

Part 573 Safety Recall Report

23V-287

Manufacturer Name : Shred-Tech Corporation

Submission Date : AUG 21, 2023

NHTSA Recall No. : 23V-287

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Shred-Tech Corporation

Address : 295 Pinebush Road
Cambridge, Ontario 00 N1T 1B2

Company phone : 999-999-9999

Population :

Number of potentially involved : 14

Estimated percentage with defect : 100 %

Vehicle Alterer Information :

Vehicle 1 : 2021-2023 SHRED-TECH MDS-4-33

Descriptive Information : The defect was identified during operational testing of a new MDS-4-33 build in our factory. All MDS-4-33 models are included in this recall notice, and were produced between January 1, 2021 and March 1, 2023.

Production Dates : JAN 01, 2021 - MAR 01, 2023

Description of Defect :

Description of the Defect : The design (shape) of the bulkhead wall is such that it is possible for an excessive accumulation of shredded paper in the space between the cutting knives and the bulkhead wall.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As the knives rotate in the shredding chamber, it is possible to compress any build-up of shredded paper against the bulkhead wall, which generates friction and heat. The build-up and compression of excess shredded paper, combined with the friction-related heat build-up creates a potential fire risk.

Description of the Cause : NR

Identification of Any Warning that can Occur : The presence of a burning odour, or visible smoke; visual inspection of the cutting chamber may reveal dark colouration or blueing of metal components, which indicates excessive heat.

Involved Components :

Component Name : Bulkhead Wall

Component Description : Bulkhead wall and associated fittings

Component Part Number : 610825

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

The defect was identified in March, 2023 during pre-ship testing of a new MDS-4-33 build in our factory, at which time smoke was observed in the shredding chamber. Concurrent to this, on March 23, 2023, our Service team received a customer inquiry which cited the same condition of smoking in the shredding chamber, which reinforced the findings from the new build in our factory. Upon further investigation, it was determined that the design of the bulkhead wall allows the excessive build-up of shredded paper and potential for friction-heating, which can, in turn, cause a fire.

Description of Remedy :

Description of Remedy Program : The remedy program consists of a bulkhead wall retrofit kit, which includes the redesigned bulkhead wall and the associated items required for field installation. We will schedule the field installation with our customers, and the retrofits will be completed by Shred-Tech service technicians. The vehicles included in this recall are covered under Shred-Tech's warranty program, and, as such, all costs associated with installation of the retrofit will be at Shred-Tech's expense.

How Remedy Component Differs from Recalled Component : The redesigned bulkhead wall is visibly different from the original bulkhead wall - the previous design has been removed from all bills of materials, and is no longer able to be installed on new builds.

Identify How/When Recall Condition was Corrected in Production : The issue was identified in early March, 2023, on our production line – upon validation of the defect, a redesign of the bulkhead wall was completed and implemented. All new builds after March 24, 2023 have, and will be equipped with, the redesigned bulkhead wall.

Recall Schedule :

Description of Recall Schedule : Owner notifications are to be distributed pending completion of this submission, and approval of the draft Safety Recall Notice uploaded on this portal. Please note that Shred-Tech does not utilize dealers/distributors for the sale of our trucks.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : APR 24, 2023 - OCT 31, 2023

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name :

Address :

Country :

Company Phone :

* NR - Not Reported