

BRAUN UVL TROUBLESHOOTING

INTERLOCK SYSTEM

Your Roam's UVL is equipped with an interlock system that ensures the vehicle is safe before allowing the UVL to operate. This document will address the interlock system and some common ways to troubleshoot when experiencing difficulty with the lift. The interlock display screen is located next to the steering wheel.



DOOR AJAR

(Door Ajar Bar)

Solid Red when the lift door is open, flashes when the passenger door alone is open.

VEHICLE SECURE

(Lightning Icon)

Illuminates Green when lift is enabled. All conditions for lift operation have been met and power is supplied to the lift.

PARK BRAKE

(PB Icon)

Solid Red when Park Brake is set. Flashes when the Park Brake is not set and lift door is open.

PARK

(P Icon)

Solid Red when in Park (neutral without a park position). Flashes when not in Park and lift door open.

VEHICLE LOCK

(Lock Icon)

Illuminates in Red when the Park Brake and/or transmission shifter is locked. If the Vehicle Lock LED is illuminated, the driver will not be able to drive or move the vehicle. Flashes when an output is not properly connected. Vehicle must be serviced as soon as possible if light is flashing.



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6 COMPONENTS OF THE INTERLOCK SYSTEM FOR USE:

1. VEHICLE MUST BE IN PARK

- If your vehicle is in not in park, shift gears into park.

2. PARKING BRAKE MUST BE ENGAGED

- To engage the electric parking brake, pull the button towards you. The parking brake is located on the dash to the left of the steering wheel.
- When it is time to disengage the parking brake, push your foot on the brake pedal and push the parking brake button in.

3. VEHICLE MUST BE IN THE KEY OFF MODE

- The key off mode is when your engine is stopped and the dash is not lit.
- When you shut off the vehicle, you will be in key off mode and will remain in this mode until you either push the button to turn on the electronics in the dash area, or push the button to start your vehicle.
- If your vehicle is in the key on position or the engine is running, the lift will not operate.

4. POWER MUST BE SUPPLIED TO THE LIFT

- Power can be supplied from the batteries or shore power.
- If your batteries are drained, there is a battery boost button to the left of the steering wheel. Press this button to provide power to the lift. While your vehicle is running, your alternator will charge the batteries.
- Ensure that your lift power switch is flipped to the on position. This switch is located on the lift itself, and when it is on a green light will be illuminated.

5. SLIDING DOOR MUST BE FULLY OPEN

- Ensure that the sliding door is slid all the way open, so that it does not interfere with UVL's path.

6. SENSOR AREA MUST BE CLEAR

- The ultrasonic sensor ensures that there is nothing interfering with the UVL's path directly inside of the vehicle. If someone is standing in the path of the UVL, you will hear an audible beeping noise to alert you that something needs to be moved further away from the area directly inside of the sliding door.



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OTHER TROUBLESHOOTING:

WIRELESS REMOTE IS NOT WORKING

- The remote control will go into a power save mode if not used. Switch on and off multiple times to use the controller.
- Try changing the batteries on the remote.
- Double check that all elements of the interlock system are met. If they are not met, the UVL will not operate.

IDENTIFYING BEEPING NOISE

- If you hear an audible beep, it is caused from something interfering with the ultrasonic sensor space, or something interfering with the UVL's lift gate.
- Ensure there are no obstructions near where the lift will land inside of the vehicle.
- Check to make sure nothing is impeding the lift gate on the UVL. If something is sitting on this or preventing the lift gate to move into a full upright position, a beep will sound and prevent the lift from operating. You may need to move your chair forward on the UVL.

LIFT GATE NEEDING ASSISTANCE

- The UVL is designed to not operate if it is sensing any pressure on the lift gate at the end of the ramp. If the gate is not lifting when trying to operate the lift, it may be because something is obstructing its movement. Verify that no wheels, rocks, or any other debris is preventing the gate from moving. If gate is left out for long periods of time and passengers are moving around in the unit, the lift ramp may shift slightly against the ground as the vehicle shifts. This does not harm the lift, however, some residual forces from the movement may be acting on the lift gate that the lift would detect and prevent it from raising the lift gate. If this is the case, try cycling the lift with no load on it, or assisting the gate by lifting the gate manually as you hold the lift stow button.
- To prevent such issues, it is recommended that the lift be in the stowed position while not in use and that you are parked on level ground.

THE POWER TO THE LIFT ICON IS NOT ON

- First check the power switch above the lift module. Ensure that the switch is in the on position. When the module is powered on, there will be a green light on the module that lights up.
- If the module has power and the interlock display is still not lit, ensure that your engine is off and you are in the key off mode. There should be no lights lit on your dash.
- Should you be unable to supply power to the lift, please see the manual operating instructions, where the lift can still be operated via a hand pump.



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