

**Potential Hazards**  
 Overhead doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injuries, your safety and the safety of others depends on you reading the information in this installation poster. If you have questions or do not understand the information presented, call The Genie Company or your local Genie Factory Authorized Dealer. In this section, and those that follow, the words **Danger**, **Warning**, and **Caution** are used to emphasize important safety information.  
**Danger:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.  
**Warning:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.  
**Caution:** Indicates a potentially hazardous situation which, if not avoided, may result in injury or property damage.  
 Note is used to indicate important steps to be followed or important considerations.

**Pre-Installation Considerations**  
 This opener includes parts and supplies needed for installation in MOST garages and on MOST garage doors. There are many variations of garages and garage doors. A few additional parts and supplies may be needed for installation in YOUR garage and to YOUR garage door. While going over these instructions, please note the additional items you may need. For help finding a local Genie® Professional Dealer, call 1-800-OK-GENIE or Customer Service at 1-800-35-GENIE.  
 There are a few specific areas of interest which might require extra materials. They are: 1) The header above the garage door where tension springs are used—does it extend far enough above the springs to allow mounting of the header bracket. If not, or if you can't tell you will probably need a piece of 2" x 6" lumber to span across wall studs. 2) The area overhead where the powerhead will be mounted—if you have a finished ceiling, you will need a piece of angle iron which can span across beams of trusses. 3) Is there wood along the door tracks near the floor where the Safe-T-Beam® can be most easily mounted, or will you need fasteners for mounting to the track itself or some other material? 4) Measure the height of your door. If it is taller than 7", you will need a Rail Extension Kit. Will you need extension brackets or wooden blocks to extend the Safe-T-Beam far enough off the wall to see past any door hardware?  
 Is there an electrical outlet within approximately 3' of the point where the powerhead will be? If not, you need to contact a licensed electrician.  
 Check condition of the door and all its associated hardware: Tracks, springs, hinges, rollers. Is anything loose or appear worn? If so, call a trained professional for an evaluation and repairs. If needed, **DO NOT ATTEMPT TO ADJUST SPRINGS OR THEIR ATTACHED PARTS!**  
 Operate the door manually. Does it move freely and smoothly? Check the balance of the door by lifting it by hand approximately halfway open and let go. It should stay put or move very slowly. If not, call a trained professional for repairs. Remove all ropes and remove or disable all locks connected to the garage door. It is also recommended that T-handles be removed. Closed lock lifting handles with no protruding parts can remain.

**WARNING**  
**A moving door could result in serious injury or death.**  
 • Keep people clear of opening while door is moving.  
 • DO NOT allow children to play with the door operator.  
 • DO NOT operate a door that jams or one that has a broken spring.

**WARNING**  
**An Electrical Shock could result in serious injury or death.**  
 • Turn off power before removing operator cover.  
 • When replacing cover, make sure wires are not pinched or near moving parts.  
 • Operator must be properly grounded.

**WARNING**  
**WARNING—HIGH SPRING TENSION**  
 • DO NOT try to remove, repair or adjust springs or anything to which door spring parts are fastened, such as wood block, steel brackets, cables or other like items.  
 • Repairs and adjustments must be made by a trained door system technician using proper tools and instructions.

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

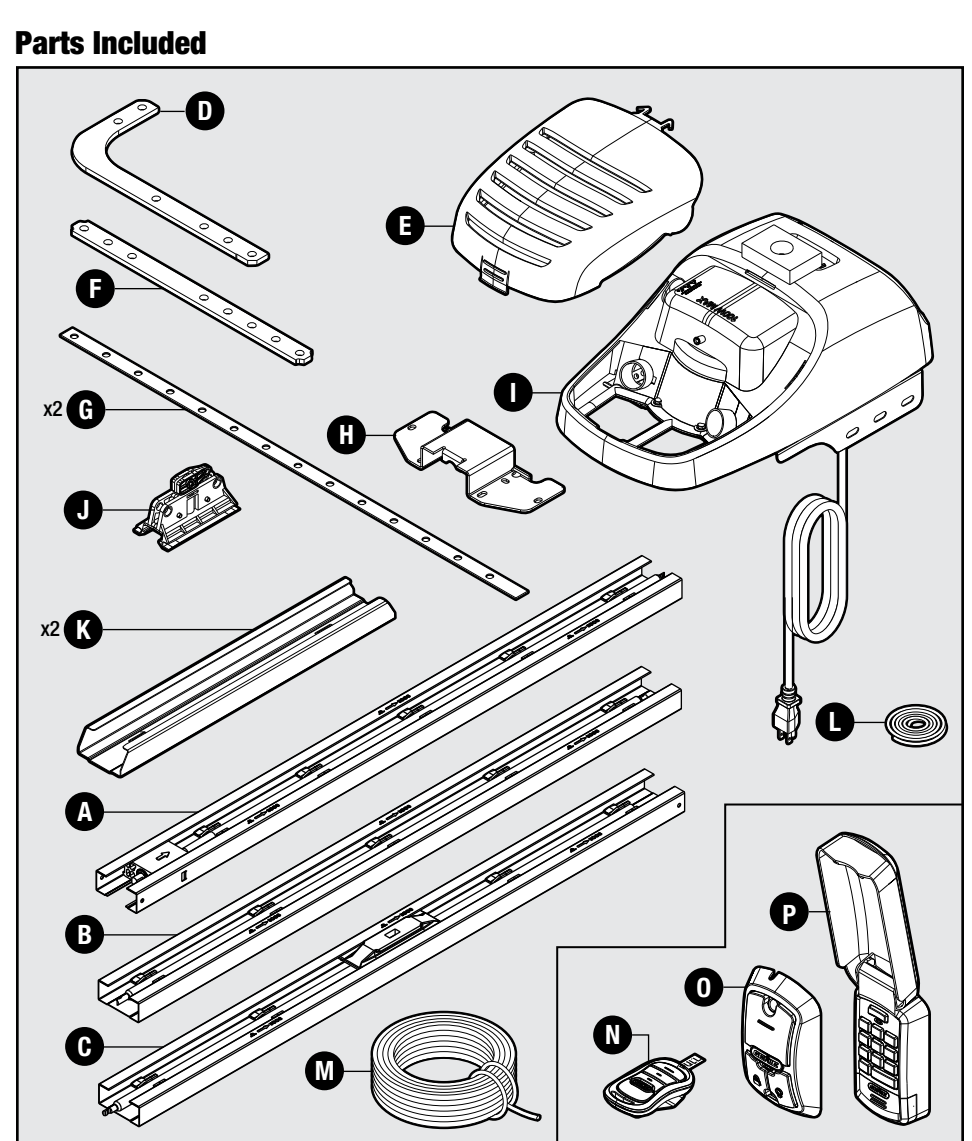
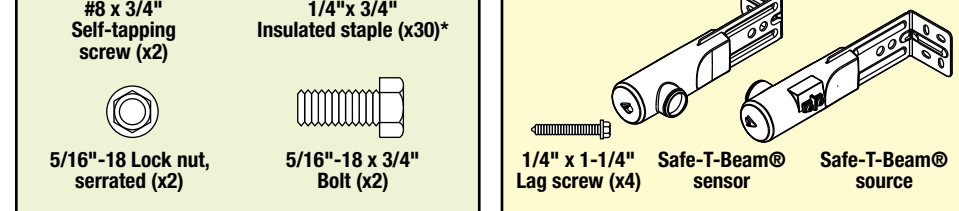
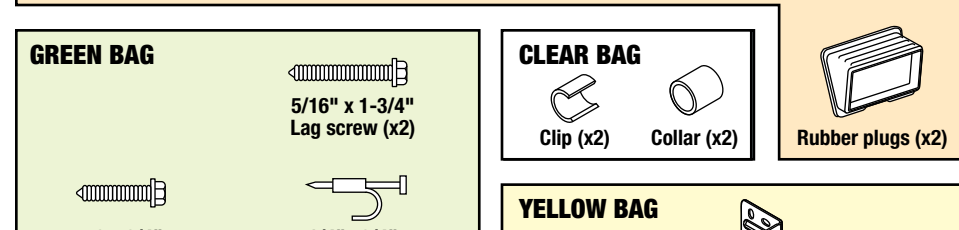
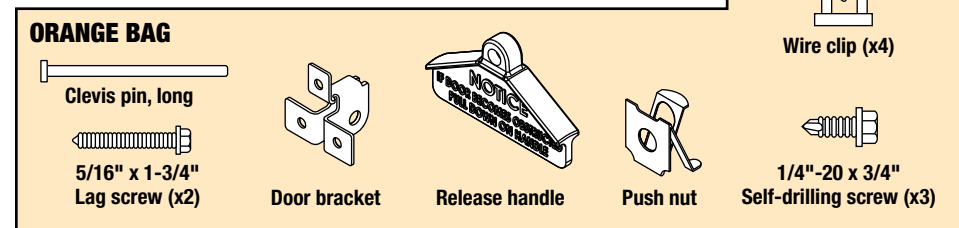
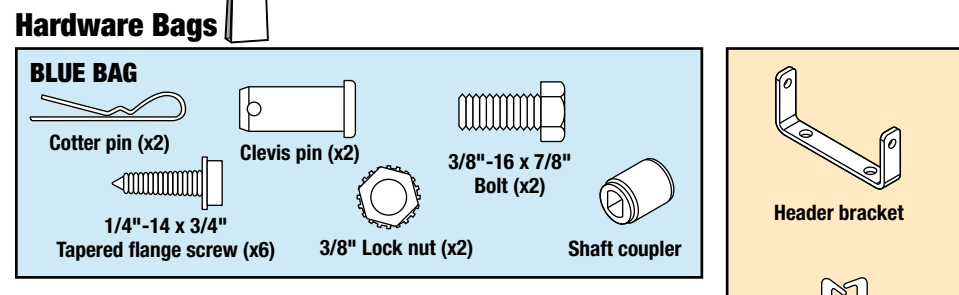
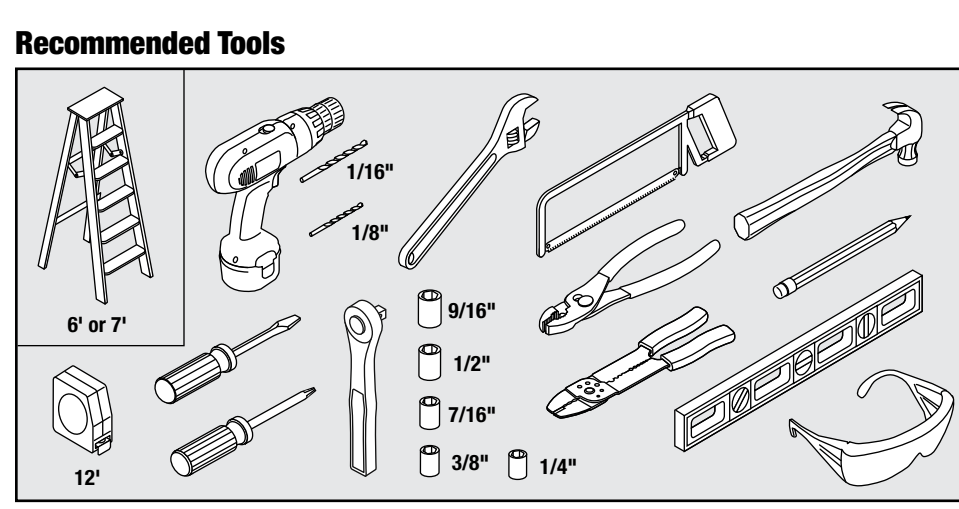
**WARNING**  
**TO REDUCE THE RISK OF SEVERE INJURY OR DEATH**  
 READ AND FOLLOW ALL SAFETY, INSTALLATION AND OPERATION INSTRUCTIONS. If you have any questions or do not understand an instruction, call The Genie® Company or your local Genie® Factory Authorized Dealer.  
 • DO NOT install operator on an improperly balanced door. An improperly balanced door could cause severe injury. Repairs and adjustments to cables, spring assembly, and other hardware must be made by a trained service person using proper tools and instructions.  
 • Remove all ropes, and disable all locks connected to the door before installing operator.  
 • Install door operator 7 feet or more above the floor. Mount the emergency release knob 6 feet above the floor.  
 • DO NOT connect the operator to the source of power until instructed to do so.  
 • Locate the wall console button: A) Within sight of door. B) At a minimum height of 5 feet so small children cannot reach it. C) Away from all moving parts of the door.  
 • Install the entrapment WARNING label next to the wall button or console. Install the emergency release tag on, or next to, the emergency release handle.  
 • The operator must reverse when the door contacts a 1-1/2 inch high object on the floor at the center of the doorway. This is about the size of a 2" x 4" board laid flat.

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**Parts List**

(A) Powerhead end rail section (G) Mounting straps (M) Safe-T-Beam/wall console wire  
 (B) Middle rail section (H) Powerhead bracket (N) Remote  
 (C) Door end rail section (I) Powerhead (O) Wall console  
 (D) Door arm, curved (J) Shuttle (P) Wireless keypad  
 (E) Powerhead lens (K) Rail connector (L) Emergency release cord  
 (F) Door arm, straight (Optional on some models)

**1 Rail Assembly** (CLEAR BAG hardware)

1a. Slide one rail connector (K) over Powerhead end rail section (A) until it locks.  
 1b. Slide middle rail section (B) into the rail connector (K) until it locks.  
 1c. Slide second rail connector (K) onto other end of middle rail section (B) until it locks.  
 1d. Slide door end rail section (C) into the rail connector until it locks.  
 1f. Secure screw drives of each section with (2) collars and (2) clips.

**2 Attaching Rail to Powerhead** (BLUE BAG hardware)

2a. Place shaft coupler large hole over screw drive.  
 2b. Align and slide screw drive/coupler small hole over motor shaft.  
 2c. Place powerhead bracket (H) on top of rail with tongue of bracket inserted into slot on rail. (The rail is connected with closed side facing up. The screw will be underneath and not visible when viewed from above).  
 2d. Align bracket holes with holes on powerhead (I) and secure with tapered flange screws. (Use soft material to cushion underside of opener in order to protect powerhead.) **Note: Bracket must fit into slot.**

**3 Mounting Rail Bracket on Header** (ORANGE BAG hardware)

3a. Center header bracket above door, mark holes.  
 3b. Drill two-5/32\"/>

**Typical Installation**  
 3c. 5/16\"/>

**Highest Point of Door Travel**  
 3c. Header, Sectional Door, Track, FROM HERE TO FLOOR

To determine "highest point of door travel":  
 1. Get on a ladder to the side of your garage door.  
 2. Have someone lift the door open slowly.  
 3. As the door is raised, note the point and amount it extends above the door tracks with tape measure—that is the highest point of door travel.  
 4. Measured from floor to door or from door to ceiling

**\*\*Highest point of door travel plus:** Sectional door = Highest point plus 2.5"  
 One-piece door = Highest point plus 6"

**WARNING**  
 Door springs are under high tension. If spring or shaft is in the way, measure above spring or shaft on the garage door centerline and mark as location for header bracket. **DO NOT ATTEMPT TO MOVE, ADJUST, OR REMOVE DOOR SPRING!**

**CAUTION**  
 Header Bracket must be fastened to garage framing. **DO NOT** fasten to drywall, particle board, plaster, or other such materials.

**4 Attaching Rail to Bracket** (ORANGE BAG hardware)

4a. Elevate opener assembly and position door end rail section (C) inside bracket.  
 4b. Align holes in rail with holes in bracket.  
 4c. Slide clevis pin through holes in rail and bracket and secure with push nut by passing the push nut ends together.  
 4d. Insert rubber plugs into powerhead accessory holes if present.

**5 Mounting Powerhead to Ceiling** (GREEN BAG hardware)

5a. Find and mark ceiling at center line of door. For finished ceilings, attach cross piece (not supplied) to joists.  
 5b. Attach mounting straps (G) to joists or cross piece with (2) lag screws (5/16\"/>

**Open Beam Ceiling**  
 5d. Attach to joists

**Finished Ceiling**  
 5d. 5/16\"/>

**Note:** Rail should be level to floor. For tall garage ceilings additional hanging angle and hardware may be required and is available at leading retail stores.

**6 Attaching Door Bracket to Door** (ORANGE BAG hardware)

**Sectional Door (Typical):**  
 6a. Center bracket on door, higher than the top set of door rollers.  
 6b. Using bracket, mark holes on door or frame.  
 6c. Drill 1/8\"/>

**Sectional Door (Wooden):**  
 6a. Center bracket on door, higher than the top set of door rollers.  
 6b. Using bracket, mark holes on door or frame.  
 6c. Drill 1/8\"/>

**Note:** One-Piece Door (Top Edge/Face Mount) instructions are in the Operation and Maintenance Manual provided.

**CAUTION**  
 Doors made of masonry, lightweight wood, fiberglass, and sheet metal must be properly braced before mounting door opener. Contact door manufacturer or distributor for any questions or concerns. The Genie® Company is not responsible for any damage caused due to an improperly braced door.

**7 Attaching Door Arm to Door Bracket and Shuttle** (BLUE BAG hardware)

7a. Secure emergency release handle to cord (L) and attach emergency release cord to shuttle in rail (J).  
 7b. Using the emergency release cord, disengage the shuttle/carriage.  
 7c. **Sectional Doors** typically carry curved door arm (D). In some cases, straight door arm (F) may be used if the door bracket is mounted on the top edge of door.  
 7d. With the door closed, the angle from door arm (D) to header is 30° max.

**Note:** One-Piece Door (Top Edge/Face Mount) instructions are in the Operation and Maintenance Manual provided.

**8 Installing Safe-T-Beam®** (YELLOW BAG hardware)

8a. Position Safe-T-Beam source and sensor on each side garage door 5\"/>

8b. Mark bracket mounting holes and secure with (4) 1/4\"/>

8c. Use garage pre-wiring when available or route two lengths of two conductor wires from powerhead, through 4 wire clips and fixed to top of rail, across header, on both left and right of door down to the source and sensor.  
 8d. Secure wire to rail with wire clips spaced evenly along rail, and wire to header and wall with insulated staples. Insert wires from above through control wire tube. Cut off excess wire.  
 8e. Attach wire to terminals on each Safe-T-Beam. At powerhead, twist (2) striped wires together and insert into terminal 1 then twist (2) white wires together and insert into terminal 2. Tape excess wire to powerhead away from lights.  
 8f. At powerhead, press IN the orange tabs above the terminal to insert the wires with a flat head screw driver.

**CAUTION**  
 When using insulated staples, make only snug enough to hold wire in place. Staples too tight can cause damage to wire and cause Safe-T-Beam® System to malfunction.

**9 Installing Wall Console** (CLEAR BAG hardware)

9a. Route wire from powerhead to desired location for wall console. Some homes are pre-wired and they may not be color-coded.  
 9b. Secure wire with insulating staples and cut off excess wire.  
 9c. Attach wires to wall console as shown.  
 9d. From above, insert opposite end of wire through control wire tube on powerhead and attach as shown.

9e. Mount wall console with #6 screws  
 9f. Post "ENTRAPMENT WARNING LABEL" (included in Manual) next to the Wall Console.

**Note:** Some homes are pre-wired for Safe-T-Beam devices. Complete the connection and apply power. If the sensor or wall console LEDs come ON, wire routing is correct. You may need to wire one sensor at a time to confirm wire routing in some cases.

**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.

**10 Light Assembly**

10a. Install light bulbs into powerhead (F).  
 10a. Each light bulb must be 100 W or less\* (Model 2562 requires light bulbs of no more than 60 watts). Compact CFL bulbs can be used.  
 10b. Insert powerhead lens hinge (E) into slots in motor cover on powerhead (F).  
 10c. Swing lens (E) up into place. (It may be necessary to squeeze lens slightly to align tabs with slots at top of motor cover).

**11 Connecting Power**

**For Grounded Outlet connection:**  
 11a. Plug in the power cord. Coil excess cord and tape or twist tie it to top of powerhead. (DO NOT PLACE ABOVE LIGHT BULBS.)

**WARNING**  
 Opener is equipped with grounded electrical plug for your protection, and only fits grounded electrical outlets. **DO NOT** alter plug in any way! If you have no grounded outlets, have one installed by a licensed electrician. Opener must be properly grounded to prevent personal injury and equipment damage. **NEVER USE AN EXTENSION CORD!** Check local building codes for any requirement that you must have a permanent hard-wired connection. **NEVER REMOVE MOTOR COVER.** All work inside cover must be performed by a licensed electrician using proper tools and instructions.

**For Permanent Wiring by an Electrician:**  
 11a. Cut existing wires OUTSIDE CHASSIS.  
 11b. The wire connections must be made INSIDE CHASSIS and there must be at least 6\"/>

**12 Ready to Program**  
 Refer to Operation and Maintenance Manual for programming instructions.

**CAUTION**  
 DO NOT run opener until travel limits have been set to avoid damage to unit.