

  
majestic®

## TIMPANI USER MANUAL

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PROPHONIC  
HARMONIC  
CONCERT





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CONCERT



Thank you for choosing timpani from the **Majestic Prophonic/Harmonic/Concert Series**. This handbook contains essential information on usage and maintenance. Please read this manual carefully before using or maintaining the product to ensure the best possible performance and to prevent damage or injury.

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## I. General Precautions

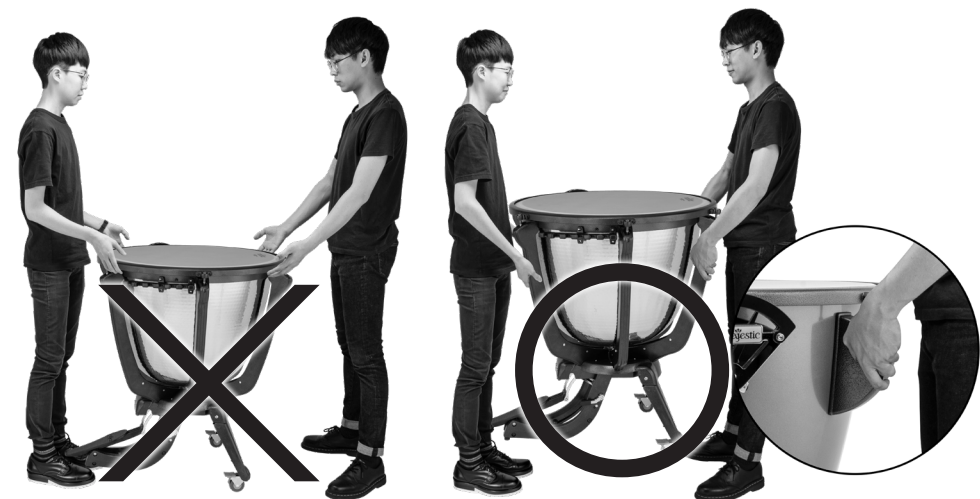
Majestic cannot be held liable for damage or injury resulting from improper use or adjustment of the Instrument. It is imperative to thoroughly read and adhere to the guide and warnings provided to ensure safe and proper usage.

### I-I. Safety Warning

1. DO NOT climb or sit on the timpani.
2. Adjustment of the spring tension system under the base SHOULD NOT be attempted by an inexperienced user. If needed, please consult with a professional instrument repair technician. Due to the high tension of the spring mechanism, there is risk of injury and causing instrument failure of the mechanism if not handled properly. The spring can be very difficult to reinstall without proper tools if anything should go wrong.

### I-II. Transportation Tips and Set up

1. During transport it is important to have at least two people grip the drum by the frame struts to ensure both stability of tuning, and that the instrument is held securely.
2. Please ensure that the timpani are properly set up on a stable surface to prevent damage to the product and avoid injury.
3. Please make sure the brake of the timpani is "ON" after set up, to avoid accidental movement resulting in damage, injury and/or poor performance experience.
4. Please release the pedal to the lowest note after playing to extend the lifespan of the timpani head and spring.
5. During transportation, we suggest setting the pedal toe forward to the highest note (for the Prophonic and Harmonic Series) or pedal down (for the Concert Series) to bring the head tension up to the highest note. This provides stability and helps the head to remain centered and in tune with itself. However, if you prefer to fold the timpani frame during the transportation, please set the pedal to the fundamental position to avoid the tuning mechanism damage and the foldable frame can work smoothly.



## II. Introduction

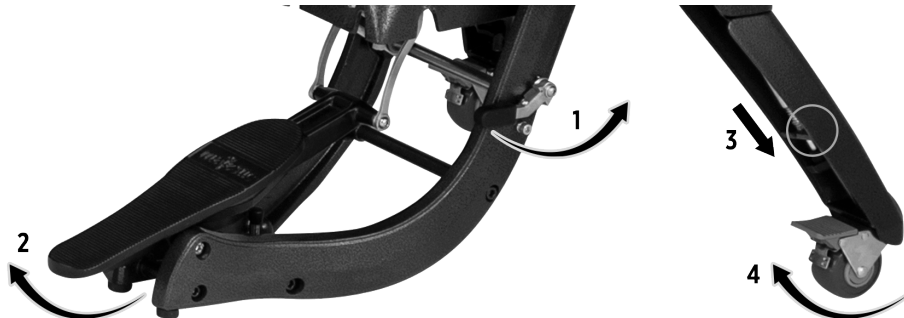
### II-I. Specifications & Transportation



Before transportation of the timpani, please switch on the wheel brake and follow the following step to fold your timpani to avoid damage or physical injury.



\*\*\* When unfolding the timpani, please ensure the latches are properly locked. Failure to do so may result in the timpani collapsing during performance, potentially causing damage to the instrument or even personal injury.



### II-II. Fundamental Tone & Tuning Range

Each Timpano has its own specific tuning range, with the lowest pitch known as the fundamental tone. With the pedal positioned in the bottom of its range or fundamental position, adjust the tension rods in a cross drum tuning sequence until the fundamental tone is set. Please refer to the chart below to determine the fundamental tone and pitch range for the Prophonic Series.



\*When tuning your timpani, please follow the suggested tuning range. Tuning timpani far outside of its suggested tuning range is strongly discouraged, as damage to the head or instrument can occur.

### II-III. Balanced Style Pedal Tuning System

Fundamental Position of the Balanced Pedal



- By rotating the toe of the pedal forward, tension is added to the head and the pitch will rise.
- By applying pressure to the heel of the pedal to cause the toe to come up, the pitch will lower. When the heel is all the way down, the lowest pitch/fundamental tone will be achieved.

### III. Adjustment

#### III-I. Head Changing

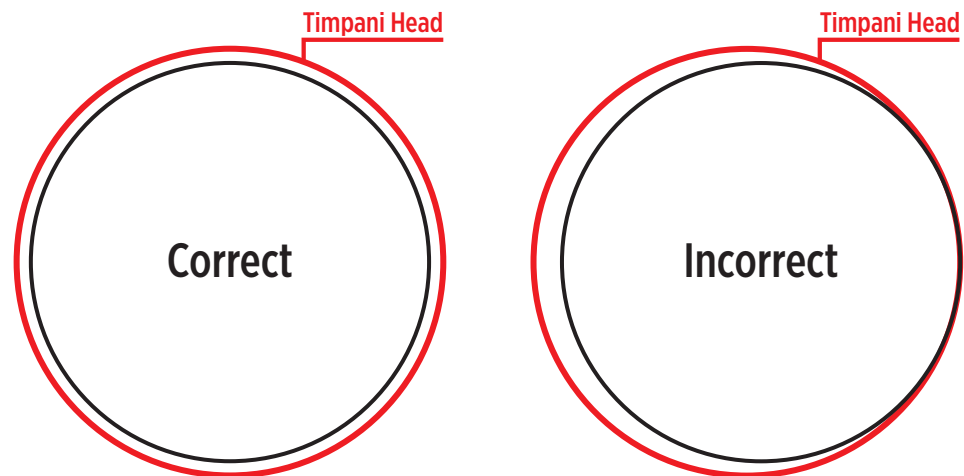
Majestic recommends changing timpani heads every two years based on average usage. If the timpani head is not regularly replaced, it can lead to tuning difficulties and even cause the pedal system to malfunction. Replacing the timpani heads regularly will ensure optimal sound quality and performance.

\*Majestic ensures precise installation of the timpani head during the manufacturing process. However, it is possible for the head tension to loosen in transit, which might cause instability or tuning issues. Should you experience any issues during the initial setup, kindly back to figures II-II for adjusting the fundamental tone and III-IV below for guidance on addressing difficulties arising from changes in tension of the timpani head and pedal spring.

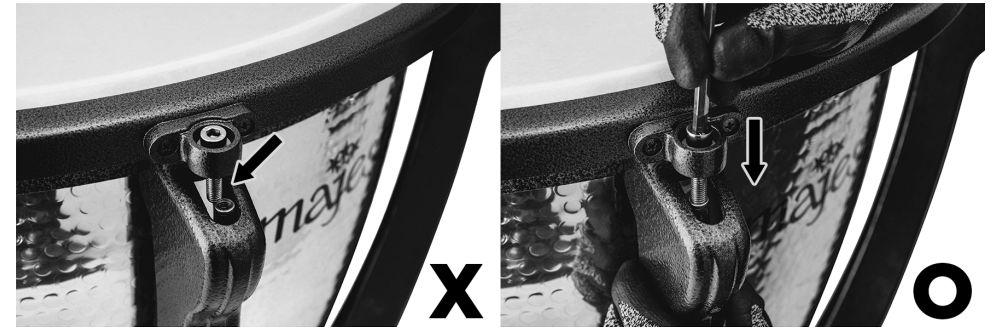
\*When changing the timpani head of a balanced pedal system instrument (Symphonic/Prophonic/Harmonic Series), you will need to block the pedal before removing the old head, to prevent the pedal from moving the head tension is released. This will prevent the pedal from snapping down abruptly, which might cause injury and damage to the mechanism due to the high tension of the spring.

\*When changing the timpani head, we recommend you choose "RC-Series Renaissance Clear Aluminum Insert" by REMO to avoid the difficulties during the head replacement. If you prefer to use different models or brand of timpani head, additional adjustments of the mechanism may be required, and you may need to consult with a professional repair technician.

1. Set the pedal to the fundamental note. (See II-II and II-III.)
2. Firmly place a square block of wood or other appropriately sized rigid spacer under the toe of the pedal to hold it in the fully heel-back position.
3. Loosen and remove each tension rod and set aside.
4. Remove the counter hoop.
5. Remove the old timpani head.
6. Use a Green Scouring/Scrub pad or #0000 steel wool to remove the old lubrication, dirt, and rust on the lip of the kettle. (Be careful to not apply excessive pressure when using steel wool, as it may damage the rim/lip and cause buzzing sounds during playing.)
7. Carefully spray a small amount of Teflon Lubrication on the lip of the kettle and allow to dry before touching.
8. Put the new timpani head on the kettle center it in the correct position. (Please make sure the timpani head is even on each side of the kettle.)



9. Make sure the tension rod is properly aligned in the spider receiver.



10. To tune your timpani, please refer to point III-III below.

In order to seat the new heads and prepare for tuning, we recommend allowing the new head to stretch. This can be done by slightly pressing down on the drumhead and tension hoop when installing the tension rods. After getting the tension rods in place, raise the pedal to its highest pitch and leave in place for 1-2 days without adjusting or playing. This process will allow the head to further stretch and adapt to the kettle.

### III-II. Periodic Maintenance

To ensure proper functionality, sound quality and extend the life span of your timpani, we recommend periodic maintenance and cleaning. See below for maintenance suggestions and instructions:

#### 1. Cleaning Timpani Head

Daily use of drums can lead to the accumulation of dirt, oil from hands, sweat, and dust on drumheads. We recommend you clean the drumhead after every use by wiping with a dry towel.

\*For deeper cleaning of drumheads, please refer to the maintenance methods provided on the REMO official website.

#### 2. Cleaning the lip of kettle

See the instructions for changing the timpani head above (III-I.5).

#### 3. Mechanism Lubrication

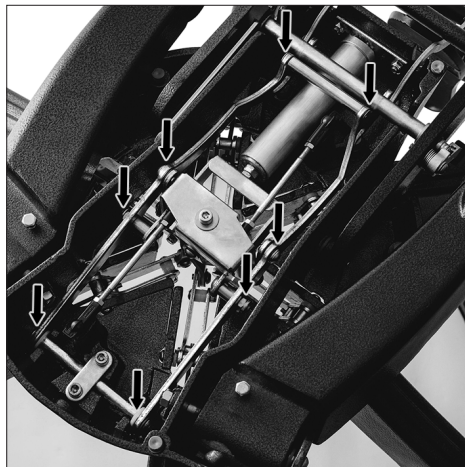
### Tension Rods

- Clean the old oil off the tension rod using a soft cloth.
- Apply a small amount of lithium grease to the top of the tension rod for lubrication.



### Tuning Mechanism

- Use WD40 or similar product to lubricate the following areas as necessary. During the lubrication process, please use a cloth to remove excess spray.



### WARNING

DO NOT disassemble the spring system under the base without professional support. Adjustment of the spring tension system under the base SHOULD NOT be attempted by an inexperienced user. If needed, please consult with a professional instrument repair technician. Due to the high tension of the spring mechanism, there is risk of injury and causing catastrophic failure of the mechanism if not handled properly. The spring can be very difficult to reinstall without proper tools if anything should go wrong.

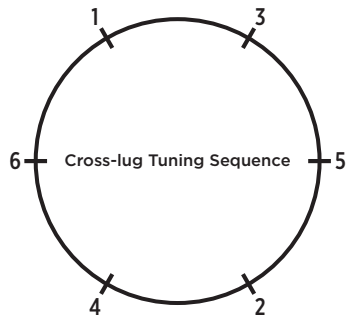


DO NOT reach fingers into the tuning mechanism. The internal spring is under substantial tension to counterbalance the drumhead. Contact may cause serious or irreversible injury. Please always maintain a safe distance during operation or inspection.

### III-III. Tuning

(If you have already followed the instructions for head replacement above, skip to step 3 below.)

1. Set the pedal in the fundamental position. (Please check II-III.)
2. Tighten the tension rods to "Finger-Tight".
3. Check the fundamental tone list and use a piano/tuner as a reference to adjust the tension rods according to the guideline below until the fundamental tone is accurate. Please make sure you adjust the rods evenly to make the head balance. If not, rods may be bent, and clear pitches and accurate tuning will be difficult to achieve.



4. Align the note name marker on the tuning gauge with the corresponding position. (If the indicator on the tuning gauge is not correctly centered, you may need to loosen the t-bolt and reposition, as shown.)



### III-IV. Friction of the mechanism

Occasionally, the friction might be too loose due to the vibration during playing. To remedy this, gradually tighten the bolt connecting the rocker at the location shown below. Tighten only a small amount then retest the feel and stability of the pedal before tightening further. Excessive tightening should not be required.



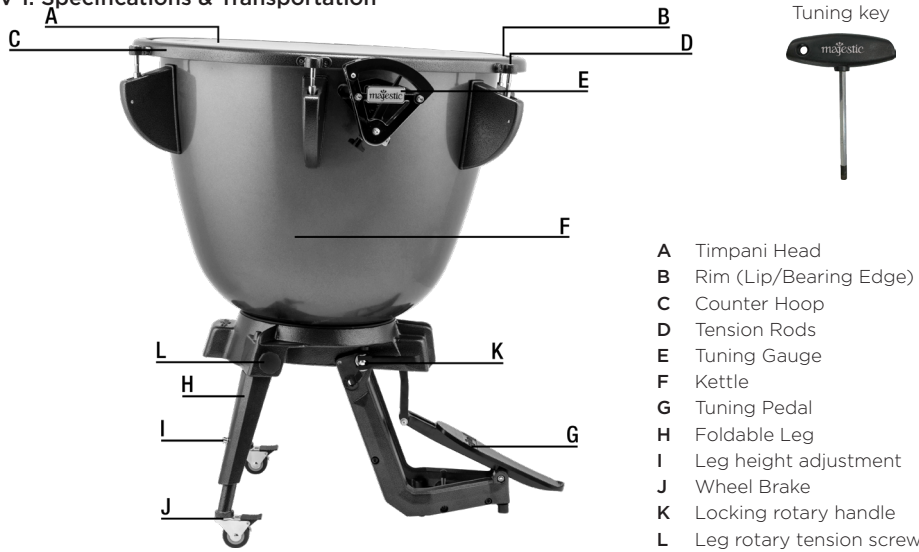
### III-V. Spring Adjustment

The tension of the pedal spring is crucial for timpani. If you want to adjust the tension for the pedal, please adjust the tension of the spring tension adjustment nut, moving 1/2 turn for each adjustment.



IV. Introduction

IV-I. Specifications & Transportation



Before the transportation of the timpani, please switch on the wheel brake and follow the following step to fold your timpani to avoid damage or physical injury.



WARNING

Is a locking rotary style handle. If it cannot be pressed down smoothly, slightly loosen the handle. However, if the handle is too loose, the foldable frame may fail to lock securely in place.

When folding the frame, please ensure it is properly aligned and in full contact with the base before tightening rotary tension screw 4. Failure to do so may result in the timpani collapsing during performance, potentially causing damage to the instrument or even personal injury.



IV-II. Fundamental Tone & Tuning Range

Each Timpano has its own specific tuning range, with the lowest pitch known as the fundamental tone. With the pedal positioned in the bottom of its range or fundamental position, adjust the tension rods in a cross drum tuning sequence until the fundamental tone is set. Please refer to the chart below to determine the fundamental tone and pitch range for the Harmonic Series.



\*When tuning your timpani, please follow the suggested tuning range. Tuning timpani far outside of its suggested tuning range is strongly discouraged, as damage to the head or instrument can occur.

IV-III. Balanced Style Pedal Tuning System

Fundamental Position of the Balanced Pedal



- By rotating the toe of the pedal forward, tension is added to the head and the pitch will rise.
- By applying pressure to the heel of the pedal to cause the toe to come up, the pitch will lower. When the heel is all the way down, the lowest pitch/fundamental tone will be achieved.

## V. Adjustments

### V-I. Head Changing

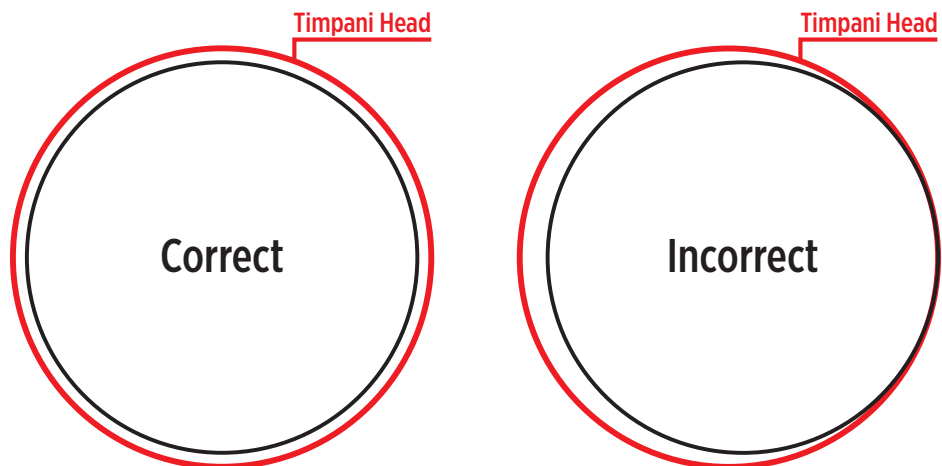
Majestic recommends changing timpani heads every two years based on average usage. If the timpani head is not regularly replaced, it can lead to tuning difficulties and even cause the pedal system to malfunction. Replacing the timpani heads regularly will ensure optimal sound quality and performance.

\*Majestic ensures precise installation of the timpani head during the manufacturing process. However, it is possible for the head tension to loosen in transit, which might cause instability or tuning issues. Should you experience any issues during the initial setup, kindly back to figures II-II for adjusting the fundamental tone and III-IV below for guidance on addressing difficulties arising from changes in tension of the timpani head and pedal spring.

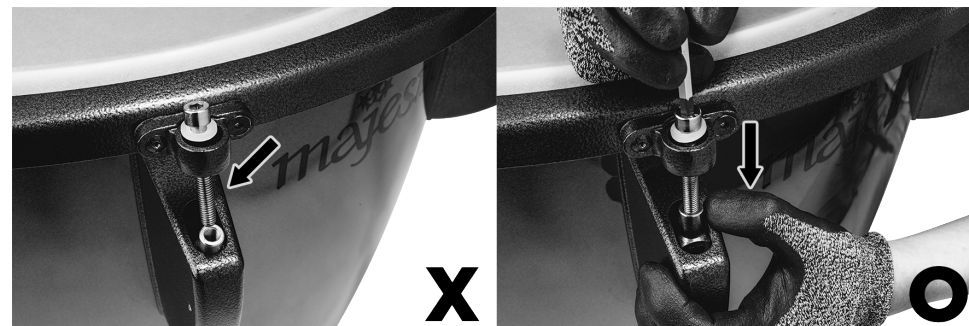
\*When changing the timpani head of a balanced pedal system instrument (Symphonic/Prophonic/Harmonic Series), you will need to block the pedal before removing the old head, to prevent the pedal from moving the head tension is released. This will prevent the pedal from snapping down abruptly, which might cause injury and damage to the mechanism due to the high tension of the spring.

\*When changing the timpani head, we recommend you choose "RC-Series Renaissance Clear Aluminum Insert" by REMO to avoid the difficulties during the head replacement. If you prefer to use different models or brand of timpani head, additional adjustments of the mechanism may be required, and you may need to consult with a professional repair technician.

1. Set the pedal to the fundamental note. (See IV-II and IV-III.)
2. Firmly place a square block of wood or other appropriately sized rigid spacer under the toe of the pedal to hold it in the fully heel-back position.
3. Loosen and remove each tension rod and set aside.
4. Remove the counter hoop.
5. Remove the old timpani head.
6. Use a Green Scouring/Scrub pad or #0000 steel wool to remove the old lubrication, dirt, and rust on the lip of the kettle. (Be careful to not apply excessive pressure when using steel wool, as it may damage the rim/lip and cause buzzing sounds during playing.)
7. Carefully spray a small amount of Teflon lubrication on the lip of the kettle and allow to dry before touching.
8. Put the new timpani head on the kettle center it in the correct position. (Please make sure the timpani head is even on each side of the kettle.)



9. Make sure the tension rod is properly aligned in the spider receiver.



10. To tune your timpani, please refer to point V-III below.

In order to seat the new heads and prepare for tuning, we recommend allowing the new head to stretch. This can be done by slightly pressing down on the drumhead and tension hoop when installing the tension rods. After getting the tension rods in place, raise the pedal to its highest pitch and leave in place for 1-2 days without adjusting or playing. This process will allow the head to further stretch and adapt to the kettle.

## V-II. Periodic Maintenance

To ensure proper functionality, sound quality and extend the life span of your timpani, we recommend periodic maintenance and cleaning. See below for maintenance suggestions and instructions:

### 1. Cleaning Timpani Head

Daily use of drums can lead to the accumulation of dirt, oil from hands, sweat, and dust on drumheads. We recommend you clean the drumhead after every use.

\*To clean drumheads, please refer to the maintenance methods provided on the REMO official website.

### 2. Cleaning the lip of kettle

See the instructions for changing the timpani head above (V-I.5).

### 3. Mechanism Lubrication

#### Tension Rods

- Clean the old oil off the tension rod using a soft cloth.
- Apply a small amount of lithium grease to the top of the tension rod to lubricate the rods.



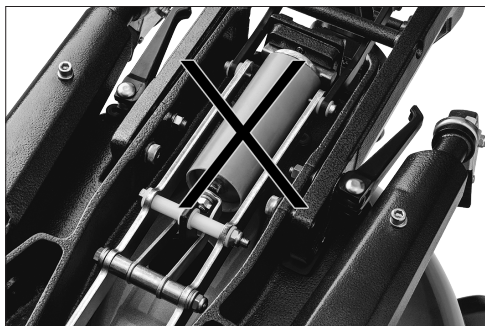
#### Tuning Mechanism

- Use WD40 or similar product to lubricate the following areas as necessary. During the lubrication process, please use a cloth to remove excess spray.



#### WARNING

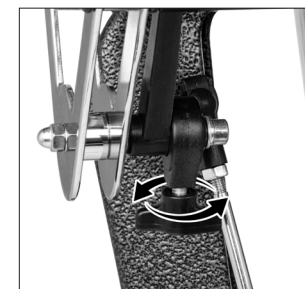
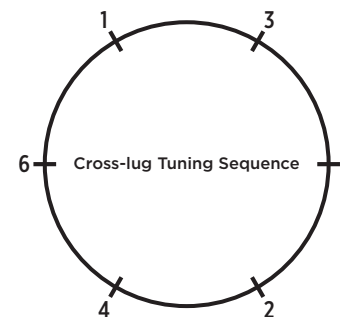
**DO NOT** disassemble the spring system under the base without professional support. Adjustment of the spring tension system under the base **SHOULD NOT** be attempted by an inexperienced user. If needed, please consult with a professional instrument repair technician. Due to the high tension of the spring mechanism, there is risk of injury and causing catastrophic failure of the mechanism if not handled properly. The spring can be very difficult to reinstall without proper tools if anything should go wrong.



## V-III. Tuning

(If you have already followed the instructions for head replacement above, skip to step 3 below.)

1. Set the pedal in the fundamental position. (Please check IV-III.)
2. Tighten the tension rods to "Finger-Tight".
3. Check the fundamental tone list and use a piano/tuner as a reference to adjust the tension rods according to the guideline below until the fundamental tone is accurate. Please make sure you adjust the rods evenly to make the head balance. If not, rods may be bent, and clear pitches and accurate tuning will be difficult to achieve.
4. Align the note name marker on the tuning gauge with the corresponding position. (If the indicator on the tuning gauge is not correctly centered, you may need to loosen the t-bolt and reposition, as shown.)



#### V-IV. Friction of the mechanism

Occasionally, the friction might be too loose due to the vibration during playing. To remedy this, gradually tighten the bolt connecting the rocker at the location shown below. Tighten only a small amount then retest the feel and stability of the pedal before tightening further. Excessive tightening should not be required and is discouraged.



#### V-V. Spring Adjustment

The tension of the pedal spring is crucial for timpani. If you want to adjust the damping for the pedal, please adjust the tension of the spring tension adjustment nut, moving 1/2 turn for each adjustment.



## VI. Introductions

### VI-I. Specifications & Transportation



- A Timpani Head
- B Rim (Lip/Bearing Edge)
- C Counter Hoop
- D Tension Rods
- E Tuning Gauge
- F Kettle
- G Tuning Pedal
- H Collapsible Double Leg
- I Collapsible Single Leg
- J Wheel Brake



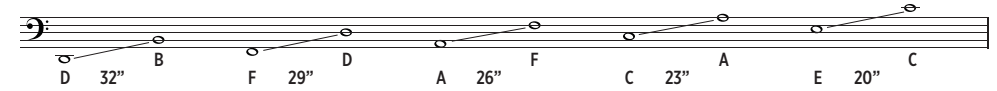
Before the transportation of the timpani, please switch on the break and follow the following step to fold your timpani to avoid damage or physical injury.



### VI-II. Fundamental Tone & Tuning Range

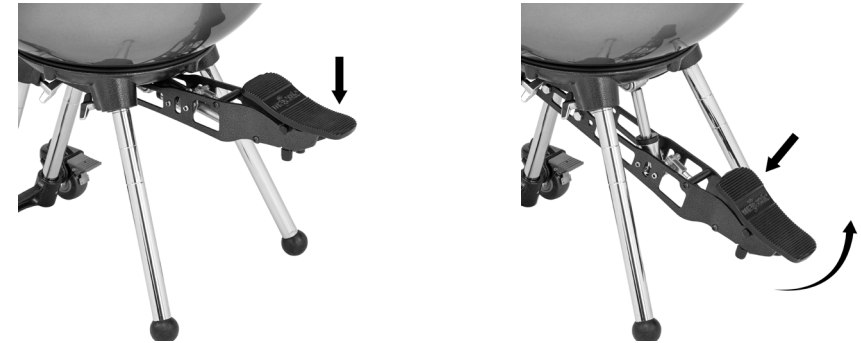
Each Timpano has its own specific tuning range, with the lowest pitch known as the fundamental tone. With the pedal positioned in the bottom of its range or fundamental position, adjust the tension rods in a cross drum tuning sequence until the fundamental tone is set. Please refer to the chart below to determine the fundamental tone and pitch range for the Concert Series.

**\*When tuning your timpani, please follow the suggested tuning range. Tuning timpani far outside of its suggested tuning range is strongly discouraged, as damage to the instrument can occur.**



### VI-III. Block Style Pedal Tuning System

#### Fundamental Position of the Block Pedal



• By rotating the pedal forward and pressing the mechanism toward the floor, tension is added to the head and the pitch will rise.

## VII. Adjustments

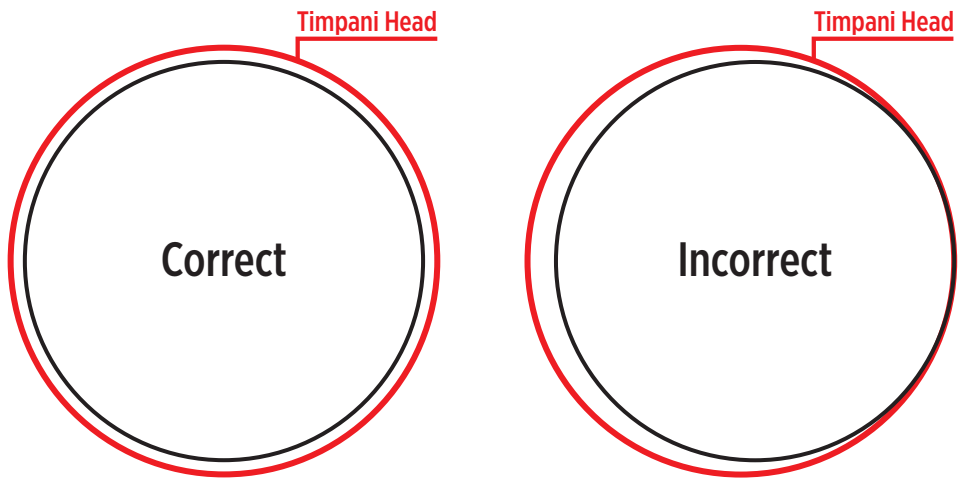
### VII-I. Head Changing

Majestic recommends changing timpani heads every two years based on average usage. If the timpani head is not regularly replaced and cleaned, it can lead to tuning difficulties and even cause the pedal system to malfunction. Replacing the timpani heads regularly will ensure optimal sound quality and performance.

\*Majestic ensures precise installation of the timpani head during the manufacturing phase. However, it is possible for the head tension to loosen in transit, which might cause instability or tuning issues.

\*When changing the timpani head, we recommend you choose "RC-Series Renaissance Clear Aluminum Insert" by REMO to avoid the difficulties during the head replacement. If you prefer to use different models or brand of timpani head, additional adjustments of the mechanism may be required, and you may need to consult with a professional repair technician.

1. Set the pedal to the fundamental note. (See VI-II and VI-III)
2. When de-tuning the head with the tuning key for replacement, the pedal mechanism should automatically remain in the lowest pitch position without external support.
3. Loosen and remove each tension rod and set aside.
4. Remove the hoop.
5. Remove the old timpani head.
6. Use a Green Scouring/Scrub pad or #0000 steel wool to remove the old lubrication, dirt, and rust on the lip of the kettle. (Be careful to not apply excessive pressure when using steel wool, as it may damage the rim/lip and cause buzzing sounds during playing.)
7. Carefully spray a small amount of Teflon lubrication on the lip of the kettle and allow to dry before touching.
8. Put the new timpani head on the kettle and place it on the hoop in the correct position. (Please make sure the timpani head is even on each side of the kettle.)



9. Make sure the tension rod is properly aligned in the spider receiver.



10. To tune your timpani, please refer to point VII-III below.

In order to seat the new heads and prepare for tuning, we recommend allowing the new head to stretch. This can be done by slightly pressing down on the drumhead and tension hoop when installing the tension rods. After getting the tension rods in place, raise the pedal to its highest pitch and leave in place for 1-2 days without adjusting or playing. This process will allow the head to further stretch and adapt to the kettle.

## VII-II. Periodic Maintenance

To ensure proper functionality, sound quality and extend the life span of your timpani, we recommend periodic maintenance and cleaning. See below for maintenance suggestions and instructions:

### 1. Cleaning Timpani Head

Daily use of drums can lead to the accumulation of dirt, oil from hands, sweat, and dust on drumheads. We recommend you clean the drumhead after every use.

\*To clean drumheads, please refer to the maintenance methods provided on the REMO official website.

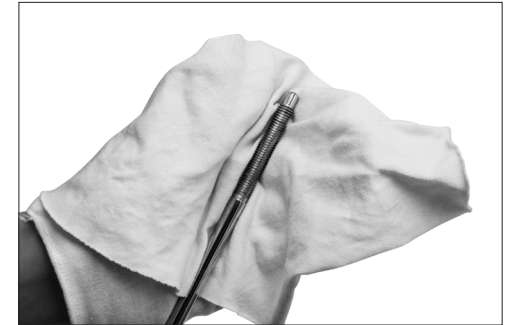
### 2. Cleaning the lip of kettle

See the instructions for changing the timpani head above (VII-I.5).

### 3. Mechanism Lubrication

#### Tension Rods

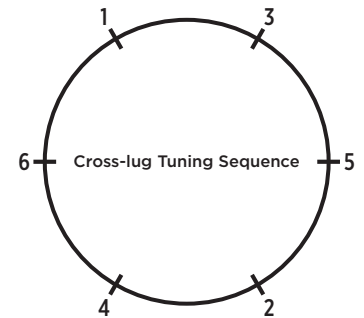
- Clean the old oil off the tension rod using a soft cloth.
- Apply a small amount of lithium grease to the top of the tension rod to lubricate the rods.



## VII-III. Tuning

(If you have already followed the instructions for head replacement above, skip to step 3 below.)

1. Set the pedal in the fundamental position. (Please check IV-III.)
2. Tighten the tension rods to "Finger-Tight".
3. Check the fundamental tone list and use a piano/tuner as a reference to adjust the tension rods according to the guideline below until the fundamental tone is accurate. Please make sure you adjust the rods evenly to make the head balance. If not, rods may be bent, and clear pitches and accurate tuning will be difficult to achieve.
4. Align the note name marker on the tuning gauge with the corresponding position. (If the indicator on the tuning gauge is not correctly centered, you may need to loosen the t-bolt and reposition, as shown.)







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