

ATWOOD LEVELEGS SYSTEM

Guides are only intended for use on Atwood™ products by service technicians who have successfully completed Atwood™ training. This guide should be used in conjunction with the appropriate Instruction Manual provided with the product and any applicable Industry Standards. This is not intended to be a complete list. Please direct questions concerning service of Atwood™ products to 866-869-3118 option 5 before proceeding or service@atwoodmobile.com



SCROLLING LIGHTS ON KEYPAD

Cause:

Communication between keypad and control board lost.

Solution:

Check wiring between keypad and control board.

JACK CONTINUES TO CLUTCH AND WILL NOT TURN OFF

Cause:

Short jack extension followed by jack retraction.

Solution:

Put system in error mode by disconnecting one jack from power and pressing RET and ALL. Reconnect jack to power. Manually extend individual jacks for 10 seconds by holding down the EXT key and the two jack keys that make up the camper corner of that jack. Listen to insure all jacks move when manually activated. Press RET and ALL to retract all jacks.

RED AND GREEN LIGHTS COME ON FOR A SPECIFIC JACK LOCATION

Cause:

Loss of power to jack

Solution:

1. Manually extend individual jack by holding down the EXT key and the two jack keys that make up the camper corner of that jack. Listen to insure all jacks move when manually activated. Press RET and ALL to retract all jacks.
2. If jacks do not move, inspect wiring at jacks and at control board to insure proper connection.

KEY PAD WILL NOT TURN ON

Cause:

No power to key pad

Solution:

1. Insure vehicle engine is running, transmission is in 'PARK' and park brake is set.
2. Check wiring between keypad and control board.

JACKS WILL NOT MOVE

Cause:

No power to jacks

Solution:

1. Insure vehicle engine is running, transmission is in park and park brake is set.
2. If emergency stop was activated by pressing any keypad button, press 'RET' and 'ALL' to reset legs.

AUTO POSITION DOES NOT LEVEL THE COACH

Cause:

The last position in memory was not level.

Solution:

Leveler System always returns to position in memory.

1. The control board must be mounted horizontally, on a solid fixed surface and can not be more than 10 degrees out of level.
2. Manually set coach to desired position and program position into memory, following the steps in the IOM.

PANEL LIGHTS BLINK “ON” AND “OFF”

Cause:

An Auto Position is not set.

Solution:

Set the Auto Position, referring to the IOM.

TRANSMISSION LIGHT WILL NOT COME ON

Cause:

Chassis wiring fuse problem.

Solution:

Check fuse on chassis fuse box.

THE FOLLOWING ERROR MODES ARE BUILT INTO YOUR SYSTEM TO DETECT PROBLEMS.

FALSE RET (FULL RETRACTION) ERROR MODE

Cause:

For extensions greater than 20 seconds, if the retraction time for any leveler is less than the extension time (indicating premature clutching prior to full retraction), the following occurs:

1. Warning alarm will sound.
2. Power is removed from the control box disabling normal operations. (This is done to encourage operator to do a visual inspection of levelers prior to further leveling operations.)
3. The red and green LED's for the particular leveler will blink on and off to indicate the system is in an error mode.

Solution:

To proceed,

1. Press "ON". This will shut the warning alarm off.
2. Visually inspect the leveler.
3. If it is required, activate levelers to correct problem. Simultaneously press the EXTEND or RETRACT mode switch along with the adjacent two (2) leveler switches common to the lit LED's. In error mode, any leveler can be activated in this manner.
4. Complete an ALL RETRACT operation and system is now out of error mode and ready for normal operations.

NO CURRENT ERROR MODE

Cause:

During any operation if no current is detected from leveler after leveler is activated, the following occurs:

1. Warning alarm will sound.
2. Power is removed from the control box disabling normal operations.
3. The red and green LED's for that leveler will blink on and off to indicate the system is in an error mode.

Solution:

To proceed,

1. Press "ON". This will shut the warning alarm off.
2. Simultaneously hold down all four direction buttons and the "All" button. This resets the timers so controls will detect the next clutch.
3. Press "RET" and "ALL" buttons. The system is now out of error mode and ready for normal operations.

If step 3 does not fix the problem, individual levelers can be retracted by simultaneously pressing the "RET" button and the adjacent two (2) leveler buttons common to the leveler requiring retraction.

LEVELER CONTINUES TO "CLUTCH"

Solution:

To proceed,

1. Press "ON". This will shut the warning alarm off.
2. Simultaneously hold down all four direction buttons and the "All" button. This resets the timers so controls will detect the next clutch.
3. Press "RET" and "ALL" buttons. The system is now out of error mode and ready for normal operations.

TROUBLE SHOOTING SEQUENCE

1. Disconnect power to any jack by unplugging the jack quick connect wiring at the jack motor.
2. Turn power ON to keyboard by pressing the "ON" button.
3. Press "RET" and "ALL" buttons together to put system in error.
4. The buzzer should sound on the keypad and the jack lights should be blinking red and green.
5. Turn keypad OFF by pressing the "ON" button.
6. Reconnect power to disconnected jack.
7. Turn keypad ON by pressing "ON" button.
8. Hold down the "EXT" button and the "DRIVER" and "REAR" buttons together for 10 seconds to run the driver rear jack down.
9. Hold down the "EXT" button and the "PASS" and "REAR" buttons together for 10 seconds to run the passenger rear jack down.
10. Hold down the "EXT" button and the "DRIVER" and "FRONT" buttons together for 10 seconds to run the driver front jack down.
11. Hold down the "EXT" button and the "PASS" and "FRONT" buttons together for 10 seconds to run the passenger front jack down.
12. Visually inspect to see that all jacks moved and went down a few inches.
13. Press and release the "RET" and "ALL" buttons together to bring the jacks up.
14. All jacks will come up to full retraction and stop after a few clutches of the motor.
15. Turn OFF keypad by pressing "ON" button.



ATWOOD® LEVEL EGGS™

GREEN	FULLY RETRACTED				
GREEN BLINKING	EXTENDED				
RED BLINKING	EXTENDING/RETRACTING				
RED	FULLY EXTENDED				

EXT **INTR** **ALL** **FRONT** **DRIVER** **PASS.** **ON**

REAR **AUTO**

- ENGINE RUNNING
- PARK BRAKE ENGAGED
- PARK/NEUTRAL
- LOW VOLTAGE
- WAIT-PROCESSING

CAUTION: READ INSTRUCTION MANUAL BEFORE USE