

Dear Customer,

During these uncertain times we wanted to provide a memo in the event a plant shutdown prevents the use of your AGC/AGV system. Please refer to your O/M Manual, Manufacturer manuals and the text below to properly store your carts/vehicles. In some cases, the text below may provide additional information not included in your current documentation.

Long Term Storage of AGCs & AGVs

Follow the recommendations below if an AGC or AGV is to be stored for an extended period (Longer than two weeks).

- Fully charge, and then disconnect and lock out the battery from the AGC/AGV. Removal of the battery from the AGC/AGV is not mandatory but could be used as replacement for other AGCs/AGVs.
- Batteries need to be checked for voltage every week using a multimeter and without connecting the battery to the vehicle. Periodic maintenance charging may be required to maintain a proper storage voltage of:
 - Minimum of 25.2V for 24V systems
 - Minimum of 50.4V for 48V systems
 - Minimum of 100.8V for 96V systems
- Check batteries connected in vehicle every 15 days, charge as necessary.

NexSys Batteries:

- Batteries are dispatched from the manufacturer in a fully charged state. The state of charge will decrease with storage.
- All batteries lose their stored energy when allowed to stand open-circuit, due to parasitic chemical reactions.
- Self-discharge is also strongly influenced by temperature; high temperatures greatly reduce storage life.
- It is recommended that the fully charged battery should be stored in a cool dry place, ideally below 68°F (20°C).

DEKA Batteries:

- When the battery is fully charged, and the electrolyte is at the proper level, the battery can be stored for up to a year.
- It should be stored in a cool, dry, well-ventilated area away from direct sunlight, ideally below 68°F (20°C).

For questions regarding this service bulletin, call Webb Customer Service at 877-JBWEBB1 (877-529-3221).

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Delco Batteries:

- Fully charged ACDelco Batteries (OCV is ≥ 12.7) should be stored in an upright position at temperatures between 32°F (0°C) and 70°F (21.1°C).
- When a battery is stored, a very slow chemical reaction takes place between the plate materials and the electrolyte, causing a slow discharge. This reaction, called a self-discharge, occurs more rapidly at higher temperatures.

NOTE The warranty is void if the battery is not properly maintained.

- Lubricate the AGC/AGV as described in the Operators and Maintenance manual.
- Cover the AGC/AGV with plastic or other suitable covering material, being careful to allow sufficient airflow to prevent condensation.
- Safely lift the cart/vehicle high enough off the floor to clear the wheels by at least 1". Block the cart/vehicle, making sure it is stable; getting the cart/vehicle off the floor is necessary to avoid flat spots from developing on the tires/casters.

NOTE Be cautious to check all wheels, as some wheels may be spring loaded and not rise up with the rest of the vehicle.

- If proper care is not taken, batteries can be permanently damaged. It is difficult to quantify exactly how much, but it is crucial to keep batteries at a reasonable charge.

NOTE AGC/AGVs in storage should be fully charged and operated once every six months.

Please contact JBW Customer Service for any questions or concerns:

PH: 877-529-3221

Email: webbservice@jerviswebb.com

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