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› [TSV](#) /

› [TSV Quartz Clock Movement Replacement Kit with Chime - Silent Battery Operated Mechanism, Model H4C1570-L002626715FBA](#)

TSV H4C1570-L002626715FBA

TSV Quartz Clock Movement Replacement Kit with Chime

Model: H4C1570-L002626715FBA

INTRODUCTION

The TSV Quartz Clock Movement Replacement Kit provides a silent, non-ticking mechanism designed for repairing, replacing, or creating wall clocks and grandfather clocks. This kit includes a musical chime feature, multiple sets of clock hands, and all necessary mounting accessories. It offers accurate timekeeping with a smooth, quiet sweep movement, powered by AA batteries. This manual will guide you through the installation, operation, and maintenance of your new clock movement.

SAFETY INFORMATION

- **Battery Handling:** Use only AA batteries. Do not mix old and new batteries, or different types of batteries. Insert batteries with correct polarity (+/-). Remove batteries if the clock will not be used for an extended period.
- **Choking Hazard:** Small parts are included. Keep out of reach of children.
- **Installation:** Ensure the clock hands are handled gently to prevent bending. Avoid excessive force during installation.
- **Environment:** This product is designed for indoor use only. Avoid exposure to extreme temperatures or humidity.

PACKAGE CONTENTS

Please verify that all components are present in your package:

- 1 x Quartz Clock Movement Mechanism
- 1 x Speaker for Chime Function
- 3 Sets of Clock Hands (Hour, Minute, Second)
- Mounting Accessories (Metal Hanger, Rubber Pad, Washer, Hex Nut)

- User Manual (this document)

Note: AA batteries are not included and must be purchased separately.

SPECIFICATIONS

Feature	Detail
Brand	TSV
Model Number	H4C1570-L002626715FBA
Color	Black
Shaft Length	13.55 mm (0.53 inch)
Threaded Shaft Length	5.5 mm (0.22 inch)
Compatibility	Suitable for clock panels less than 7/64 inch thick
Power Source	Battery Powered (AA batteries, not included)
Special Features	Chime, Silent Clock
Display Type	Analog
Mounting Type	Wall Mount
Frame Material	Aluminum and Plastic
Item Weight	100 g
Package Dimensions	15.29 x 6.4 x 3.71 cm

Please refer to the image below for detailed dimensions of the clock movement and speaker.

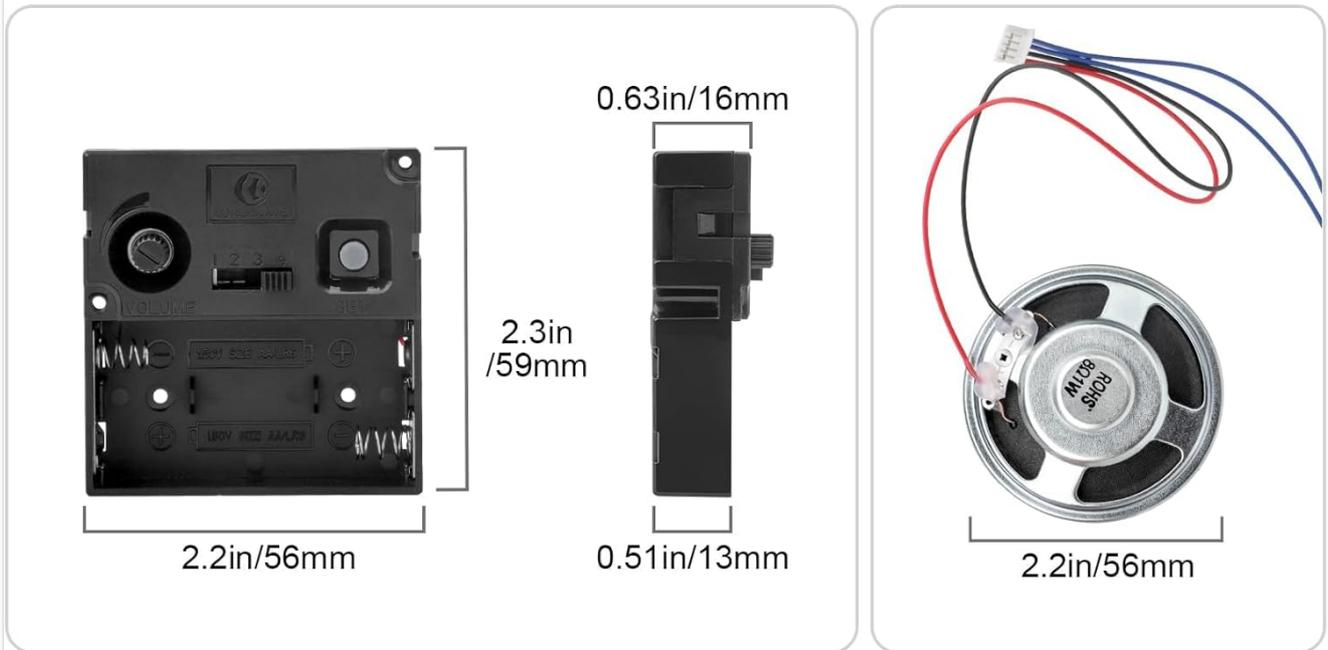
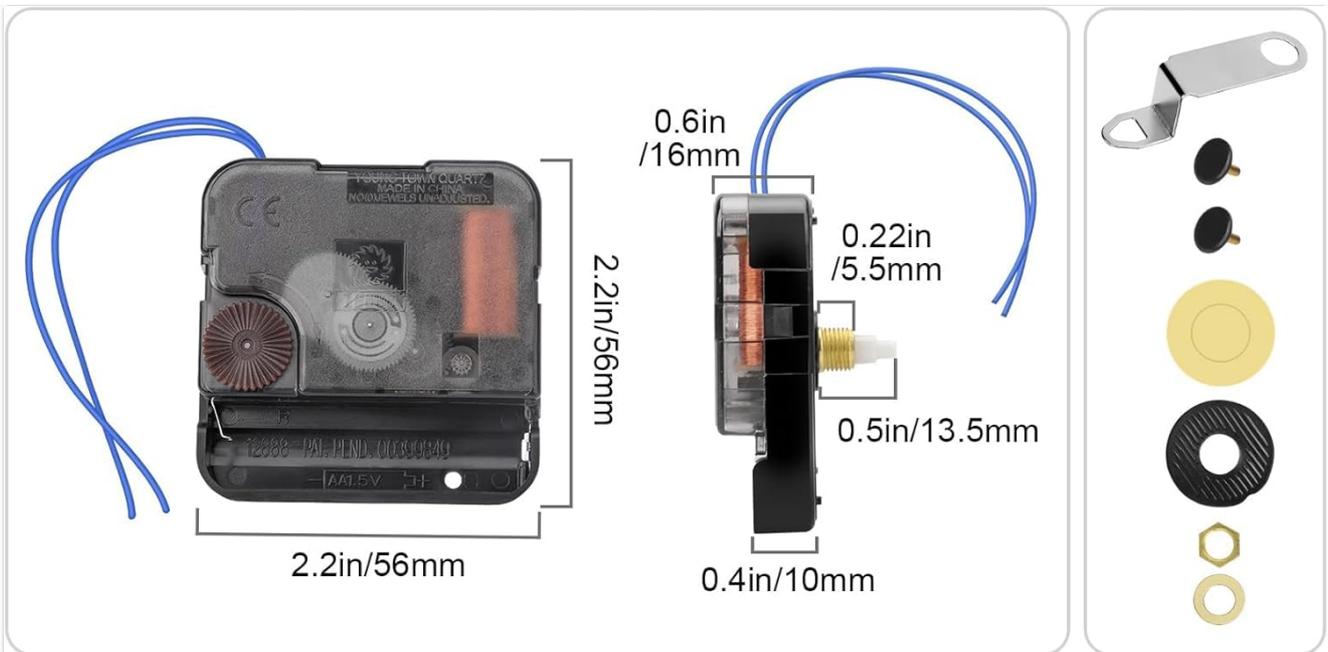
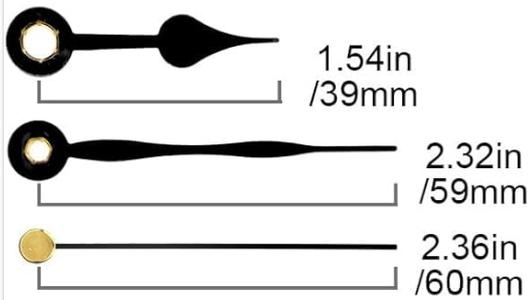
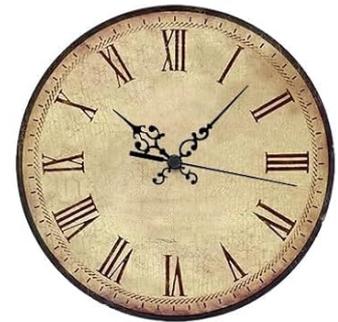
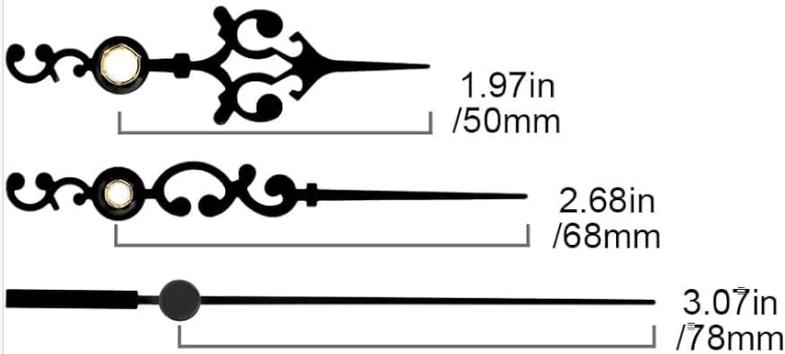


Image showing the dimensions of the clock movement (56x56x16mm, shaft length 13.5mm, threaded shaft 5.5mm) and the speaker (56x59x13mm).

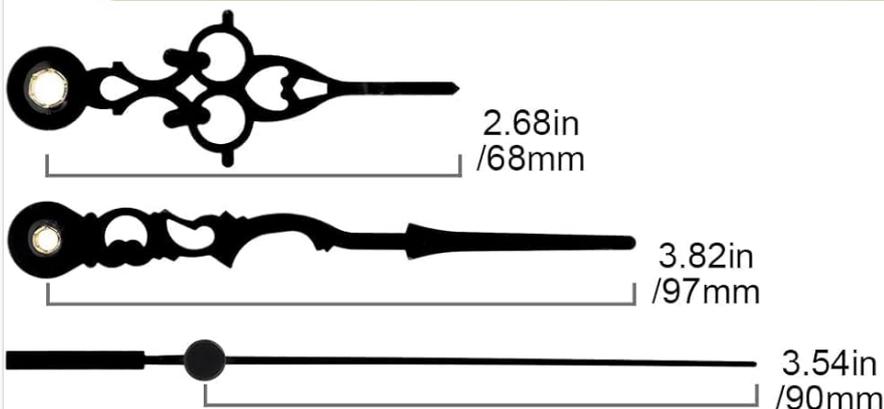
Ensure the shaft length and threaded shaft length are compatible with your clock face thickness. The kit is suitable for clock panels less than 7/64 inch thick.



1. For clock face diameter 125 mm / 4.92 inches or larger



2. For clock face diameter 140 mm / 5.51 inches or larger



3. For clock face diameter 200 mm / 7.87 inches or larger

This image illustrates the different clock hand lengths provided and their recommended clock face diameters: 1. For clock face diameter 125 mm (4.92 inches) or larger, hands are 39mm, 59mm, 60mm. 2. For clock face diameter 140 mm (5.51 inches) or larger, hands are 50mm, 68mm, 78mm. 3. For clock face diameter 200 mm (7.87 inches) or larger, hands are 68mm, 97mm, 90mm.

SETUP INSTRUCTIONS

Follow these steps to install the clock movement and hands:

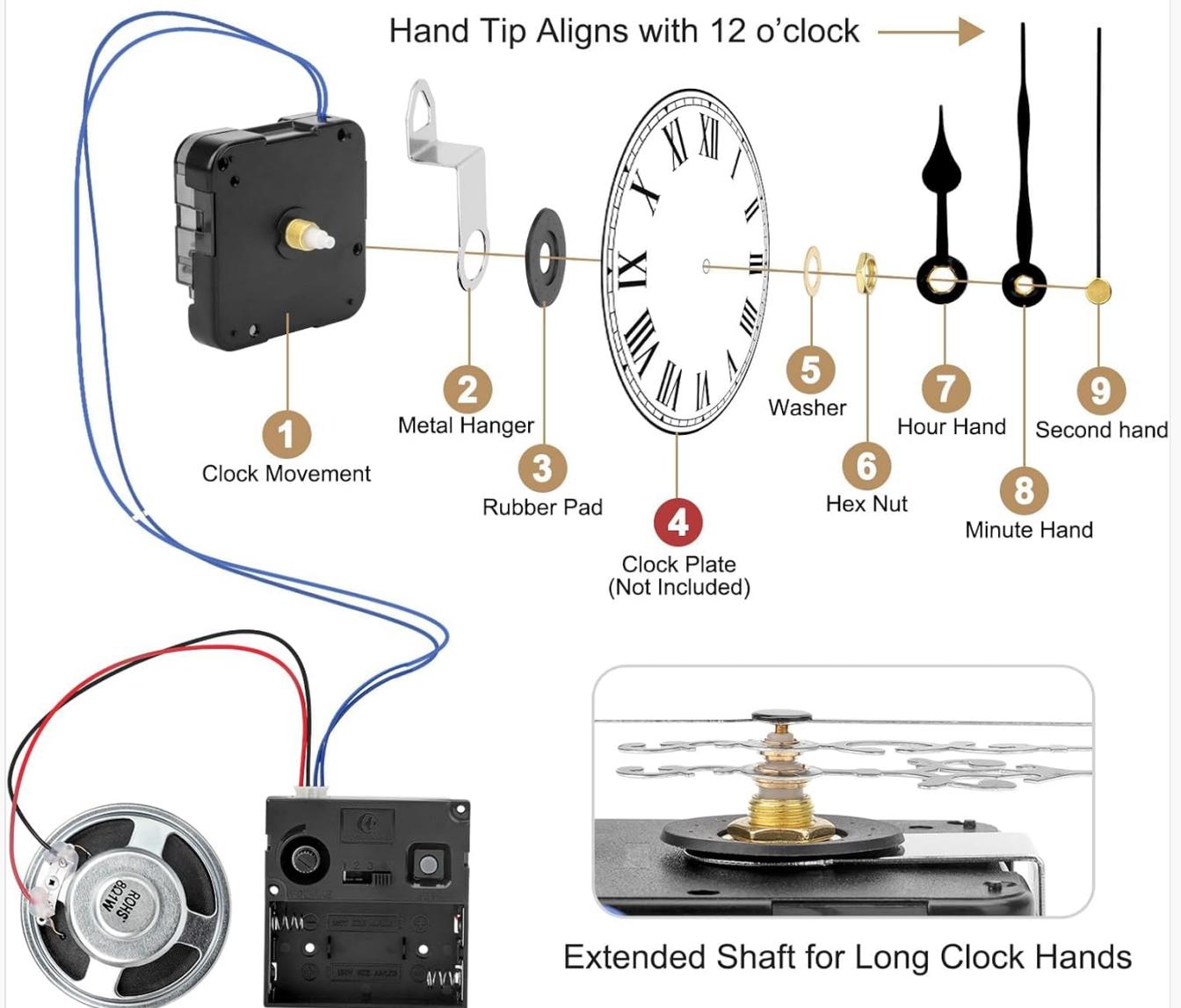
1. **Prepare the Clock Face:** Ensure your clock face has a central hole suitable for the clock movement shaft. The kit is compatible with clock panels less than 7/64 inch thick.
2. **Install the Movement:** Insert the clock movement (1) through the back of the clock face.
3. **Secure the Movement:** Place the rubber pad (3) over the shaft on the front of the clock face, followed by the washer (5) and then tighten the hex nut (6) to secure the movement. Do not overtighten.
4. **Attach Clock Hands:**
 - Gently press the hour hand (7) onto the shaft, aligning it with the 12 o'clock position.

- Next, press the minute hand (8) onto the shaft, also aligning it with the 12 o'clock position.
- Finally, press the second hand (9) onto the shaft.

Important: Ensure the hour and minute hands are parallel to each other and do not touch. Avoid bending the hands during installation. The tip of the hand should align with the 12 o'clock mark.

5. **Install Battery:** Open the battery compartment on the back of the clock movement. Insert one AA battery (not included), ensuring correct polarity.
6. **Connect Speaker:** Plug the speaker wires into the designated port on the clock movement.
7. **Set Time:** Use the time adjustment knob on the back of the movement to set the correct time.

Installation Instructions Included



Exploded view of the clock movement components and their assembly order: 1. Clock Movement, 2. Metal Hanger, 3. Rubber Pad, 4. Clock Plate (Not Included), 5. Washer, 6. Hex Nut, 7. Hour Hand, 8. Minute Hand, 9. Second Hand. The diagram also shows the speaker connection and an extended shaft for long clock hands.

OPERATING INSTRUCTIONS

Time Setting

- After installing the battery, the clock will automatically reset to 6:00 AM.
- Use the time adjustment knob on the back of the movement to set the current time.

Chime Function

The clock movement includes a musical chime feature with adjustable settings:

Rotary Volume Control:

Adjust the volume easily using.

Chime Time Setting:

Press the gray SET button to advance the chime time by one hour.

Important:

During the first hour after setup, the 4x4 mode may not work correctly. After that, the chime will function normally (e.g., if set at 10:25, the chime will activate at 11:00)

Note:

When the AA battery is inserted, the clock resets to 6:00 AM, regardless of the current time.



Chime Options:

- ① Ave Maria: Plays Ave Maria chime and strikes on the hour.
- ② 4x4 Westminster: Plays Westminster chime and strikes on the hour, with additional chimes at 15, 30, and 45 minutes.
- ③ Westminster: Plays Westminster chime and strikes on the hour.
- ④ Bim Bam: Strikes on the hour (e.g., 1 strike at 1:00, 2 strikes at 2:00)

Automatic Night Mode

The clock automatically silences the chime from 10:00 PM to 5:59 AM when the strike is set correctly.

This image details the controls for the chime function. It shows the Rotary Volume Control for easy adjustment, the Chime Time Setting button (gray SET button) to advance chime time by one hour, and a note about the clock resetting to 6:00 AM upon battery insertion. Chime Options include Ave Maria, 4x4 Westminster, Westminster, and Bim Bam.

- **Rotary Volume Control:** Adjust the chime volume using the rotary knob located on the clock movement.
- **Chime Time Setting:** Press the gray SET button to advance the chime time by one hour.
- **Important Note for Chime:** During the first hour after setup, the 4x4 mode may not work correctly. After this initial hour, the chime function will operate normally. For example, if the chime is set at 10:25, it will activate at 11:00.
- **Automatic Night Mode:** The clock automatically silences the chime from 10:00 PM to 5:59 AM when the strike is set correctly.

Chime Options

You can select from various chime melodies:

1. **Ave Maria:** Plays Ave Maria chime and strikes on the hour.
2. **4x4 Westminster:** Plays Westminster chime and strikes on the hour, with additional chimes at 15, 30, and 45 minutes.
3. **Westminster:** Plays Westminster chime and strikes on the hour.
4. **Bim Bam:** Strikes on the hour (e.g., 1 strike at 1:00, 2 strikes at 2:00).

MAINTENANCE

- **Battery Replacement:** Replace the AA battery approximately once a year, or when the clock starts losing time or the chime weakens. Always replace with a fresh, high-quality AA battery.
- **Cleaning:** Use a soft, dry cloth to clean the clock movement and hands. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the clock for an extended period, remove the battery to prevent leakage and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock not working / Hands not moving	Dead or incorrectly installed battery. Hands are stuck or bent.	Check battery polarity and replace with a fresh AA battery. Ensure hands are not touching each other or the clock face. Gently straighten any bent hands.
Chime not working or incorrect	Speaker not connected. Chime time not set correctly. 4x4 mode in initial hour.	Ensure speaker wires are securely plugged in. Use the SET button to adjust chime time. Wait for the first hour after setup for 4x4 mode to function correctly.
Clock losing or gaining time	Low battery. Movement malfunction.	Replace the battery with a fresh one. If the problem persists, the movement may need replacement.
Hands are loose or fall off	Hands not pressed firmly enough during installation.	Carefully re-attach the hands, ensuring they are pressed firmly onto the shaft without bending.

WARRANTY INFORMATION

Specific warranty details for this product are not provided in the available information. Please refer to the retailer's return policy or contact the seller directly for warranty inquiries.

SUPPORT

For further assistance or technical support, please contact the seller or refer to the product listing on the platform where it was purchased. Ensure you have your model number (H4C1570-L002626715FBA) and purchase details

ready.



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