

# NISSAN SENTRA 2024 B18 Tire Pressure ID Registration

**Tested Model:** NISSAN SENTRA 2024 B18

## Function Description:

### Execution Background:

1. BCM control module replaced
2. Tire pressure sensor replaced
3. There are related DTCs.

## Execution Conditions:

### Equipment Requirements:

Product requirements: X431 PAD III and later products

### Software Requirements:

Nissan V44.70 and later version

## Procedure:

1. Turn on the vehicle ignition switch, connect Launch X431-PAD 5 connector, and select the Nissan model software (V44.70 or later) to enter the following menu interface (as shown in Figure 1).

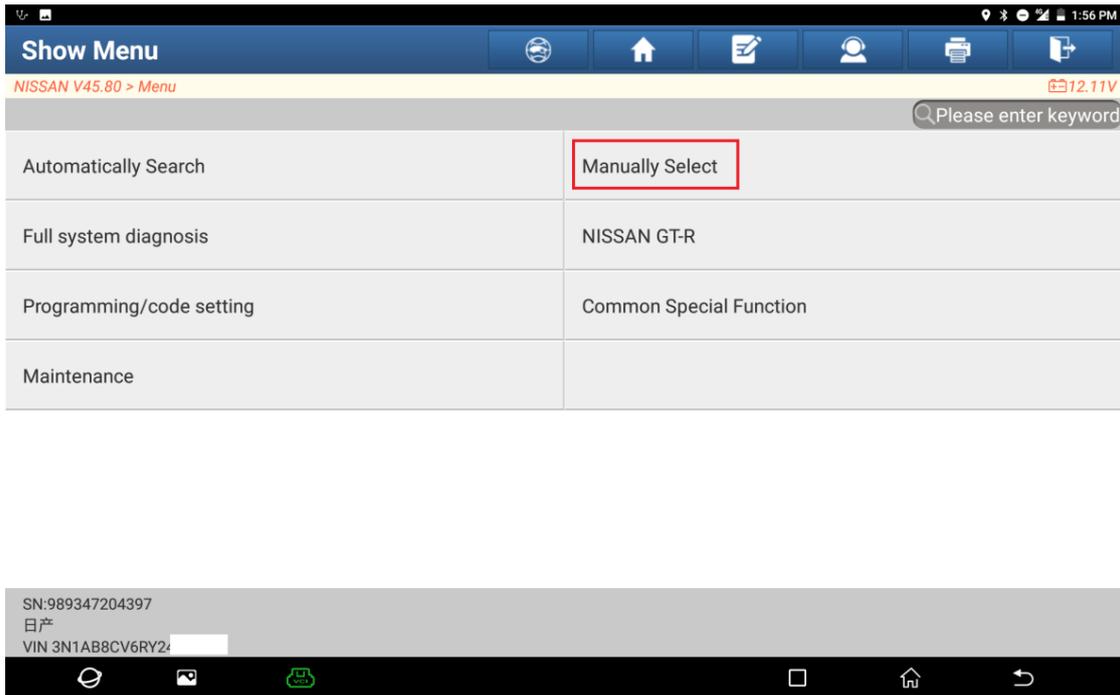


Figure 1

2. Choose [Manually Select -> North America -> American Samoa -> SENTRA -> B18 -> 02/2024-] in sequence to enter the full vehicle systems, and click [Smart Detection] to scan the full vehicle systems (as shown in Figure 2).

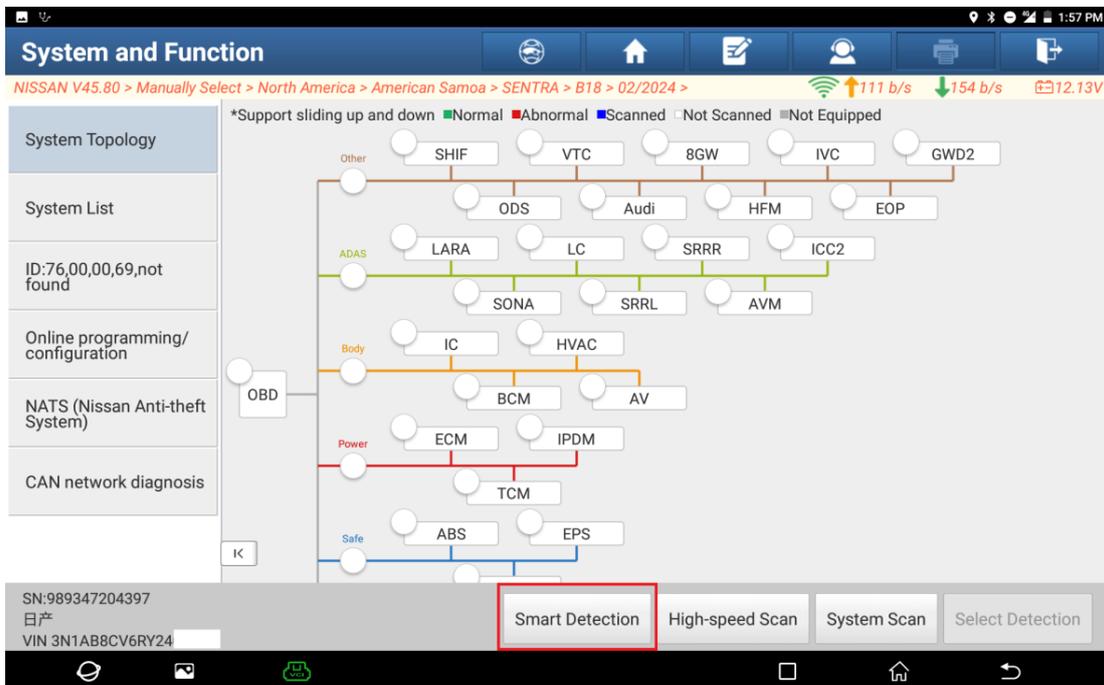


Figure 2

- Choose [System List] and then choose [Engine Control Module (ECM)] (as shown in Figure 3).



Figure 3

- Choose [Read Fault Code]. The DTC interface is displayed, prompting the current DTC (as shown in Figure 4).

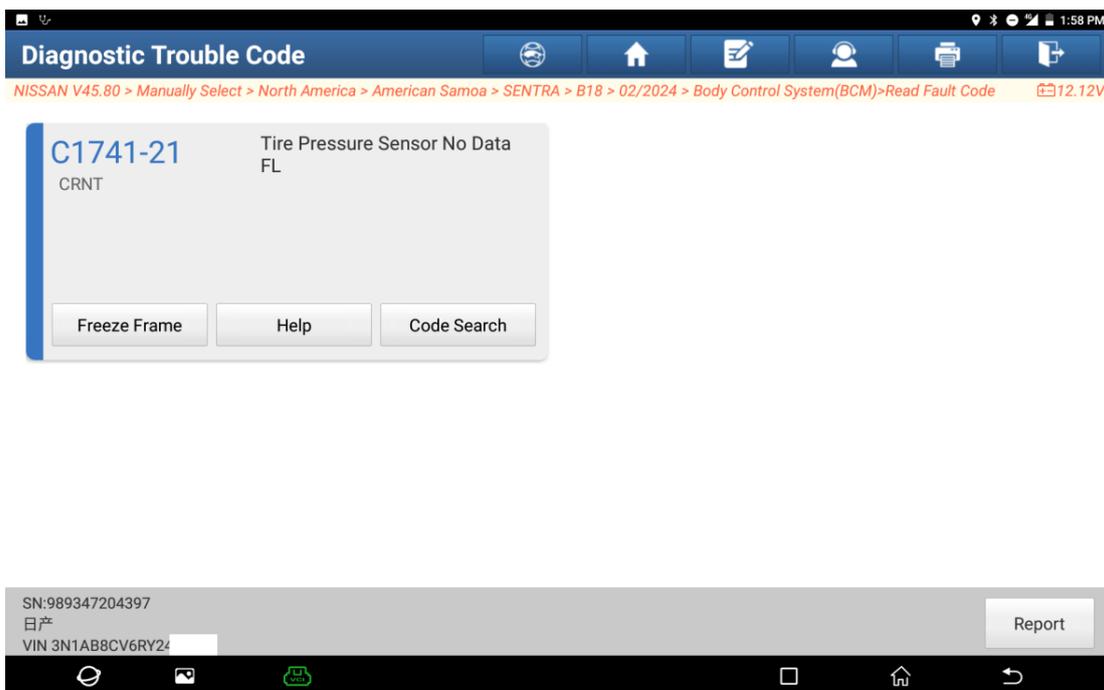


Figure 4

- 5. Return to the previous menu interface and choose [WORK SUPPORT] (as shown in Figure 5).

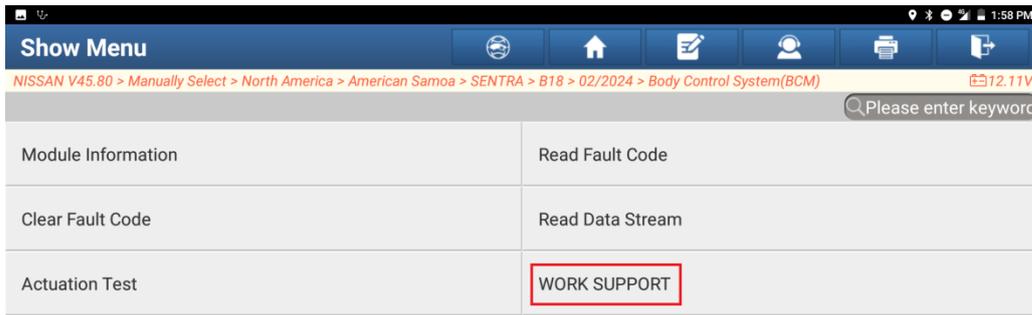


Figure 5

- 6. Choose [ID Regist] (as shown in Figure 6).



Figure 6

- 7. Click [Start] to prompt the activation information (as shown in Figure 7 and Figure 8).

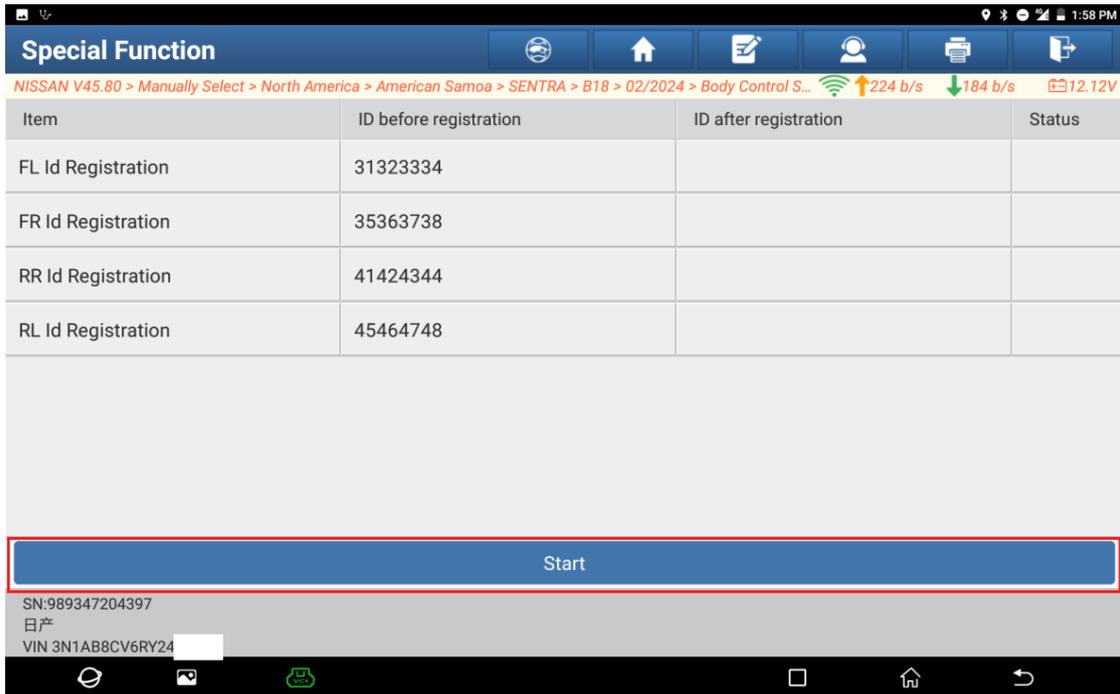


Figure 7

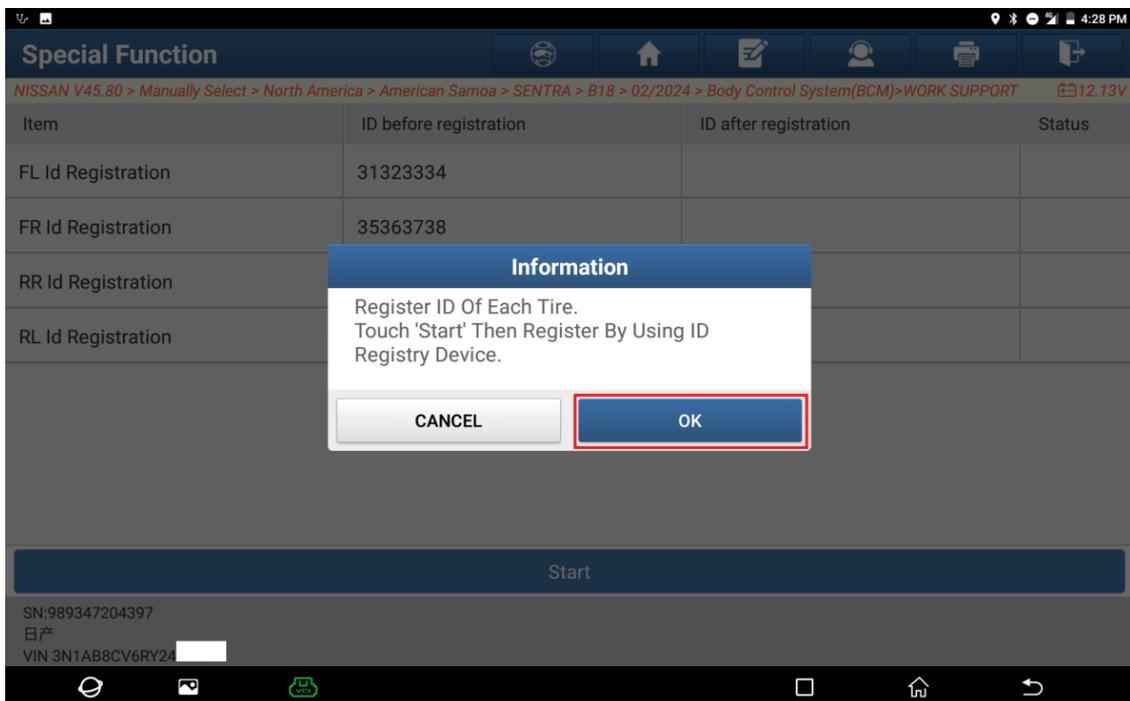


Figure 8

8. Before activation, each ID is displayed as inactive (as shown in Figure 9).

Item	ID before registration	ID after registration	Status
FL Id Registration	31323334		Inactive
FR Id Registration	35363738		Inactive
RR Id Registration	41424344		Inactive
RL Id Registration	45464748		Inactive

SN:989347204397  
 日产  
 VIN 3N1AB8CV6RY24

Figure 9

9. Use professional tire pressure equipment to activate the IDs in the order of "FL wheel -> FR wheel -> RR wheel -> RL wheel". Activate the ID of the FL wheel (as shown in Figure 10).

Item	ID before registration	ID after registration	Status
FL Id Registration	31323334	A1CDEFAA	activtd
FR Id Registration	35363738		Inactive
RR Id Registration	41424344		Inactive
RL Id Registration	45464748		Inactive

SN:989347204397  
 日产  
 VIN 3N1AB8CV6RY24

Figure 10

10. Use the tire pressure equipment to activate the ID of the FR wheel (as shown in Figure 11).

The screenshot shows a mobile application interface with a blue header 'Special Function'. Below the header is a navigation bar with icons for home, edit, user, print, and share. A breadcrumb trail reads: 'NISSAN V45.80 > Manually Select > North America > American Samoa > SENTRA > B18 > 02/2024 > Body Control S...'. Network status shows 2.23 kb/s upload and 1.38 kb/s download. The main content is a table with the following data:

Item	ID before registration	ID after registration	Status
FL Id Registration	31323334	A1CDEFAA	activtd
FR Id Registration	35363738	A2CDEFAA	activtd
RR Id Registration	41424344		Inactive
RL Id Registration	45464748		Inactive

At the bottom of the screen, there is a grey box containing the following information: SN:989347204397, 日産 (Nissan), and VIN 3N1AB8CV6RY24 [redacted]. The bottom navigation bar contains icons for back, home, and forward.

Figure 11

11. Use the tire pressure equipment to activate the ID of the RR wheel (as shown in Figure 12).

The screenshot shows a mobile application interface with a blue header 'Special Function'. Below the header is a navigation bar with icons for home, edit, user, print, and share. A breadcrumb trail reads: 'NISSAN V45.80 > Manually Select > North America > American Samoa > SENTRA > B18 > 02/2024 > Body Control S...'. Network status shows 2.22 kb/s upload and 1.43 kb/s download. The main content is a table with the following data:

Item	ID before registration	ID after registration	Status
FL Id Registration	31323334	A1CDEFAA	activtd
FR Id Registration	35363738	A2CDEFAA	activtd
RR Id Registration	41424344	A3CDEFAA	activtd
RL Id Registration	45464748		Inactive

At the bottom of the screen, there is a grey box containing the following information: SN:989347204397, 日産 (Nissan), and VIN 3N1AB8CV6RY24 [redacted]. The bottom navigation bar contains icons for back, home, and forward.

Figure 12

- Use the tire pressure equipment to activate the ID of the RL wheel. At this time, all IDs have been activated, and the ID registration status is displayed as "Registered" (as shown in Figure 13).

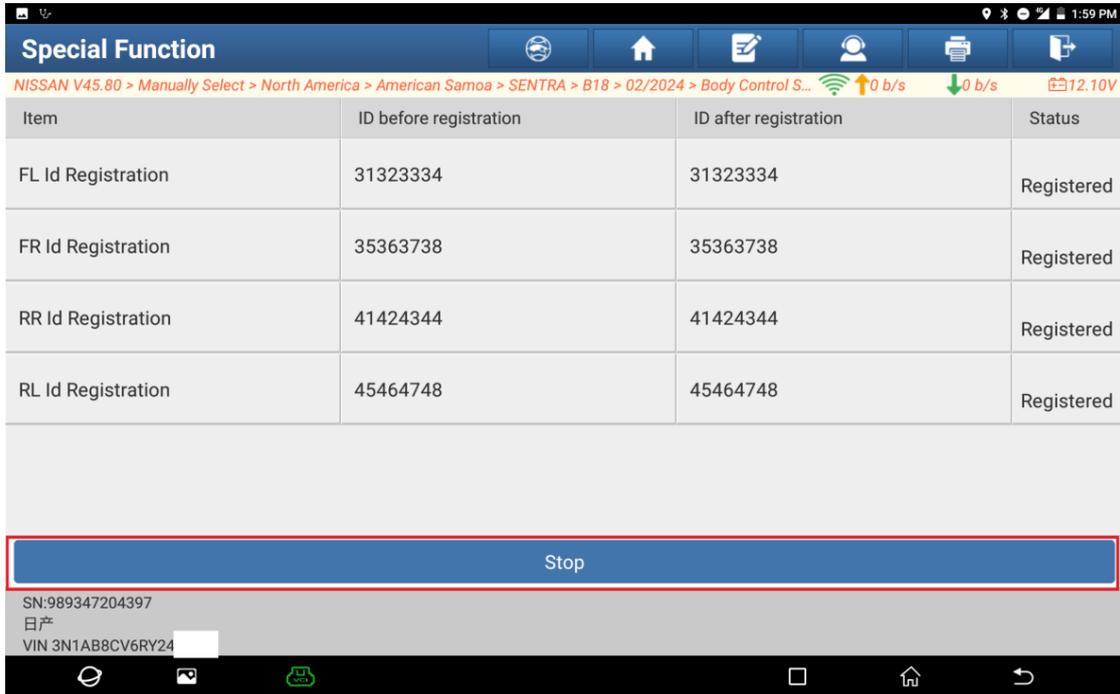


Figure 13

- Click [Stop] to return to the special function menu interface, and return to the previous menu to choose [Clear Fault Code] (as shown in Figure 14).

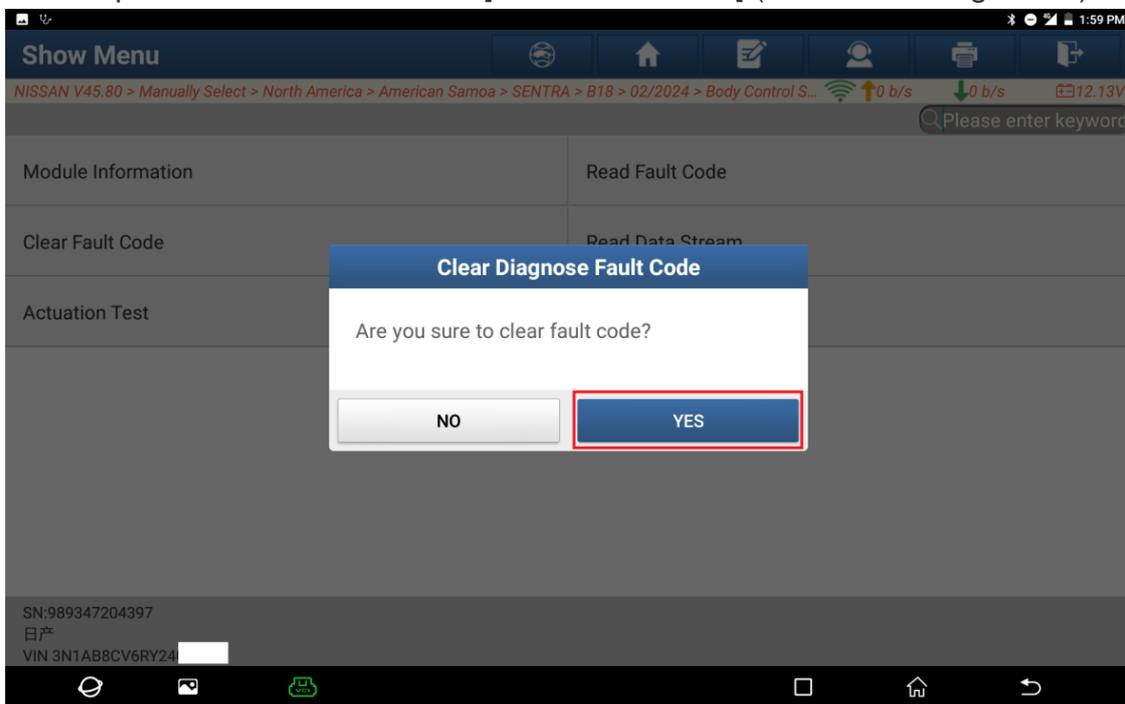


Figure 14

14. Read the DTC, and it shows that there is no DTC. Drive the car for a road test, and check whether the tire pressure display on the central control screen is normal (as shown in Figure 15).

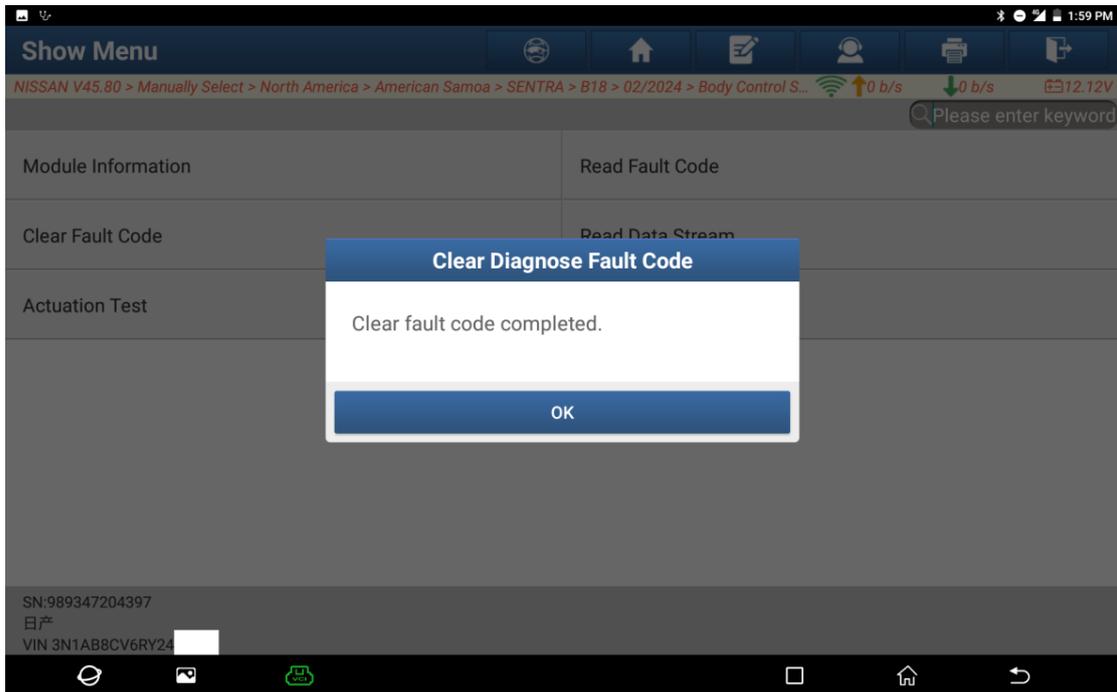


Figure 15

## Statement:

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