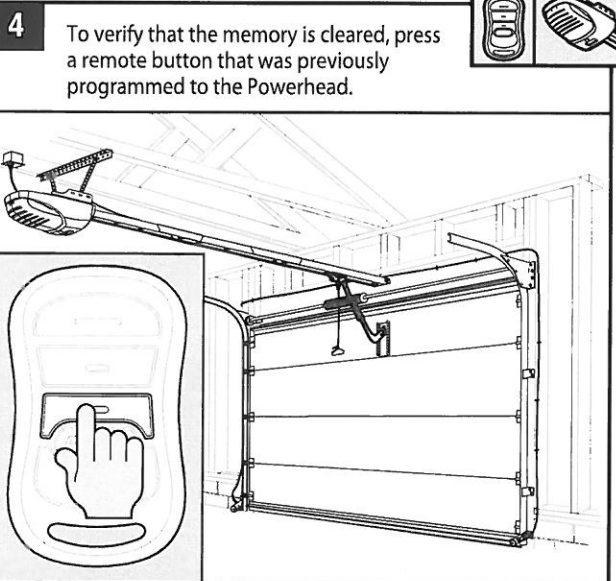
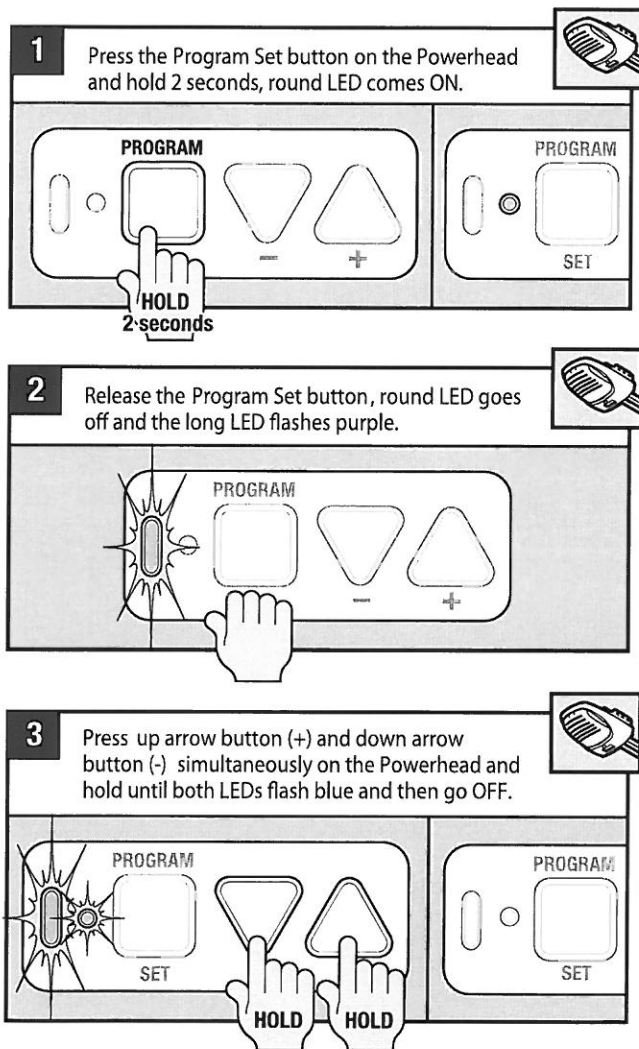


4

Optional Programming

CLEARING MEMORY FOR REMOTES



If the memory has been cleared, the Remote will not activate the door opener.

NOTE: The garage door opener will operate normally using the Wall Console.

NOTE: When the remote is pressed the round LED will flash blue but will not activate the door opener.

NOTE: Clearing Remotes from the Powerhead memory will clear ALL programmed Remotes and wireless Keypads. Your opener will no longer recognize any signal received from a missing Remote.

All remaining (or recovered) Remotes and wireless Keypads MUST BE reprogrammed as shown on pages 10 and 12.

FCC and IC CERTIFIED

This device complies with FCC Part 15 and Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. 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 situation. If this equipment does cause harmful interference to radio or television reception, which may be determined by turning the equipment OFF and ON, the user is encouraged to try and correct the interference by one or more of the following measures: (a) Re-orient or relocate the receiver antenna, (b) Increase the separation between the opener and receiver, (c) Connect the opener into an outlet on a circuit different from that to which the receiver is connected, and (d) Consult your local dealer. Any modification or changes to this equipment which are not expressly approved by the manufacture could void the user's authority to operate the equipment.

(continued next page)

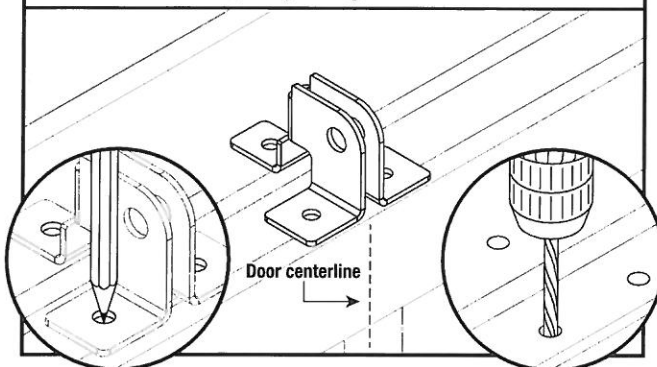
5

One-Piece Doors

ATTACHING DOOR BRACKET TO DOOR

1

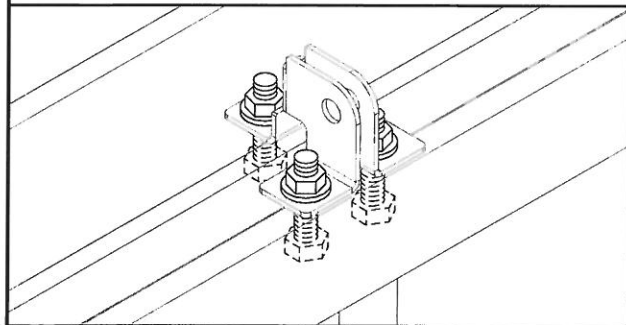
Using bracket, mark holes on door or frame and drill 5/32" hole completely through door frame.



NOTE: Center bracket on door as high as possible, preferably top edge.

2

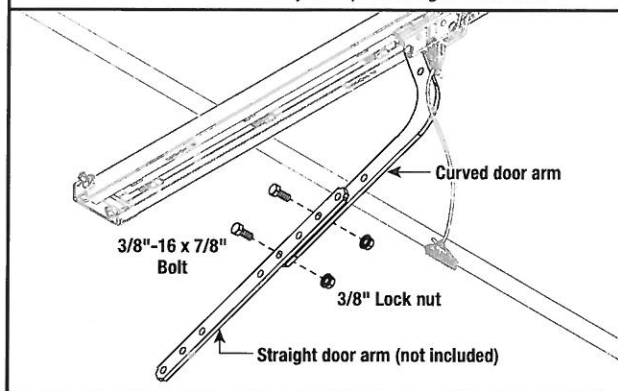
Secure bracket with 5/16" x 2" or 5/16" x 4-1/2" carriage bolts and nuts or drill 1/8" pilot holes and secure with 1-1/2" to 2" lag bolts. (Bolts, nuts, and screws not furnished.)



ATTACHING DOOR ARM TO DOOR BRACKET

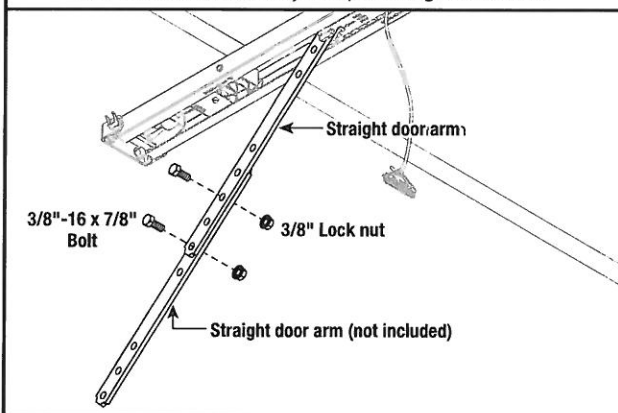
1a

Screw drive models:
One-Piece Doors will only accept a straight door arm.



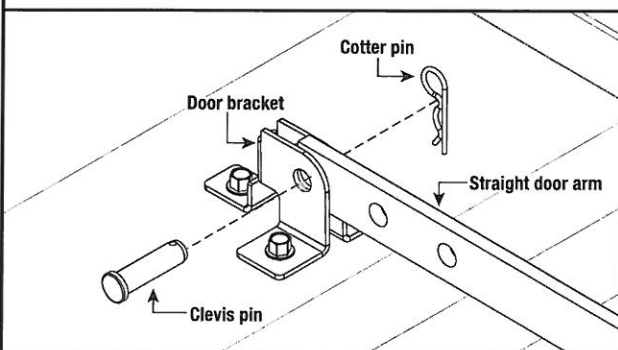
1b

Chain/belt drive models:
One-Piece Doors will only accept a straight door arm.



2

Secure door arm to the door bracket and with clevis pin and cotter pin.



6

Maintenance and Adjustments

If you have any questions, please do not hesitate to contact customer service at: **1-800-35-GENIE** or visit www.geniecompany.com

IMPORTANT SAFETY INSTRUCTIONS

WARNING

TO REDUCE THE RISK OF SEVERE INJURY OR DEATH, READ AND FOLLOW ALL INSTRUCTIONS.

1. **NEVER** let children operate or play with the door controls.
2. Keep remote away from children.
3. **ALWAYS** keep the moving door in sight and away from people and objects until door is completely closed. **NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.**
4. **NEVER** GO UNDER A STOPPED, PARTIALLY OPEN DOOR.
5. Test opener monthly. The door **MUST** reverse on contact with a 1-1/2" high object (or a 2" x 4" board laid flat) at the center of doorway on the floor. After adjusting either the force or limit of travel, retest door opener. Failure to adjust the opener properly may cause severe injury or death.
6. When possible, use emergency release only when door is closed. Use caution when using this release with the door open. Weak or broken springs are capable of increasing the rate of door closure and increasing the risk of severe injury or death.
7. **KEEP DOORS PROPERLY BALANCED.** See your garage door Owner's Manual. An improperly balanced door increases the risk of severe injury or death. Have a trained door system technician make repairs to cables, spring assemblies, and other hardware.

SAVE THESE INSTRUCTIONS

WARNING

- Garage door hardware (springs, cables, brackets, pulleys, etc.) are under extreme pressure and tension.
- **DO NOT** attempt to repair or adjust door springs or any hardware, and **DO NOT OPERATE** garage door automatically or manually if door is improperly balance or springs are broken.
- **CONTACT A TRAINED DOOR SYSTEM TECHNICIAN.**

REGULAR MAINTENANCE

Basic monthly maintenance tasks include:

- Contact Reverse
- Safe-T-Beam® System Check
- Door balance
- Lubricate door hardware

A. Contact Reverse Test

See page 9.

WARNING

Use of any other wall control can cause unexpected operation of the door and loss of lighting feature. Locate wall console within sight of door and far enough from door to prevent contacting it while operating the console. Control must be at least 5 feet above floor to prevent small children from operating it.

B. Safe-T-Beam® (STB) System Check

Check that both the RED and GREEN LEDs are ON steady. This indicates the system is working properly. If both LEDs are not ON steady, check the appropriate items below:

- STB red LED flashes.
 - Check for obstruction.
 - Check alignment.
 - Verify wire routing from STBs to STB connection in powerhead
 - Check for signal interference from another Safe-T-Beam® unit (for multiple door installations).
- No STB red or green LED displayed.
 - Check wiring and wire connections.

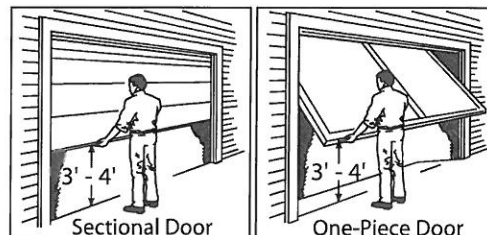
If the system appears to be working properly, perform the check as follows:

1. Start the door closing.
2. Pass an object through the beam. The door should stop and reverse to the fully open position.

C. Door Balance (Spring Tension)

Perform the check as follows:

- With the door closed, pull manual emergency release handle **DOWN** and let go to release door carriage assembly from drive system.
- Raise and lower the door manually—it should move freely and smoothly.
- Raise door manually about 3' to 4' feet and let go.



- Door should remain stationary or move very slowly.
 - If door moves quickly, **CONTACT A TRAINED DOOR SYSTEM TECHNICIAN** to have your door springs serviced.
- Close the door.

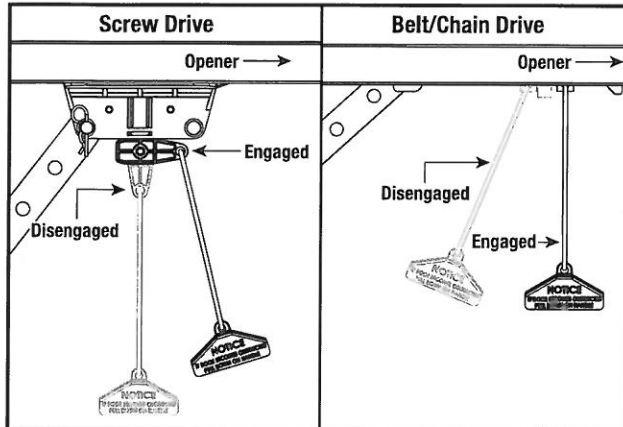
(continued next page)

6

Maintenance and Adjustments

REGULAR MAINTENANCE (continued)

- Screw drive models: Verify shuttle release lever is in ENGAGED (UP) position (pull release handle toward opener and let go)
- Chain/belt drive models: Verify bullet is engaged to carriage. Pull/release cord down and back towards opener and let go.



- Operate door using a remote or wall console.
- Door will re-attach itself to carriage assembly.

CORRECTIVE MAINTENANCE

Changing Light Bulbs



WARNING

- Use extreme caution when working from a ladder or step stool.
- When replacing light cover, make sure wires are not pinched or near moving parts.

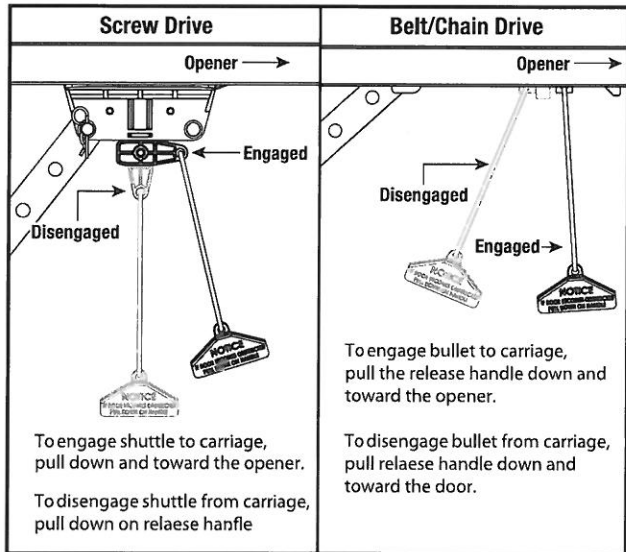
- Disconnect power to door opener.
 - Open powerhead light cover.
 - Remove light bulb(s).
 - Replace light bulb(s).
 - DO NOT** use light bulbs with greater than 100 Watt rating, PowerLift 900, GPower™ 900 require light bulbs of no more than 60 watts. Compact CFL's may also be used.
 - Close powerhead light cover.
- Reconnect power to door opener.
 - Test light operation.

Reset Open/Close Travel Limit

Performing all Limits/Force setting steps (see pages 6-9) erases previous Limits/Force settings.

NOTE: The opener will not close the door automatically unless the Safe-T-Beam® System is installed and Limits are programmed.

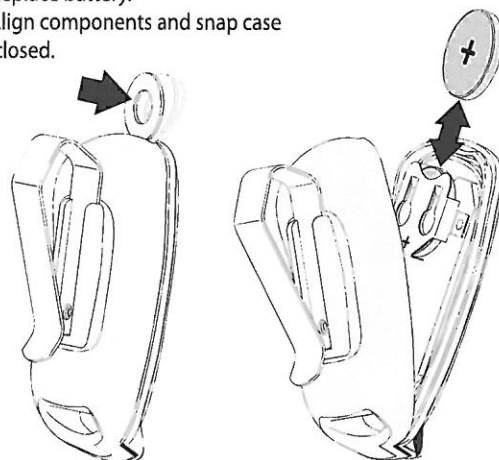
Disengaging and Engaging Carriage/Bullet



Remote Battery Replacement

Replace remote battery with a CR 2032 coin cell battery.

- Open remote case using a washer or coin that fits into the slot at top of remote.
- Replace battery.
- Align components and snap case closed.



(continued next page)

6

Maintenance and Adjustments

ADJUSTMENT GUIDES

CAUTION

Door closing force is FACTORY set and requires no adjustment for normal operation.

- **NEVER** adjust the force settings to compensate for damage, including an unbalanced door, binding door track, or broken spring.
- Perform monthly a CONTACT REVERSE TEST. See page 9.


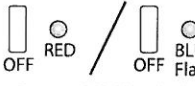






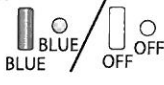
Force Settings

Force settings are pre programmed at the factory and "learned" during the Open/Close Limit settings steps (see page 9). For normal use, these settings should not need adjustment with this unit.










However, conditions possibly requiring adjustment are:

1. Doors with very stiff weather seals.
2. Doors that start down, STOP, and reverse before closing.
3. Doors that start up, but STOP before they completely open.

Force Adjustment

Action	LED Indication/Result
1 Press and hold both up and down buttons  2 seconds or until round LED turns RED.	 OFF RED / OFF BLUE Flashes 3 Times The Current UP FORCE SETTING will display. SEE CHART IN NEXT COLUMN.
2 Press either until you reach desired setting. 	USE CHART IN NEXT COLUMN
3 Press and release. 	LOCKS IN SETTING. Then the New DOWN FORCE SETTING will display.  BLUE OFF Flashing
4 Press either until you reach the desired setting. 	USE CHART IN NEXT COLUMN  BLUE BLUE
5 Press and release. 	LOCKS IN SETTING. Both LEDs turn BLUE then OFF confirms both FORCE Settings are reset.  BLUE OFF / BLUE OFF
FORCE SETTINGS DONE	

LED indicator colors:  OFF  Blue  Purple  Red

Force Level	Powerhead LEDs	
	LONG LED	ROUND LED
Force Level 1	Off	 BLUE
Force Level 2	BLUE	 Off
Force Level 3	BLUE	 BLUE
Force Level 4	Off	 PURPLE
Force Level 5	PURPLE	 Off
Force Level 6	PURPLE	 PURPLE
Force Level 7	Off	 RED
Force Level 8	RED	 Off
Force Level 9	RED	 RED

(continued next page)

6

Maintenance and Adjustments

ADJUSTMENT GUIDES (continued)

Speed Settings (DC motors only)



















Speed settings are pre-programmed at the factory for the maximum speed. Speed settings should not need adjustment with this unit.

However, travel speed for the opener can be adjusted to a slower speed in both the Open and Close directions, to minimize wear on heavier sectional doors.

NOTE: One-piece doors are automatically set to the slowest speed during Limits programming and cannot be adjusted.

There are 3-speed settings available for sectional doors. Please note that speed may be affected by door weight and balance, along with condition of door components and tracks.

Speed Adjustment

Action	LED Indication/Result
1 Press and hold for about 10 seconds or until both LEDs turn BLUE. Then release. 	 
2 Press twice. 	 
3 Press and release. 	 Flashes BLUE 3 Times Then the Current Speed setting for OPENING travel will display. SEE CHART IN NEXT COLUMN.
4 Press either until you reach the desired setting.  	NOTE: Depending on the criteria mentioned above, you may not have the option to increase speed.
5 Press and release. 	LOCKS IN OPENING SETTING. Flashes BLUE 3 Times   Then the Current Speed setting for CLOSING travel will display. SEE CHART IN NEXT COLUMN.
6 Press either until you reach the desired setting.  	NOTE: Depending on the criteria mentioned above, you may not have the option to increase speed.
7 Press and release. 	LOCKS IN CLOSING SETTING.  
SPEED SETTINGS DONE	

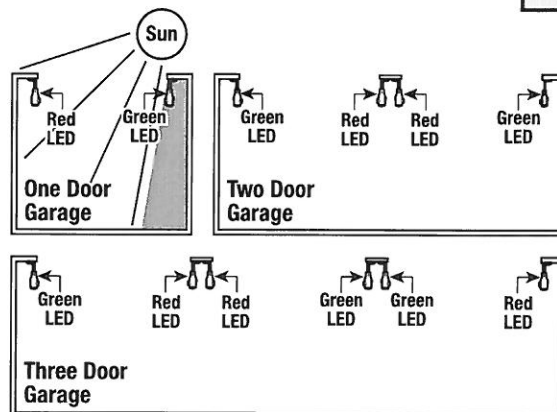
LED indicator colors:  OFF  Blue  Purple  Red

Speed Level	Powerhead LEDs	
	LONG LED	ROUND LED
High	RED	RED
Medium	PURPLE	PURPLE
Low	BLUE	BLUE

NOTE: PowerLift® 900, GPower™ 900 openers **DO NOT** have speed adjustments.

LOCATING SAFE-T-BEAM PAIRS:

Source (Red LED) and Sensor (Green LED)



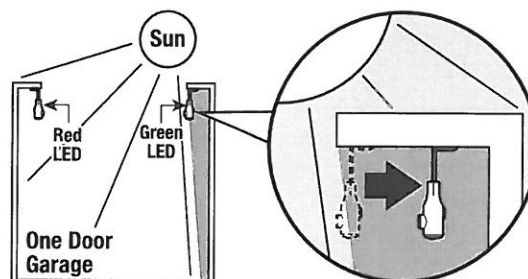
Single Garage Door

- Determine which side of the garage receives direct sunlight.
- Position the Source (Red LED) on the direct sunlight side.

Multiple Garage Doors

- NEVER position Safe-T-Beam® modules where signals will cross.
- Place the Source (Red LED) Safe-T-Beam® on adjacent doors facing in opposite directions.

NOTE: Direct sunlight creates interference with Safe-T-Beam® Sensor (Green LED). Sensor modules CAN be positioned further away from door opening if necessary to avoid sunlight but no further off the wall to maintain alignment with paired Source module.



7

Wiring Diagram

Opener circuit wiring diagram. This wiring diagram is for reference only.

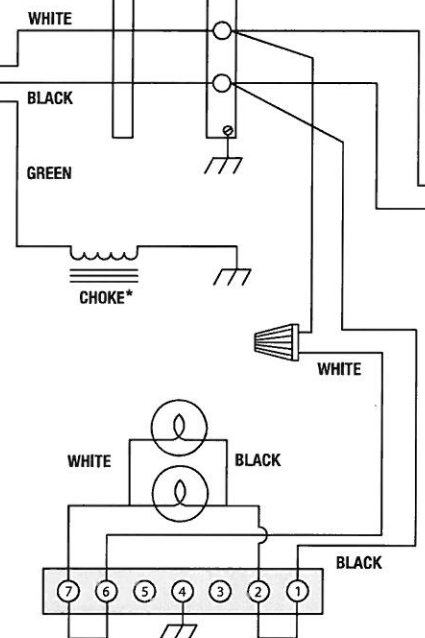
WARNING

OPENING COVER MAY CAUSE ELECTRIC SHOCK.

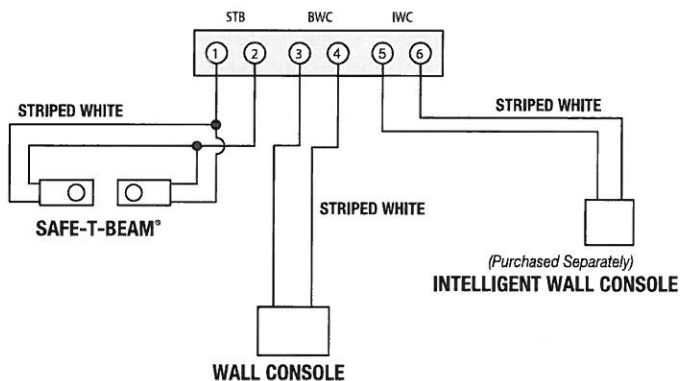
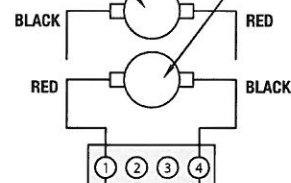
Disconnect power from opener prior to removing cover.

POWER CORD

CONNECTOR PRINTED CIRCUIT BOARD



CHAIN MOTOR SCREW DRIVE MOTOR

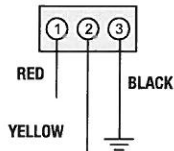


WARNING

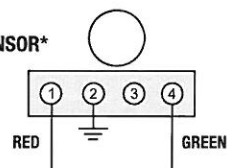


ELECTRICAL SHOCK.

MOTION DETECTOR*



OPTICAL SENSOR*



*SOME MODELS DO NOT COME WITH THIS FEATURE

8

Troubleshooting

OPERATION



Need help or have questions? DO NOT RETURN to the store. Call us: 800-354-3643

PROBLEM	WHAT TO DO
Opener does NOT run from wall console.	<ul style="list-style-type: none"> • Check power source. <ul style="list-style-type: none"> – Plug a lamp into outlet used for powerhead. If lamp works, power source is OK. – If not, check fuse or circuit breaker. • If power is OK, <ul style="list-style-type: none"> – Check connections at powerhead terminals and at wall console. – Limits must be set with door arm connected to door. • Check if wall console Sure-Lock™ is ON. Turn Sure-Lock™ OFF and check operation. • Check for reversed, broken or cut wires. Staples can cut insulation and short wires. Repair or replace.
Opener runs, but door does not move. Opener works from wall console, but NOT from remote.	<ul style="list-style-type: none"> • Make certain carriage is engaged into chain/belt pulley or screw drive shuttle. See page 6. Refer to Installation poster or download poster from www.geniecompany.com • Check to make sure chain/belt is not broken or OFF its pulley. • Check all remotes. • Replace remote battery with good one. See page 16. • Program remote to powerhead. See pages 10-11.
Remote has less than 25 feet operating range or no operation.	<ul style="list-style-type: none"> • Relocate remote inside car and/or point remote at garage door. • Replace battery. See page 16. • Reposition door opener antenna. • Remote LED does not come ON with button push – replace battery. See page 16. • Eliminate possible competing signals (satellite radio, FiOS® TV).
Door starts down, then STOPS and goes back up. OR Safe-T-Beam® System malfunction.	<ul style="list-style-type: none"> • If a NEW installation, check Door Arm position. Refer to Installation poster or download poster from www.geniecompany.com • Check if limits are properly set. See pages 6-7. • Check if Safe-T-Beam® Red LED is flashing. • Check Safe-T-Beam® system for beam obstruction or misalignment of lenses. • Check garage door for binding. • If an operational problem exists, and opener will not close, the opener can be forced to close as follows: Press and hold the wall console button until door is completely closed. • Check for interference from adjacent Safe-T-Beam® units. • Contact The Genie Company at 1-800-35GENIE.
Door starts down, then STOPS before it is closed. OR Door will only open.	<ul style="list-style-type: none"> • Check Safe-T-Beam® wire connections at powerhead and at STBs. See page 8, STB instruction, poster or website • Check if limits are properly set. See pages 6-7. • Check CONTACT REVERSE. See page 9. • Check garage door for binding. • Check closing "FORCE" adjustment. See page 9.
Door starts up, but STOPS before it is completely open.	<ul style="list-style-type: none"> • Check if limits are properly set. See pages 6-7. • Be sure door, opener, and springs are in good repair, properly lubricated and balanced. • Check closing "FORCE" adjustment. See page 9. • ▲ WARNING: If you suspect a problem with the garage door hardware or springs, contact The Genie Company at 1-800-35GENIE.
Door will only run closed.	<ul style="list-style-type: none"> • Check if limits are properly set. See pages 6-7. • Check Sure-Lock™. Sure-Lock™ should be OFF for normal operation. See page 8. • Check door balance, condition, and door spring. • Check opening "FORCE" adjustment. See page 9. • ▲ WARNING: If you suspect a problem with the garage door hardware or springs, contact The Genie Company at 1-800-35GENIE.
Door opener starts for no reason.	<ul style="list-style-type: none"> • Button stuck on wall console or remote. • Was remote lost or stolen? Erase all remotes from powerhead memory and program new remotes. See page 13.

8

Troubleshooting

OPERATION (continued)

PROBLEM	WHAT TO DO
Noisy operation.	<ul style="list-style-type: none"> • Be sure all door fasteners are tight. • Be sure garage door is in good repair, properly lubricated and balanced. • Be sure opener is in good repair.
Door opener runs slow.	<ul style="list-style-type: none"> • Check operating condition of door. Door may need professional repair/adjustment. • Is this opener installed on a one-piece door? Normal speed for one-piece door is lowest speed setting. • If carriage travel is less than 6-feet, opener configures programming for a one-piece door. • Contact The Genie Company at 1-800-35GENIE concerning door speed.

POWERHEAD LEDS

Powerhead LED		Possible Problem	Solution
Round LED	Long LED		
OFF	OFF	Normal operation.	None required.
		No response from unit.	Check power supply. Contact a trained door system technician.
ON/RED/ STEADY	ON/RED/ STEADY	Limits NOT set properly.	Re-program limits, see page s 6-7.
ON/RED/ FLASHING	ON/RED/ FLASHING	Program error.	Unplug unit, wait 5 seconds, plug in.
		Component failure.	Contact a trained door system technician.
ON/BLUE/ FLASHING	OFF	Remote NOT programmed.	Program remote, see pages 10-11.
ON/PURPLE/ FLASHING	OFF	Intellicode® remote NOT programmed.	Program remote using Intellicode® remote, see page 10.
ON/RED/ FLASHING	OFF	Safe-T-Beam® physical obstruction.	Remove obstruction, recheck unit.
		Safe-T-Beam® signal interference.	Check alignment of Safe-T-Beam® pair and nearest other Safe-T-Beam® pair, see page 18.
OFF	ON/RED/ FLASHING	Door contact in UP or DOWN travel.	Remove obstruction.
		Door component failure detected.	Check door spring, track, rollers, hinges and fixtures.
OFF	ON/RED/ STEADY	Thermal cutout	DO NOT unplug unit. Wait until LED clears before operating.



**PowerMax® 1200/1500, SC 1200/1500, TriloG™ 1200/1500, PowerLift® 900,
GPower™ 900, SilentMax® 1000/1200, CB 1000/1200, IntelliG® 1000/1200**

LIMITED WARRANTY

GMI Holdings, Inc. d/b/a The Genie Company ("Seller") warrants to the original purchaser of the below identified, SilentMax® 1000/1200, CB 1000/1200, IntelliG® 1000/1200, PowerMax® 1200/1500, SC 1200/1500, TriloG™ 1200/1500, PowerLift® 900, or GPower™ 900 garage door openers, ("Product"), subject to all of the terms and conditions hereof, that the Product and all components thereof will be free from defects in materials and workmanship for the following period(s) of time, measured from the date of purchase:

SilentMax® 1000/1200, CB 1000/1200, IntelliG® 1000/1200,

MOTOR/GEARBOX- Seller warrants the motor/gearbox for the LIFETIME* of the product

BELT- Seller warrants the belt for a period of FIFTEEN (15) YEARS

CHAIN- Seller warrants the chain for a period of FIVE (5) YEARS

PowerMax® 1200/1500, SC 1200/1500, TriloG™ 1200/1500

MOTOR - Seller warrants the motor for the LIFETIME* of the Product

DRIVE SCREW- Seller warrants the drive screw for the LIFETIME* of the Product

PowerLift® 900, GPower™ 900

MOTOR - Seller warrants the motor for a period of FIFTEEN (15) YEARS

DRIVE SCREW - Seller warrants the drive screw for a period of FIVE (5) YEARS

CORE UNIT PARTS** - Seller warrants all other parts and components of the Core Unit for a period of FIVE (5) YEARS

ACCESSORIES - Seller warrants all accessories included with product for a period of ONE (1) YEAR

*Lifetime shall mean for as long as the original purchaser owns the home in which the product is originally installed

** The Core Unit consists of the powerhead, wired wall control, Safe-T-Beam® system, J-Arm and rail

Seller's obligation under this warranty is specifically limited to repairing or replacing, at its option, the Product or any part thereof which is determined by Seller to be defective during the applicable warranty period. Any labor charges are excluded and will be the responsibility of the purchaser

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is made to the original purchaser of the Product only, and is not transferable or assignable. This warranty applies only to Product installed in a residential or other non-commercial application. It does not cover any Product installed in commercial or industrial building applications. This warranty does not apply to any unauthorized or improper installation, alteration or repair of the Product, or to any Product or component which has been damaged or deteriorated due to misuse, abuse, neglect, accident, failure to provide necessary maintenance, normal wear and tear, or acts of God or any other cause beyond the reasonable control of Seller, and does not cover batteries, missing or damaged parts from clearance or open box sales, or repairs or maintenance to door components.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN TIME TO THE APPLICABLE WARRANTY PERIOD REFLECTED ABOVE. NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY.

AFTER THE LIMITED WARRANTY PERIOD HAS EXPIRED. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

IN NO EVENT SHALL GMI HOLDINGS, INC. OR ITS PARENT OR AFFILIATES BE RESPONSIBLE FOR, OR LIABLE TO ANYONE FOR, SPECIAL, INDIRECT, COLLATERAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, even if Seller has been advised of the possibility of such damages. Such excluded damages include, but are not limited to, loss of use, cost of any substitute product, or other similar indirect financial loss. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Claims under this warranty must be made promptly after discovery and within the applicable warranty period. To obtain warranty service, you must contact Genie® customer service and provide proof of the date and location of purchase and identification as the original purchaser. Call Genie® Customer Service toll free at 1-800-354-3643 to speak with a trained representative. Purchaser must allow Seller a reasonable opportunity to inspect Product claimed to be defective prior to removal or alteration of its condition. Upon determination by Seller that the Product or any part thereof is defective during the applicable warranty period (which may require purchaser to return the Product to Seller at purchaser's expense), Seller will supply the purchaser with replacement parts or, at its option, a replacement Product (shipping and handling of any replacement part(s) or replacement Product also at purchaser's expense). Seller may use new or reconditioned parts, or a new or reconditioned Product of the same or similar design.

There are no established informal dispute resolution procedures of the type described in the Magnuson-Moss Warranty Act.

PURCHASER: _____

INSTALLATION ADDRESS: _____

DATE PURCHASED: _____ SERIAL NUMBER: _____

OPENER MODEL: _____

REMOTE CONTROL MODEL: _____

DEALER NAME: _____

DEALER ADDRESS: _____