



SERVICE BULLETIN

Classification: EC17-033b	Reference: NTB17-113b	Date: August 28, 2019
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2017-2018 ROGUE SPORT; WHEN COLD LONG CRANK TIME, ENGINE TURNS OFF, HESITATION, ROUGH IDLE, OR MISFIRE

This bulletin has been amended. See **AMENDMENT HISTORY** on the last page.
Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2017-2018 Rogue Sport (J11)

IF YOU CONFIRM

After the engine has been OFF for more than two (2) hours, any of the following occur during engine start and warm up:

- Long engine crank time (with mechanical key only)
- Engine turns OFF, requiring a restart
- Hesitation on acceleration
- Rough Idle
- Engine misfire

ACTION

1. Refer to step 6 in the **SERVICE PROCEDURE** to confirm this bulletin applies to the vehicle you are working on.
2. If this bulletin applies, reprogram the ECM.

IMPORTANT: The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** as it contains information that is essential to successfully completing this repair.

Nissan 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.

SERVICE PROCEDURE

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (C-III plus) plus software updates (if any) have been installed.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).

NOTE:

- Most instructions for reprogramming with C-III plus are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "CONSULT- III plus (C-III plus) Reprogramming" general procedure.
- Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learn (IAVL) conditions:
 - Engine coolant temperature: 70 -100°C (158 -212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up



Figure A

- After reprogramming is complete, you will be required to perform Idle Air Volume Learn. The above condition are required for Idle Air Volume Learn to complete.

CAUTION:

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below 12.0V or rises above 15.5V during reprogramming, the ECM may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ECM may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and plus VI. If Bluetooth® signal waves are within range of the CONSULT PC and plus VI during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.
2. Start C-III plus.
3. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
4. Select **Re/programming, Configuration**.

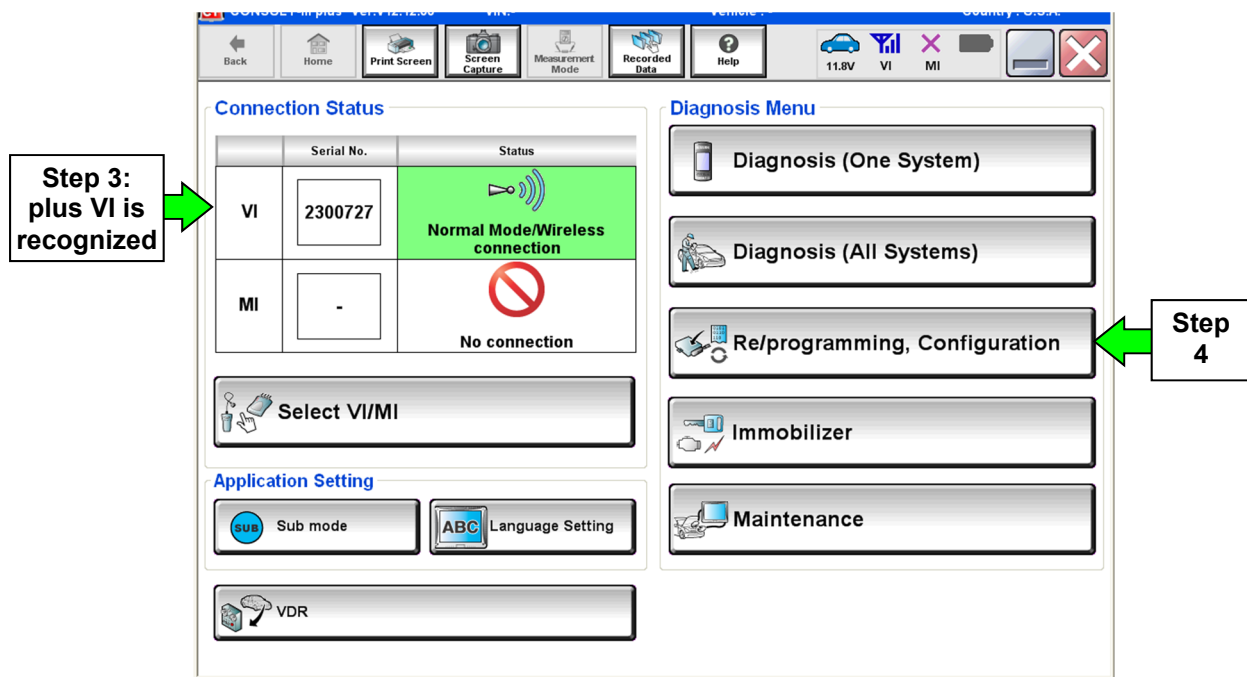


Figure 1

5. Follow the on-screen instructions and navigate the C-III plus to the screen shown in Figure 2 on the next page.

6. When you get to the screen shown in Figure 2, confirm this bulletin applies as follows.

A. Find the ECM **Part Number** and write it on the repair order.

NOTE: This is the current ECM Part Number (P/N).

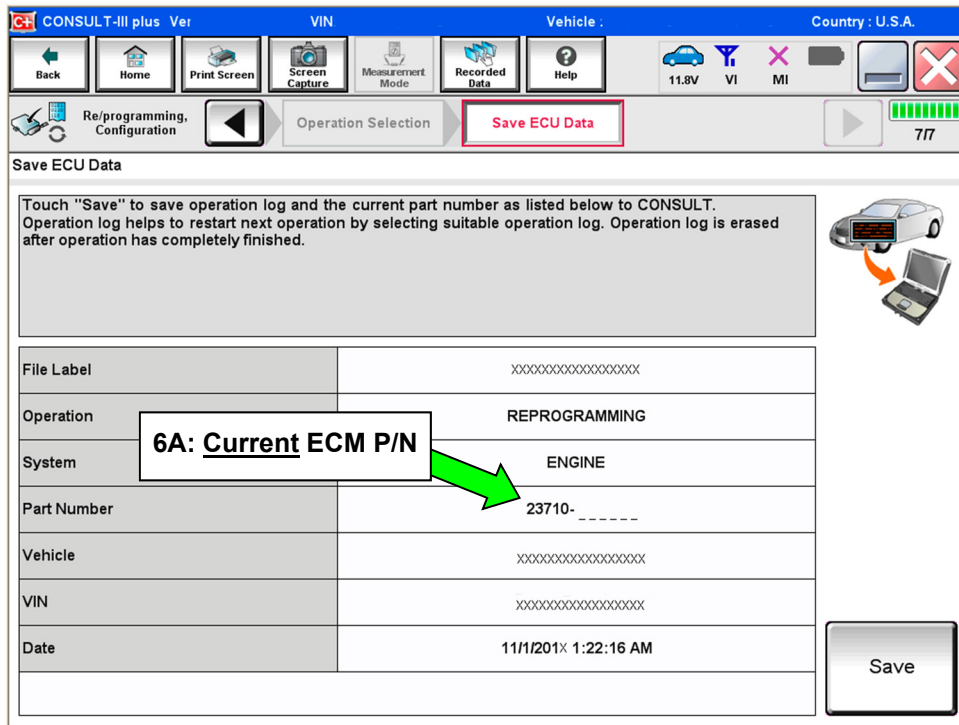


Figure 2

B. Compare the P/N you wrote down to the numbers in the **Current ECM Part Number** column in **Table A** on the next page.

- If there is a match, continue with the reprogramming procedure.
- If there is not a match, reprogramming does not apply. Refer to ASIST for further diagnostic and repair information.

Table A

MODEL	CURRENT ECM PART NUMBER: 23710-				
2017 Rogue Sport	6MA0A	6MA0B	6MA0D		
	6MA1A	6MA1B	6MA1D		
	6MA2A	6MA2B	6MA2D	6MA2E	
	6MA3A	6MA3B	6MA3D	6MA3E	
	6MA4A	6MA4B	6MA4D	6MA4E	
	6MA5A	6MA5B	6MA5D	6MA5E	
	6MA6A	6MA7A	6MA8A	6MA9A	
	6MB0A	6MB0B	6MB0D	6MB0E	
	6MB1A	6MB1B	6MB1D	6MB1E	
	6MB2A	6MB2B	6MB2D	6MB2E	
	6MB3A	6MB3B	6MB3D	6MB3E	
	6MB6A	6MB7A	6MB8A	6MB9A	
	2018 Rogue Sport	6MH0A	6MH0B		
		6MH1A	6MH1B		
6MH2A		6MH2B	6MH2C		
6MH3A		6MH3B	6MH3C		
6MH4A		6MH4B	6MH4C		
6MH5A		6MH5B	6MH5C		
6MH6A		6MH6B	6MH6C		
6MH7A		6MH7B	6MH7C		
6MH8A		6MH8B	6MH8C		
6MH9A		6MH9B	6MH9C		
6ME0A		6ME0B			
6ME1A		6ME1B			
6MG0A		6MG0B			
6MG1A		6MG1B			
6MG2A		6MG2B			
6MG3A		6MG3B			
6MG4A		6MG4B			
6MG5A		6MG5B			
6MG6A		6MG6B			
6MG7A		6MG7B			
6MG8A		6MG8B			
6MG9A	6MG9B				

7. Follow the on-screen instructions to navigate C-III plus and reprogram the ECM.

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - If there is more than one new P/N, the screen in Figure 3 displays.
 - Select and use the reprogramming option that **does not** have the message “Caution! Use ONLY with NTBXX-XXX”.
- If you get this screen and it is blank (no reprogramming listed), it means there is no reprogramming available for this vehicle.

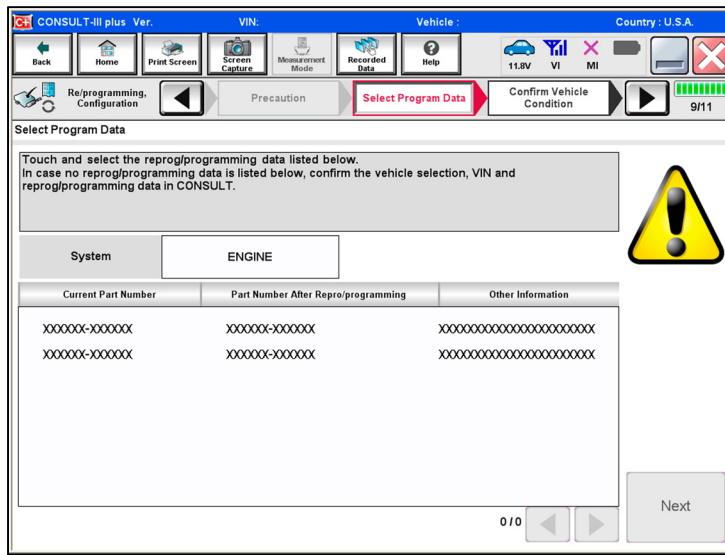


Figure 3

- Before reprogramming will start, you will be required to enter your **Username** and **Password**.
 - The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - If you do not know your **Username** and **Password**, contact your service manager.

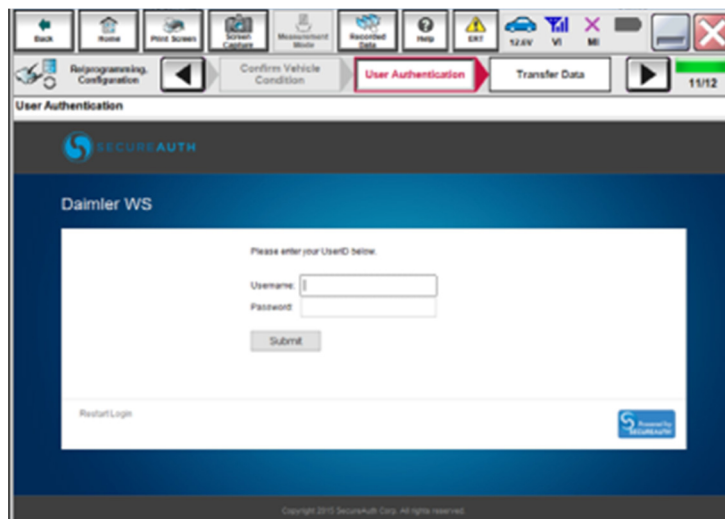


Figure 4

8. When the screen in Figure 5 displays, reprogramming is complete.

NOTE: If the screen in Figure 5 does not display (indicating that reprogramming did not complete), refer to the information on page 8.

9. Disconnect the battery maintainer/smart charger from the vehicle.

10. Select **Next**.

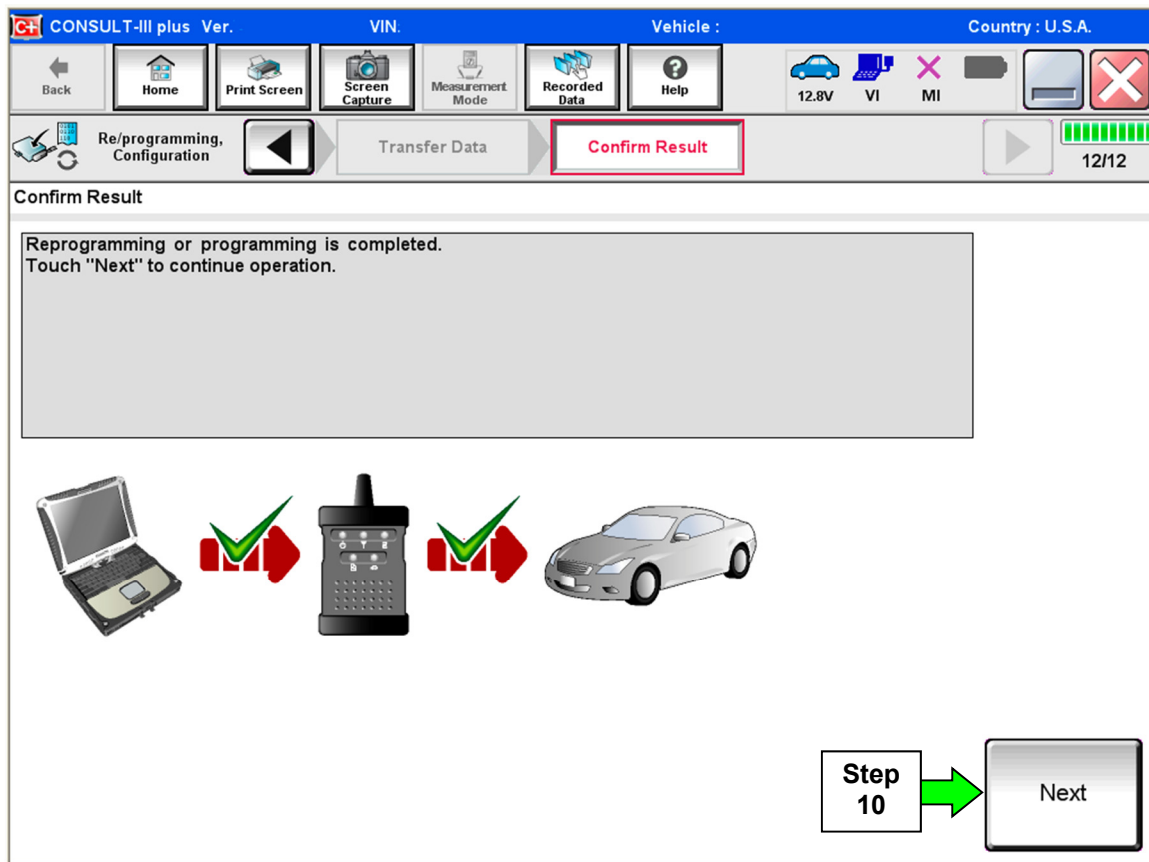


Figure 5

NOTE:

- In the next steps, starting on page 9, you will perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.
- These operations are required before C-III plus will provide the final reprogramming confirmation report.

ECM recovery:

Do not disconnect the plus VI or shut down C-III plus if reprogramming does not complete.

If reprogramming does not complete and the “!?” icon displays as shown in Figure 6:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth® devices are OFF.
- All electrical loads are OFF.
- **Select retry and follow the on screen instructions.**
- “Retry” may not go through on first attempt and can be selected more than once.

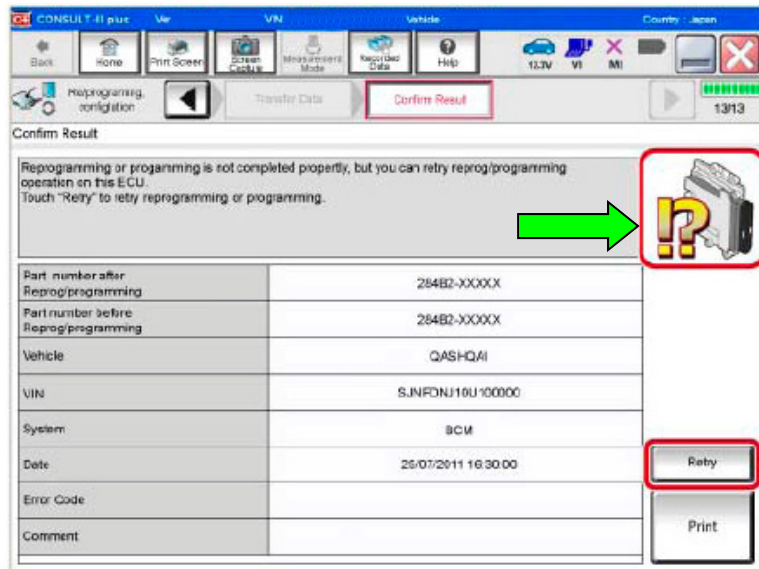


Figure 6

If reprogramming does not complete and the “X” icon displays as shown in Figure 7:

- Check battery voltage (12.0 – 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- **Select Home, and restart the reprogram procedure from the beginning.**

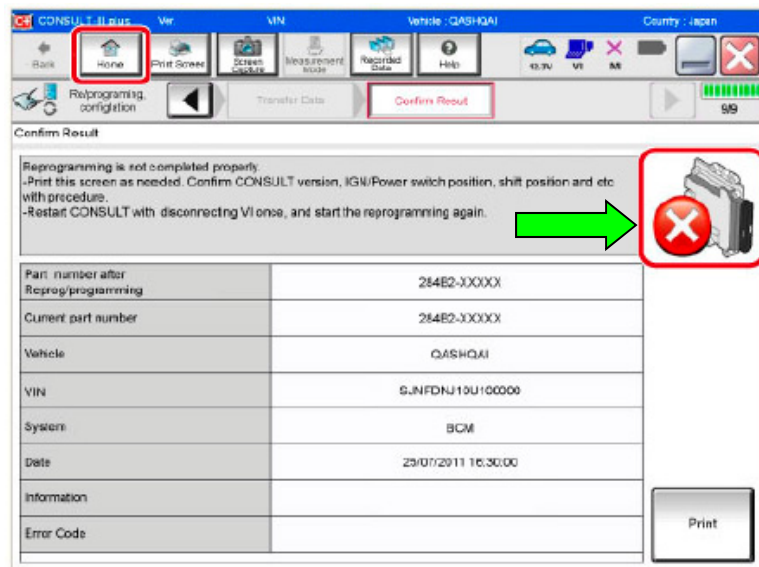


Figure 7

11. Follow the on-screen instructions to perform the following:

- **Throttle Valve Closed Position.**
- **Idle Air Volume Learn (IAVL).**

NOTE:

- Listed below are common conditions required for IAVL to complete.
 - If IAVL does not complete within a few minutes, a condition may be out of range.
 - Refer to the appropriate ESM for specific conditions required for the vehicle you are working on.
 - Engine coolant temperature: 70-100°C (158-212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Selector lever: P or N
 - Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
 - Steering wheel: Neutral (Straight-ahead position)
 - Vehicle speed: Stopped
 - Transmission: Warmed up
- **Accelerator Pedal Close Position Learning**
 - **Erase DTCs**

Continue to the next page.

12. When the entire reprogramming process is complete, the screen in Figure 8 will display.
13. Verify the before and after part numbers are different.
14. Print a copy of this screen (Figure 8) and attach it to the repair order for warranty documentation.
15. Select **Confirm**.

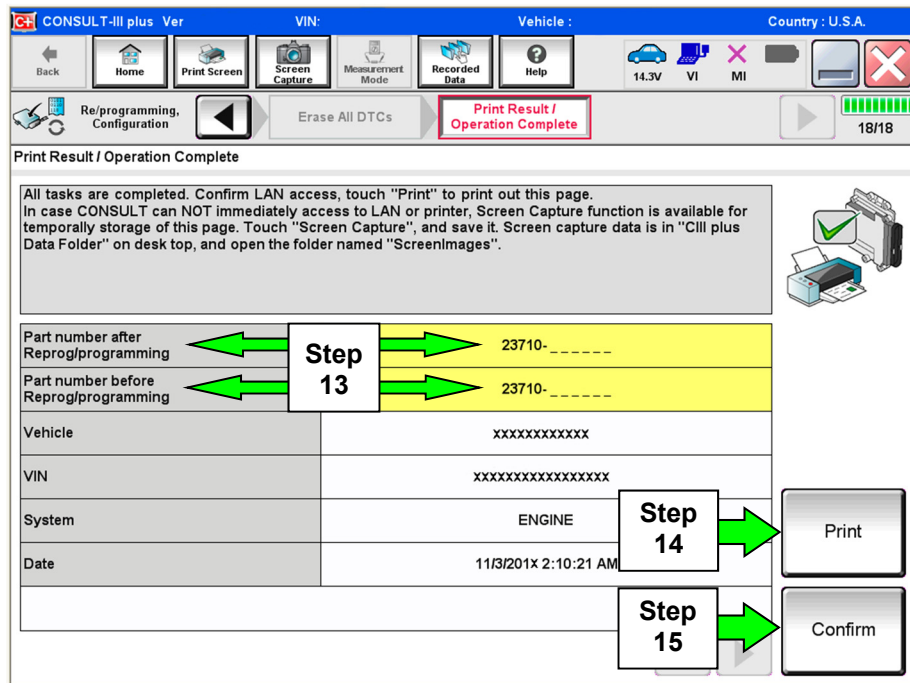


Figure 8

16. Close C-III plus.
17. Turn the ignition OFF.
18. Disconnect the plus VI from the vehicle.

CLAIMS INFORMATION

Submit a Primary Part (PP) type claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ECM	(1)	DE97AA	ZE	32	(2) (3)

- (1) Reference the EPC and use the ECM part number (23703-*****) as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.
- (3) FRT allows adequate time to access DTC codes and reprogram ECM. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
November 6, 2017	NTB17-113	Original bulletin published
September 28, 2018	NTB17-113a	Title, APPLIED VEHICLES section, and Table A revised
August 28, 2019	NTB17-113b	CLAIMS INFORMATION section revised

