



The Authority in Custom Motorized Lifts

# INSTALLATION MANUAL



## PLASMA CEILING DROP-DOWN MODELS:

### PLASMA DROP-DOWN

- 1000-PC
- 1000.5-PC
- 1001-PC
- 1002-PC
- 1003-PC
- 1004-PC

### PLASMA DROP-DOWN WITH SWIVEL

- 1000-PCS
- 1000.5-PCS
- 1001-PCS
- 1002-PCS
- 1003-PCS
- 1004-PCS

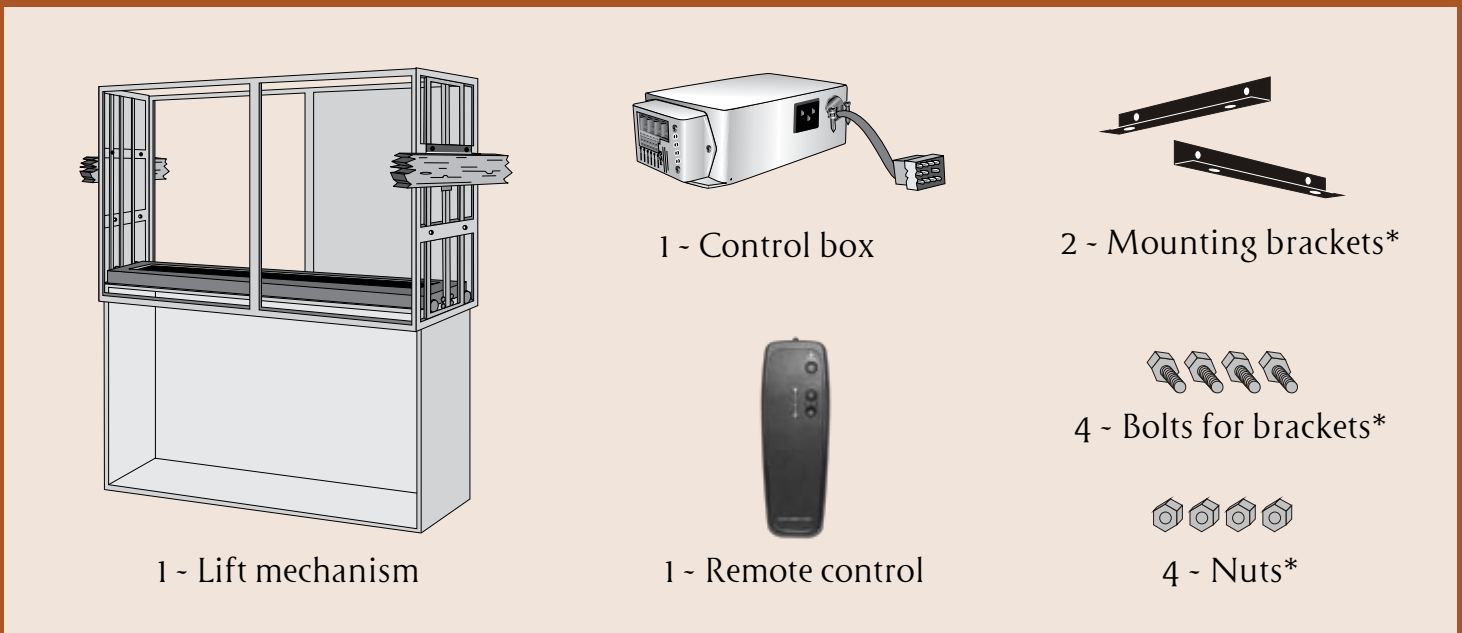
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## CONTENTS:



\* Pre-installed on CP units - not included on LCD units

## STEP 1: TESTING

Use the guide below to assemble your new AUTON lift. If your unit came pre-assembled, go to the next page.

- A. Place the unit on a flat surface.
- B. Connect the molex cords between the lift and the electronic box.
- C. Plug power cord into 115VAC outlet.
- D. Make sure all wires are routed away from gears and rack



### CAUTION:

Do not operate lift while hands are in close proximity to moving parts.

## STEP 2: INSTALLATION

Each application may require various installation techniques. Please contact Auton for additional assistance.

### OPTION 1:

- A. Attach mounting brackets to lift.
- B. Place brackets on pre-installed supports

### OPTION 1:

- A. Attach mounting brackets to lift.
- B. Connect mounting brackets to 1/2" threaded ceiling rods

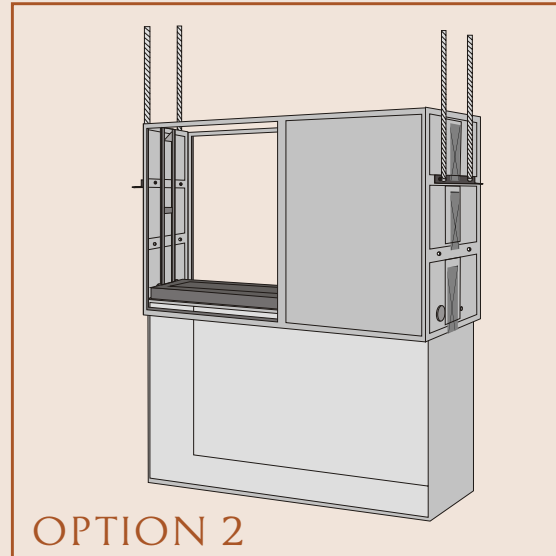
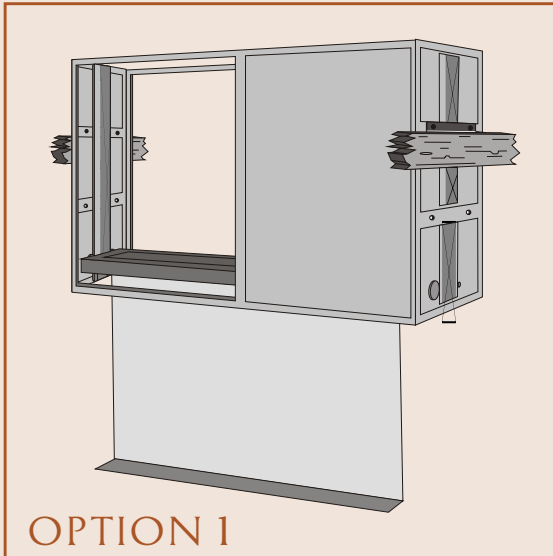
**INSTALLATION SUPPORT:** We take great pride in knowing that we manufacture the best lift systems in the world. Our design and production techniques enable simple installation. However, unexpected issues may arise during installation. In the event that you require assistance, do not hesitate to contact one of our technicians. We will be happy to answer your questions and resolve any problems you encounter during the installation process. Phone Support: 661-257-9282, ext. 104 • Email Support: [tech@auton.com](mailto:tech@auton.com)



**CAUTION:**  
Dropping or jarring unit by hitting walls, ceilings, or other objects may cause misalignment of lift.

## INSTALLATION DIAGRAMS

Shown with wooden box & optional back board support



## STEP 3: ADJUST LIMIT SWITCHES

The Auton lift utilizes limit switches to control your preferred positioning of the unit.

The limit switches are located on the motor. The top switch controls the lift's ending position and the bottom switch controls the lift's starting position.



Turn the adjusting screw with a hex key or flathead screwdriver. To prevent over-adjustment, turn screw in very small increments. Each full turn of the screw corresponds to 3/8" in travel.

- A. **STARTING POSITION:** Turn the bottom screw clockwise to raise the lift's starting position. Turn the screw counterclockwise to lower the lift's starting position.
- B. **ENDING POSITION:** Turn the top screw clockwise to allow the lift to lower more. Turn the screw counterclockwise to raise the lift's position.
- C. To test positioning run the lift approximately 6" in the opposite direction, stop and then reverse lift motion.

\*If positioning requires more than 5 cycles of the lift, the built-in thermal overload protector will disable the motor to prevent overheating and possible damage. The unit will automatically re-set itself within 20-30 seconds.

# STEP 4: Operation Instructions

## MULTI-FUNCTION CONTROLLER

The multi-function controller operates with RF (Radio Frequency), IR (Infrared) and LV (Low Voltage) simultaneously and has 7 buttons:

- 1) Up - Press and release for up motion
- 2) Down - Press and release for down motion
- 3) Left - Press and release for swivel left motion (on swivel models only)
- 4) Right - Press and release for swivel right motion (on swivel models only)
- 5) Stop - Press and release for stop motion
- 6) Preset 1 - Press and release for Preset 1 position (See below to program position)
- 7) Preset 2 - Press and release for Preset 2 position (See below to program position)



### Additional Button Functions:

- A) When in motion, press the opposite direction.  
The lift will pause for 1 second and then reverse direction.
- B) When in motion, press the same button direction.  
The lift will stop.
- C) When the swivel is not in center position, press the "Down" button to return to center and stay without retracting.
- D) When the swivel is not in center position, press the "Up" button to return to center and retract to "home" position.

### Programming Preset Positions:

The multi-function remote has two programmable preset buttons. Use buttons 1-5 to move lift to desired position. Once there, press and hold a preset button for 5 seconds to "learn" preset position. You will hear a relay click from the receiver confirming the position has been learned. You can also repeat the procedure above to "relearn" a different preset position. Easily override the preset position by using the swivel buttons to move the swivel to another desired position.

