

The following information is quick guide to adjust the opening and closing of the front hood of AIPG units. The mechanism is a spring assisted weight compensation system. It is meant to counter the weight when opening the hood and pull back weight past its balance point once the hood is opened.

If the AIPG BBQ unit is not fixed to a countertop, and just resting by its own weight on top of the countertop, use the SIDE adjustment method. If the unit is permanently mounted (fixed with silicone) into a countertop or mounted in a cart, use the FRONT adjustment method.

## SIDE ADJUSTMENT: (BBQ NOT FIXED IN PLACE)

If the AIPG BBQ is not permanently fixed to the countertop, we recommend sliding the BBQ forward approximately 3" in order to access the adjustment screws outlined on the previous section.

It is a much straight forward approach, as the smoker and accessory drawer does not need to be removed.

- Simply grab the AIPG BBQ from the rear hood and pull the BBQ forward sliding it.
- **WARNING:** The BBQ is very heavy. Do not slide more than 3" between the front side mullions and your countertop front face, as it is not necessary.



With the AIPG-BBQ slid forward, you will find the adjustments screws are accessible from the sides.

On each side of the AIPG BBQ you will find 2 access locations to adjust the front hood position when closing or opening.

- The Hood Closing Screw is immediately behind the front mullion on each side.
- The Hood Opening Screw is approximately 2" behind and lower than the closing screws.

The screws are adjustable by using a:

- **7/16" open wrench.**



The top adjustment screws are the CLOSING screws.  
(related to the front gap when closing the hood).

- **COUNTER CLOCKWISE** (unscrewing) will increase the spring pressure and OPEN the hood.
- **CLOCKWISE** (screwing) will decrease spring pressure and CLOSE the hood.

To adjust, open the hood slightly (6 ~ 12") to release spring support pressure and adjust the screws. It will make it easier without any spring pressure.

Adjust the top screws (hood closing screws) **EQUALLY** on both sides, **1/2 to 1 turn at a time**, to balance both sides at the same time.

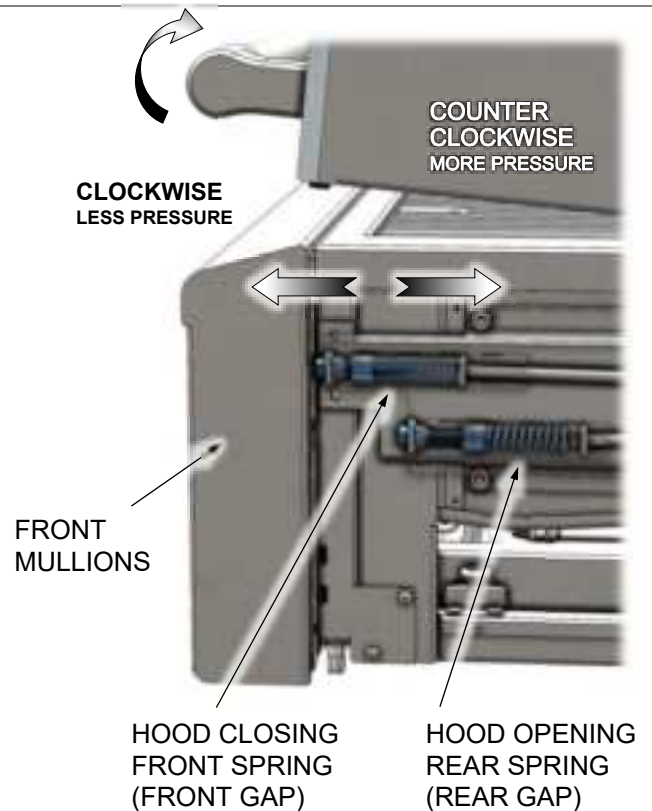
- Lower the hood and check the gap between the hoods' rubber bumper corner stops and the perimeter rim (being the front bullnose).
- Adjust the screws until the bumpers barely touch.
- If you over adjust the springs and they are very tight, the bumper stops might not fully touch the perimeter rim.
- If that is the case, adjust the screw clockwise 1/4 to 1/2 turn to decrease spring pressure and allow the bumpers to rest on the perimeter rim.

Additionally, if necessary, adjust the Hood Opening Screws and check the hood rear gap to the perimeter rim when fully open.

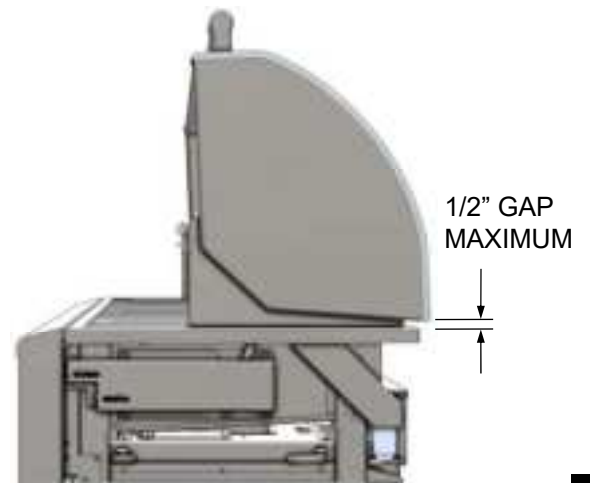
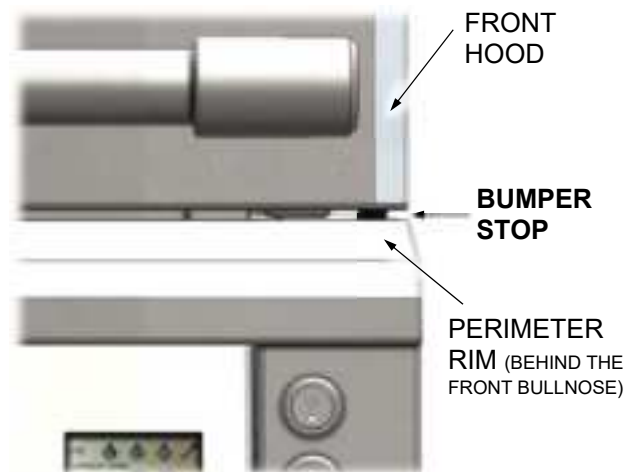
- Test by opening the front hood all the way back, until fully open.
- When fully open, the hood should not touch the rear perimeter rim and there should be approximately 1/2" gap to the perimeter rim.
- If the hood IS touching, turn both screws **counter clockwise** to increase spring pressure and prevent the front hood from touching the perimeter.

Once the hood is fully adjusted, push the AIPG BBQ back into the counter until the side mullions contact the front of your counter unit.

Your Front Hood Adjustment is now completed.



**NOTE:** COVER REMOVED FROM VIEW TO SHOW COMPONENTS ONLY. DO NOT REMOVE THE COVER AS IT IS NOT NECESSARY FOR ADJUST-

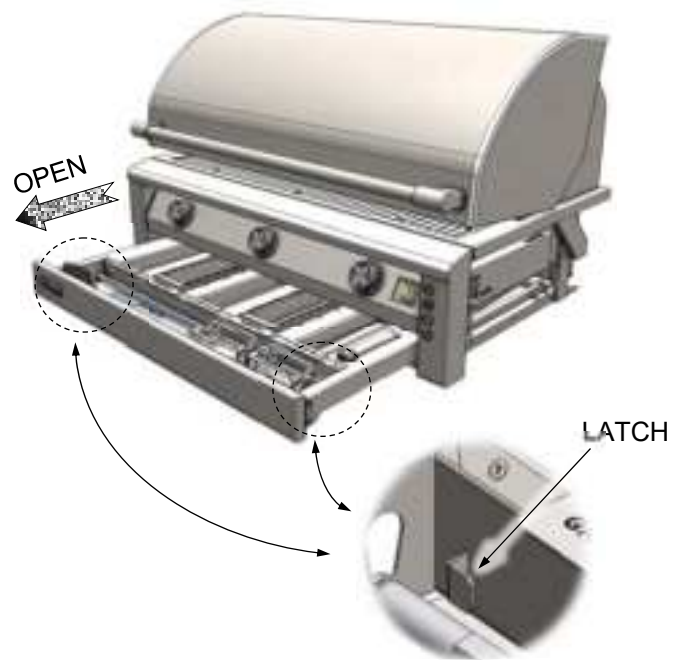


## FRONT ADJUSTMENT: (BBQ FIXED IN PLACE)

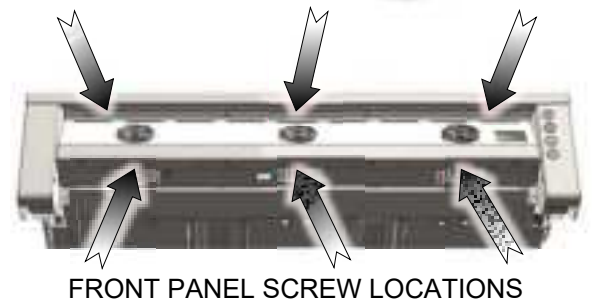
- Unplug the AIPG BBQ from its power source.
- Open the front drawer.
- Remove all accessories to reduce drawer weight.
- Press the side latches to release the drawer.

**WARNING:** The drawer is very heavy (20 ~ 25 lbs), use help and assistance if needed.

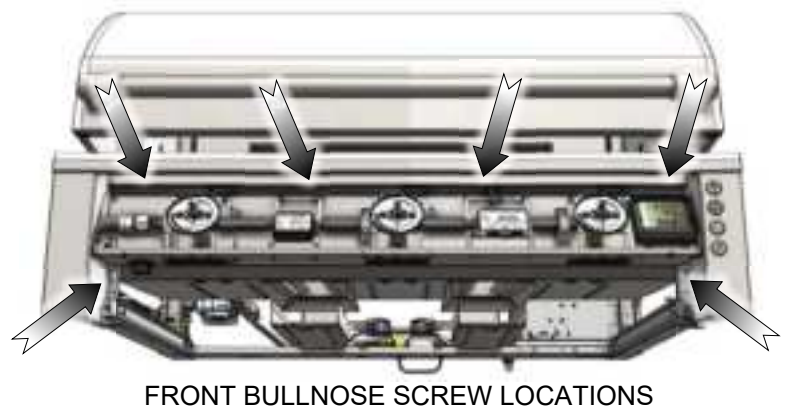
- Pull back the drawer until it is released from the side track guides. Set aside.
- Remove the main burners gas knobs by pulling them straight off of the gas valve stems.



- Remove the front panel, by using a Philips # 2 (medium size) screwdriver. There are a total of 6 screws as shown on the right.



- Remove the front bullnose assembly by removing 6 screws as indicated on the right.
- Lift the bullnose forward and disconnect the electrical harness for the switches on the right side of the bullnose. Set aside



On each side of the front of the AIPG BBQ you will find 4 access locations to adjust the front hood position when closing or opening.

You can adjust the screws using the following tools:

- **7/16" Socket and Wrench or**
- **3/16" Allen Key.**



The top adjustment screws are the **CLOSING** screws (related to the front gap when closing the hood).

To adjust, open the hood slightly (6 ~ 12") and adjust the screws to release support pressure:

- **COUNTER CLOCKWISE** (unscrewing) will increase the spring pressure and **OPEN** the hood.
- **CLOCKWISE** (screwing) will decrease spring pressure and **CLOSE** the hood.

Adjust the top screws (hood closing screws) **EQUALLY** on both sides **1/2 to 1 turn at a time**, to balance both sides at the same time.

- Lower the hood and check the gap between the hoods' rubber bumper corner stops and the perimeter rim (being the front bullnose).
- Adjust the screws until the bumpers barely touch.
- If you over adjust the springs and they are very tight, the bumper stops might not fully touch the perimeter rim.
- If that is the case, adjust the screw clockwise 1/4 to 1/2 turn to decrease spring pressure and allow the bumpers to rest on the perimeter rim.

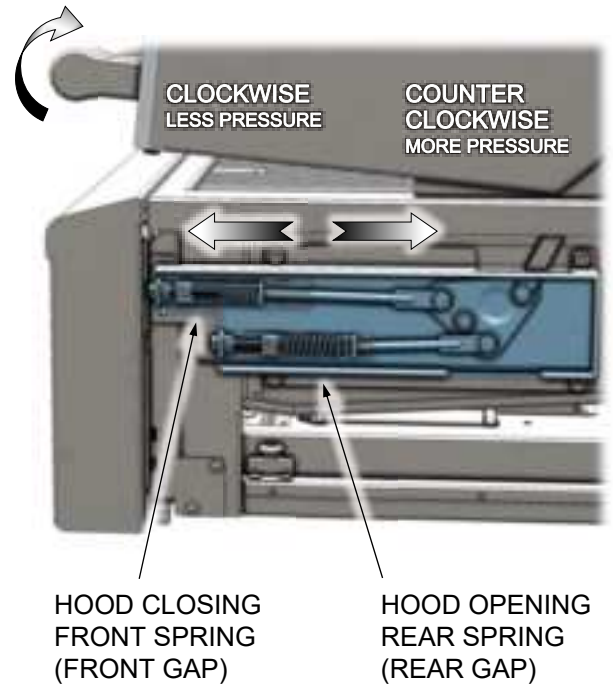
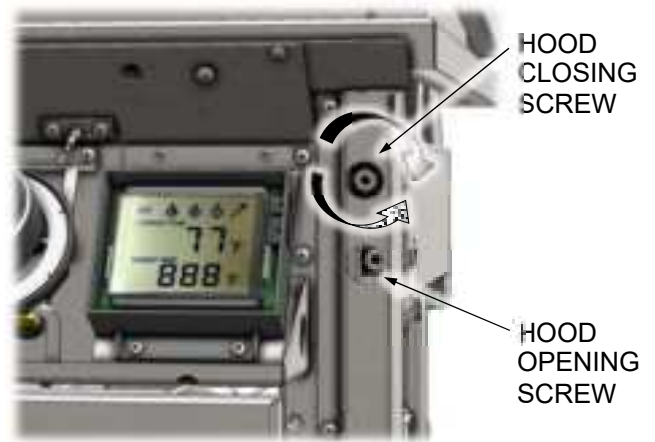
If necessary, adjust the bottom screws (hood opening screws) **EQUALLY** on both sides **1/2 to 1 turn at a time**, to balance both sides at the same time.

- Test by opening the front hood all the way, until fully open.
- When fully open, the hood should not touch the rear perimeter rim and there should be approximately 1/2" gap to the perimeter rim. (see page 2)
- This gap allows the front hood to rest fully open without touching the perimeter. (see page 2)
- If the hood IS touching, turn both screws **counter clockwise** to increase spring pressure and prevent the front hood from touching the perimeter.

Once the Front Hood is fully adjusted, reinstall the front bullnose perimeter. As shown in page 3 following the steps backwards.

Reconnect the harness to the front switches and re-install the front control panel. Finish by reinstalling gas valve knobs into the stems of the valves.

Your Front Hood adjustment is now complete.



**NOTE:**  
COVER REMOVED FROM VIEW TO SHOW COMPONENTS ONLY. DO NOT REMOVE THE COVER AS IT IS NOT NECESSARY FOR ADJUSTMENT.