

Part 573 Safety Recall Report

22V-434

Manufacturer Name : Isuzu Motors Limited**Submission Date :** AUG 15, 2022**NHTSA Recall No. :** 22V-434**Manufacturer Recall No. :** V2202**Manufacturer Information :**

Manufacturer Name : Isuzu Motors Limited

Address : 46401 Commerce Center Drive

Plymouth MI 48170-2473

Company phone : 866-441-9638

Population :

Number of potentially involved : 974

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 ISUZU NRR Gas

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : This recall applies to MY 2022 NQR and NRR Gasoline trucks (with 6.0L engine) built before 11/3/2021

[VIN 8: "L" VIN 12: "5" & "R"]

Production Dates : FEB 10, 2021 - OCT 11, 2021

VIN Range 1 : Begin : 54DE5W1L5NSR00001 End : 54DE5J1LXNSR01230 Not sequential

Vehicle 2 : 2022-2022 ISUZU NQR Gas

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : This recall applies to MY 2022 NQR and NRR Gasoline trucks (with 6.0L engine) built before 11/3/2021

[VIN 8: "L" VIN 12: "5" & "R"]

Production Dates : FEB 10, 2021 - OCT 11, 2021

VIN Range 1 : Begin : 54DE5W1L4NS500091 End : 54DE5J1LXNS501152 Not sequential

Description of Defect :

Description of the Defect : The engine wiring harness assembly was incorrectly wired at the pinout connector for the oil pressure sensor. The ECM (and a technician's scan tool) will not detect the condition for low oil pressure and will always perceive the pressure to be at 126 psi. If the oil pressure drops below a certain level, the engine oil pressure telltale will not illuminate to indicate low pressure. This condition may also be a noncompliance with FMVSS 101, because the oil pressure telltale does not illuminate when the low pressure condition arises in the vehicle.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : NR

Description of the Safety Risk : In ordinary operation, there is no safety risk. However, if the engine oil pressure is actually low, the defect will mask the warning to the consumer, who may continue to operate with low engine oil pressure. If the engine continues to operate with low engine oil pressure, it could damage the engine or its components and ultimately cause the engine to seize without prior warning. A seized engine can result in vehicle stalling and increase the risk of a crash.

Description of the Cause : In the engine harness assembly, the wires leading to pinout connector position 2 and 3 for the engine oil pressure sensor were reversed. This was due to an engineering drawing error.

Identification of Any Warning that can Occur : There may be one or more warnings to the driver, including the illumination of the Check Engine Light and/or the Engine Overheat Warning Light, engine noise (knocking or clicking) and/or the vehicle may go into de-rate mode (limited speed operation), at which point the customer must park the vehicle as soon as possible. In some cases, there may be no warning before the engine stops.

Involved Components :

Component Name 1 : HARNESS ASM; ENG WRG

Component Description : ENGINE WIRE HARNESS ASSEMBLY

Component Part Number : 897848843x

Supplier Identification :

Component Manufacturer

Name : Arneses Electricos Automotrices S.A.

Address : Prolongacion Allende No. 380
Apaseo el Grande Guanajuato Foreign States 38160
Country : Mexico

Chronology :

Separately provided.

Description of Remedy :

Description of Remedy Program : For vehicles in dealer inventory, Isuzu dealers will first correct the engine wiring harness assembly connector in the engine oil pressure sensor so that the ECM will correctly perceive the oil pressure and then confirm that the engine oil pressure varies at different RPMs while the engine is running. For vehicles in the field (customer vehicles), after correcting the engine wiring harness assembly connector in the engine oil pressure sensor so that the ECM will correctly perceive the engine oil pressure, Isuzu dealers will then check the engine oil pressure at varying RPMs while the engine is running. If the oil pressure does not meet specifications at any of the RPMs checked, then the dealer will repair, or, if necessary, replace the engine. If the oil pressure meets specifications at each of the RPMs checked, then no further repairs are required. This service will be performed free of charge. Reimbursement plan – All subject vehicles within the affected VIN range are new vehicles and are covered under the Isuzu's New Truck Warranty program.

How Remedy Component Differs from Recalled Component : The engine wiring harness is correctly connected to Pins 2 and 3 of the oil pressure sensor connector.

Identify How/When Recall Condition was Corrected in Production : The harnesses in vehicles built on or after November 3, 2021 are correctly connected to Pins 2 and 3 of the oil pressure sensor connector.

Recall Schedule :

Description of Recall Schedule : Isuzu will notify their vehicle owners and dealers of this recall. They will be informed that the recall repairs will be done free of charge. The recall owner notification date will begin on 7/29/2022. For additional information, Isuzu owners may contact Isuzu Customer Relations at 1-866-441-9638.

Planned Dealer Notification Date : JUN 17, 2022 - JUN 17, 2022

Planned Owner Notification Date : JUL 29, 2022 - JUL 29, 2022

* NR - Not Reported