

Part 573 Safety Recall Report

21V-742

Manufacturer Name : Nissan North America, Inc.**Submission Date :** SEP 23, 2021**NHTSA Recall No. :** 21V-742**Manufacturer Recall No. :** PC844**Manufacturer Information :**

Manufacturer Name : Nissan North America, Inc.

Address : P. O. BOX 685001

Franklin TN 37068-5009

Company phone : 800-647-7261

Population :

Number of potentially involved : 10,082

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Nissan Pathfinder

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These issues are unique to the manufacturing range listed above because they occurred at the (Tier 3) supplier during assembly of the internal components and welding process of the third row seat headrests for specific MY 2022 Pathfinder vehicles. These issues occurred at the start of production for a brand new model. No other Nissan or INFINITI vehicles are affected.

Production Dates : MAY 03, 2021 - JUL 23, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Due to an equipment issue during the welding operation at the supplier, the third-row headrest(s) in certain Pathfinder vehicles may contain poor weld penetration on the rod that attaches the headrest to the seat assembly. As a result, the third-row seat headrest rod may detach and fully separate from the headrest assembly.

In addition, due to a supplier assembly issue, there is a potential misalignment of certain internal components of the third-row seat headrest which may cause the customer to notice abnormal movement due to over travel of the headrest. As a result, the third-row headrest may not perform as intended during an accident.

FMVSS 1 : 202 - Head restraints

FMVSS 2 : NR

Description of the Safety Risk : If the third-row headrest assembly detaches during a rear-end crash, it may potentially increase the risk of injury to the third-row seat occupants.

The third-row headrest may not perform as intended during an accident, and could increase the risk of injury to the rear-passenger occupants.

Description of the Cause : NR

Identification of Any Warning that can Occur : The customer may notice abnormal movement of the headrest due to over travel.

Involved Components :

Component Name 1 : W (BASE + SV GRADE)

Component Description : Center Headrest

Component Part Number : 86410 6TA0A

Component Name 2 : W (BASE + SV GRADE)

Component Description : Center Headrest

Component Part Number : 86410 6TA0B

Component Name 3 : W SL GRADE

Component Description : Center Headrest

Component Part Number : 86410 6TA1A

Component Name 4 : W SL GRADE

Component Description : Center Headrest

Component Part Number : 86410 6TA1B

Component Name 5 : W PLATINUM GRADE

Component Description : Center Headrest

Component Part Number : 86410 6TA2A

Component Name 6 : W PLATINUM GRADE

Component Description : Center Headrest

Component Part Number : 86410 6TA2C

Component Name 7 : W PLATINUM GRADE

Component Description : Center Headrest

Component Part Number : 86410 6TA0A

Component Name 8 : W (BASE + SV GRADE)

Component Description : Outside Headrest

Component Part Number : 86480 6TA0A

Component Name 9 : W (BASE + SV GRADE)

Component Description : Outside Headrest

Component Part Number : 86480 6TA0B

Component Name 10 : W SL GRADE

Component Description : Outside Headrest

Component Part Number : 86480 6TA1A

Component Name 11 : W SL GRADE

Component Description : Outside Headrest

Component Part Number : 86480 6TA1B

Component Name 12 : W PLATINUM GRADE

Component Description : Outside Headrest

Component Part Number : 86480 6TA2A

Component Name 13 : W PLATINUM GRADE

Component Description : Outside Headrest

Component Part Number : 86480 6TA2B

Component Name 14 : W PLATINUM GRADE

Component Description : Outside Headrest

Component Part Number : 86480 6TA2C

Supplier Identification :

Component Manufacturer

Name : Adient US-LLC

Address : 1501 Molloy Lane
Murfreesboro Tennessee 37129

Country : United States

Chronology :

On July 21, 2021, during production of the third-row seat assembly, a supplier line operator discovered the left-side rod was detached from the center headrest on a Model Year 2022 Pathfinder. The supplier began an investigation and notified Nissan of the issue.

Upon learning of the issue, Nissan initiated a stop shipment and yard sort at the Smyrna plant to determine if any of the potentially affected headrests were used in production. During the yard sort, Nissan inspected a combined 4,532 headrests and identified 76 headrests with the subject weld condition.

August 2021 – Nissan learned of a second issue from the supplier concerning certain the third-row headrests. In this case, the line operator noticed excessive play in an outboard headrest during production. The supplier continued to investigate both third-row headrest issues simultaneously. As part of the containment activity, the supplier inspected 15,398 headrests and found 27 headrests with the subject misalignment condition.

The supplier investigations revealed that process control issues led to the two concerns. Insufficient welding process quality control issues during the welding of the headrest could potentially cause poor weld penetration at the left side headrest rod. Possible misalignment of the assembly fixture during the internal headrest mechanism assembly could potentially result in excessive play of the outboard headrest. The supplier implemented separate production countermeasures to prevent the issues from reoccurring.

Concurrently, Nissan conducted a safety assessment to evaluate both the insufficient weld and misalignment conditions, and their impact to the regulation (FMVSS 202a).

September 16, 2021 – Out of an abundance of caution, Nissan made a decision to recall all potentially affected vehicles to replace all three rear headrests.

Nissan is not aware of any warranty claims attributed to either condition.

Description of Remedy :

Description of Remedy Program : Dealers will remove and replace all three (3) third row seat headrests.

We will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as the subject vehicles are under warranty.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Nissan will notify all owners of potentially affected vehicles by November 19, 2021. Dealers will be notified September 24, 2021.

Planned Dealer Notification Date : SEP 24, 2021 - NR

Planned Owner Notification Date : NOV 19, 2021 - NR

* NR - Not Reported