1. Set limit switch position.
   - Check door fully closed.
     – If not, close door manually.
   - Check carriage is between limit switches.
     – If not, move “CLOSE” limit switch (brown wire) to new position between door and carriage.
     – Slide “CLOSE” limit switch back toward carriage until lever is fully lifted. Fig. 7-1.
     – Tighten limit switch set screw.
   - Manually open door to fully open position.
   - Check carriage is between limit switches.
     – If not, move “OPEN” limit switch to new position between power head and carriage.
     – Slide “OPEN” limit switch back toward carriage until lever is fully lifted. Fig. 7-1.
     – Tighten limit switch set screw.

2. Adjust opening force.
   - On front panel of power head—find adjusting screw marked “CLOSE.” Fig. 7-2.
   - Turn screw gently counterclockwise until it stops.
   **NOTE:** Very little force is required to move adjusting screws.
   - Run operator using wall control.
   - Observe door runs to “CLOSE” limit switch.
     – If not, increase closing force by turning “CLOSE” adjusting screw clockwise slightly (about 1/16 turn).
   - Repeat until door runs to “CLOSE” limit switch.
   - Check door is fully closed.
     – If not, move “CLOSE” limit switch toward door as necessary to achieve fully closed.

3. Adjust closing force.
   - On front panel of power head—find adjusting screw marked “OPEN.” Fig. 7-2.
   - Turn screw gently counterclockwise until it stops.
   - Run operator using wall control.
   - Observe door runs to “OPEN” limit switch.
     – If not, increase opening force by turning “OPEN” adjusting screw clockwise slightly (about 1/16 turn).
   - Repeat until door runs to “OPEN” limit switch.
   - Check door is fully open.
     – If not, move “OPEN” limit switch toward power head as necessary to achieve fully open.

**CAUTION**
- Keep clear of door and its path.
- Keep ladder to side of power head to prevent being hit by moving parts.

Be sure and set force adjustments at minimum required to operate door.

**NOTE:**
When the garage door is closing and contacts a vehicle or other obstruction, the contact reverse mechanism may **not** prevent damage to the obstruction, garage door or garage door operator.
**Limit switch adjustments must be completed before running contact reverse test.**

1. **Test contact reverse.**
   - Open door using wall control.
   - Lay 2" x 4" board* on floor in center of garage door opening. **Fig. 7-3**.
   - Close door using wall control.
     - Door should stop and reverse within 2 seconds of contacting the board.
     - If door does not reverse properly:
       a. Decrease closing force a small amount by turning the “CLOSE” force adjustment screw slightly counterclockwise.
       b. Test contact reverse again.
       c. Repeat steps a. and b. until contact reverse works properly.

*If you don’t have a 2" x 4" board handy, any object 1-1/2 inches high that can withstand being hit by the garage door without sustaining damage is fine.

**NOTE:** If door is stopping but not reversing, “CLOSE” limit switch must be moved closer to door.

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**SECT 8—BATTERY & VISOR CLIP**

1. **Install/replace battery Fig. 8-1.**
   - Using a pen or similar object, gently push in on tab.
   - Cover snaps open. Remove old battery.
   - Observe polarity markings (+,-) inside battery compartment.
   - Match new battery to polarity markings and instal new **EVEREADY** A23, 12 Volt battery.
   - Replace battery cover.

**NOTE:** Use only **EVEREADY** A23, 12 Volt battery.

2. **Attach visor clip Fig. 6-1.**
   - Slide clip in slot on back of remote control.
     - Snap in place.
**PROGRAMMING REMOTE CONTROLS**

**NOTE:** Each remote device must be programmed separately.

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**WARNING**

Moving door can cause serious injury or death.
- Keep people clear of opening while door is moving.
- Do not allow children to play with remote controls.

If Safety reverse does not work properly:
- Close door and disconnect operator using emergency release.
- Do not use door operator, remote controls, or wireless keypad.
- Refer to door and door operator owner’s manuals before attempting any repairs.

**NOTE:** Remote controls will not close door if Safe-T-Beam® malfunctions.

**NOTE:** When programming remote control, it must be at least 24 inches from the antenna.

1. **Program one button remote.**
   - Lower lens cover.
   - Locate learn code button and learn indicator on power head **Fig. 9-1**.
   - Press and release learn code button.
     - Red learn indicator blinks 2 times per second.
   - Press remote control button once within 30 seconds.
     - Red learn indicator stays lit.
   - Press remote control button again.
     - Red indicator goes out and memory is stored.

**NOTE:** If red indicator blinks approximately 4 times per second, programming has stopped. If programming stops, repeat above steps.

2. **Program multi-button remote.**
   - Repeat step 1 above “Program one-button remote” for each button and operator.

**NOTE:** Each button on a multi-button remote control is for a different operator. You cannot use more than one button on a multi-button remote for a single door.

3. **Operating remote.**
   - Press button once:
     - If door is at up or down limit, door will move away from that limit.
     - If door is stopped between limits, it will move toward the limit where it was last stopped.
     - If door is moving, it will stop.

**NOTE:** Door automatically stops at end of open or close cycle.

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**FCC and IC CERTIFIED**

This device complies with FCC Part 15 and RSS 210 of Industry Canada. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Re-orient or relocate the receiver antenna.
- Increase the separation between the operator and receiver.
- Connect the operator into an outlet on a circuit different from that to which the appliance is connected.
- Consult the dealer.

Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.