm up safely in its own case. Then open the case gradually, allowing warm air to enter slowly. After the instrument is removed, leave the case open so it too can warm up thoroughly. If exposure to temperature extremes is unavoidable, as during shipping, string tension should be reduced to avoid possible damage.

Change your strings often. Dirty, corroded or worn strings cause loss of sustain, loss of treble frequencies and faulty intonation.

If your bass needs repair, refer all such work to your Authorized Fender Dealer whose trained personnel and complete service facilities assure your satisfaction.

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LIMITED WARRANTY

This limited warranty against defects in material and workmanship applies only to the original retail purchase. IMPORTANT: PLEASE RETAIN YOUR SALES RECEIPT, AS IT IS YOUR PROOF OF PURCHASE COVERING YOUR ONE YEAR LIMITED WARRANTY.

Defective parts will be repaired or replaced without charge if the product is returned to any Athorized Fender Dealer or Fender Service Center. Any service performed by other than an Authorized Fender Dealer or Fender Service Center is not reimburseable under the warranty. Transportation costs are not included in this warranty.

This warranty becomes void if the serial number is defaced or removed, or the product has been damaged by alteration, misuse, accident, or neglect; or the product has been serviced by persons not authorized by Fender Musical Instruments. The company assumes no liability for property damage of any sort which may result from the failure of this product. Any warranties implied by law are limited to the duration of this express limited warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitations of incidental or consequential

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damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you also have other rights which vary from state to state.

Have service performed by any Authorized Fender Dealer or contact:

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