# Honda 2024 CR-V ECM/PCM

# Replacement

#### Tested Model: HONDA CR-V 2024

# **Function Description:**

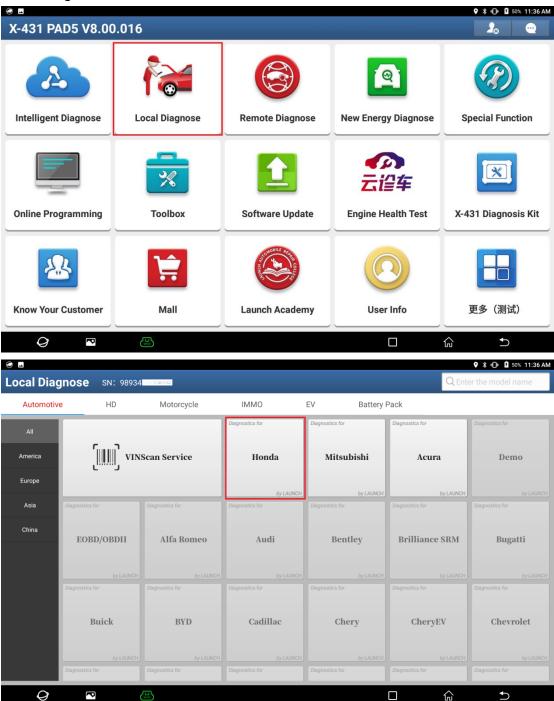
This function is used for Honda models when the key cannot start the engine after the engine ECU is replaced. At this time, the green key light flashes on the instrument panel. After this function is completed, the vehicle can be started normally.

# **Execution Conditions:**

- A new engine ECU is required.
- The vehicle battery voltage must be no less than 12V and the device must be fully charged.
- During the operation, it is required to strictly follow the device prompt information to turn off or turn on the ignition.

# **Procedure:**

1. On a PAD 5, choose [Local Diagnose], and then choose [Honda] for testing.



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Vehicle Version Information		î		ŀ
Software ID	Version #			
HONDA	V49.20			
Honda Diagnosti	c Software V49.20			
Update				
Summary:				
Added ELEVATE, N-VAN BEV, ENS2 and ENP2. Added and optimized Data Stream a	nd Special Functions of some systems. Adde	d ECU Reprogrammin	g Function.	
New Functions:				
<ul> <li>Added the following models: ELEVATE, N-VAN BEV, ENS2 and ENP2.</li> <li>Added special functions: ECU programming, Annuale:HEV battery health check, hig refrigerant shut-off valve test.</li> <li>Added ECU Reprogramming Function.</li> </ul>	h voltage battery ECU diagnosis, A/C refrigera	ant electric expansion	valve test a	nd A/C
Optimized Functions:				
<ul> <li>Optimized special functions, including ECM/PCM replacement, valve body charact</li> <li>Optimized data stream of systems such as Automatic Transmission system(AT) a</li> </ul>				
Fixed Bugs:				
None.				
Maintenance Service Undate:			_	_
		Vehicle Coverage	e (	ок
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2. Click [16PIN DLC], and then choose the region to automatically identify the car model. For this test, choose the [General] region.

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HONDA V49.20 > Diagnostic Connector Select	⊞12.06V
	Q Please enter keyword
16PIN DLC	
3PIN DLC	
SCS	

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HONDA V49.20 > 16PIN DLC	<b>⊞</b> 12.06V
	QPlease enter keyword
Canada	Europe
General	Japan
USA	

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3. Confirm the vehicle information, and then click OK.

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HONDA V49.20 > 16PIN DLC			<b>†</b>	860 b/s	<b>4</b> 396 b/s	€=12.05V
				Qp		er keyword
Canada	Europe					
General	VEH. Info.					
USA	VIN: 5J6RS6H83RL VEH Type: CR-V HYBRID VEH Year: 2024 Engine ID: 0E23081003					
	PRO. No.: 37805-69F-AZ10					
	Please Record Or Print The Information O This Page Which Is Useful For You To Qu After-Market Service Center.					
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System and Fund	tion					<b>î</b>	Ź	•••		F
HONDA V49.20 > 16PIN DLC >	• General					One-P	ush Start			
System Topology		Other	down ■Normal ADS	•		One-r	usii Start			
System List	OBD									
ADAS Calibration		Body								
ECU Reprogramming		ADAS	MVCS							
Service Function		Immobilizer								
			Q	0						
	К	Chassis	TPMS			Eł	NTER			
SN:989347 COLOR CR-V HYBRID 2024 VIN 5J6RS6H83R CLUSIE				Smart Detection	High-sp	eed Scan	System	Scan	Select De	tection
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#### 4. Choose the one-push start system and click [ENTER].

#### 5. Choose [Registration].

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HONDA V49.20 > 16PIN DLC > General > One-Push Start		* <b>↑</b> 144 b/s ↓224 b/s ⊞12.04V
		Please enter keyword
PCU	Backup Control Unit	
Keyless Access Control Unit	Registration	

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VIN 5J6RS6H83R_	11723-743					
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#### 6. Choose [Replace ECM/PCM].

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		Q Please enter keyword
Keys	Replace ECM/PCM	
Replace PCU/Back Up Control/Keyless Acccess Control Unit	Replace MICU	

SN:98934 CR-V HYBRID 20	24					
VIN 5J6RS6H83F	CUU3#44					
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7. First, perform the initialization operation. Communicate with the engine system and then register the key lock cylinder. Please wait.

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Keys		Replace ECM/PC	M			
Replace PCU/Back Up Control/Keyle	ess Acccess Control Unit	Replace MICU				
	No	tes				
	O Communicating, F	Please Wait				
	END SE	SSION				
SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H838						
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#### 8. Turn off the ignition switch as prompted, and then click OK.

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Keys	Replace ECM/PCM	I				
Replace PCU/Back Up Control/Keyless Acccess Control Unit	Replace MICU					
Regis	tration					
(Don't Press The Foot	Turn The Ignition Switch To Off. (Don't Press The Foot Brake And Press The Engine Start/Stop Button.)					
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SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H83R						
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9. Turn on the ignition switch as prompted, and then click OK.

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				QPleas		r keyword
Keys	Replace ECM/PC	М				
Replace PCU/Back Up Control/Keyl	Registration					
	Do Not Insert The Keyless Access Remot Even If The Keyless Access Remote SLOT Available. Turn The Ignition Switch To On. (Don't Press The Foot Brake And Press Th Engine Start/Stop Button Twice.) OK	Γls				
SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H83R						
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10. Bring a smart key into the car to confirm whether the ignition switch can be turned on by normal operation.

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					QP	lease ente	r keyword
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Replace PCU/Back Up Control/Keyles	ss Acccess Control Unit	Replace MICU					
	Regist	tration					
	Please Take A Keyless The Vehicle. Can You Turn The Ignit Normal Operation?		0				
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Replace PCU/Back Up Control/Keyle	ess Acccess Control Unit	Replace MICU					
	System In	formation					
	Turn The Ignition Swite	ch On					
	0	Ж					
SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H83R							
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11. The key lock cylinder registration login is completed. Then register the smart key. Please wait.

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Keys		Replace ECM/PC	М				
Replace PCU/Back Up Control/Keyle	ss Acccess Control Unit	Replace MICU					
i i	No	otes					
	O Communicating, F	Please Wait					
	END SE	ESSION					
SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H838							
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12. Turn off the ignition switch as prompted, and then click OK.

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Keys		Replace ECM/PCM	N				
Replace PCU/Back Up Control/Keyle	ess Acccess Control Unit	Replace MICU					
	Regist	tration					
	Turn The Ignition Switch To Off. (Don't Press The Foot Brake And Press The Engine Start/Stop Button.)						
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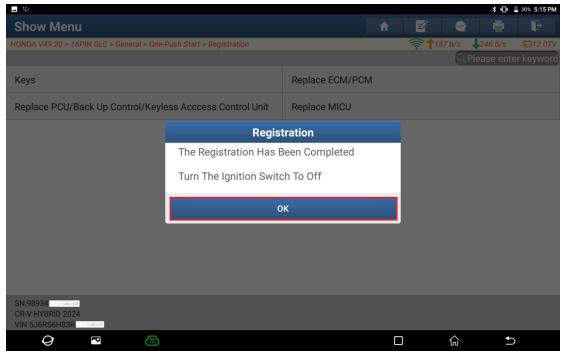
13. Bring an original smart key into the car, take out other keys and place them more than two meters away from the vehicle, and then click OK.

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Keys	Replace ECM/PCI	М			
Replace PCU/Back Up Control/Keyl	Registration				
	Please Take One Original Keyless Access Remote Into The Vehicle. Do Not Insert The Keyless Access Remot Even If The Keyless Access Remote SLOT Available. Remove All Other Keyless Access Remot From The Vehicle. And Place Them At A Distance Of More Than Two Meters Outs The Vehicle.	te F Is es			
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14. Turn on the ignition switch, and then click OK.

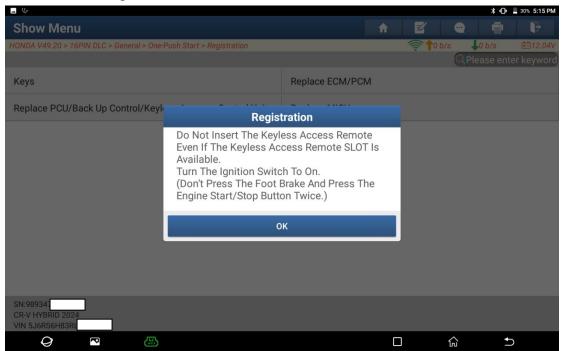
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Keys	Replace ECM/PCI	М				
Replace PCU/Back Up Control/Keyl	Registration					
	Do Not Insert The Keyless Access Remot Even If The Keyless Access Remote SLOT Available. Turn The Ignition Switch To On. (Don't Press The Foot Brake And Press Th Engine Start/Stop Button Twice.) OK	Γls				
SN:98934 CR-V HYBRID 2024 VIN 5J6RS6H83R						
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15. The smart key registration login is successful, and the registration is completed. Turn off the ignition switch, and click OK.



16. Check all keys to ensure that each key can start the engine. Check all keys to ensure that each key can lock and unlock the door. Click OK.

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Keys	Replace ECM/PC	м				
Replace PCU/Back Up Control/Keyl						
	Registration					
	Attention:					
	Check All Keys To Ensure Each Will Start The Engine Check All Keys To Ensure Each Will Lock And Unlock The Doors					
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#### 17. Turn on the ignition switch, and then click OK.

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