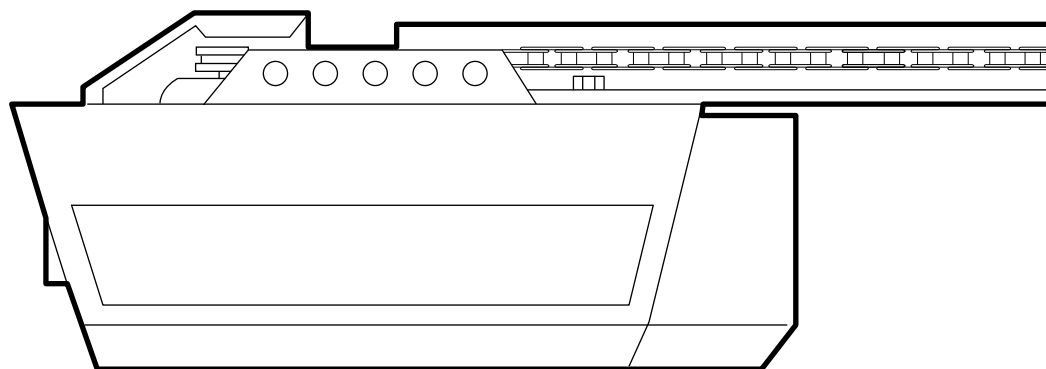


SEARS / CRAFTSMAN®

Owner's Manual

FOR RESIDENTIAL USE ONLY



Garage Door Opener Model 139.18205SR - 1/2 HP Model 139.18203SR - 1/3 HP

CAUTION! PLEASE READ THIS MANUAL CAREFULLY

The MODEL NUMBER label is located on the front panel of your opener.

CONTENTS	PAGE	CONTENTS	PAGE
Safety Rules.....	2	Force Adjustments	21
Features of Your Opener	3	Safety Reverse Test.....	22
Specifications	3	Setting/Changing Code	23
You'll Need Tools	3	Having a Problem?	24
Completed Installation Illustration	4	Carton Contents & Hardware Illustrated	26
Operation of Your Opener	5	Repair Parts, Rail Assembly	26
Accessories	5	Repair Parts, Installation.....	26
Care & Maintenance of Your Opener	6	Repair Parts, Chassis Assembly	27
Assembly Instructions.....	7	How To Order Repair Parts.....	28
Installation Instructions.....	10	Warranty	28
Travel Limit Adjustments	20		

**FASTEN THIS MANUAL NEAR THE GARAGE DOOR AFTER INSTALLATION.
PERIODIC CHECKS OF THE OPENER ARE REQUIRED TO INSURE SATISFACTORY OPERATION.**

Start By Reading These Important Safety Rules



THESE SAFETY ALERT SYMBOLS MEAN **CAUTION** - PERSONAL SAFETY, PROPERTY DAMAGE OR DANGER FROM ELECTRIC SHOCK. READ THESE INSTRUCTIONS CAREFULLY.

THIS GARAGE DOOR OPENER IS DESIGNED AND TESTED TO OFFER REASONABLY SAFE SERVICE PROVIDED IT IS INSTALLED AND OPERATED IN STRICT ACCORDANCE WITH THE FOLLOWING SAFETY INSTRUCTIONS.



FAILURE TO COMPLY WITH THE FOLLOWING INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE.

CAUTION: IF YOUR GARAGE HAS NO SERVICE ENTRANCE DOOR, INSTALL MODEL 18752 EMERGENCY RELEASE KEYLOCK. THIS ACCESSORY ALLOWS MANUAL OPERATION OF GARAGE DOOR FROM OUTSIDE IN CASE OF POWER FAILURE.



KEEP GARAGE DOOR BALANCED. Sticking or binding doors must be repaired. Garage doors, door springs, cables, pulleys, brackets and their hardware are under extreme tension and can cause serious personal injury. **DO NOT ATTEMPT TO LOOSEN, MOVE OR ADJUST THEM.** Call for garage door service.



THE SAFETY REVERSE SYSTEM TEST IS VERY IMPORTANT (page 22). Your garage door **MUST** reverse on contact with a 1-inch obstacle placed on the floor. Failure to properly adjust the opener may result in serious personal injury from a closing garage door. **REPEAT THE TEST ONCE A MONTH AND MAKE ANY NEEDED ADJUSTMENTS.**



DO NOT WEARE RINGS, WATCHES OR LOOSE CLOTHING while installing or servicing a garage door opener.



DO NOT USE THE FORCE ADJUSTMENTS TO COMPENSATE FOR A BINDING OR STICKING GARAGE DOOR. Excessive force will interfere with the proper operation of the safety reverse system or damage the garage door (page 21).



To avoid serious personal injury from entanglement, **REMOVE ALL THE ROPES CONNECTED TO GARAGE DOOR** before installing the garage door opener.



Install wall push button (or any additional push buttons) **IN A LOCATION WHERE GARAGE DOOR IS VISIBLE, BUT OUT OF THE REACH OF CHILDREN.** **DO NOT ALLOW CHILDREN TO OPERATE PUSH BUTTON(S) OR TRANSMITTER.** Serious personal injury from a closing garage door may result from misuse of the opener.



DISENGAGE ALL EXISTING GARAGE DOOR LOCKS to avoid damage to garage door.



Installation and wiring must be in compliance with your local building and electrical codes. **CONNECT THE POWER CORD ONLY TO A PROPERLY GROUNDED OUTLET.**



CAUTION: Activate opener only when the door is in full view, free of obstructions and opener is properly adjusted. **NO ONE SHOULD ENTER OR LEAVE THE GARAGE WHILE DOOR IS IN MOTION. DO NOT ALLOW CHILDREN TO PLAY NEAR THE DOOR.**



LIGHTWEIGHT DOORS OF FIBERGLASS, ALUMINUM OR STEEL MUST BE SUBSTANTIALLY REINFORCED TO AVOID DOOR DAMAGE. (See page 17.) The best solution is to check with your garage door manufacturer for an opener installation reinforcement kit.



Use the emergency release **ONLY** to disengage the trolley and, if possible, **ONLY** when the door is closed. **DO NOT USE THE RED HANDLE TO PULL DOOR OPEN OR CLOSED.**



Fasten a **CAUTION LABEL** to the wall, adjacent to the Wall Push Button, and the other to the garage door, as reminders of safe operating procedures.



DISCONNECT ELECTRIC POWER TO GARAGE DOOR OPENER BEFORE MAKING REPAIRS OR REMOVING COVERS.



Before you begin, please check the contents of the cartons. Illustrations of parts and hardware are shown on pages 26 and 27. Separate the hardware for assembly and installation as shown.

FEATURES OF YOUR OPENER

- Opener Light:** Turns on and off automatically with 4-1/2 minute illumination for your safety and convenience.
- Emergency Disconnect:** Pull cord disconnect permits manual door operation in case of an emergency or power failure.
- Motor:** Permanently lubricated with automatic reset.
- Safety System:** Independent up and down force adjustment. The door REVERSES automatically when obstructed in DOWN direction. The door STOPS when obstructed in UP direction.
- Automatic Reconnect:** Trolley halves reconnect for automatic operation when opener is activated after an emergency disconnect.
- Digital Radio Controls:** Codes can be set and changed easily and as often as you would like.
- Easy Limit Adjustment:** Limits of door opening and closing adjusted by turning screws without removing opener cover.
- 3-Function Transmitter:** Has three push buttons. Each button can activate one or more Light Control and/or garage door opener. The opener is factory preset to activate with LARGE push button on transmitter.

SPECIFICATIONS

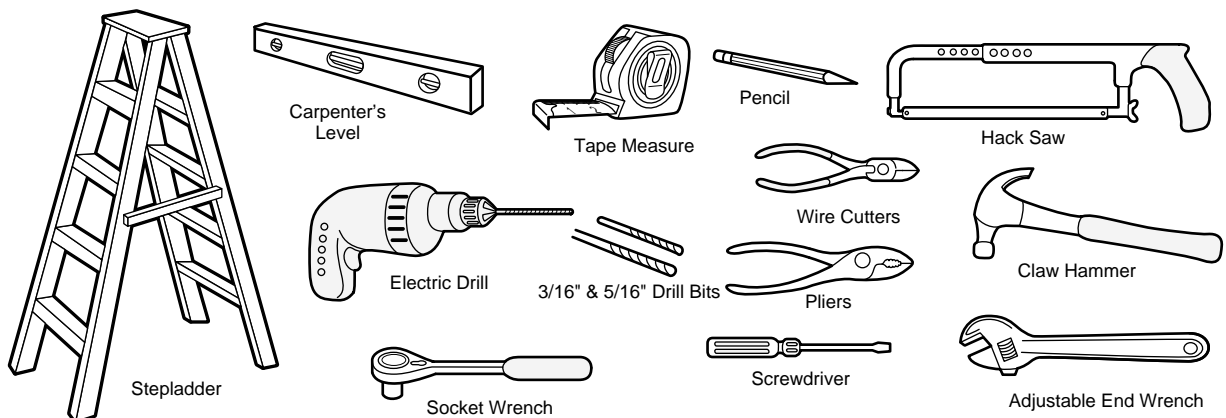
MOTOR	
Type.....	Permanent split capacitor
Speed.....	1500 rpm
Volts.....	120 Volts AC - 60 Hz. Only
Current.....	4.5 amperes
DRIVE MECHANISM	
Gears.....	16:1 worm gear reduction
Drive.....	Chain & cable with two-piece trolley on steel Tee rail
Length of travel.....	Adjustable to 7-1/2 feet
Travel rate.....	6 to 8 inches per second
Lamp.....	On when door starts to travel, off 4-1/2 minutes after stop.
Door linkage.....	Adjustable door arm. Pull cord trolley release.

SAFETY	
Personal.....	Push button and automatic reversal in down direction. Push button and automatic stop in UP direction
Electronic.....	Independent UP and DOWN force adjustment screws
Electrical.....	Motor overload protector & low voltage push button wiring
Limit device.....	Circuit actuated by limit nut
Limit adjustment.....	Screwdriver adjustment on side panel
Start circuit.....	Low voltage push button or radio control

DIMENSIONS	
Length (overall).....	124 inches
Headroom required.....	2 inches
Hanging weight.....	32 pounds

YOU'LL NEED TOOLS

During assembly and installation of your opener, the instructions will call for the use of various hand tools shown below.



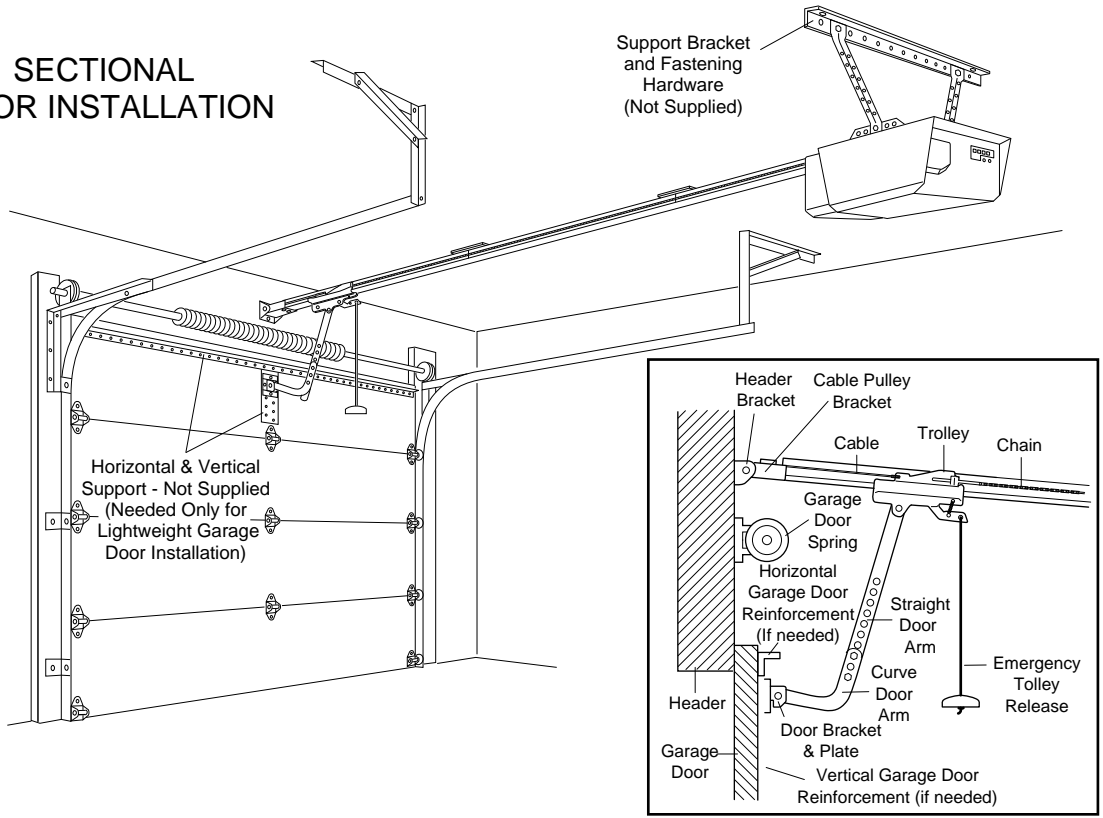
BEFORE YOU BEGIN, PLEASE TAKE SOME TIME TO CAREFULLY EXAMINE THE ILLUSTRATIONS OF AS TYPICAL GARAGE DOOR OPENER INSTALLATION ON BOTH A SECTIONAL AND A ONE-PIECE DOOR.

Some installation instructions vary for sectional and one-piece doors. Follow only those instructions which apply to your door type.

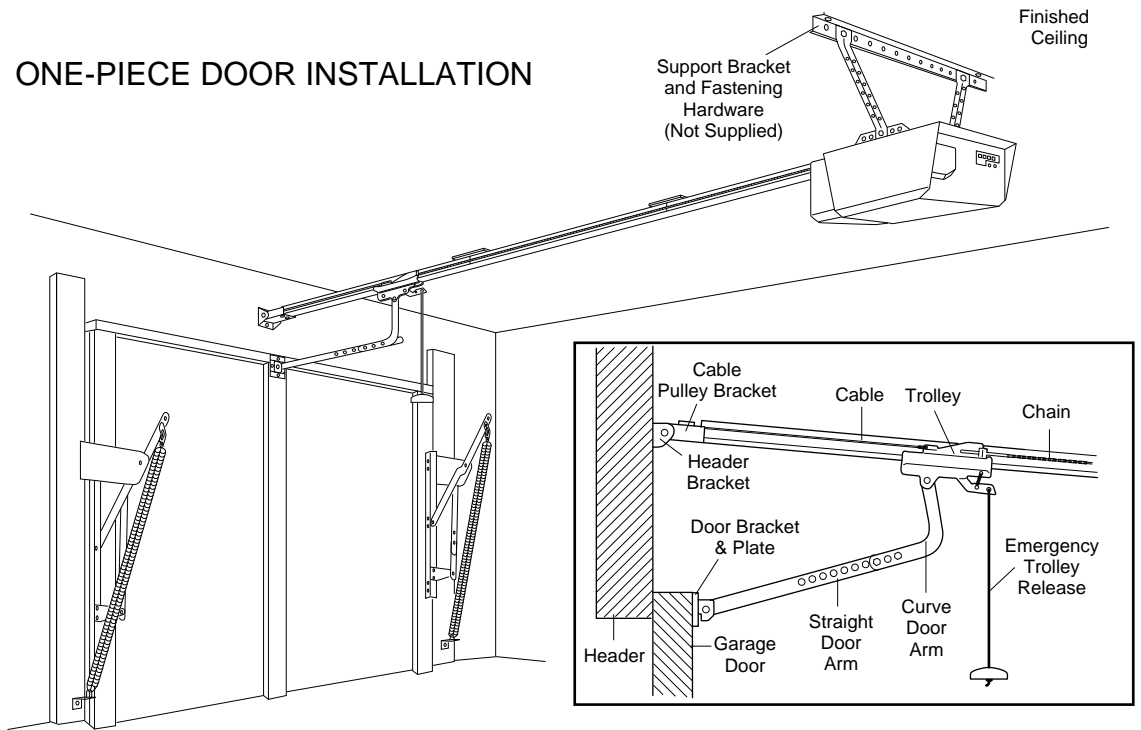
Do you have a finished ceiling in your garage? If so, you will need a support bracket and additional fastening hardware. Refer to Step 4, Page 13 for specific requirements.

Do you have a lightweight or metal door (or does it have glass panels)? If so, horizontal and vertical reinforcement is required. Refer to Step 8, Page 17.

SECTIONAL DOOR INSTALLATION



ONE-PIECE DOOR INSTALLATION



Operation of Your Opener

CAUTION

- **BEFORE YOU PROCEED, PLEASE READ SAFETY RULES ON PAGE 2 AND THE OPERATING INSTRUCTIONS ON THIS PAGE CAREFULLY.**
- **TO AVOID DIFFICULTY DURING INSTALLATION, DO NOT RUN OPENER UNTIL INSTRUCTED TO DO SO.**

- **DO NOT PERMIT CHILDREN TO PLAY IN THE AREA OF THE DOOR.**
- **OPERATE ONLY WHEN OPENER IS PROPERLY ADJUSTED AND THE DOOR IS VISIBLE AND UNOBSTRUCTED.**

TO ACTIVATE THE OPENER:

Use any of the following devices:

- 1. The 3-Function Transmitter.** The LARGE push button has been factory pre-set to activate the garage door opener. Hold the LARGE push button down until the door starts to move.
- 2. The Wall Push Button.** Hold push button down until the door starts to move.
- 3. Key Switch or Digital Entry System accessories.**

HOW TO OPERATE THE DOOR MANUALLY:

DOOR SHOULD BE FULLY CLOSED IF POSSIBLE. WEAK OR BROKEN SPRINGS COULD ALLOW AN OPEN DOOR TO FALL RAPIDLY PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY COULD RESULT. DO NOT USE EMERGENCY HANDLE TO PULL DOOR OPEN OR CLOSED.

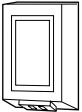
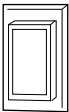
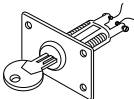
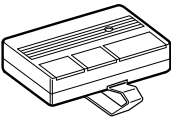
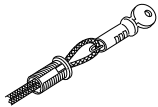
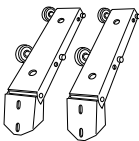
Disconnect door from opener by pulling down sharply on red handle. Lift door manually. To automatically reconnect door to opener, press Wall Push Button.

THE LOCKOUT FEATURE: Prevents trolley from reconnecting automatically. If you need to use this feature, pull emergency handle down and back (toward the opener). Trolley will remain "Locked-Out" and door can be raised and lowered manually. To reconnect trolley, pull emergency handle straight down.

OPENER LIGHT will turn on under the following conditions: When the opener is initially plugged in; when the power is interrupted; when the opener is activated. Light turns off automatically after 4-1/2 minutes.

HOW DOOR MOVES WHEN OPENER ACTIVATES:

1. If open, door will close. If closed, the door will open.
2. If closing, the door will reverse.
3. If opening, the door will stop (allowing space for entry and exit of pets and for fresh air).
4. If the door has been stopped in a partially open position, it will close.
5. If obstructed while closing, the door will reverse.
6. If obstructed while opening, the door will stop.

ACCESSORIES		Sears offers many useful accessories for your garage door opener. They are illustrated below with Sears stock numbers and descriptions.	
18727  LIGHT CONTROL (Wire-In): Controls interior or exterior lights. Wires into electrical box like a dimmer switch.	18725  LIGHT CONTROL (Plug-In): Controls interior lights. Plugs into a wall receptacle.	18756  OUTDOOR KEY SWITCH: Opens the garage door automatically from outside with the turn of a key when transmitter is not handy.	DIGITAL ENTRY SYSTEMS: Enables the homeowner to operate garage door opener from outside by entering code on specially designed keypad.
18778 	3-FUNCTION TRANSMITTER: Standard size. With visor clip.		18752  EMERGENCY RELEASE KEY LOCK: REQUIRED for a garage with NO service door. Allows manual operation of garage door from outside in case of power failure.
18785 	DOOR CLEARANCE BRACKETS: (For Sectional Doors ONLY) Replace top brackets and rollers on door to reduce height of door travel. For use when installing opener in garage with low headroom clearance.		18754-8' 18753-10' TEE RAIL EXTENSION KIT: With a longer section of Tee rail & a chain/cable assembly. to allow 8 foot or 10 foot doors to open fully.

CARE OF THE OPENER

When properly installed, opener will provide high performance with a minimum of maintenance. The opener does not require additional lubrication.

Most complaints of unsatisfactory opener operation can be traced to problems with the door itself. When operated manually, a properly balanced door will stay in any point of travel while being supported entirely by its springs.

THE OPENER IS NOT INTENDED TO CORRECT ANY PROBLEMS THAT ARE CAUSED BY AN UNBALANCED OR BINDING DOOR, BROKEN DOOR SPRINGS OR BY FAULTY DOOR HARDWARE.

LIMIT AND FORCE ADJUSTMENTS: These adjustments must be checked and properly set when opener is installed. Only a screwdriver is required. Pages 20 and 21 refer to the limit and force adjustments. Follow the instructions carefully.

REPEAT THE SAFETY REVERSE TEST AFTER ANY ADJUSTMENT. Weather conditions may cause some minor changes in the door operation, requiring some readjustments, particularly during the first year of operation.

THE SAFETY REVERSE SYSTEM IS IMPORTANT (SEE Pg. 22). GARAGE DOOR *MUST* REVERSE ON CONTACT WITH A 1-INCH OBSTACLE PLACED ON THE FLOOR. FAILURE TO PROPERLY ADJUST OPENER MAY RESULT IN SERIOUS PERSONAL INJURY FROM A CLOSING GARAGE DOOR.

CHAIN TENSION ADJUSTMENT: After installation of the opener and adjustment of forces and limits, the chain may appear loose. This is normal.

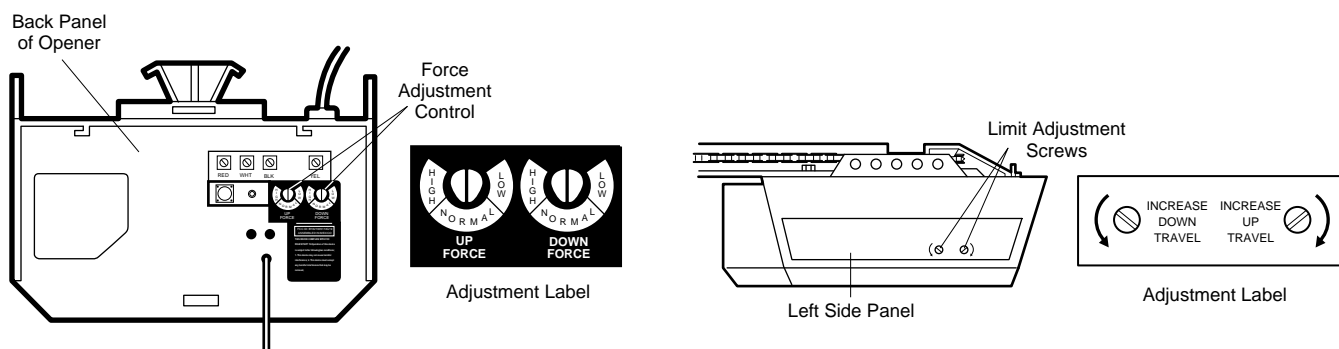
TO CHECK THE CHAIN TENSION: Disconnect the trolley by pulling the red emergency handle. If the chain returns to the position described and illustrated in Step 4 page 9, DO NOT make ANY further adjustments.

TRANSMITTER: The 3-function transmitter will operate more than one garage door opener, if desired. The push buttons may also be used to operate other 18000SR Series garage door openers and light products, Models 18727 and 18725. The standard transmitter may be secured to car sun visor with clip provided. Additional transmitters can be purchased at any time. Refer to Accessories on page 5.

Any new transmitter must be set to the same code as the original transmitter. Page 23 explains how to change your existing code and use the transmitter(s) with the other receivers mentioned above. Self service of your radio controls is not recommended. If service is needed, contact your nearest Sears Service Center.

TRANSMITTER BATTERY: The 12 Volt battery should produce power for at least one year. As long as there is adequate power, the transmitter battery test light will glow when the push button is pressed (and the opener or other control will operate). If light does not come on, replace the battery. If transmission range lessens, check the battery test light.

TO CHANGE BATTERY: Slide the battery compartment cover back. Remove old battery and position and new 12 Volt battery as directed.



MAINTENANCE OF YOUR OPENER

ONCE A MONTH

MANUALLY OPERATE DOOR. If it is unbalanced or binding, call professional garage door service.

CHECK TO BE SURE DOOR OPENS & CLOSES FULLY.

Adjusts Limits and/or Force if necessary.

REPEAT SAFETY REVERSE TEST. Make any necessary adjustments (See Page 22).

TWICE A YEAR

CHECK CHAIN TENSION. Adjust if necessary.

ONCE A YEAR

OIL DOOR ROLLERS, BEARINGS AND HINGES.

ASSEMBLY STEP 1

Assemble Tee Rail & Attach Cable Pulley Bracket

TO AVOID INSTALLATION DIFFICULTIES, DO NOT RUN THE GARAGE DOOR OPENER UNTIL INSTRUCTED TO DO SO.

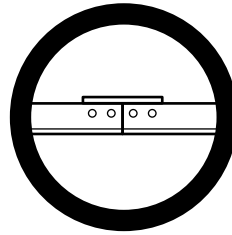
PROCEDURE: Place the 3 Tee rail sections on a flat surface for assembly. **THIS IS IMPORTANT.** The end sections are identical. THE CENTER SECTION BRACES MUST BE POSITIONED AGAINST THE END SECTIONS AS SHOWN. Make sure that the "directional arrow" is pointing toward the front (to door). Study the illustration CAREFULLY.

(When assembled, Tee rail has a front-to-back position as shown)

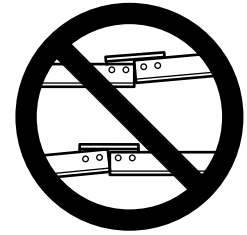
Bolt rail sections together with the hardware illustrated and from the direction indicated.

SQUARE NECKS ON CARRIAGE BOLTS MUST BE SEATED IN SQUARE HOLES IN RAIL SECTIONS.

CAUTION: Do not tighten the lock nuts until bolt necks are seated in square holes and rail sections are positioned correctly (see right and wrong views below).

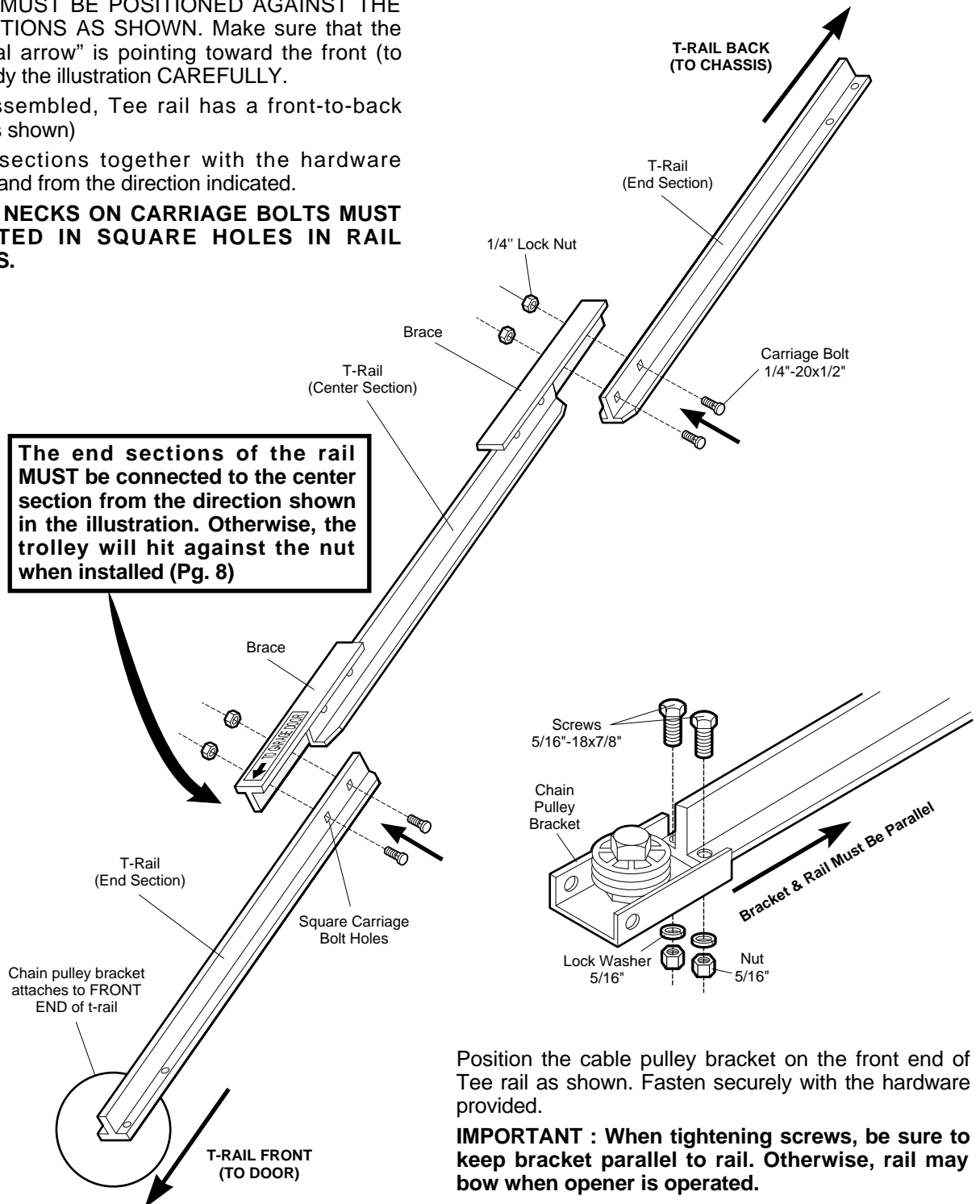


RIGHT



WRONG

The end sections of the rail MUST be connected to the center section from the direction shown in the illustration. Otherwise, the trolley will hit against the nut when installed (Pg. 8)



Position the cable pulley bracket on the front end of Tee rail as shown. Fasten securely with the hardware provided.

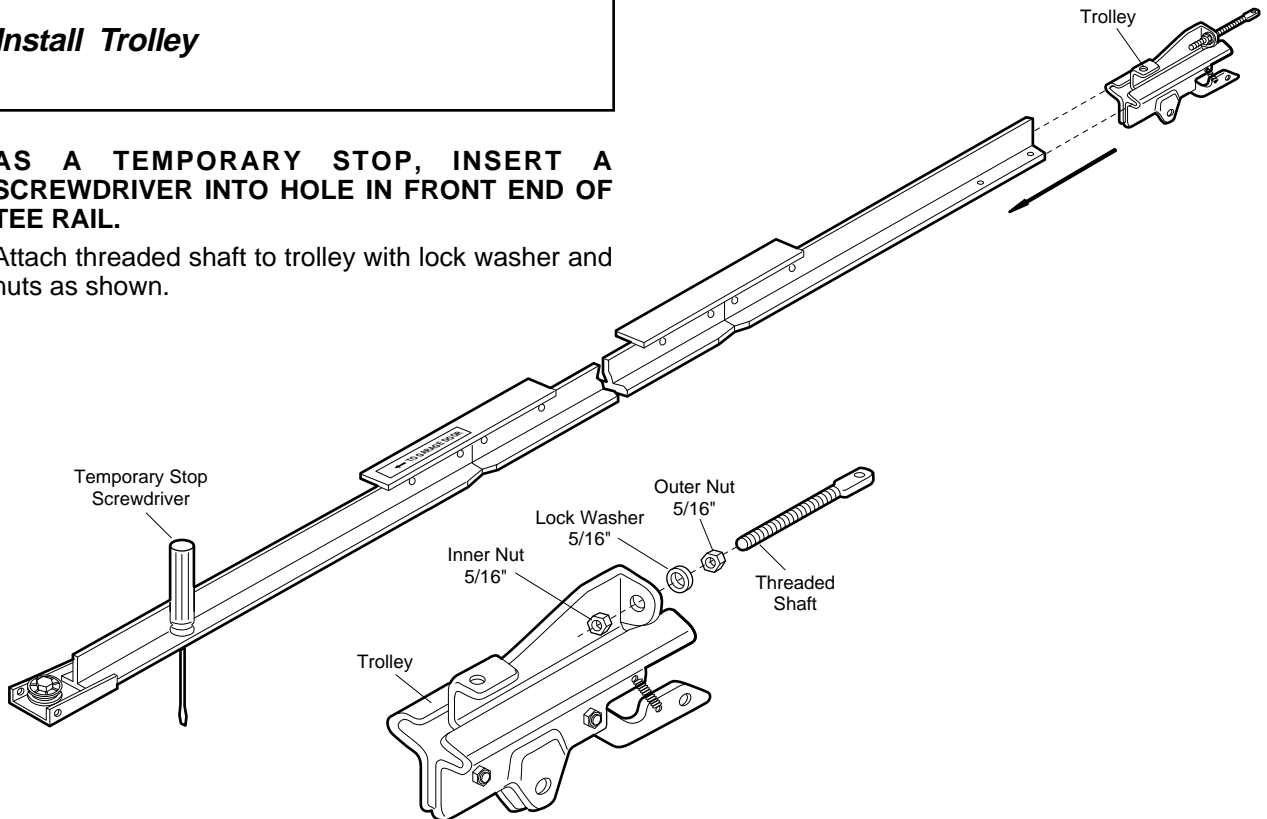
IMPORTANT : When tightening screws, be sure to keep bracket parallel to rail. Otherwise, rail may bow when opener is operated.

ASSEMBLY STEP 2

Install Trolley

AS A TEMPORARY STOP, INSERT A SCREWDRIVER INTO HOLE IN FRONT END OF TEE RAIL.

Attach threaded shaft to trolley with lock washer and nuts as shown.



Slide trolley assembly along rail to screwdriver stop.

NOTE: If trolley hits against nut on Tee rail, bolts and nuts were attached from the wrong side and must be repositioned. Review Step 1.

ASSEMBLY STEP 3

Fasten Tee Rail to opener

PROCEDURE: Place the opener on packing material to protect the cover. For convenience, place a support under the cable pulley bracket.

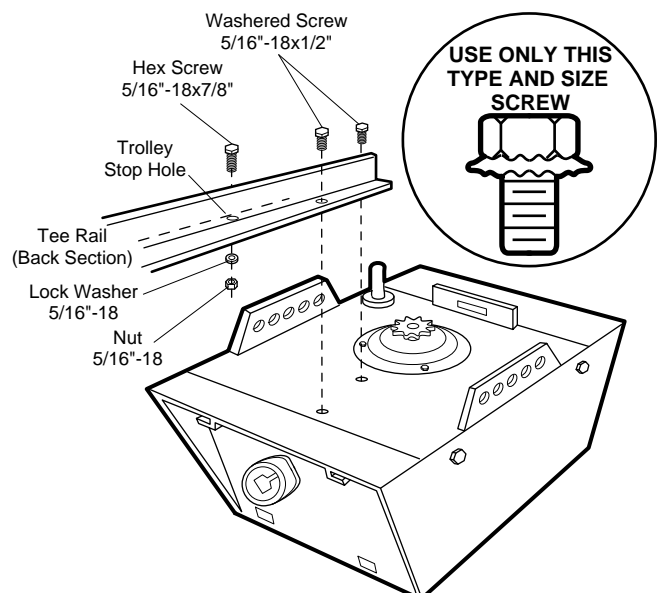
Remove the (2) 5/16"-18x1/2" washered screws mounted in the top of the opener. Align holes in back end of Tee rail with holes in opener. Fasten the rail with the (2) washered screws previously removed and tighten securely.

CAUTION: USE ONLY THESE SCREWS. Use of any other screws will cause serious damage to door opener.

Insert a 5/16"-18x7/8" hex screw into trolley stop hole in Tee rail as shown. Tighten securely with a 5/16" lock washer and nut.



USE ONLY THOSE SCREWS MOUNTED IN TOP OF OPENER. FAILURE TO DO SO WILL CAUSE SERIOUS DAMAGE TO OPENER.



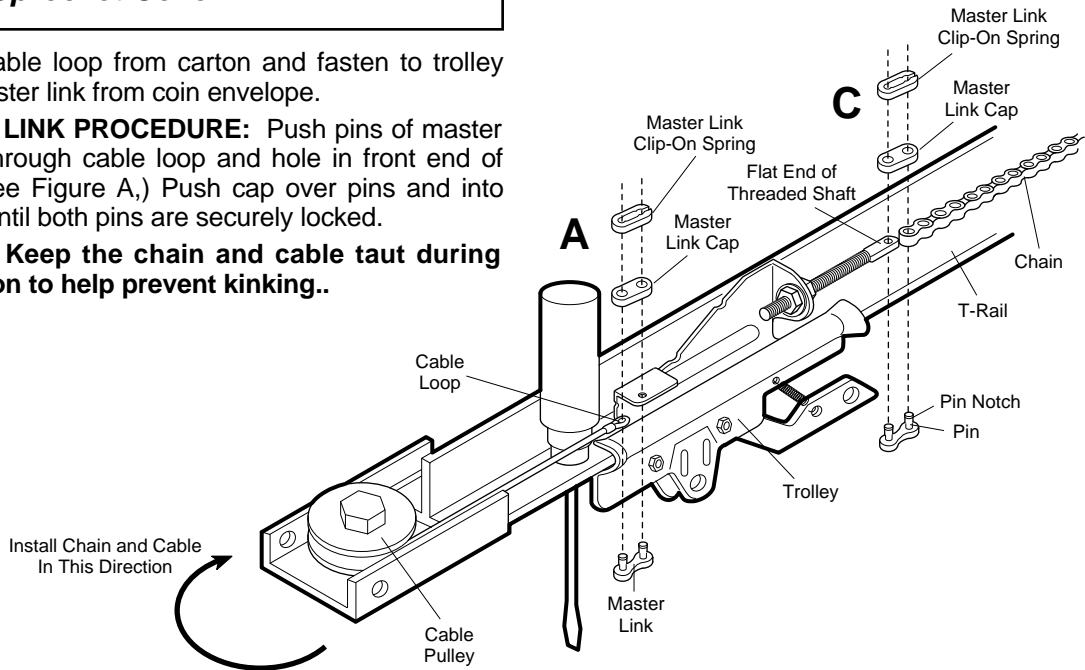
ASSEMBLY STEP 4

Install Chain/Cable & Attach Sprocket Cover

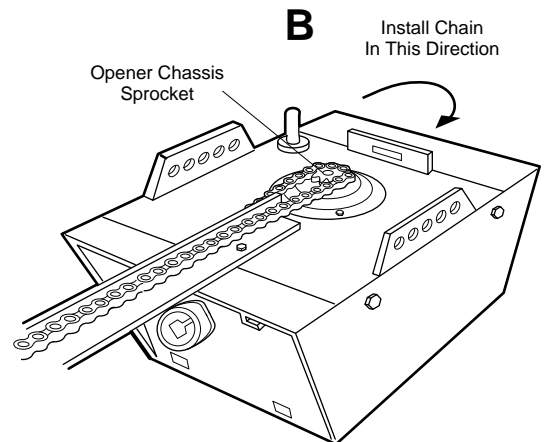
Detach cable loop from carton and fasten to trolley with a master link from coin envelope.

MASTER LINK PROCEDURE: Push pins of master link bar through cable loop and hole in front end of trolley (See Figure A,) Push cap over pins and into notches until both pins are securely locked.

Caution: Keep the chain and cable taut during installation to help prevent kinking..



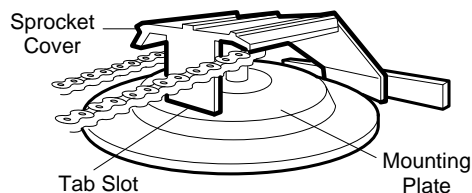
CAUTION: DO NOT REMOVE THE CHAIN/CABLE FROM THE DISPENSER CARTON



With trolley against screwdriver, dispense cable around pulley. Proceed back around opener sprocket as shown in Figure B (be sure sprocket teeth engage chain) and forward to threaded trolley shaft (See Figure C.)

Use second master link to connect chain to flat end of shaft. **Check to make sure the chain is not twisted.**

REMOVE THE SCREWDRIVER.



ATTACH SPROCKET COVER TO OPENER: Insert back tab in opener slot. Bend cover forward and insert front tab in slot on mounting plate.

TIGHTEN CHAIN/CABLE

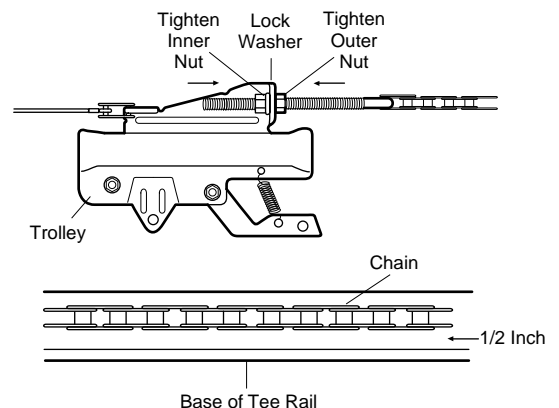
CAUTION: Keep the chain from twisting as nuts are turned.

Thread inner nut on the trolley in the direction shown. (loosen outer nut first if necessary.)

Tension is correct when chain is approximately 1/2" above base of Tee rail. midway between cable pulley bracket and opener. To maintain proper tension, tighten outer nut as shown.

Sprocket noise can result if chain is either too loose or too tight.

CAUTION: Do not overtighten chain. (See Page 6).



BEFORE BEGINNING INSTALLATION OF GARAGE DOOR OPENER, BE SURE TO COMPLY WITH ALL SAFETY RULES.

IT IS RECOMMENDED THAT THE OPENER BE INSTALLED 7 FEET OR MORE ABOVE FLOOR WHERE SPACE PERMITS.



KEEP GARAGE DOOR BALANCED. STICKING OR BINDING DOORS MUST BE REPAIRED. THE GARAGE DOOR, DOOR SPRINGS, CABLES, PULLEYS, BRACKETS AND THEIR HARDWARE ARE UNDER EXTREME TENSION AND CAN CAUSE SERIOUS PERSONAL INJURY. DO NOT ATTEMPT TO LOOSEN, MOVE OR ADJUST THEM. CALL FOR GARAGE DOOR SERVICE.



DO NOT WEAR WATCHES, RINGS OR LOOSE CLOTHING WHILE INSTALLING OR SERVICING A DOOR OPENER.

INSTALLATION STEP 1

Position and Install Header Bracket

Installation procedures vary according to garage door types. Follow the instructions which apply to your door.

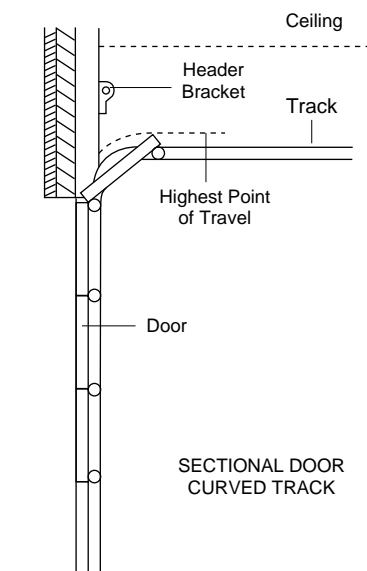


THE HEADER BRACKET MUST BE RIGIDLY FASTENED TO HEADER WALL. REINFORCE WALL WITH A 2x4 IF NECESSARY. FAILURE TO COMPLY MAY RESULT IN IMPROPER OPERATION OF SAFETY REVERSE SYSTEM (SEE PAGE 22).

SECTIONAL DOOR & 1-PIECE DOOR WITH TRACK

1. Close door and mark the inside vertical centerline of garage door.

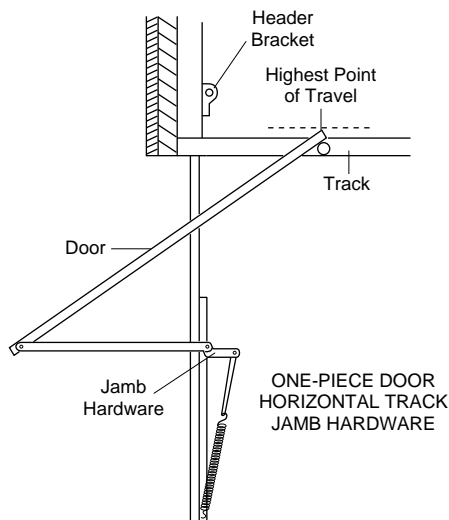
Extend the line onto header wall above door.



2. Open door to highest point of travel as shown. Draw an intersecting horizontal line on header wall 2" above high point. This height will provide travel clearance for top edge of door.

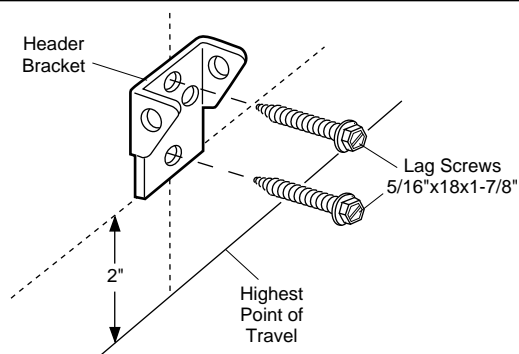
NOTE: When the headroom is not sufficient for 2" clearance, bottom edge of bracket may be positioned parallel to high point of travel.

Door Clearance Brackets are designed for low headroom installations (page 5). They replace top brackets and rollers on the garage door, thereby lowering the high point of door travel. Installation instructions are contained in the accessory carton.



3. Position bracket as shown (centered on vertical guideline with bottom edge of bracket on horizontal line).

Mark either top and bottom or left and right bracket holes. Drill 3/16" pilot holes and fasten bracket.



Proceed to Step 2, Page 11.

ONE-PIECE DOOR WITHOUT TRACK

PLEASE READ AND COMPLY WITH THE WARNINGS ON PAGE 10. THEY APPLY TO THE INSTALLATION OF THE HEADER BRACKET REGARDLESS OF DOOR TYPE.

1. Close door and mark inside vertical centerline of garage door. Extend line onto header wall above door.
2. Open door to highest point of travel as shown. Measure the distance from top of door to floor. Subtract actual height of door. Add 8" to remainder (See Example)

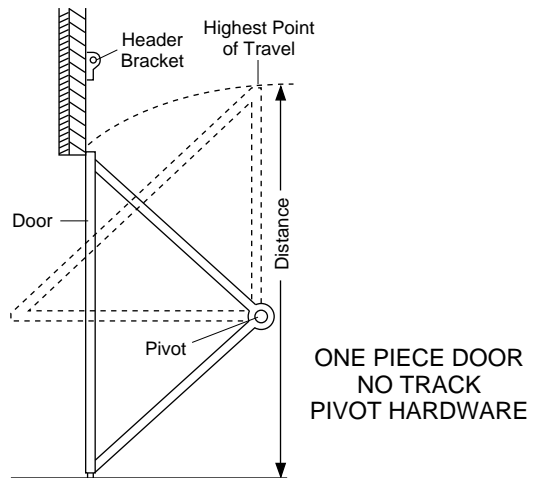
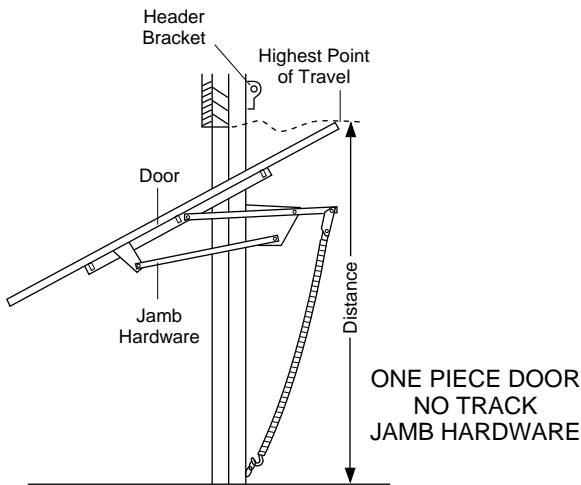
NOTE: If the total number of inches exceeds height available in garage, use the maximum height possible. On finished ceilings, do not position the bracket closer than 1/2" from ceiling.

EXAMPLE

Distance from top of door (at highest point of travel) to floor	92"
Actual height of door	- 88"
Remainder.....	4"
Add.....	+ 8"
Bracket height on header wall	= 12"

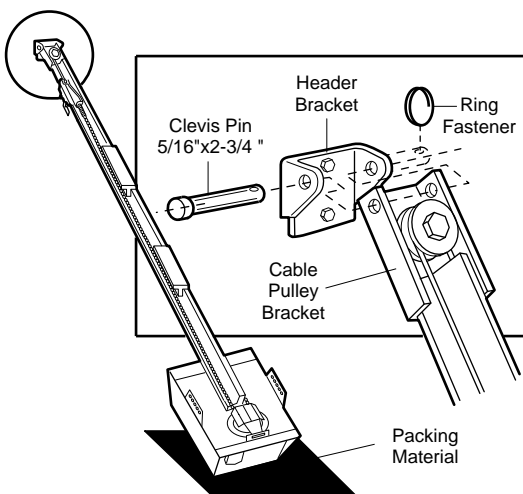
(Measure UP from top of CLOSED door.)

POSITION AND FASTEN HEADER BRACKET AS DESCRIBED AND SHOWN IN NO. 3 ON PAGE 10.



INSTALLATION STEP 2

**Attach Tee Rail to Header Bracket
(All Door Types)**



PROCEDURE: Position opener on garage floor below header bracket. Use packing material as a protective base.

NOTE: To enable Tee rail to clear sectional door springs, it may be necessary to lift opener onto a temporary support.

CAUTION: The opener must either be secured to a support or held firmly in place by another person.

Raise Tee rail until pulley and header brackets come together. Align bracket holes and join with clevis pin as shown. Insert ring fastener to secure.

INSTALLATION STEP 3

Position the Opener

Follow instructions which apply to your door type as illustrated.

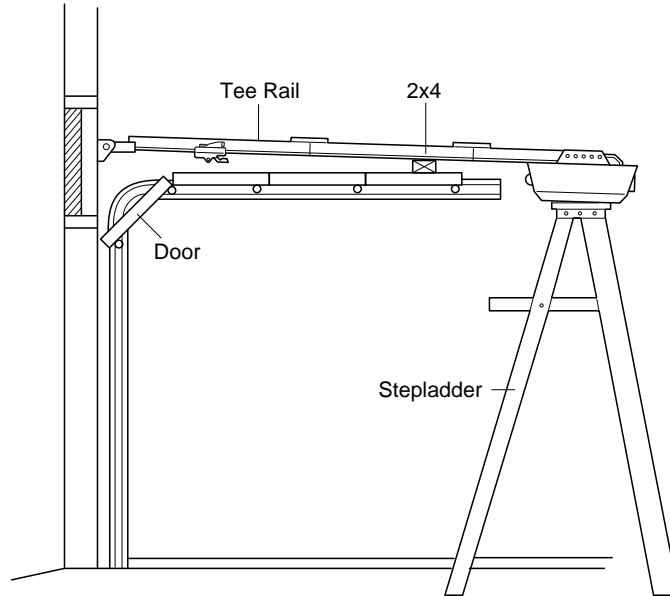


TO PREVENT DAMAGE TO ALL LIGHT-WEIGHT DOORS AND DOORS WITH WINDOWS, DO NOT REST THE OPENER ON THE DOOR.

INSTALLATION — SECTION DOOR & 1-PIECE DOOR WITH TRACK

NOTE: A 2x4 is convenient for setting an idea door-to Tee rail distance. It is not necessary when headroom is insufficient.

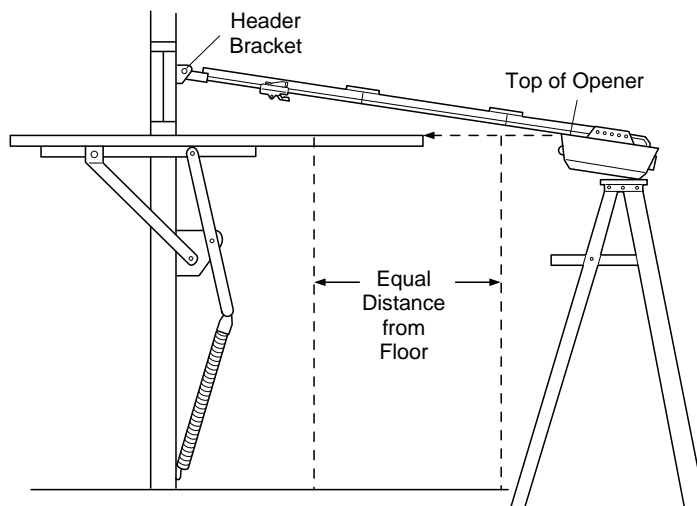
PROCEDURE: Raise the opener onto a stepladder. Open garage door. Place a 2x4 on the top section of door near centerline as shown. Rest Tee rail on 2x4 as shown.



INSTALLATION – 1-PIECE DOOR WITHOUT TRACK

PROCEDURE: Measure the distance from floor to top of door (in fully open position and parallel to the floor). Using a stepladder as a support, raise opener to the same distance from the floor (it will have a slight angle as shown).

The top of the door should be level with the top of opener. For maximum efficiency, do not position opener more than 2 inches above this point.



INSTALLATION STEP 4

Hang the Opener

THE OPENER MUST BE SECURELY FASTENED TO A STRUCTURAL SUPPORT OF THE GARAGE.

Three representative installations are shown. Yours may be different. Hanging brackets should be angled (Fig1) or crossed (Fig. 2) to provide rigid support. On finished ceilings (Fig. 3), attach a sturdy metal bracket (not supplied) to ceiling joists before installing opener.

PROCEDURE: Measure the distance from EACH side of the opener to structural support.

Cut both pieces of the hanging bracket to required lengths. Flatten one end of each bracket and bend or twist to fit the fastening angles. **Do not bend at the brackets holes.** Drill $\frac{3}{16}$ " pilot holes in the structural supports. Attach flattened ends of brackets to supports with $\frac{5}{16}$ "x1-7/8" lag screws.

Lift opener and fasten to hanging bracket as shown. Check to make sure Tee-rail is centered over door. REMOVE 2x4. Operate door manually. If door hits the rail, raise header bracket.

Grease the top and underside of rail surface on which trolley slides. A tube of grease is supplied.

FIGURE 2

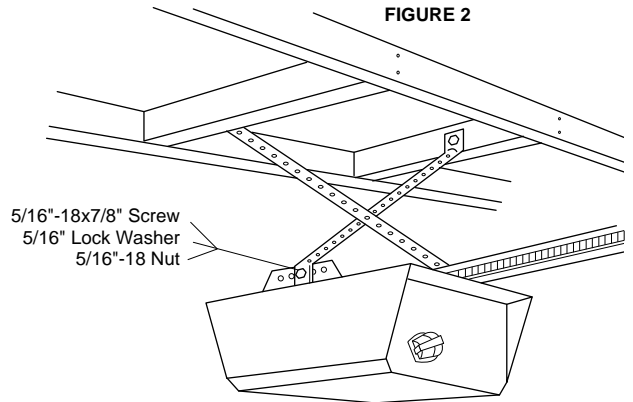


FIGURE 1

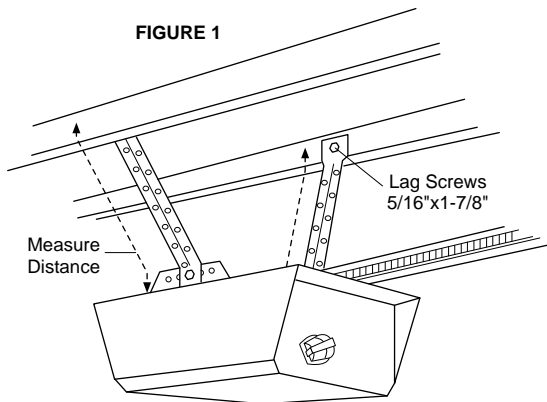
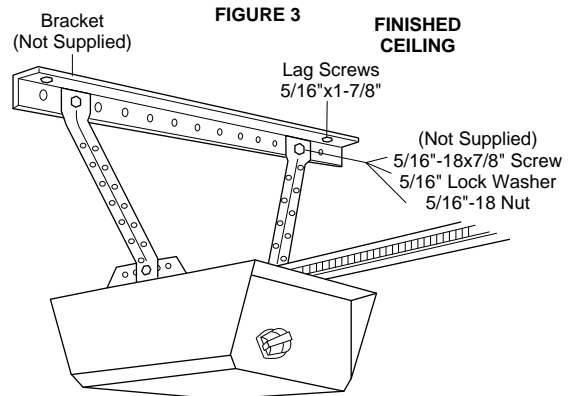


FIGURE 3





LOCATE WALL PUSH BUTTON (OR ANY ADDITIONAL PUSH BUTTONS) WHERE THE GARAGE DOOR IS VISIBLE, AWAY FROM DOOR AND DOOR HARDWARE AND OUT OF THE REACH OF CHILDREN.

SERIOUS PERSONAL INJURY FROM A MOVING GARAGE DOOR MAY RESULT FROM MISUSE OF OPENER.

DO NOT ALLOW CHILDREN TO OPERATE WALL PUSH BUTTON(S) OR REMOTE CONTROL TRANSMITTER.

FASTEN THE CAUTION LABEL ON THE WALL NEAR WALL PUSH BUTTON AS A REMINDER OF SAFE OPERATING PROCEDURES.

INSTALLATION STEP 5

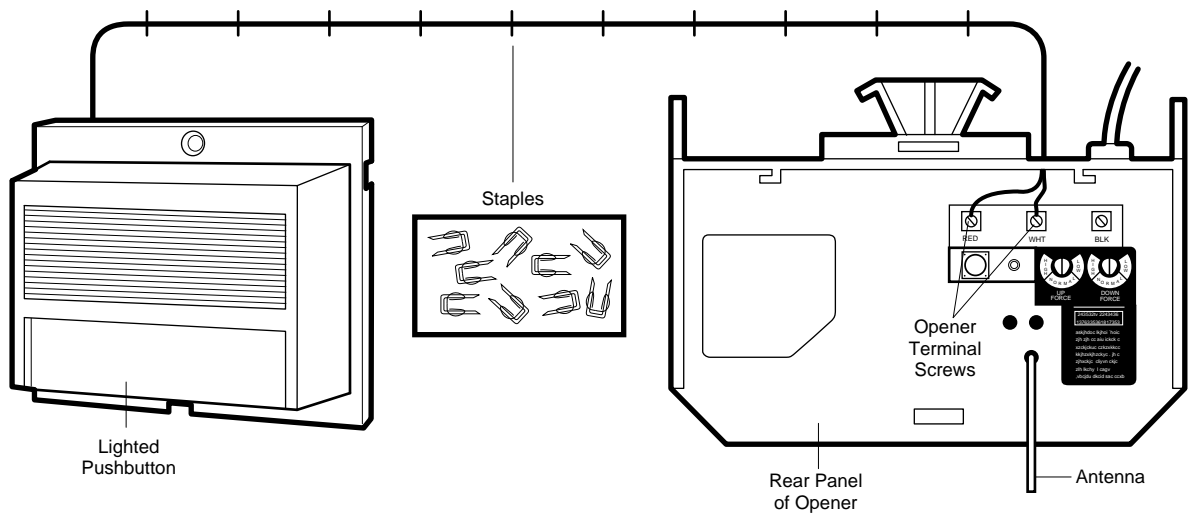
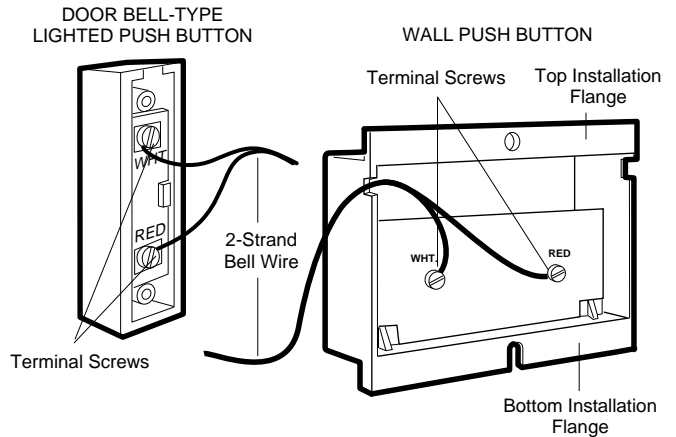
Install Wall Push Button

Remove about 1/4" of insulation from each end of 2-strand bell wire. Connect one end to the screw terminals on back of Wall Push Button (or doorbell-type push button) as shown. **NO POLARITY IS REQUIRED.**

Fasten the Wall Push Button with 6ABx1" sheet metal screws. The doorbell-type push button has 6ABx1-1/2" sheet metal screws. Use anchors if attaching to dry wall. Install on an inside garage wall. A convenient place is alongside the service door and **OUT OF THE REACH OF CHILDREN.**

Run bell wire up the wall and across the ceiling to the opener. Secure with insulated staples.

Receiver terminals and antenna are located on back panel of opener. Position antenna wire as shown. Then connect the wire by color to the white and red opener terminal screws.



OPERATION OF THE WALL PUSH BUTTON

Press to open or close door.

Press again to REVERSE door during the CLOSING cycle or to STOP door during OPENING cycle.

WIRING INSTRUCTIONS FOR ACCESSORIES

Outdoor Key Switch:

To red and white opener terminals

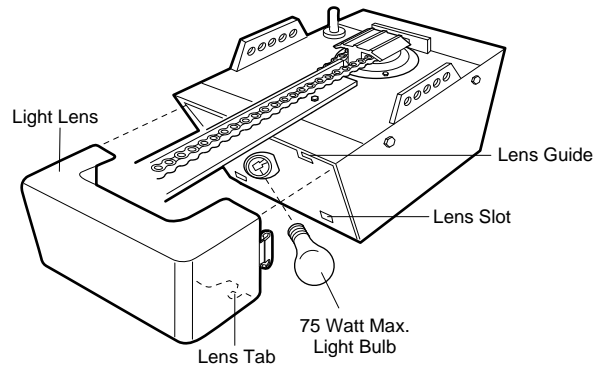
INSTALLATION STEP 6

Install Light and Lens:

Install a 75 watt maximum light bulb in socket. Light will turn ON and remain lit for 4-1/2 minutes when power is connected. Then light will turn OFF.

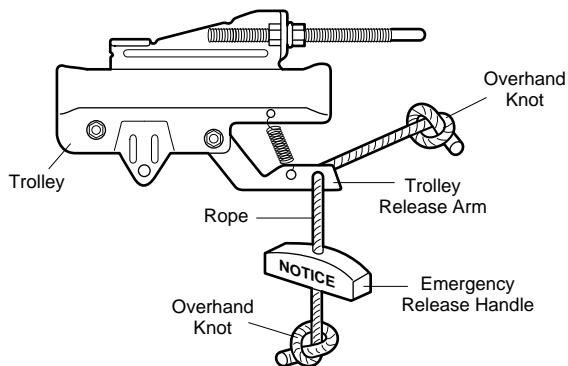
If bulb burns out prematurely due to vibration, replace with "Garage Door Opener" bulb.

INSTALL LENS: Slide lens into guides as shown. Snap bottom tabs into lens slots. For convenience, lens may be installed after adjustment Step 3 on Page 22.



INSTALLATION STEP 7

Attach Emergency Release Rope & Handle



USE EMERGENCY RELEASE ROPE ONLY TO DISENGAGE TROLLEY. DO NOT USE ROPE AND HANDLE TO PULL DOOR OPEN OR CLOSED.

PROCEDURE: Thread one end of rope through hole in top of red handle so "NOTICE" reads right side up as shown. Secure with an overhand knot.

NOTE: Knot should be at least 1" from the end of the rope to prevent slipping.

Thread other end of rope through hole in release arm of outer trolley. Adjust rope length so that handle is 6 feet above the floor. Secure with an overhand knot as above.

NOTE: If it is necessary to cut rope, heat seal cut end with a match or lighter to prevent fraying and/or raveling.

INSTALLATION STEP 8

Connect Electric Power

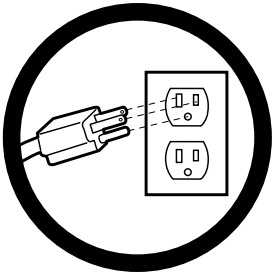


TO AVOID SERIOUS PERSONAL INJURY FROM ENTANGLEMENT, REMOVE ALL ROPES CONNECTED TO THE GARAGE DOOR BEFORE OPERATING OPENER.

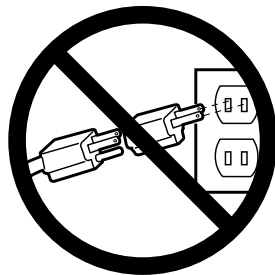
TO AVOID DAMAGE TO GARAGE DOOR AND OPENER, MAKE DOOR LOCKS INOPERATIVE BEFORE CONNECTING ELECTRIC POWER. USE A WOOD SCREW OR NAIL TO HOLD THE LOCKS IN "OPEN" (UNLOCKED) POSITION.

INSTALLATION AND WIRING MUST BE IN COMPLIANCE WITH LOCAL ELECTRICAL AND BUILDING CODES.

OPERATING AT OTHER THAN 120V 60Hz WILL CAUSE OPENER MALFUNCTION AND DAMAGE.



RIGHT



WRONG

Opener **MUST** be permanently wired or plugged into a grounded 3-prong receptacle wired according to local electrical codes. **DO NOT** use a 2-wired adapter. **DO NOT USE** an extension cord.

PROCEDURE FOR PERMANENT WIRING (if required by local codes)



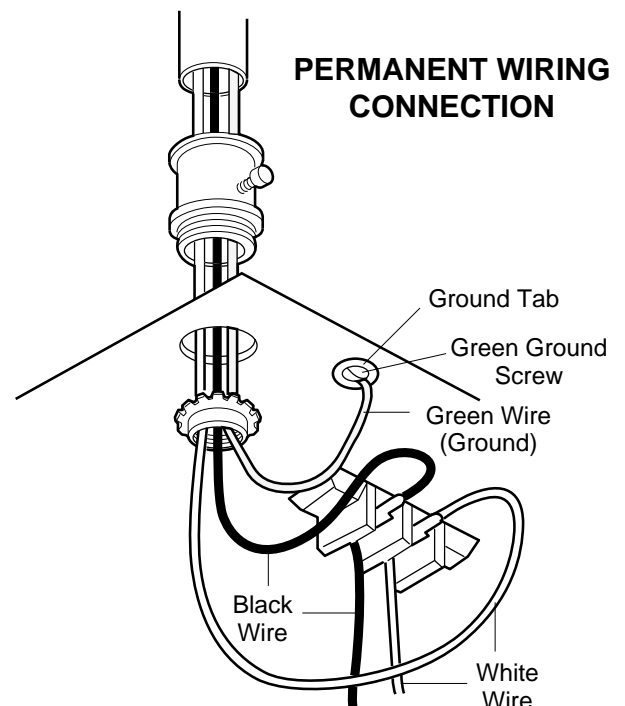
DISCONNECT THE POWER AT THE FUSE BOX BEFORE PROCEEDING.

Refer to illustration. Make connection through the 7/8" diameter hole in top of opener.

1. Remove opener cover screws and set cover aside.
2. Remove attached 3-prong cord.
3. Connect black (line) wire to black wire on terminal block; white (neutral) wire to white terminal wire; green (ground) wire to green ground screw.

CAUTION: BE SURE THAT THE UNIT IS GROUNDED ACCORDING TO LOCAL CODE.

IMPORTANT NOTE: TO AVOID INSTALLATION DIFFICULTIES, DO NOT RUN OPENER NOW.



INSTALLATION STEP 8

Fasten Door Bracket and Plate

Follow instructions which apply to your door type as illustrated below.



TO PREVENT DAMAGE TO LIGHTWEIGHT AND METAL GARAGE DOORS (OR ONES WITH GLASS PANELS), ALWAYS REINFORCE THE INSIDE OF DOOR—BOTH VERTICALLY AND HORIZONTALLY—WITH 2x4 BOARDS OR ANGLE IRON.

The horizontal brace should be at least 6 feet long. The vertical brace should cover height of top panel. The best solution is to check with your garage door manufacturer for a door reinforcement kit for an opener installation.

Sectional Door Installation Procedure

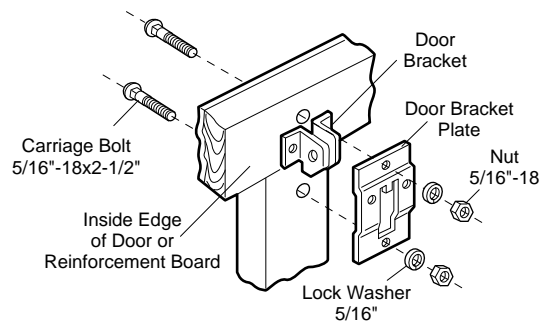
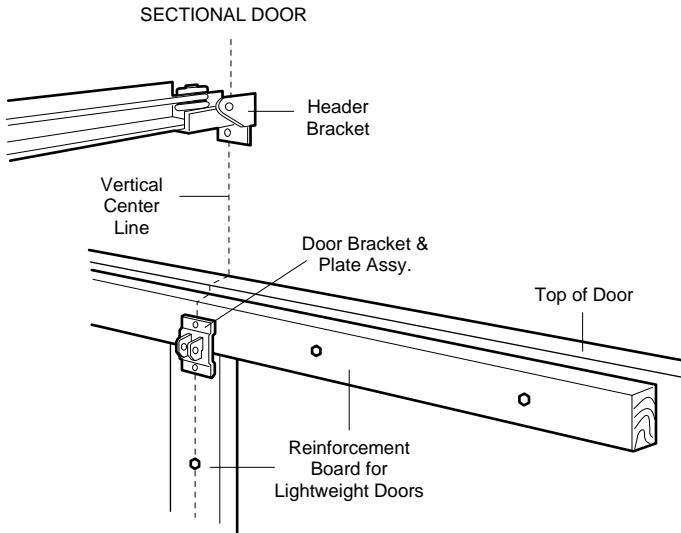
Assemble door bracket and plate as shown. Center bracket on previously marked vertical guideline (or up to one foot left or right of center if necessary).

Position the bracket assembly on the face of the door within the following limits:

- A) The top edge of the bracket 2"-4" below top edge of door.
- B) Directly below any structural support across top of door.

Placement depends on your particular needs.

Mark and drill 5/16" TOP and BOTTOM fastening holes. Secure bracket as shown.

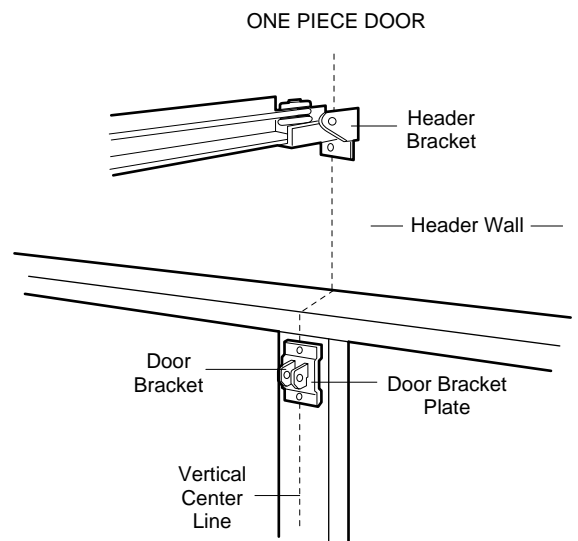
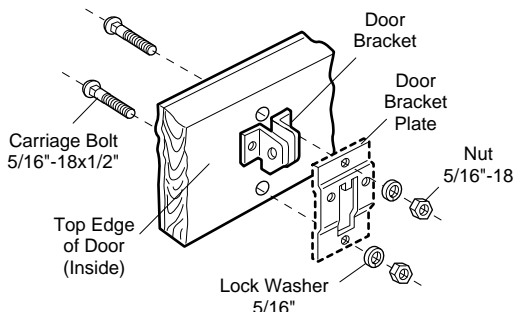


All One-Piece Door Installation Procedure

NOTE: Door bracket has left and right side fastening holes. Assemble and install the door bracket and plate if your installation requires top and bottom fastening holes.

Center bracket (with or without plate as required) at the top of the inside face of door as shown. Mark holes.

Drill 5/16" holes and fasten the door bracket with hardware supplied.



INSTALLATION STEP 10

Connect Door Arm to Trolley

Follow only those instructions which apply to your door type.

SECTIONAL DOORS ONLY

Make sure garage door is closed tight. Pull the emergency release handle to disconnect the trolley. Manually move outer trolley back to the center of inner trolley as shown in figures A, B and C.

FIG. A: Fasten straight door arm section to outer trolley with a clevis pin. Secure the connection with a ring fastener.

Fasten curved section to the door bracket in the same way.

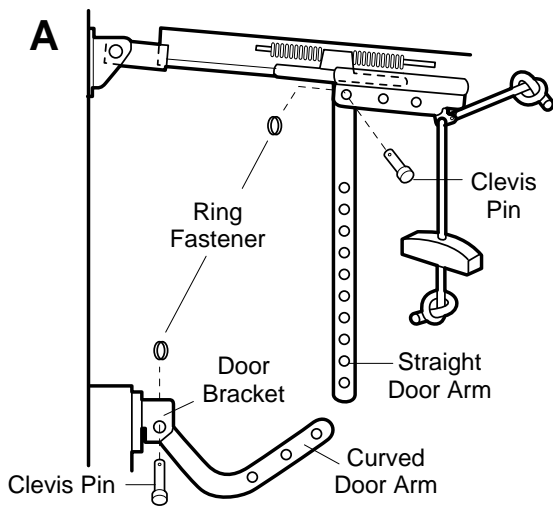


FIG. B: Bring arm sections together. Find two pairs of holes that line up and join sections.

Select holes as far apart as possible to increase door arm rigidity.

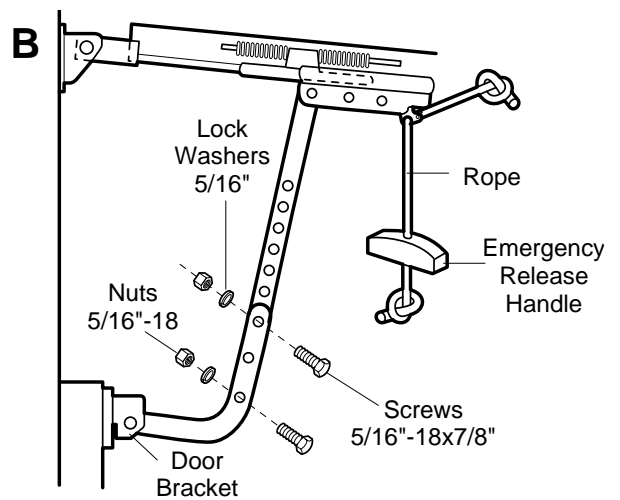
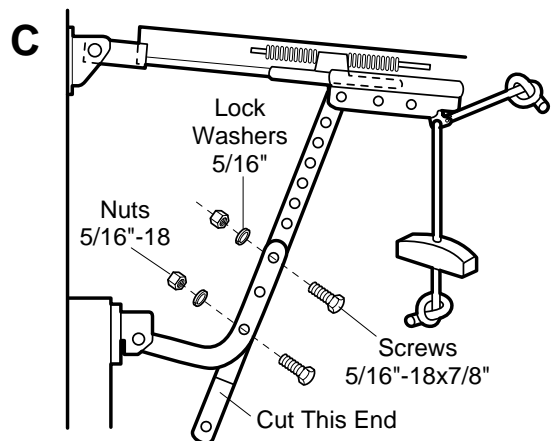


FIG. C: If holes in curved arm are ABOVE holes in straight arm, disconnect straight arm. Cut about 6" from the solid end. Reconnect to trolley with CUT END DOWN as shown.

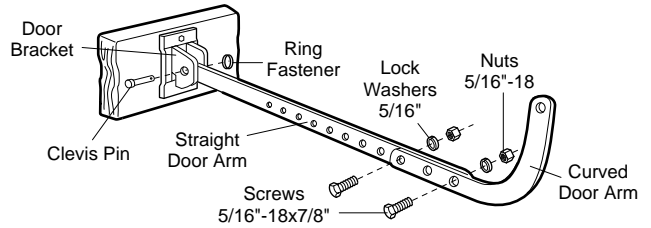
Bring arm sections together. Find two pairs of holes that line up and join with screws, lock washers and nuts.



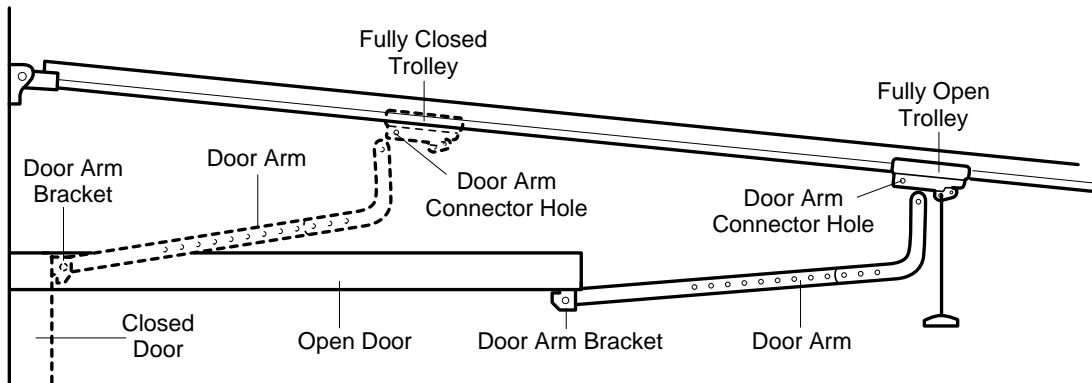
Proceed to Step 1, page 20. Trolley will re-engage automatically when opener is operated

ALL ONE-PIECE DOORS

ASSEMBLE DOOR ARM: Fasten straight and curved door arm sections together to their longest possible. With door closed, connect straight door arm section to door bracket with a clevis pin. Secure with a ring fastener.



Before connecting door arm to trolley, limits of travel must be adjusted on one-piece doors. Limit adjustment screws are located on left side panel as shown in illustration on page 20. Follow procedures below.



ADJUSTMENT PROCEDURES

OPEN DOOR ADJUSTMENT

Decrease UP limit. Turn UP limit adjustment screw counterclockwise 4 complete turns.

Press Wall Push Button. Trolley will travel to full open position.

Manually raise door arm to open position (parallel to floor) and lift door arm to trolley. The arm should touch trolley just in back of door arm connector hole as shown in **solid line** drawing. If arm does not extend far enough, adjust limit further. One full turn equals 2" of door travel.

CLOSED DOOR ADJUSTMENT

Decrease DOWN limit. Turn DOWN limit adjustment screw clockwise 8 complete turns.

Press Wall Push Button. Trolley will travel to full closed position.

Manually close door and lift door arm to trolley. The arm should touch trolley just ahead of door arm connector hole as shown in **dotted line** drawing. If arm is behind the connector hole, adjust limit further. One full turn equals 2" of door travel.

CONNECT DOOR ARM TO TROLLEY: With door closed, join curved arm to connector hole in trolley with remaining clevis pin. Secure with ring fastener. NOTE: It may be necessary to lift door slightly to make connection.

Run opener through a complete travel cycle. If door has a slight 'backward' slant in full open position, decrease UP limits until door is parallel to floor.

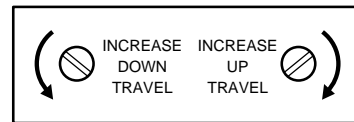
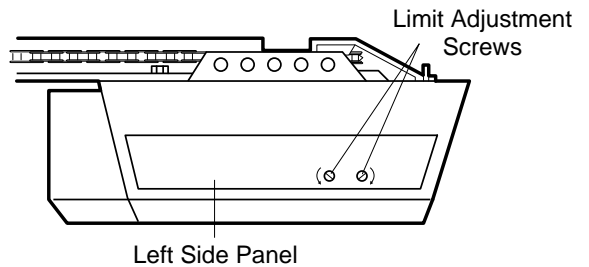
ADJUSTMENT STEP 1

Adjust UP and DOWN Limits

LIMIT ADJUSTMENT settings regulate the points at which the door will stop when moving up or down.

NOTE: Door STOPS in the UP direction if anything interferes with door travel. Door REVERSES in the DOWN direction if anything interferes with the door travel (including binding or unbalanced doors)

PROCEDURE: To operate the opener, press the Wall Push Button or transmitter. Run the opener through a COMPLETE TRAVEL CYCLE. No limit adjustments are necessary when the door opens and closes completely and doesn't reverse unintentionally when fully closed.



Adjustment Label

The following chart outlines adjustments procedures. Run the opener through a COMPLETE TRAVEL CYCLE AFTER AFTER EACH ADJUSTMENT.

NOTE: REPEATED OPERATION OF THE OPENER DURING ADJUSTMENT PROCEDURES MAY CAUSE MOTOR TO OVERHEAT AND SHUT OFF. SIMPLY WAIT 15 MINUTES AND TRY AGAIN.

Read the chart carefully before proceeding to step 2. Use a screwdriver to make limit adjustments.

LIMIT ADJUSTMENT CHART

IF DOOR DOES NOT OPEN COMPLETELY BUT OPENS AT LEAST FIVE FEET

Increase UP travel. Turn the UP LIMIT adjustment screw clockwise. One turn equals 2" of travel.

If door does not open at least 5 feet: Adjust UP (OPEN) FORCE as explained in step 2.

IF DOOR DOES NOT CLOSE COMPLETELY

INCREASE down TRAVEL. Turn down limit adjustment screw counterclockwise. One turn equals 2" of travel.

If the door still will not close completely, the header bracket is positioned too high. See Step 1, page 10.

IF OPENER REVERSES IN FULLY CLOSED POSITION.

Decrease DOWN travel. Turn down limit adjustment screw clockwise. One turn equals 2 inches of travel.

IF DOOR REVERSES WHEN CLOSING AND THERE IS NO INTERFERENCE TO TRAVEL CYCLE

Test door for binding: Pull emergency release handle. Manually open and close door. If door is binding, call for garage door service. If door is not binding or unbalanced, adjust DOWN (CLOSE) FORCE. See Step2.

ADJUSTMENT STEP 2

Adjust Force

Force Adjustment Controls are located on rear panel of opener. FORCE ADJUSTMENT settings regulate amount of the power required to open and close door.

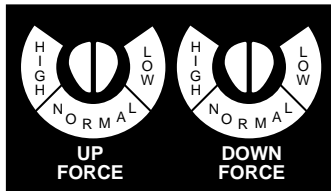
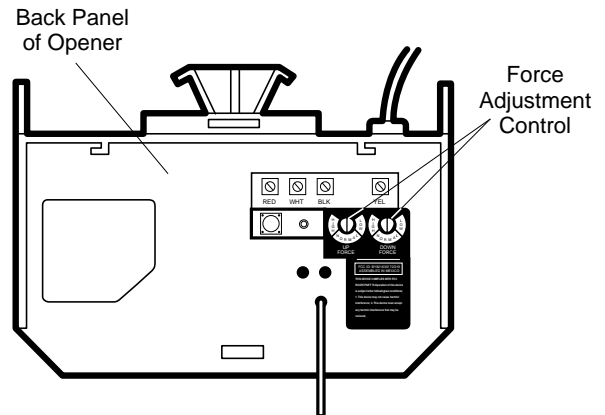
NOTE: The door STOPS in the UP direction if anything interferes with its travel. Door REVERSED in the DOWN direction if anything interferes with its travel (including binding or unbalanced doors).

If the force adjustments are set too light, door travel may be interrupted by nuisances reversals in DOWN direction and stops in UP direction. Weather conditions can affect the door movement, so occasional adjustment may be needed.

Maximum force adjustment range is 260 degrees, about 3/4 of a complete turn. Do not force controls beyond that point. Turn force adjustment controls with a screwdriver.



DO NOT USE FORCE ADJUSTMENTS TO COMPENSATE FOR A BINDING OR STICKING GARAGE DOOR. EXCESSIVE FORCE WILL INTERFERE WITH PROPER OPERATION OF SAFETY REVERSE SYSTEM OR DAMAGE GARAGE DOOR.



Adjustment Label

FORCE ADJUSTMENT CHART

TEST DOWN (CLOSE) FORCE

Grasp the door handle or door bottom when door is about halfway through DOWN (CLOSE) TRAVEL. Door should reverse. If the door is hard to hold or doesn't reverse, decrease DOWN(CLOSE) FORCE by turning the control in a counterclockwise direction. Make 10 degree turn adjustments until door reverses normally. After each adjustment, run opener through a complete cycle.

PROCEED TO STEP 3

IF DOOR DOESN'T OPEN AT LEAST 5 FEET

Increase UP (OPEN) FORCE by turning the control in a clockwise direction. Make 10 degree turn adjustments until door opens completely. Readjust UP LIMIT if necessary. After adjustment, run opener through a complete travel cycle.

IF DOOR REVERSES DURING DOWN (CLOSE) CYCLE

Increase DOWN (CLOSE) FORCE by turning control clockwise. Make 10 degree turn adjustments until door completes close cycle. After each adjustment, run the opener through a complete travel cycle.

ADJUSTMENT STEP 3

Test Safety Reverse System

PROCEDURE: Place a one-inch obstacle on the floor under the garage door. Operate door in DOWN direction. The door **MUST** reverse on the obstruction.

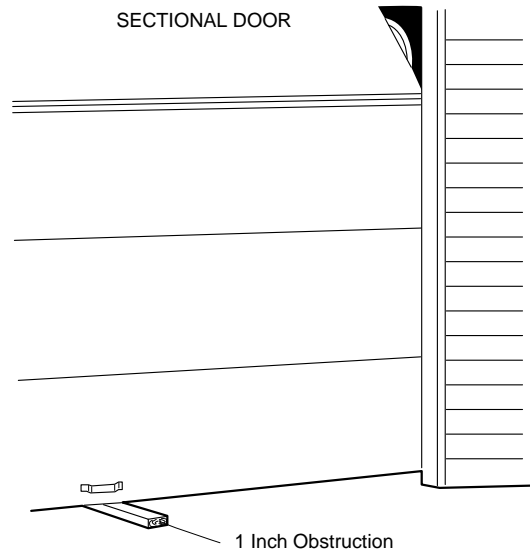
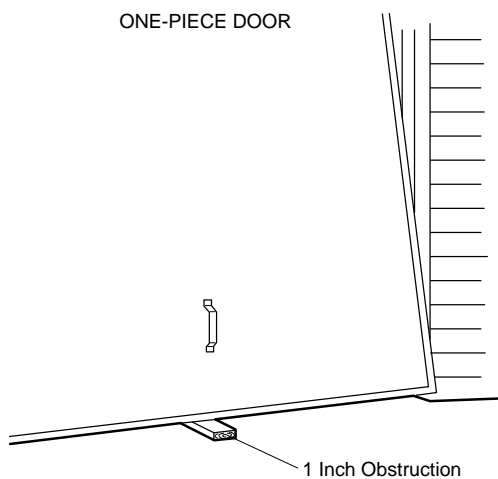
If the door **STOPS** on the obstruction, it is not traveling far enough in the DOWN direction. Increase the DOWN limit by turning DOWN limit adjustment screw counterclockwise 1/4 turn. **REPEAT TEST.**

NOTE: Make sure limit adjustments do not force the door arm beyond a straight up and down position. See the illustration on Page 18.

When the door reverses on the one-inch obstacle, remove the obstruction and run the opener through 3 or 4 complete travel cycles to test the adjustment. Door **MUST NOT** reverse in closed position. Repeat Adjustment Steps 1, 2 and 3 if necessary.



THE SAFETY REVERSE SYSTEM TEST IS IMPORTANT. GARAGE DOOR MUST REVERSE ON CONTACT WITH ONE-INCH OBSTACLE PLACED ON THE FLOOR. FAILURE TO PROPERLY ADJUST OPENER MAY RESULT IN SERIOUS PERSONAL INJURY FROM A CLOSING GARAGE DOOR. REPEAT TEST ONCE A MONTH AND ADJUST AS NEEDED.



REPEAT ADJUSTMENT STEP 3 AFTER:



- EACH ADJUSTMENT OF DOOR ARM LENGTH, CLOSE FORCE OR DOWN LIMIT.
- ANY REPAIR OR ADJUSTMENT OF GARAGE DOOR (INCLUDING SPRINGS AND HARDWARE)
- ANY REPAIR OR BUCKLING OF THE GARAGE FLOOR.
- ANY REPAIR OR ADJUSTMENT OF THE GARAGE DOOR OPENER.

Radio Controls

D.O.C. rules prohibit adjustments to or modification of receiver and transmitter circuitry except for changing the code setting and replacing the transmitter battery. THERE ARE NO OTHER USER SERVICEABLE PARTS.

Manufactured under 1 or more of the following U.S. patents: RE29,525; 4,037,201; 4,750,118; 4,806,930.



ACTIVATE THE OPENER ONLY WHEN DOOR IS FULL VIEW, FREE OF OBSTRUCTION AND PROPERLY ADJUSTED. NO ONE SHOULD ENTER OR LEAVE GARAGE WHILE DOOR IS IN MOTION. DO NOT ALLOW CHILDREN TO OPERATE REMOTES OR WALL PUSH BUTTONS. DO NOT ALLOW CHILDREN TO PLAY NEAR THE DOOR.

Your garage door opener (with RECEIVER 'SR' CODE BUTTON) has been factory set to operate with the LARGE push button on the transmitter. The 3-function transmitter(s) can also activate additional garage door openers and Models 18725 and 18727 light products.

Instruction are given below for matching the code in Model 18778 transmitters, changing your code selection or using the transmitter(s) with other receivers.

MATCH/CHANGE THE CODE IN TRANSMITTER(S)

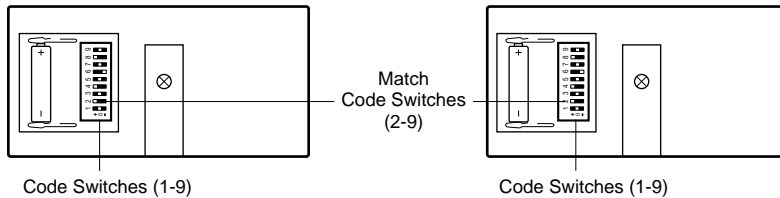
SET CODE SWITCHES IN ALL TRANSMITTERS TO MATCHING POSITIONS

Locate the code switches in transmitter(s) by sliding battery compartment cover back.

With a pen or screwdriver, change the setting of one or more switch (to a (+), (-) or (0) position).

NOTE: Code switches 2 through 9 in ALL transmitters used to operate a receiver must be set to match. (Code switch 1 on a 3-function transmitter is neutral. Set of to ANY position. It will not affect the code selected).

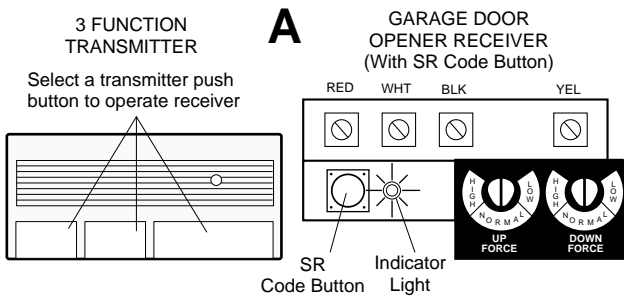
3-Function Transmitters - Model 139.18778



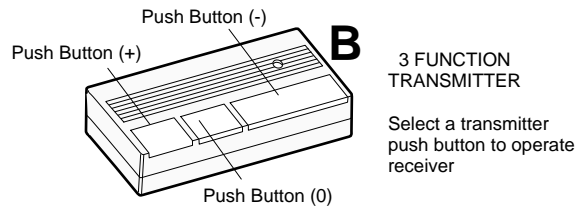
SET RECEIVER TO MATCH TRANSMITTER(S) CODE

Garage Door Openers (with receiver code button)

(Illustration A shows a garage door opener receiver)



Light Control Products (Models 18725 & 18727) (Illustration B shows representative code switches)



1. Press the RECEIVER SR code button on the back panel of opener (Illustration A.) The indicator light will turn ON.
2. **STAND AWAY FROM THE DOOR** and press the selected push button on the transmitter.

CAUTION: Door will begin to move immediately if any transmitter has been activated

If this occurs, wait until the door has completed its UP or DOWN cycle. Then begin again at step 1.

This indicator light will turn OFF and door will move. Receiver and transmitter codes now match and the opener will operate with the selected push button on the transmitter.

NOTE: If transmitter push button is not pressed within 30 seconds, the indicator light will turn OFF. Begin again at Step 1.

TO USE THE TRANSMITTER(S) WITH OTHER 'SR' CODE BUTTON RECEIVERS: Select another transmitter push button to operate an additional garage door opener. Make sure all transmitters used to operate receiver are set to the same code. Repeat Steps 1 and 2.

Receiver Code Switches



With code switch #1 set in the (-) position, receiver will operate with transmitters' large push button

LIGHT CONTROL PRODUCTS (With Receiver Code Switches)

Slide receiver code switch #1 to position that matches selected transmitter push button (+, 0 or -)

Make sure all transmitters are set to matching code switch positions as described above.

1. Select a transmitter push button to operate the receiver as shown in Figure B
2. Locate receiver code switches. Set code switch #1 to match transmitter (+), (-) or (0). Refer to illustration (B)
3. Hold a transmitter (with code switches visible) alongside the receiver. Beginning with RECEIVER code switch #2, match the position of each transmitter switch.

Having a Problem?

Review Pages 2 and 3 Before Proceeding

SITUATION

PROBABLE CAUSE & SOLUTION

OPENER DOESN'T OPERATE FROM WALL PUSH BUTTON OR TRANSMITTER

1. Have you disengaged all door locks? Review Step 8, page 16.
2. Does the opener have electric power? Plug a lamp into the outlet. If it doesn't light, check fuse box or circuit breaker. (Some outlets are controlled by a wall switch.)
3. Repeated operation may have tripped the overload protector in the motor. Wait 15 minutes. Try again.
4. Is there a build-up of ice or snow under door? Door may be frozen to ground. Remove any obstruction.
5. Remove bell wire from opener terminals. Short red and white terminals by touching both terminals at same time with a piece of metal (screwdriver or coin). If opener runs, check for a faulty wire connection at Wall Push Button or a short under staples.

OPENER OPERATES FROM TRANSMITTER BUT NOT FROM WALL PUSH BUTTON

1. Is Wall Push Button lit? If not, refer to No. 5 above.
2. Are wiring connections correct? Review Step 5, page 14.

DOOR OPERATES FROM WALL PUSH BUTTON BUT NOT FROM THE TRANSMITTER

1. Does the battery test light glow when transmitter push button is pressed? If not, replace the battery.
2. If you have two transmitters and only one operates, review the code setting procedures on page 23. ALL transmitters must be set to same code.
3. Is transmitter(s) operating any other remote control devices? See the code setting procedures on page 23.
4. Did you press the transmitter button designated to operate garage door opener?

TRANSMITTER HAS SHORT RANGE

1. Check battery test light. If the light is dim, change the battery.
2. Change the location of the transmitter in the car.
3. A metal garage door, foil-backed insulation or metal siding will reduce the transmission range. An antenna extender kit is available from any Sears store or service center.
4. Check to be sure antenna on the rear panel of opener extends fully downward.

THE GARAGE DOOR OPENS AND CLOSES BY ITSELF

1. Is there a neighbor with a garage door opener using the same frequency code? Change your code. Review page 23.
2. Make sure that none of the transmitter push buttons is stuck in the "down" position.
3. Remove bell wire from opener terminals and operate from transmitter only. If this solves the problem, the Wall Push Button is faulty (replace), or there is a short or broken wire between Wall Push Button and opener.

DOOR DOESN'T OPEN COMPLETELY

1. Is something obstructing the door?
2. If door opens at least 5 feet, travel limits may need to be increased. One turn equals 2 inches of travel. See page 20.
REPEAT SAFETY REVERSE TEST after the adjustment is complete.
3. If door has been working properly but now doesn't open all the way, increase the UP FORCE. See page 21.
REPEAT SAFETY REVERSE TEST after the adjustment is complete.

DOOR DOESN'T CLOSE COMPLETELY

1. Is something obstructing the door?
2. Review the Travel Limits Adjustment Chart on page 20.
REPEAT SAFETY REVERSE TEST after any adjustment of door arm length, close force or down limit.

Having a Problem? (Continued)

SITUATION

PROBABLE CAUSE & SOLUTION

DOOR REVERSES FOR NO APPARENT REASON

1. Is something obstructing the door? Pull red emergency release handle. Operate door manually. If it is unbalanced or binding, call for professional garage door service.
2. Clear any ice or snow from garage floor area where garage door closes.
3. Review the Force Adjustment Chart on page 21.
REPEAT SAFETY REVERSE TEST after adjustment is complete.
4. If door reverses in FULLY CLOSED position, decrease travel limits (Page 20).
REPEAT SAFETY REVERSE TEST after the adjustment is complete. THE NEED FOR OCCASIONAL ADJUSTMENT OF THE FORCE AND LIMIT SETTINGS IS NORMAL. WEATHER CONDITIONS IN PARTICULAR CAN AFFECT DOOR TRAVEL.

OPENER LIGHT

DOES NOT TURN ON

1. Replace the light bulb (75 watts maximum). Use a "garage door opener bulb" if standard bulb burns out prematurely due to vibration. Vibration may be caused by loose end panel. Retighten screws.

DOES NOT TURN OFF

1. There may be a defective ground at ceiling or wall receptacle.
UNIT MUST BE GROUNDED.

OPENER STRAINS OR MAXIMUM FORCE IS NEEDED TO OPERATE DOOR

1. Door may be out of balance or springs are broken. **Close door** and use emergency release rope and handle to disconnect trolley. Open and close door manually. A properly balanced door will stay in any point of travel while being supported entirely by its springs. If it does not, call for professional garage door service.

OPENER MOTOR HUMS BRIEFLY, THEN WON'T WORK

1. Garage door springs are broken. SEE ABOVE.
2. The trolley may be jammed into stop bolts. Pull or push on door while motor is humming to release jammed condition. Re-adjust door limits (page 20) to prevent over-travel.
REPEAT SAFETY REVERSE TEST after adjustment is complete.
3. If the problem occurs on first operation of the opener, door is locked. DISABLE DOOR LOCK. If chain was removed and reinstalled, motor may be out of phase. Remove chain; cycle motor to the down position. Observe drive sprocket. When it turns in clockwise direction and stops in down position, reinstall chain.
REPEAT SAFETY REVERSE TEST after adjustment is complete.

OPENER WON'T OPERATE DUE TO POWER FAILURE

1. Use emergency release rope and handle to disconnect trolley. Door can be opened and closed manually. When the power is restored, press the Wall Push Button and trolley will automatically reconnect. Refer to Page 5 for "Lockout" feature.
2. The emergency release Key Lock accessory (for use on garages with no service door) disconnects the trolley from outside the garage in case of power failure.

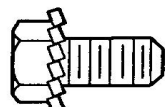

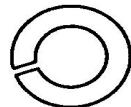
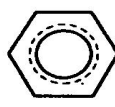
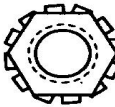
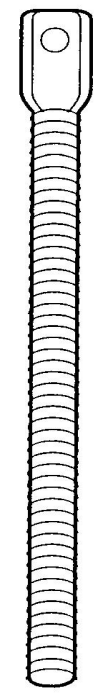
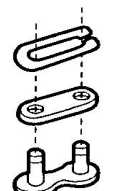
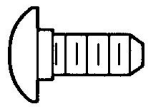

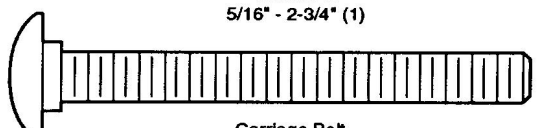


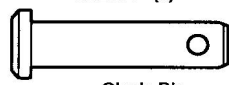
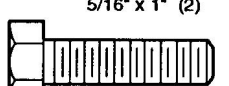
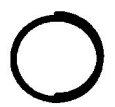


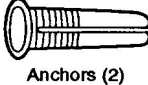



CHAIN DROOPS OR SAGS

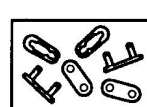

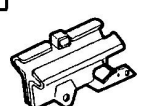
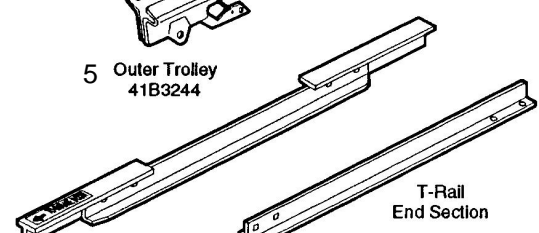
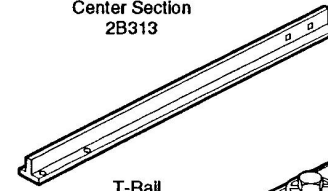
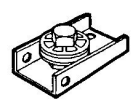
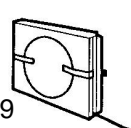
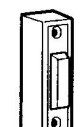

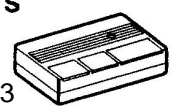
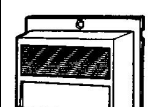
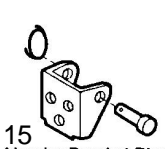


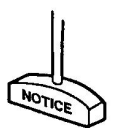
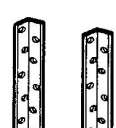
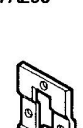

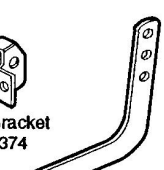

1. It is normal for chain to droop slightly in the closed door position. Use emergency release rope and handle to disconnect trolley. If chain returns to normal height when the trolley is disengaged and door reverses on a one-inch obstruction, no adjustments are needed (see page 9).

OPENER NOISE IS DISTURBING IN LIVING QUARTERS OF HOME

1. If operational noise is a problem because of proximity of the opener to the living quarters, Vibration Isolator Kit 41A3263 can be ordered from any Sears Service Center and most Sears Stores. This kit was designed to eliminate the "sounding board effect" and is easy to install.

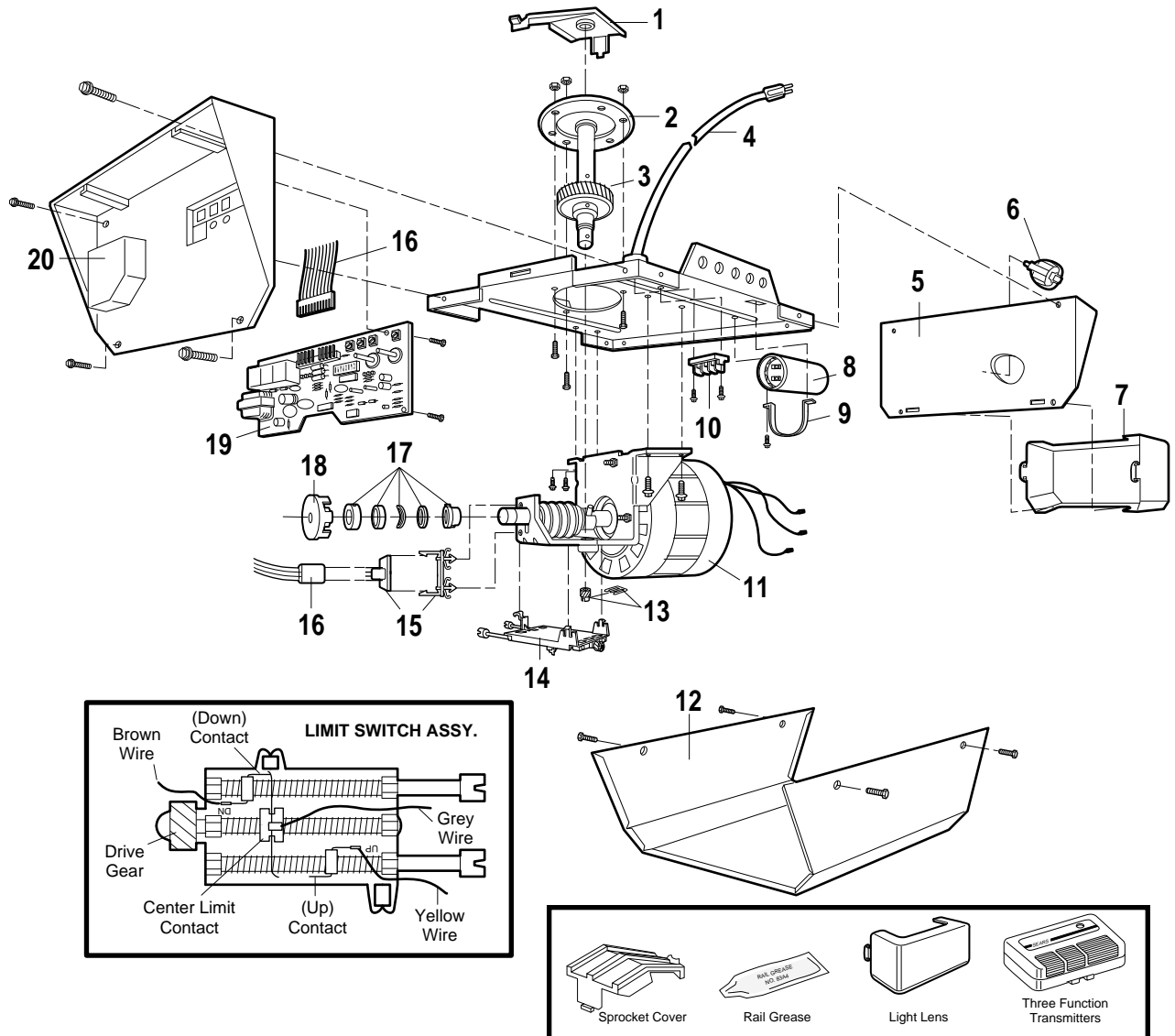
SEPARATE ALL HARDWARE FOR ASSEMBLY AND INSTALLATION PROCEDURES AS SHOWN BELOW

ASSEMBLY HARDWARE	INSTALLATION HARDWARE
<p>1 Rail Assembly Hardware Kit #41A3534</p>	<p>2 Installation Hardware Bag #41A3535</p>
 <p>Washed Screw 5/16" - 18 x 1/2" (2) (mounted in chassis)</p>  <p>Hex Screw 5/16" - 18 x 7/8" (3)</p>  <p>Lockwasher 5/16" (4)</p>  <p>Nut 5/16" - 18 (5)</p>  <p>Lock Nut 1/4" - 20 x 7/16" (4)</p>  <p>Threaded Trolley Rod (1)</p>  <p>Master Link (2)</p>  <p>Carriage Bolts 1/4" - 20 x 1/2" (4)</p>	 <p>Clevis Pin 5/16" - 2-3/4" (1)</p>  <p>Carriage Bolt 5/16" - 18 x 2/1/2" (2)</p>  <p>Lag Screw 5/16"-18 x 1-7/8" (4)</p>  <p>Screw 6AB x 1" (2)</p>  <p>Clevis Pin 5/16" x 1" (2)</p>  <p>Hex Screw 5/16" - 18 x 7/8" (4)</p>  <p>Ring Fastener (3)</p>  <p>Rope</p>  <p>Handle</p>  <p>Anchors (2)</p>  <p>Lockwasher 5/16" (6)</p>  <p>Insulated Staples (10)</p>  <p>Nut 5/16" - 18 (6)</p>

RAIL ASSEMBLY PARTS	INSTALLATION PARTS
<p>3 Master Link Kit 1A995</p>  <p>4 Inner Trolley with Threaded Rod 41B3243</p>  <p>5 Outer Trolley 41B3244</p>  <p>6 T-Rail Center Section 2B313</p>  <p>7 T-Rail End Section (each) 183B93</p>  <p>8 Cable Pulley Bracket Assy. 41B2616</p>  <p>9 Chain and Cable 41A3473</p>  <p>NOT SHOWN Owner's Manual 114A153910</p>	<p>11 Doorbell-type Lighted Push Button (Model 18315SR only) 41A2756</p>  <p>12 12 Volt Battery 10A14</p>  <p>13 Three-Function Transmitter Case, Cover & Screw Assembly (circuit board not included) 41A3476</p>  <p>14 Wall Push Button (Model 18205SR) 41A3472-1</p>  <p>15 Header Bracket Plus Clevis and Fastener 41A2829</p>  <p>16 Remote Control Transmitter Visor Clip 29C128</p>  <p>17 2 Strand Bell Wire 217A238</p>  <p>18 Manual Release Rope & Handle Assembly 41A2828</p>  <p>19 Hanging Brackets 12B350</p>  <p>20 Door Bracket Plate 12B380</p>  <p>21 Door Bracket 12B374</p>  <p>22 Curved Door Arm Section 178B35</p>  <p>23 Straight Door Arm Section 178B34</p> 

Repair Parts

Chassis Assembly Parts List



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	31C290	Sprocket cover	11	41D3058	Universal replacement motor and bracket assembly
2	41A2827	Gear and sprocket assy Complete with: Spring washer Thrust washer Retaining ring Bearing plate Roll pins (2) Drive gear Worm gear Grease			
3	41A2817	Drive/worm gear kit w/grease Roll Pins (2)	11	41D3058	Universal replacement motor and bracket assembly Complete with: Motor, worm bracket, bearing assembly, RPM sensor
4	41B2991-1	Line cord	12	41A3474-1	Cover (1/2 hp)
5	41A3075	End panel		41A3474-2	Cover (1/3 hp)
6	175B88	Light socket	13	41A2818	Helical gear & retainer w/grease
7	108D30-1	Lens	14	41D3452	Limit switch assembly
8	30B363	Capacitor - 1/2 HP	15	41C3005	RPM sensor assembly
	30B387	Capacitor - 1/3 HP	16	41C2726	Wire harness assy. w/plug
9	12A373	Capacitor bracket	17	41A2826	Shaft bearing kit
10	41A3150	Terminal block w/screws	18	41A2822	Interrupter cup assy.
			19	41A3625	Receiver logic board assy.r Complete with: Logic board End panel w/all labels
			20	41A3694	End panel w/all labels NOT SHOWN 41A2825 Chassis assy. hardware kit (includes screws not designated by a number in illustration)

**Garage Door
Opener Models:
139.18205SR
139.18203SR**

HOW TO ORDER REPAIR PARTS

Now that you have purchased your Sears Garage Door Opener, should a need ever exist for repair parts or service, simply contact any Sears Service Center and most Sears Canada, Inc. stores. Be sure to provide all pertinent facts when you call or visit.

The MODEL NUMBER of your garage door opener is printed on a label located on the front panel of the opener chassis.

All parts listed may be ordered from any service center and most Sears stores.

TO ORDER REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- PART DESCRIPTION
- MODEL NUMBER
- NAME OF ITEM

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for handling.

IMPORTANT NOTE: If you suspect radio control malfunction, contact your nearest SEARS Service Center.

SEARS WARRANTY

FULL 90 DAY WARRANTY ON GARAGE DOOR OPENER

When the garage door opener is installed, adjusted and operated in accordance with our instructions, Sears will, for a period of 90 days from the date of purchase, repair any defect in workmanship in the garage door opener at no charge.

LIMITED WARRANTY

From the 91st day until one year from the date of purchase, Sears will furnish replacement parts for any defective parts, free of charge. You pay for labor.

LIMITED WARRANTY ON MOTOR

1/2 HP Motor: After 1 year and through 5 years, Sears will furnish replacement parts for any defective parts in motor, free of charge. You pay for the labor.

1/3 HP Motor: After 1 year and through 3 years, if the motor on this Garage Door Opener is defective, Sears will furnish a replacement motor, free of charge. You pay for the labor.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS STORE OR SERVICE CENTER

SEARS CANADA, INC., TORONTO, ONTARIO M5B 2B8