Instruction for the operation of IMMO Module Replacement - 2016

Honda Civic Engine Module Replacement

Tested model

Honda CIVIC 2016, VIN: LVHFC1669G603****, the Engine ECU is shown as below:



Features

This function is used in the condition that unable to start engine after vehicle engine module replaced, and the indicator lamp of Anti-start device on the instrument flashes at this time.

Requirements

Product requirement: X-431 IMMO PRO, X-431 IMMO PAD

Software requirement: Honda Anti-theft software V10.01 and above

Notes

1. An Engine ECU that matches the original vehicle and is available is required;

2. Before performing the operation, ensure that the vehicle battery voltage is not lower than 12V and the device has sufficient power;

3. During operation, strictly follow the device prompts to switch ignition ON/OFF;

4. When the key registration failed, switch ignition OFF and ON for one time to perform the function of system check;

5. After the key registration completed, check whether all the keys normally open and close the doors and start the engine normally.

Steps

- 1. Replace the engine ECU prepared in advance, and make sure that the battery is disconnected before replacement.
- 2. Connect the diagnostic device, enter the corresponding IMMO module, and select the HONDA Anti-theft diagnostic software, as shown in Figure 1:

X-431 IMMO PAD	V7.03.016			<u>_</u>
ІММО	IMMO PROG	Intelligent Diagnose	Local Diagnose	Remote Diag.&Smartlin
TPMS	ADAS	Service Function	Diagnostic History	Feedback
Mall	Software Update	Info Center	Vehicle Coverage	Other Modules
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Figure 1

3. Select the menu [Engine Module Replacement], the software will automatically detect the Anti-theft type and display the corresponding function menu, as shown in Figure 2.

Show Menu	^	ē	F
HONDA V10.01 > Select Function			🗄 12.02V
Anti-Theft System Detection	Anti-Theft Key Matching		
Anti-Theft Module Replacement	Engine Module Replacement		
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Figure 2

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Show Menu			A	ē I	P
HONDA V10.01 > Select Function				(F	12.010
Anti-Theft System Detection		Anti-Theft Key Matching			
Anti-Theft Module Replacement		Engine Module Replacement	t		
	Regist	tration			
	Registration Code: 0E				
	0	к			
Honda 2016 VIN LVHFC1669G603					
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Figure 3

4. Perform interactive communication with Engine system, perform interactive communication with Anti-theft system, and perform lock cylinder control unit initialization, as shown in Figure 4.

Show Menu					f		P	
HONDA V10.01 > Select Function							🖻 12.0	ov
Anti-Theft System Detection			Anti-Theft Key Matchi	ng				
Anti-Theft Module Replacement			Engine Module Replacement					7
		No	otes					
Communicating, I		Please Wait						
END SI		ESSION						
Honda 2016 VIN LVHFC1669G6034								
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Figure 4

 Turn the ignition switch to OFF, as shown in Figure 5.
Note: This operation will be performed more than once during operating, please perform by strictly following the prompts.

	Show Menu			A	ē	F	
	HONDA V10.01 > Select Function					🖻 12.01V	
1	Anti-Theft System Detection		Anti-Theft Key Matching	9			\sum
	Anti-Theft Module Replacement		Engine Module Replace	ment			
		Regist	tration				
		Turn The Ignition Switc (Don't Press The Foot E Engine Start/Stop Butto	ch To Off. Brake And Press The on.)				
		o	ĸ				
	Honda 2016 VIN LVHF c1669G603						
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Figure 5

6. Turn the ignition switch to ON, as shown in Figure 6.

Show Menu		A		P	
HONDA V10.01 > Select Function				🖽 12.01V	
Anti-Theft System Detection	Anti-Theft Key Matching				
Anti-Theft Module Replacement	Engine Medule Penlacem	ent			
	Registration				$\langle \rangle \rangle$
	Do Not Insert The Keyless Access Remote Even If The Keyless Access Remote SLOT Is Available. Turn The Ignition Switch To On. (Don't Press The Foot Brake And Press The Engine Start/Stop Button Twice.)				
Honda 2016 VIN LVHFC1669G6034					
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Figure 6

7. Performing initialization for the intelligent control unit and verify the checkout, as shown in Figure 7.

Show Menu			.	-	F
HONDA V10.01 > Select Function					🗰 12.01V
Anti-Theft System Detection		Anti-Theft Key Matchi	ng		
Anti-Theft Module Replacement		Engine Module Replac	ement		
		Notes			
	Communicating	g, Please Wait			
	END	SESSION			
Honda 2016 VIN LVHFC1669G603					
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Figure 7

8. Turn the ignition switch to OFF, as shown in Figure 8.

Note: This operation will be performed more than once during operating, please perform by strictly following the prompts.

~	Show Menu			f	ę	•	ŀ	
Ι	HONDA V10.01 > Select Function						🖻 12.01V	
	Anti-Theft System Detection	Anti-Theft Key Matching	g					
	Anti-Theft Module Replacement		Engine Module Replace	ement				Y
		Regis	tration					
	Turn The Ignition Switch (Don't Press The Foot B Engine Start/Stop Butto		ch To Off. Brake And Press The on.)					
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9. Take only one original keyless access remote into the vehicle, and remove all other keyless access remotes from the vehicle, as shown in Figure 9.



Figure 9

- Show Menu A ē Anti-Theft System Detection Anti-Theft Key Matching Anti-Theft Module Replacement dula Danlaa ent Registration Do Not Insert The Keyless Access Remote Even If The Keyless Access Remote SLOT Is Available. Turn The Ignition Switch To On. (Don't Press The Foot Brake And Press The Engine Start/Stop Button Twice.) οк Honda 2016 VIN LVHFC1669G603 0 ß ធ Ð
- 10. Turn the ignition switch to ON, as shown in Figure 10.

Figure 10

11. Registration completed, turn the ignition switch to OFF, as shown in Figure 11.

Show Menu			A	ē	P ×
HONDA V10.01 > Select Function					🖻 12.00V
Anti-Theft System Detection		Anti-Theft Key Matching			
Anti-Theft Module Replacement		Engine Module Replacer	ment		
	Regis	tration			
	The Registration Has E				
	Turn The Ignition Swite	ch To Off			
	C	К			
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Figure 11

12. Check all keys, try to start Engine, lock and unlock the doors, as shown in Figure 12.

	Show Menu		A		ð F	
	HONDA V10.01 > Select Function				🖻 12.00V	
$\langle \langle \rangle$	Anti-Theft System Detection	Anti-Theft Key Matching				
\sim	Anti-Theft Module Replacement	Engine Medule Donlacon	cent			
		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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Figure 12

13. Turn the ignition switch to ON, Engine module replacement completed.

Statement:

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