

My CDX

EV-CIS (Engines and Vehicles - Compliance

Information System)

CDX Inbox
NSX-LMURRAY

View Report Defects and Recalls

- Report Setup

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Manufacturer Code:

NSX

Manufacturer Name:

Nissan Motor Co., Ltd.

Industry:

Light-Duty Vehicles and Trucks

Report Type:

Recall Report

Manufacturer Report Name:

2022 - 2024 Nissan Versa M/T VTC CU Calc Logic Voluntary Service Campaign

Manufacturer Report Identifier:

- Report Description

Hide

Applicable Regulation:

Part 85

Has at least one Defect Report been submitted that is related to this recall?

Y = Yes

EPA Report Identifier(s) for Related Defect Reports:

[Redacted]

[Redacted]

Contacts:

- Murray, Louis (louis.murray@nissan-usa.com)
- Pommer, John (john.pommer@nissan-usa.com)

Report Details

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Remedy Information

A description of the defect

On some 2022 through 2024 Nissan Versa vehicles equipped with a manual transmission, customers may experience reduced engine power and may experience a MIL illumination related to the electric Valve Timing Control module assembly (VTC control unit) with [REDACTED]. Under certain conditions, if the vehicle stalls and an engine restart occur within five seconds, [REDACTED] is triggered, and the vehicle will enter failsafe mode with limited engine torque. Nissan has investigated and found that, in affected vehicles, the VTC control unit may enter failsafe mode during the vehicle owner operation of the accelerator and clutch pedal. The VTC incorrectly calculates the crankshaft signal gap during stall. [REDACTED] is detected due to the lesser camshaft signal during crankshaft rotation. Following an engine restart, [REDACTED] is not cleared, and the intake valve timing is set leading to a drop in compression ratio and decrease in acceleration performance.

Describe the specific modifications, alterations, repairs, corrections, adjustments, or other changes to be made to correct the vehicles or engines affected by the emission-related defect.

Nissan has updated the VTC control unit software logic so that it will check for a camshaft signal input from engine Bank 1 and not reference engine Bank 2. This software change was implemented into production [REDACTED]. Additionally, Nissan published Technical Service Bulletin (TSB) [REDACTED] on April 28, 2025, instructing technicians to replace the VTC control unit of vehicles experiencing MIL illumination for this issue (DTC [REDACTED]). Nissan will conduct a Voluntary Service Campaign to replace the VTC Control Unit for affected MY22 – MY24 vehicles produced through [REDACTED].

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Remedy Impact Information

Describe the impact of the proposed changes on fuel economy of each class or category of vehicles or engines to be recalled.

If this issue occurs, any emissions impact is expected to be minimal.

Describe the impact of the proposed changes on drivability of each class or category of vehicles or engines to be recalled.

Some customers have reported experiencing limp mode and reduced engine performance but are able to drive the vehicle normally after cycling the ignition. The vehicle will exit failsafe mode if more than five seconds elapses between the key off and key on engine cycle.

Describe the impact of the proposed changes on safety of each class or category of vehicles or engines to be recalled.

Safety will not be impacted with this repair.

Recall/Repair Information

How will an adequate supply of parts be ensured? Include the date by which an adequate supply of parts will be available to initiate the repair campaign:

Part supply is available for immediate use upon campaign launch.

Describe who will perform or manage the repairs:

Only Nissan service technicians will be authorized to perform this remedy.

Information for Owners

A description of the procedure to be followed by vehicle or engine owners to obtain correction of the nonconformity.

Owners will be asked to make an appointment with a Nissan dealer to have their vehicles repaired.

Date on or after which owners can have nonconformity remedied:

[Redacted]

Time necessary to perform the labor to remedy the defect:

This repair should take less than an hour to complete.

Facilities where the defect can be remedied:

[Redacted]

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Nissan dealers

A description of the proper maintenance or use, if any, as a condition to be eligible for repair under the remedial plan, an explanation of the manufacturer's reasons for imposing any such condition, and a description of the proof to be required of a vehicle or engine owner to demonstrate compliance with any such condition:

None required

Owner Identification and Notification Information

Describe the method used to determine the names and addresses of the vehicle or engine owners:

S&P Global (formerly RL Polk) data and/or internal records will be used to identify and contact owners.

Describe how you will notify owners.

Nissan will send notification letters to vehicle owners directly via USPS mail.

Owner Notification Start Date:

[Redacted]

Owner Notification Final Date:

[Redacted]

- Family & Model Details

Hide

Show/

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Test Group

Model Year

Number of Units Involved in Recall

[Redacted]

2022

464

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Show/
Hide

Test Group

Model Year

Number of Units Involved in Recall

Evaporative/Refueling Family Name(s):

-

Sales Areas

All 50 States

Models Affected by Defect

| Carline MFR Code | Division Code | Carline Code | Specific Displacement(s) Impacted Description | Specific Transmission(s) Impacted Description |
|------------------------|------------------|-----------------|--|--|
| NSX | NISSAN | VERSA | | |



2023

755

Evaporative/Refueling Family Name(s):

-

Sales Areas

All 50 States

Models Affected by Defect

| Carline MFR Code | Division Code | Carline Code | Specific Displacement(s) Impacted Description | Specific Transmission(s) Impacted Description |
|------------------------|------------------|-----------------|--|--|
| NSX | NISSAN | VERSA | | |



2024

1677

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Show/

Hide

Test Group

Model Year

Number of Units Involved in Recall

Evaporative/Refueling Family Name(s):

-

Sales Areas

All 50 States

Models Affected by Defect

| Carline MFR Code | Division Code | Carline Code | Specific Displacement(s) Impacted Description | Specific Transmission(s) Impacted Description |
|------------------------|------------------|-----------------|--|--|
| NSX | NISSAN | VERSA | | |

Comments:

edit

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