



## Roland KD-140 V-Kick Trigger Pad Owner's Manual

[Home](#) » [Roland](#) » Roland KD-140 V-Kick Trigger Pad Owner's Manual 

# Roland



**KD- 140**  
V-Kick  
Owner's Manual





**Roland**







### USING THE UNIT SAFELY





INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About  WARNING and  CAUTION Notices

 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.


	The  symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

 **WARNING**

- Do not open or perform any internal modifications on the unit. (The only exception would be where this manual provides specific instructions which should be followed in order to put in place user-installable options.)   
.....
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the “Information” page.   
.....
- Never install the unit in any of the following locations. 
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are 
  - Damp (e.g., baths, washrooms, on wet floors); or are
  - Exposed to steam or smoke; or are
  - Subject to salt exposure, or are
  - Humid; or are
  - Exposed to rain; or are
  - Dusty or sandy; or are



- Subject to high levels of vibration and shakiness.

.....


- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces. 

.....


## **WARNING**

- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.  


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- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. 


.....

- Protect the unit from strong impact. (Do not drop it!) 


## **CAUTION**

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. 

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- Never climb on top of, nor place heavy objects on the unit. 

.....

- Anything that you've removed, whether it be the knobs that fasten legs, tuning bolts, washers, or wing bolts must be placed in a safe location out of the reach of children, so there's no chance of them being swallowed accidentally. 

.....

## **IMPORTANT NOTES**

### **Placement**

- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can

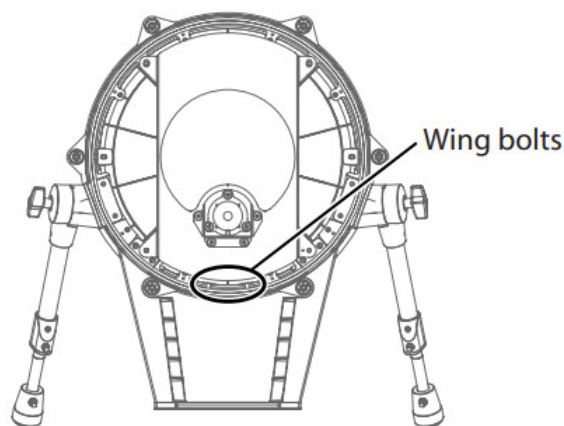
discolor or otherwise harmfully affect the finish.

## Maintenance

- For every day, cleaning wipes the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, nonabrasive detergent. Afterward, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

## Additional Precautions

- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When connecting/disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- This instrument is designed to minimize the extraneous sounds produced when it's played. However, since sound vibrations can be transmitted through floors and walls to a greater degree than expected, take care not to allow these sounds to become a nuisance to neighbors, especially when performing at night and when using headphones.
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- When changing the head or the covering, avoid touching any parts (except for the wing bolts) located inside the shell. Otherwise, you risk injury to your hands or fingers and damage to this unit's parts.



Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" (p. 2) and "IMPORTANT NOTES" (p. 3). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

## Contents

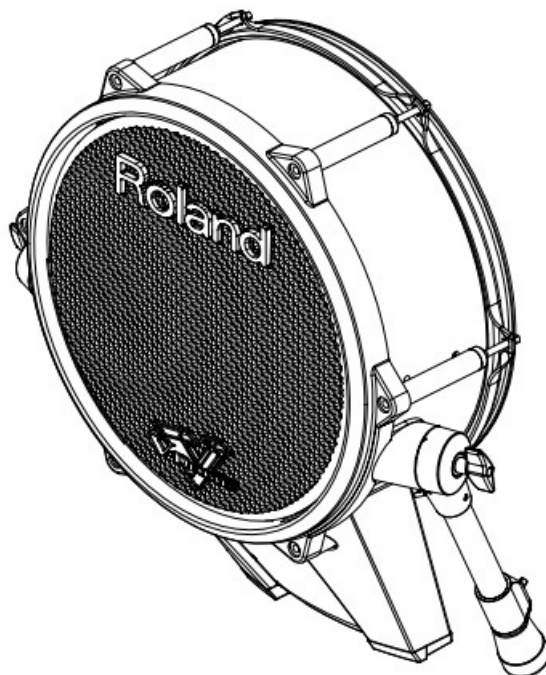
- 1 Main Features
- 2 Contents of the Package
- 3 KD-140 Components
- 4 Assembling the KD-140
- 5 Connecting to a Sound Module
- 6 Adjusting the Head Tension
- 7 Head Replacement
- 8 Replacing the Covering
- 9 Specifications
- 10 Documents / Resources
- 11 Related Posts

## Main Features

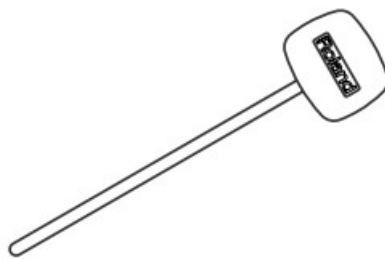
- A kick pad featuring a 14-inch mesh head with excellent playing dynamics and response.
- A high-strength one-piece metal frame ensures stability and a very natural playing “feel.”
- Shell covering can be easily replaced for customizing and personalizing the shell design.

## Contents of the Package

- ☐ KD-140 Pad



- ☐ Plastic Beater



■ **Owner's Manual (this manual)**

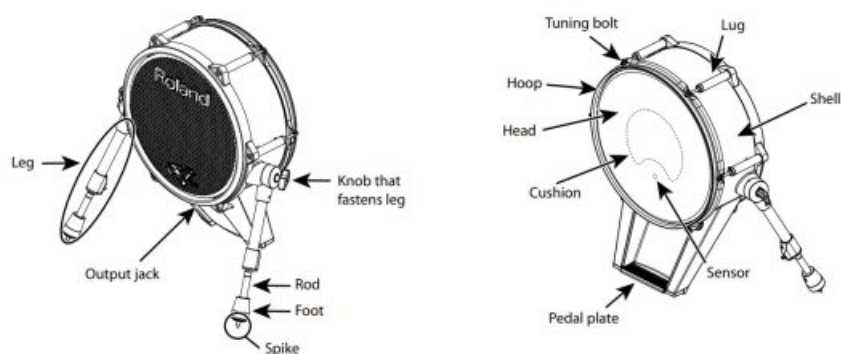
□ **Connection Cable (\*1)**

□ **Drum Key (\*1)**

\*1 Supplied only if the KD-140 has been purchased as an independent unit.

**NOTE** This package does not include a kick pedal. Use with a commercially available kick pedal.

## KD-140 Components



**NOTE** Due to the nature of materials used in the cushion, changes in temperature or humidity may affect the playing dynamics or sensor sensitivity.

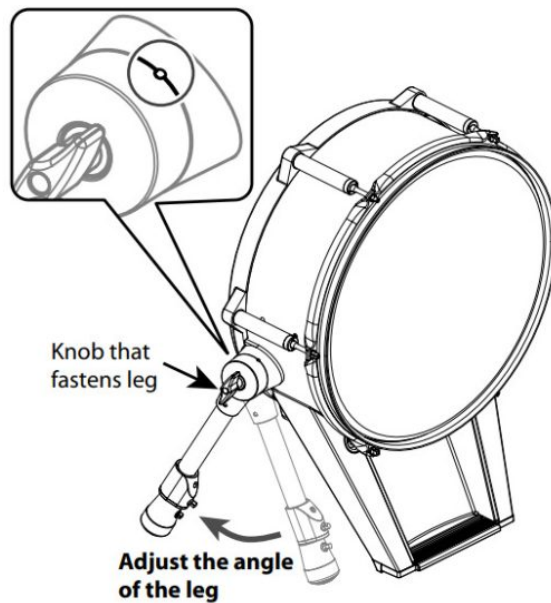
## Assembling the KD-140

- Each leg's foot has a very sharp spike at the tip. Please handle it with care!
- During assembly, take care that the weight of the trigger pad unit does not pinch your hand or foot.

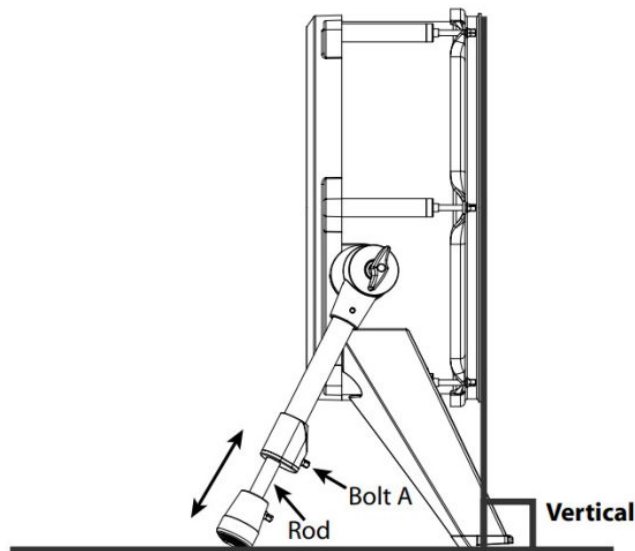
1. Loosen the knobs that fasten the legs and adjust the angle of the legs.

Align the notches as shown in the illustration. **Align the notches**

2.



Loosen bolt 'A' of the leg, extend the rod, and adjust it so that the unit is approximately vertical relative to the floor.



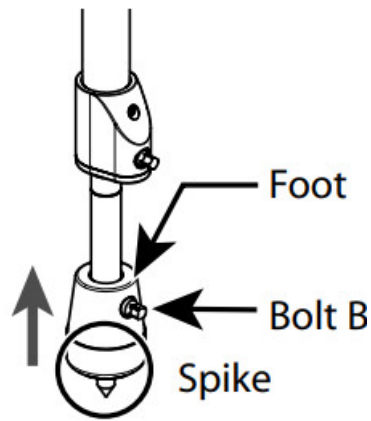
### 3. Tighten bolt 'A.'

**NOTE** Firmly tighten bolt 'A' so that the rod is securely fastened.

### 4. Adjust the tip of the legs appropriately for the surface on which you're placing the KD-140.

Tip	Floor surface
<b>Spike</b>	Soft floor Rubber mat, carpet, etc.
<b>Rubber</b>	Hard floor V-Drums Mat TDM series (sold separately), wood flooring, concrete, etc.

**Adjusting the leg tips**  
**Using the spike leg tips**



1. Loosen the foot bolt 'B.'
2. Move the foot all the way upward, and then tighten bolt 'B.'

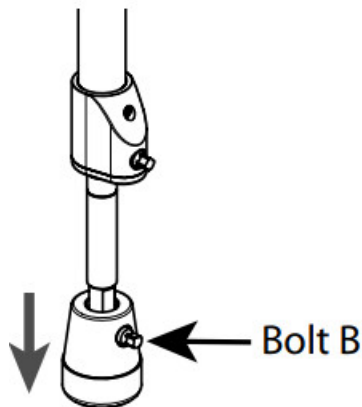
The spike will protrude from the foot.

#### NOTE

- The tip of the spike is sharp; handle it with care.
- Using the spike leg tips on wood flooring may damage the floor; the rubber leg tips should be used on wood flooring.

#### Using the rubber leg tips

1.



Loosen the foot bolt 'B.'

2. Move the foot all the way downward, and then tighten bolt 'B.'

5. Mount the included plastic beater on the kick pedal.

**NOTE** The mesh head can wear down a felt beater. We recommend using a plastic beater.

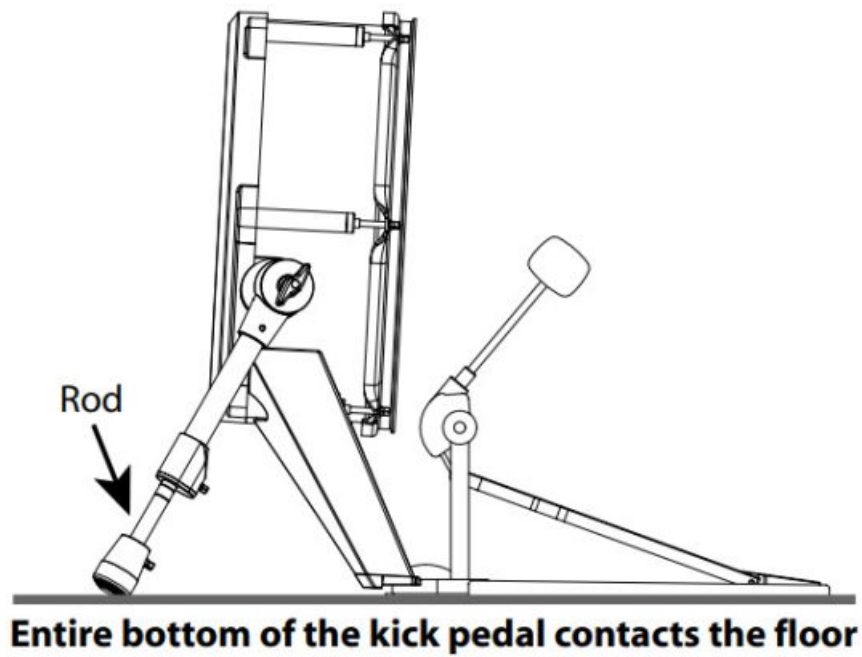
#### 6. Mounting the kick pedal.

If the hoop and kick pedal touch each other, re-mount the pedal by positioning it more towards yourself.

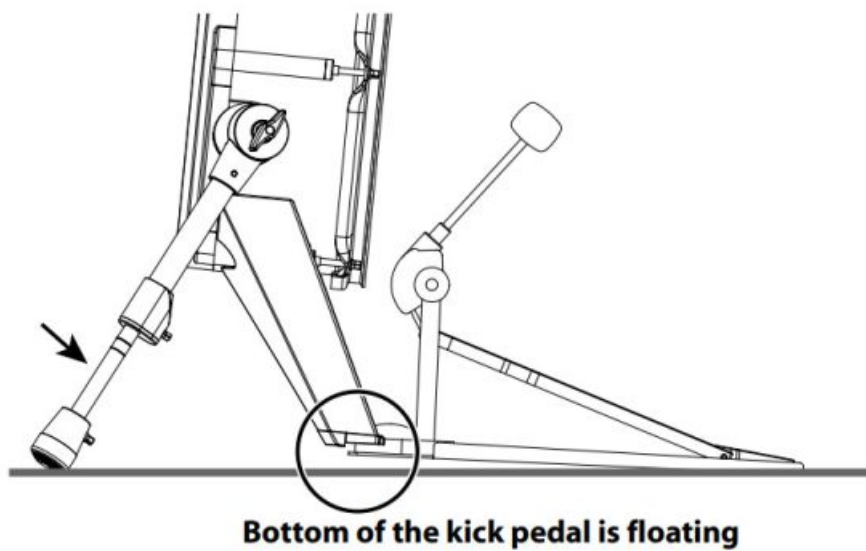
#### 7. Adjust the length of the rod.

After mounting the kick pedal, adjust the length of the rod so that the entire bottom of the kick pedal is in contact with the floor.

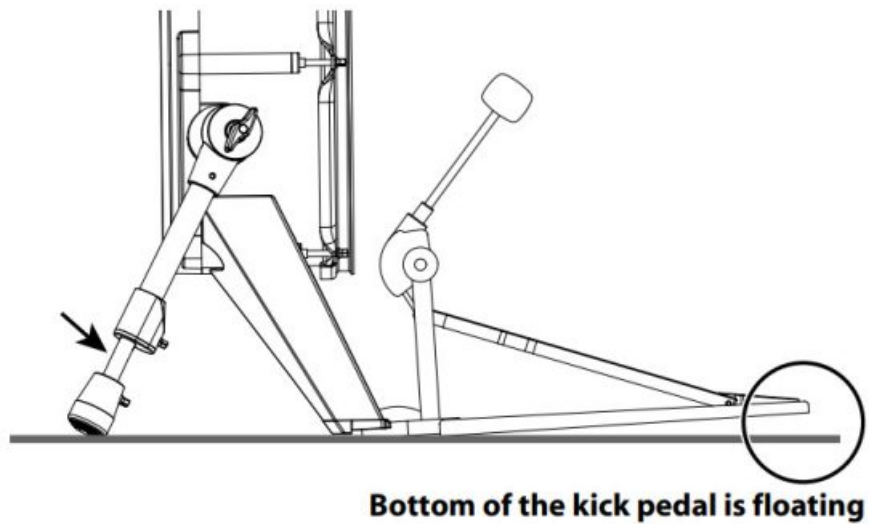
○ **Correct position**



- Rod is too long



- Rod is too short

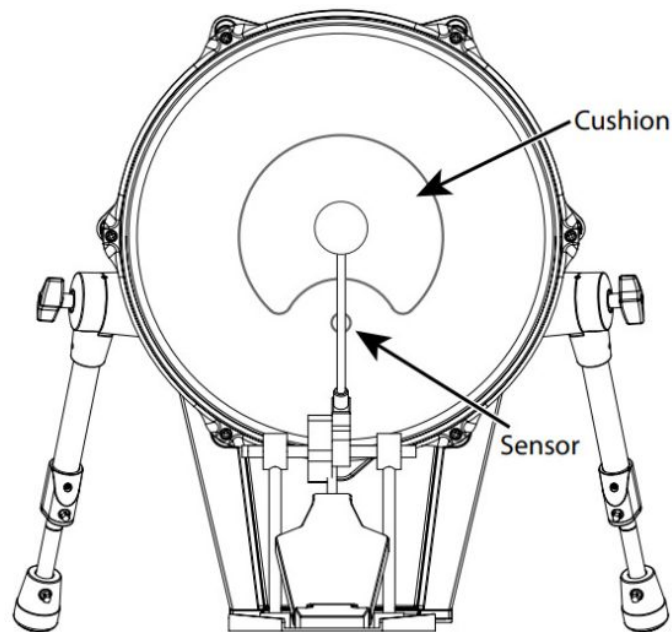


#### 8. Adjust the striking point for the beater.

If the hoop and kick pedal touch each other, re-mount Adjust the length of the beater so that strikes near or on the

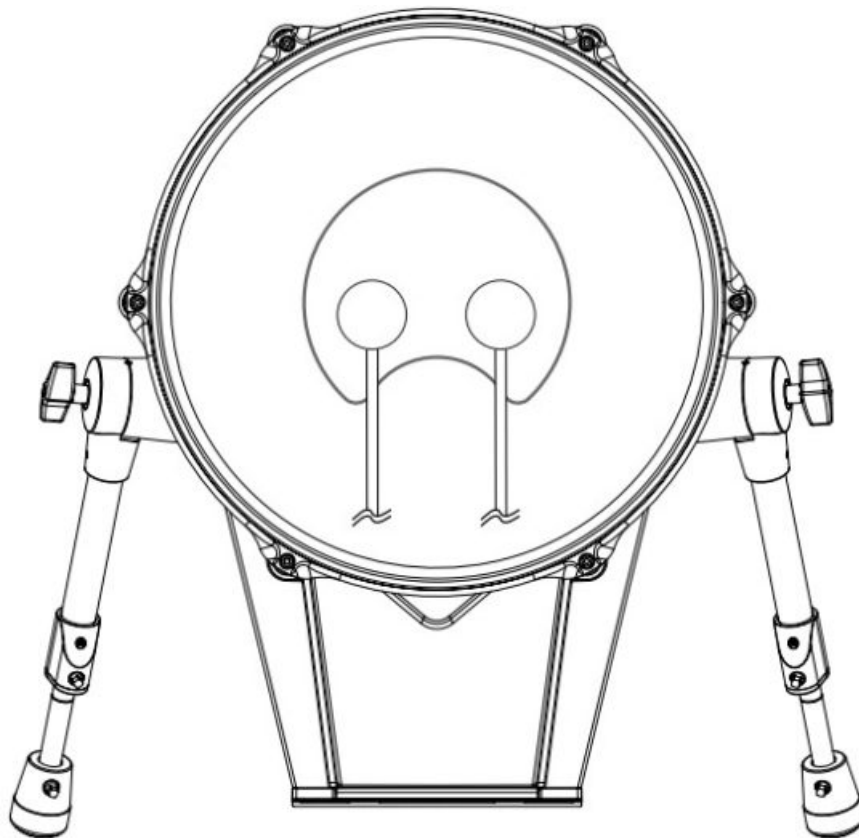
center of the head.

Make sure it does not extend beyond the cushion on the back of the head.



### Using a twin (double kick) pedal

The KD-140 can also be used with a twin (double kick) pedal. Adjust the striking points of the two beaters so that they are at equal distances to the left and right of the center of the head.



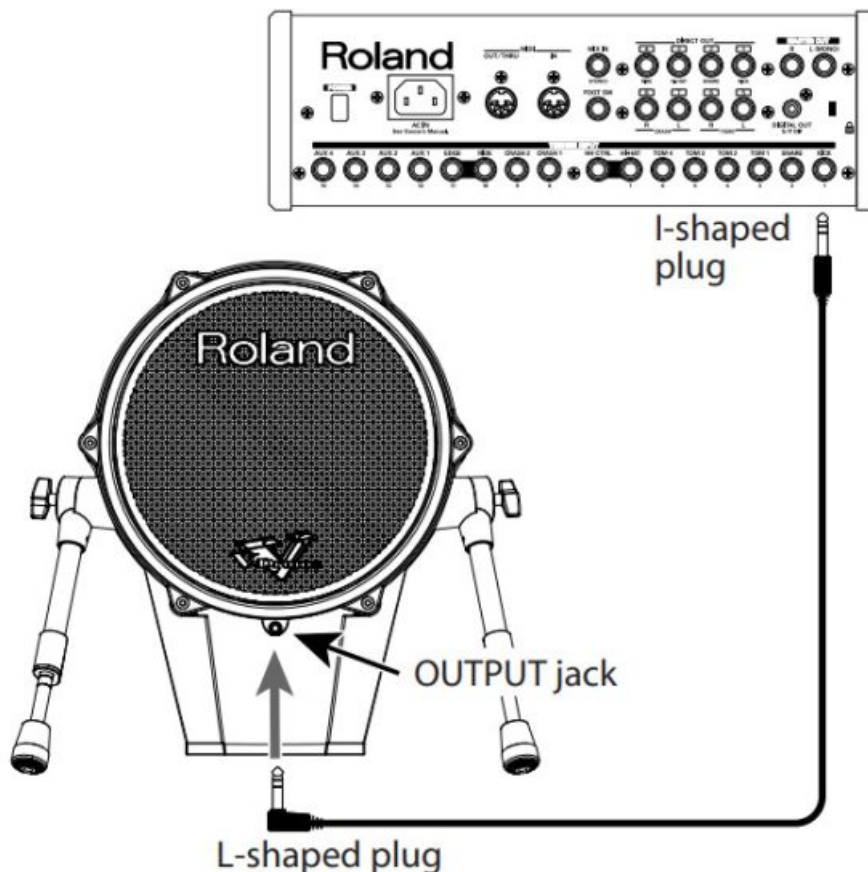
**MEMO** When using a regular pedal or a twin pedal, please use plastic beaters.

### Connecting to a Sound Module

Use the connection cable to connect the KD-140 to your percussion sound module (e.g., TD-20X).  
Connect the L-shaped plug of the cable to the KD-140's OUTPUT jack.  
Make sure KD-140 does not touch the drum stand or other pads.

**NOTE** To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

**Example:** Percussion Sound Module TD-20X



### Recommended Percussion Sound Module Parameter Settings

Below you will find recommended trigger parameters when using the KD-140 with various sound modules.  
You may need to adjust trigger parameters depending on your playing style and playing environment.

#### TD-20X/TDW-20

Trigger Type: KD140

#### TD-20

Trigger Type: KD120

#### TD-12

Trigger Type: KD120

#### TD-9

Trigger Type: KD120

#### TD-4

Pad Type: KD120

### Adjusting the Head Tension

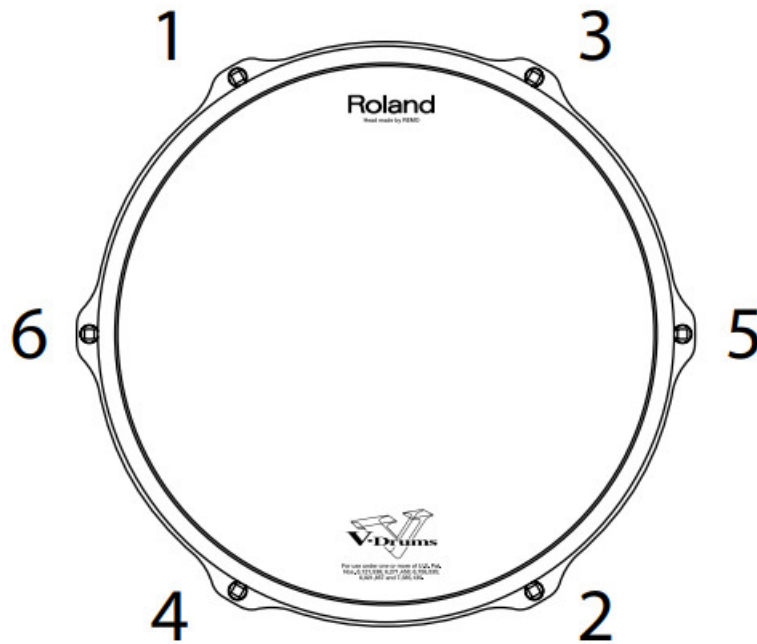
Please tune the head before playing the KD-140.

A slightly looser tuning will make the beater response and rebound similar to that of an acoustic bass drum.

### NOTE

To avoid malfunctions, please observe the following points.

- Adjust the heat so that it does not sag.
- Adjust the tuning bolts so that they do not wobble.



1. Adjust each tuning bolt little by little, working back and forth across the head in the order shown in the illustration.

**NOTE** Fully tightening a tuning bolt at only a single location will produce uneven tensioning, which will make it impossible to achieve correct strike response and may also cause malfunctions.

2. **Adjust each tuning bolt so that the head is tensioned evenly.**

#### **MEMO**

- On the KD-140, adjusting the head tension affects only the strike response of the head; it does not adjust the pitch of the sound as it would on an acoustic drum. To adjust the pitch, edit the sound parameters of your drum sound module. For details, refer to the owner's manual of your sound module.
- The tension of the head will change during extended use. Readjust the tension as necessary.

## **Head Replacement**

### **When to Replace the Head**

A drum head does not last forever, may eventually wear out, and might need to be replaced if any of the following occurs.

- The head surface is torn
- The head is very worn out at the beater strike point
- Slack portions remain even when head tension is correct

To replace ahead, contact your dealer or Roland service center

### **Replacing the Head**

- Do not apply excessive force to the sensor and cushion located under the head. Doing so can interfere with

accurate detection, and may damage it.

- When replacing the head, avoid touching any parts other than the wing bolts, and be careful that no foreign matter enters the interior of the unit. Otherwise, you risk causing malfunction.

1. Remove all tuning bolts.

Go around and loosen each bolt a little at a time by turning it counter-clockwise.

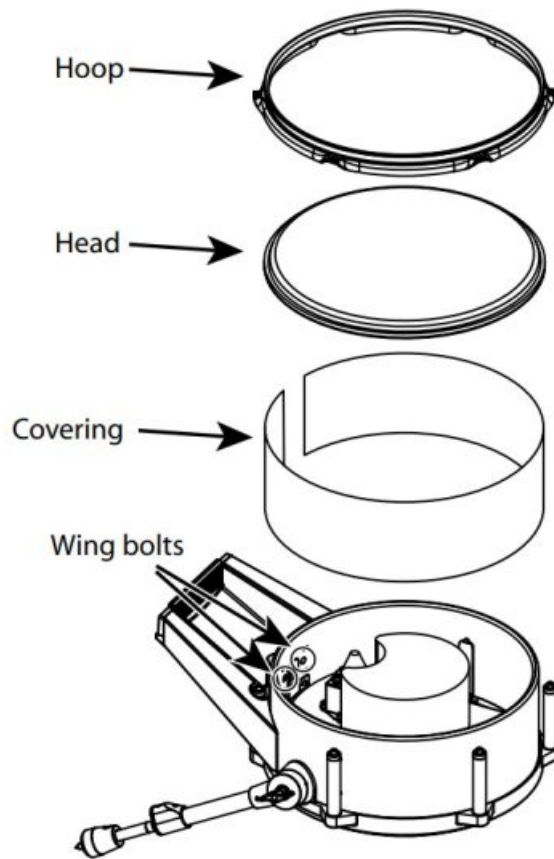
2. Remove the hoop.
3. Remove the old head.
4. Place the new head on the shell.
5. Place the hoop on the head.
6. Install all six tuning bolts.
7. Adjust the tension of the head. Refer to “Adjusting the Head Tension” above.

## **Replacing the Covering**

### **NOTE**

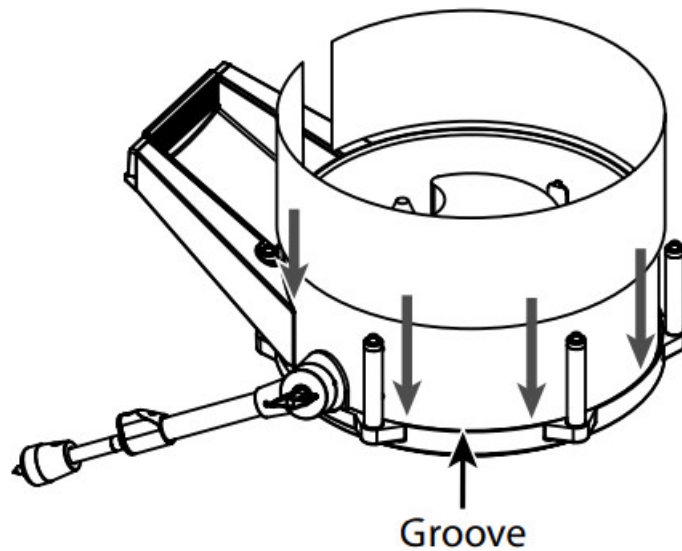
- Do not apply excessive force to the sensor and cushion located under the head. Doing so can interfere with accurate detection, and may damage it.
- When replacing the covering, avoid touching any parts other than the wing bolts, and be careful that no foreign matter enters the interior of the unit. Otherwise, you risk causing malfunction.
- Be careful not to hurt your fingers on the corners or points of the metal parts.

1. Loosen all tuning bolts, and remove the hoop and head.
2. Loosen the two wing bolts, and remove the covering.
- 3.



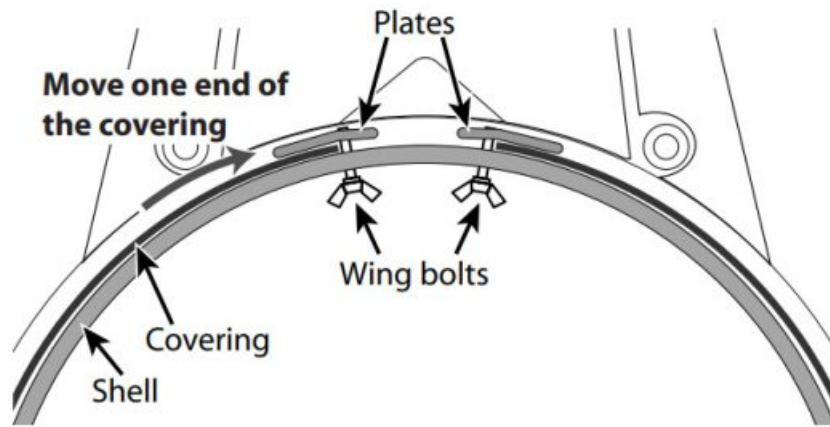
Insert the new covering.

Fit the lower part of the covering into the groove so that the covering is not floating or slack.



4. Move one end of the covering as far as it will go, and then tighten the wing bolt to securely fasten that end.

The edge of the covering will fit into the gap between the shell and plate shown in the illustration.



5. Pull the other end of the covering so that there is no slack, and then tighten the other wing bolt to securely fasten that end.

The edge of the covering will fit into the gap between the shell and plate.

6. Attach the hoop and head, and tighten the tuning bolts.
7. Adjust the tension of the head. Refer to “Adjusting the Head Tension” (p. 8).

**NOTE** Fully tightening a tuning bolt at only a single location will produce uneven tensioning, which will make it impossible to achieve correct strike response and may also, cause malfunctions.

### Covering size

- 120 (Width) x 1040 (Length) mm



- Maximum Thickness: 1 mm

### Specifications

#### KD-140: V-Kick

<b>Pad Size</b>	14 inches
<b>Dimensions</b>	550 (W) x 320 (D) x 530 (H) mm 21-11/16 (W) x 12-5/8 (D) x 20-7/8 (H) inches
<b>Weights</b>	11.0 kg 24 lbs 5 oz
<b>Accessories</b>	Plastic beater, Owner's manual, Connection cable (*1), Drum key (*1) *1 Supplied only if the KD-140 has been purchased as an independent unit.

**NOTE** In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.



## For EU Countries

This symbol indicates that in EU countries, this product must be collected ' separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.

## For EU Countries



Manufacturer: Roland Corporation

2036-1 Nakagawa, Hosoe-cho, Kita-ku, Hamamatsu, Shizuoka 431-1304, JAPAN

Importer: Roland Corporation

ENA 23 Zone 1 nr. 1620 Klaus-Michael Kuehnelaan 13, 2440 Geel, BELGIUM



Manufacturer: Roland Corporation

2036-1 Nakagawa, Hosoe-Cho, Kita-Ku, Hamamatsu, Shizuoka 431-1304, JAPAN

Importer: Roland Europe Group Limited

Hive 2, 1530 Arlington Business Park, Theale, Reading, Berkshire. RG7 4SA United Kingdom




Roland Service Centers and Distributions

When you need repair service, access this URL and find your nearest Roland authorized Roland distributor in your country. Center or



<https://roland.cm/servite>

## Documents / Resources

	<p><a href="#">Roland KD-140 V-Kick Trigger Pad</a> [pdf] Owner's Manual KD-140, V-Kick Trigger Pad</p>
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