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).

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Show Menu	f	 ₹	2		ŀ
NISSAN V45.80 > Menu					⊞ 12.11V
				Q Please e	enter keyword
Automatically Search	Manually Se	elect			
Full system diagnosis	NISSAN GT	-R			
Programming/code setting	Common S	pecial Function	n		
Maintenance					

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VIN 3N1AB8CV6F	Y24					
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		Figure	e 1			

 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).

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System and Fund	tion			le l		2		₽
NISSAN V45.80 > Manually Se	elect > North Am	erica > An	nerican Samoa >	> SENTRA > B18 > 02/20)24 >	🛜 🕇 111 b/s ,	154 b/s	🗄 12.13V
System Topology	*Support slid	other	d down Norma	al =Abnormal =Scanne	ed Not Scanned Not Sca	ot Equipped	WD2	
System List		-0-	<u> </u>	ODS Audi	НЕМ	EOP	_	
ID:76,00,00,69,not found		ADAS		SONA SRRL	SRRR AVM			
Online programming/ configuration		Body	, ic	нуас				
NATS (Nissan Anti-theft System)	OBD	Power	- ECM	BCM AV				
CAN network diagnosis		-0-	Q-	тсм				
	К	Safe	ABS	EPS				
SN:989347204397 日产 VIN 3N1AB8CV6RY2 <u>4</u>				Smart Detection	High-speed Scan	System Scan	Select De	etection
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Figure 2

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

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System and Func	tion	A	⊒ ∕	<u> </u>	₽			
NISSAN V45.80 > Manually Se	lect > North America > American Samoa > SENTRA	\ > B18 > 02/2024		🖹 🕇 0 b/s 💦 🕹 0 b/s	€=12.12V			
System Topology	Body Control System(BCM)			1个	Enter			
System List	C1741-21 Tire Pressure Sensor No Data FL							
ID:76,00,00,69,not	Anti-lock Brake System(ABS)	Anti-lock Brake System(ABS)						
Online programming/	Heating, Ventilation & Air Conditionin	Normal	Enter					
NATS (Nissan Anti-theft	Audio and Video(AV)	Audio and Video(AV)						
CAN network diagnosis	Chassis Control(CC)			Normal	Enter			
	ECM (Engine Control Module)							
SN:989347204397 日产 VIN 3N1AB8CV6RY24		Report	Compare Results	Diagnostic Plan	Clear DTCs			
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Figure 3

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

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Diagnostic Trouble	Code		n	z Q	ē	₽
NISSAN V45.80 > Manually Select	> North America > American Samo	oa > SENTRA > B18 >	> 02/2024 > Body	Control System(BCN	/)>Read Fault Code	€=12.12V
C1741-21 CRNT	Tire Pressure Sensor No I FL	Data				
Freeze Frame	Help Code Sea	arch				
SN:989347204397 日产 VIN 3N1AB8CV6RY24						Report
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Figure 4

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

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Show Menu	(3)	f	Z	<u>Q</u>		₽	
NISSAN V45.80 > Manually Select > North America > American Samoa	a > SENTRA >	B18 > 02/2024	> Body Control S	System(BCM)		€=12.11V	
						enter keyword	
Module Information		Read Fault Code					
Clear Fault Code		Read Data Stream					
Actuation Test	[WORK SUPP	ORT				

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

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Show Menu		A	₹Ź	<u>Q</u>		ŀ
NISSAN V45.80 > Manually Select > North America > American Samo	a > SENTRA > E	318 > 02/2024	> Body Control S	System(BCM)>V	VORK SUPPORT	Ē=12.12V
					QPlease ent	ter keyword
ID Regist						
3-Time Flasher Setting						
Wiper Leakage						

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Figure 6

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

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Special Function			i P
NISSAN V45.80 > Manually Select > North Amer	ica > American Samoa > SENTRA > B18 > 02/202	24 > Body Control S 🛜 🕇 224 b/s	↓ 184 b/s 🖽 12.12V
Item	ID before registration	ID after registration	Status
FL Id Registration	31323334		
FR Id Registration	35363738		
RR Id Registration	41424344		
RL Id Registration	45464748		

	Start		
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	Figure 7		

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Special Function			A	Ľ	2		ŀ	
NISSAN V45.80 > Manually Select > North An	nerica > American Samo	a > SENTRA > E	318 > 02/202	4 > Body Control	System(BCM)>I	NORK SUPPORT	🟥 12.13V	
Item	ID before registra	ation		ID after regis	tration		Status	
FL Id Registration	31323334							
FR Id Registration	35363738							
RR Id Registration		Information						
RL Id Registration	Register ID Of I Touch 'Start' Th Registry Device	Register ID Of Each Tire. Touch 'Start' Then Register By Using ID Registry Device.						
	CANCEL		(ок]			
SN:989347204397 日产 VIN 3N1AB8CV6RY24								
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Figure 8

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

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Special Function	le l	Z	
NISSAN V45.80 > Manually Select > North Ame	rica > American Samoa > SENTRA > B18 > 02/202	24 > Body Control S 🛜 🕇 310 b/:	s ↓195 b/s 🖽12.12V
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
01,0000,4700,4007			
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VIN 3N1AB8CV6RY24			
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 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).

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Special Function		٢	f	₹	<u>Q</u>	Ē	ŀ
NISSAN V45.80 > Manually Select > North Amer	ica > American Samoa	> SENTRA > B1	8 > 02/202	4 > Body Control S	. 🤶 🕇 390 b/s	↓ 309 b/s	s
Item	ID before registra	tion		ID after registra	ation		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							
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Figure 10

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

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Special Function			ŀ
NISSAN V45.80 > Manually Select > North Amer	rica > American Samoa > SENTRA > B18 > 02/202	24 > Body Control S ╤ 🕇2.23 kb/s 👃1.38 kl	o∕s ⊞12.13V
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
SN:989347204397			
비产 VIN 3N1AB8CV6RY24			
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	Figure 11		

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

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rica > American Samoa > SENTRA > B18 > 02/202	24 > Body Control S ╤ 🕇2.22 kb/s 👃1.43 k	b∕s ⊞12.11V
ID before registration	ID after registration	Status
31323334	A1CDEFAA	activtd
35363738	A2CDEFAA	activtd
41424344	A3CDEFAA	activtd
45464748		Inactive
		↑
	Image: Control and a control of the second of the seco	Image: Control and a control and control and contro and control and a control and a control and a

Figure 12

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).

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Special Function			₽
NISSAN V45.80 > Manually Select > North Amer	rica > American Samoa > SENTRA > B18 > 02/202	24 > Body Control S 🛜 🕇 0 b/s 🛛 👃 0 b/s	🟥12.10V
Item	ID before registration	ID after registration	Status
FL Id Registration	31323334	31323334	Registered
FR Id Registration	35363738	35363738	Registered
RR Id Registration	41424344	41424344	Registered
RL Id Registration	45464748	45464748	Registered
	Stop		
	Stop		
SN:989347204397 日产 VIN 3N1AB8CV6RY24			
			1

Figure 13

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).

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Show Menu			A	Ľ	2		P
NISSAN V45.80 > Manually Select > North Am	erica > American Samoa	a > SENTRA > E	318 > 02/2024 >	Body Control S	🛜 🕇 0 b/s	; ↓0 b/s	🟥 12.13V
						Q Please e	enter keyword
Module Information		F	Read Fault Co	ode			
Clear Fault Code	Clear	Diagnose	Read Data St	ream			
	Clear	Diagnose	raun coue				
Actuation Test	Test Are you sure to clear fault of						
	NO		YES	3			
SN:989347204397 日产 VIN 3N1AB8CV6RV24							
<i>Q</i> •				C]	<u>ل</u>	€

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).

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Show Menu			A	Ľ	2		P
NISSAN V45.80 > Manually Select > North Amer	ica > American Samoa	a > SENTRA > E	B18 > 02/2024 >	> Body Control S	S 🛜 🕇 0 b/s	s ↓0 b/s	🖽 12.12V
						QPlease e	
Module Information		F	Read Fault Co	ode			
Olaar Fault Oada			Deed Dete Of				
	Clear	Diagnose	Fault Code				
	Cicui	Diagnood	Tuunt oouc				
Actuation Test	Clear fault code	e complete	h				
		e complete	.u.				
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Figure 15

Statement:

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