



The Authority in Custom Motorized Lifts

INSTALLATION MANUAL

PLASMA CEILING FLIP-DOWN MODELS:

PLASMA CEILING FLIP-DOWN

1000.5-FD

1001-FD

1002-FD

1003-FD



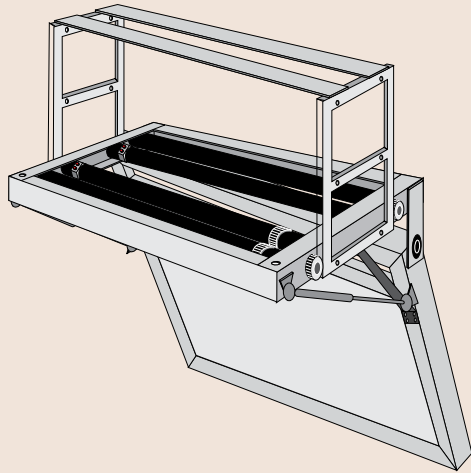
WWW.AUTON.COM

2755 Avenue Scott | Valencia, California 91355

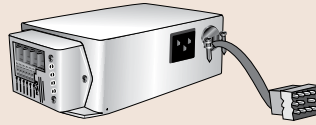
Phone: 661-257-9282 | Fax: 661-295-5638

E-mail: tvlifts@auton.com

CONTENTS:



1 - Lift mechanism



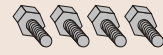
1 - Control box



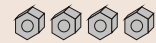
2 - Mounting brackets*



1 - Remote control



4 - Bolts for brackets*



4 - Nuts*

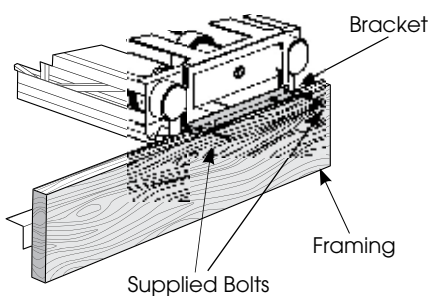
* Pre-installed on CP units - not included on LCD units

STEP 1: INSTALLATION



CAUTION:

Two people are needed to position lift into the installation site. Always ensure that adequate safety measures have been taken to avoid loss of balance when raising the lift into the installation location.



- A. Attach the mounting brackets firmly to the lift mechanism.
- B. Securely attach the lift to your construction framing.

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



CAUTION:

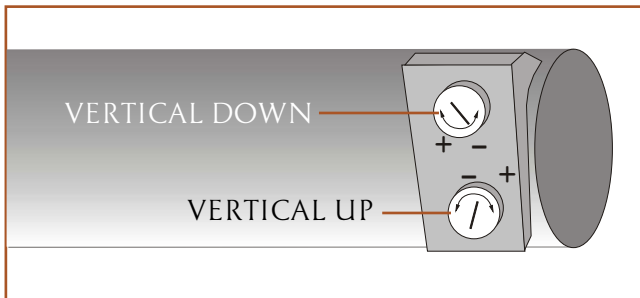
Dropping or jarring unit by hitting walls, ceilings, or other objects may cause misalignment of lift.

STEP 2: ADJUST MOTOR & LIMIT SWITCHES

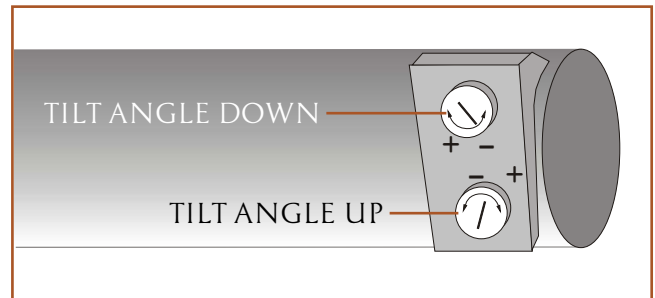
Your Auton Plasma Flip-Down utilizes two motors to control operation. The front motor controls the vertical operation and the rear motor controls the tilt angle. The motors are connected in series and are controlled by limit switches.

Limit switches are preset at the factory for optimal positioning and performance. It is **NOT RECOMMENDED TO RESET THE SWITCHES**. However, if you must reset the switches, follow the instructions below.

FRONT MOTOR



BACK MOTOR



1. Before decreasing “up” or “down” travel, run the lift in the opposite direction for approximately 6” and stop.
2. Use a hex key or flathead screwdriver to turn the top screw clockwise to increase the up travel.
3. Turn counter-clockwise to decrease the down travel.



NOTE:

When adjusting the limit switches, turn the adjusting screw in very small increments so over-adjustment doesn't occur. Each full turn of the screw corresponds to 3/8” in travel.

*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 3: Operation Instructions

MULTI-FUNCTION CONTROLLER

The multi-function controller operates with RF (Radio Frequency), IR (Infrared) and LV (Low Voltage) simultaneously and has 3 buttons:

- 1) Stop - Press and release for stop motion
- 2) Down - Press and release for down motion
- 3) Up - Press and release for up motion

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.

