

# Part 573 Safety Recall Report

# 18V-472

**Manufacturer Name :** Van-Con, Inc.**Submission Date :** SEP 18, 2018**NHTSA Recall No. :** 18V-472**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Van-Con, Inc.

Address : 123 William Street  
Middlesex NJ 08846

Company phone : 732-356-8484

**Population :**

Number of potentially involved : 1,376

Estimated percentage with defect : 80 %

**Vehicle Information :**

Vehicle 1 : 2011-2018 Van-Con 33803 Dual Rear Wheel

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : School Bus Seat, SB-30" series- Knee impact zone

The affected population was determined by identifying the total number of SB-11-30" School Bus Seats installed beginning from 5/2/2011 through 6/15/2018.

The affected products are SB11-30" series standard unbelted school bus seats, and SB11-30" series school bus seats with lap belts only. The affected seats may be distinguished by measuring the width of the seat back, confirming a seatback width of 30", and visually inspecting the seats confirm the absents of 3PT seat belt, Child Restraint Inserts or any combination thereof. This issue is only present in "Standard or Lap Belted School Bus Seats", which measure 30" at their widest point. The model number and part number may also be used to confirm identification of affected seats.

Production Dates : MAY 02, 2011 - JUN 15, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** HSM Solutions has determined that all SB11-30" series School Bus Seats as manufactured by CE White / HSM Solutions do not comply with the impact requirements of CFR 49.571.222, the lower knee impact area of the seat back does not meet the minimum requirements for energy absorption, as defined by regulation. HSM has determined that the thickness of the foam in the knee impact area of the lower seat back is insufficient.

FMVSS 1 : 222 - School bus passenger seating and crash protection

FMVSS 2 : NR

**Description of the Safety Risk :** HSM has determined that there is an increased risk of injury to unbelted seat

**Description of the Safety Risk :** occupant('s), in a vehicle hard braking situation or vehicle crash event. In a hard braking or crash event, the occupant('s) knees may contact the lower seatback, resulting in injury.

**Description of the Cause :** The cause of this defect has been determined to be a design flaw, in that the thickness of the foam in the lower area of the seat back has been determined to be insufficient

**Identification of Any Warning that can Occur :** There is no audible or visual warning, which would precede an event

## Supplier Identification :

### Component Manufacturer

**Name :** HSM Solutions  
**Address :** 417 North Kibler Street  
New Washington OHIO 44854  
**Country :** United States

## Chronology :

Vehicle was tested for knee impact on May 2018. During the test it was determined that the impact areas that were tested were to rigid. When we were notified we contacted our seat supplier HSM Transportation and Specialty Manufacturing Company. They reviewed the data and are scheduling an inspection on the seats at test facility. At the present time we are filing recall process until further examination takes place. During the process of the evaluation at the test facility further action will be determined as to how to proceed with recall.

## Description of Remedy :

**Description of Remedy Program :** TBD

**How Remedy Component Differs from Recalled Component :** The affected seat may be distinguished by measuring the width of the seat back, confirming a seat back width of 30", and visually inspecting the seats to confirm the absents of 3 PT Seat Belts, Child Restraint Inserts or any combination there of. The issue is only present in "Standard or Lap Belted School Bus Seats", which measure 30" at their widest point. The model number may also be used to confirm identification of affected seats.

**Identify How/When Recall Condition was Corrected in Production :** Vehicles with HSM seating model SB11-30HB have been halted in production and set aside until further notice. HSM is in the process of approving an interim product modification, which will allow remedy for vehicles in production and future vehicles to be produced requiring SB11-30HB seats.

**Recall Schedule :**

Description of Recall Schedule : Dealer notification is not applicable as all buses were sold through Van-Con direct.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 20, 2018 - SEP 27, 2018

\* NR - Not Reported