

Bergstrom recommends routine maintenance to help keep your NITE system running efficiently. Below are steps to be followed at specific times of the year. If there are any questions or further assistance is needed, contact the NITE technical support team Monday through Friday from 7:30 a.m. to 4:00 p.m. at 1.866.204.8570.

### **NITE® System Internal Unit**

**Recommended Frequency: Every spring and every 25,000 miles in the summer months**

- Check the NITE system recirculation filter and clean around the air intake /cold air return. Rinse the filter with soapy water or replace it with a new filter.
- Inspect the recirculation grill (where applicable). This grill is installed on the bunk support wall. Cool air from the vehicle interior must flow freely back to the NITE system. Warning: Do not block the recirculation grill with personal items, clothes, etc. as this will reduce the performance of the system.
- Inspect the rubber drip tube attached to the NITE system (outside and underneath the truck floor). If the drip tube is missing, cracked or showing signs of deterioration, it is recommended to have it replaced. Make sure the drip tube is clean and open. When re-attaching the tube to the unit, make sure it is firmly seated.

### **NITE® Split System Condenser Unit**

**Recommended Frequency: Every spring and every 25,000 miles in the summer months**

- Cleaning the split system condenser (condenser is mounted outside on the back bunk wall). It is recommended to clean the condenser coil with an A/C coil cleaner that is approved for copper and aluminum coils. Additionally, low pressure water can also be used to clean it. It is also recommended to use a coil cleaner that is non caustic, detergent-based alkaline coil cleaner, biodegradable, and releases no volatile organic compounds (VOCs).
- Remove any debris from the inlet and outlet of the condenser. Airflow blockage will reduce the performance of the unit.

## Batteries – Auxiliary NITE® Batteries

**Recommended Frequency: Twice a year; every spring and fall**

- Check the auxiliary bank of batteries. Batteries are connected together and should be identical in make and model. Never mix lead acid and AGM within the same bank. An auxiliary battery bank must always have 4 AGM batteries. To meet advertised run time, NITE systems require a battery bank with minimum combined amp hour ratings of 400.
- Visually inspect the batteries for leakage, swelling, and corrosion. Replace any damaged batteries, as needed.
- Inspect all electrical connections, including all battery and separator posts. When necessary, remove, clean and retighten. Initial installs use tin-plated, heavy-duty battery lugs to help prevent loose connections, damage and corrosion. We recommend replacing any damaged or light duty lugs with the correct Bergstrom supplied lugs. Apply dielectric grease to all connections.
- Check the Battery Management System (BMS). When performing preventative maintenance on a NITE system that uses a BMS make sure the cork gasket is installed on the bottom of the BMS and supports the device to prevent any vibration and/or movement. Failure to install the gasket or installing the BMS unsupported may cause damage and void the warranty policy.
- Check battery box and battery hold-down brackets. Inspect all items for wear or damage. Retighten all hardware to prevent box and batteries from moving.
- If your system is equipped with a BMS, check the state of health on the batteries.