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AutoLevel® AutoAir™

Operators Guide – GULF STREAM Class C

Pressure Switch System

In the fall of 2005, Equalizer Systems made an engineering change in the Manual leveling system used in the Gulf Stream Class C coaches. These systems now use a pressure switch to monitor the status of the jack legs (in lieu of the leg switches)

This change is nearly seamless, however, some minor operational differences exist. Operation of the pressure switch system is outlined below.

- **Power On:** The power to the unit must be turned on before any function can be attempted. You will need to have the ignition key in the “off” or “auxiliary” power position (depending on the wiring scheme). The jacks will not extend with the key in the “on” position. You may also need to have the park brake set or the drivers seat fully forward (again, depending on the wiring scheme). Push and release the POWER touch pad button to engage power. The POWER button should be lit GREEN when power is on.

You will note that the pump will cycle “on” for approximately 2 seconds when the control panel power or the ignition key is turned “on”. This is to verify that the jacklegs are in the fully stowed position. If the legs are deployed or not fully in the stowed position, the panel will alarm.

- **Planting the Jacks:** On Conquest Motorhomes, the two front hydraulic jacks will operate in tandem by pushing either the LF or RF DOWN ∇ touch pads. The jacks will operate in tandem, but will work independently by transferring fluid from one side to the other. Using either front DOWN ∇ touch pad button, extend the front jacks until they contact the ground (this is referred to as “planting” the jacks). As you extend the jacks, the LED indicators positioned on the panel will indicate the jacks are out of the “stowed” position. Using the DOWN ∇ touch pad buttons, the rear jacks may be operated individually or in pairs. Do not manually overextend individual jacks. This may cause unwanted stress on the coach or the jacklegs.

- **Leveling the Coach:** The LF and RF jacks are used to level the coach from front to rear. The LR and RR jacks are used to level the coach from side to side.

Use a bubble level on a flat surface in the center of the coach as a reference. Level the vehicle by using DOWN ▽ or UP Δ touch pad buttons until the vehicle is level. Rear jacks may be operated individually or in pairs as long as they are operated in the same direction. Do not attempt to lift the vehicle off of the tires.

For example, if the coach were to be parked on a left to right decline, where the left side sits higher than the right, the RR jack can be extended to overcome the slope. When doing so, there will be a transfer of fluid from the LF jack to the RF jack allowing the coach to level and stabilize.

The panel may be turned off once level has been achieved.

- **Retracting the Jacks:** The Equalizer System provides the ability to retract the jacks using the ALL RETRACT touch pad button. All 4 hydraulic jacks will automatically retract. You may retract the jacks with the key in the “on” or “off” position.

The pump will run for a total of 60 seconds and jacks will automatically return to the stowed position when the ALL RETRACT touch pad is pressed and released. As a convenience, the operator may press ALL RETRACT and walk away; the pump will stop after 60 seconds. As always, the operator may choose to stop the ALL RETRACT process after the LED indicators are extinguished by pressing and releasing the ALL RETRACT touch pad.

Note: Manual retraction of an individual jack(s) via the UP Δ touch pad buttons is permitted three times (total) for 5 seconds per each attempt. Following three tries, the system will require you to extend the jack slightly to ‘reset’ the pressure switch. You can then repeat the three attempts for 5 seconds per each attempt.

Important Precautions

1. Make sure there are no obstructions in the extend or retract paths of the jacks.
2. Do not use the jacks to change the tires. The system is designed as a leveling and stabilizing system and is not meant to lift the coach off the tires.
3. Do not use the jacks as stands to perform service work under or near the coach.
4. Do not operate any system functions while anyone is under the coach.
5. Do not attempt to operate the system while the vehicle is in motion.