SPL
SOUND PERCUSSION LABS

UNITY BIRCH

DBX5522 Drum Set Owner's Manual

ALL BIRCH
GREAT TONE
POWERFUL PROTECTION

5-Piece All Birch Complete Drum Set
(DBX5522)

Thank you for purchasing this Unity Birch set from Sound Percussion Labs' outstanding line of drums, percussion and hardware.

These instructions should be used as only a general guide. Make adjustments for your comfort and playing style. Experimentation can lead to unique and great experiences in your playing and your music. So experiment with your setup and enjoy!

Also, be sure to visit *www.soundpercussionlabs.com* for more information on Sound Percussion Labs products and support.

Table of Contents

Tom Arms

Hi-Hat Cymbals

10″ Tom

12″ Tom

Crash/Ride Cymbal

Cymbal Stand

14″ Snare

Hi-Hat Cymbal Stand

Remo Batter Head

16″ Floor Tom

Snare Drum Stand

Floor Tom Legs

Drum Key

Drum Throne

22″ Bass Drum

Resonate Head

Bass Drum Pedal
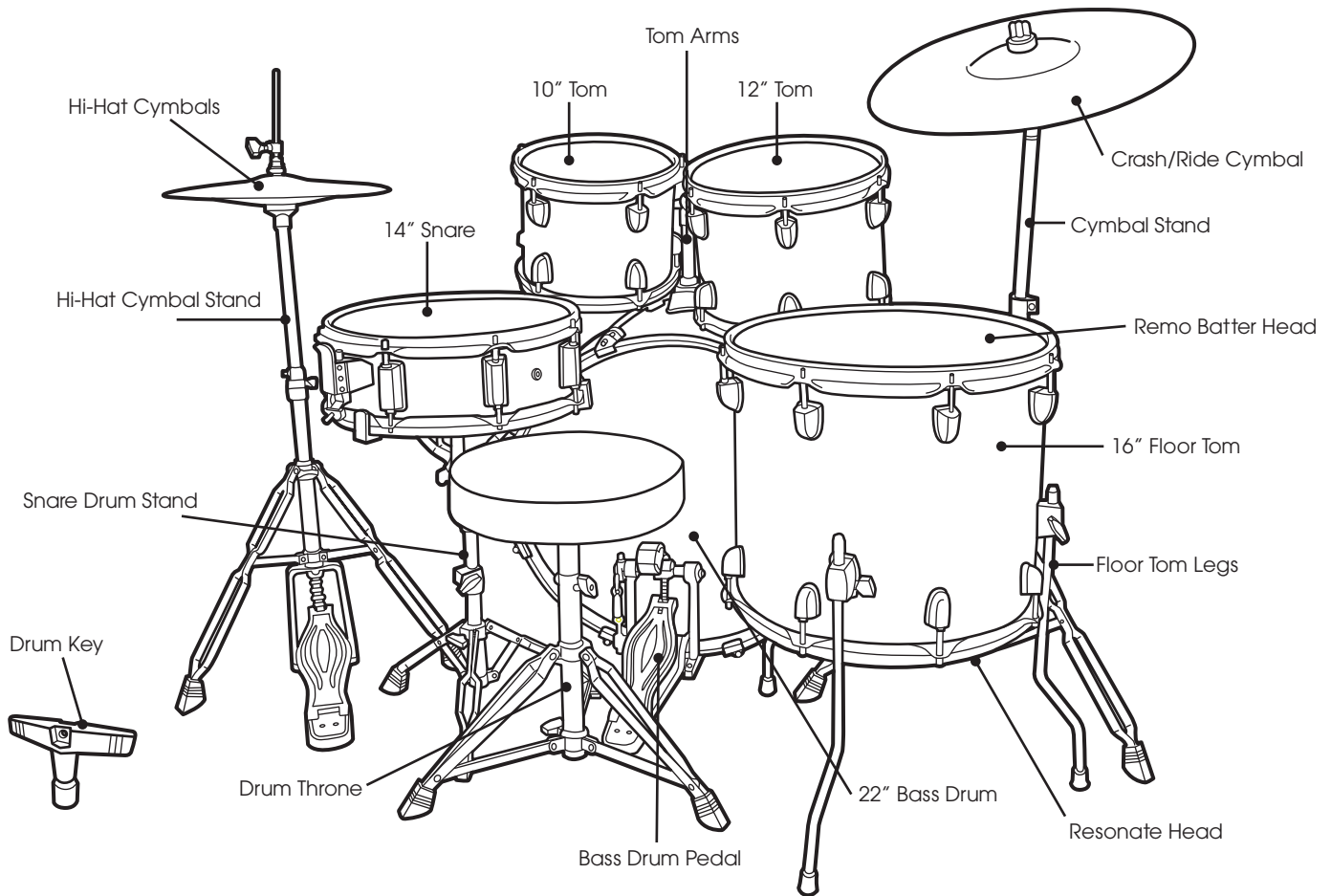
DRUMS INCLUDES:

22 x 16″ Bass Drum
14 x 5″ Snare Drum (Assembled)
10 x 8″ Tom (Assembled)
12 x 9″ Tom (Assembled)
16 x 14″ Floor Tom
16″ Triple Flange Steel Hoops x2
22″ Matching Wood Bass Drum Hoops x2
16″ Clear Batter Side Drum Head
16″ Clear Resonant Side Drum Head
22″ Clear Batter Side Drum Head
22″ Ebony Resonant Side Front Logo
    Drum Head
Pair of Wood Tip Drumsticks

(UT Batter Side Drum Heads by REMO)

HARDWARE INCLUDES:

Cymbal Stand x1
Hi-Hat Stand x1
Snare Drum Stand x1
Bass Drum Pedal x1
Drum Throne x1
Tom Arms with Memory Locks x2
Floor Tom Legs x3
4″ Tension Rods with Nylon and Metal
    Washers for Bass Drum x16
2.25″ Tension Rods with Metal Washers
    for Floor Tom x16
Drum Key x1

CYMBALS:

18″ Crash/Ride
14″ Pair of Hi-Hats

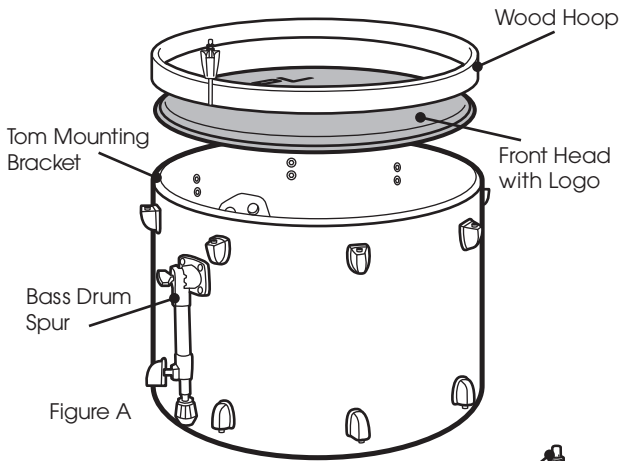# Assembly Instructions: DBX5522

Bass Drum Assembly and Positioning

Wood Hoop

Tom Mounting Bracket

Front Head with Logo

Bass Drum Spur
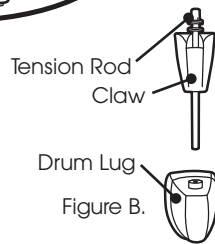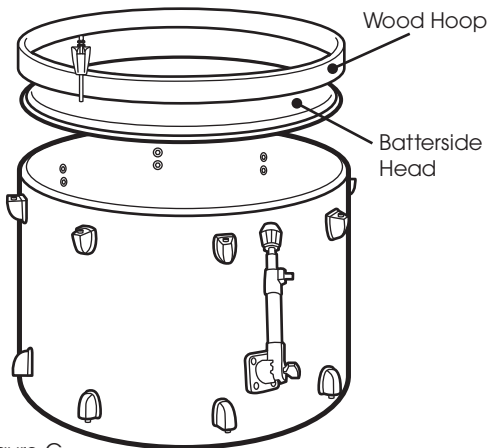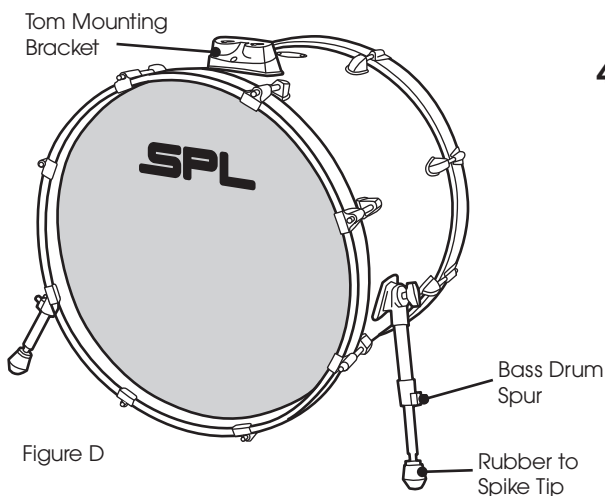
Figure A

1. Place the Bass Drum on a flat surface with the Bass Drum Spurs facing as pictured. Place the Resonant Side Ebony Drum Head with the SPL Logo onto the shell centering the logo along and in line with the Tom Mounting Bracket. Then place one of the Wood Hoops bevel side down onto the Drum Head. Figure A.

Tension Rod

Claw

Drum Lug

Figure B.

2. Assemble the 4" Tension Rod/Nylon Washer/Metal Washer and insert through a Bass Drum Claw. Then hook over the hoop and finger tighten into the Drum Lug. Attach the rest of the 4" Tension Rods/Nylon Washers/Metal Washers/ Bass Drum Claws to this side of the bass drum. Figure B.

Wood Hoop

Batterside Head

Figure C

3. Turn the bass drum over and place the Batter Side Clear Drum Head onto the shell. Then place the other wood hoop bevel side down onto the drum head. Repeat step 2. Figure C.

Tom Mounting Bracket

SPL

Figure D

Bass Drum Spur

Rubber to Spike Tip

Drum Key

4. Place the Bass Drum upright and bring the left and right Bass Drum Spurs forward as shown in Figure D and tighten. Using the supplied Drum Key adjust the length of each spur to raise the front of the bass drum slightly up off the floor. Note that the Rubber Tip Feet screw back to revel a Spike Tip. This allows you to use on any type of flooring. Use the spike tip only on carpeted surfaces.
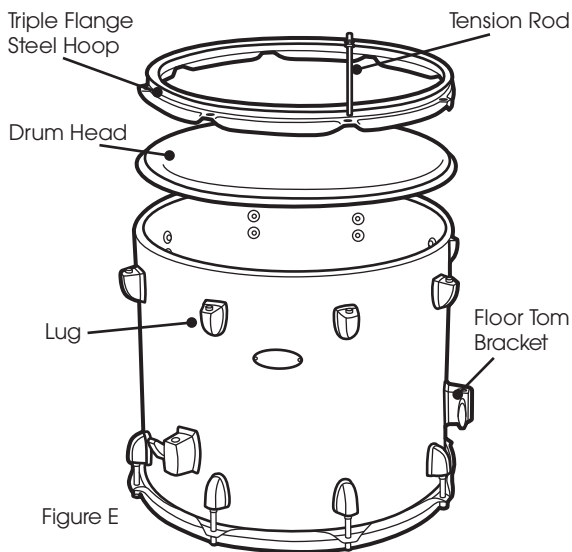
Floor Tom and Leg Assembly

Triple Flange Steel Hoop

Tension Rod

Drum Head

Lug

Floor Tom Bracket

Figure E
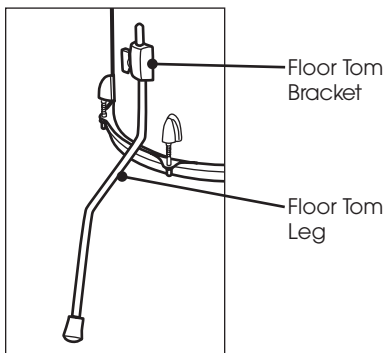
Floor Tom Bracket

Floor Tom Leg

Figure F

1. Position the Floor Tom as shown in Figure E.
   Place the Batter Side Clear Head over the top of the shell.
   Place one Triple Flange Steel Hoop onto the Drum Head.

2. Line up the holes on the hoop over the Drum Lugs and insert the 2.25" Tension Rod/Metal Washer through the hole into the lug and finger tighten. Attach the rest of the 2.25" Tension Rods to this side of the floor tom.

3. Turn the drum over and place the Resonant Side Clear Drum Head over the shell. Place the other Triple Flange Steel Hoop over the drum head. Repeat step 2.

4. Insert the three Floor Tom Legs into the Floor Tom Brackets as shown in Figure F. Tighten to the desired height and angle for playing.
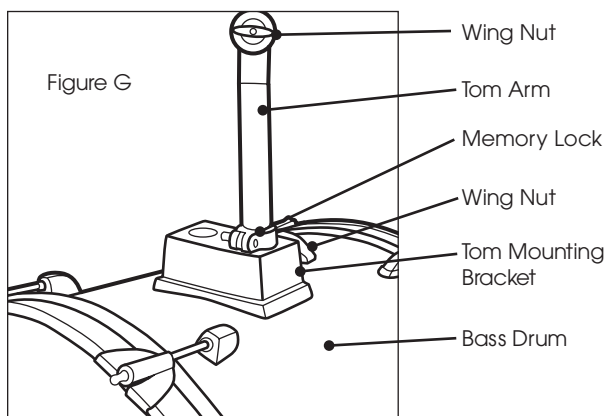
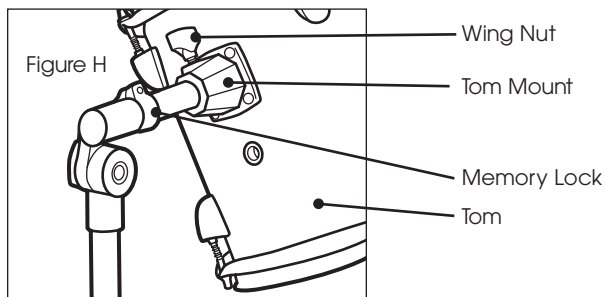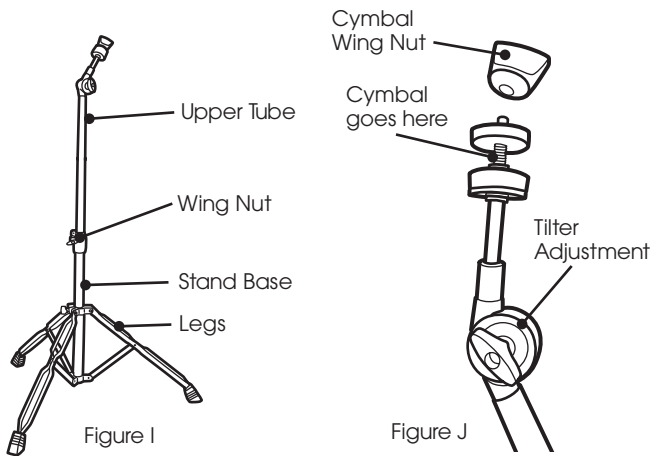## Mounting the Toms to the Bass Drum

Figure G

Wing Nut

Tom Arm

Memory Lock

Wing Nut

Tom Mounting Bracket

Bass Drum

Figure H

Wing Nut

Tom Mount

Memory Lock

Tom

1. Insert long section of the first tom arm a few inches into the Tom Mounting Bracket. Wing nut faces left when standing behind base drum in playing position.

2. Tighten the wing nut on the Tom Mounting Bracket.

3. Loosen the wing nut on the tom arm and angle the top part of the tom arm to just below horizontal and retighten the wing nut. Figure G.

4. Place the Tom Mount of 10" tom onto the tom arm and tighten the wing nut on the tom mount.

5. Repeat Step 1 through 4 for the 12" tom.

6. Adjust height and angle of toms for desired playing.

7. Secure memory locks for additional stability and memory by tightening the collar of the memory lock with the drum key at the mounts of the bass and tom. The next time you need to set up the drums, the memory locks will ensure the same angle and height. Figure H.
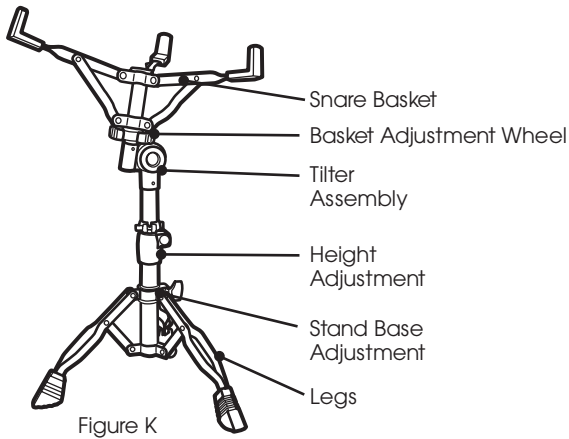
SPL
SOUND PERCUSSION LABS

Hardware: DBX5522

Cymbal Stand Assembly

Cymbal Wing Nut

Cymbal goes here

Upper Tube

Wing Nut

Tilter Adjustment

Stand Base

Legs

Figure I

Figure J

1. Extend legs to open position. Tighten wing nut.

2. Slide upper tube into stand base and set desired height by tightening wing nut. Figure I.

3. Place 18" Ride Crash cymbal in between top and bottom felt. Tighten Cymbal Wing Nut above cymbal only enough to hold cymbal and felts, but loose enough to let cymbal move freely when struck. Figure J.

4. Set desired cymbal angle using tilter adjustment.

Snare Drum Stand Assembly

Snare Basket

Basket Adjustment Wheel

Tilter Assembly

Height Adjustment

Stand Base Adjustment

Legs

Figure K

1. Extend legs to open position and tighten wing nut.

2. Insert upper section that includes snare basket into stand base and tighten the wing nut at the desired height.

3. Adjust the basket to the desired angle with the tilter assembly.

4. Place drum in snare basket. The basket should be adjusted to fit and grip the drum, by tightening Basket Adjustment Wheel counter clockwise. Figure K.
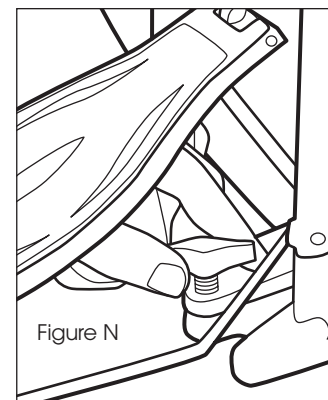
Attaching the Bass Drum Pedal

Beater

Sprocket

Pedal

Figure L

Toe Clamp
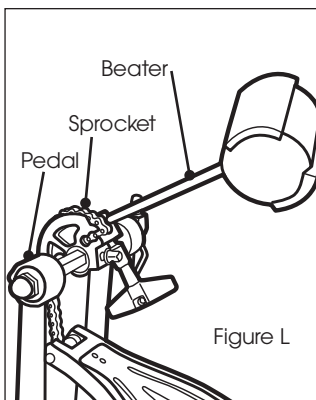
Figure M

Figure N

1. Insert the beater into the bass drum pedal sprocket and tighten with the drum key. Figure L.
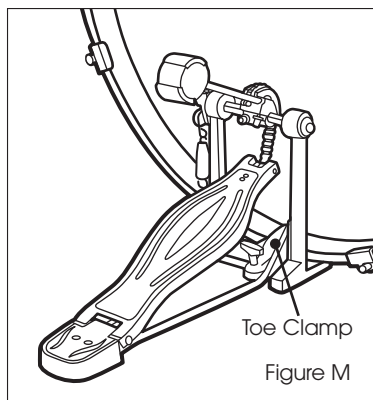
2. Attach bass drum pedal to the bass drum hoop via the toe clamp. Figure M.

3. Tighten the wing nut on the toe clamp until secure. Figure N.

Hi-Hat
Pull Rod

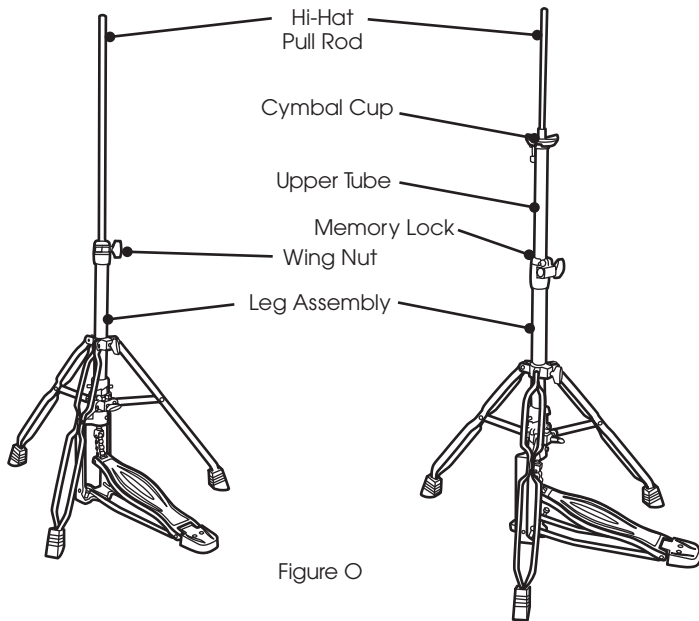Cymbal Cup

Upper Tube

Memory Lock
Wing Nut

Leg Assembly

Figure O

1. Slide upper tube over the hi-hat pull rod and into leg assembly. Tighten the wing nut at desired height and secure Memory Lock. Figure O.

2. Place one hi-hat cymbal over the hi-hat rod and onto the cymbal cup with the bottom side of the cymbal facing up.

3. Remove lower retaining nut and one rubber washer from hi-hat clutch. Place the hi-hat clutch through the top of the second hi-hat cymbal, and reassemble the rubber washer and retaining nut under the cymbal. The cymbal should rest between the two rubber washers. Figure P.

4. Place the hi-hat clutch assembly and cymbal onto the hi-hat rod. Tighten the wing nut on the hi-hat clutch with the top cymbal approximately one inch above the lower cymbal. Stepping down on the hi-hat pedal will engage the two cymbals. Figure Q.

NOTE: Adjust Bottom Tilter slightly to let air escape.
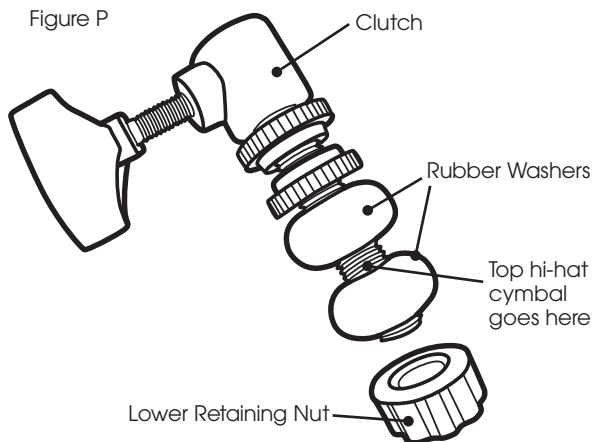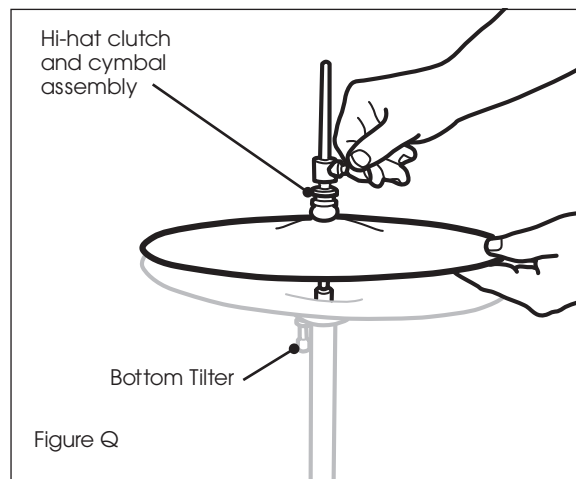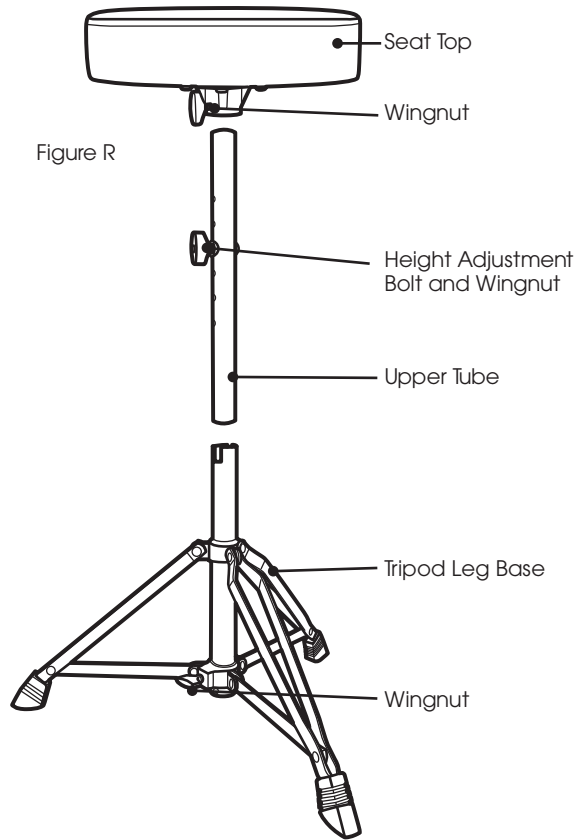
Close Up Of Hi-Hat Clutch Assembly

Figure P

Clutch

Rubber Washers

Top hi-hat cymbal goes here

Lower Retaining Nut

Hi-hat clutch and cymbal assembly

Bottom Tilter

Figure Q

Seat Top

Wingnut

Figure R

Height Adjustment
Bolt and Wingnut

Upper Tube

Tripod Leg Base

Wingnut

1. Fold out legs of Tripod Leg Base. Tighten Wingnut.

2. Place upper tube into base and tighten height adjustment bolt and wing nut. Use the second hole position as shown or adjust the height of the throne for your own comfort.

3. Place seat top and tighten wingnut. Figure R.

CUSTOMER & WARRANTY SUPPORT

MISSING
— OR —
DAMAGED
PARTS?

HAVE QUESTIONS?

CALL
888-680-1701
TOLL FREE

— **HAVE** —
ASSEMBLY
QUESTIONS?

OR VISIT OUR WEBSITE AT: HTTP://SOUNDPERCUSSIONLABS.COM/

PLEASE DO NOT CALL THE RETAILER WHERE YOU PURCHASED THIS PRODUCT FOR SUPPORT OR PARTS!