

XOS Technical Service Bulletin

Bulletin No.: TSB-005-24

Date: 1/10/24

Subject: Replacing Desiccant Filter on the High Voltage Battery

Applicability: All 2021-2022 Xos SV05 Trucks

Service Category: High Voltage System

Section: High Voltage Battery Packs

Market: USA and Canada

Introduction:

In the event that Service Dashboard recommends replacing the Desiccant Dehumidifier Filters of the 2021-2022 Xos Step Vans, please refer to the following service instructions. Please note that Desiccant filters are consumable items, not covered under warranty, but rather preventative maintenance items. Filters should be changed every 20,000 miles or if noted otherwise during multipoint inspection. .

Vehicle Applicability:

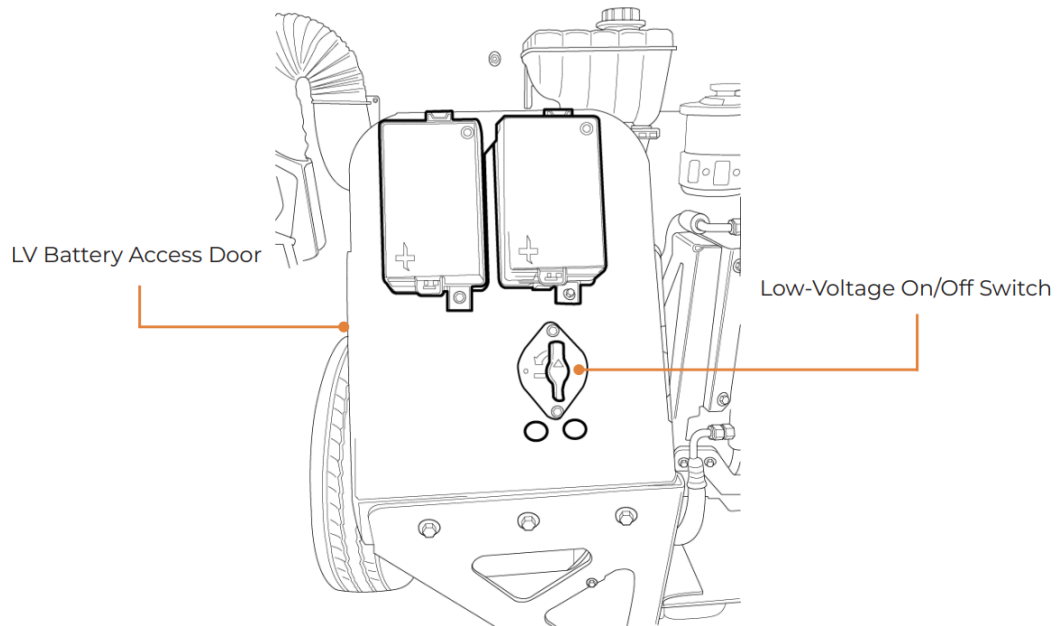
Model Year	Model	Body Application
2021 - 2022	All Step Van Models	Step Van & Armored Truck

Parts Information:

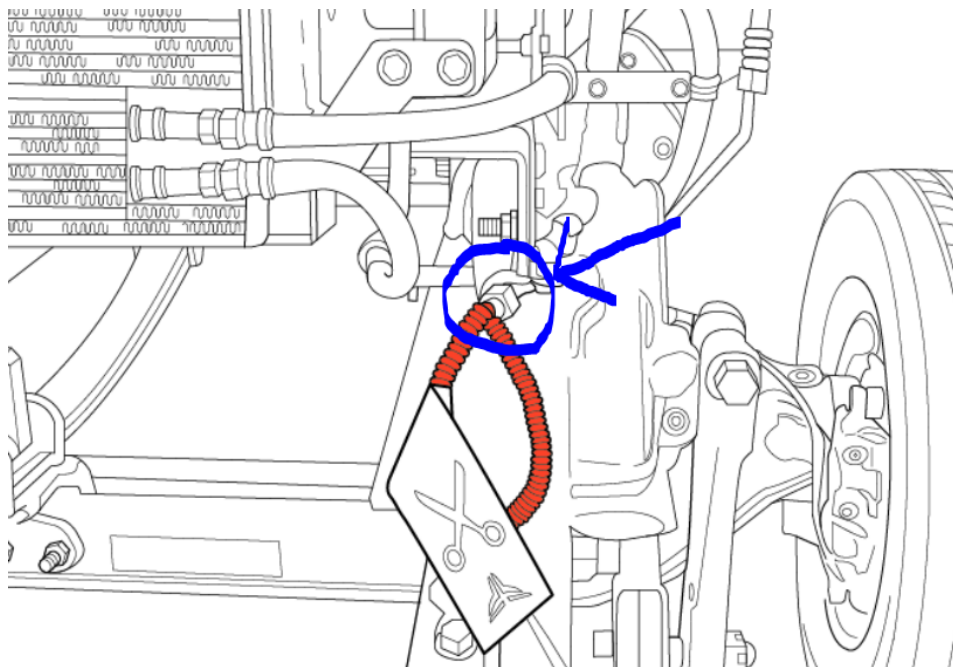
Part Number	Part Name	QTY
VN00-PN-A0315-A	Desiccant Cartridge	1

Safety

Before work is started ensure that 1) the Ignition switch is off; 2) the low voltage disconnect switch is in the off position; and 3) the safety first responders' loop is disconnected.



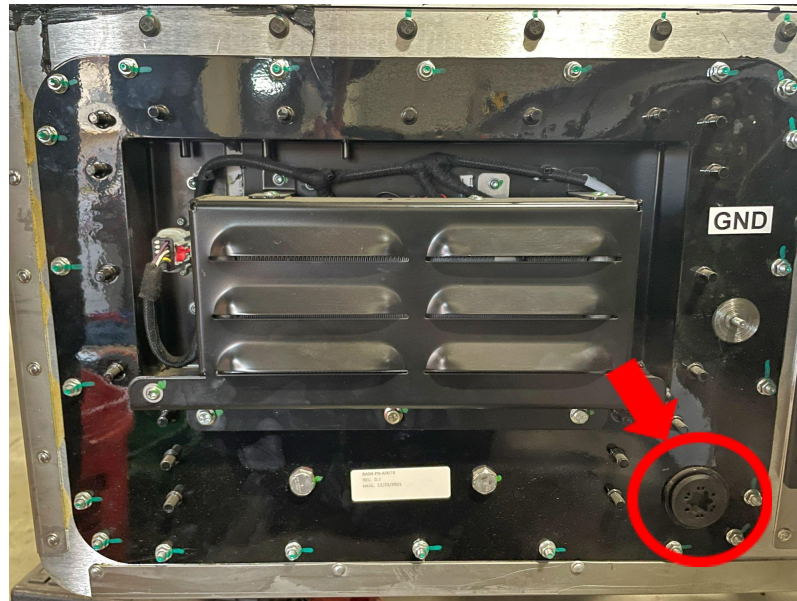
Low-Voltage System Location



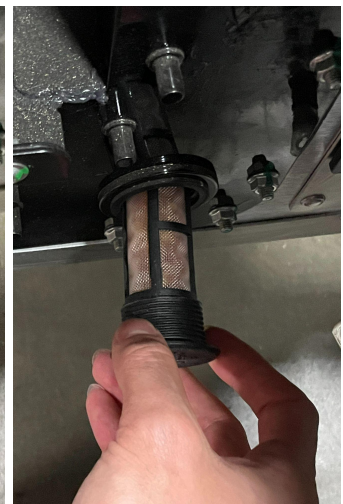
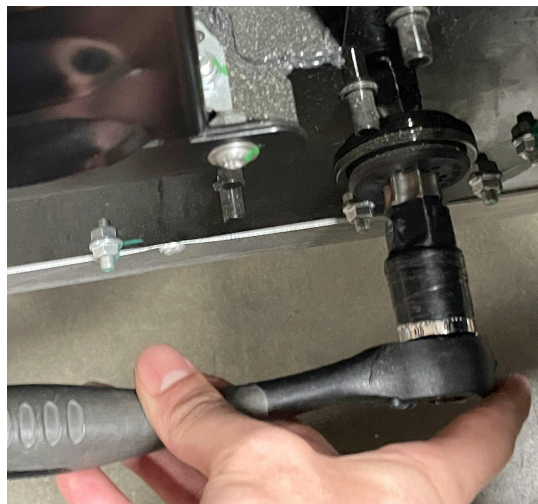
Disconnect the Safety First Responders' Loop from the connector marked above located to the bottom right corner of the radiators

Procedure for removing filters:

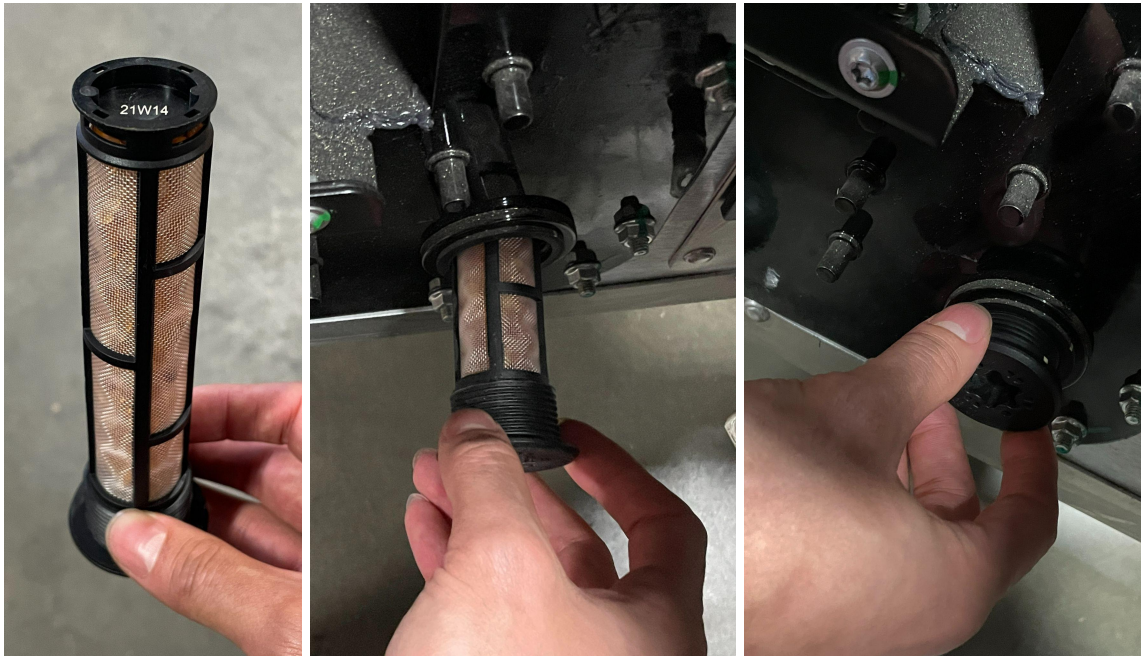
1. Locate the Desiccant Dehumidifier Filter on the aft of each high voltage battery pack. Note that the aft of the pack is the opposite side of where the high voltage cables are connected to the battery packs.



2. Use **Torx T90 bit wrench** to unfasten the old Desiccant Filter by rotating it counter clockwise and remove it from the pack



3. Unpack the new Desiccant Dehumidifier Filter and insert it into the battery pack with caution. Ensure the threads are aligned by fastening it into the pack by hand first before using the tool.



4. Torque the new filter cautiously to **10 Nm**.

