



ebrake

Electrical Handbrake

USER GUIDE



The ebrake User Guide

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Introduction

Thank you for purchasing the ebrake!

The ebrake is easy to use and will significantly increase the comfort in your RV. We are confident that you will be satisfied with the product and that it will give you many years of trouble-free operation.

The ebrake is a bolt-on accessory designed to fit directly on RV's built on Al-Ko chassis from model year 2007 and onwards. With the use of the adaptor kit, it will also fit on most Fiat chassis.

Benefits

The ebrake has many advantages, probably one of the most significant benefits is that you don't have to reach far down and use force in a position that isn't ergonomically appropriate to apply the parking brake, a push of a button is all it takes!

Using the ebrake instead of the manual handbrake also means that the parking brake is always applied with the same force each time.

Another benefit is that the ebrake allows the parking brake to be applied while the manual brake handle stays in the lowered position, and thereby avoiding the problem with that the handle sometimes can cause an obstruction when the driver's seat is to be turned around.

If the manual handbrake handle in its raised position is preventing the driver's seat from turning around, it can become particularly problematic when the RV is standing on levelling blocks. The exercise to release the handbrake in order to turn the driver's seat around, while simultaneously holding the footbrake to prevent the RV from rolling off the blocks, can be quite difficult.



Safety Notes

- Although the installation is very straight forward, the ebrake must be installed by a professional RV technician for safety reasons.
- The ebrake does NOT replace the original manual hand brake, but acts as an additional method of applying the parking brake.
- In order to avoid unintentional release of the ebrake, the ebrake can't be released with the push-button alone; you have to both press the brake pedal and operate the push-button to release the ebrake.
- The ebrake **MUST NEVER BE APPLIED WHILE THE VEHICLE IS MOVING!**



ebrake Push- Button

Operating the ebrake

1. Applying the ebrake

- Make sure that the vehicle is completely stationary before operating the ebrake
- Turn on the ignition if not already on.
- Apply the ebrake by simply pressing in the ebrake push-button located on the dashboard.
- The button has a built-in light which starts flashing when the brake is operating
- Once the brake is fully engaged, the light goes to steady on and stays on as long as the ignition is turned on.
- **Please Note! It's important that the light goes to a steady on before it goes out.** If the light continues to flash until it goes out, something is probably not correctly adjusted or the mechanism is jamming. If this is the case, it needs to be corrected, as the ebrake mechanism otherwise could get damaged.
- **Please Note: It is not recommended to use the manual handbrake when the ebrake is activated as this could possibly cause kinking in handbrake wire.** If however, the manual handbrake has been applied by mistake while the Ebrake is activated, **always release the ebrake first, and then release the manual handbrake!**

2. Releasing the ebrake

- To release the ebrake, first turn on the ignition if not already on.
- Then press the ebrake button on the dash so it comes out to its outer position, please note that so far nothing happens, the light in the button is still on, indicating that the brake is still engaged.
- Now press down the brake pedal, again the light will start flashing, indicating that the ebrake is operating.
- Once the ebrake is fully released, the light goes out.

Please note that the ebrake will stay powered on for approximately one minute after the ignition has been turned off. This is to ensure that the ebrake completes its operation in case the ignition should be turned off before the current operation is finished.

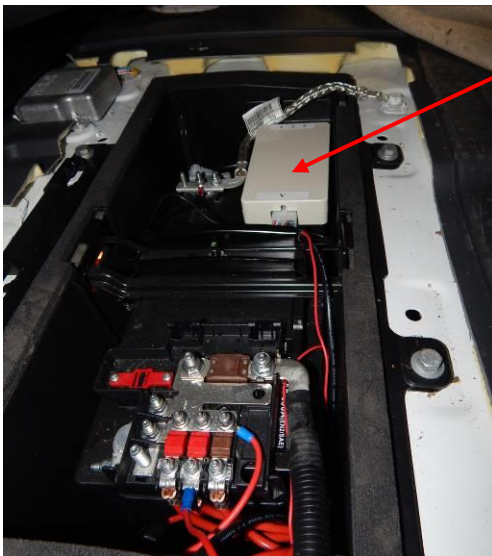
Maintenance

The ebrake does not require any particular maintenance; however, the normal maintenance procedures for the handbrake still apply.

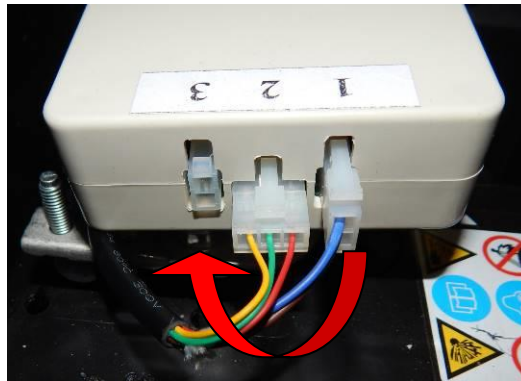
Emergency release procedure

In the unlikely event that a malfunction in the control system should occur, follow the steps below to release the ebrake so that the vehicle can be moved.

1. Locate the ebrake electronic control box. It's normally located in the battery compartment in the floor in front of the driver's seat.



ebrake control box



2. Now locate the connection marked "1" on the control box, unplug the connector (blue & brown wires) from the No 1 connection and plug it in to the No 3 connection instead.
3. Provided that the actuator itself is ok, this should release the ebrake and disable it for further use until it can be serviced by a qualified technician.