

Part 573 Safety Recall Report

20V-195

Manufacturer Name : Isuzu Technical Center of America, Inc.**Submission Date :** JUN 24, 2020**NHTSA Recall No. :** 20V-195**Manufacturer Recall No. :** V2003**Manufacturer Information :****Population :**

Manufacturer Name : Isuzu Technical Center of America, Inc.

Number of potentially involved : 2,399

Address : 46401 Commerce Center Drive

Estimated percentage with defect : 100 %

Plymouth MI 48170-2473

Company phone : 866-441-9638

Vehicle Information :

Vehicle 1 : 2018-2020 ISUZU FTR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : UNKNOWN

Power Train : DIESEL

Descriptive Information : The recall population was determined by identifying the date on which a running change was made in order to facilitate installation of the chassis harness (2/6/2018) and the date upon which a permanent corrective action was implemented in production (2/14/2020). (2173 vehicles)

Production Dates : FEB 06, 2018 - FEB 05, 2020

VIN Range 1 : Begin : 54DK6S165JSG01592 End : 54DK6S164LSG70244 Not sequential

Vehicle 2 : 2018-2020 CHEVROLET 6500XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : UNKNOWN

Power Train : DIESEL

Descriptive Information : The recall population was determined by identifying the date on which a running change was made in order to facilitate installation of the chassis harness (2/6/2018) and the date upon which a permanent corrective action was implemented in production (2/14/2020). (226 vehicles)

Production Dates : FEB 14, 2018 - NOV 13, 2019

VIN Range 1 : Begin : 54DKFS163JSG01655 End : 54DKFS163LSG50650 Not sequential**Description of Defect :**

Description of the Defect : The chassis wire harness outside the relay box was improperly routed. As routed, it can contact the suspension's leaf spring hanger bracket, causing the harness to chafe and the wires to be damaged.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Chafed and damaged wires increase the risk of a fire. Additionally, depending on which of the wires within the harness is affected, different systems could be impacted, yielding varying possible results including the possibility of a vehicle stall and/or reduced functionality of the ABS brake system. These results could increase the risk of a crash.

Description of the Cause : A running change was made to facilitate the installation of the wiring harness during production. That change eliminated a frame-mounted harness clip. The absence of the clip allowed the wire harness to make contact with the leaf spring hanger bracket. With continued vehicle use, road vibrations can cause the wire harness to make repeated contact with the leaf spring hanger bracket, resulting in chafing of the wire harness and eventually damage to one or more wires.

Identification of Any Warning that can Occur : There are numerous wires within the harness and circuits affected. Depending on the circuit impacted, the driver may receive a warning a warning light informing the driver that an underlying system has been affected.

Involved Components :

Component Name 1 : Harness

Component Description : Chassis frame harness leading from relay box to cab and engine.

Component Part Number : 8983198205

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

A production change was made for ease of installation on February 6, 2018. On September 11, 2019, Isuzu received a field report indicating that a wire harness was chafed and wires were damaged. Isuzu began an investigation, and, later in September 2019, preliminary measures were implemented within the production plant designed to ensure that the wire harness would not make contact with the bracket.

On November 19, 2019, Isuzu received a second report and expedited its review of the issue. Isuzu's investigation found that the production change in 2018 may have caused or contributed to the issue. Isuzu received four additional reports between January 9, 2020 and March 20, 2020. On March 27, Isuzu decided to conduct a safety recall in which dealers will repair or replace the existing wire harness, as necessary, if it is damaged, and install additional clamps to ensure the undamaged or repaired/replacement wire harness is secured away from the hanger bracket.

After Isuzu submitted the original Defect Information Report and sent notifications to customers, General Motors informed Isuzu on June 15, 2020, that it had received a report of a fire generated in the area of the wire harness. After further discussions with GM about this report, Isuzu determined an amendment to the original Defect Information Report and a revised customer notification highlighting the fire risk would be appropriate for as yet un-remedied vehicles subject to this recall.

Description of Remedy :

Description of Remedy Program : Describe the defect:
Dealers will repair or replace the existing wire harness, as necessary, if it is damaged, and install additional clamps to ensure the undamaged or repaired/replacement wire harness is secured away from the hanger bracket.

Reimbursement Plan:
All affected vehicles are under warranty and therefore no reimbursement requests are expected.

How Remedy Component Differs from Recalled Component : Remedy component: The remedy will install two new clamps to ensure the harness does not contact the bracket.

Recalled component: The recalled vehicles do not have clamps to assure that the harness does not contact the bracket. Harnesses found with damage will be repaired or replaced with new ones.

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

Recall Schedule :

Description of Recall Schedule : Dealer Notification will be published today with Stop Sale and Delivery.

Planned Dealer Notification Date : APR 03, 2020 - APR 03, 2020

Planned Owner Notification Date : MAY 15, 2020 - MAY 15, 2020

* NR - Not Reported