INSTALLATION INSTRUCTIONS

For Sectional Type Doors

IMPORTANT SAFETY NOTES

Please read the instructions carefully! This garage door operator is designed to provide safe and reliable service if installed and used as described in these instructions. A garage door is the largest mechanical assembly in your residence. Care must be taken to prevent injury or death during installation, and operation of the garage door and garage door operator.

IMPORTANT INSTALLATION SAFETY INSTRUCTIONS

These measures are used to indicate possible hazards that may cause serious injury or death.

1. Read and follow all installation instructions.
2. Install only on a properly balanced garage door. An improperly balanced garage door could result in severe injury or death. Repairs to cables, springs, etc., and other hardware must be made by qualified service personnel before installing the operator.
3. Use the operator only with sectional overhead doors no more than 12 ft. tall.
4. Disable and remove all ropes connected to the garage door before installing the operator. Ropes connected to a garage door can cause entanglement and death.
5. If possible, install door operator 7 ft. or more above the floor with the normal release handles mounted 6 ft. above the floor.
6. Do not connect the operator to the power source until instructed to do so.
7. Locate the wall station about 1 ft. above the center of the door, or the height set by the installer at the job site. (See door manufacturer’s instructions.)
8. Never install a garage door operator in the garage if your residence contains a water heater that is located in the garage. This is a safety hazard.
9. Do not install garage door operators in any vertical location where the unit could be exposed to direct sunlight.
10. Connect the door to the operator with the chain or belt drive only when the garage door is 5 in. or more from the floor.

1. Hang the Operator

Install the operator according to instructions that came with the garage door.

2. Attach the Chain to the Garage Door

Connect the chain to the garage door by passing the chain through the center line of the garage door and over the trolley. Line up door arms until trolley is positioned as shown.

3. Connect the Safety Beam

Connect the safety beam bracket to the door by first selecting the proper safety beam bracket and then securing it to the door with the installation screws. The safety beam sensor will not detect the beam unless it is installed correctly. If the hole does not line up, reposition the bracket and tighten the screws.

4. Attach the Header Bracket to the Ceiling

Align the rail over the center of the operator head and the rail should be close to level.

5. Install the Bracket

Hold the bracket over the center line above the header bracket and then lower it to the desired level.

6. Connect the Operator to Power Source

Connect the operator to power source. See manufacturer’s instructions for instructions on connecting the operator to power source.

7. Test the Door Open and Close

Close the door.

8. Test the Door Balancer

Close the door and the garage door should stop.

9. Test the Door Balance

Close the door and the garage door should stop.

10. Connect the Operator to Power Source

Connect the operator to power source. See manufacturer’s instructions for instructions on connecting the operator to power source.

WARNING

To prevent electrocution or fire, installation and electrical work must be performed by a qualified electrician.

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Adjusting the infrared safety beam

When the safety beam has been compromised, a sensor and a receiver. The sensor produces a narrow infrared beam that crosses the door opening. If an object interrupts the beam, the door is stopped and reversed.

To test the safety reversibility system:

1. Open the door all the way.
2. Place a flat 2 x 4 board at the center of the door.
3. Close the door slowly.
4. When the door contacts the board, it should reverse and stop.

If the door does not reverse when it contacts the board, follow these steps:

1. Make sure the safety beam is properly aligned.
2. Check that the safety beam leaves enough room to clear the door when it opens.
3. If the problem persists, contact a qualified service person.

Adjusting the force factor setting

For chain-drive rails, examine the spacing between the safety beam light and the chain. For screw-drive rails, examine the spacing between the safety beam light and the trolley. For belt-drive rails, examine the spacing between the safety beam light and the trolley. For screw-drive rails, examine the spacing between the safety beam light and the drive rail. For belt-drive rails, examine the spacing between the safety beam light and the drive rail.

To adjust the force factor setting:

1. Open the door all the way.
2. Place a flat 2 x 4 board at the center of the door.
3. Close the door slowly.
4. When the door contacts the board, it should reverse and stop.
5. If the door does not reverse when it contacts the board, follow these steps:

   a. Make sure the safety beam is properly aligned.
   b. Check that the safety beam leaves enough room to clear the door when it opens.
   c. If the problem persists, contact a qualified service person.

Adjusting the limit settings

To adjust the limit settings:

1. Open the door all the way.
2. Place a flat 2 x 4 board at the center of the door.
3. Close the door slowly.
4. When the door contacts the board, it should reverse and stop.
5. If the door does not reverse when it contacts the board, follow these steps:

   a. Make sure the safety beam is properly aligned.
   b. Check that the safety beam leaves enough room to clear the door when it opens.
   c. If the problem persists, contact a qualified service person.

Adding or removing a remote

To add or remove a remote:

1. Press and hold the operator's LEARN button for ten seconds.
2. Press the code button for the remote you want to add or remove.
3. The red light will flash once and turn on for about 15 seconds.
4. After changing the force factor setting, perform the Safety Reversal Test.

Using the garage door operator

IMPORTANT USER SAFETY INSTRUCTIONS

A MOVING GARAGE DOOR CAN CAUSE INJURY OR DEATH!

To reduce the risk of injury or death:

1. Read and follow all installation instructions.
2. Never let children play with or around garage door control or remote control button(s)!
3. Keep control buttons or remote control button(s) out of reach of children.
4. No one should cross the path of the moving door.
5. Never go under a partially opened door.
6. Make sure the operator is securely mounted above the door opening.

NOTE: Do not attempt to use or adjust the door operator while it is on vacation mode.

NOTE: Do not attempt to use or adjust the door operator while it is in the test mode.

NOTE: Do not attempt to use or adjust the door operator while it is in the programming mode.

NOTE: Do not attempt to use or adjust the door operator while it is in the auto-adjust mode.

NOTE: Do not attempt to use or adjust the door operator while it is in the limit of travel mode.

NOTE: Do not attempt to use or adjust the door operator while it is in the arm position.

NOTE: Do not attempt to use or adjust the door operator while it is in the disarm position.

NOTE: Do not attempt to use or adjust the door operator while it is in the manual position.

NOTE: Do not attempt to use or adjust the door operator while it is in the diagnostic mode.

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