

ON 12-FOOT OF LONGER I-RAILS

NOTE: INSTALL

NOTE: On steel insulated doors,

a 24 gauge back panel is assumed

NOTE: FOR A 14-FOOT RAI

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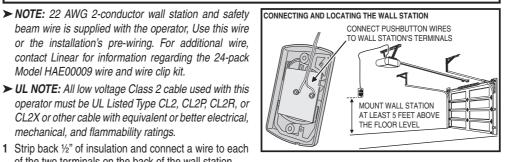
A WARNING A

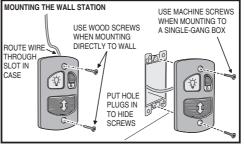
Children operating or playing with a garage door operator can injure themselves or others. The garage door could cause serious injury or death. Do not allow children to operate the remote control(s) or the wall station. Install the wall station out of reach of children and away from all moving parts of the door. The door must be clearly visible from the wall station. A moving garage door could injure someone under it. Only activate the door when it is properly adjusted, when it can be seen clearly and when there are no obstructions to the door travel.

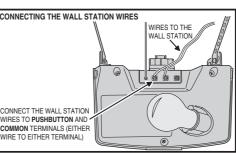
indicators) should be located on the "shady" side of

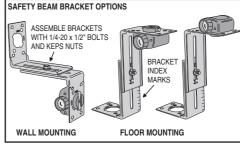
Mount the brackets with two 1/4" x 1-1/4" lag screws

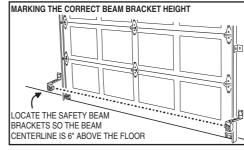
supplied). Staples must straddle both wires to prevent shorts. Secure the wire to the top of the rail with wire



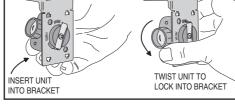




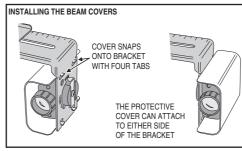


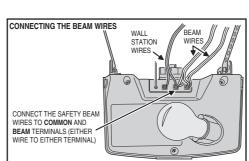


STALLING THE BEAMS



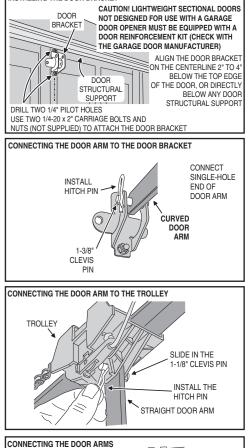
PRE-ADJUSTING THE BEAMS OTHER PRING CLIP LATCHES INTO DETENT MARKS TO HOLD UNIT'S POSITION

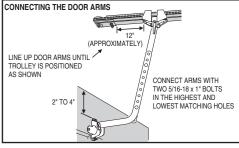




Install the Door Bracket and Door Arm

- 1 Fully close the door. Hold the door bracket against the INSTALLING THE DOOR BRACKET inside of the door's top panel. Align the top edge of the bracket 2" to 4" below the top edge of the door; or, if there is a structural support across the top of the door, place the top edge of the bracket directly below the support. Align the vertical centerline drawn on the door with the center of the bracket. See the figure for details. Mark the left and right holes of the bracket.
- 2 Drill ¼" holes at marks and insert two ¼-20 x 2" carriage bolts (not supplied) from outside of door through the door bracket.
- 3 Secure door bracket with two 1/4-20 keps nuts (not supplied). Tighten with a 7/16" socket.
- 4 Slide the 5/16" x 1-3/8" clevis pin through one hole on door bracket; then the single hole on the curved door arm; then through the other hole on the door bracket. Secure the clevis pin with the hitch pin.
- 5 Insert the single hole end of the straight door arm into the slot in the trolley. Slide the 1-1/8" clevis pin through the hole and secure it with a hitch pin.
- 6 Flip the trolley release lever to disconnect the trolley. 7 Rotate the curved door arm upward to meet the
- straight door arm connected to the trolley. Align the two door arms so that the holes in both arms overlap. ► NOTE: The straight door arm should be slightly angled
- toward the operator head. 8 Line up door arms until trolley is positioned as shown.
- Connect the arms together using two 5/16-18 x 1" bolts inserted in the highest and lowest matching holes, secure the bolts with two 5/16" keps nuts, tighten with a 1/2" socket.





10 Connect the Operator to Power Source

🔺 WARNING 🔺 To prevent electrocution or fire, installation and wiring must be in compliance with local electrical and building codes.

Cord and Outlet Connection

The operator should be connected to a grounded receptacle on the ceiling or near the operator head. If none is available which will accept the grounded operator plug, one should be installed by a qualified electrician. Do not use an extension cord.

- 1 Plug the operator into a grounded receptacle.
- 2 When the operator is plugged in, a click should sound in the operator and the lights should turn on. If the lights do not turn on, check the power source and light bulbs

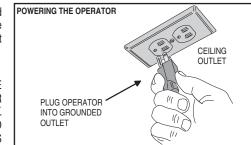
Permanent Wiring

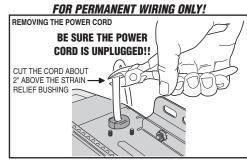
SOME LOCAL ELECTRICAL CODES REQUIRE PERMANENT WIRING BETWEEN THE OPERATOR AND THE POWER SOURCE THROUGH A CONDUIT.

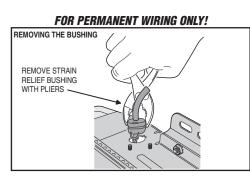
- bushing on the operator. 3 Remove the four side screws and bottom cover of
- operator
- discard the bushing. 5 Remove the outer insulation from the power cord and
- strip the white, black, and green wire insulation back about 1/2'
- 6 Pull white (neutral), black (hot) and green (ground) wires through conduit
- termination.
- 8 Use wire nuts (not supplied) to connect the wires to the matching color wires inside operator head.
- 9 Secure the wires away from all moving parts with a zip-tie as shown in the figure.
- **10** Replace the operator cover and the four side screws. 11 Connect the conduit wires to the power source at
- 12When power is applied to the operator, a click should sound and the lights should turn on. If the lights do not turn on, check the power source, wiring, and light bulbs.



operator has a grounding pin. This plug will only fit into a grounding type outlet. If the plug doesn't fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.







FOR PERMANENT WIRING ONLY! ARDWIRING THE OPERATO CONNECT CONDUIT WIRING TO OPERATO WIRING WITH VIRE NUTS **GREEN - GROUND** WHITE - NEUTRAL BLACK - HOT

IT IS RECOMMENDED THAT YOU HAVE A LICENSED ELECTRICAL CONTRACTOR FOLLOW THESE STEPS ONLY IF PERMANENT WIRING IS REQUIRED 1 BE SURE POWER CORD IS UNPLUGGED. 2 Cut the power cord about 2" above the strain relief

- 4 Use pliers to remove the strain relief bushing and

7 Connect the conduit to the operator with the appropriate

junction box

11 Aligning the Infrared Safety Beam

The safety beam has two components, a sender and a receiver. The sender produces a narrow infrared beam that travels across the bottom of the door opening to the infrared receiver. If an object blocks the infrared beam while the door is closing, the door will stop, then reverse and fully open (the operator's light will flash three times).

As a safety feature, the operator will ignore signals from all remote controls if the door is open and the infrared safety beam is blocked or out of alignment. In this case, the door can be forced closed by pressing and holding the wall station's up/down arrow pushbutton (be sure the door area is in clear view).

With the door closed, disengage the trolley from the chain during these alignment tests by pulling the red release handle.

Safety Beam Test

1 Check that the operator has power. The green lights on the sender and receiver should be lit.

2 If the receiver's green light is on, but the red light is off, the receiver has power but is not detecting the infrared beam from the sender. The red light might flash when the beam is partially detected. This can be caused by mis-alignment or something blocking the beam. Adjust the safety beam sender and receiver while watching the receiver's red light (stay out of the beam while aligning it). When the red light stays on, the beam is aligned.

SAFETY BEAM INDICATOR TABLE		
GREEN ON	POWER ON	
GREEN OFF	POWER OFF	
RED ON	BEAM OK - NO BLOCKAGE	
RED OFF	BEAM BLOCKED OR MIS-ALIGNED	
RED FLASHING	BEAM ALIGNED POORLY	

- ► NOTE: If the receiver's red light remains off, check for: 1) Dirt on the receiver's lens, 2) Sunlight shining into the receiver's lens, 3) A short in the safety beam wiring (from staples or at the operator terminals).
- 3 With the door closed and the operator disengaged from the door. press the wall station's UP/DOWN ARROW button to move the traveler (the part on the belt or chain that the trolley engages with) to the up position (away from the door).
- 4 Push the wall station's UP/DOWN ARROW button again. While the traveler is moving to the down position (toward the door), block the safety beam. THE TRAVELER MUST STOP, THEN REVERSE TO THE UP POSITION. The operator's lights should flash three
- 5 Place an object in the path of the safety beam. Check that constant pressure is required on the wall station's UP/DOWN ARROW button to cause the traveler to move toward the down position. Release the pushbutton before the operator stops; check that the traveler returns to the up position.
- **NOTE:** The garage door operator will not respond to a CLOSE command from a radio transmitter if the safety beam is blocked.
- 6 To reconnect the operator, flip the release lever up. Raise the door manually until the operator reconnects

12 Remote Controls

The operator is supplied with a three-button remote control (the second and third buttons can be used to control an additional operator or gate if it contains a Linear MegaCode™ receiver). Additional single and multi-button remote controls can be purchased. An unlimited number of remote controls can be used with this operator. The short wire on the back of the operator serves as an antenna for the remote controls. Do not cut off the short wire or the remote controls will not operate well.

🕰 WARNING 🕰

Children operating or playing with a garage door operator can injure themselves or others. The garage door could cause serious injury or death. Do not allow children to operate the remote control(s) or the wall station. A moving garage door could injure or kill someone under it. Activate the operator only when the door is clearly visible, free of obstructions and adjusted properly.

To Add a Remote Control

- 1 Press the operator's LEARN button. The red LEARN light will glow. The red light will stay on for about 15 seconds. A remote must be added while the red LEARN light is still on.
- 2 Send a signal from a remote. The red LEARN light and the operator's lights will flash once indicating that the operator has accepted the remote.

3 Repeat Steps 1 & 2 for any additional remote controls.

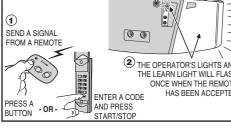
- **To Remove all Remote Controls** 1 Press and hold the operator's LEARN button for ten
- seconds or more. 2 Release the LEARN button. The red LEARN light will blink three times signaling that all of the remotes
- in the operator's memory were erased. The red LEARN light will turn off, then turn on for 15 seconds. A remote control can be entered during this time using Step 2 above. Testing
- 1 Before testing the remote control, straighten out the operator's short antenna wire so it points up.
- 2 Stand clear of the door, press the remote control's button and verify that the operator starts. PRESS THE REMOTE CONTROL'S BUTTON AGAIN TO STOP THE DOOR MID-TRAVEL.
- 3 Set the open and close limits as described in the next section before any further testing.

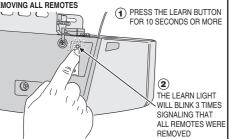
Replacing a Remote Control's Batteries

- When the red light on the remote glows dimly, or fails to light at all when the remote is activated, the batteries need replacing
- 1 Open the remote's case and remove the circuit board
- 2 Replace old batteries with two Type 2032 batteries.
- 3 Re-assemble the remote.

SAFETY BEAM INDICATORS REEN LIGHT I = POWER ON FF = POWER OFF RED LIGHT ED LIGHT ON = BEAM ALIGNED, NO OBSTRUCTION DFF = BEAM NOT ALIGNED, OR OBSTRUCTION BLINKING = BEAM NEEDS BETTER ALIGNMENT GREEN LIGHT ADJUSTING THE BEAM ADJUST THE SENDER AND RECEIVER UNTI THE RED INDICATOR LIGHTS SOLID CHECKING FOR REVERSA UP LOCK THE BEAM HILE THE TRAVELER TOWARD TRAVELER CHECKING FORCED CLOSURE FEATURE (PLACE AN OBJECT THE BEAM'S PATH RELEASE PUSHBUTTON BEFORE THE OPERATOR STOPS. THE TRAVELER SHOULD RETURN TO THE UP POSITION REPARING TO ADD A REMOTE 0000)

RESS THE LEARN LIGHT WILL GLOW FOR BUTTON 15 SECONDS, REMOTE MUST BE ENTERED WHILE LEARN LIGHT IS C ADDING A REMOTE) IPD)

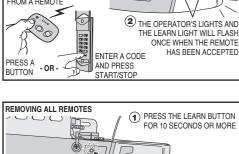


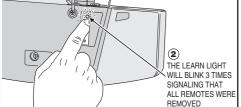


INSERT TWO NEW

TYPE 2032 BATTERIES PLUS SIDE UP THEN

'C





REPLACING A REMOTE'S BATTE

ERIES AND OSE OF THEM PROPERLY

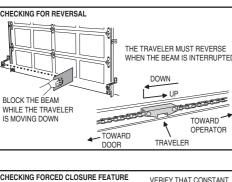
A WARNING A

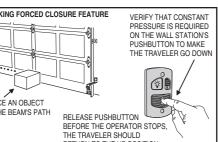
Serious injury or death from a closing garage

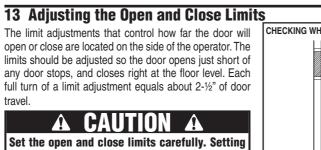
door may result because of failure to test and

adjust the safety reverse system. Repeat this

test monthly and adjust as needed.







the limits beyond the distance that the door can travel could cause damage to the door, the door hardware, or operator,

- Activate the remote control. Wait while the door moves to the open position and stops.
- 2 Examine the position of the door.
- If the door needs to open more, turn the OPEN LIMIT adjustment clockwise 1/4-turn (towards UP on the label) to raise the open limit
- . If the door needs to open less, turn the OPEN LIMIT adjustment counterclockwise ¼-turn (towards DOWN on the label) to lower the open limit
- 3 Activate the remote control. Wait for the door to move down a few feet, then activate the remote control again to stop the door.
- 4 Repeat Steps 1-3 until the open limit is properly adjusted.
- 5 Activate the remote control. Wait while the door moves to the closed position and stops.
- 6 Examine the position of the door.
- . If the door needs to close more, turn the CLOSE LIMIT adjustment counterclockwise 1/4-turn (towards DOWN on the label) to lower the close limit

• If the door needs to close *less*, turn the CLOSE LIMIT adjustment clockwise ¼-turn (towards UP on the label) to raise the close limit

- Activate the remote control. Wait for the door to move up a few feet, then activate the remote control again to stop the door.
- 8 Repeat Steps 5-7 until the close limit is properly adjusted. **NOTE:** If the door stops during opening or reverses during closing before reaching the limits, the door force adjustment needs to be set. Change the adjustment as described in the next section then return to this section to finish setting the limits.

14 Testing & Adjusting the Door Force Safety System The door force adjustments are located on the side of the SETTING THE DOOR FORCE operator. The door force adjustments must be properly set at all times. The CLOSE FORCE adjustment controls how much force is required to cause the door to



Too much door force will interfere with the proper operation of the safety system. SOMEONE COULD BE SERIOUSLY INJURED OR KILLED IF THE DOOR FORCE IS SET TOO HIGH. A closing door might not reverse properly when required and someone could be pinned under it. An opening door might not stop when going up and someon nanging on the door could get pinned between the door and the header. Do not increase the door force beyond what is required to move the door. DO NOT USE THE DOOR FORCE ADJUSTMENT TO COMPENSATE FOR A BINDING OR STICKING GARAGE DOOR. PERFORM THE SAFETY REVERSAL SYSTEM TEST (STEPS 4-6) MONTHLY!

► NOTE: Read the following directions carefully before setting the door force adjustments

WARNING A

Always perform the Door Force Safety System Test after making any adjustments to the operator.

Door Force Safety System Test

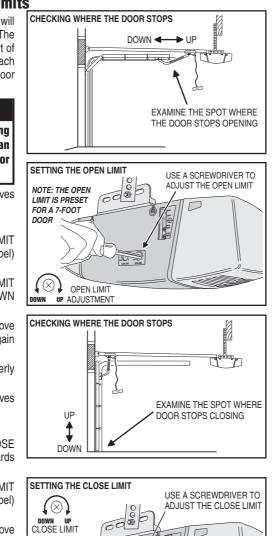
- 1 Start with the door open. Use the remote control to cycle the door during these tests.
- Adjusting the Close Force
- 2 Turn the CLOSE FORCE adjustment 1/8-turn at a time in the DECREASE direction (counterclockwise) until the door stops and reverses mid travel while going down.
- 3 Turn the CLOSE FORCE adjustment 1/8-turn at a time in the INCREASE direction (clockwise) until the door fully closes without reversing

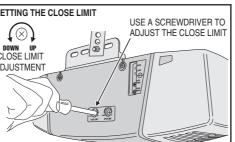
Safety Reversal System Test

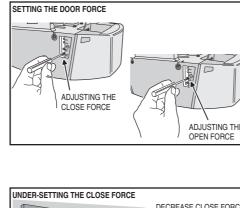
- 4 Lay a 2 x 4 board flat on the floor where it will be struck by the center of the door as it closes
- 5 Verify that the door reverses when it strikes the board. The door must reverse within two seconds after striking the board.
- > NOTE: If the door stops after encountering the board and does not reverse, the CLOSE FORCE needs to be DECREASED.
- 6 Repeat the Safety Reversal System Test until the door reverses within two seconds of striking the board.

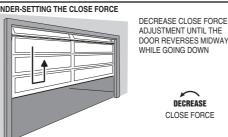
Adjusting the Open Force

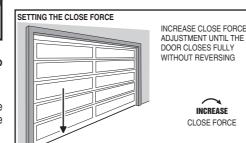
- 7 Turn the OPEN FORCE adjustment 1/8-turn at a time in the DECREASE direction (counterclockwise) until the door stops mid travel while going up.
- 8 Turn the OPEN FORCE adjustment 1/8-turn at a time in the INCREASE direction (clockwise) until the door
- fully opens without stopping.

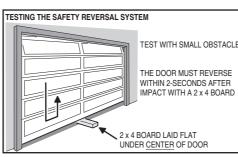












NDER-SETTING THE OPEN FORCE SETTING THE OPEN FORCE OPEN FORC OPEN FOR INCREASE OPEN FORCE ADJUSTMENT UNTIL THE ECREASE OPEN FORCE ADJUSTMENT UNTIL THE DOOR STOPS MIDWAY DOOR OPENS FULLY WHILE GOING UP ITHOUT STOPPIN

15 Using the Garage Door Operator

- AWAY FROM CHILDREN

- causing injury or death.

Opening the Door

1 With the door in view, press the wall station's UP/ DOWN ARROW button or the button assigned to the code and press START/STOP on a remote keypad.

- 2 When the operator is activated, the operator's lights will turn on and the door will begin to open.
- an obstacle is encountered (operator's lights flash four times) while the door is opening, the door will stop.
- 4 The operator's lights will stay on for about five minutes after the door stops

Closing the Door

code and press START/STOP on a remote keypad.

stop, then re-open.

after the door stops.

IMPORTANT USER SAFETY INSTRUCTIONS A WARNING A

A MOVING GARAGE DOOR CAN CAUSE INJURY OR DEATH! TO REDUCE THE RISK OF DEATH OR SEVERE INJURY:

READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.

NEVER LET CHILDREN OPERATE, OR PLAY WITH DOOR CONTROLS! KEEP REMOTE CONTROL

Always keep moving door in sight and away from people and objects until it is completely closed. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR. NEVER GO UNDER A STOPPED, PARTIALLY OPEN DOOR.

Test door operator monthly. The garage door MUST reverse on contact with a 1-1/2 inch object (or a 2x4 board laid flat at the center of the door) on the floor. If adjusting either the force or the limit of travel

re-test the door operator. Failure to adjust the operator properly may cause severe injury or death. If possible, use the red emergency release handle only when the door is closed. Use caution when using this release with the door open. Weak or broken springs may cause the door to fall rapidly,

KEEP GARAGE DOORS PROPERLY BALANCED. (See Garage Door Operator Maintenance) An improperly balanced door could cause severe injury or death. Have a qualified service person make repairs to cables, spring assembly and other hardware.

SAVE THESE INSTRUCTIONS.

operator on the remote control, or enter a valid access

3 The door will open until the open limit is reached. If

1 With the door in view, press the wall station's UP/ DOWN ARROW button or the button assigned to the operator on the remote control, or enter a valid access 2 When the operator is activated, the operator's lights will turn on and the door will begin to close.

3 The door will close until the close limit is reached. If an obstacle is encountered (operator's lights flash four times), or the safety beam is interrupted (operator's lights flash three times) during closing, the door will

4 The operator's lights will stay on for about five minutes

Stopping the Door Mid-travel

1 The door can be stopped immediately at any time by pressing the wall station's UP/DOWN ARROW button, the remote control's pushbutton, or press the START/STOP button on a remote keypad. 2 The next time the operator is activated, the door will move in the opposite direction.

Vacation Lock for Additional Security

I Slide the wall station's LOCK switch to the locked position to prevent remote controls from opening the door after the door is completely closed. The remotes can close the door, but not open it. The door can still be opened or closed by using the wall station's UP/ DOWN ARROW pushbutton.

NOTE: To signal that the vacation switch is locked, the operator's lights will flash five times if a remote is activated in an attempt to open the door.

2 Slide the wall station's LOCK switch to the unlocked position to return the operator to normal operation.

Controlling the Operator's Lights

cycled.

manually

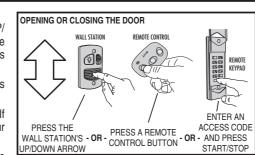
reconnects

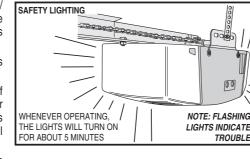
1 The operator's lights can be lit by pushing the wall station's LIGHT button. The lights will remain on until the LIGHT button is pressed again or the operator is

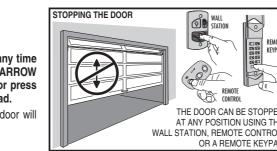
2 If the operator's lights are on, pushing the wall station's LIGHT button will turn the operator's lights off.

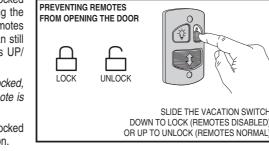
Disconnecting the Door from the Operator 1 With the door in any position (preferably closed) carefully pull the red release handle. USE CAUTION IF THE DOOR IS OPEN. THE DOOR MAY DROP. 2 The disconnected door can be opened or closed

3 To re-connect the operator, flip the release lever up. Raise or lower the door manually until the operator

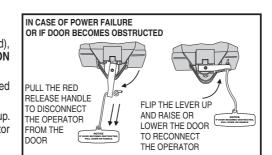












16 Garage Door Operator Maintenance

Weather conditions may affect the door operation which could require some re-setting of the operator's adjustments. Doors may swell and become heavier during wet periods, door hinges and rollers might bind during cold periods. To insure safe operation of the door, perform the following tests, including any additional test steps described. **Every Month**

- 1 With the door closed, pull the red release handle to disconnect the operator from the door.
- 2 From outside the garage, slowly open the door manually all the way, and then close it all the way. Notice if there is any binding, sticking or rubbing. The door should move smoothly in both directions
- 3 Raise the garage door about halfway up. Carefully release the door and see if the door balances. It should stay in place. Close the door.
- ► NOTE: If the garage door is unbalanced or the door travel isn't smooth, have a qualified garage door professional adjust or repair the door.
- 4 To reconnect the operator, flip the release lever up. Raise the door manually until the operator reconnects
- 5 Perform the Safety Beam Test (Section 11).
- 6 Perform the Safety Reversal System Test as described in Steps 4-6 in Section 14.

After Servicing the Operator

- 1 Perform the Safety Beam Test (Section 11).
- 2 Perform the Open and Close Limit Adjustments (Section 13) 3 Perform the entire Door Force Safety System Test

(Section 14)

Every 6 Months Check the belt or chain tension.

- · For belt-drive rails, examine the length of the tension spring in the traveler. It should be about 1" long. For chain-drive rails, examine the spacing between
- the turnbuckle and the rail. The turnbuckle should be slightly above the rail.
- ► NOTE: Too much or too little chain tension will cause excessive sprocket noise.

Chain Adjustment

- If necessary, use the following steps to adjust the chain. 1 Hold the turnbuckle with a flat blade screwdriver and
- loosen the two locknuts with a 7/16" end wrench. 2 Twist the turnbuckle to adjust the chain tension. Adjust
- the chain until the turnbuckle is sightly above the rail. 3 Hold the turnbuckle with a flat blade screwdriver and
- tighten the two locknuts with a 7/16" end wrench. **Belt Adjustment**

The tension spring in the traveler keeps the belt taut. The factory setting for the tension spring length is .9" long. If 1", adjust the belt. ustment wheel is visible

- to turn the adjustment n spring until its length is

rication needs. Lubricate door hinges, rollers and bearings according to door manufacturer's recommended procedures.

17 Troubleshooting

	•		
LAMPS FLASH TROUBLE CODE	PROBLEM	CAUSE	REMEDY
1 FLASH	No problem	Remote control entered into memory	Add any additional remote controls (MegaCode™ type only)
2 FLASHES	Door won't close	Shorted wall station wires	Check wall station wires. Be sure both are connected to the terminal screws. Check for a staple in the wall station wires. Remove any staples compressing the wire.
3 FLASHES	Door won't close	Safety beam obstacle	Check for obstacles. Align the safety beam (Section 11)
4 FLASHES	Door reverses or won't open or close	Open or Close force exceeded, or motor thermal shutdown	Check for binding or un-balanced door. Adjust the door force (Section 14). If motor had thermal shutdown, wait 30 minutes and retry.
5 FLASHES	Door won't open from transmitter	Remote was activated while vacation switch was locked	Unlock vacation switch on wall station
6 FLASHES	Motor ran longer than 30 seconds	Mechanical or electronic failure	Call Technical Services Group for assistance

FCC NOTICE

Changes or modifications not expressly described in this manual or approved by the manufacturer could void the user's authority to operate

the equipment This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

LIMITED WARRANTY

This Linear product is warranted to the original consumer against defects in material and workmanship for:						
MODEL	ELECTRONICS	MECHANICAL	MOTOR	BELT		
LC075	1 year	5 years	Lifetime	Lifetime		

This product is warranted to the original consumer against defects in material and workmanship for the periods mentioned above. Linear will repair, or at its option, replace, any device that it finds requires service under this warranty, and will return the repaired or replaced device to the consumer at Linear's cost. Devices must be sent to Linear for service at owner's expense. This warranty does not apply to damage to the product from negligence, abuse, abnormal usage, misuse, accidents, normal wear or tear or due to failure to follow Seller's instructions, or arising from improper installation, storage or maintenance. In no event will Linear be responsible for incidental, compensatory, punitive, consequential, indirect, special or other damages. The remedies provided by this warranty are exclusive. Some states do not allow the exclusion or limitation of incidental and consequential damages, so the above limitation or exclusion may not apply to you. Any warranties implied by law are limited to the time periods set forth above. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For warranty service and shipping instructions contact Linear at the phone number shown below. In order to be protected by this warranty, save your proof of purchase and send a copy with equipment should repair be required. All products returned for warranty service require a Return Product Authorization Number (RPA#). Contact Linear Technical Services at 1-800-421-1587 for an RPA# and other important details.

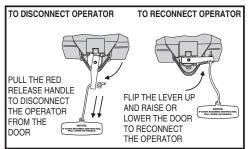
228432 A

Garage door hardware (springs, cables,

brackets, pulleys, etc.) are under extreme pressure and tension. DO NOT ATTEMPT TO LOOSEN. TIGHTEN OR ADJUST ANY DOOR HARDWARE. CALL A QUALIFIED GARAGE DOOR **INSTALLATION PROFESSIONAL!**

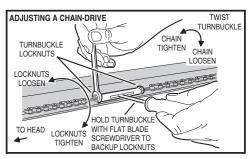
A WARNING A

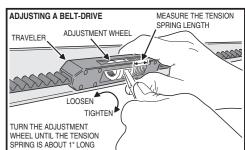
The garage door operator must not be installed and used on an unbalanced door. The operator's internal door force sensor will not function properly on an unbalanced door. Risk of serious injury or death may result.

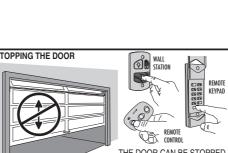


A WARNING

Always perform the entire Door Force Safety System Test (see Section 14) after making any adjustments to the operator.







THE DOOR CAN BE STOPPED AT ANY POSITION USING TH

WALL STATION, REMOTE CONTROL

LIGHTS INDICATE TROUBLE	the tension spring is longer than 1 Hold the traveler so the adju through the large slot.
	2 Use a flat blade screwdriver wheel to compress the tension between .9" and 1" long.
	Every Year
	Check the door hardware for lubr

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