

## 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:



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.

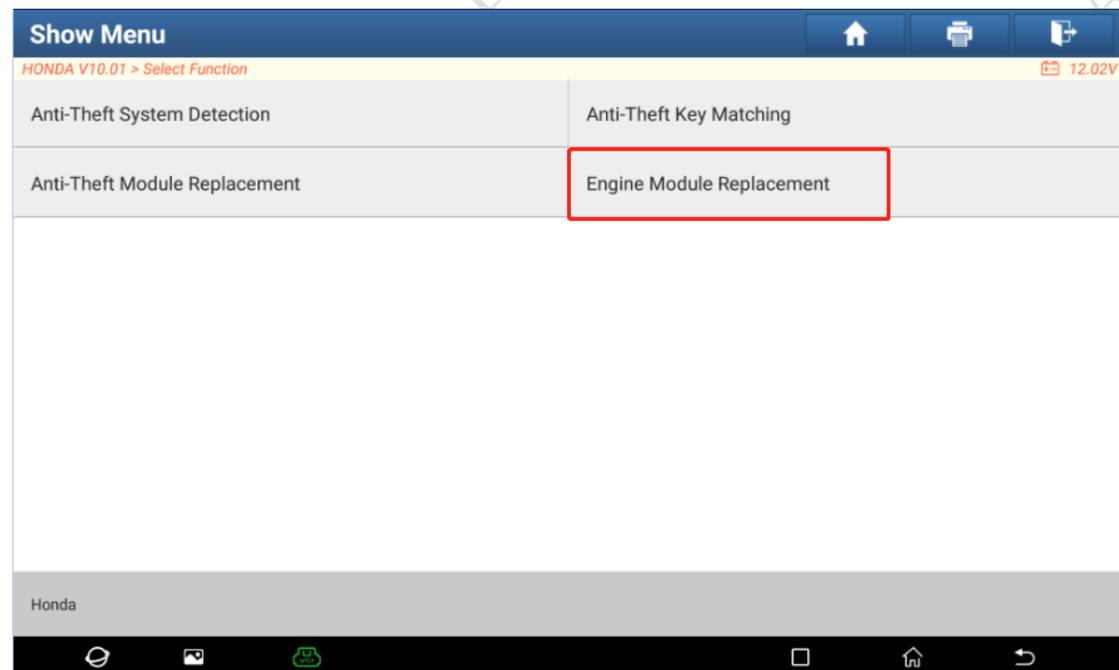


Figure 2

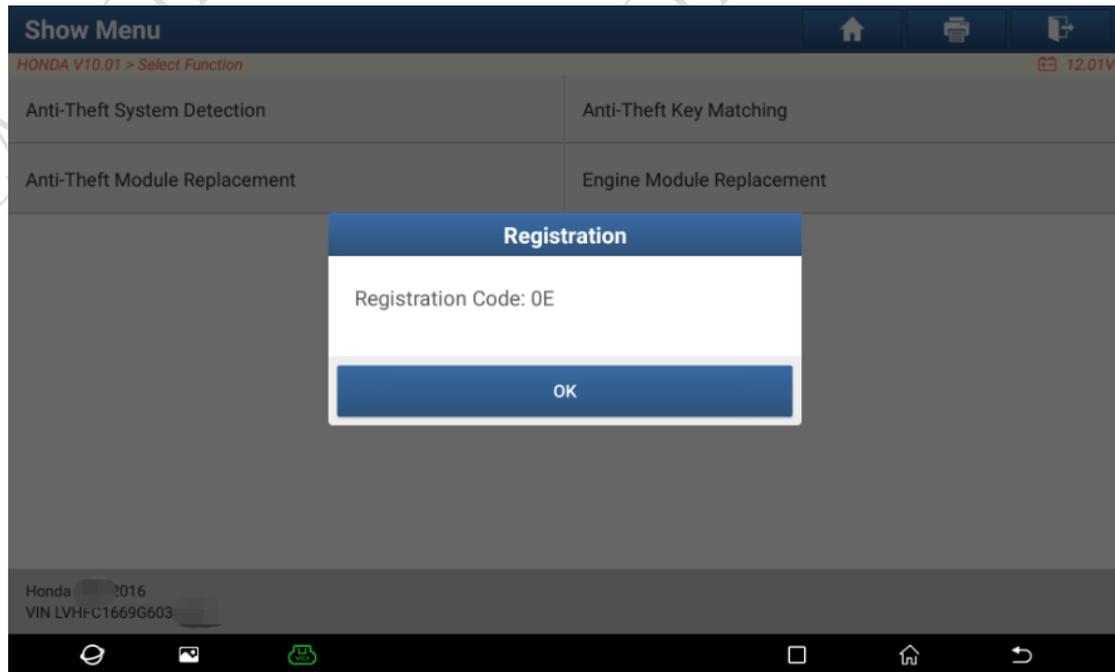


Figure 3

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.

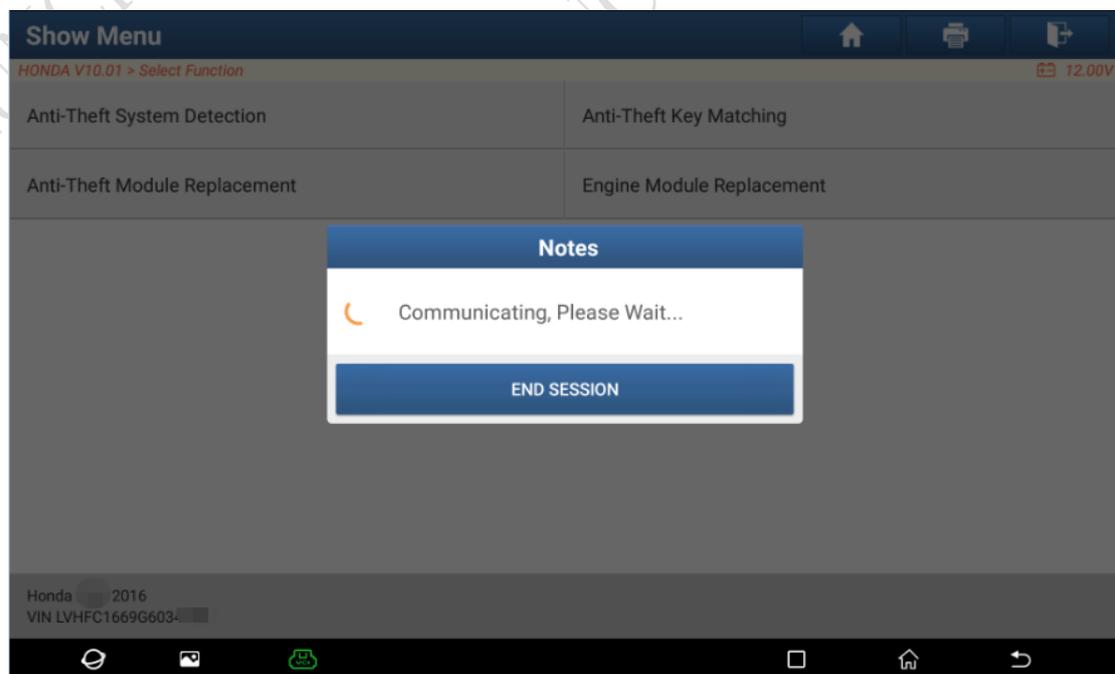


Figure 4

5. 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.

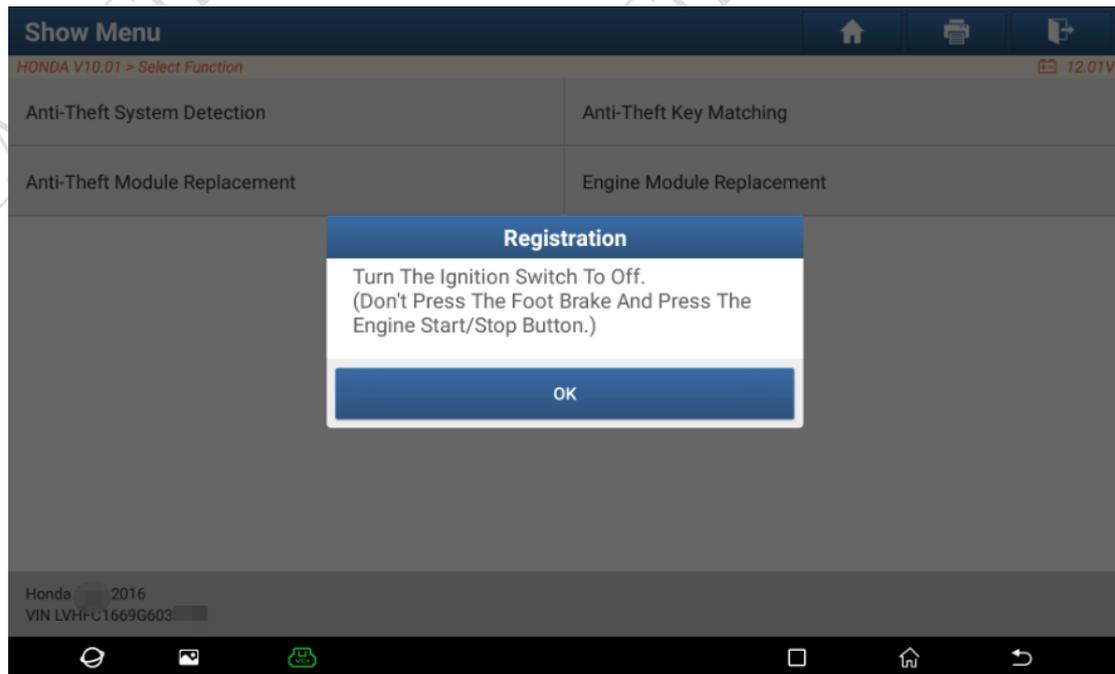


Figure 5

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

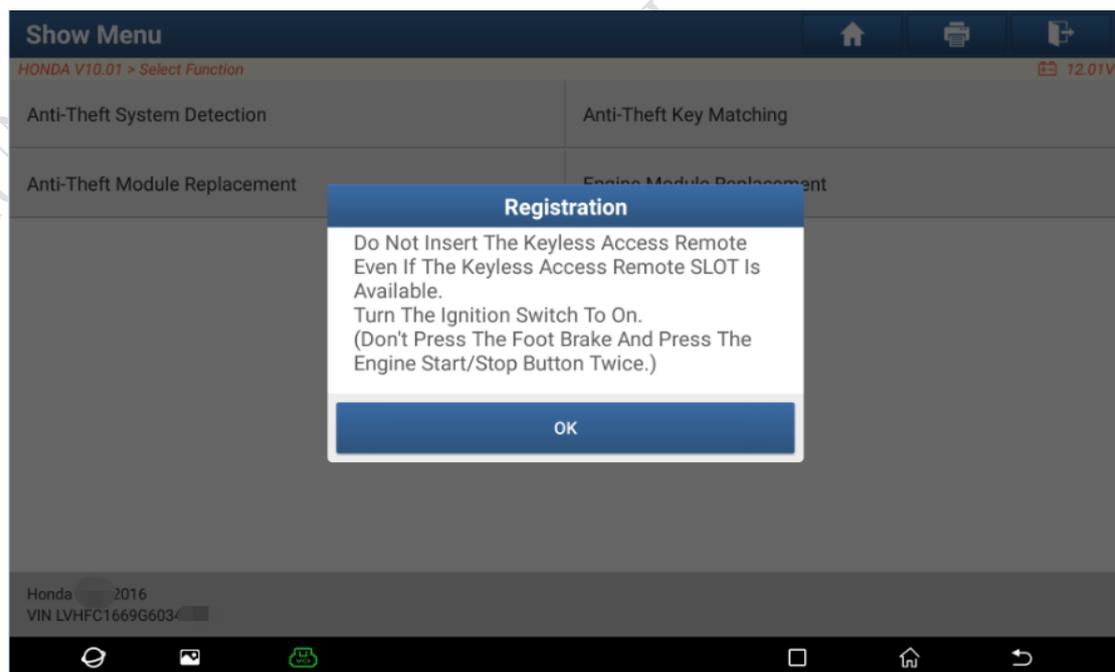


Figure 6

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

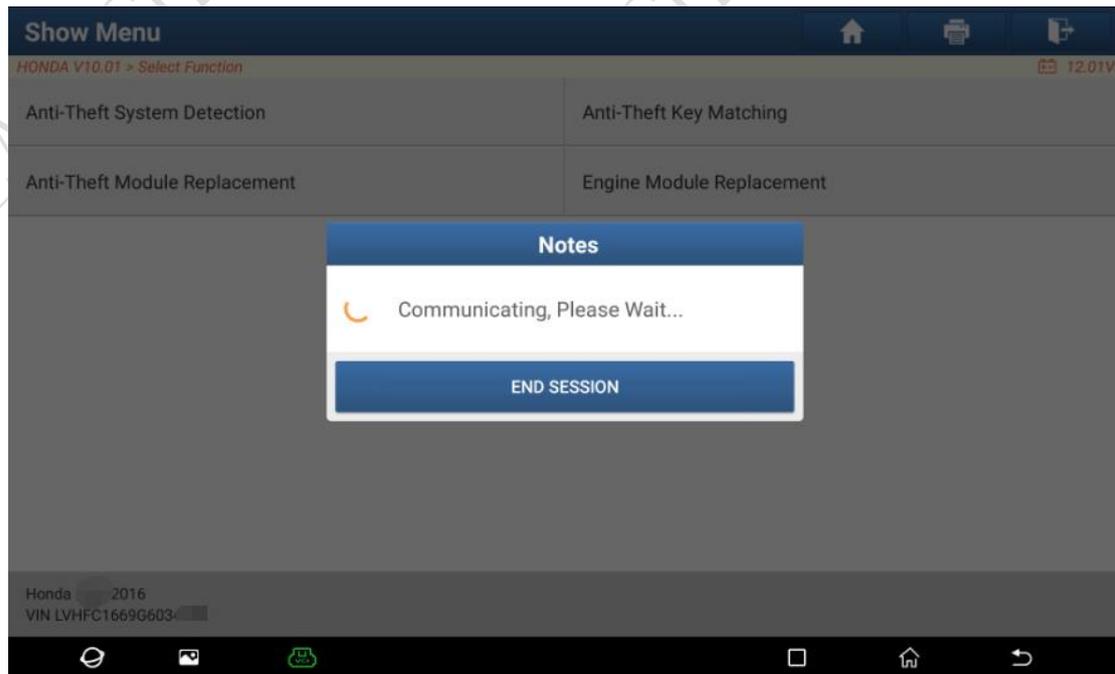


Figure 7

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.

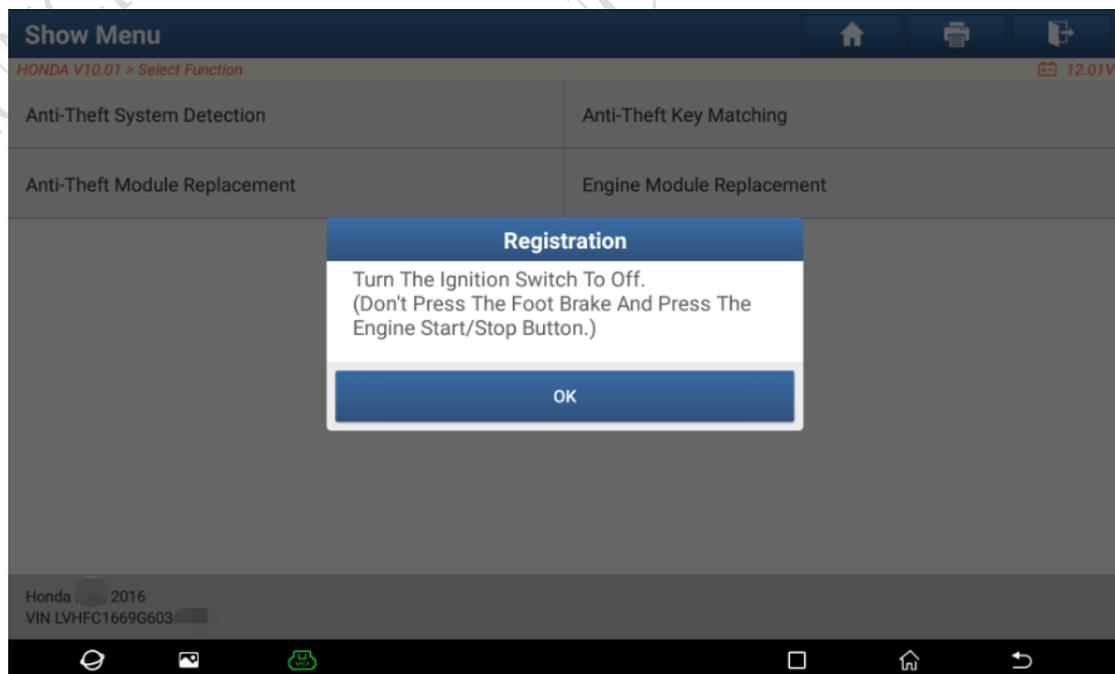


Figure 8

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.

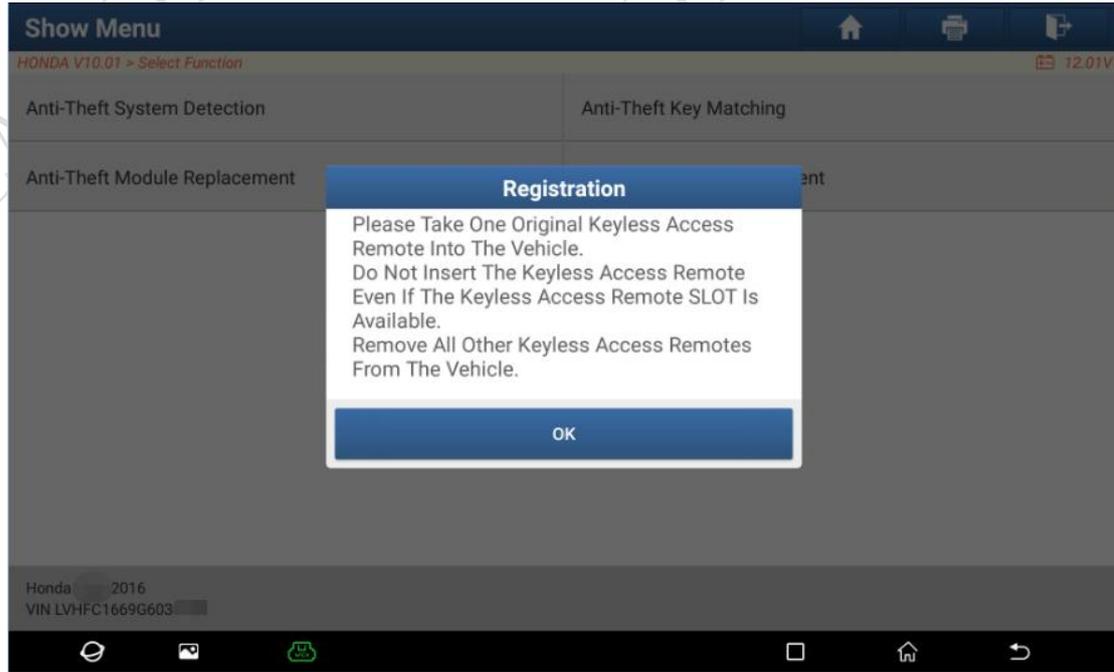


Figure 9

10. Turn the ignition switch to ON, as shown in Figure 10.

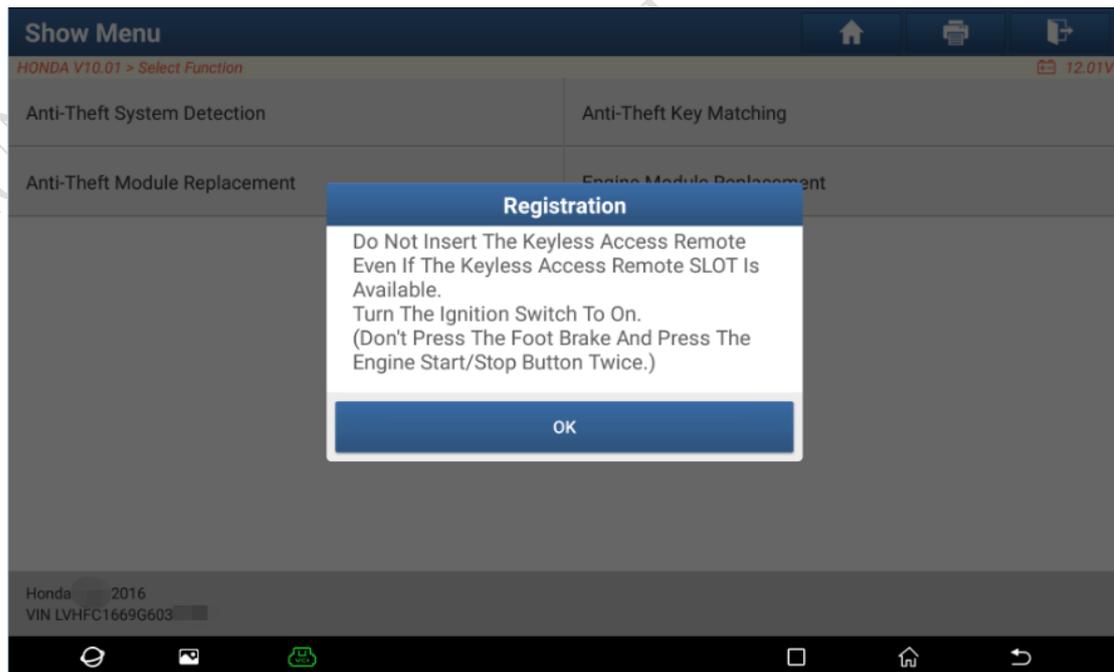


Figure 10

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

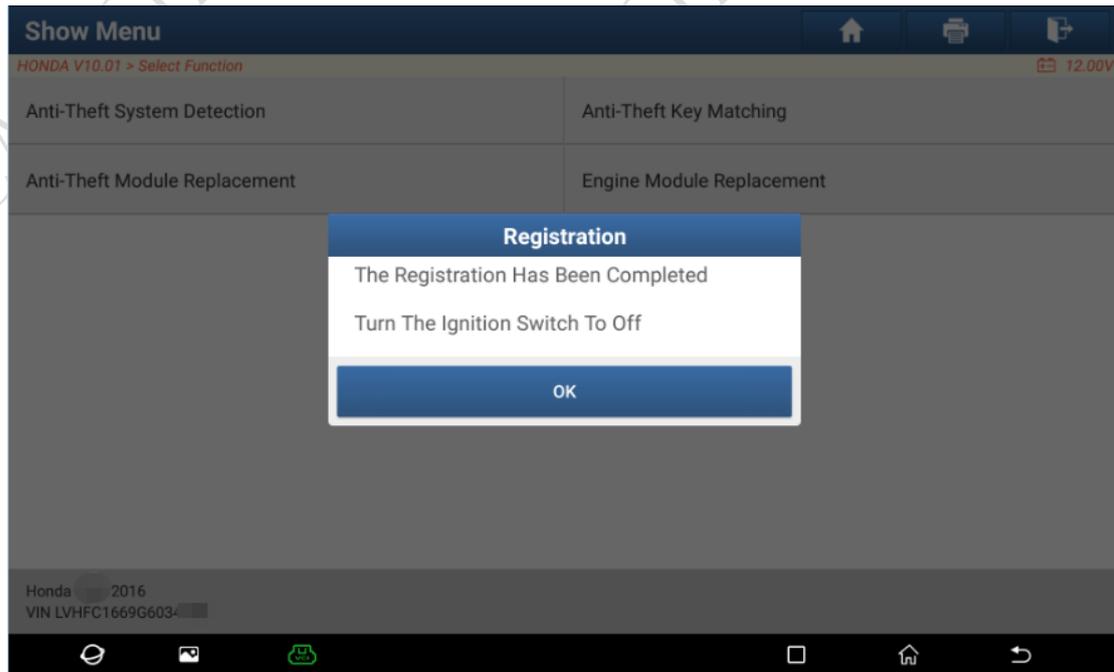


Figure 11

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

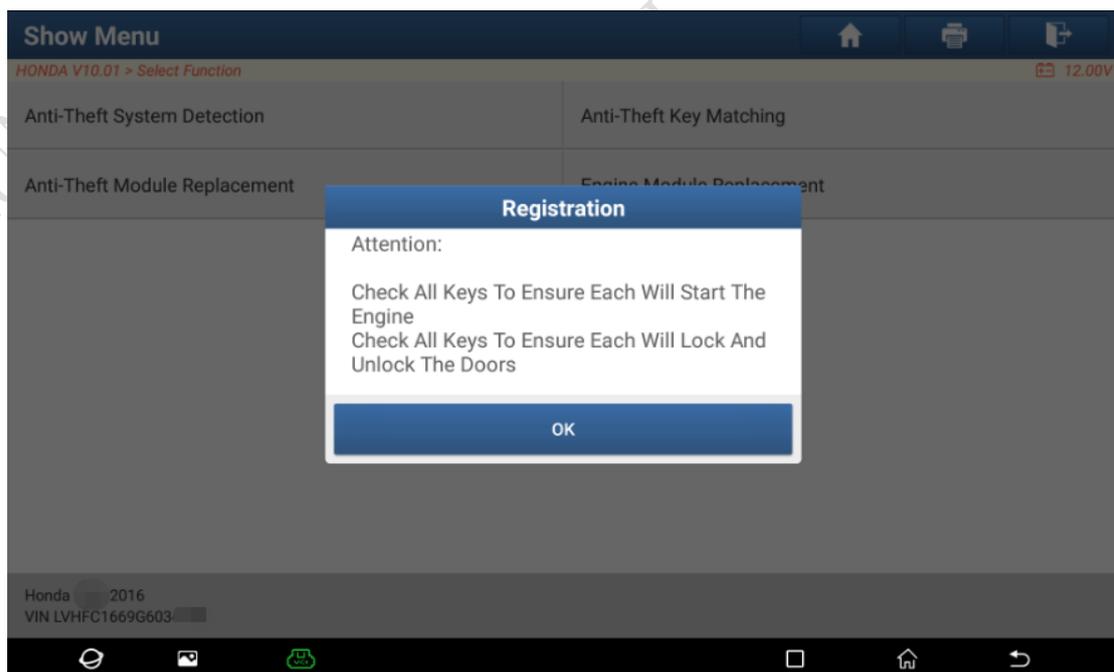


Figure 12

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

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