

OWNER'S MANUAL

DW 5000 Series Delta3 and Original Bass Drum Pedals



Thanks for purchasing this DW product. It has been designed and manufactured to provide a lifetime of trouble-free service. Please take a moment to familiarize yourself with the exclusive features and operating suggestions contained in this manual in order to ensure its optimum performance. Should you have any further questions, feel free to contact your local authorized DW Dealer.

— Don Lombardi
president, Drum Workshop, Inc.

DW 5000 SERIES BASS DRUM PEDALS

GENERAL FEATURES AND ADJUSTMENTS

Stroke Adjustment

The Infinite (Slotted) Stroke Adjustment can be used to vary the distance the beater travels before hitting the drum. For a slightly heavier (longer) stroke move the screw towards the back, for a lighter (shorter) stroke move the screw forwards.

Beater Height

The length of the beater rod can be adjusted to achieve the desired feel and impact area. Generally, the beater should hit the center or an area 1-2 inches above the center of the drum. Once the desired height is achieved, secure the beater hub memory lock using the 2mm allen wrench (included) to maintain consistent positioning.

Beater Playing Surface

The 101 Two-Way Beater (standard) has both a curved, medium felt side for a rounder, warmer attack and a flat, hard plastic side for a sharper, brighter attack, much like wood but without the weight.

Beater Weight

The adjustable beater weight can be positioned on the beater shaft to increase the power of the stroke.

Beater Memory Lock

To set the beater memory lock, place it loosely on the beater shaft and place the beater shaft in the beater hub. Slide the memory lock down the shaft so that it fits into the notches on the beater hub. Adjust the beater to the desired playing position and tighten the drumkey screw on the beater hub as well as the set screw on the memory lock with the small allen wrench (provided). The beater ball should automatically be positioned at a right angle to the memory lock so that the beater can be reversed from the soft felt to the hard plastic side by merely raising the beater and rotating it 180 degrees.

Spring Tension

DW Drum Pedal Springs feature an internal noise reduction damper as well as a tension locking mechanism. To increase or decrease the spring tension loosen the round knurled nut at the base of the spring assembly and pull down on the spring to release the locking hex nut. Tighten or loosen the lock nut to create the desired tension, then release the hex nut and retighten knurled nut to lock-in the adjustment.

Side/Dual Adjusting Hoop Clamp

The DW Toe Clamp is designed to fit a wide variety of manufacturer's bass drum hoops. To set the space of the hoop clamp for your bass drum, use the allen wrench (provided) to loosen the set screw on the clamp and then rotate the knurled nut to narrow or widen the gap. Re-tighten the set screw. Position the pedal on the center of the hoop and tighten the side wing screw securely. Use the provided rubber hoop protector to avoid damage to the bass drum hoop.

Chain Position & Footboard Angle Adjustment

The length of the chain determines the angle of the footboard and, when adjusted in combination with the beater height and stroke adjustment, the length of the stroke. To change the position of the chain, carefully remove the master link connector from the chain and sprocket and, to adjust the chain, reposition it as desired by moving it to an alternate hole in the sprocket. The factory settings are recommended for most general playing situations and preferred by many drummers.

Strap Length & Footboard Angle Adjustment

To change the length of the nylon strap and footboard angle, remove the nut and washers from the screw on the cam, reposition the chain or strap using one of the alternate links/holes. Then replace the nut and washers.

Non-Skid Spurs & Velcro™

All DW Bass Drum Pedals include built-in adjustable spurs and non-skid Velcro™ on the bottom of the pedal plates to prevent bass drum crawl.

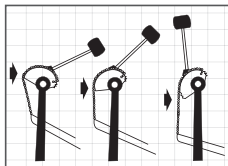
Attaching and adjusting the linkage assembly (double pedals)

Use the provided pedal adjustment key or any standard drum key to secure the linkage to the primary pedal by tightening the key screw. Rotate the beater, casting and hex shaft on the auxiliary pedal to the correct playing position, attach the linkage and tighten the auxiliary side key screw. Loosen the two sets of key screws on the middle section of the linkage and adjust the length and angle of the linkage to the desired position, then retighten the set screws. Set the linkage memory lock to maintain the desired distance every time you set-up

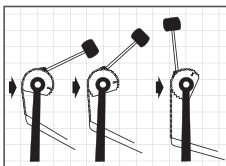
Auxiliary Pedal Single/Double Conversion (double pedals)

To convert the auxiliary pedal from a double pedal to a single pedal, attach the rocker and spring assembly from the primary side to the protruding, square end of the hex shaft on the auxiliary side and tighten the set screw using the hex key. To convert from a single to a double pedal replace the rocker and spring assembly on the primary side.

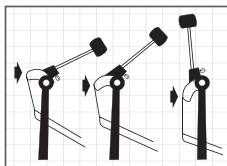
DW 5000 Series Drive Systems



Accelerator



Turbo



Nylon Strap

FREQUENTLY ASKED QUESTIONS

What is the difference between the Accelerator, Turbo and Nylon Strap drive systems

- The “Accelerator” (Off-Set Chain & Sprocket) drive system features an eccentric design that creates an indirect relationship between the sprocket and footboard— increasing the velocity of the pedal by shortening the length of the stroke. It is recommended for situations that require increased speed and sensitivity.
- The “Turbo/CX” (Center Chain & Sprocket) concentric design maintains a direct relationship between the sprocket and the footboard to provide a solid, powerful, consistent feel and response.
- The flexibility and relaxed feel of DW’s “Nylon Strap” (Nylon Strap & Cam) eccentric strap and cam action offers a classic balance and fast, fluid, floating response that continues to make it the favorite of many traditional and contemporary drummers.

How do the weights on the front of the Delta II footboard effect the pedal’s feel and power?

By adding mass at the front of the footboard, the Delta II weights increase the footboard’s momentum by creating an indirect relationship between energy used to make a stroke and the power it generates— allowing a more powerful stroke with less effort.

DW Pedals 5-Year Limited Warranty

For a period of five years from the date of purchase, Drum Workshop, Inc. guarantees the original owner, when presented with proof of purchase, that all 9000, 5000 and 7000 Series Bass Drum Pedal cast parts are free of material and manufacturing defects. This warranty is limited to cast parts only; such as the base casting, footboard, beater hub, sprocket, heel and cam casting. This warranty does not include moving parts; such as the spring assembly, beater ball, radius rod, hex shaft, ball bearings, etc. If under normal playing conditions parts covered in this limited five year warranty fail, they will be replaced at no charge. Return the pedal to your authorized DW dealer or, if there is not a dealer in your area, contact DW direct. DO NOT send pedal to DW without first receiving a Return Authorization Number. Shipping charges to DW will be paid by the consumer.



DW PEDAL CUSTOMIZING KIT #1260 (SOLD SEPARATELY)

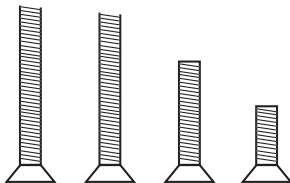
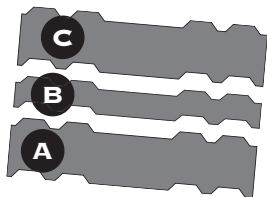
Delta II Elevator Heel Platform (U.S. Patent No. 6359205)

DW's new, 9-Position "Elevator" Heel Plate (patent pending) provides a unique method for drummers to achieve a more natural, comfortable and relaxed pedal playing position without sacrificing speed, power or accuracy. By using different combinations of the heel sections, the height of the heel can be adjusted independently of the angle of the footboard— similar to the way players find their favorite hand position and striking angle by raising or lowering their seat. The "Elevator" positions range from normal (#1) and slightly elevated (#2-3) to noticeably raised (#4-7) and extreme (#8-9). Position #8, for example, is recommended for achieving a smoother, more effortless heel-toe sliding technique, while positions #2 and #3 offer a subtle but effective way to increase control.

To install the Elevator heel sections, first turn the pedal over and remove the three screws holding the original heel (A) to the pedal plate. **In order to loosen chemical lock holding the three screws, you may first need to heat them with a hair dryer for 2-3 minutes.** Place additional Elevator heel sections (B, C) either below or above the original section and re-attach the stacked heel sections from under the pedal plate using the longer screws (provided).

"Force Maximizer" **Adjustable Weight System** **(U.S. Patent No. 6028359)**

Available as part of the optional Pedal Customizing Kit (model #1260), the patented Delta II weight system allows you to maximize the momentum of the footboard by increasing or decreasing the weight at the front of the footboard. To add or delete weights loosen and remove the screws holding the weights to the footboard and adjust the number/size of the weights to achieve the desired effect.

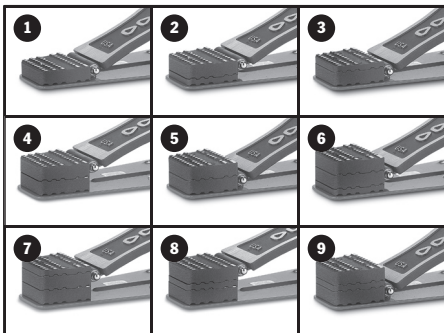


1 1/2"

1 1/4"

3/4"

7/16"



Use the following screws (supplied) in conjunction with the Elevator heel sections to modify the height of your heel:

position	heel sections	top screws (x3)	bottom screws (x3)
#1	A	3/4"	-
#2	A/B	3/4"	-
#3	B/A	7/16"	7/16"
#4	A/C	-	1 1/4"
#5	A/C	3/4"	7/16"
#6	A/C/B	3/4"	3/4"
#7	B/A/C	7/16"	1 1/4"
#8	C/B/A	-	1 1/2"
#9	C/B/A	1 1/4"	7/16"

Available DW 5000 Series Pedal Models

A wide variety of models, upgrades, options and accessories are available to customize the feel and performance of any DW Bass Drum Pedal. See your local authorized DW dealer for further information.

	Standard Single Pedals	Delta II Single Pedals
Delta II Double Pedals		
Accelerator (Offset Chain & Sprocket) 5002AD	5000AX	5000AD
Turbo (Center Chain & Sprocket) 5002TD	5000CX	5000TD
Nylon Strap 5002ND	5000NX	5000ND

Standard Features: Oversized Footboard and Heel, Ball-Bearing Hinge, Rocker and Aluminum Hex Shaft, Two-Way Beater

Delta II Features: Dual Chain, Oversized Footboard and Heel, Ball-Bearing Hinge, Rocker and Aluminum Hex Shaft, Dual/Side Adjusting Hoop Clamp, Two-Way Beater, Built-in Key Clip, Spurs and Velcro™, Aluminum Pedal Plate

Available DW 5000 Series Pedal Accessories

- SP50TS Toe Stop
- SM020 Spring with Felt Insert
- SP024 High-Tension Spring Assembly
- SP50P Pedal Plate w/Hoop Clamp
- SM101 Two-Way BD Beater
- SM102 Large Felt BD Beater
- SM103 Medium Felt BD Beater
- SM104 Solid Maple Wood BD Beater
- SM1260 Pedal Customizing Kit
(includes stacker heels and footboard weights)



**102, 104, 101, 103
BD Beaters**

Limited Warranty

Drum Workshop, Inc. guarantees that all 5000 Series Bass Drum Pedals and Hi-Hat Stands will be free from material and manufacturing defects for a period of 5 years from the original date of purchase. This warranty is limited to cast parts only, such as base castings, footboards, beater hub, sprocket, heel and cam castings. If, under normal playing conditions, any covered product fails DW will repair or replace it at no charge. In the event a guaranteed product fails, simply return it along with the original sales receipt to an authorized DW dealer or contact DW for return authorization. Unauthorized returns will not be accepted.

For replacement parts contact an authorized DW dealer.

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