

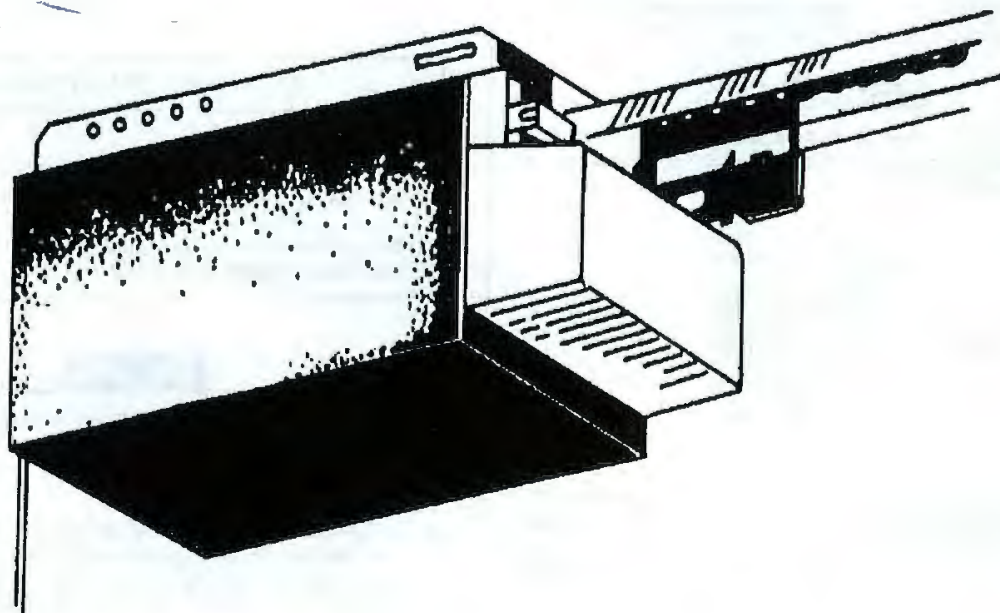
MODEL 555



GARAGE DOOR OPENER SYSTEMS

INSTALLATION INSTRUCTIONS AND OWNERS MANUAL

READ THESE INSTRUCTIONS CAREFULLY BEFORE
INSTALLING OR USING THIS OPENER.



After installation is completed, place instructions in close
proximity to garage door.

TABLE OF CONTENTS

GENERAL INSTALLATION NOTES	PAGE 3
ASSEMBLY DRAWING	PAGE 4
INSTALLATION INSTRUCTIONS	PAGE 5-8
WIRING INFORMATION	PAGE 9
OPERATION & ADJUSTMENT	PAGE 10
OWNERS INFORMATION	PAGE 11
GENERAL INFORMATION	PAGE 11-12
TROUBLE SHOOTING GUIDE	PAGE 13
POWER UNIT ASSEMBLY	PAGE 14
WIRING SCHEMATIC	PAGE 15
PARTS LIST	PAGE 15
WARRANTY	PAGE 16

READ THROUGH MANUAL BEFORE BEGINNING ASSEMBLY.

HOW TO USE THIS BOOK

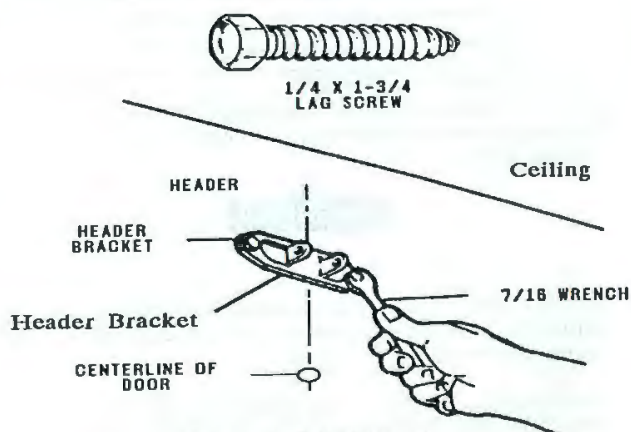
1. Use tools indicated by silhouettes at top of instruction.
2. Perform the instruction according to the words and illustration.
3. Put a check in the box after completion of instruction.
4. Proceed to next step.

8



 7/16

SECURE HEADER BRACKET TO HEADER.



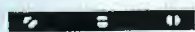
EXAMPLE

TOOLS NEEDED

YOU WILL NEED THE FOLLOWING TOOLS SHOWN BELOW TO ASSEMBLE AND INSTALL THIS OPENER.



ELECTRIC DRILL
5/32 BIT
1/4 BIT
1/8 BIT (METAL DOORS)



CARPENTER
LEVEL



STEPLADDER
6'-0"



HACK SAW



ADJUSTABLE
END WRENCH



NEEDLE NOSE
PLIERS



END WRENCH
7/16 & 9/16



SLOTTED
SCREWDRIVER



WIRE CUTTERS



NUTDRIVER 1/4"



PHILLIPS
SCREWDRIVER

- TAPE MEASURE
- STRAIGHT EDGE
- PENCIL
- POCKET KNIFE
OR
WIRE STRIPPERS
- BELL WIRE

GENERAL INSTALLATION NOTES

Preparing Door for Opener

The following procedures must be performed before opener can be installed. Failure to complete the following procedures can cause opener failure and/or hazardous conditions which could cause personal injury.

1. Check working condition of door. Door should operate freely without sticking or binding, and should not have to be held up or down. Lubricate door rollers and hinges with SAE 30 wt. oil.
2. If any part of the door is worn or broken, call a qualified door service person to repair it before opener is installed.

WARNING

Door is under extreme spring tension. Repairs and adjustments, especially to cables and spring assembly, can be hazardous and can result in severe personal injury. Repairs and adjustments should be performed only by qualified door service people.

3. If door is equipped with a locking device, make it inoperative by permanently securing the locking bar in an unlocked position.

CAUTION

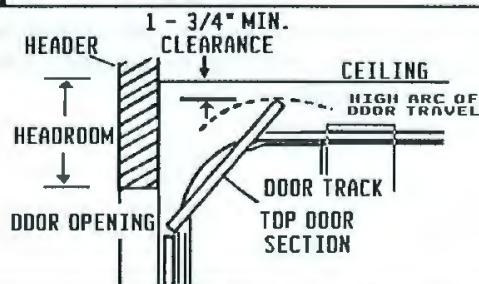
Remove any lift or pull rope to avoid entrapment by rope when the door is opened.

CAUTION

It is recommended that the top section of door be strutted or reinforced on doors 16 feet wide or larger.

CAUTION

This opener cannot be installed on garage doors where the clearance is less than 1-3/4".



WARNING

This opener is not designed for use with one piece doors.

CAUTION

DO NOT USE lighted-type pushbutton. See troubleshooting chart, page 13.

CAUTION

Opener must be properly grounded to prevent personal injury and damage to opener components.

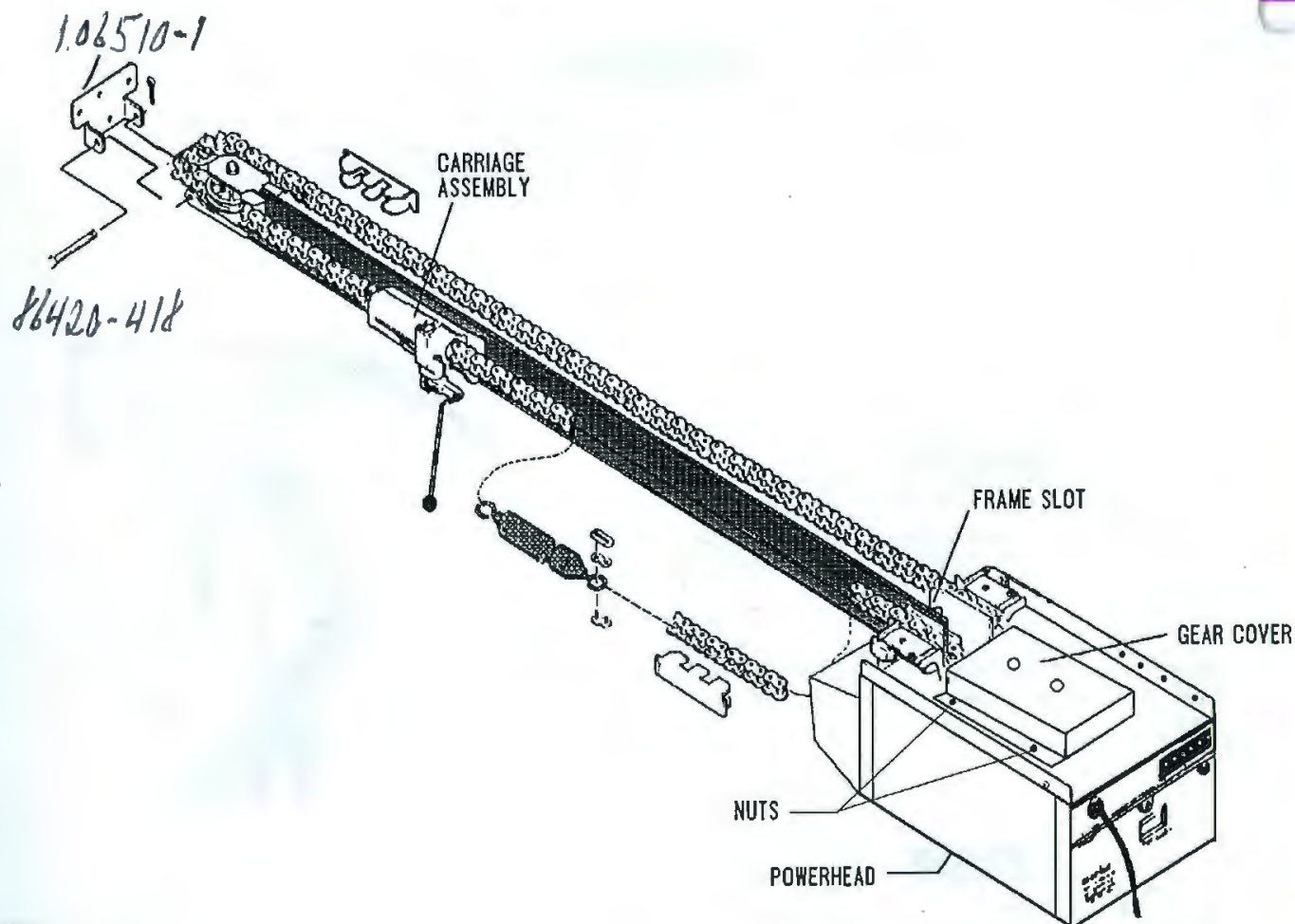
WARNING

DO NOT CONNECT ELECTRICAL POWER TO UNIT UNTIL INSTRUCTED TO DO SO.

IMPORTANT

For proper and safe use of the installed opener, carefully read the Owners Information beginning on Page 11.

ASSEMBLY DRAWING

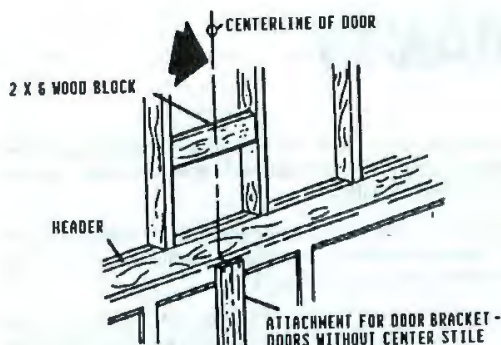


To complete assembly of your Overhead Door Operator:

1. Remove the four nuts securing the gear cover to the operator frame. Removing the gear cover will expose the drive sprocket.
2. Slide the boom into the frame slot until it contacts the stop bolt.
3. Place the chain around the drive sprocket and make sure that the chain passes through the limit switch assembly and around the outside of the guide pulley.
4. Replace gear cover and connect chain to turnbuckle, with connecting link.
5. Tension chain until droop is $\frac{3}{4}$ inch (lowest part of chain is just below lower edge of boom).

INSTALLATION

1. ☐ Measure width of door to determine center. Mark center line on door and header.



If header does not have suitable woodwork where header bracket will be installed, then such will have to be made. It is suggested that a wood 2"x6" be secured to nearby woodwork.

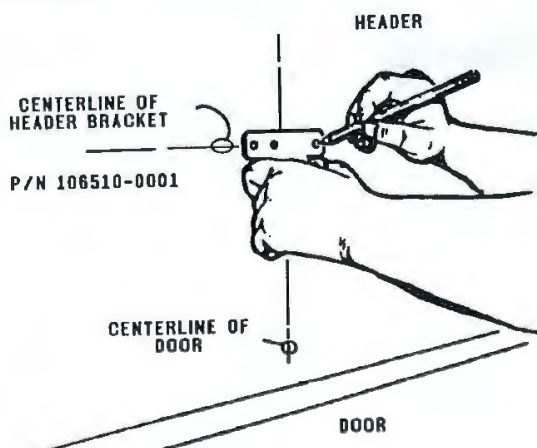
If door does not have a center stile or suitable material for attaching door bracket then door must be reinforced with wood or steel at this mounting point. This reinforcing member must attach to both top and bottom rail

NOTE

1 3/4" minimum headroom required above high arc of door.

3. ☐

Position header bracket on center line and mark mounting hole locations on center line.

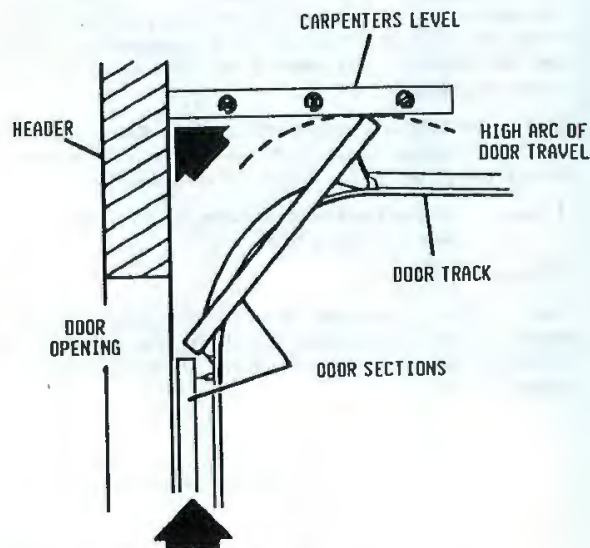


Drill 5/32" diameter holes at marked locations.

2. ☐

Raise door until top section reaches its highest arc of travel. Mark header on center line at point where level touches header.

Mark horizontal center line of header bracket 1-5/8" minimum to 3-1/4" maximum above high arc of door travel. Use lowest figure permitted by door counterbalance.

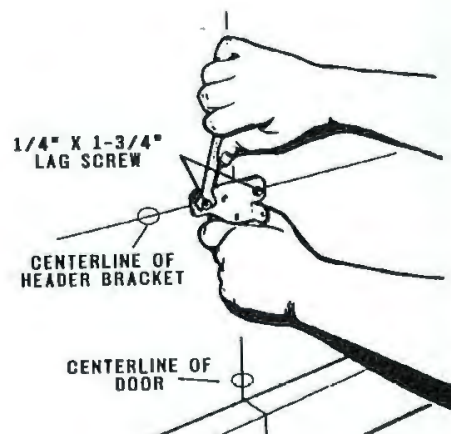


NOTE

IT IS RECOMMENDED THAT OPENER BE MOUNTED A MINIMUM OF 7 FEET ABOVE FLOOR

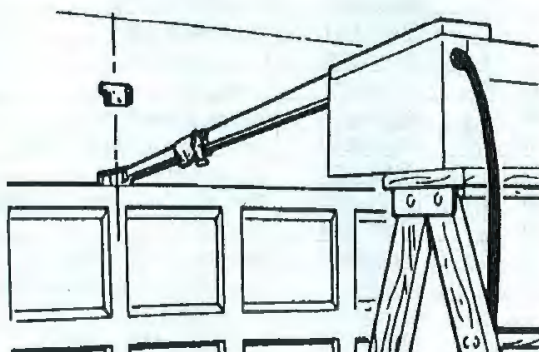
4. ☐

Secure header bracket to header.



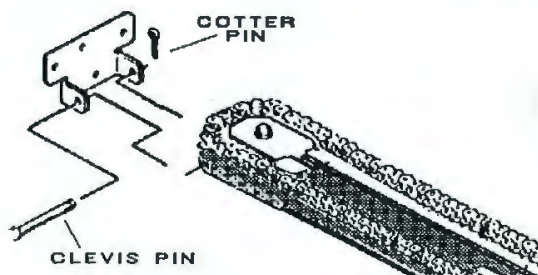
5. ☐ A

Rest header end of boom on top edge of top door section (extension spring door) or on torsion spring (torsion spring door) and powerhead



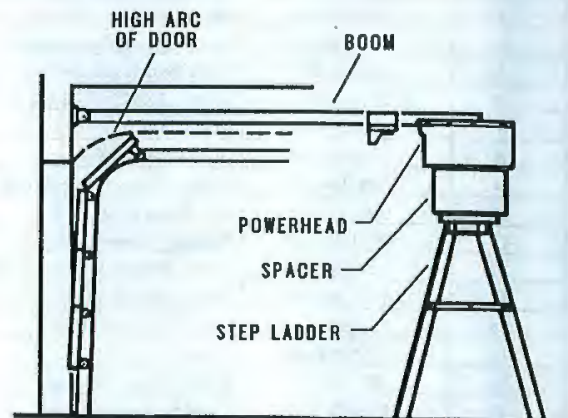
6. ☐

Attach header pulley assembly to header bracket.



7. ☐

Manually raise door to a fully opened position. If necessary, use spacers between ladder end opener to obtain clearance between door and opener boom.



NOTE

Carriage must be positioned near powerhead to prevent interference between door and carriage.

8. ☐

Position opener so that the boom is aligned (left and right) with the center of the door. Then attach rear of opener to ceiling joists as illustrated in step 9. (See Notes).

NOTE

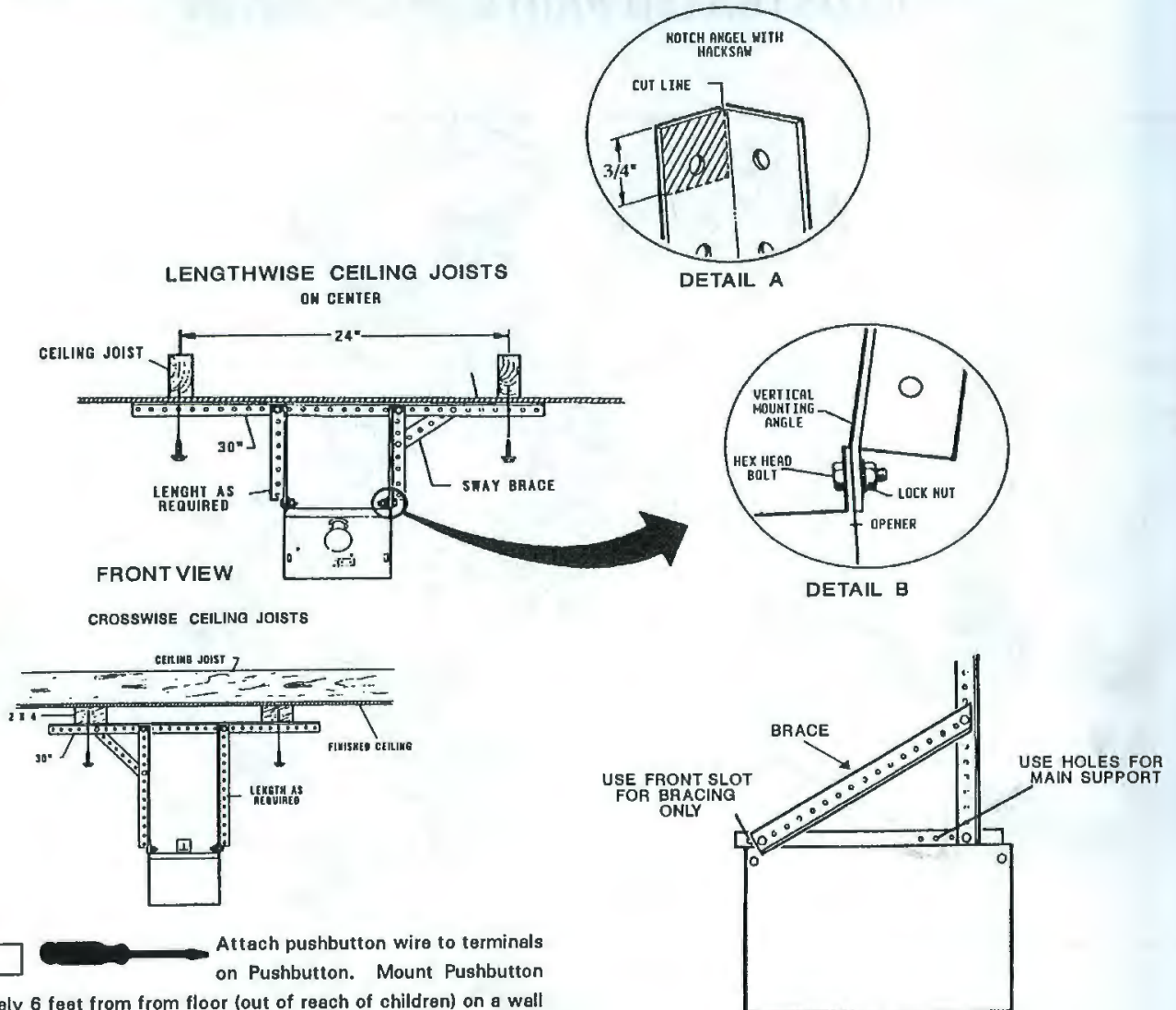
In order to obtain best performance it is important that the opener be installed as close to the door as possible. If the distance between the high arc of the door and the opener boom is one inch or less then the opener may be installed in a level position. If the distance between the high arc of the door is in excess of one inch, the rear of the opener should be lowered so that the distance between the opener boom and the door (in a fully opened position) is approximately 1/2 to 1 inch. If necessary, relocate the header bracket to maintain clearance at high arc of door.

9. ☐ 7/16

- Shown are examples of various installation configurations. Determine the configuration which best suits your requirements.
- If necessary, span ceiling joists with wood 2x4's sufficient enough to support opener.
- Hold ceiling mounting angle in mounting position. Using holes in angle as a guide, drill 3/16" diameter pilot holes in ceiling joists or 2x4 framing.
- Using 1/4"x1-3/4" lag screws, secure ceiling mounting angle to ceiling joists or 2x4 framing.
- Notch opener end of vertical angles (Detail A).
- Using 1/4"-20x1/2" hex head bolts and lock nuts, secure angle brackets to opener.
- Using 1/4"-20x1/2" hex head bolts and lock nuts, secure vertical mounting to ceiling angle. Vertical angles may be bent at notch necessary (Detail B).

NOTE

IT IS RECOMMENDED THAT OPENER BE MOUNTED A MINIMUM OF 7 FEET ABOVE FLOOR



10. ☐ Attach pushbutton wire to terminals on Pushbutton. Mount Pushbutton approximately 6 feet from floor (out of reach of children) on a wall next to garage access door. Attach the other end of pushbutton wire to terminals "Pushbutton" and "Common" on the rear of the opener. Remove backing from self-adhesive "PUSHBUTTON OPERATION" decal and attach to wall near pushbutton. Do not remove Factory installed jumper between terminals "COMMON & PHOTO" AND "SEC & 24V".

IMPORTANT

Powerhead must be braced as shown in order for safety reverse system to function properly.

CAUTION

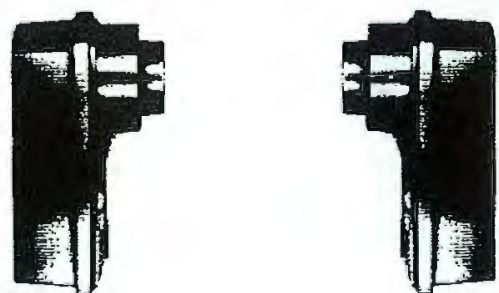
PUSHBUTTON MUST BE INSTALLED OUT OF REACH OF CHILDREN

11. ☐ PHOTOCELL (OPTIONAL P/N 108303-0001)

The Photocell is an optional safety device, if the photobeam is interrupted it will (1) Prevent an opened door from closing, and (2) Reverse the door if in a closing mode. To install, follow instructions provided with the Photocell.

To obtain the Photocell or other optional equipment contact your local Overhead Door Distributor or the factory at 1-800-275-6187. Available options include:

- Chain Transmitter
- Keyless Entry
- Houselight Package
- Operator Security Module



NOTE

Photocell for use with this opener must have normally closed contacts when photo beam is not interrupted.

12.



Install door bracket on centerline of door as shown in step 13. The pivot hole in door bracket should be in line, as close as possible, with the top rollers of the door.

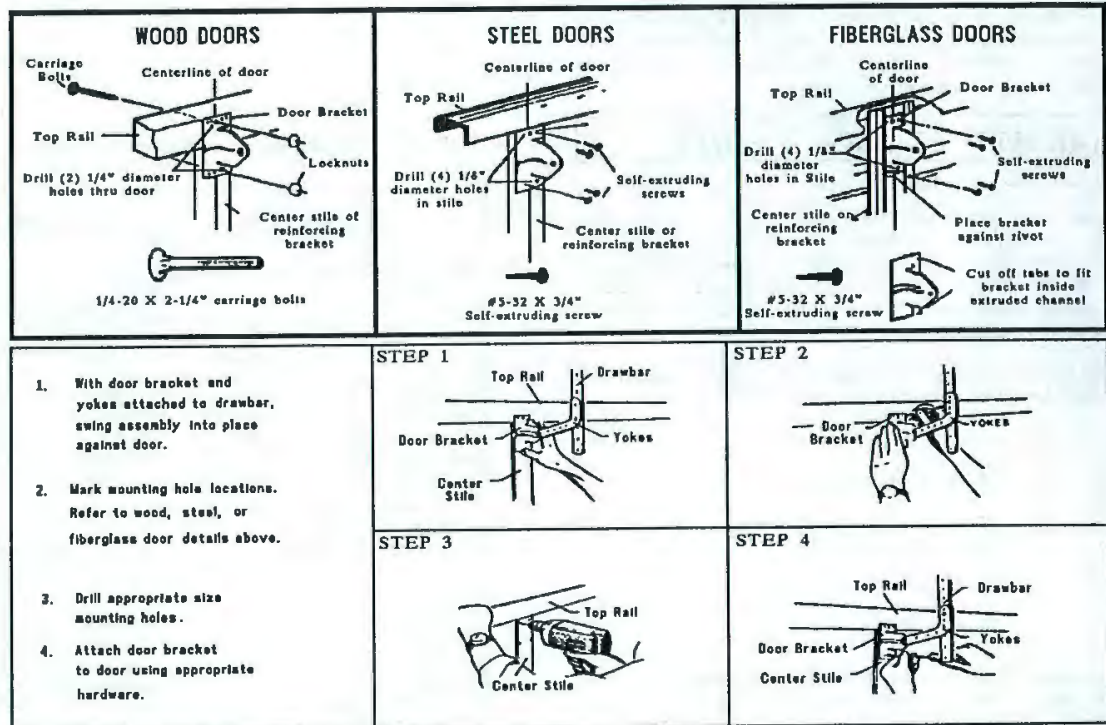
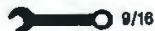
NOTE

If door strut interferes with mounting of door bracket, move bracket below strut. Do not cut or modify door strut.

13.



The illustrations below depict installation of door bracket, p/n 105375-0001, on 3 types of doors. Install bracket in the appropriate manner according to door type.

14. ☐

Attach yoke pieces to door bracket with 3/8" bolt and locknut. Tighten locknut but do not compress yoke against door bracket --- yoke must move freely.

15. ☐

Route pull cord through manual release lever and adjust so that release handle is approximately 6 feet from floor. Pull release handle and position carriage approximately 12" from front wall.

16. ☐

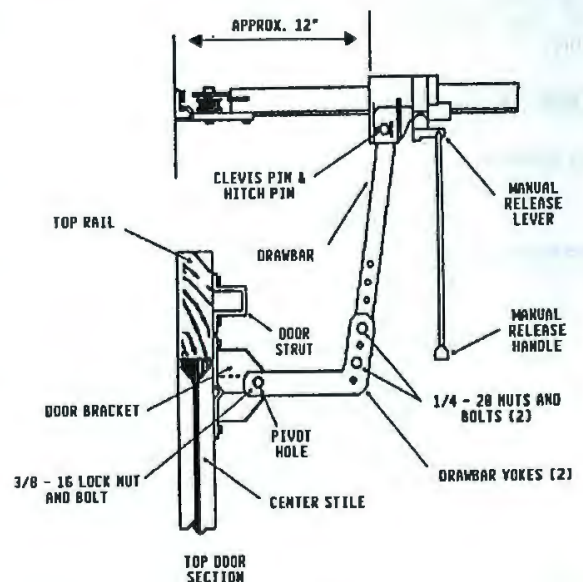
Attach door arm to carriage with clevis and hitch pins. Make sure door is fully closed and attach door arm to yokes with two 1/4" bolts and nuts. Select holes in the arm and yokes that will allow carriage to remain in the approximate position called for in step 15.

17. ☐

Remove protective bracket from Emergency Release Decal and install on door near Door Bracket.

18. ☐

Install a 60-watt (MAX) Light Bulb.



WIRING

19. ☐

WARNING

It is important that electrical power to operator be off when powerhead cover is removed. Electrical power must remain disconnected while making electrical connections and limit switch adjustments. Keep hand and objects clear of powerhead if electrical power is reconnected with cover off.

Opener is equipped with a factory installed power cord and must be plugged into a 115 volt, 60 hertz, grounded electrical outlet.

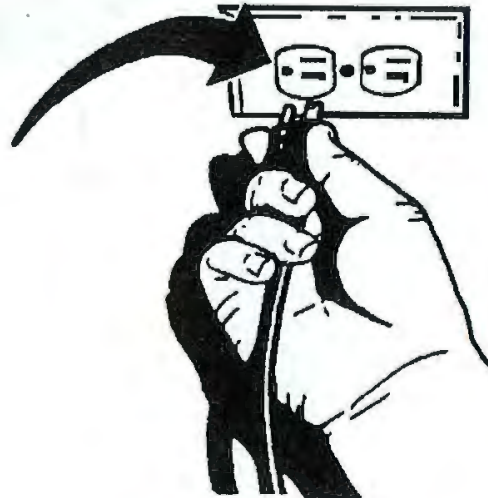
CAUTION

OPENER MUST BE PROPERLY GROUNDED TO PREVENT PERSONAL INJURY AND DAMAGE TO THE OPENER COMPONENTS.

If a convenient electrical outlet has to be installed it recommended that such work be performed by a licensed electrician. Use of extension cord is NOT RECOMMENDED.

NOTE

If extension cord is required for temporary testing and adjustment, use only 3 wire (grounded) with a minimum 10 amp rating. This will assure proper operation of electronic system.

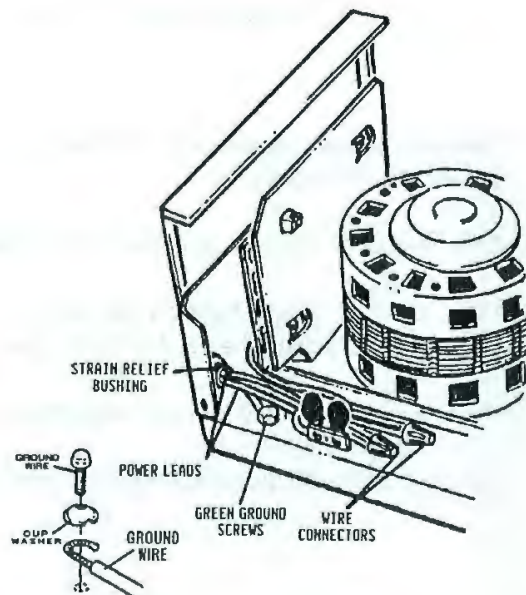


When installing a convenient electrical outlet, it is suggested that an electrical switch be installed to facilitate emergency power cutoff.

If local electrical codes require permanent wiring, proceed as follows:

Disconnect opener from any power source.

1. Remove opener cover (6 screws), two (2) wire connectors and disconnect green ground wire.
2. Remove power cord and strain relief bushing.
3. Connect conduit to opener frame through the 7/8" diameter hole.
4. Use appropriate wire connectors and connect black power wire to the two (2) black wires (in opener) and white power wire to the three (3) white wires. CONNECT GREEN GROUND WIRE TO GREEN GROUND SCREW IN OPENER USING CUP WASHER. (provided in hardware bag.) MAKE SURE CONNECTION IS SECURE.
5. Reinstall opener cover.



OPERATION AND ADJUSTMENTS

20. ☐

Plug opener power cord into electrical outlet, using wall button run opener and allow chain cylinder to engage the opener carriage. NOTE: The release lever must be in a horizontal position in order to obtain engagement.

21. ☐

Using pushbutton run opener and adjust up and down limit switch cams (step 22) to stop door in a fully opened and a fully closed position.

NOTE

In order for the safety reverse system to function properly, the down limit switch must be adjusted so that the door is closed tightly against the floor.

22. ☐

CHAIN CAM ADJUSTMENT

Door travel is controlled by the placement of the chain limit cams on the opener drive chain. The design of the snap-on cams dictate that they can be relocated only in one inch increments and thus affect carriage travel proportionately. The carriage travel can be adjusted in 1/2 inch increments by alternately turning the cams 180 degrees and relocating as required for desired carriage control.

23. ☐

Check and adjust opener safety reverse system as outlined in section headed "OWNERS INFORMATION - OPERATION/ADJUSTMENT".

24. ☐

If opener fails to reverse on the one inch obstruction (as outlined in "OWNERS INFORMATION") with force adjustment set at maximum, then the following steps should be performed.

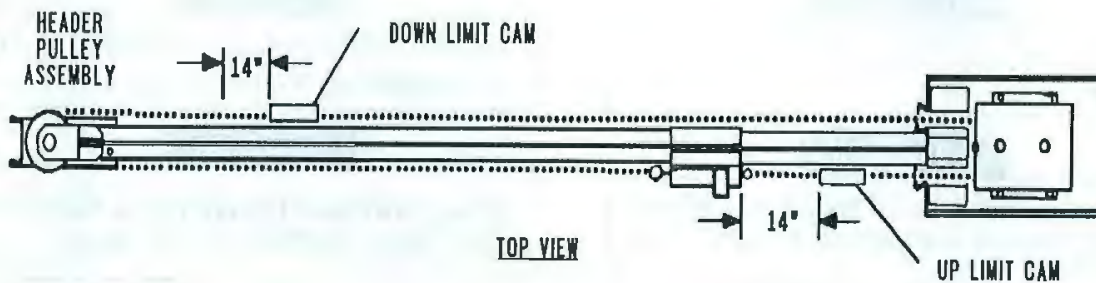
- Readjust the down limit switch cam so that the door is being driven more tightly against the floor or;
- Increase the length of the door arm assembly by moving the yokes to a lower set of holes in the door arm. This may require that the down limit switch cam be readjusted to prevent door reversing at the floor.

NOTE

Adjusting the length of the door arm assembly and the down limit switch cam may have to be repeated until satisfactory operation is obtained.

IMPORTANT

After making adjustments to the down limit switch and/or changing the length of the door arm, always recheck the opener safety reverse system for correct operation.

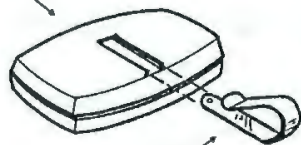


OWNERS INFORMATION

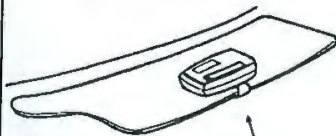
Transmitter Visor Clip Mounting

Attach transmitter visor clip as shown.

TRANSMITTER



VISOR CLIP



Suggested placement of transmitter visor clip.

TRANSMITTER

Your Radio Control System

Your Trinary Digital Control is designed to give years of trouble-free service. The concept of Digital Control allows you to easily change the coding of your control should you experience interference from other transmitters.

WARNING

1. DO NOT perform any of the following steps until the garage door opener has been properly installed and tested as outlined in the installation instructions.
2. BE SURE ALL PERSONS AND OBJECTS ARE CLEAR OF THE DOOR BEFORE PERFORMING THE FOLLOWING STEPS.

How To Set Transmitter Security Code

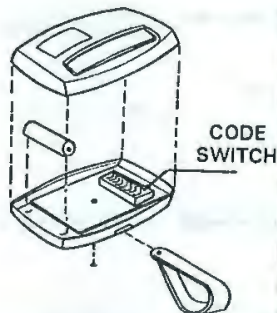
OPENING THE CASE

Remove visor clip by pulling it back out of the groove. Remove the exposed screw. Squeeze the upper housing half at the grooved area to separate from the lower housing.

2. SETTING THE CODE SWITCH

The code switch is located on the end opposite the battery. Note that each of the nine switches has THREE positions.

To change the frequency code, simply change the position of one or more of the code switches.



Available For Code Setting

NOTE:

This device complies with FCC rules part 15. Operation of this device is subject to the following two conditions:

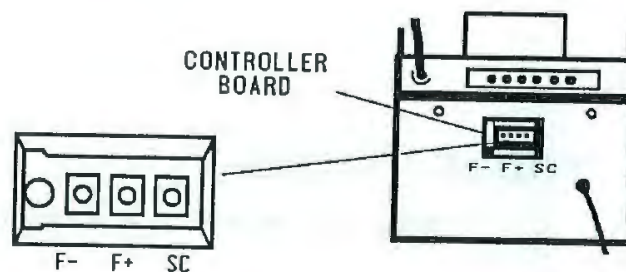
1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

How To Set Operator Security Code

NOTE:

Five different transmitter codes may be programmed that will control the same operator. This feature is provided to allow you to use the Wireless Keyless Entry, temporary authorization of another transmitter (service personnel) and future product offerings. It must be remembered that "ANY" of the five codes programmed will control the operator.

1. Check the operator for proper operation from the wall pushbutton.
2. Momentarily push the security code (SC) button located in the garage door opener back panel as illustrated. The operator's light bulb will flash once.



3. Push the Transmitter button for approximately one second and release. The operator light bulb will flash twice, indicating that the code was accepted.
4. Repeat step 3 waiting for the bulb to flash two, three, four, and five times. After the fifth code entry, the operator's light bulb remain on for approximately five seconds, indicating the programming is complete.
5. The operator will now respond to the transmitter pushbutton.

Multiple Security Code Entry Instructions

1. If a particular code is to be removed or changed, the location may be accessed by pressing the code entry button. The first press will cause the openers light bulb to flash once. This is position 1 and a new code or another existing code may be entered using the desired coded transmitter. To access another position, "DO NOT" enter a code but push the security code (SC) button until the desired location is accessed by the number of flashes of the openers light bulb.

2. The following table is provided for the convenience of recording the programmed security code.

MULTIPLE SECURITY CODE ENTRY TABLE		
Code Position 1	Transmitter Identification	
Code Position 2	Transmitter Identification	
Code Position 3	Transmitter Identification	
Code Position 4	Transmitter Identification	
Code Position 5	Transmitter Identification	

NOTE:

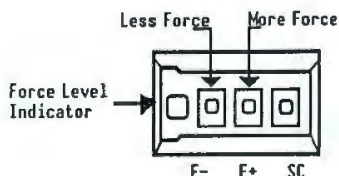
Identical codes may be entered in any of the locations. This allows easy removal of a code with a transmitter that you wish to remain authorized.

Adjustment and Testing of the Reversing System

The proper adjustment and testing of the Reversing System is important for the safety of everyone who uses your door and opener. Failure to properly adjust and test may result in serious personal injury from a closing garage door. The System consists of an electronic device that senses motor slowdown due to increased load.

WARNING

The Reversing System is a safety feature that reverses the door's travel and returns it to the fully open position if the door encounters an obstruction or resistance while closing.



The force level is indicated by the small green light located next to the less force button as shown. One flash followed by a pause indicates that it is set for the least force that the door will exert on an obstruction. Two to seven flashes indicate six more increased force levels. The final maximum force level displays a continuous light.

Operate the door and set the level to the lowest force that guarantees proper door operation. Each push of the "F+" more or "F-" less force buttons will set the level accordingly. Do not decrease the sensitivity to compensate for a binding or sticking door. If the force level indicator is on continuously read warning below.

WARNING

If satisfactory operation of the door/opener cannot be achieved by following the instructions above, disconnect the opener from the door by pulling the emergency release rope, then check operation of the door alone. If door balance, rollers, and hinges operate smoothly, without striking or binding in the jambs, reconnect the opener and repeat the sensitivity adjustment procedure. If door/opener operation is still unsatisfactory, contact an Overhead Door Distributor.

As a final check, place a 1" thick board on the floor in the center of the door. When the door strikes this board it should reverse within 2 seconds and fully open. If it does not, go to page 10, step 1.

For your safety, it is recommended that the reversing mechanism be adjusted to perform properly. Check it every six months or call a professional door service person to check it for you. If, for any reason, the opener is not functioning properly, immediately disconnect the opener from the door (Emergency Release Operation) and do not reconnect until the problem is corrected.

If satisfactory operation of the door/opener cannot be achieved by following the instructions above, disconnect the opener from the door by pulling the Emergency Release rope, then check operation of the door alone.

OPERATION

On initial power application or after a power failure, the motor will always run first in the open direction when signaled from either the transmitter or wall pushbutton. Thereafter opener always restarts in the direction opposite its last run.

- TO START OPENER:** Press transmitter pushbutton or wall pushbutton 1 time.
- TO PARK DOOR:** Press transmitter pushbutton or wall pushbutton while door is opening.

GENERAL INFORMATION

1. When "Emergency" or "Manual" operation of door is required, pull release cord suspended from carriage or trolley.
2. To reconnect the opener, place the manual release lever in the horizontal position and run the opener. It will automatically reconnect.

WARNING

Operate door only when fully visible and clear of all persons and obstructions.

3. If light does not work when opener is in use, replace light bulb. Use 60 watt rough service Overhead Door bulb. To remove the lens, push in on sides and remove. Replace lens by inserting retainer tabs into their holes and pushing lens to snap tabs into place.
4. Oil door hinges, rollers and springs once each year with 30 weight oil. Wipe off any excess oil.
5. Transmitter is equipped with a 12 volt battery. Do not substitute with any other voltage battery.
6. Opener motor is protected against burnout by an internal protector which will stop motor if door is opened and closed too many times in succession, or if some other overload condition exists. If motor stops, allow it to cool 10-15 minutes, then press wall pushbutton to resume operation.
7. It is suggested that every 6 months door be disconnected from opener and manually operated. Door should open and close freely. If door does not operate freely, contact an authorized Overhead Door distributor.

WARNING

Door is under extreme spring tension. Repairs and adjustments, especially to cables and spring assembly, can be hazardous and can result in severe personal injury. Repairs and adjustments should be performed **ONLY BY QUALIFIED OVERHEAD DOOR DISTRIBUTORS**.

8. In normal applications, lubrication of opener rotating and sliding parts is not required. Motor is permanently lubricated.
9. DO NOT lubricate boom. It is possible a film may develop inside the nylon carriage. This film may cause binding in freezing weather. To correct, spray boom, on either side of carriage, with a spray lubricant (WD 40, LIQUID WRENCH, etc.), run opener open and closed, then wipe boom clean.

TRANSMITTER SERVICE HINTS

NOTE:

If you have two transmitters and one does not work it is reasonable to assume the problem is in the transmitter. However, when you have one transmitter and it does not work the problem may be in the receiver. When returning the controls to the factory for service, it is always recommended that you send the receiver and all the transmitters so they can be tested as a set.

When writing to the factory for assistance or when returning a unit for repair be sure to include the following information:

1. Radio Control Model No.
2. Number of Transmitters
3. Door opener Model No. and Manufacturers Name
4. Date Unit was Installed
5. Nature of Difficulty

If you have purchased only one transmitter and you wish to purchase a second one, specify the frequency found on the white sticker on the back of the transmitter or receiver case.

REPLACING THE BATTERY: The battery is located on the end of the transmitter. Gently pry the battery up until it separates from the clips. Replace only with Overhead Door A23 or equivalent 12 volt battery. Any other style may damage the unit and will void the warranty.

NATURE OF DIFFICULTY:

1. Short Distance -

When Battery Condition Light begins to flicker, replace battery.

2. Inoperative or Intermittent Operation -

- A. Check Code Switches in transmitter.
- B. When Battery Condition Light on the transmitter begins to flicker, replace battery.
- C. Be sure battery connector is clean and makes good contact with battery terminals in the transmitter.

NOTE:

Warranty on the Control will be nullified if service other than specified in the service hints is performed by anyone other than authorized personnel.

TROUBLESHOOTING GUIDE

This troubleshooting guide shows malfunction symptoms and their possible causes. Use it to help determine the cause of a problem. Disconnect power to the opener before opening the cover.

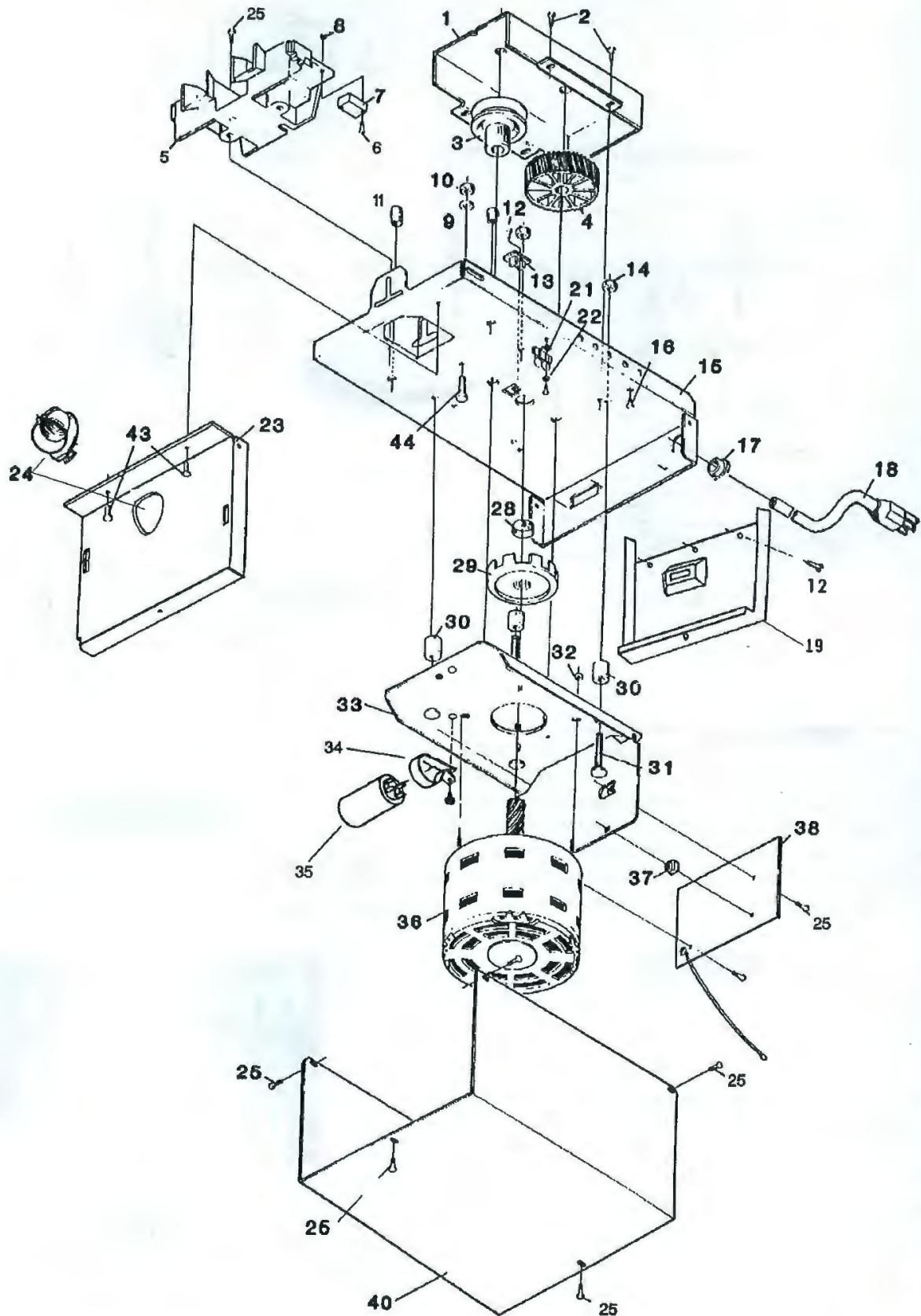
The microprocessor does a self test when power is connected to the opener, when the pushbutton or transmitter button is pushed and at the end of the light timing cycle. The self test shows a system problem by flashing the opener lights.

* Requires the assistance of a qualified repairman.

SYMPTOM	POSSIBLE CAUSE
Opener light flashes at 1 second intervals for 7 seconds.	Safety System indicating fault or Safety Wiring open. Jumper missing between terminals Common & Photo. Photocell inoperable or misaligned.
Opener light flashes at 1-1/2 second intervals for 6 flashes.	Short in wall pushbutton, lighted pushbutton or pushbutton circuit.
Opener inoperative from transmitter or pushbutton when pressed but Opener light flashes at 1/2 second intervals for 15 flashes.	*Both limit switches are on (Door at one and the other defective). Defective opener wiring.
Door will not open using radio or pushbutton when pressed.	Short in wall pushbutton, lighted pushbutton or pushbutton circuit.
Door will not open using radio but will with pushbutton.	Defective transmitter, check battery in transmitter. *Defective radio receiver.
Door starts down, runs 1 second and reverses.	*Reversing System indicating fault or Safety Wiring open.
Door runs down, hits floor and reverses within 1/2 second.	Improper adjustment of down limit switch. *Defective limit switch. *Defective circuit board.
Door starts down, runs longer than 1 second, then reverses.	Obstruction in doorway or roller pathway. Hard operating or defective door. Sensitivity force level is set too light.
Door raises, carriage hits powerhead.	Improper adjustment of up limit switch. *Limit switch defective. *Circuit board defective.
Door runs up, won't run down.	*Down limit switch or circuitry open. *Circuit board defective.
Door runs down, won't run up.	*Up limit switch or circuitry open. *Circuit board defective.
Door runs down, hits obstruction, does not reverse immediately, but reverses in 30 seconds.	*Circuit Board defective.
Motor runs, door will not open.	Broken chain, drive sprocket or drive gear.
Door drives into floor and does not stop running until thermal shutdown.	*Defective circuit board.
Door drives into powerhead and does not stop running until thermal shutdown.	*Defective circuit board.
Door starts up, runs longer than 1 second, and then stops.	*Obstruction in doorway or roller pathway. Hard operating or defective door. Sensitivity force level is set too light.

POWER UNIT ASSEMBLY

ILLUSTRATED PARTS BREAKDOWN



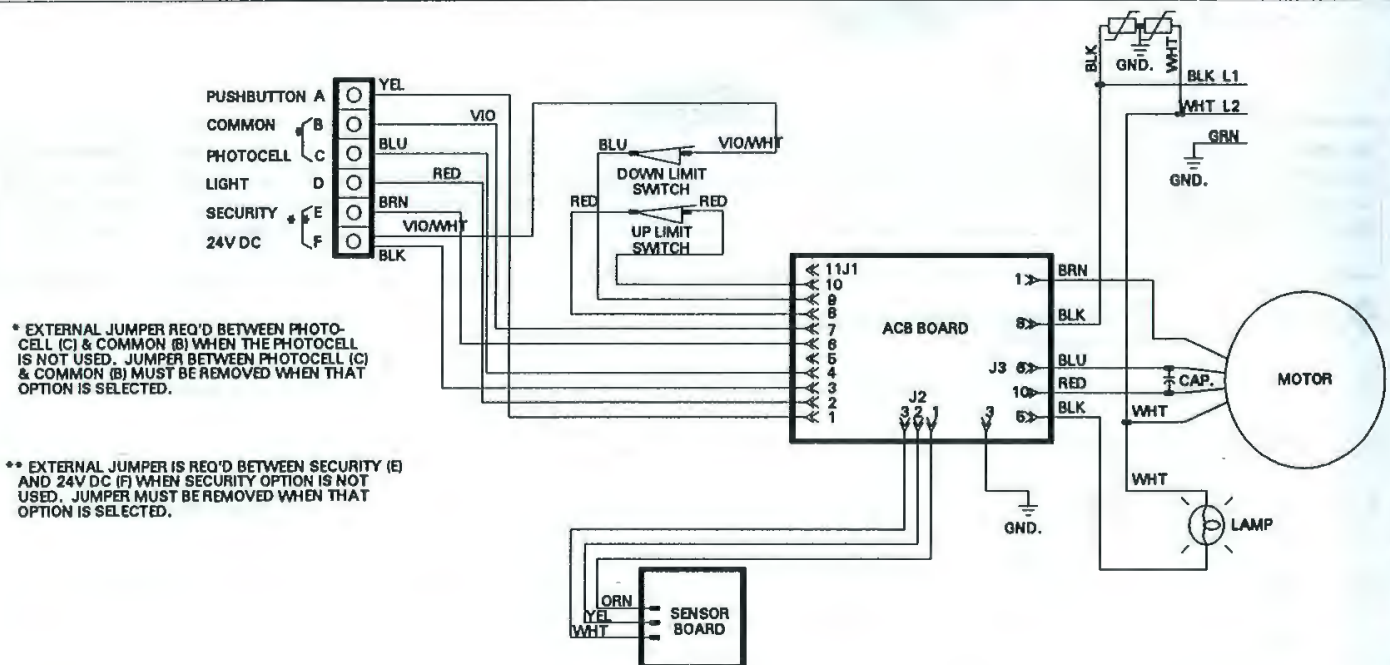
LIST OF ILLUSTRATED PARTS

ITEM	PART NUMBER	DESCRIPTION
1	107519-0001	Cover, Gear/Idler
2	086575-0606	Screw, THDF #8-32x3/8"
3	108380-0003	Idler, Chain
4	104086-0001	Gear, Main Drive Assembly
5	106484-0001	Limit Switch Assembly
6	080288-0812	Screw, RHMS #4-40 x 5/8"
7	106505-0001	Switch, Limit
8	086480-0840	Nut, Keps #4-40
9	080324-0000	Washer, Lock External 1/4"
10	086480-1620	Nut, Keps 1/4-20
11	086168-0003	Bushing, Snap-Nylon
12	607558-1004	Screw, Tap Slt W #6-32 x 3/8"
13	108338-0001	Sensor Board, Optic
14	601108-0006	Nut, Hex Lock #10-24
15	107516-0002	Frame, Main
16	107442-0002	Screw, Green Ground
17	076877-0016	Bushing, Strain Relief
18	107443-0001	Cord Assembly, Power
19	107612-0002	Cover, Cops Board
20	107530-0001	Terminal Strip
21	106453-0001	Protector Assembly, Surge
22	080324-0006	Washer, Lock Ext. 1/4"

ITEM	PART NUMBER	DESCRIPTION
23	107514-0001	Endplate, Lamp
24	107593-0001	Lampholder
25	607558-1006	Screw #6-32 x 3/8"
26	080839-4631	CHAIN 7' BOOM NS
	080839-5111	CHAIN 8' BOOM NS
28	107591-0001	Ring, Compression
29	107384-0001	Rotor, Optic
30	107776-0003	Spacer, Motor Plate
31	086420-0310	Bolt, Carriage #10-24 x 1-1/4"
32	086480-1232	Nut, Keps #8-32
33	107515-0002	Plate Assembly, Motor Mounting
34	107854-0001	Retainer Capacitor
35	107871-0002	Capacitor, 64-77 MFD 220V
36	108379-0001	Motor, 1/2 HP Spline Shaft 6 Pole
37	107526-0001	Plastic-Grommet
38	108098-0001	Controller, ACB 115V
40	108454-0001	Cover, Powerhead
41	108099-0001	Harness Assembly, Control NS
42	108096-0001	Harness Assembly, Power NS
43	080208-1308	Screw HH #10 x 1/2"
44	080105-0406	Bolt, HH 1/4-20 x 3/4"

NS - NOT SHOWN

555 WIRING SCHEMATIC



LIMITED WARRANTY

The authorized distributor of Overhead Door Corporation products whose name appears below ("Seller") warrants this product to be free from defects in material and workmanship under normal use and service. This warranty extends only to the original consumer ("Buyer").

During the following periods after the sale, Seller shall furnish goods and services indicated to repair or replace any portion of the system determined by Seller to be defective:

1 Year All parts and labor (including installation if the system was installed by Seller.

5 Years Motor only.

The foregoing represents Seller's sole obligation under this warranty, and is conditioned upon Buyer giving notice to Seller within the respective warranty period. Proof of purchase is required.

If Seller concludes that repair or replacement is necessary, Seller will commence work within a reasonable time after the decision to repair or replace is made.

This warranty does not apply if the system has been altered or repaired by any person not authorized by the Seller, or has been subject to misuse, neglect or accident.

SELLER ASSUMES NO LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, WARRANTIES IMPLIED BY LAW ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF SALE.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

PARTS AND SERVICE

For parts and service, contact the nearest Distributor.
When ordering parts, please specify:

MODEL NUMBER

PART NUMBER

PART DESCRIPTION

Repairs to transmitter and receiver should be performed by a qualified repairman. See Radio Control Instructions.



the original since 1921