

Part 573 Safety Recall Report

20V-025

Manufacturer Name : Isuzu Technical Center of America, Inc.**Submission Date :** JAN 17, 2020**NHTSA Recall No. :** 20V-025**Manufacturer Recall No. :** V2001**Manufacturer Information :****Population :**

Manufacturer Name : Isuzu Technical Center of America, Inc.

Number of potentially involved : 1,138

Address : 46401 Commerce Center Drive

Estimated percentage with defect : 4 %

Plymouth MI 48170-2473

Company phone : 866-441-9638

Vehicle Information :

Vehicle 1 : 2020-2020 ISUZU NPR HD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : SEP 02, 2019 - SEP 14, 2019

VIN Range 1 : Begin : JALC4W169L7012567 End : JALC4W165L7012713 Not sequential

Vehicle 2 : 2020-2020 CHEVROLET 4500HD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 24, 2019 - SEP 14, 2019

VIN Range 1 : Begin : JALCDW169L7012519 End : JALCDW168L7012706 Not sequential

Vehicle 3 : 2020-2020 ISUZU NPR XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 28, 2019 - SEP 14, 2019

VIN Range 1 : Begin : JALC4W16XL7K01762 End : JALC4W166L7K01967 Not sequential

Vehicle 4 : 2020-2020 CHEVROLET 4500XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 27, 2019 - AUG 27, 2019

VIN Range 1 : Begin : JALCDW166L7K01760 End : JALCDW166L7K01760 Not sequential

Vehicle 5 : 2020-2020 ISUZU NQR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 24, 2019 - SEP 14, 2019

VIN Range 1 : Begin : JALE5W16XL7901559 End : JALE5W162L7901670 Not sequential

Vehicle 6 : 2020-2020 CHEVROLET 5500HD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 30, 2019 - SEP 12, 2019

VIN Range 1 : Begin : JALEEW161L7901594 End : JALEEW168L7901656 Not sequential

Vehicle 7 : 2020-2020 ISUZU NRR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 23, 2019 - SEP 14, 2019

VIN Range 1 : Begin : JALE5W166L7304621 End : JALE5W167L7305227 Not sequential

Vehicle 8 : 2020-2020 CHEVROLET 5500XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : AUG 24, 2019 - SEP 13, 2019

VIN Range 1 : Begin : JALEEW169L7304628 End : JALEEW161L7305210 Not sequential

Vehicle 9 : 2019-2019 ISUZU NPR HD GAS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : NOV 08, 2019 - NOV 25, 2019

VIN Range 1 : Begin : 54DC4W1B7KS812421 End : 54DC4W1B8KS813464 Not sequential

Vehicle 10 : 2019-2019 CHEVROLET 4500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : NOV 14, 2019 - NOV 15, 2019

VIN Range 1 : Begin : 54DCDJ1B8KS812799 End : 54DCDW1B0KS812888 Not sequential

Vehicle 11 : 2019-2019 ISUZU NPR GAS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : NOV 09, 2019 - NOV 25, 2019

VIN Range 1 : Begin : 54DB4W1B3KS812511 End : 54DB4W1B7KS813452 Not sequential

Vehicle 12 : 2019-2019 CHEVROLET 3500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The subject population was determined through a review of manufacturing records and includes all vehicles potentially equipped with the subject component.

Production Dates : NOV 22, 2019 - NOV 22, 2019

VIN Range 1 : Begin : 54DBDW1B1KS813303 End : 54DBDW1B0KS813308 Not sequential

Description of Defect :

Description of the Defect : The seat belt assembly has a dual mode belt locking mechanism in the retractor assembly: A belt webbing locking mechanism and a G-Sensor locking mechanism. Due to a manufacturing error by the supplier in a limited production period, the belt webbing locking mechanism, which is applied by the rapid movement of the seat belt, may not function. The separate G-Sensor lock mechanism which is applied through rapid vehicle deceleration remains fully functional.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The occupant may not be restrained as designed and/or may become unrestrained if the separate G-Sensor locking mechanism becomes unavailable, increasing the risk of injury in the event of a crash.

Description of the Cause : In affected vehicles, the supplier may not have inserted the Pawl Spring in the seat belt retractor at the proper angle. With use over time, the pawl spring may gradually extend through an opening in the lock gear and could potentially contact the flywheel, which is one of the locking components of the belt webbing lock system. If that contact prevents the flywheel from moving , the webbing lock mechanism may stop functioning.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems

Address : 2-3-14 Higashishinagawa
Shinagawa-ku Tokyo FOREIGN STATES 140-0002

Country : Japan

Chronology :

Isuzu was notified by the seat belt supplier on October 8, 2019 that the supplier was investigation a potential issue with the seat belt retractor. Isuzu was informed that the retractor continues to fulfill the requirements of FMVSS 209, but that there might be a possibility that the webbing locking mechanism in certain retractors may not operate as designed due to the improper insertion of Pawl Spring. The G-Sensor locking mechanism continues to function properly. Based on this information from the supplier, Isuzu initiated an internal investigation.

On October 17, 2019, Isuzu received additional information from the supplier indicating that, based on its testing and analysis, any failure should occur early in the useful life of the retractor. Isuzu requested additional

confirmation with regard to the failure mechanism in order to support that assessment. In early November, the supplier reiterated its assessment that any failure of the webbing locking mechanism would occur within early cycle testing and Isuzu reiterated its request for confirming documentation.

At the end of November, the supplier provided more detailed information with regard to the potential failure mechanism. During December 2019, Isuzu reviewed its records and confirmed that it had received no field reports or complaints relating to the seat belt locking in the affected vehicles. Isuzu additionally became aware of a defect determination made by another vehicle manufacturer through a Defect Information Report filed on December 11, 2019 and available through NHTSA's website on December 23, 2019. That Defect Information Report provided additional details with regard to the subject retractors and the failure mechanism.

Isuzu considered all of the available information, and made a determination on January 10, 2020 to conduct a safety recall to inspect vehicles potentially equipped with the subject retractors and to replace affected seat belts found within the subject population.

Description of Remedy :

Description of Remedy Program : Dealers will check the seat belt label number and seat belt assembly date. If the seatbelt falls within the production range identified, the seat belt assembly will be replaced. All affected vehicles are under warranty and therefore no reimbursement requests are expected.

How Remedy Component Differs from Recalled Component : Part Name: BELT; SEAT,TONGUE SIDE
PN: 8974284571

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer Notification and Stop Sale to be immediately released. Owner Notification mailout end of February 2020.

Planned Dealer Notification Date : JAN 17, 2020 - JAN 17, 2020

Planned Owner Notification Date : FEB 28, 2020 - FEB 28, 2020

* NR - Not Reported