

# Part 573 Safety Recall Report

# 23V-814

**Manufacturer Name :** Nissan North America, Inc.**Submission Date :** DEC 21, 2023**NHTSA Recall No. :** 23V-814**Manufacturer Recall No. :** PC994**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 : 20,051

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2024 INFINITI QX60

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Based on Nissan production records, the issue occurred on certain Model Year 2022 – 2024 INFINITI QX60 vehicles equipped with an Intelligent Power Distribution Module (IPDM) that had a specific configuration setting for the Adaptive Front-Light System (AFS) during the specified production period. No other Nissan or INFINITI vehicles are affected.

Production Dates : AUG 12, 2021 - SEP 20, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** On affected QX60 vehicles, the Adaptive Front-Light System (AFS) function was inadvertently configured using an incorrect tilt value. As a result, when vehicle speed is over 81 mph (130 km/h), if the headlights are in "AUTO" mode, the AFS configuration on affected vehicles will adjust the headlamps to their greatest downward angle once the target speed is hit and maintained until the speed is lowered below 81 mph (130 km/h).

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** In this condition, the customer may experience reduced visibility potentially increasing the risk of a collision.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** There is no preceding warning.

**Involved Components :**

Component Name 1 : CONT UNIT - IPDM, ENG ROOM

Component Description : IPDM w/ OBD

Component Part Number : 284B7 6TA2D

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

December 28, 2022 - Nissan received a customer complaint on a MY2022 INFINITI QX60 alleging the headlamp aim adjusted downward automatically while driving at high speeds. Nissan initiated an investigation.

June 2023 through July 2023 - During the investigation, Nissan discovered the vehicle tilt offset of the Adaptive Front-Light System (AFS) feature was inadvertently mis-configured within the Intelligent Power Distribution Module (IPDM). While the headlamps are in AUTO mode, if the vehicle exceeds 81 mph (130 km/h), the IPDM switches the headlamp leveling system to highway mode but due to the incorrect configuration of the vehicle tilt, the headlamps are adjusted to the greatest downward angle. Changing the headlamp switch from "AUTO" to "ON" or reducing the vehicle speed to below 81 mph (130 km/h) returns the headlamp aim.

August 2023 through September 2023 - Nissan investigated the potential effect of the condition during in-vehicle testing during low ambient light conditions and in rural areas.

October 2023 through November 2023 - The in-vehicle testing found that reduced visibility may occur at highway speeds above 81 mph under certain low ambient light driving conditions.

November 27, 2023 - Nissan decided to conduct a Voluntary Safety Recall of all potentially affected vehicles.

Nissan is aware of fourteen (14) warranty claims from January 10, 2022 to October 26, 2023 related to the subject condition. No accidents or injuries have been reported.

## Description of Remedy :

Description of Remedy Program : Retailers will be instructed to reconfigure the IPDM settings to the correct AFS parameters. All repairs will be performed free of charge for parts and labor and may take up to a half (0.5) hour to complete.

Nissan will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy since 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 : Retailers will be notified of the recall beginning December 18, 2023. Beginning on January 12, 2024, owners of all potentially affected vehicles will be notified to bring their QX60 to an INFINITI retailer for repair.

Planned Dealer Notification Date : DEC 18, 2023 - NR

Planned Owner Notification Date : JAN 12, 2024 - NR

\* NR - Not Reported