



VOLUNTARY SERVICE CAMPAIGN

Classification: EM25-002	Reference: 2504-037	Date: Draft, do not release
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VOLUNTARY SERVICE CAMPAIGN 2022-2024 VERSA; ELECTRIC IVT CONTROL MODULE REPLACEMENT

CAMPAIGN ID #: TBD
APPLIED VEHICLES: 2022-2024 Versa (N18)
APPLIED TRANSMISSION: Manual Transmission Only

**Check Service COMM or Dealer Business Systems (DBS)
National Service History to confirm campaign eligibility.**

INTRODUCTION

Nissan is conducting this voluntary service campaign on certain specific model year 2022-2024 Versa vehicles, to replace the Electric Intake Valve Timing (E-IVT) Control Module. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number TBD to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) owners, and vehicles in a dealer's inventory.

Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

IMPORTANT:

Attention California Dealers

An Emission Recall Campaign Completion (ERCC) label must be filled out by the technician performing the repair, and then attached to the underside of the vehicle hood. A sample of the label is shown in Figure 1.

<p>Technician to fill in the following:</p> <p>“Replaced E-IVT Control Module per Campaign ID # TBD”</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">NISSAN MOTOR CORPORATION</td> </tr> <tr> <td colspan="2" style="text-align: center;">AUTHORIZED MODIFICATIONS</td> </tr> <tr> <td colspan="2" style="text-align: center;">THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:</td> </tr> <tr> <td colspan="2" style="height: 20px;"> </td> </tr> <tr> <td colspan="2" style="text-align: center;">THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB</td> </tr> <tr> <td>DEALER CODE:</td> <td>DATE:</td> </tr> <tr> <td colspan="2">CHANGE AUTHORITY:</td> </tr> </table>	NISSAN MOTOR CORPORATION		AUTHORIZED MODIFICATIONS		THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:				THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB		DEALER CODE:	DATE:	CHANGE AUTHORITY:	
NISSAN MOTOR CORPORATION															
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THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB															
DEALER CODE:	DATE:														
CHANGE AUTHORITY:															
<p>Also fill in the following:</p> <p>“DEALER CODE” and “DATE” Put “ARB/EPA” under “CHANGE AUTHORITY”</p>															

Figure 1

California law prohibits owners from renewing their California registration if emissions related recall work has not been performed. California dealers are required to issue a proof of correction certificate to vehicle owners upon completion of emissions related recall work. Please fill out one of the campaign completion forms for each owner that has this campaign performed. Instruct owners to keep this certificate unless they are requested to mail it to the DMV. A sample of the form is shown in Figure 2.

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Model Year	Body Type	Vehicle Identification Number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Manufacturer _____			Recall Number _____	
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's Name _____		Address, City, State, Zip _____		
Date _____		Dealership's Authorized Signature _____ X		
Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.				CAEMRC 1-20

Figure 2

HINT:

- These forms (item number **CAEMRC 1-20**) and labels (item number **NIS-UHL-16**) are available from Nissan Publications through NNAnet at no charge.
- When either item (form or label) is ordered, you will automatically receive the other item as well.

SERVICE PROCEDURE

1. Place the vehicle on a suitable lift.



Figure 3

2. Open the hood and set the hood support rod.
3. Disconnect the battery negative terminal, then the battery positive terminal.



Figure 4

4. Lift the vehicle to a suitable height to allow for removal of the front driver (LH) side wheel and tire assembly.



Figure 5

5. Remove the front driver (LH) side wheel cover.



Figure 6

6. Remove the front driver (LH) side wheel and tire assembly.



Figure 7

7. Remove the five (5) retaining clips on the front driver (LH) side fender protector (Figure 6).

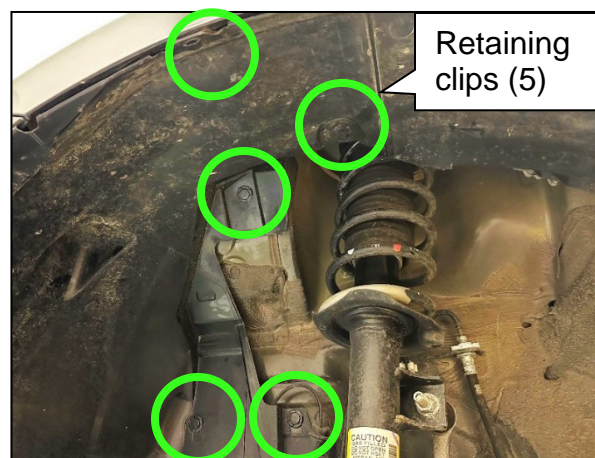


Figure 8

- Remove the three (3) screws and the two (2) retaining clips on the bottom of the front driver (LH) side fender protector (Figure 7).

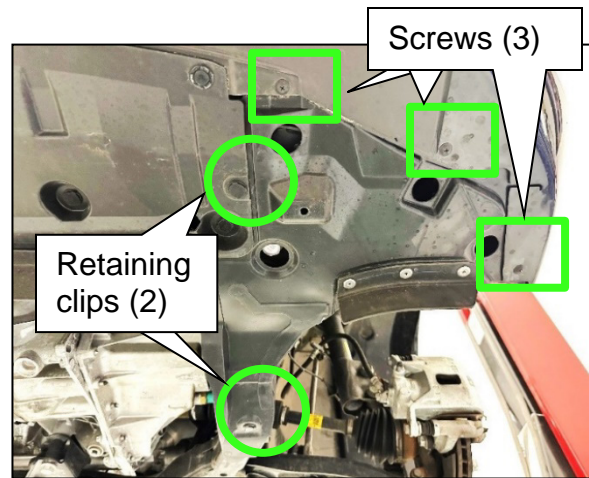


Figure 9

- Partially remove the front driver (LH) side fender protector and locate the E-IVT Control Module (Figure 8).

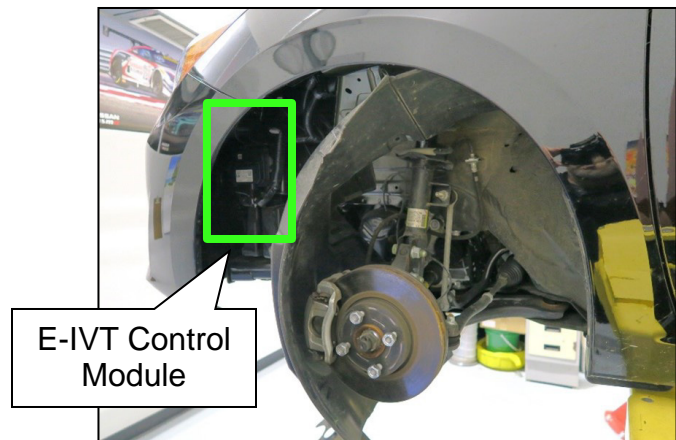


Figure 10

CAUTION

To avoid the risk of moderate personal injury or damage to the vehicle when servicing the E-IVT Control Module and/or harness connector, always confirm the harness connector lever is fully released (loosened) before attempting to disconnect it.

- Disconnect the E-IVT Control Module harness connector (Figure 9).

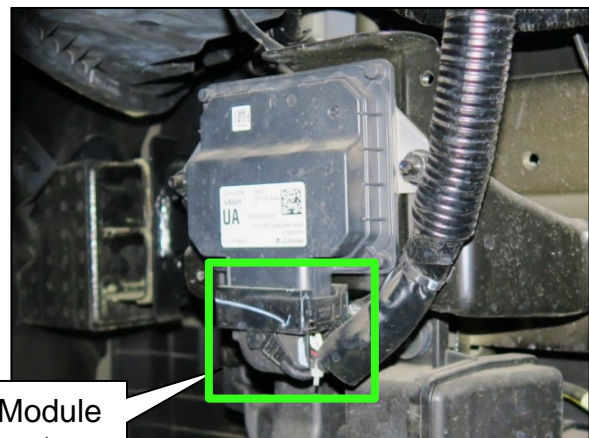


Figure 11

11. Remove the old E-IVT Control Module from the vehicle (Figure 10).
 - a. Remove the two (2) 13 mm nuts securing the E-IVT Control Module.
 - b. Remove the E-IVT Control Module from the vehicle.

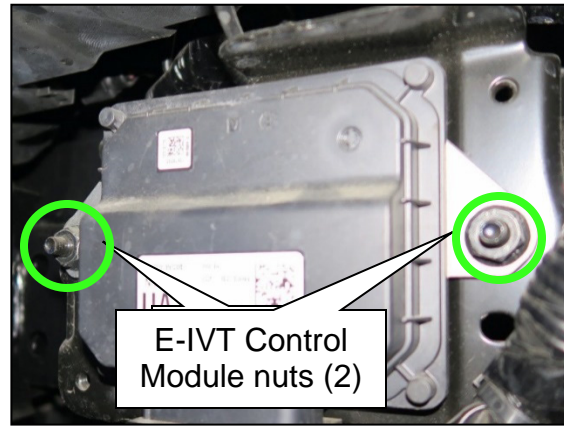


Figure 12

HINT: If **ELECTRIC IVT CONTROL ACTUATOR POSITION LEARNING** is not performed after E-IVTC Module replacement, the engine may not start.

12. Install the new E-IVT Control Module by repeating steps 1 - 11 on pages 3 - 6 in reverse order to complete the installation process.
 - E-IVT Control Module nut torque: 17 N•m (1.7 kg-m, **13 ft-lb**)
 - Wheel lug nut torque: 113 N•m (12 kg-m, **83 ft-lb**)
 - Battery terminal torque: 5.5 N•m (0.56 kg-m, **49 in-lb**)
 - When reconnecting the battery terminals, reconnect the battery positive terminal first, then reconnect the battery negative terminal.
13. Perform **ELECTRIC IVT CONTROL ACTUATOR POSITION LEARNING** using Consult III plus.
 - Refer to the ESM: **ENGINE > ENGINE CONTROL SYSTEM > HR16DE > BASIC INSPECTION > ELECTRIC IVT CONTROL ACTUATOR POSITION LEARNING > Work Procedure**

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
MODULE ASSY-VTC CONTROL	237F0-9VC0C	1

CLAIMS INFORMATION

Submit a “CM” line claim using the following claims coding:

CAMPAIGN (“CM”) ID	DESCRIPTION	OP CODE	FRT
TBD	Replace E-IVT Control Module	TBD	0.7

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
TBD	NTBXX-XXX	Original bulletin published

