# Nissan X-Trail rear brake lining replacement

Function description: 2021 year Nissan X-Trail, fitted with electrical hand brake. Rear brake lining replacement requires to perform "Start brake lining replacement" and "Complete brake lining replacement" functions.

Supported products: Launch PRO series, PAD series integrated diagnostic device.

Tested model: 2021 year model Nissan X-Trail with VIN

LGBM2ME48MS\*\*\*\*\*\* (See below figure);



## **Operation Guideline:**

 Auto search, this vehicle is "T33" Nissan X-Trail fitted with security gateway. When performing some function, ignition switch should be turned off and on again, and throttle peal should be depressed twice during 10 seconds (See below figure);

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People's Republic of China						~
Vehicle						
X-TRAIL	System info					~
* Type (applicable type in vehicle namep	type in vehicle namep seconds and then perform this function Note: This vehicle has safety gateway, so some functions may not be performed					~
* Date (manufacturing year and month ir	ок					
05/2021 -						~
Exit	indeterminate					
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Figure 1

#### 2. Enter Anti-lock Brake System(ABS)(See below figure);

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System and Funct	tion	f f	<b>₹</b> ∕	$\bigcirc$		ŀ
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System Topology	OBD					
	ECM (Engine Control Modu	le)		Not Sc	anned	Enter
System List	Anti-lock Brake System(AB	Not Sc	anned	Enter		
Online programming/ configuration	Instrument cluster	Instrument cluster				Enter
NATS (Nissan Anti-theft System)	Body Control System(BCM					Enter
CAN network diagnosis	Body control system(bow)	/		Not Sc	anneu	Linter
	Supplemental Restraint Sys	stem(SRS)		Not Sc	anned	Enter
Heating, Ventilation & Air Conditioning system(HVAC)				Not Sc	anned	Enter
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Figure 2

## 3. Select 【Work Support】 (See below figure);

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	Q Please enter keyword
Module Information	Read Fault Code
Clear Fault Code	Read Data Stream
Actuation Test	WORK SUPPORT

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Figure 3

### 4. Select 【Start Brake Lining Replacement】 (See below figure);

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	Q Please enter keyword						
Steering Angle Sensor Adjustment	Deceleration G Sensor Calibration						
Initialization Position Adjustment	Lateral G Sensor Calibration						
Start Brake Lining Replacement	Complete Brake Lining Replacement						

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5. Release rear brake lining, click "OK" (See below figure);

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					QPlease e	nter keyword		
Steering Angle Sensor Adjustment	1	Deceleration G Sensor Calibration						
Initialization Position Adjustment		Lateral G Ser	sor Calibrati	ion				
	System	info						
Start Brake Lining Replacement	Release the brake caliper			placement				
	ок							
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Figure 5

6. Keep ignition switch at ON position until rear brake lining replacement is done, and then click "OK". (See below figure);

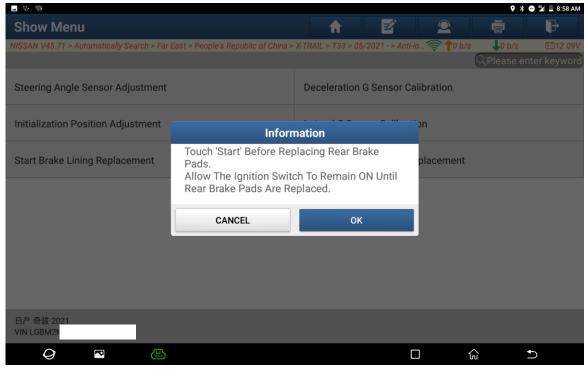


Figure 6

#### 7. Click "Start" (See below figure);

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Special Function	<b></b> <i>∎</i>	$\bigcirc$		₽
NISSAN V45.71 > Automatically Search > Far East > People's Republic of China > X-TRAIL > T33 >	• 05/2021 - > Anti-lo.	╤ 🕇17 b/s	<b>↓</b> 17 b/s	€=12.10V
Item	Value			
Start Brake Lining Replacement				
Start				
日产 奇骏 2021				
VIN LGBM2N				
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8. If ignition switch is not turned off and on again, and throttle peal is not depressed twice within 10 seconds, this function would fail. (See below figure);

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Special Function		<b>A</b>	<b>E</b>	2		P
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Item			Value			
Start Brake Lining Replacement						
	Stoppe	ed				
	Operation Has Been Stopp Reasons. 1. Vehicle Condition Is Out 2. No Response From Veh Refer To Service Manual, O Condition And Vehicle Cor To Try Again.	t Of Test C icle Ecu. Confirm Te	ondition. st			
	ок					
	Start					
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Figure 8

9. Turn ignition switch off and on again, and depress throttle peal twice within 10 seconds. Retry this function, executing the function. Rear brake pump motor working sound can be heard at this time (See below figure);

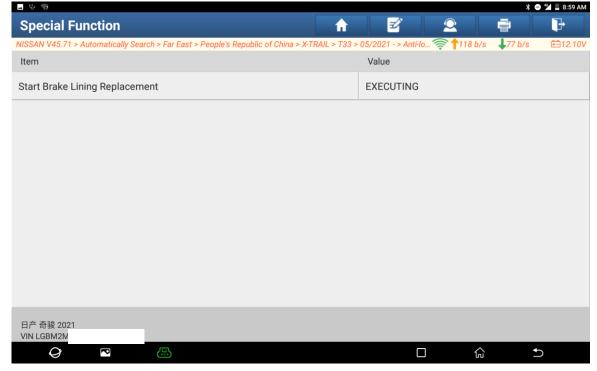


Figure 9

10. Start brake lining replacement result value turned to "Completed", install rear brake lining (See below figure);

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Special Function	<b>f</b>	<b>Z</b> ∕	$\bigcirc$		₽
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Item		Value			
Start Brake Lining Replacement		Completed			
Sta	art				
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VIN LGBM:					
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Figure 10

11. When new rear brake lining is installed, select [Complete brake lining replacement] (See below figure);

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NISSAN V45.71 > Automatically Search > Far East > People's Republic of China >	X-TRAIL > T33 > 05/2021 - > Anti-lock Brake System(ABS)>WORK S						
	QPlease enter keyword						
Steering Angle Sensor Adjustment	Deceleration G Sensor Calibration						
Initialization Position Adjustment	Lateral G Sensor Calibration						
Start Brake Lining Replacement	Complete Brake Lining Replacement						

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### 12. Click "OK" to continue (See below figure);

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					Q Please e		
Steering Angle Sensor Adjustment		Deceleration G Sensor Calibration					
Initialization Dopition Adjustment		Latoral C. Sar	agor Colibra	tion			
initialization Position Adjustment	alization Position Adjustment						
Start Brake Lining Replacement	After Replacing Rear Bra		ch 'Start.'	placement			
	CANCEL	Ok	ς				
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日产 奇骏 2021 VIN LGBM2N							
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Figure 12

## 13. Click "Start" (See below figure);

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Special Function	<b>I I I I I I I I I I</b>	2		ŀ
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Item	Value			
Complete Brake Lining Replacement				
Start				
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VIN LGBM2		~		
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14. Executing complete brake lining replacement function. Rear brake pump motor working sound can be heard (See below figure);

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Item	Value		
Complete Brake Lining Replacement	EXECUTING		
日产 奇骏 2021 VIN LGBM2N			

Figure 14

15. Complete brake lining replacement result value turned to "Completed". Rear brake lining replacement is completed (See below figure);

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Complete Brake Lining Replacement		Completed			
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Figure 15

# **Declaration:**

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