

Part 573 Safety Recall Report

17V-105

Manufacturer Name : Isuzu Technical Center of America, Inc.**Submission Date :** FEB 17, 2017**NHTSA Recall No. :** 17V-105**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Isuzu Technical Center of America, Inc.

Number of potentially involved : 21,000

Address : 46401 Commerce Center Drive

Estimated percentage with defect : NR

Plymouth MI 48170-2473

Company phone : 866-441-9638

Vehicle Information :

Vehicle 1 : 2015-2017 ISUZU NPR HD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : INCOMPLETE HEAVY DUTY TRUCK

Production Dates : AUG 01, 2014 - MAY 18, 2016

VIN Range 1 : Begin : JALC4W168F7000446 End : JALC4W161H7001859 Not sequential

Vehicle 2 : 2015-2017 ISUZU NPR XD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : INCOMPLETE HEAVY DUTY TRUCK

Production Dates : AUG 01, 2014 - MAY 18, 2016

VIN Range 1 : Begin : JALC4W166F7K00046 End : JALC4W165H7K00350 Not sequential

Vehicle 3 : 2015-2017 ISUZU NQR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : INCOMPLETE HEAVY DUTY TRUCK

Production Dates : AUG 01, 2014 - MAY 18, 2016

VIN Range 1 : Begin : JALE5J163F7901121 End : JALE5J166H7900757 Not sequential

Vehicle 4 : 2015-2017 ISUZU NRR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : INCOMPLETE HEAVY DUTY TRUCK

Production Dates : AUG 01, 2014 - MAY 18, 2016

VIN Range 1 : Begin : JALE5W160F7301332 End : JALE5W169H7301168 Not sequential

Description of Defect :

Description of the Defect : Debris in the stamping equipment may have resulted in small "burrs" in the holes stamped into the vehicle frame cross-member to which the automatic transmission is attached via the transmission mounting bracket. The burrs impeded contact between the transmission mounting bracket and the frame cross-member, allowing over time for stress fatigue on the stud bolts and leading the bolts eventually to shear or break. Isuzu has received no reports of accidents or injuries due to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the stud bolts break, the connection of the transmission within the undercarriage may loosen and the transmission may drop towards the driveshaft. The transmission will not drop to the ground. The vehicle could become difficult to shift, and could progress to a point where the driver is unable to shift and/or the engine de-rates, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : If the stud bolts break, the driver will experience a jolt when the transmission drops and then hear substantial noise if the transmission contacts the surrounding underbody components. The vehicle may become increasingly difficult to shift, and eventually the engine may de-rate. Controllability of the vehicle is not affected. Drivers have responded by driving the vehicle off the roadway to a safe place from which the vehicles have been towed or, on occasion, by driving directly to a service facility.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

For Chronology of Defect summary, please see the document titled "DET-17-035 ISZ 573_AT Mounting Brkt_Chronology of Defect" that has been uploaded separately.

Description of Remedy :

Description of Remedy Program : Isuzu dealers will inspect the vehicles and install a metal shim to prevent stress fatigue on the stud bolts if necessary.

How Remedy Component Differs from Recalled Component : As remedied, the stud bolts in the attachment assembly will not be susceptible to stress fatigue.

Identify How/When Recall Condition was Corrected in Production : In May, 2016, Isuzu reviewed die maintenance procedure and initiated an inspection protocol at the end of the stamping process to grind out any burrs found on the holes stamped into the frame cross-members to which the automatic transmission is attached via the transmission mounting bracket.

Recall Schedule :

Description of Recall Schedule : Isuzu anticipates initiating the recall in April, 2017.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported