2011 Focus Anti-theft Key Matching Method

| Product Model	Date	Number
X431Pro series	20150818	016

This test verifies two types of 2011 Chang'an Ford Focus hatchback cars: manual and automatic.
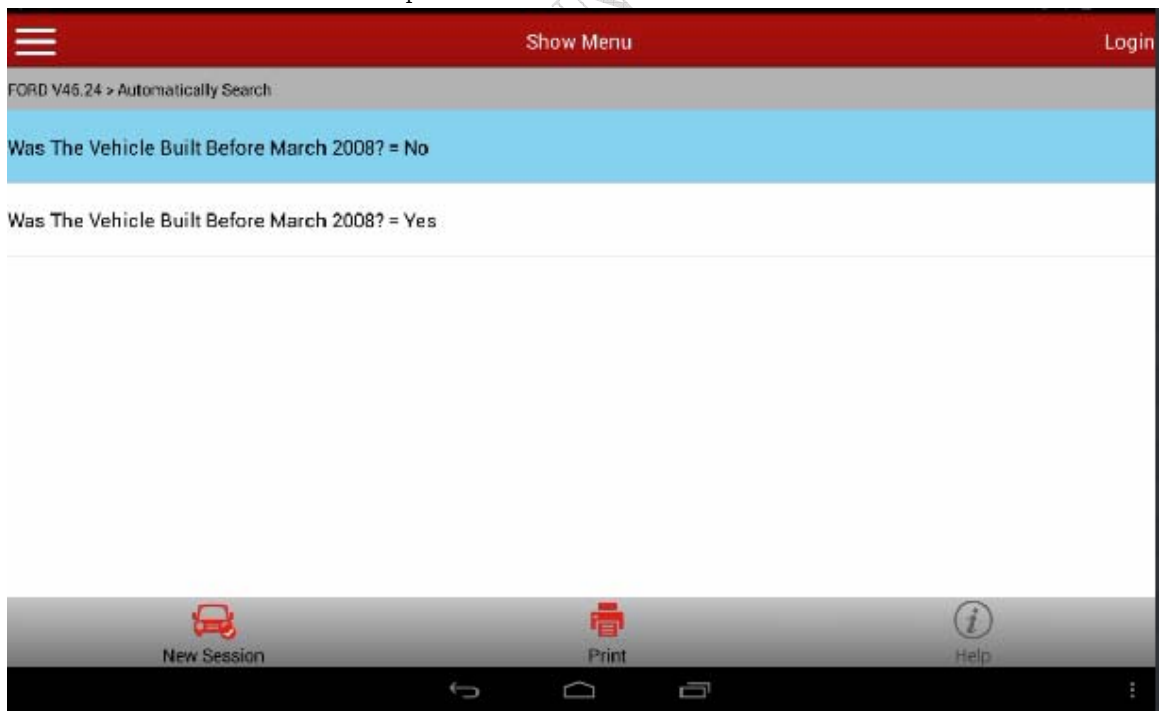
During matching, keep the car stationary in a stable and safe environment. The function will last for about 20 minutes. Battery voltage must be sufficient. Otherwise, the function may fail to be run.
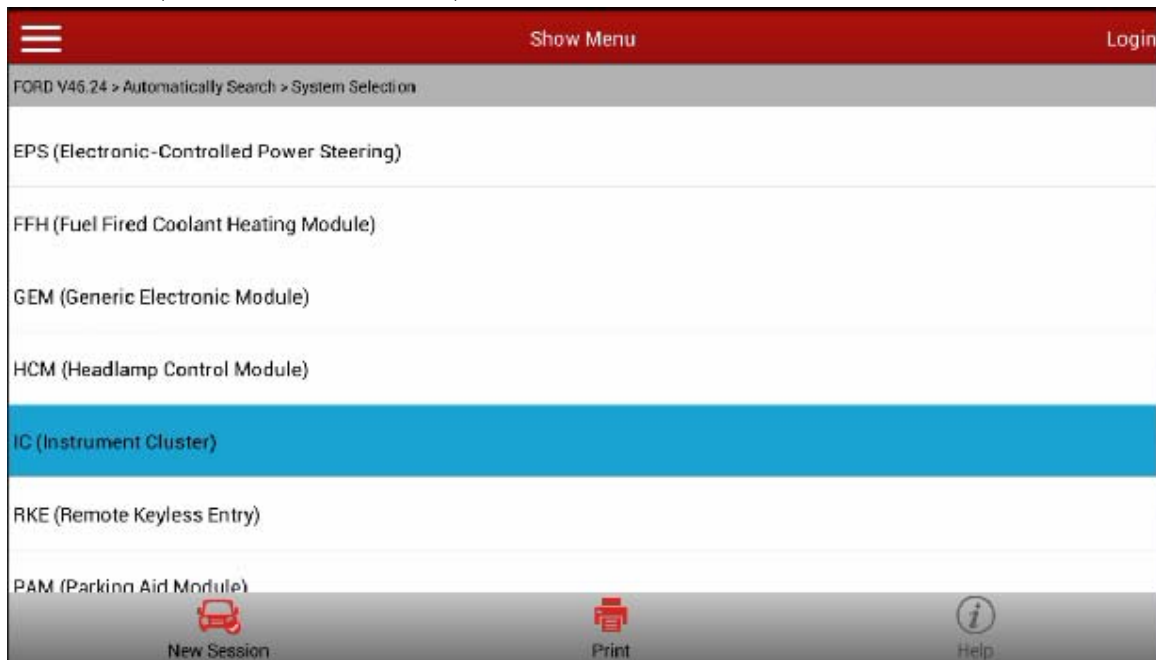
Procedure:

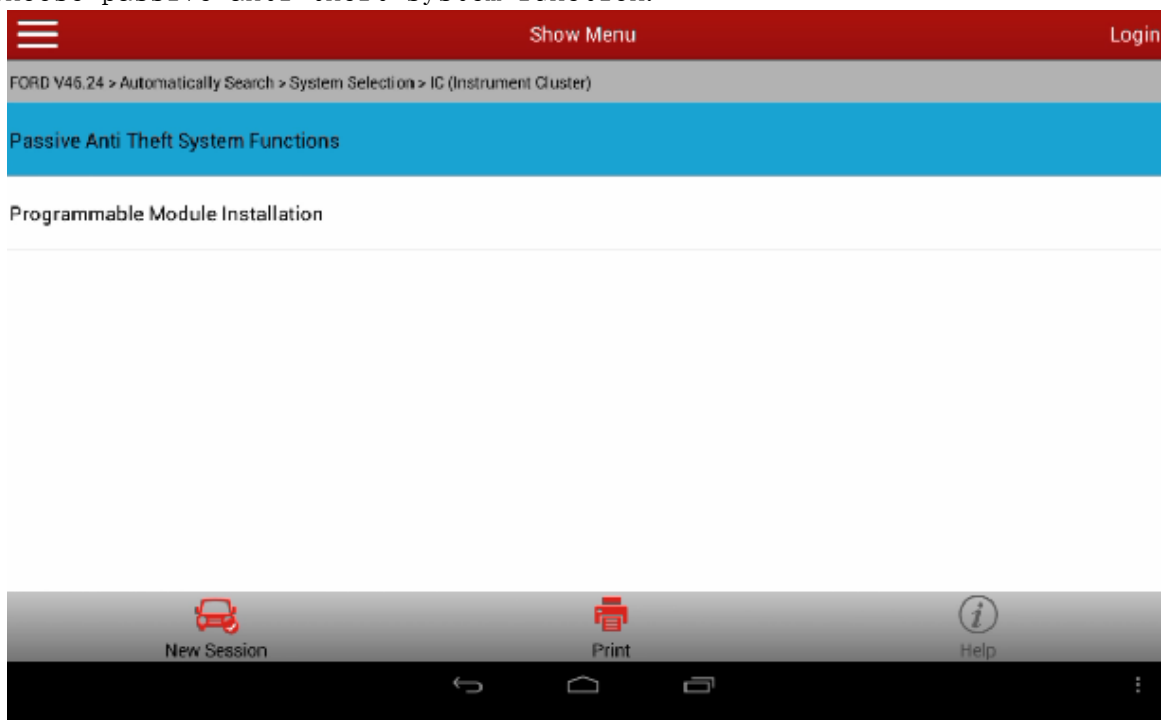1). Choose Ford V45.20 or a later version.

2). Choose automatic search.
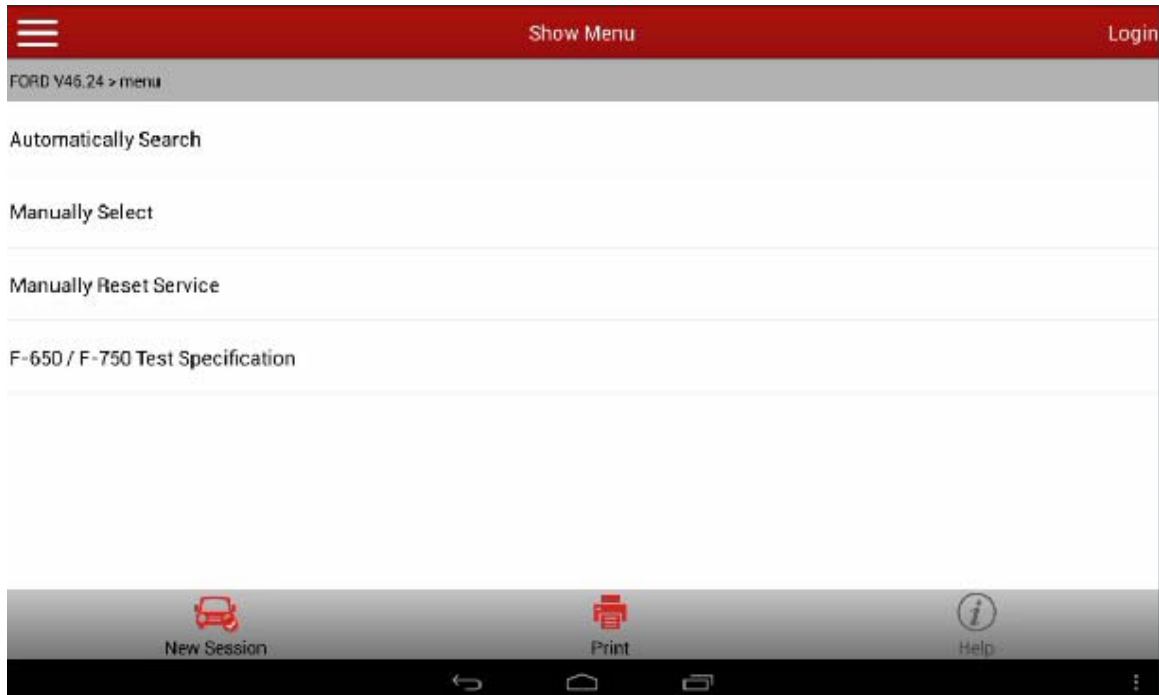
3).Choose the model year 2008.25MY.

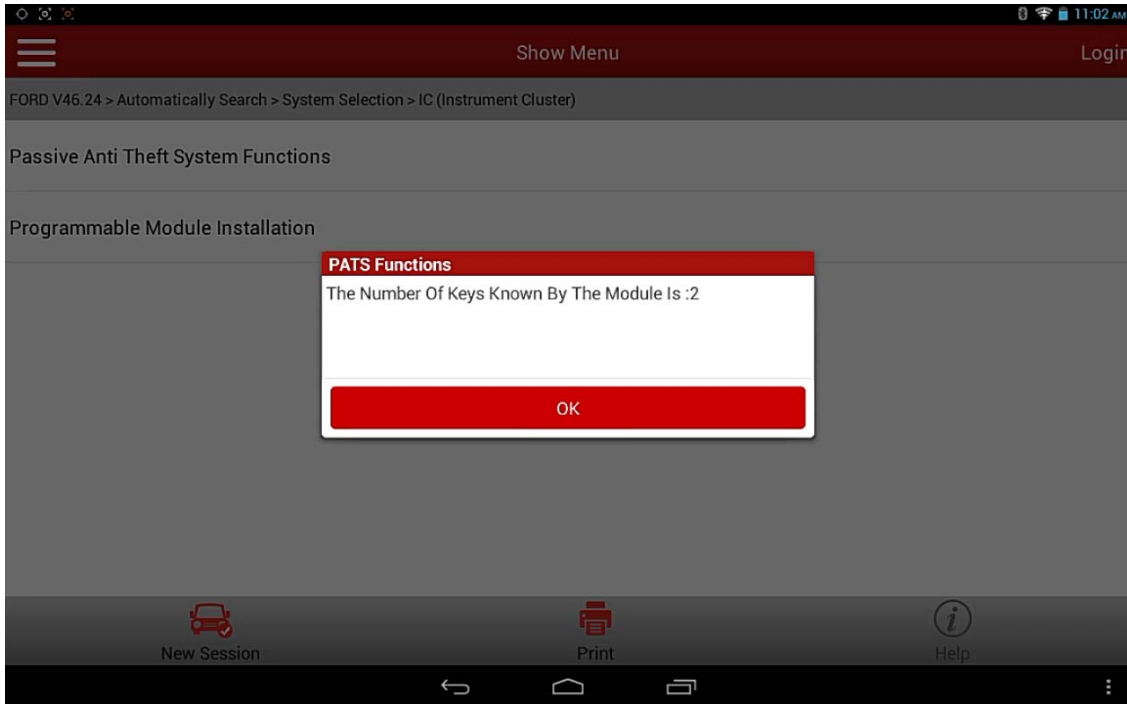4).Choose whether the car is produced before 2008. Choose No.
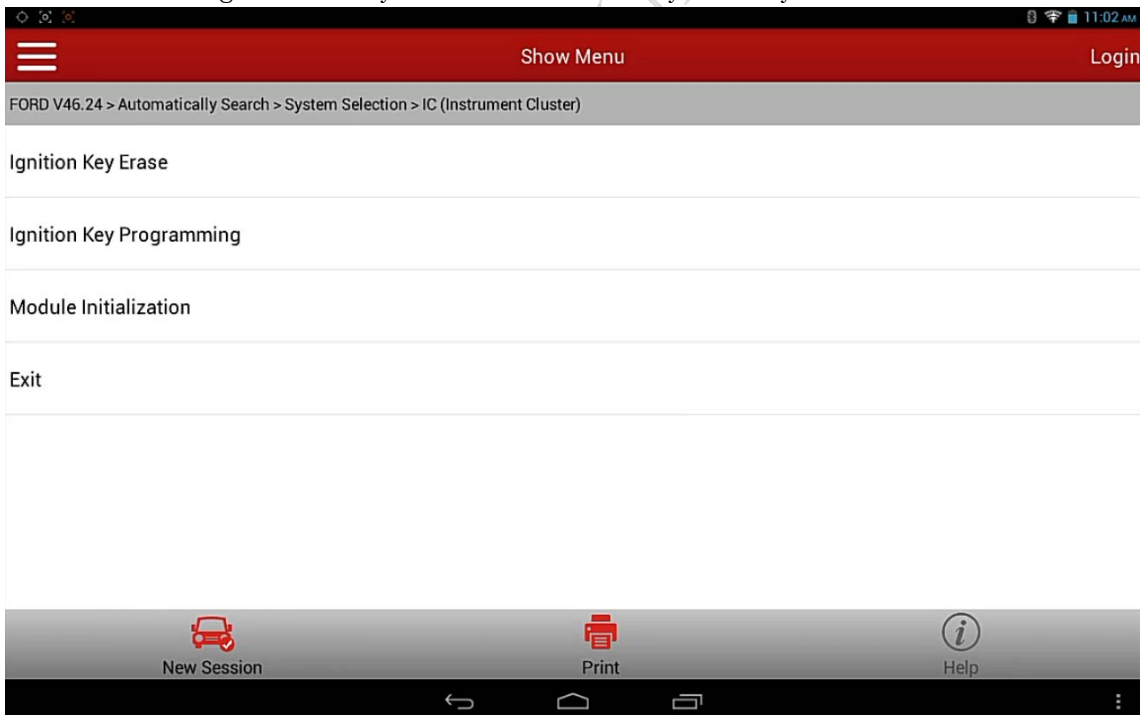
5).Choose IC (instrument cluster).


6).Choose passive anti-theft system function.

7). The message "Number of keys that can be recognized by the module: 2" is displayed. It indicates that two keys are configured for the car. The key memory value needs to be cleared.


8). Choose "Clear ignition key" to clear the key memory value.

9). During ignition key clearing, the program needs to obtain the corresponding permission from the ECU, which takes about 10 minutes. Click OK. Count down from 600s.
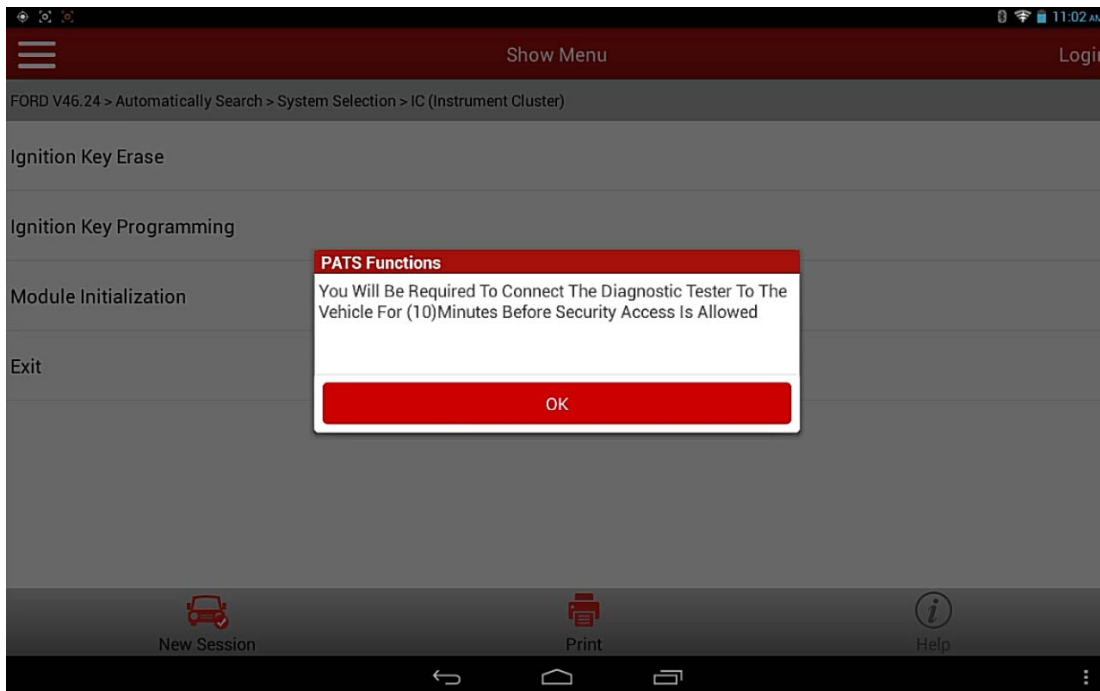
10). After the program obtains the corresponding permission from the ECU (about 120s remaining for countdown), a message is displayed asking whether you have two available keys. Click OK. The program reads the number of current keys again. If the number of keys is not 0 after key clearing, clear keys again.
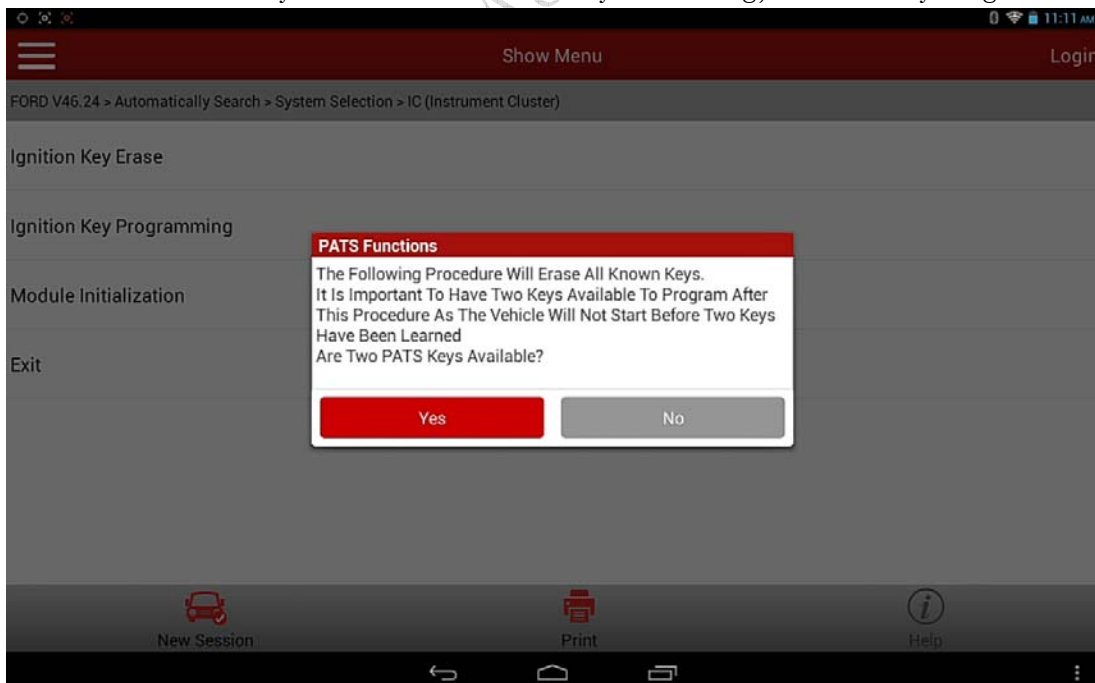
11). You can add ignition key only when the number of current keys is 0. Otherwise, clear keys again. Note: After performing "Clear ignition key", you need to click "Set ignition key program" immediately. That is because the vehicle ECU keeps the corresponding permission only for 10-15s. If the time is too long, the permission becomes invalid and you need to obtain the permission again to perform the next step.
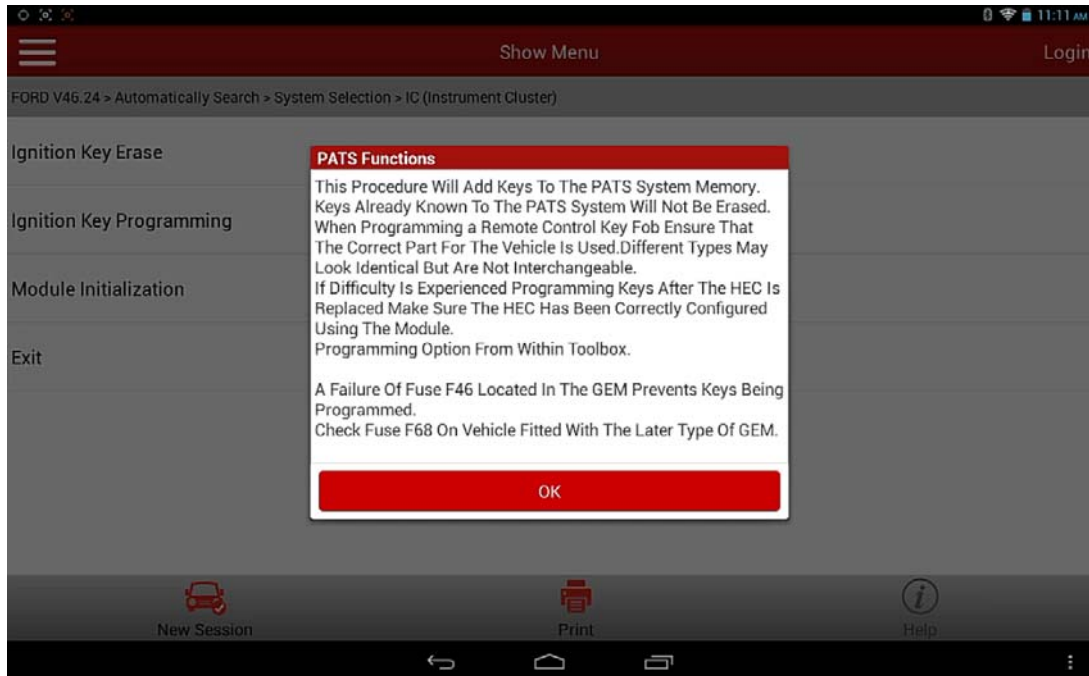
12). After you click OK, if the safety permission is lost, wait for 10 minutes to obtain the permission again. If permission verification succeeds, the following message is directly displayed: The procedure consists of three steps: 1. Turn the ignition key to OFF and remove the key. 2. Insert the new key and turn the key to ON. 3. Click OK. Note: Step 3 can be performed only after steps 1 and 2 are complete. Otherwise, key matching fails.
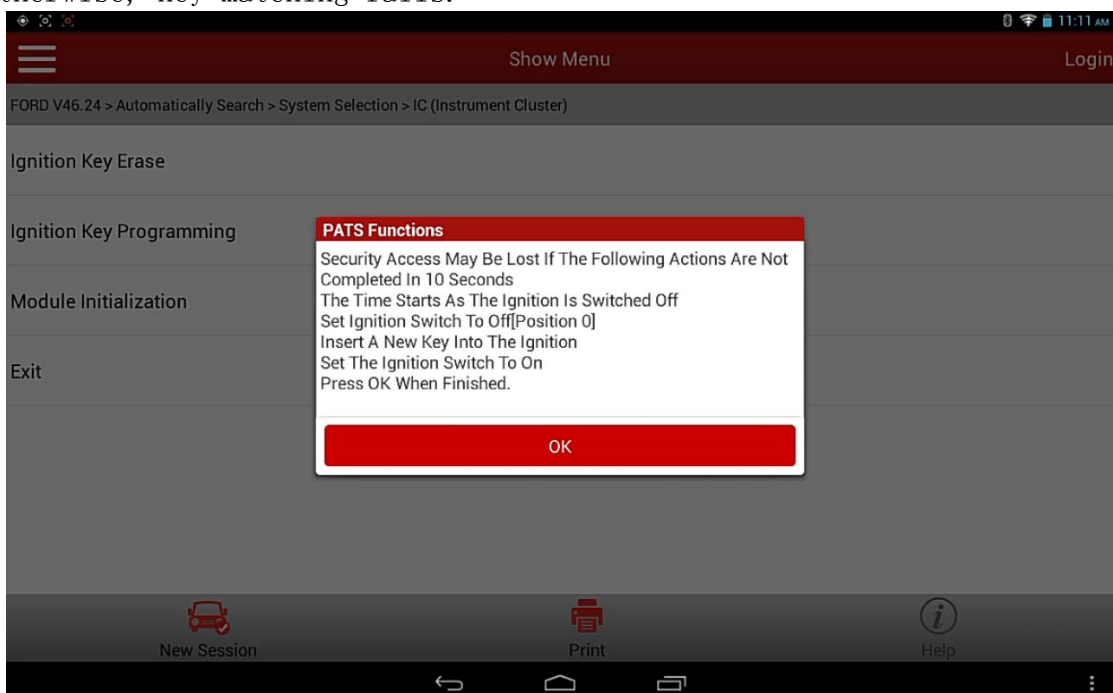
13).After the above procedure is complete, the program has matched one key (do not remove the key). Perform "Set ignition key program" again to configure the second key with the same method. After the following message is displayed, remove the first key, insert the second key, turn the ignition to ON, and then click OK.

Note: The most important step is "Set ignition key program" (add ignition key), which must be performed according to requirements.

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