Instructions for Brake Pad Service

[Tested Model]

Range Rover 2023, VIN: SALKABFU3PA04****

[Function Execution Background]

This function needs to be executed before and after replacing the brake pads to reset the brake pads.

[Procedure]

1. Turn on the vehicle ignition switch, connect Launch X431 PAD 5 connector, and select the Land Rover model software (V34.85 or later). After entering, choose [Automatically Search].

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Menu	^		
LAND ROVER V34.93 > Menu		🖽 12.27V	
Automatically Search	Manually Select		
Manually Reset Service	Online Function		
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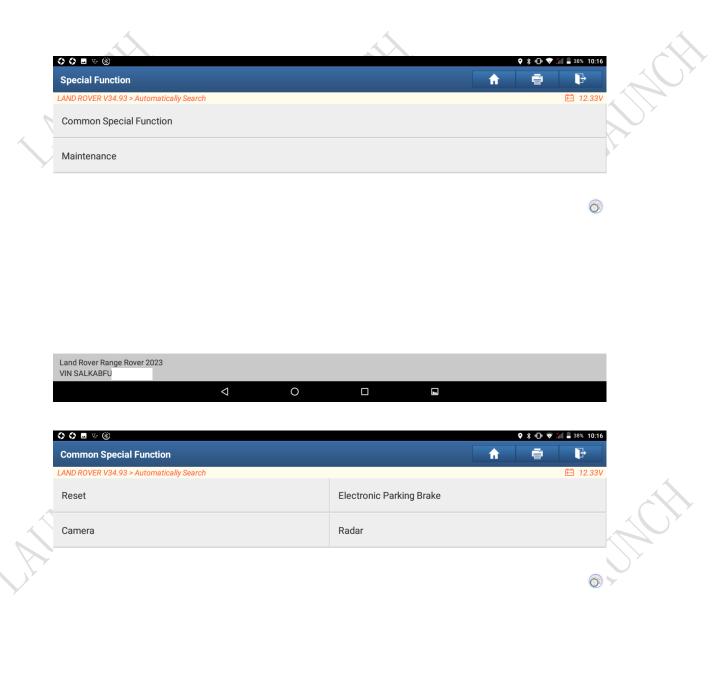
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 In the [Operator Information] dialog box, choose [YES] to use online mode for the diagnosis. Then choose [Special Function] > [Common Special Function] > [Electronic Parking Brake].

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Automatically Search		Manually Select			
Manually Reset Service		Online Function			
	Operator I	nformation			
	This model supports online dia Select YES to use online mode Select NO to use traditional mo	for the diagnosis		0	
	NO	YES			
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Diagnostic Methods			^ ē	ŀ	
LAND ROVER V34.93 > Automatically Search				🖽 12.33V	
System Selection					\bigcirc
Special Function					

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3. First, choose [Parking Brake Pad Replacement - Release To Service Position].

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Electronic Parking Brake	A - B
LAND ROVER V34.93 > Automatically Search	🖽 12.20V
Parking Brake Pad Replacement - Release To Service Position	Parking Brake Pad Replacement - Exit Maintenance Mode
Test the tandem master cylinder	Test and air consumption and oil leakage
Clear EPB Build / End Of Line Mode	ABS Assembly Mode
Release the electronic parking brake	Calibrate Electric Park Brake [EPB]
Valve Comfort Pulse (VCP) Calibration	Apply the Electronic parking brake(EPB)

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4. Complete the related operations according to the following text prompts.

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Electronic Parking Brake			A	ē F
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Parking Brake Pad Replacement - Re	lease To Service Positior	n Parking Brake Pad Re	eplacement - Exit Maint	enance Mode
Test the tandem master cylinder	Test and air consumption and oil leakage			
Clear EPB Build / End Of Line Mode	Operate	or Information		
	d Before The Parking Brake Pad	6		
Release the electronic parking brake	Are Replaced.		ke [EPB]	
Valve Comfort Pulse (VCP) Calibrati		ок	g brake(EPB)	
			_	
Land Rover Range Rover 2023 VIN SALKABFU				
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5. The vehicle needs to remain stationary without rolling forward or backward, and the battery voltage should be greater than 12V. Otherwise, it may be necessary to charge the vehicle first, and then turn on the ignition switch according to the prompts.

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Electronic Parking Brake			A	ē F
LAND ROVER V34.93 > Automatically Search			_	🖽 12.28V
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Repla	cement - Exit Mainte	enance Mode
Test the tandem master cylinder		Test and air consumptior	n and oil leakage	
		nformation		
Clear EPB Build / End Of Line Mode	This Application Will Release T To Assembly Mode And Then F			•
Release the electronic parking brake	Service Position. The Brake Pedal Must Not Pre The Electric Park Brake (EPB) Operating State Before Comple	Must Be Applied And In Normal	ke [EPB]	
Valve Comfort Pulse (VCP) Calibrati	c	Ж	g brake(EPB)	
Land Rover Range Rover 2023				
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Electronic Parking Brake			f	ē F
AND ROVER V34.93 > Automatically Search				🖽 12.28V
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Replac	cement - Exit Mainte	enance Mode
Test the tandem master cylinder		Test and air consumption	n and oil leakage	
Clear EDP Build / End Of Line Marda	Operator I	nformation		
Clear EPB Build / End Of Line Mode	The Vehicle Must Be Stationar			6
Release the electronic parking brake	Make Sure That The Vehicle W Forward.	/ill Not Roll Backward Or	ke [EPB]	Ŭ
Release the electronic parking blake				
Valve Comfort Pulse (VCP) Calibrati	с	ж	g brake(EPB)	
Land Rover Range Rover 2023 VIN SALKABFU:				

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	Electronic Parking Brake			A		
	LAND ROVER V34.93 > Automatically Search				🖽 12.28V	
1	Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Re	placement - Exit Maint	enance Mode	
	Test the tandem master cylinder		Test and air consump	tion and oil leakage		*
	Clear EPB Build / End Of Line Mode	Operator II	nformation			
	Release the electronic parking brake	Battery Voltage > 12 Volts.		ke [EPB]	6	
	Valve Comfort Pulse (VCP) Calibrati	NO	YES	ıg brake(EPB)		
	Land Rover Range Rover 2023 VIN SALKABFU:					
	C C E 👳 🛞 Electronic Parking Brake			A	 ★ • • • ★ ↓ ■ 38% 10:19 ★ • • • • ★ ↓ ■ 38% 	
	LAND ROVER V34.93 > Automatically Search				🖽 12.28V	
	Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Re	placement - Exit Maint	enance Mode	~
~	Test the tandem master cylinder		Test and air consump	tion and oil leakage		
	Clear EPB Build / End Of Line Mode	Ignition	n State			
	Release the electronic parking brake	Switch Ignition ON		ke [EPB]	0	
	Valve Comfort Pulse (VCP) Calibrati	0	к	ıg brake(EPB)		
	Land Rover Range Rover 2023 VIN SALKABFU:	۵ O				

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	LAND ROVER V34.93 > Automatically Search				₩ 12.21V
	Parking Brake Pad Replacement - Release To Service Position		Parking Brake Pad Repla	acement - Exit Maintenance	Mode
	Test the tandem master cylinder		Test and air consumption and oil leakage		
	Clear EPB Build / End Of Line Mode	Nc	otes		
	Release the electronic parking brake	O Routine In Progress 24 s		ke [EPB]	0
	Valve Comfort Pulse (VCP) Calibrati	END SE	ESSION	g brake(EPB)	
	Land Rover Range Rover 2023 VIN SALKABFU				
	S S 🗖 4 🛞				7 šil 🖣 37% 10:20
	Electronic Parking Brake			A B	G
	LAND ROVER V34.93 > Automatically Search				🖽 12.32V
	Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Repla	acement - Exit Maintenance	Mode
~	Test the tandem master cylinder		Test and air consumptio	n and oil leakage	
	Clear EPB Build / End Of Line Mode	Operator I	nformation		
		The Application Has Complete	d - The Park Brake Is Now In		
	Release the electronic parking brake	Service Mode.		ke [EPB]	
	Valve Comfort Pulse (VCP) Calibrati	0	к	g brake(EPB)	
	Land Rover Range Rover 2023 VIN SALKABFU				
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6. At this time, the brake pads have been released to the service position, and you can prepare to replace the brake pads.

After replacing the brake pads, choose [Parking Brake Pad Replacement

- Exit Maintenance Mode] (function to be executed after replacing the

brake pads) to complete the brake pad reset.

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Electronic Parking Brake			A	ē þ
LAND ROVER V34.93 > Automatically Search				💼 12.24V
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Rep	lacement - Exit Mair	ntenance Mode
Test the tandem master cylinder		Test and air consumpti	on and oil leakage	
Clear EPB Build / End Of Line Mode	Operator I	nformation		
Release the electronic parking brake	This application must be used and it will restore the normal fu system		ke [EPB]	0
Valve Comfort Pulse (VCP) Calibrati	0	к	g brake(EPB)	
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VIN SALKABFU				
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Electronic Parking Brake			A	9 0
LAND ROVER V34.93 > Automatically Search				🖽 12.24V
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Rep	lacement - Exit Mair	ntenance Mode
Test the tandem master cylinder	Operator II	Test and air consumpti nformation	on and oil leakage	
Clear EPB Build / End Of Line Mode	1 .Rear brake pad replacement 2 .This must be performed afte Rear brake pad replacement-re	r the following application:		0
Release the electronic parking brake	position 3 .Note: Running this application mode and allows the operation through electronic parking brak	of parking brake system	ke [EPB]	
Valve Comfort Pulse (VCP) Calibrati	CANCEL	ОК	g brake(EPB)	
Land Rover Range Rover 2023 VIN SALKABFU				
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7. The vehicle needs to remain stationary without rolling forward or backward.

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	Electronic Parking Brake					A		P	
1	LAND ROVER V34.93 > Automatically Search							🖽 12.24V	
	Parking Brake Pad Replacement - Re	Parking Brake Pad Replacement - Exit Maintenance Mode							
	Test the tandem master cylinder			Test and air consumption and oil leakage					
	Clear EPB Build / End Of Line Mode		Operator Ir	nformation					
	Clear EPD Dullu / End Of Elite Mode	ust Be Stationary	t Be Stationary. The Vehicle Will Not Roll Backward Or						
	Release the electronic parking brake	Make Sure Tha Forward.	t The Vehicle w	ill Not Roll Backward Ur		EPB]			
	Valve Comfort Pulse (VCP) Calibrati	0		Ж		g brake(EPB)			
	Land Rover Range Rover 2023								
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8. The battery voltage should be greater than 12V. Otherwise, it may be necessary to charge the vehicle first, and then turn on the ignition switch according to the prompts.

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Electronic Parking Brake				A		P
LAND ROVER V34.93 > Automatically Search						🖽 12.24V
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad R	eplacement	t - Exit Mair	ntenance M	Mode
Test the tandem master cylinder		Test and air consum	ption and o	il leakage		
Clear EPB Build / End Of Line Mode	Operator	Information				
Release the electronic parking brake	Battery Voltage > 12 Volts.		ke [EF	PB]		
Valve Comfort Pulse (VCP) Calibrati	NO	YES	ig bral	ke(EPB)		
Land Rover Range Rover 2023 VIN SALKABFL						

Control Contro				
LAND ROVER V34.93 > Automatically Search Parking Brake Pad Replacement - Release To Service Po		Parking Brake Pad R	₩ 12.24V Mode	
Test the tandem master cylinder		Test and air consum	ption and oil leakage	
Clear EPB Build / End Of Line Mode	Ignitio	n State		0
Release the electronic parking brake	Switch Ignition ON		ke [EPB]	
Valve Comfort Pulse (VCP) Calibrati	C	ж	ig brake(EPB)	
Land Rover Range Rover 2023 VIN SALKABFU				
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	Electronic Parking Brake					A ā P	4
	LAND ROVER V34.93 > Automatically Search					🖽 12.32V	
	Parking Brake Pad Replacement - Re	To Service Position	Parking Brake Pad Replacement - Exit Maintenance Mode				
	Test the tandem master cylinder	est the tandem master cylinder			consumption	and oil leakage	
	Clear EPB Build / End Of Line Mode		No	tes			Y
7	Release the electronic parking brake	С	Exit maintenance mode Routine in process 23 s			(EPB)	
	Valve Comfort Pulse (VCP) Calibrati		END SE	SSION		g brake(EPB)	
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	Electronic Parking Brake			A ā	12.12V
	Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad R	eplacement - Exit Maintenance	Mode
	Test the tandem master cylinder		Test and air consum	ption and oil leakage	
	Clear EPB Build / End Of Line Mode	Να	otes		
	Release the electronic parking brake	Collecting result 05 s		ke [EPB]	0
	Valve Comfort Pulse (VCP) Calibrati	END SE	ESSION	g brake(EPB)	
	Land Rover Range Rover 2023 VIN SALKABFU				
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	S S ■ V (8)				× ≝ill ■ 37% 10:21
	Electronic Parking Brake			A ē	E 12.38V
		Jacob To Convice Desition	Darking Broke Dad D	anlagement. Evit Meintenenes	
	Parking Brake Pad Replacement - Re	lease to service Position		eplacement - Exit Maintenance	Mode
<	Test the tandem master cylinder		Test and air consum	ption and oil leakage	
	Clear EPB Build / End Of Line Mode	Να	otes		
	Release the electronic parking brake	EPB application in proce	SS	ke [EPB]	
	Valve Comfort Pulse (VCP) Calibrati	END SE	ESSION	g brake(EPB)	
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9. The brake pad reset is completed.

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O O ■ ♥ ⑧ Electronic Parking Brake			* ⊕ ♥ M = 35% 10:35			
LAND ROVER V34.93 > Automatically Search			🖽 12.13V			
Parking Brake Pad Replacement - Re	lease To Service Position	Parking Brake Pad Replacement - Exit Maintenance Mode				
Test the tandem master cylinder		Test and air consumption and oil leakage				
Clear EPB Build / End Of Line Mode	Operator I	or Information				
	The Application Has Complete	ed - The Electric Park Bral	te Is			
Release the electronic parking brake	Now In Operational Mode.	ke [EPB]				
Valve Comfort Pulse (VCP) Calibrati	(ж	g brake(EPB)			
Land Rover Range Rover 2023 VIN SALKABFU						

[Statement]

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