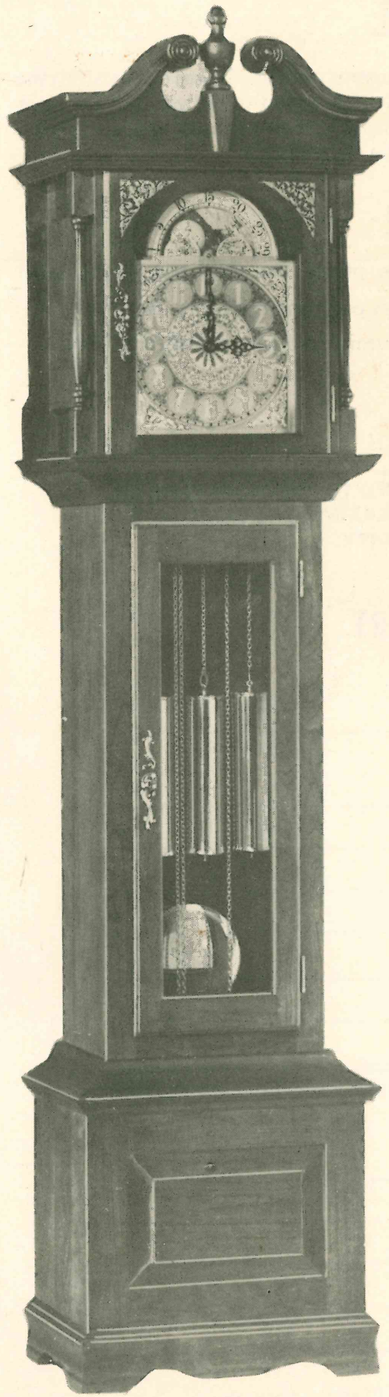

Model 300

82" x 19½" x 13"

ALL REPAIRS MUST BE MADE IN OUR FAIRHOPE, ALABAMA PLANT, LOCAL REPAIRS NOT AUTHORIZED.

Our Guarantee

"Good Will and integrity, like a good name, is won by many acts . . . and lost by one." While we always strive for perfection, there is still a very human world. If for any reason the contents of this box are imperfect, please notify us.

FULL ONE YEAR WARRANTY

All movements are superbly crafted time keeping instruments of the finest quality, made by Germany's finest clocksmiths. Each movement carries a full one year warranty. Obtain written authorization from factory for warranty repairs. Movements must be returned in original shipping cartons.

Robert H. Taupeka

Robert H. Taupeka, President
Emperor Clock Company,
Emperor Industrial Park
Fairhope, Alabama 36532

OBTAIN WRITTEN AUTHORIZATION FROM FACTORY FOR WARRANTY REPAIRS. MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON.

REVISED 4-77

Emperor® Clock Company

MODELS 200M/300M MOVEMENTS

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On this and the following pages you will find specifications, installation instructions, proper operation, and trouble shooting information to assure you satisfaction with your Emperor Grandfather Clock Movement. The Emperor Movement, designed and manufactured to West German specifications, provides a beautiful melodious sound on the musically tuned chime rods. Our clocksmiths have made a thorough and complete check of your movement in their modern, humidity controlled rooms, that also contain a complete inventory of all parts used, and the finest in clock test equipment. We invite you to visit our plant when you come to the Fairhope area, located on beautiful Mobile Bay, 50 miles west of Pensacola, Florida, and 25 miles east of Mobile, Alabama, on U.S. 98 truck route, Emperor Industrial Park, Fairhope, Alabama 36532.

SPECIFICATIONS

SIZE OF DIAL *(RAISED BRASS ARABIC NUMERAL):*
11" Wide x 15 5/8" High
MOVEMENT PLATE SIZE: 6 3/4" x 9 1/8"
DIAMETER OF PENDULUM BOB: 6 5/8"
DISTANCE FROM CENTER POST TO CENTER OF PENDULUM BOB *(LENGTH OF PENDULUM);* 38 5/8"
ESCAPEMENT: Graham
PENDULUM SWING: 11"
WEIGHT SHELL DROP *(TOTAL DEPTH):* 47"
SIZE OF WEIGHT SHELLS: 2 1/2" Diameter x 9 5/8"
MODEL 200 M
Weight driven, chain wind, full Westminster chime.
Chimes each quarter hour.
MODEL 300 M
Weight driven, chain wind, triple chime.
Chimes each quarter hour by selection, either
WHITTINGTON – ST. MICHAEL – WESTMINSTER

MODEL 200 M - Total weight of each shell - complete with weight filler *(in pounds).*

HOUR *(STRIKE)*	TIME TRAIN	QUARTER *(CHIME)*
7.7 *LEFT*	7.7 *CENTER*	8.8 *RIGHT*

MODEL 300 M - Total weight of each shell - complete with weight filler *(in pounds).*

HOUR *(STRIKE)*	TIME TRAIN	QUARTER *(CHIME)*
7.7 *LEFT*	7.7 *CENTER*	10.5 *RIGHT*

Installation & Operating Instructions

Carefully unpack your 300M Triple Chime Emperor Clock Movement or 200M Single Westminster Chime Emperor Clock Movement and accessories. These accessories consist of the dial, Pendulum Bob, weight shells, and necessary parts for assembling the movement. You will find the weight filler and pendulum in separate boxes. The chains, Moon Dial cam and suspension spring, Part No. 17, for your movement have been installed in our plant. Study the details, and drawings before proceeding with installation or operation of your Emperor Grandfather Clock. The movement mount, chime rods, pendulum, and weights are shipped in separate boxes. (NOTE: Step 10 through 16 must be followed by those who have purchased completely assembled Emperor Grandfather Clock Cases with 300M Triple Chime, or 200M Single Chime Movements installed. Steps 1 through 16 must be followed by those who have built the Model 300K Kit, "Do-It-Yourself" Emperor Grandfather Clock Cases.

STEP 1: Remove the packing paper from around the movement, exercise care because the packing protects the suspension spring (No. 17). The suspension arm assembly (No. 21) is wrapped with the hour and minute hand in tissure paper and taped to the movement. Remove the suspension arm assembly and the protective paper from around the chains. DO NOT LAY THE MOVEMENT ON IT'S BACK OR FACE. (Fig. 1, Page 3).

STEP 2: Remove packing from the dial and lay the dial face down on a large piece of foam, to prevent scratching the highly polished brass. (Fig. 1)..

STEP 2B: Lay the accessories out and check parts as in Fig. 1, suspension arm assembly (No. 21), two movement mounting brackets, and screws (No. 22 & 23), 4 chime rod bolts, hand set nut, minute and hour hand set (No. 6), 4 dial retaining clips, and moon dial cam, installed on the hour tube. Refer page 3.

STEP 3: Remove the chain tie, make sure the chains are on the main wheels, and hang freely. If the chains have fallen from the wheels during transit they may be replaced as follows:

(a) Center wheel—to replace this chain, fish the chain up through the top of the movement with a long wire hook. The chain may then be dropped on to the wheel from above.
(b) Chime and hour side—lift the chain over and onto the wheel from the side of the movement.

STEP 4: Check position of the moon dial cam. Reposition cam if necessary to locate the moon dial cam 5/8" from the front edge of the hour tube. Tighten the screw on the cam. Care must be taken not to tighten too tight as the hour tube could be indented by the screw.

STEP 5: Install the dial (Fig. 3) using the four dial retaining clips.

STEP 6: Movement mount/case installation (see Fig. 4, 4B & 4C).

STEP 7: Install the chime rods (see Fig. 5). Model 200 shown.

STEP 8: Adjust the chime and strike levers (see Fig. 6, 6A & 6B).

STEP 9: Install the hands (see Fig. 7).

STEP 10: Place the suspension arm assembly on the suspension spring as shown in Fig. 11. Make sure the adjustment pin fits properly in the slot provided in the suspension arm. The pin should move freely in the slot of the suspension arm.

STEP 10B: Customers who have purchased completely assembled Emperor Grandfather Clocks Model 300A should carefully remove the chain tie, chime and hour strike protection paper wrap and ties. The suspension arm assembly is wrapped and tapped to the movement mount. Be sure that the chains are properly threaded on all wheels (Step 3) before proceeding to Step 11.

STEP 11: Place the weights in the weight holders as shown in Fig. 8. The perforated end on each chain is hooked into the chain weight hook. After weights are hung, wipe away fingerprints with a clean, lint free cloth.

STEP 12: Install pendulum rod into pendulum bob, and hang through the slot in the suspension arm, as shown in Fig. 9 and Fig. 11. This is easily accomplished by passing the pendulum through the front door of the case and working through either side panels to attach the pendulum.

STEP 13: From the front of the case, allow the pendulum to swing gently by holding the bob against one side of the case and releasing it to swing freely. The bob should not strike the opposite side of the case, if it does, this indicates the case is low on the side where the bob hits the case. (This may be corrected by raising the clock case on that side, or lowering the clock case on the high side.) The pendulum must swing without having the bob strike the case when released from either side. Use the four floor levelers in the base of the cabinet to level. (Fig. 12).

STEP 14: You should hear an even "tic" and "toc". If uneven check again for levelness.....both side to side and front to back. The pendulum must swing evenly both sideways, and front to back, if it does not the clock case is not level (Step 13). THIS IS MOST IMPORTANT. After assuring proper leveling, allow the clock to operate for 24 hours, before any regulation is made for fast or slow adjustments. During this period, clock will self adjust for proper hour chiming.

STEP 15: The regulation of your clock is finished simply by means of the adjustment nut located on the bottom end of the pendulum rod. To slow the clock down: move the adjustment nut (and pendulum bob) towards the base of the clock. To make the clock run faster, run the adjustment nut upward with the pendulum bob.

STEP 16: You may now proceed with installing the back and side panels on your clock case.

In the event you move your clock from one room to another, always remove the weights, and the pendulum, to prevent damage to the working parts of the movement. When leaving your home for periods of over one week we suggest stopping your clock by stopping the pendulum.

Pull the top of the weights as illustrated, or recommended in Fig. 12, Page 8. Your movement has been completely checked in our modern clock department. However, as with all mechanical products, some maladjustment may occur either in transit or in future years. For this reason, we maintain a complete inventory of every part in the Models 200M/300M movements at our Fairhope, Alabama plant.

Operating & Trouble Shooting

In the event your movement does not operate properly – check the following:

1. CLOCK MOVEMENT DOES NOT OPERATE

(a) Check for proper fit of anchor arm and suspension arm assembly (Fig. 11).
(b) Check levelness, both front to back and side to side, see Step 13.
(c) Reset anchor assembly and pallets, see Fig. 13.
(d) Suspension spring is broken, see Fig. 15, Page seven, for replacing.
(e) Weights have been pulled up to far, and jammed against wheels.
(f) Minute hand rubbing against the hour hand or hour tube, see Fig. 7.
(g) Moon dial cam too tight, see Step 4.
(h) Chain twisted on main wheel.

2. CHIMES DO NOT OPERATE PROPERLY

(a) Check silence lever position (Fig. 14).
(b) If clock chimes at the wrong time, such as striking four notes (quarter hour) when minute hand is on half hour, remove hand nut and minute hand, then replace minute hand on quarter hour. After the self adjustment period (Step 14).
(c) Minute hand is not on hour when striking. Remove hand and turn bushing with a pair of pliers to line up correctly on hour, replace hand and hand nut. (Fig. 7).
(d) Weights have been pulled up too far and weight hooks jammed.
(e) Check for proper weight. (See specifications).
(f) Chain twisted on main wheel.

3. CLOCK WILL NOT ADJUST TO PROPER TIME

(a) Re-check Step 15.

4. PENDULUM BOB STRIKES SIDE OF CASE

(a) Re-check Step 13.
(b) Check pin position on anchor arm assembly, Fig. 11. The pin should be in a line vertical to the anchor arm.

NOTE: IF YOU DESIRE TO ORDER SPARE MOVEMENT PARTS, PLEASE WRITE FOR OUR CURRENT PRICE LIST. SUSPENSION SPRINGS (PART 17) ARE AVAILABLE @ $2.70 EACH (SHIPPED POSTAGE PAID). ORDER AS FOLLOWS: 81404 - // 17 SUSPENSION SPRING

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MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON

PARTS LIST

MODELS 200M/300M MOVEMENT

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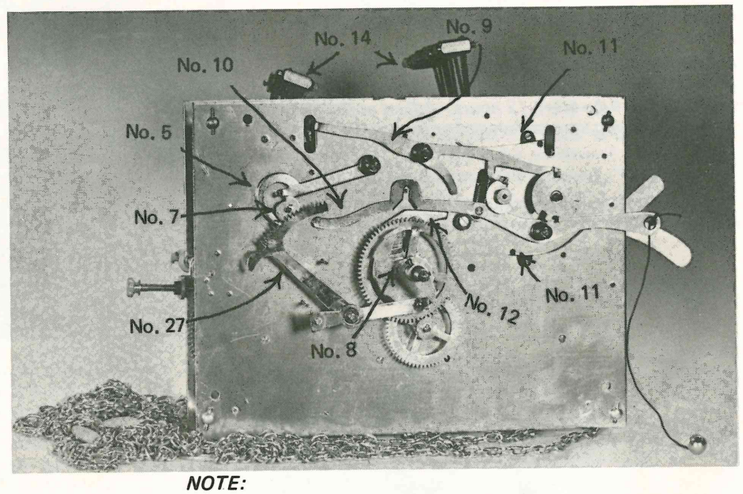
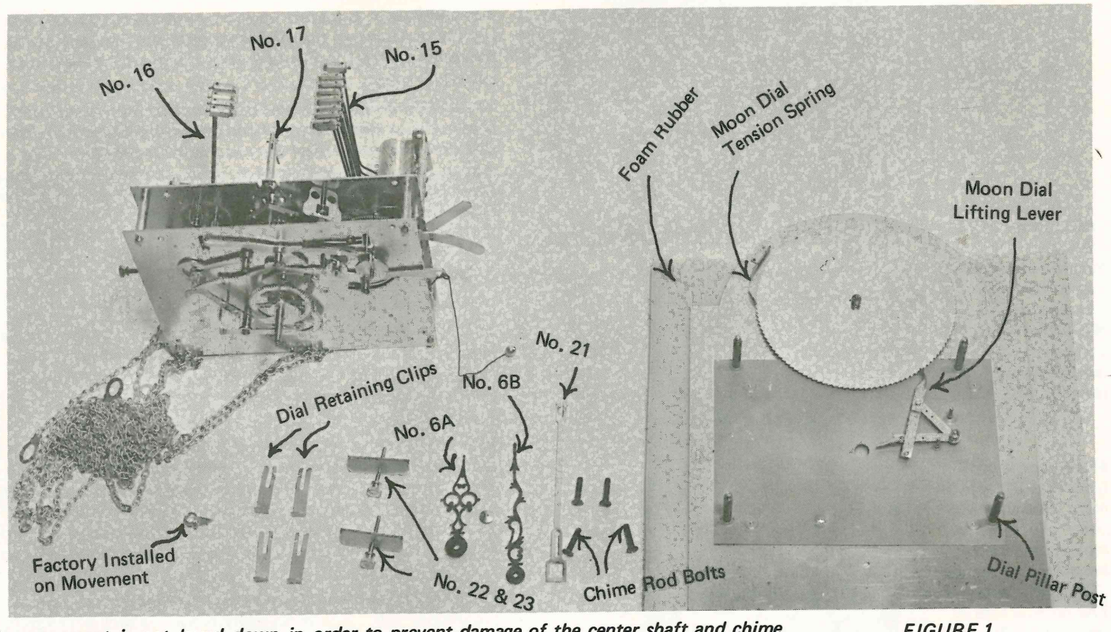
5 - Hour Hook
6A - Hour & 6B - Minute Hand
7 - Gather Pallet Assy.
8 - Hour Tube Assy.
9 - Stop Lever
10 - Long Lever Assy.
11 - Long & Stop Lever Springs
12 - Lifting Lever
13 - Hand Set Nut
14 - Hammers
15 - Chime Levers
16 - Hour Shaft Assy.
17 - Suspension Spring
18 - Anchor Bridge Assy.
19 - Anchor Bridge Screws
20 - Taper Pin (Suspension Spring)
21 - Suspension Arm Assy.
22 - Movement Mounting Bracket
23 - Movement Mounting Screws
24 - Anchor Assembly with Pallets & Screws
24A - Anchor Arm Assy.
26 - Pillar Post Screws
27 - Hour Rack Assy.



NOTE:
We suggest if parts are needed other than those listed that the movement be returned to us for repair by our experienced clock-makers.



The movement is not layed down in order to prevent damage of the center shaft and chime levers. The dial is placed on a piece of foam to prevent scratching and to provide a soft cushion which will not damage the center shaft when the movement is attached to the four dial pilar posts.

FIGURE 1

No. 21 - Suspension Arm Assembly
No. 22 - Movement Mounting Brackets
No. 23 - Movement Mounting Screws

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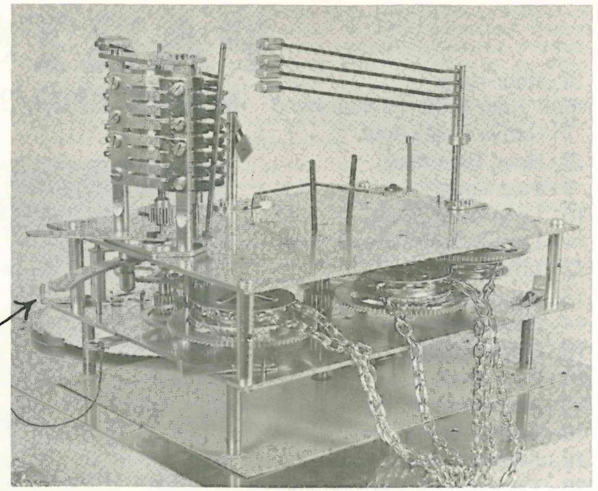
FIGURE 3

Attach the movement to the dial using the 4 dial retainer clips on the 4 dial pillar posts. Insure that the moon dial cam was properly installed (Step 4). The center shaft must drop freely in the hole provided in the center of the dial. It may be necessary to move the moon dial cam, or the moon dial lifting lever slightly if there is not enough clearance.

After attaching the dial check to see if the moon dial cam will be in the proper position to lift the lifting lever as it turns on the hour tube every 12 hours. Adjust at this time if required by moving the cam forward or back as necessary.



The Movement Models No. 200M Westminster Chimes, and the No. 300M Triple Chimes, are installed into the Model 300 Emperor Clock Case in the manner illustrated below.

DIAL BOARD

Half-Moon Shaped Plywood Part "A"

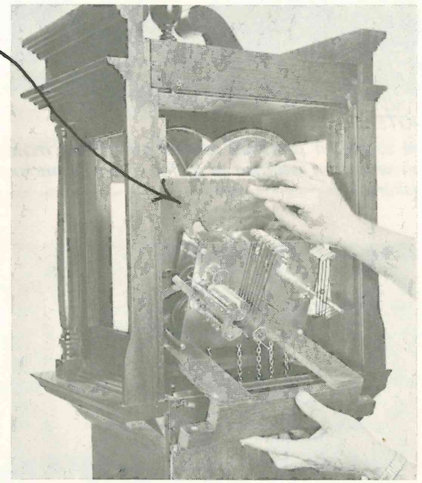


FIGURE 4

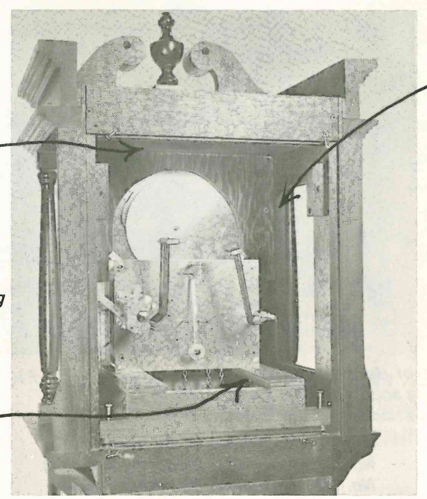
To place the movement into the case the movement mount is inserted half-way into the case first, tilted back as illustrated.

The movement is placed upon the movement mount by inserting the bottom of the dial first over the forward end of the movement mount followed by the chains which are placed into the clock case.

The half-moon shaped plywood portion of the movement mount is placed over the movement and centered just behind the moon dial disk and forward of the movement front plate. The entire unit is then lifted to a level position and slid all the way forward until the rear of the movement mount is into the clock case. (See Figure 4B)

This portion of the movement mount must be clear and free of the moon dial disk, moon dial lifting lever, and moon dial tension spring. (see Fig. 16)

Movement is attached to the movement mount at this point which the movement mounting brackets and screws (22 &23). Note: The narrow side of the bracket No. 22 is placed toward the chains



Screw into case, use proper length screw to prevent going through clock case.

FIGURE 4B

Align the face or dial from the front of the clock by sliding the movement to the right or left on the movement mount. Wood shims may be required to raise the dial and should be placed under the movement mount. The half-moon shaped plywood portion of the movement mount will cover any gap between the dial and clock case if stained the same color as the case.

With the dial centered install the mounting brackets and screws (No. 22 & 23). The movement mount is secured to the clock case by inserting a wood screw through each side of the rear of the mount down into the clock case. Screw the front portion of the movement mount into the clock case taking care not to drive screws through the front of the clock case.

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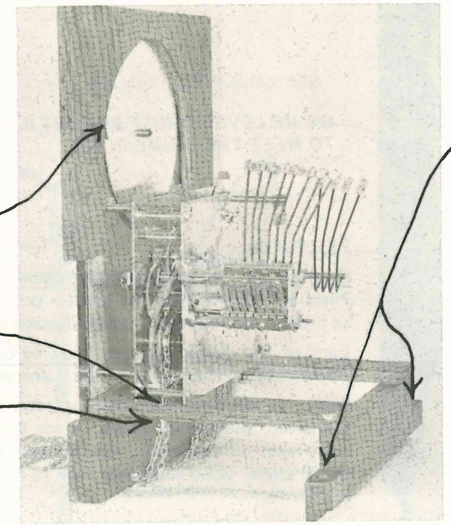


FIGURE 4C

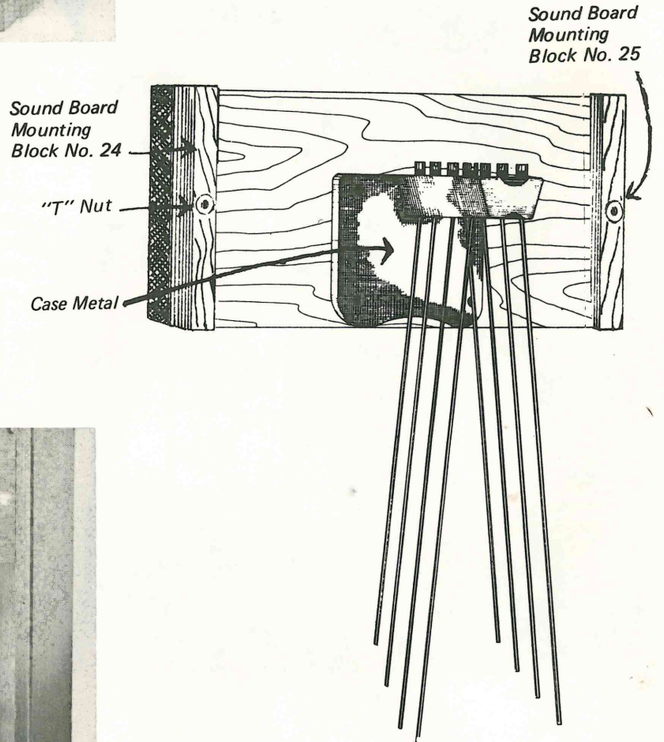
Part "A" should be stained the same color as the clock case. The movement is held to the movement mount by the two movement mounting screws and brackets ("C").

Drill and then insert a two inch screw at each end of the rear of the movement mount at point "D", and screw down into the case.

FIGURE 5

Use the chime rods for your template and center the rods on the sound board. The case metal is flush with the bottom of the sound board. Drill the four holes needed using a ¼" or slightly larger drill. Countersink the holes for the four screws furnished. Install the chime rods on the sound board. The chime rods may require some slight bending to prevent them from touching each other during chiming or striking.

Install the chime board with rods attached by first drilling and counter-sinking holes to fit the sound board mounting block already installed in the case. Install the sound board three inches below the bottom of the top rail.



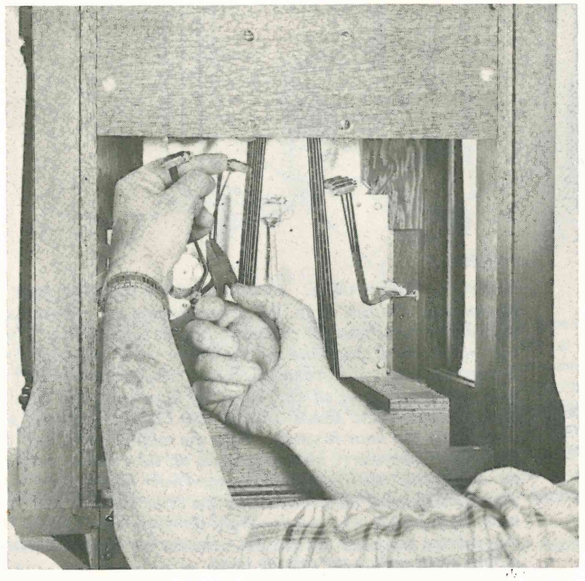


FIGURE 6

Each of the chime hammers must be bent forward to strike the chime rods on the center of the hammer.

The hammers should clear each rod approximately 1/8" for the best tone. If a lighter tone is desired bend the chime hammers away from the chime rod thereby increasing the distance between the hammer and the chime rods.

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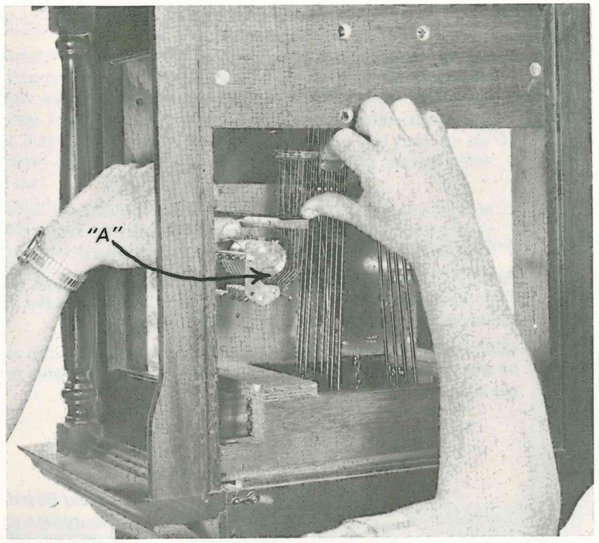

CHIME LEVERS MUST BE BENT BACK TO MEET THE CHIME RODS.

FIGURE 6A

Excerise care not to bend the bottom portion of the levers. Pliers are used to keep the bottom portion of each lever rigid to prevent twisting and possible damage at point "A".

Each of the chime hammers must be bent back to strike the chime rods on the center of the hammer.

With your left hand hold each lever near the base with a pair of flat-jawed, snub-nosed pliers. Place the index finger of your right hand on top of the hammer and thumb above the nose of the pliers. Bend each lever back to meet its respective chime rod.

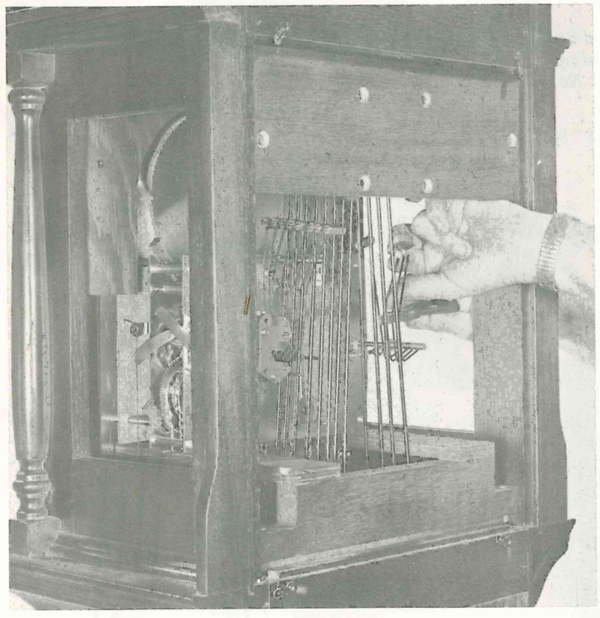

FIGURE 6B
This shows the bending of the hour strike levers.

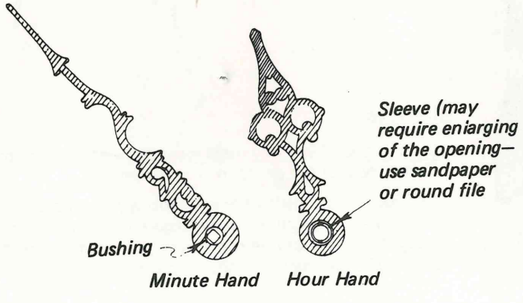

FIGURE 7

INSTALL THE HANDS: Place the chime selection lever to Westminster Chimes. (Fig. 14) When turning the minute hand clockwise always wait for chimes to play at each quarter. Turn the minute hand clockwise on the center shaft until the clock chimes 16 times, and strikes the hour. Repeat to the next 16 note chime and hour strike. Take the hour hand and close or open the gap in the sleeve—slightly (see Figure 7 drawing) and place it on the hour it struck. Take the minute hand, turn the bushing, if necessary, until it is lined up with the bushing on the center shaft then screw on the hand nut. Finger tight only. The minute hand must not touch the hour hand or the hour tube, both hands may require slight up-ward bend to clear the raised brass numerals on the dial. Remember to stop the pendulum when setting the minute hand.

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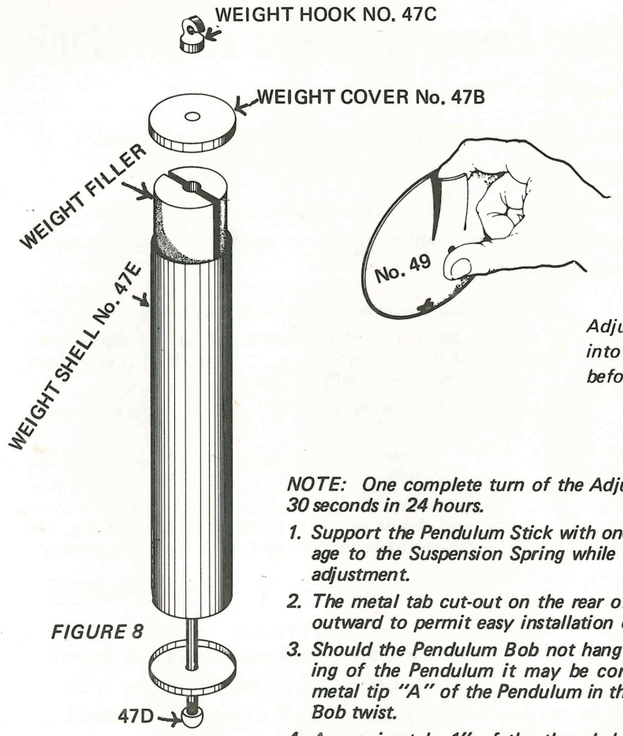
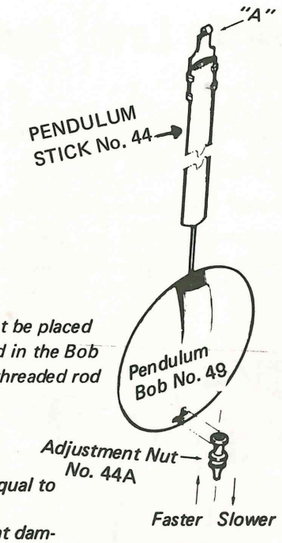


FIGURE 8



Adjustment Nut must be placed into the slot provided in the Bob before inserting the threaded rod

FIGURE 9

NOTE: One complete turn of the Adjustment Nut is equal to 30 seconds in 24 hours.

1. *Support the Pendulum Stick with one hand to prevent damage to the Suspension Spring while making Pendulum Bob adjustment.*
2. *The metal tab cut-out on the rear of the Bob must be bent outward to permit easy installation of the Pendulum Stick.*
3. *Should the Pendulum Bob not hang straight due to a warping of the Pendulum it may be corrected by twisting the metal tip "A" of the Pendulum in the same direction as the Bob twist.*
4. *Approximately 1" of the threaded rod on the Pendulum Stick should extend through bottom of the Pendulum Nut.*

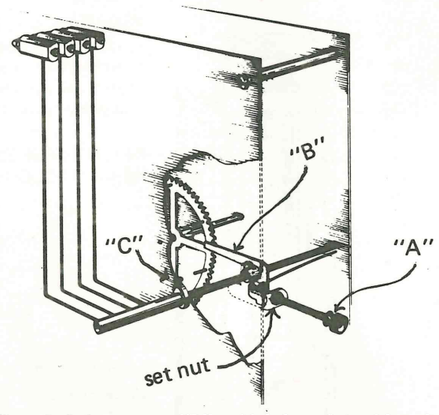


FIGURE 10

The hour striker shaft has a cam "B", which is activated by pins or a star located on a wheel adjacent to the cam. The cam must not rest on the pins when the strike mechanism is at rest, but must be located between pins to activate cam "B", which must have a sufficient momentum built up to prevent the weight of the hour shaft from stalling the movement before or during the strike.

The position of cam "B" is adjusted by inserting, or retracting screw "A" after loosening its set nut. The positioning of screw "A" to far inward will narrow the draw back distance of the strike levers. The draw back distance should be one hammer length.

The hammer-rod distance should be corrected by loosening bushing "C" and turning the strike levers on the shaft.

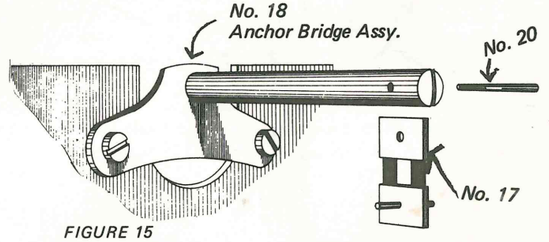


FIGURE 15

DO NOT REMOVE ANCHOR BRIDGE TO REPLACE SUSP. SPRING

To replace the suspension spring, take a pair of needlenose pliers and pull the tapered pin out of the anchor bridge shaft. Then take the new suspension spring and line up the hole on it with the hole in the anchor bridge shaft. Insert the tapered pin in the right side of the anchor bridge shaft.

MAINTENANCE

Your Emperor Grandfather Clock Movement has been factory lubricated. Only the finest lubricants produced by modern technology have been used to provide lubrication and trouble free operation.

OBTAIN WRITTEN AUTHORIZATION FROM FACTORY FOR WARRANTY REPAIRS
MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON

How To Level And Start Your Emperor Grandfather Clock

MOVEMENT MODELS 200M or 300M

1. Remove the hood side panels. Release chime and strike silence levers and all factory packing, or chain ties. See Step 10B of operating instructions if more detail is needed.

2. Install the suspension arm (No. 21) and pendulum with the brass bob attached. Insure that the metal tab pressure against the pendulum stick does not prevent the bob from sliding up or down on the stick. See Step 12 of operating instructions if more detail is needed.

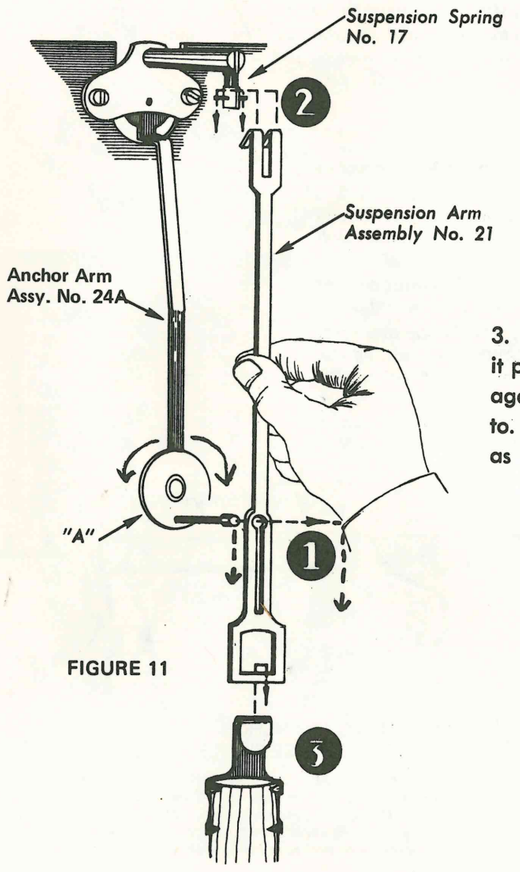


FIGURE 11

Attach the suspension arm assembly as illustrated

a. Place the pin on the anchor assembly arm through the hole of the suspension arm. The pin should move down freely through the slot provided.

b. Raise the suspension arm and place it on the suspension spring.

c. Attach the pendulum as illustrated after installing the pendulum bob.

d. The knurled nut "A" on the anchor arm assembly is movable and should be in the position as shown in Fig. 11. The pin should be in a line vertical to the anchor assembly arm.

3. Carefully place the clock where you would like to have it permanently situated. Care must be taken to prevent damage to the suspension spring which the pendulum is attached to. Level the clock, as illustrated, using the pendulum bob as the leveling device. DO NOT USE A CARPENTER'S LEVEL.

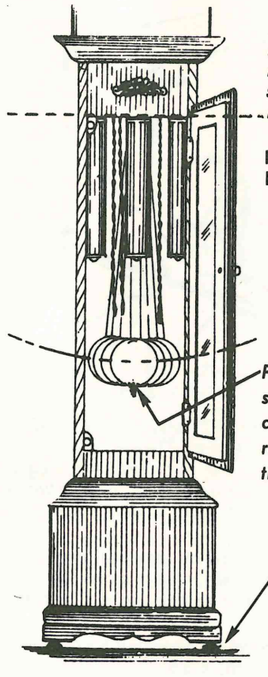


FIGURE 12

NOTE:

When your clock is level as directed, attach all of the weights. Start the pendulum swing. The clock should tick at one end of the pendulum swing, and tock at the opposite end of the swing. If the tick, or tock occurs in between the swing the clock will not run. You must adjust the anchor pallets as follows. If clock does not run . . . go to Fig. 13.

OBTAIN WRITTEN AUTHORIZATION FROM FACTORY FOR WARRANTY REPAIRS
MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON

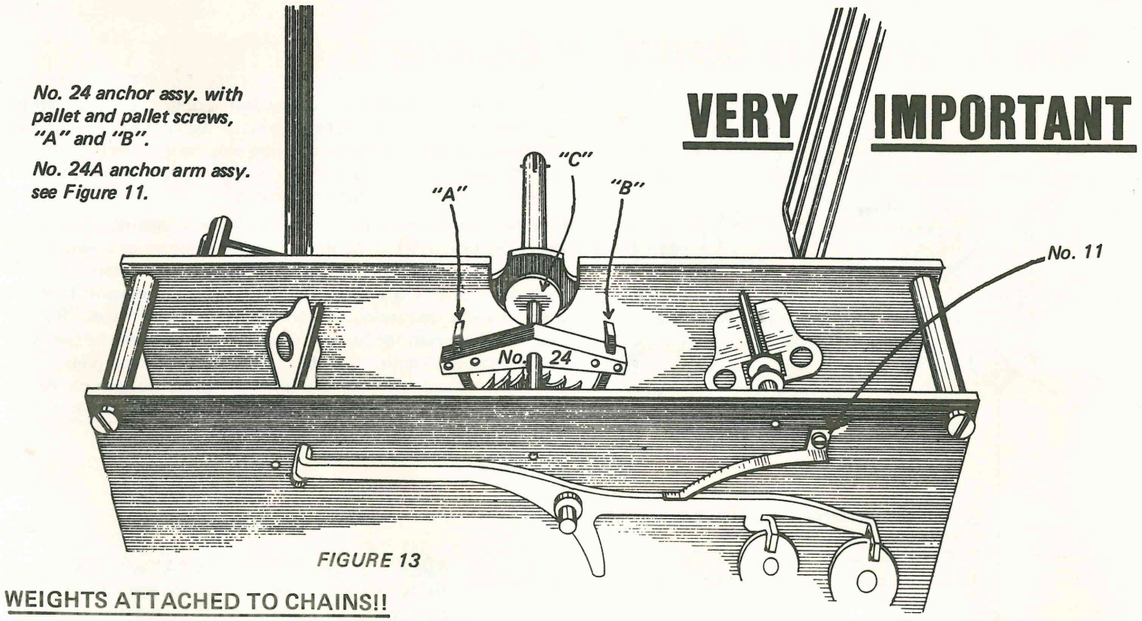


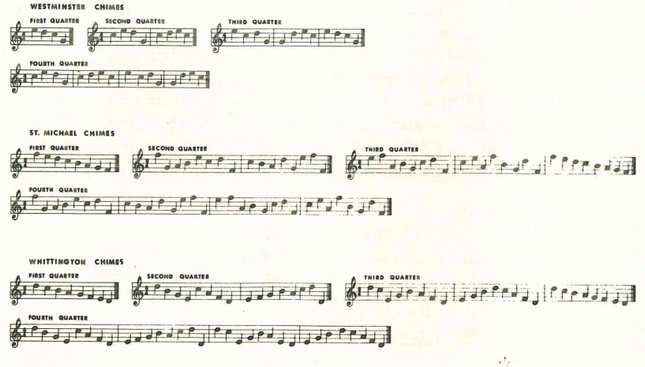
FIGURE 13

WEIGHTS ATTACHED TO CHAINS!!

The anchor arm assembly (No. 24A) should move rapidly from side to side. In the event that No. 24A does not move from side to side, it is an indication that it has been moved off center and must be releveled. The driving force of the time train is transmitted to the escapement wheel located directly beneath the anchor (No. 24). The anchor pallets are labeled "A" and "B". The anchor shaft, on which the anchor is attached, is fixed to the anchor arm assembly (No. 24A) in a manner which allows adjustment. To change the pallet location, hold the anchor arm assembly (No. 24A) firmly in a vertical position with one hand. With your other hand raise or lower the "A" or "B" side of the anchor. Exerting enough downward force on the "A" side of the anchor will cause the anchor arm to slip on the shaft at point "C" if the anchor arm assembly (No. 24A) is held firmly. The object here is to have "A" and "B" level over the escape wheel exactly when the anchor arm assembly (No. 24A) is vertical. Likewise, pressing on the "B" side of the anchor will cause the anchor to lower on the "B" side. Do not loosen any screws.

When the anchor is level, No. 24A will move rapidly from side to side. Now attach the suspension arm (No. 21). The added weight and resistance of the arm will slow the side to side motion. If motion stops, relevel the anchor as before, this time with No. 21 attached. Try to obtain an even sound, time lapse between the tick and the tock.

Attach the pendulum. Now you have added a lot of weight to the time train. The added weight means more resistance. The side to side motion of the anchor arm assembly will slow. Listen to hear the tick at the one side and tock at the other side of the pendulum swing. Adjust the anchor to give an even sound. Observe the escape wheel, from the side, as it rocks the anchor from side to side. At this point the knurled disc and pin "A" in Figure 11 above may be used for fine left to right balance correction.



The Westminster Chime melody is taken from the Big Ben Clock in London. The melody comes from a composition by Handel, "I Know That My Redeemer Liveth".

The St. Michael Chimes and the Whittington Chimes melodies also orignate in England. The bells for the St. Michael Chimes were cast in London for a church in Charleston, South Carolina. When the British captured the city during the Revolutionary War, the bells were taken back to England. In 1867 a new set was cast in England from the old moulds and installed in the Charleston church steeple, giving inspiration to the words: "Home again, home again, from a foreign land".

The Whittington Chimes were named for Richard Whittington, who began life in poverty, made a fortune in trading, became Lord Mayor of London, and later gave large sums to the poor.

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MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON

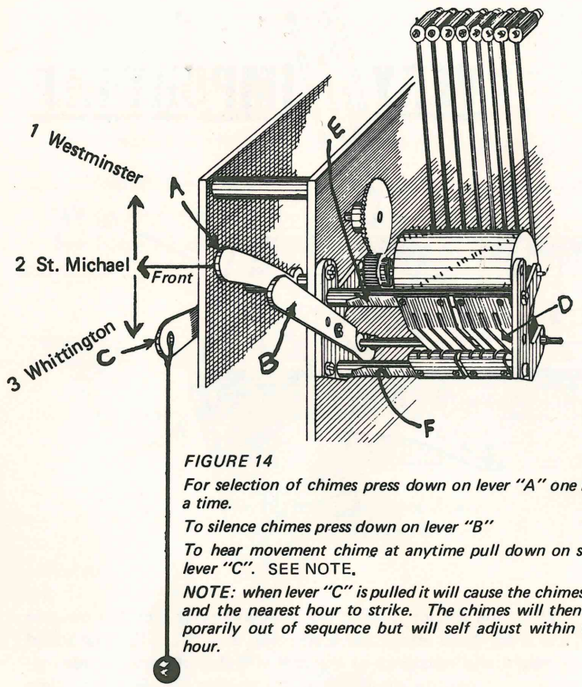


FIGURE 14

For selection of chimes press down on lever "A" one notch at a time.

To silence chimes press down on lever "B"

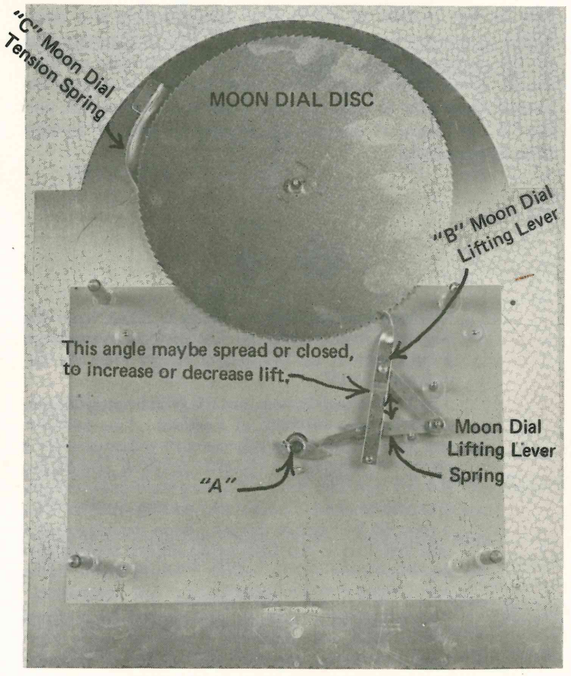
To hear movement chime at anytime pull down on string on lever "C". SEE NOTE.

NOTE: when lever "C" is pulled it will cause the chimes to play and the nearest hour to strike. The chimes will then be temporarily out of sequence but will self adjust within the next hour.

Excessively fast chiming of the Model 200M or 300M movement, may be due to lack of stress on the leaf springs at point D. While the chime levers were being bent to reach the chime rods excessive downward pushing of the leaf spring may have occured. To correct this condition, bend each spring leaf slightly upward, toward the chime lever base to increase tension.

Hammer tension may be changed uniformly against all hammer levers by turning post E up to increase pressure or down to decrease pressure against the rear of the lever bases. Hammer draw back distance may be uniformly increased by turning post F downward, thereby decreasing tension against the lever bases. Raising post F will shorten the hammer draw back. The desired draw back is one hammer length. Should the draw back be too great, more than one hammer will lift at a time and cause sluggish chimes or complete jam due to excessive drive demand. Always adjust tension with selector lever in middle position.

NOTE: Chime Selector Lever "A" will move more freely if a slight tension, toward the front of the movement, is exerted prior to moving it up or down. Manual release of chimes will not occur 5 to 7 minutes before each quarter if the chimes have been automatically "warned" or partially released internally.



TO SET THE MOON DIAL

To set the moon dial correctly, consult your Gregorian calendar, or your daily newspaper for the date of a full moon. Center of the moon (scenic picture division) is at 15 on the arch of the moving moon dial when the moon is full. The numerals on the arch indicate a lunar month which always has 29½ days and should not be confused with a calendar month. The moving moon dial, once set, will make one-half of a revolution every 29½ days, moving one notch of the calibrated moon dial disc every 12 hours.

EXAMPLE: Assuming the date is June 17, 1971, and that you wish to set the moon dial. Consulting a calendar reveals a full moon occured on June 9, 1971. With finger pressure on the moon dial turn the moon dial clockwise (to the right) until the moon is centered on number 15 of the arch. This indicates where the moon was on June 9, 1971. You have to pass that date by eight days (June 17th) so add the 8 days to the full moon by turning the moon dial an additional 8 days (16 clicks) to center the moon on number 23 of the arch. Now you have the moon dial indicating that the moon is waning in its 23rd day of its 29½ day cycle.

FIGURE 16

MOON DIAL ADJUSTMENTS

The moon dial is activated by the lifting action of the moon dial cam ("A") on the moon dial lifting lever ("B") which causes the moon dial disc to turn one notch. The moon dial tension spring ("C") holds the moon dial disc under constant pressure and prevents any backward motion.

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MOVEMENT MUST BE RETURNED IN ORIGINAL SHIPPING CARTON

IMPORTANT NOTICE

EMPEROR CLOCK has taken special care to see that your order was properly packed. It was delivered to the transportation company in perfect condition; the carrier receipted for it and agreed to deliver it in the same good condition. However, merchandise is sometimes damaged in shipment – if this should happen to you, please follow our instructions as listed below. Your co-operation will be appreciated.

DAMAGED MERCHANDISE

If your shipment has arrived with OBVIOUS OR CONCEALED damage, please take these two simple steps:

1. Fill out the CUSTOMER DAMAGE REPORT on bottom of this page, and mail it to us.
2. Ask the transporation company (who delivered your order) to furnish you with an INSPECTION REPORT, and send it to us as soon as possible.

IMPORTANT

OUR RESPONSIBILITY CEASES WHEN MERCHANDISE IS DELIVERED TO A COMMON CARRIER. ALL CLAIMS FOR DAMAGED MERCHANDISE SHOULD BE MADE AGAINST THE CARRIER. NO MERCHANDISE IS TO BE RETURNED WITHOUT WRITTEN AUTHORITY.

CUSTOMER DAMAGE REPORT

Fill out and mail to:
Claims Dept., Emperor Clock Co.
Fairhope, Alabama 36532

DATE _____

NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____

MODEL NO. _____ INVOICE NO. _____

DESCRIPTION (or Cat. No.) OF ITEM: _____

_____

DESCRIPTION OF DAMAGE (Please include details of **type** of damage, such as "broken, dented, chipped, split"—and **part** and **location** of damage, such as "left front leg"—specify right or left as you face the item): You may circle damaged area on the picture on page 12.

_____

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INSPECTION REPORT from Transportation Company: ☐ **ENCLOSED** ☐ **WILL FOLLOW**

PLEASE REMEMBER, DO NOT RETURN ANY MERCHANDISE UNTIL WE HAVE NOTIFIED YOU IN WRITING TO DO SO.