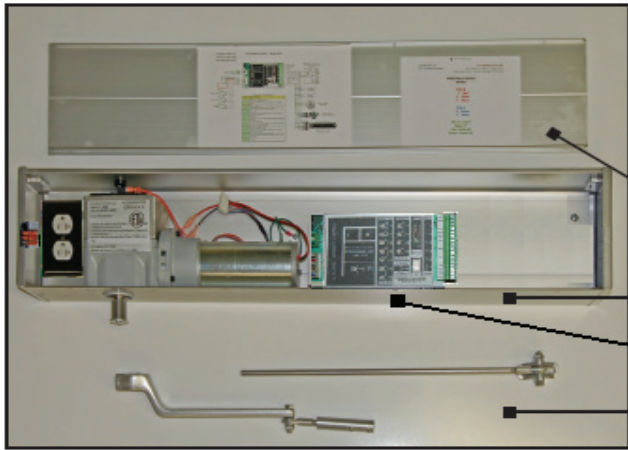


Quick Install Guide For Model AO19 Low Energy Automatic Door Operator Push Type

July 3, 2008



Cover

AO19 Low Energy
Automatic Door Operator
Controller Module
P/N 104792

3-Point Arm Assy.-Push
P/N 104798

Parts Needed

1. Header Box/Cover
2. AO19 Operator
3. 3-Point Arm Assy – Push
4. Controller Module

Tools Required

1. Phillips Screwdriver
2. Vise Clamps
3. Ladder
4. Appropriate screws to secure to wall
5. Safety Glasses

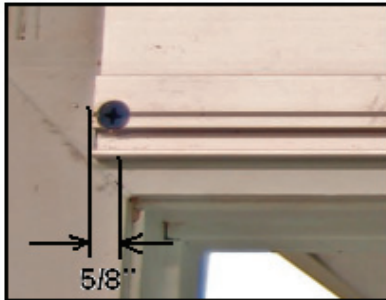
INSTALLATION – PUSH MODEL

1. INSTALLATION PREPARATION

- Locate Phillips screws inside at the top corners.
- Remove these screws and separate the header from the hanger plate



2. INSTALLATION OF HANGER PLATE



- The hanger plate should be located 5/8" from the outside edge of the hinge jam.
- It should be level and flush with the bottom of the header.

Note: Secure to solid foundation or wall studs.



- Secure hanger plate with vise clamps to the header and drill 3/16" holes.
- Fasten hanger plate.

3. PLACE OPERATOR ON HANGER PLATE

- Lift the operator and lower into webs of the hanger plate. Ensure both top and bottom are engaged.
- Once seated, gently pull down until the unit is completely flush and secure with screws on top corners.



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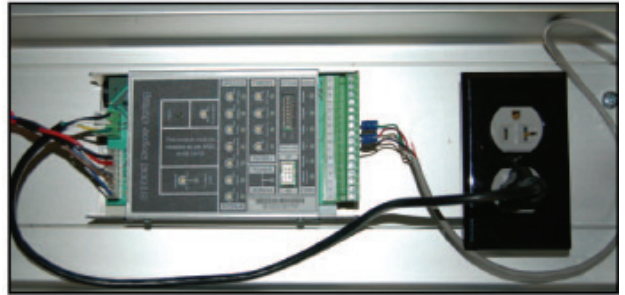
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Note: Refer to installation instructions

4. CONTROL / ARM INSTALLATION PROP DOOR IN FULL OPEN POSITION

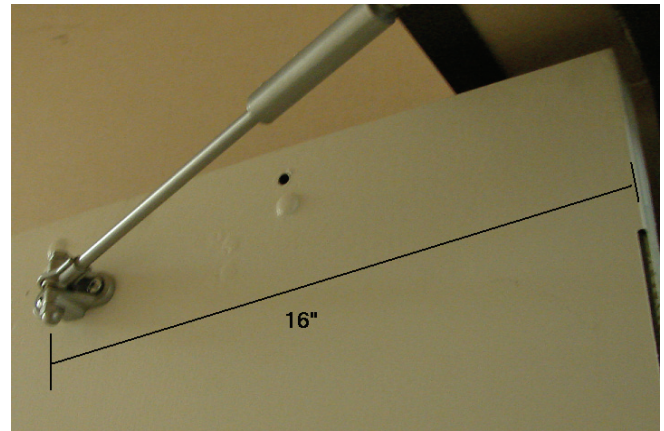
- Remove control module from shipping box.
- Secure the control module to header using Velcro provided.
- Plug motor gear box assembly 110 power into control module.
- Turn “open” and “back check” speed up to ensure the motor gear box opens all the way. Turn 3-way toggle switch to “Hold Open” position.
- Once the motor gear box fully rotates to hold open position, attach the arm onto the splined shaft so it is pointed at 60 – 70 degrees angle through the door.

Note: Once the arm is in place, you should not be able to push it past the 60/70 degree mark. If you are able to push it past the mark, turn the unit off, then turn “open” and “back check” speed up and repeat instructions.



5. ARM AND FOOT PLACEMENT

- The door foot will be located 16" center from the hinge side of the door panel and will be level when the rod is inserted in sleeve attachment to arm.
- With the operator at full open, hold the steel rod next to the rod connector at the end of the arm.
- Cut the rod then attach door foot to door.
- Place rod into connector with door in full open position.
- Tighten set screws.



6. ARM POSITION FOR PUSH UNITS

- After header is secure, activate unit and open door to 90 degrees.
- Put the arm on so that the end is rotated beyond the edge of the operator case.
- Locate the door foot 16 ½" from the heel of the door.

Note: Refer to installation instructions

