

Part 573 Safety Recall Report

21V-816

Manufacturer Name : Schwarze Industries, Inc.**Submission Date :** FEB 08, 2022**NHTSA Recall No. :** 21V-816**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Schwarze Industries, Inc.

Address : 1055 Jordan Road

Huntsville AL 35811

Company phone : 800-879-7933

Population :

Number of potentially involved : 547

Estimated percentage with defect : 25 %

Vehicle Information :

Vehicle 1 : 2012-2020 MC Avalanche M6TE, M6SE

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population has been determined based on the design and location of the outside switch box. Similar vehicles outside of the recall population do not have a switch box of the same design in the same location.

Production Dates : OCT 26, 2012 - DEC 11, 2020

VIN Range 1 : Begin : 516M1D9B7CH216146 End : 1FVACXFEXNHMY4540 Not sequential

Vehicle 2 : 2012-2020 MC Avalanche M6SE CNG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : The recall population has been determined based on the design and location of the outside switch box. Similar vehicles outside of the recall population do not have a switch box of the same design in the same location.

Production Dates : OCT 26, 2012 - DEC 11, 2020

VIN Range 1 : Begin : 516M1D9B7CH216146 End : 1FVACXFEXNHMY4540 Not sequential

Description of Defect :

Description of the Defect : In Schwarze M6 Avalanche sweepers manufactured in 2012 – 2020, the outside switch box, from which the operator can control the position of the conveyor, can be activated unintentionally when the vehicle engine is running. If the vehicle operator has not completed lock out/tag out procedures and not installed the conveyor safety pins to keep the retracted conveyor in place, but the operator enters the area between the hopper and the conveyor, the operator can unintentionally activate the switch that advances the conveyor, thereby pinning the operator between the hopper and the conveyor.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The possibility of being pinned between the hopper and the conveyor presents a crushing hazard, increasing the risk of serious injury or death.

Description of the Cause : The cause of the crushing hazard is the opportunity for unintended activation of the conveyor controls at the outside switch box. That opportunity results if the operator enters the area between the hopper and the conveyor without using the conveyor safety pins and while the vehicle engine is running.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : switch control box

Component Description : Outside remote switch box to control debris hopper raising and dumping and conveyor operation.

Component Part Number : 204F65

Supplier Identification :**Component Manufacturer**

Name : Schwarze Industries, Inc.

Address : 1055 Jordan Road
Huntsville Alabama 35811

Country : United States

Chronology :

On September 7, 2017, Schwarze learned of a fatality involving an M6 sweeper. A Schwarze employee's initial inspection that day and Schwarze's further investigation did not identify any malfunction in the vehicle.

On August 10, 2020, Schwarze learned of a fatality involving an M6 sweeper.

On August 20, 2020, Schwarze attended an inspection of the vehicle.

On September 22, 2020, Schwarze produced an initial design of a switch box guard.

On November 3, 2020, Schwarz produced the final design of the switch box guard.

On November 10, 2020, Schwarze participated in a follow-up vehicle inspection.

On December 15, 2020, Schwarze began installing the new switch box guard and crushing hazard warning decals on all M6 sweepers and began retrofitting existing units (manufactured in 2012 and thereafter) with the switch guard box and crushing hazard warning decals.

On September 10 and October 8, 2021, Schwarze met with NHTSA on the 2017 and 2020 sweeper incidents.

On October 8, 2021, Schwarze decided to conduct a voluntary safety recall to install the switch guard box and crushing hazard warning decals on the remainder of the affected M6 sweeper population. As of October 8, 2021, Schwarze is aware of no warranty claims, no field or service reports, and no injuries related to this issue.

Description of Remedy :

Description of Remedy Program :	Schwarze will provide, free of charge, a kit (No. 204Z16) for all affected vehicles including an outside switch guard (No. 651326) with two warning decals (No. 68915; 68916) and installation instructions. This kit can be installed by the vehicle owner, or a local Schwarze-affiliated dealer will install the kit at no cost to the vehicle owner. Please see recall reimbursement plan on file.
How Remedy Component Differs from Recalled Component :	The remedy adds a metal switch guard to the outside switch box and adds two crushing hazard warning decals to both sides of the hopper.
Identify How/When Recall Condition was Corrected in Production :	Schwarze began manufacturing all M6TE, M6SE, and M6SE CNG street-sweepers with switch box guards and crushing hazard warning labels as of 12/15/2020.

Recall Schedule :

Description of Recall Schedule :	Dealers and owners will be notified by December 17, 2021.
Planned Dealer Notification Date :	DEC 01, 2021 - DEC 17, 2021
Planned Owner Notification Date :	DEC 01, 2021 - DEC 17, 2021

* NR - Not Reported