

Part 573 Safety Recall Report

20V-720

Manufacturer Name : Isuzu Technical Center of America, Inc.**Submission Date :** NOV 20, 2020**NHTSA Recall No. :** 20V-720**Manufacturer Recall No. :** V2005**Manufacturer Information :****Population :**

Manufacturer Name : Isuzu Technical Center of America, Inc.

Number of potentially involved : 46

Address : 46401 Commerce Center Drive

Estimated percentage with defect : 50 %

Plymouth MI 48170-2473

Company phone : 866-441-9638

Vehicle Information :

Vehicle 1 : 2020-2020 ISUZU NPR-HD GAS (CREW CAB)

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall applies to certain MY 2020 vehicles with 6.6-liter gasoline engines produced between the Start of Production on August 26, 2020 and October 14, 2020, when Isuzu identified the issue and quarantined the vehicles. The recall scope covers 46 vehicles that had already been shipped to dealers and body builders as of that time. (29)

Production Dates : AUG 26, 2020 - OCT 08, 2020

VIN Range 1 : Begin : 54DC4J1D9LS207211 End : 54DC4J1DXLS207816 Not sequential

Vehicle 2 : 2020-2020 CHEVROLET 4500 (CREW CAB)

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall applies to certain MY 2020 vehicles with 6.6-liter gasoline engines produced between the Start of Production on August 26, 2020 and October 14, 2020, when Isuzu identified the issue and quarantined the vehicles. The recall scope covers 46 vehicles that had already been shipped to dealers and body builders as of that time. (17)

Production Dates : AUG 29, 2020 - SEP 25, 2020

VIN Range 1 : Begin : 54DCDJ1D3LS207253 End : 54DCDJ1DXLS207606 Not sequential

Description of Defect :

Description of the Defect : In the subject vehicles, the positive cable connecting the battery to the starter was too long. Depending on the installation positioning, the cable may have been routed too close to the right-side exhaust pipe. Over time, heat from the exhaust pipe may cause the conduit and insulation to deteriorate, which may expose the wires and lead to the potential for a short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Exposed wires could corrode and/or short circuit, resulting in a no-start condition or a thermal event, increasing the risk of a crash or fire.

Description of the Cause : The cable used in the subject vehicles was longer than intended and may have been installed in a position that allows the cable to be in contact with or in close proximity to the exhaust pipe.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

Model Year 2020 vehicles with the new 6.6-liter gasoline engine began production on August 26, 2020. On or about October 14, quality control checks found cables sagging and running near the right-side exhaust pipe. Cable routing, installation procedures, inspection standards and part specifications were reviewed. The investigation revealed that the cable had been validated utilizing a cable 55 mm shorter than that being used in production. Use of the longer cable allowed the cable to sag, depending on its routing.

Isuzu instituted a production change on October 22, 2020 to relocate the cable within the P-clip in such a way as to eliminate the potential for the cable to sag. On October 23, 2020, Isuzu inspected vehicles under its direct control and relocated the cable within the P-clip as necessary. On a prospective basis, a shorter cable will be used in production.

The issue was reviewed through Isuzu North America Corporation's internal investigation process and also by Isuzu Motors Limited in Japan, and it was determined that 46 vehicles had been released to dealers and body-builders prior to being inspected and repaired. On November 13, 2020, Isuzu made a decision to conduct a safety recall to inspect and to repair all 46 vehicles. It is anticipated that virtually all of the subject vehicles remain within dealer and body-builder inventory.

Description of Remedy :

Description of Remedy Program : The cable in the subject vehicles will be inspected and adjusted within the harness P-clip to draw the cable slack away from the exhaust pipe. The P-clip is opened to allow the cable harness to be pulled forward and re-tightened against the harness when the slack is removed. The cable can be pulled forward up to 55 mm in order to eliminate the potential for the cable to slack or to sag near the exhaust pipe.

No reimbursement plan is necessary as the vehicles mostly remain in dealer or body-builder inventory and any in customer hands are within warranty.

How Remedy Component Differs from Recalled Component : The cable harness will be adjusted up to 55 mm by pulling it forward through the harness P-Clip.

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

Recall Schedule :

Description of Recall Schedule : Isuzu and Chevrolet will notify their respective vehicle owners and dealers of this recall, and specifically of the need to adjust the positive cable in subject vehicles, and owners will be informed that the recall repairs will be done free of charge. The recall (owner notification) is expected to begin December 28, 2020. For additional information, Isuzu owners may contact Isuzu Customer Relations at 1-866-441-9638 and Chevrolet owners may contact the GM Medium Duty Truck assistance line at 1-800-862-4389.

Stop sale 11/20/2020

Planned Dealer Notification Date : NOV 20, 2020 - NOV 20, 2020

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

* NR - Not Reported