

# OPERATION MANUAL

*Includes Warranty Information, Precautions and Troubleshooting Guide*

Read all precautions and instructions in this manual before using this equipment. Save this manual for future reference.



www.equalizersystems.com



## START HERE!

## IMPORTANT PRECAUTIONS

1. Make sure that there are no obstructions in the extend or retract paths of the jacks.
2. Do not use the jacks to change the tires. This system is designed as a leveling and stabilizing device and is not meant to lift the vehicle off the tires.
3. Do not use the jacks as stands to perform service work under the vehicle.
4. Do not operate any system functions while anyone is under the vehicle.
5. Do not attempt to perform any technical repairs without consulting an Equalizer Systems authorized representative. Failure to do so may void the warranty.
6. Do not attempt to operate the system while the vehicle is in motion.
7. Do not allow excess movement in the vehicle during the AUTO-LEVEL™ operation. This could cause the system to not level properly.

## WARRANTY

The Equalizer System shall have the following warranty coverage:

100% parts coverage for all defective parts for a period of three (3) years and 100% labor coverage for replacement of any defective parts, including shipping, for a period of one (1) year. This warranty period shall begin on the date when the Equalizer System enters into service. If the part is found to be defective, Equalizer Systems shall pay parts and shipping expense for the defective part for a period of one year. Equalizer Systems reserves the right to authorize repair, parts, replacement, shipping costs, and/or any expense having to do with warranty service, prior to any work or shipping expense is incurred. Equalizer Systems also reserves the right to authorize the location and technician to perform the service.

In the event that service must be performed, Equalizer Systems will provide labor coverage only for the allotted time issued on the "Equalizer Systems Parts Replacement Schedule" at a reasonable shop rate. Reasonable shop rates will be determined by Equalizer Systems.

Equalizer Systems will not be responsible for improper installations, damage due to improper installation, or service, performed by parties other than Equalizer Systems. Equalizer Systems will not be responsible for any damage due to abuse, neglect, misuse, negligence, misapplication, error of operation, accidental or purposeful damage. This warranty extends to the Equalizer System only, and does not extend to the vehicle to which the Equalizer System is attached or any other apparatus or property, loss of time, manufacturing costs, labor material, loss of profits, consequential damages direct or indirect or incidental damages, whether due to rights arising under this warranty or otherwise, and whether a claim for damages is based on contract, tort, or warranty.

Written permission for any warranty claim return must be first obtained from authorized Equalizer Systems personnel. All warranty parts must be accompanied by a complete written explanation of claimed defects and the circumstances of failure.

Products manufactured or sold by Equalizer Systems are not warranted expressly or by implication for merchantability or fitness for a particular use, notwithstanding any disclosure to Equalizer Systems of the use to which the product is to be put. This express warranty is the sole warranty of Equalizer Systems. Equalizer Systems does not authorize the sale of its products under any other warranty or guarantee, expressed or implied.

This warranty voids all previous issues. Effective date: November 1, 2002. Any questions concerning this product warranty should be directed to:



Equalizer Systems  
P.O. Box 668, 55169 CR 3 North  
Elkhart, IN 46515  
Phone: (574) 264-3437 Fax: (574) 266-6083

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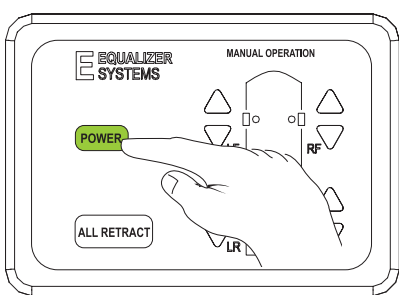
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Place  
First Class  
Stamp  
Here

Equalizer Systems  
P.O. Box 668  
Elkhart, IN 46515

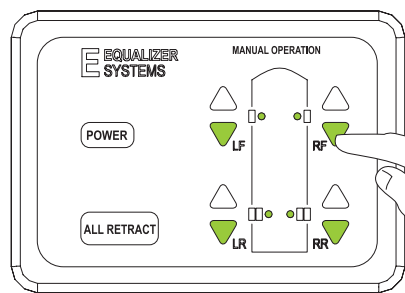
# MANUAL OPERATION

## 1 TURN ON POWER



The power to the unit must be turned on before any function can be attempted. Depending on the vehicle manufacturer, you may need to have the ignition key in the OFF or AUXILIARY power position or the parking brake must be set to turn the control panel on. Push the POWER touch pad to engage power. The POWER touch pad should be lit when power is on.

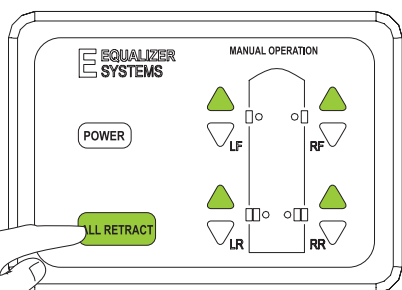
## 2 PLANTING THE JACKS



Using the Down ▽ touch pad, extend each jack until they come in contact with the ground. As you extend each jack, an LED light positioned on the panel will indicate the jack to be out of the stowed position. Jacks may be operated individually or in pairs. Do not over extend individual jacks. This may cause unwanted stress on the vehicle.

## RETRACTING THE JACKS

## 4

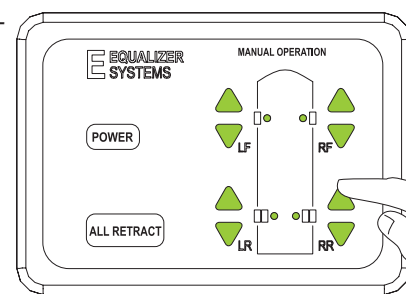


Your Equalizer System provides you with the ability to retract the jacks using the ALL RETRACT feature or the UP △ touch pads for each jack. Press and release ALL RETRACT touch pad. All jacks will automatically retract. Depending on the vehicle, full retraction may take up to 90 seconds.

## LEVELING THE COACH

## 3

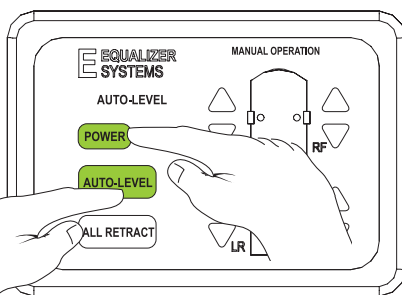
Utilizing levels mounted inside the vehicle (not provided) level the vehicle by EXTENDING ▽ or RETRACTING △ the jacks until the vehicle is level from front to rear. Jacks may be operated individually or in pairs as long as they are operated in the same direction. Do not attempt to lift the vehicle off of the tires. Once level has been achieved the power at the panel may be turned off and the ignition key returned to the off position.



# AUTO-LEVEL™ OPERATION

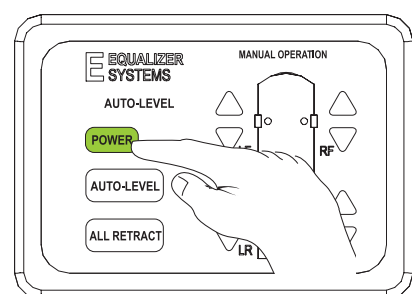
## 1 SETTING THE NULL

Initial operation only. If null is set, proceed to step 2



The null, or level position has been preset at the factory. However, if you want to change the setting, or if the coach has been dormant for more than 60 days you may need to reset the null. Once the coach is level, turn off power at the panel. Depress and hold the AutoLevel pad, depress and release the power pad and listen for a series of beeps. After the panel has beeped 5-6 times, release the AutoLevel pad. The new null is now set.

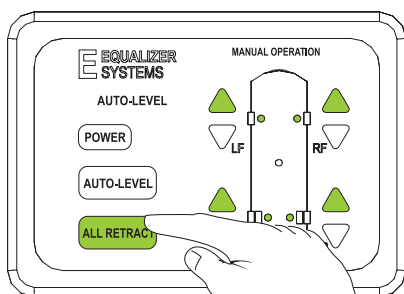
## 2 TURN ON POWER



The power to the unit must be turned on before any function can be attempted. Depending on the vehicle manufacturer, you may need to have the ignition key in the OFF or AUXILIARY power position or the parking brake must be set to turn the control panel on. Push the POWER touch pad to engage power. The power touch pad should be lit when power is on.

## RETRACTING THE JACKS

## 4

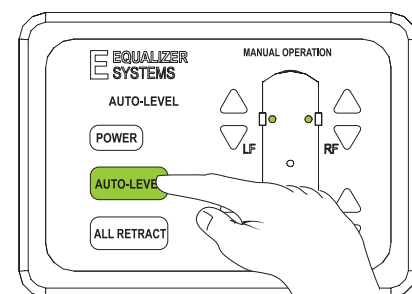


Your Equalizer System provides you with the ability to retract the jacks using the ALL RETRACT feature or the UP △ touch pads for each jack. Press and release ALL RETRACT touch pad. All jacks will automatically retract. The jacks are retracted when all of the LED's have gone out. Depending on the vehicle, full retraction may take up to 90 seconds.

## AUTO-LEVEL™ THE COACH

## 3

Press the AUTO-LEVEL™ touch pad. The system will automatically level your vehicle. The control panel will send out a series of beeps to let you know that AUTO-LEVEL™ is operating. When completed, the panel will signal a successful AutoLevel. After ten minutes, the panel will enter sleep mode.



## TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Control Panel will not turn on	Blown fuse on back of Panel or in fuse box	Replace fuse
	Broken power or ground wire	Call Tech Support
	Defective Control Panel	Call Tech Support
Panel on but jacks won't operate	Low battery voltage	Charge Vehicle batteries
	Defective Control Panel	Call Tech Support
	System Defect	Call Tech Support
Jacks will retract but not extend	Low battery voltage	Charge Vehicle batteries
	Park Brake not set	Set Park Brake
	System Null not set	Set Null (See Page 4)
	Ignition switch in wrong position	Check and change if necessary
	Defective Control Panel	Call Tech Support
Auto-Level will not level	System Defect	Call Tech Support
	System Null not set	Set Null (See Page 4)
	Damaged or defective level sensor	Check center LED on Panel - Call Tech Support
	Defective Control Panel	Call Tech Support
Auto-Level stops in mid-cycle	Defective Leg Switch	Check leg LEDs on Panel - Call Tech Support
	Low battery voltage	Charge Vehicle batteries
	Excess vehicle movement during leveling	Reset Control Panel and try again

If your problem is not listed or persists, please call Equalizer Systems at (800) 846-9659. Please gain prior authorization for warranty or service from Equalizer Systems.

## WARRANTY CARD



NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_ PRODUCT PURCHASED: \_\_\_\_\_

SERIAL NUMBER (LOCATED ON MOTOR): \_\_\_\_\_