

Tested Model

For 2024 X1, after replacing the EPS (Electric Power Steering) with a new one, it is necessary to program and code it.



Procedure

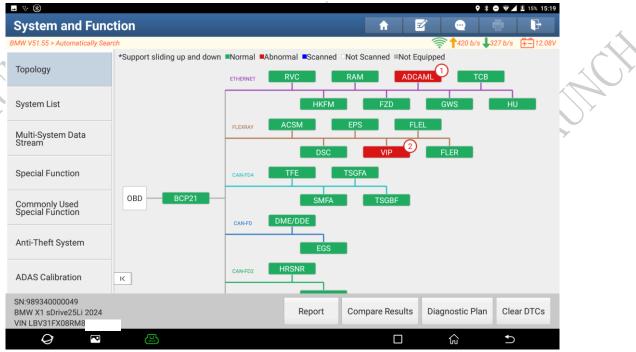
- 1. Turn on the vehicle ignition switch, connect the diagnostic connector, and choose BMW V51.50 or later version.
- 2. Choose [Automatically Search] and read vehicle information.

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Show Menu	A 🗹 🔍 🖶
BMW V51.55 > Menu	🫜 🕇 17 b/s 🕹 17 b/s 🚺 12.13V
	Q Please enter keyword
Automatically Search	Manually Select
Coding/Program	Special Function
ADAS Calibration	Anti-Theft System

SN:989340000049 BMW						
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	Information	
	BMW V51.55 > Automatically Search	🛜 🕇 17 b/s 🕹 0 b/s ∓ 12.10V
	Vehicle Information	Configuration
	Vehicle Identification Number:	LBV31FX08RM
	Development Code:	U12
	Series:	X'
	Sales Designation:	X1 sDrive25Li
	Gearbox:	x
	Steering:	left-hand drive
	Construction Date:	2023.11
	Country	
	NE	XT
	SN:989340000049 BMW X1 sDrive25Li 2024 VIN LBV31FX08F	
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3. Choose [NEXT].



	4. Choose [Coding/Program].		
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5	BMW V51.55 > Automatically Search > Coding/Program	↑0 b/s ↓0 b/s ↓ 12.08v QPlease enter keyword	
	Coding	Backup/Recover (Coding Data)	
7	Personalization	Retrofit	
	Program	Coding (TCP)	
	Programming Backup/Restoration		



5. Choose [Program].

Ę	5. Choose [Program].				
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	Show Menu	f	Ź		
A	BMW V51.55 > Automatically Search > Coding/Program > Program			12.06V	
Ν				QPlease enter keyword	
Ŋ	Automatic Programming				
	Manual Programming				
	Programming Customized Command				

SN:989340000049 BMW X1 sDrive25Li 2024 VIN LBV31FX08R				
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6. Ch	oose [Automatic Programming].		
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Vehicle	Order	↑ 🗹 😋 🖷 🕞	
BMW V51.55 >	Automatically Search > Coding/Program > Program	🫜 🕇 60 b/s 🕹 33 b/s 🗮 12.06V	$\mathbf{N}^{\mathbf{y}}$
Vehicle Inf	ormation	Configuration	
Vehicle Ide	entification Number:	LBVKY7109J	
CHASSIS:		G038	
Factory Da	ta Status:	S15C-17-11-540	
Current Da	ta Status:	S15C-17-11-540	
Target Dat	a Status:	S15C-24-07-530	
Mileage (K	(m [Mls]):	59230(36803)	
TYPE DES	TINATION CODE:	КҮ71	
	EDIONI	1117	
	NEXT	Vehicle Order Change	
SN:9893400 BMW X1 sD VIN LBV31F	rive25Li 2024		
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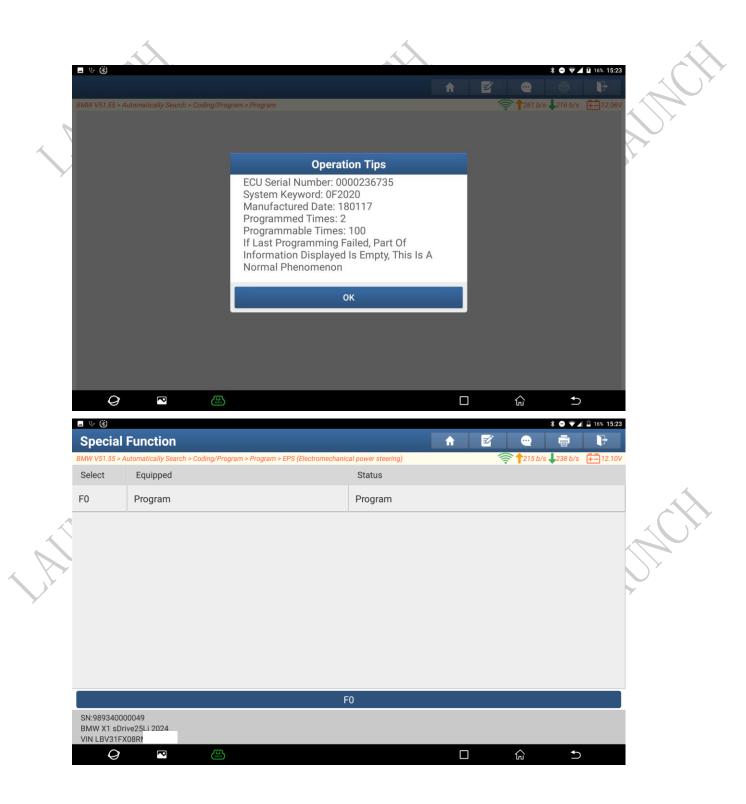
7. Choose [NEXT] to calculate the programming plan.

Verify Informatio	n	↑		
MW V51.55 > Automatically Sea	rch > Coding/Program > Program		🛜 🕇 30 b/s 🕹 16 b/s 🛛 ∓ 12.06V	
System Name	Current Value	Vehicle Calculation	Function Name	
VTG (Transfer box)	HWEL_00002064_040_008_003 CAFD_00002066_000_028_014 BTLD_000030CC_021_032_000 SWFL_000033EE_000_036_002 SWFL_000033EF_001_036_003	HWEL_00002064_040_008_003 CAFD_00002066_000_042_010 BTLD_000030CC_021_032_000 SWFL_000033EE_000_044_000 SWFL_000033EF_001_044_001	Program SW, Coding CD,	
EPS (Electro- nechanical power teering)	HWEL_0000206A_002_131_001 HWAP_0000247E_255_255_255 CAFD_0000206D_007_041_003 BTLD_00007653_023_048_001 SWFL_000034DD_013_042_002 SWFL_000034DE_013_042_002 SWFK_00003573_021_047_000	HWEL_0000206A_002_131_001 HWAP_0000247E_255_255_255 CAFD_0000206D_007_041_004 BTLD_00007653_023_048_001 SWFL_000071F9_023_048_001 SWFL_000071FA_023_048_001 SWFK_0000B1A5_023_049_000	Program SW, Coding CD,	
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//W V51.55 > Automatically Search > Coding/Program > I	Program				Ĥ	Z	···· · · · · · · · · · · · · · · · · ·	6V
Program System List	-	Functions	And Program	mming Tips		7		
System Name	Replace H	² rogram B	Program S	Coding CD	Program G	Navigati	Current Status	
ACSM (Crash safety module)		0	0	0				
TRSVC (allround-view camera)		0	0	0				1
ZGM (Central Gateway Module)		0	0		0			1
DME/DDE (Digital Engine Electronics)			0	0				
smission management) EG			0	0				
VTG (Transfer box)			0	0				
DSC (Dynamic stability control)			0	0				
USS (Parking manoeuvring assistant)			0	0				
EDS (Electromechanical power steering)			0	0				

8. Choose the EPS system and click [Program].

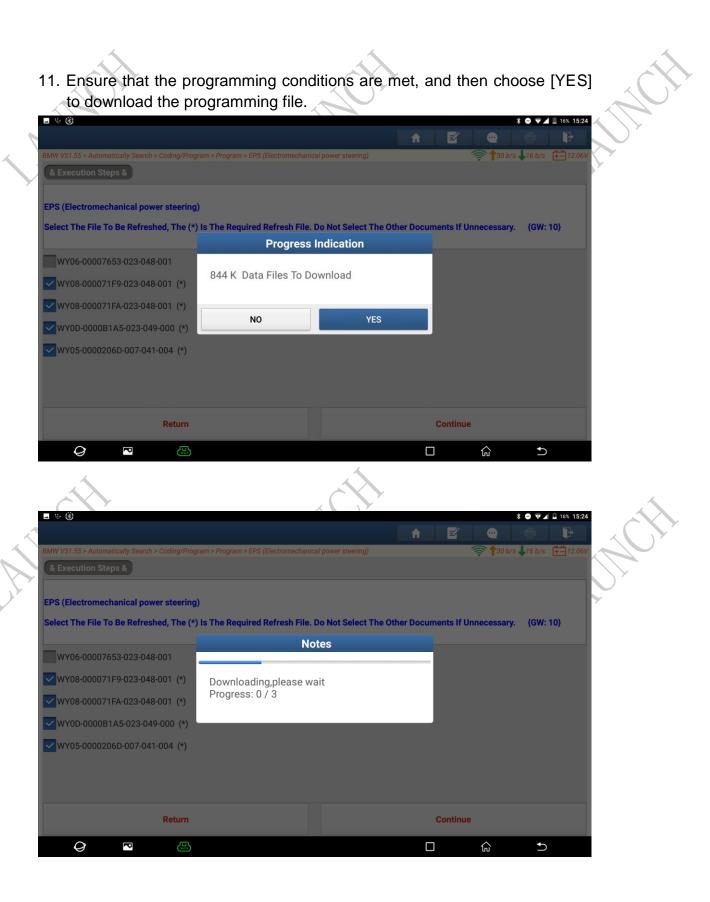
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MW V51.55 > Automatically Search > Coding/Program > P	Program						†60) b/s ᆛ33 b/s 🛛 ∓ 12.06	
Program System List	Common	Functions	And Progra	mming Tips					ĆX
DME/DDE (Digital Engine Electronics)			0	0				Program	
onic transmission management)			0	0				Coding	
VTG (Transfer box)			0	0					7
DSC (Dynamic stability control)			0	0					
USS (Parking manoeuvring assistant)			0	0					
EPS (Electromechanical power steering)			0	0					
BDC (Body Domain Controller)		0	0	0					
FLEL (Frontal Light Electronics Left)			0	0					
FLER (Frontal Light Electronics Right)			0	0					
FZD (Roof function centre)		0	0	0					
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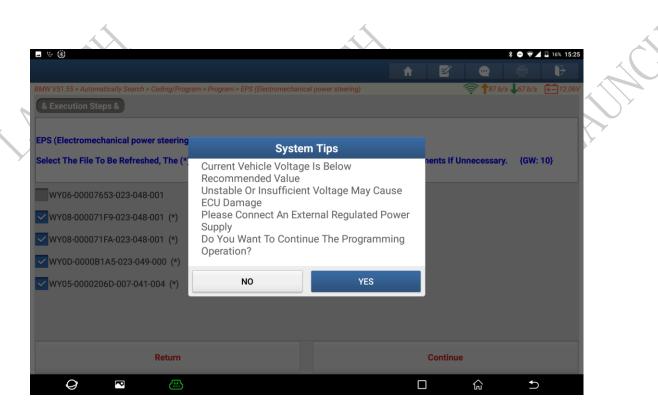


9	9. Click [F0]. ■ ♥ ֎	* • • • 100 1523	
	BMW V51.55 > Automatically Search > Coding/Program > Program > EPS (Electromechai		
	& Execution Steps &		
/	EPS (Electromechanical power steering) Select The File To Be Refreshed, The (*) Is The Required Refresh File	ie. Do Not Select The Other Documents If Unnecessary. {GW: 10}	
	WY06-00007653-023-048-001		
	✓ WY08-000071F9-023-048-001 (*)		
	✓WY08-000071FA-023-048-001 (*)		
	✓WY0D-0000B1A5-023-049-000 (*)		
	✓WY05-0000206D-007-041-004 (*)		
	Return	Continue	
	<i>Q</i> •		

10. Upgrade all, check all, and click [Continue].

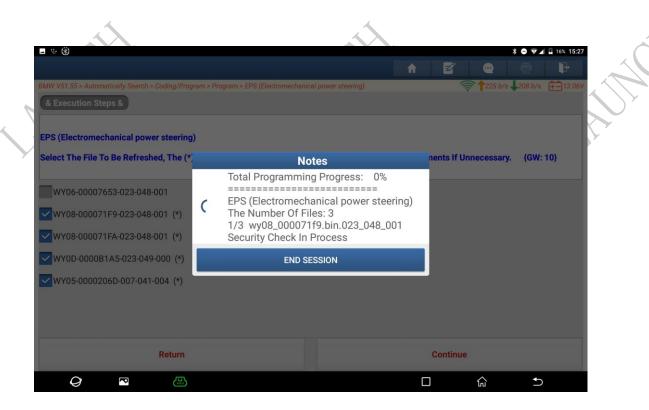
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BMW V51.55 > Automatically Search > Coding/Progr	am > Program > EPS (Electromechanic	cal power steering)		🤶 🕇 60 b/	's 🕹 33 b/s	+- 12.06V	
& Execution Steps &							
EPS (Electromechanical power steering	Warmth	Warning					
Select The File To Be Refreshed, The (*	Please Confirm The Ve 1. The Vehicle Is Conne Power Supply Or The V	ected To An External	nents	s If Unnecessary	/. {GW:	10}	7
WY06-00007653-023-048-001	Can Support The Stead Least One Hour	ly Discharge For At					
WY08-000071F9-023-048-001 (*)	2. The Vehicle Voltage Least 13V	Can Be Stable For At					
WY08-000071FA-023-048-001 (*)	3. Ignition On <engine 4. Switch Off All Electri</engine 						
WY0D-0000B1A5-023-049-000 (*)	Equipments, E. G. Air C						
WY05-0000206D-007-041-004 (*)	NO	YES					
Return			Con	tinue			
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12. Choose [YES] to start programming.

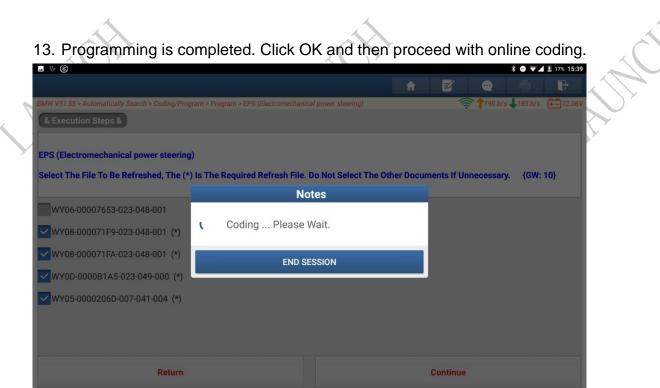
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BMW V51.55 > Automatically Search > Coding/Program > I	rogram > EPS (Electromechanical power steering)		(((-	160 b/s 🕹 33 b/s	5 +- 12.06V	
& Execution Steps &						C X
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EPS (Electromechanical power steering)					K	
Select The File To Be Refreshed, The (*) Is Th	e Required Refresh File. Do Not Select Th	e Other Docu	ments If Unnec	essary. {GW	: 10}	\mathcal{Y}_{λ}
	Notes					
WY06-00007653-023-048-001	Preparing For Vehicle Programm	ing				
WY08-000071F9-023-048-001 (*)	State	iirig				
WY08-000071FA-023-048-001 (*)						
	END SESSION	_				
WY0D-0000B1A5-023-049-000 (*)						
WY05-0000206D-007-041-004 (*)						
Return			Continue			
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BMW V51.55 > Automatically Search > Coding/Prog	ram > Program > EPS (Electromechanical power steering)		🤶 🕇 60 b/s	s 🕹 33 b/s 🛛 🕂 🗖 12.06\	
& Execution Steps &					Ċ
EPS (Electromechanical power steering))				
Select The File To Be Refreshed, The (*)	Is The Required Refresh File. Do Not Select The	Other Documents If	Unnecessary	. {GW: 10}	$\mathbf{N}^{\mathbf{x}}$
	Progress Indication				Y
WY06-00007653-023-048-001					
WY08-000071F9-023-048-001 (*)	Programming Completed				
WY08-000071FA-023-048-001 (*)					
WY0D-0000B1A5-023-049-000 (*)	ок				
WY05-0000206D-007-041-004 (*)					
Return		Continu	le		
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						-	F
BMW V51.55 > Automatically Search > Coding/Program > Pr	ogram > EPS (Electromechanical po	ower steering)			🤶 🕇 46 b/	s 📕 16 b/s	
& Execution Steps &							
EPS (Electromechanical power steering)							
Select The File To Be Refreshed, The (*) Is The	Required Refresh File. Do	Not Select The Othe	r Docun	nents if l	Innecessary	. {GW :	10}
	Notes	s					
WY06-00007653-023-048-001	2/4 Coding Please	e Wait.					
WY08-000071F9-023-048-001 (*)	EPS (Electromechanical power steering)						
✓WY08-000071FA-023-048-001 (*)	511D 0500						
✓ WY0D-0000B1A5-023-049-000 (*)	END SESS	lion					
✓ WY05-0000206D-007-041-004 (*)							
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Return				Continu	e		
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			Information Recoding Has Been Completed	٦			
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At this point, the EPS programming and coding operations for 2024 X1 are completed.

Statement

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