Read through this manual first before starting to use.

Thank you for your purchase of the Dyna-Sync Drum Pedal. To ensure safe and efficient use of this product, please read through this manual before beginning assembly. Store the manual in a convenient place for future reference.

1. Spring Hook (Quick Hook)

Fit the Quick Hook (j) onto the Speedo-Ring’s (b) bearing. If using a twin pedal, repeat this step on the left side spring.

2. Connecting Rod (Only for Twin Pedal)

Attach the Connecting Rod (g) to the left and right pedal cam shafts. To the right pedal (as seen by the player), attach the cam shaft so that the square headed bolts (i) at the end of the Connecting Rod are positioned as shown in Fig.3-R, and use the Drum Hammer to tighten the bolts. In the same way, fasten the rod to the cam shaft for the left pedal (Fig.3-L). When the assembly is done, adjust the distance between the left and right pedal. Loosen the square headed bolts (i) with a Drum Hammer, and adjust the Connecting Rod to a desired length. Once the desired position is determined, tighten the square headed bolts (i) to secure it.

3. Hoop Clamp

Adjust the Hoop Clamp opening by turning nut (1). Adjust as necessary to match the thickness of the bass drum hoop. Then loosen the T-bolt (2) and set the pedal onto the drum hoop. Then retighten the T-bolt (Fig.2).

4. Beater

To adjust the length of the beater, loosen square headed bolt (3), move the beater head as necessary, and retighten the bolt (Fig.1).

5. Adjusting the Beater Angle

The angle of the Beater can be adjusted along with the angle of the footboard by loosening the bolt (c) on the Speedo-Ring. You may test the graduations of the Angle Memory Cap, attached to the end of the shaft (The longer line on Angle Memory Cap shows the factory set-up position), by adjusting it a bit at a time (Fig.4-L).

6. Adjusting the Footboard Angle

At the factory standard position is shown in Fig.5. The highest position is Fig.5-1 and the lowest position is Fig.5-2.

7. Adjusting turning radius of the cam (Slidable Cam)

The turning radius of the cam can be adjusted freely by loosening the square headed bolt (b). When the turning radius of cam is longer, the foot of the pedal is lighter. When the radius is shorter, the feel of the pedal is heavier and the footboard returns faster.

8. Adjusting the Spring Tension

Adjust the spring tension using the Adjusting nut on the lower end. When adjusting the spring tension, first loosen the lock nut (Fig.7-2), and then turn the adjusting nut while pressing down on the locknut as in Fig.7-2. Tightening the nut makes the pedal’s resistance heavier, but the beater’s return time is correspondingly faster. Once the desired tension is reached, secure it by tightening the lock nut as in Fig.7-3.

9. Sync Coil

The Sync Coil is a spring that assists the return of the foot board, allowing smoother and faster pedal action.

10. Pedal Anchor

When setup is completed, manually adjust the Pedal Anchor bolts on the left-side pedal as necessary (Fig.8).

Maintenance

- To maintain a smoother action for extended period of time, wipe clean as necessary with a dry cloth. Note that bearings and hinges are lubrication oil-free design and do not require lubrication.
- The fixed screw in the back side of the under plate or fixing bolts of other parts may become loose due to vibration during playing or transport. Please retighten as necessary using the attached wrench or a Phillips head screwdriver.

Part Names

- Beater (Dyna-Beater)
- Speedo-Ring
- Quick Hook
- Angle Memory Cap
- Hoop Clamp (Para-Clamp Pro)
- Spring
- Sync Coil
- Footboard
- Drum Hammer
- Connecting Rod

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TAMA DYNA-SYNC DRUM PEDAL INSTRUCTION MANUAL

TAMA HOSHINO GAKKI CO., LTD. 〒461-8717 愛知県名古屋市東区橦木町 3-22

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