

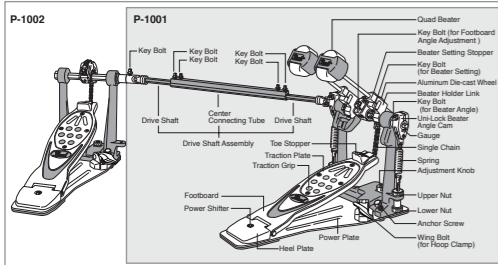
PEARL TWIN PEDAL COMPLETE

P-1002 / P-1002L

P-1001 (Primary Pedal Only)

Instruction Manual

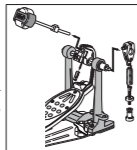
Congratulations on your purchase!
To get optimum performance of your PowerShifter ProStock Pedal, please read this Instruction Manual before playing.



NOTE:
The P-1001 includes one Quad Beater.
The P-1002 / 1002L / 1001 comes with Single Chains attached at the factory.

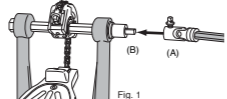
NOTE:
The P-1001 Add-on system works with your existing P-1000 single pedal to convert it into a double pedal. Your P-1000 single pedal will be used as the Secondary pedal in this configuration and placed on the left side of the P-1001.

Before attaching the P-1001 prepare your P-1000 pedal by first removing the following parts: the beater angle cam, spring assembly, beater, and the key bolt for tightening the beater shaft as shown in the diagram on the right.

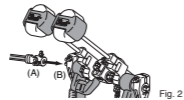


BASIC SET-UP

Connect one end of the Drive Shaft Assembly (A) to the short extension of the axle of the Secondary pedal (B) as shown. (Fig. 1)

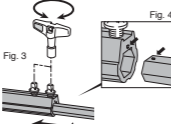


Connect the other end of the Drive Shaft Assembly (A) to the short extension of the axle (B) on the left side of the Primary pedal as shown. (Fig. 2)



Note:
You may need to rotate the Drive Shaft Assembly to bring the footboard of the Secondary (left) pedal to the proper playing height (angle) before attaching the Drive Shaft Joints (A) to the Primary Pedal.

Loosen the Key Bolts on the Center Connecting Tube of the Drive Shaft and adjust the distance between the Primary pedal and the Secondary pedal to your liking. Re-tighten the Key Bolts. (Fig. 3)

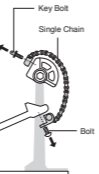


Note:
If the drive shafts are extended too far, they will separate from the Center Connecting Tube. Reassemble them with the dots aligned as shown in (Fig. 4)

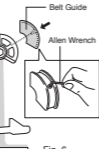


Convertible Single Chain / Belt Drive System
The P-1002/1002L/1001 feature a Convertible Single Chain/Belt System. The Single Chain Drive is attached on these pedals at the factory, however, it can be easily removed to install the included Belt Drive System.

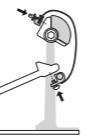
Chain Removal
To remove the Chain, remove the Key Bolt and Bolt as shown in Fig. 5



Belt Assembly
Before attaching the Belt, the Belt Guide must be installed. Install the Belt Guide as shown in Fig. 6 using the provided Allen Wrench to tighten the set screw. Do not over-tighten.

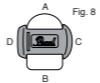


Next attach the Belt as shown in Fig. 7 using the provided Key Bolt and Bolt.



Quad Beater

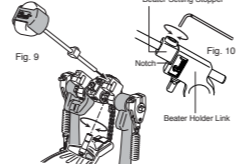
The Quad Beater has four striking surfaces, each capable of producing a different sound. Please refer to the following chart to determine the sound best suited to your playing style (Fig. 8).



Surface	Surface Material	Contact Area	Sound
AD	Felt	Spot	Warm Sound with Sharp Attack
BC	Felt	Line	Warm Sound with Fat Attack
CD	Plastic	Spot	Hard Sound with Sharp Attack
DD	Plastic	Line	Hard Sound with Fat Attack

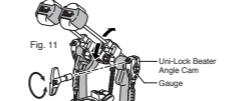
Beater Setting

Insert the Quad Beater into the Beater Holder Link with the desired striking surface facing toward the bass drum head and tighten the Key Bolt to set the Quad Beater at the desired height (Fig. 9). To retain the height setting and to keep the Quad Beater from rotating while playing, loosen the Allen Screw on the Beater Setting Stopper with the provided Allen Wrench and slide the Beater Setting Stopper into the notch of the Beater Holder Link (Fig. 10).



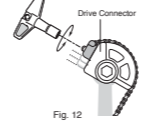
Beater Angle Adjustment

The Beater Angle can be adjusted by loosening the key bolt on the Uni-Lock Beater Angle Cam and swinging the beater to the desired angle. Re-tighten the key bolt when the desired angle is achieved. A gauge is provided on the side of the Uni-Lock Beater Angle Cam to aid the setting process. (Fig. 11).



Footboard Angle Adjustment

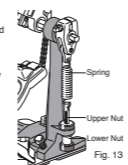
The footboard angle is adjustable by loosening the Key Bolt as shown (Fig. 12) and sliding the Drive Connector of the chain or belt to one of three positions and re-tightening the key bolt.



Note: Removing the beater first facilitates easier footboard angle adjustment. Changing the footboard angle does not change the beater angle.

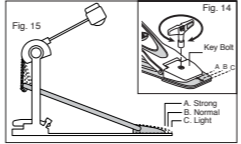
Spring Tension Adjustment

To increase the tension of the spring, loosen the Upper Nut and tighten the Lower Nut until the desired tension is achieved. To decrease the tension, loosen the Lower Nut. This adjustment assembly employs a double nut system to retain tension settings. Before playing, make sure that both nuts are tight. (Fig. 13)



PowerShifter

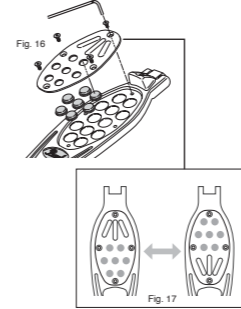
The PowerShifter function allows you to change the feel and action of the pedal by shifting the footboard toward or away from the bass drum. To change the PowerShifter setting, loosen the key bolt in the heel of the footboard and move the footboard to the desired position: A, B or C. Re-tighten the key bolt (Fig. 14,15).



(CAUTION!)
The heel must be flush with the Power Plate, or damage to the pedal may result.

Traction Plate and Traction Grip Adjustment

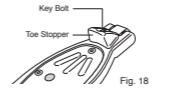
The Traction Plate is reversible to provide just the right amount of grip at either the front or rear of the footboard. The Traction Grip dots can be removed as needed to custom tailor the amount of traction for your personal playing style. For either adjustment, remove the four Allen screws holding the Traction Plate with the included Allen Wrench. The Traction Plate can then be reversed, the Traction Grip dots removed and rearranged, or both. **Note:** When reattaching the Traction Plate, finger-tighten the four screws to prevent cross-threading then tighten the screws securely. (Fig. 16,17)



(CAUTION!)
Always use the pedal with the Traction Plate mounted to prevent possible injury to your foot.

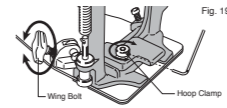
Toe Stopper

The Toe Stopper prevents your foot from sliding into the chain or belt while playing. If you prefer, it can be easily removed by undoing the key bolt as shown in (Fig. 18).

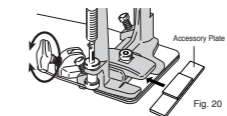


Hoop Clamp System

To attach your pedal to the bass drum, slide the bass drum hoop between the Hoop Clamp and the bottom lip of the pedal. Square the pedal then tighten the Wing Bolt to secure the pedal to the bass drum. If the bass drum hoop doesn't fit or if the heel of the pedal jumps up while playing, loosen the Allen screw with the provided Allen wrench and turn the Adjustment Knob to compensate. Securely tighten the Allen screw when done. (Fig. 19)

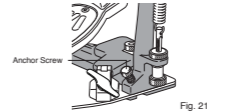


Clamp the provided Accessory Plate under the hoop clamp of the Secondary (left) pedal to prevent any unwanted noise from the hoop clamp. (Fig. 20)



Anchor Screw

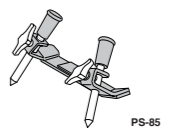
Turn the Anchor Screws clockwise to help prevent your bass drum from sliding. (Fig. 21)



(CAUTION!)
The tips of the Anchor Screws are sharp thus it is HIGHLY RECOMMENDED to use a rug or carpet to protect floor surfaces.

Optional Pedal Stabilizer (PS-85)

To help prevent the Secondary (left) pedal from slipping, the PS-85 Pedal Stabilizer is available separately. The PS-85 features convertible spike/roller tips and attaches to the hoop clamp of the Secondary (left) pedal.



CAUTION

- Take care when handling or moving the fully assembled Twin Pedal to prevent damage to the Drive Shaft and its components.
- Periodically check all Allen Screws for tightness and tighten them with the provided Allen Wrenches as needed.
- Periodically apply lube to all moving parts such as the Chain, Cam Roller, Footboard Hinge, etc. for optimal speed and extended life of your pedal. Bearings should be lubricated with grease, not liquid oil.



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