

Introduction of Toyota Transponder code Registration (II)

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A new type of Immobilizer transponder code matching function is available from Toyota program V34.00, which is accessed following the path: “[TOYOTA-16] connector or CAN BUS II connector”→“other area” (After you click this menu, X431 will search which systems on the vehicle can be tested automatically and display them)→ “Body”→“Immobilizer”, then it will display as **Fig.01**, the new function is found under “Work Support” menu. If the vehicle is not equipped with this type Immobilizer system, please refer to another article, <Introduction of Toyota transponder matching> on the website.

1. Transponder Code Registration

Click “Work Support”, it will display as **Fig.02**, If you want to register a new transponder(key), please select “Transponder code registration”, under this menu, not only master key, but also sub key can be registered.

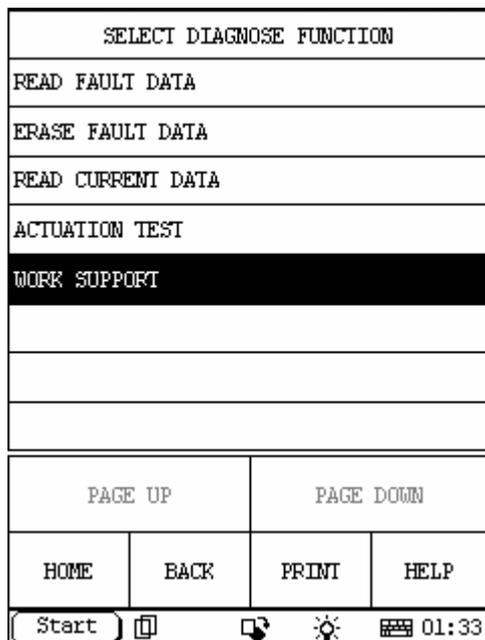


Fig.01

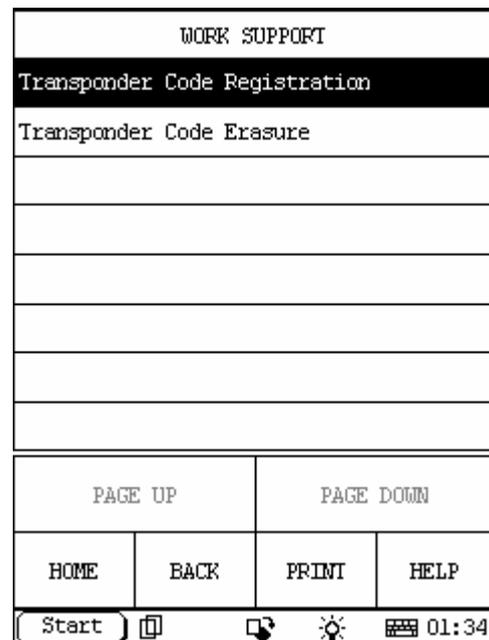


Fig.02

Requirement: Please prepare a registered master key and a virgin key to be registered before you operate, the virgin key is either a master key or a sub key. If preparation is OK, please click “Transponder code registration”, then it will display as **Fig.03**.

There are 3 steps for operation, click “OK” to enter step 1, as **Fig.04**, please operate as guide displayed on the screen within 120 seconds.

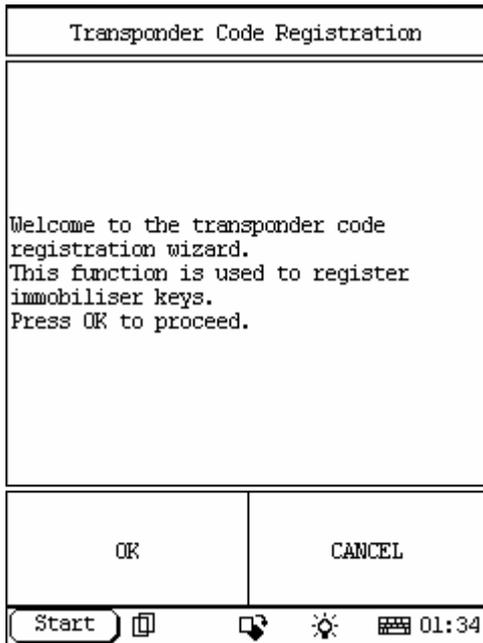


Fig.03

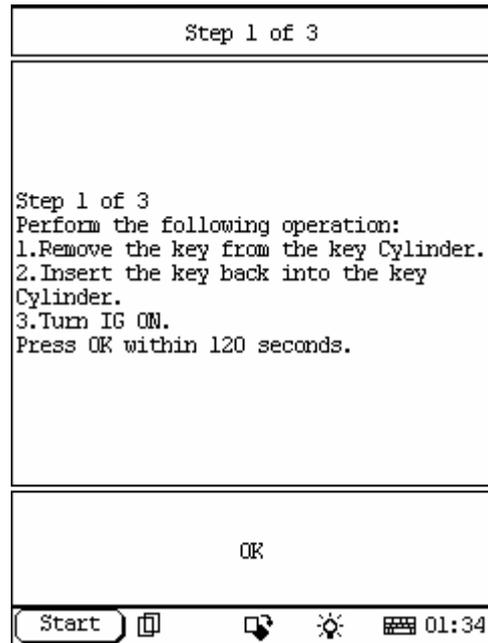


Fig.04

After the above operation completed, click “OK” to enter step 2, as **Fig.05** displayed, remove the master key from the cylinder within 20 seconds, then click “OK” to enter step 3, as **Fig.06** displayed, insert the virgin key to be programmed into the cylinder within 10 seconds, then press OK. It is better as soon as possible when you operate step 2 and step 3.

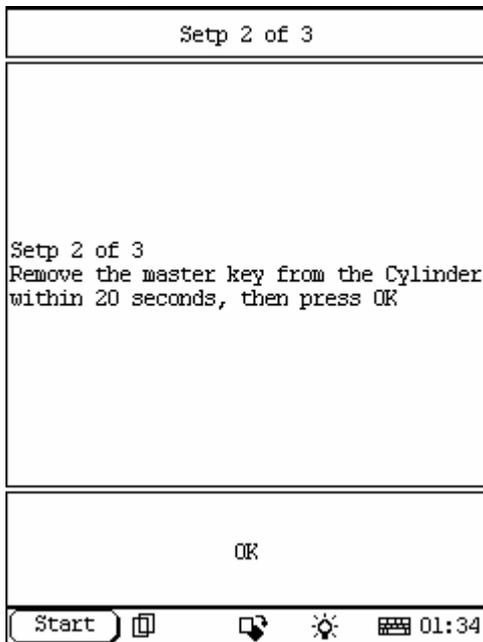


Fig.05

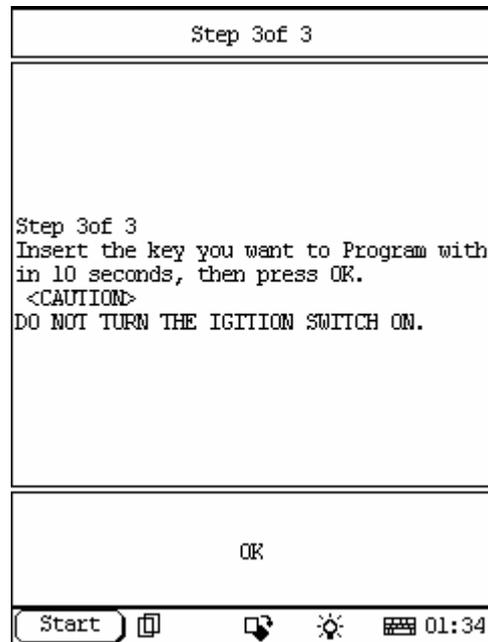


Fig.06

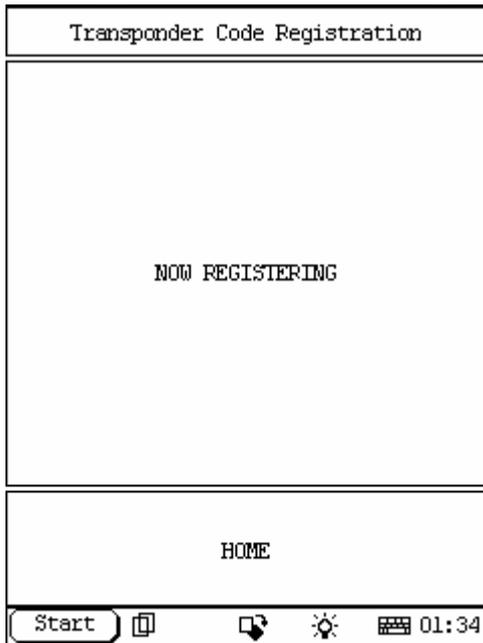


Fig.07

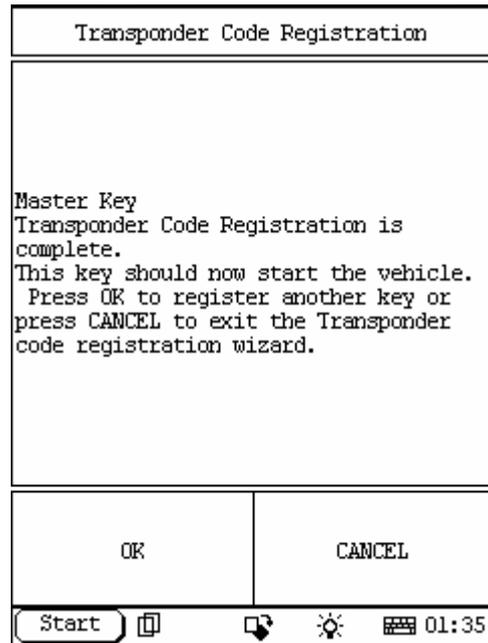


Fig.08

After you click “OK” in the **Fig.06**,the vehicle ECU start to register the key and X431 will display as **Fig.07**. If succeed, it will display as **Fig.08** (for master key) or as **Fig.09** (for sub key). If you want to continue to register another key, please click “OK”,otherwise click “Cancel” to exit the registration procedure.

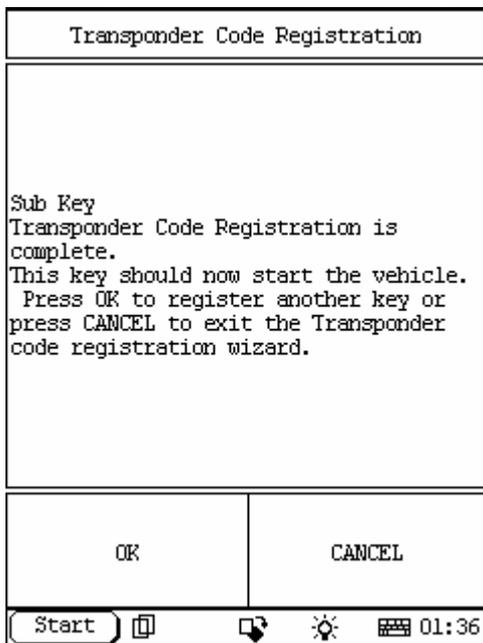


Fig.09

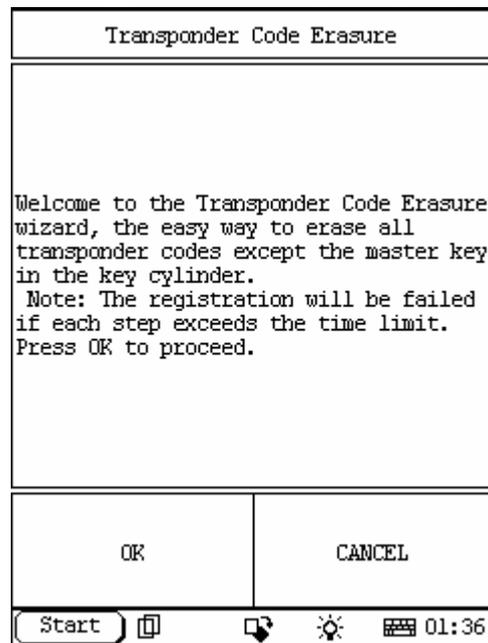


Fig.10

2. Transponder Code Erasure

If you want to erase the keys registered,please click “Transponder Code Erasure” in the Fig.02 and it will display as **Fig.10**,please pay attention to the notes displayed on the screen.

There are 2 steps for key code erasure procedure, click “OK” in the Fig.10 to enter step1,as **Fig.11** displayed. Please operate as the guide information on the screen, after all is OK, please

click “OK” to enter step 2 as **Fig.12**. Remove the master key from the key cylinder within 10 seconds, and then click “OK”,the vehicle ECU start to erase the key code and X431 will display as **Fig.13**. if the erasure operation succeed, X431 will display as **Fig.14**. click “OK”,then the erasure procedure is completed.

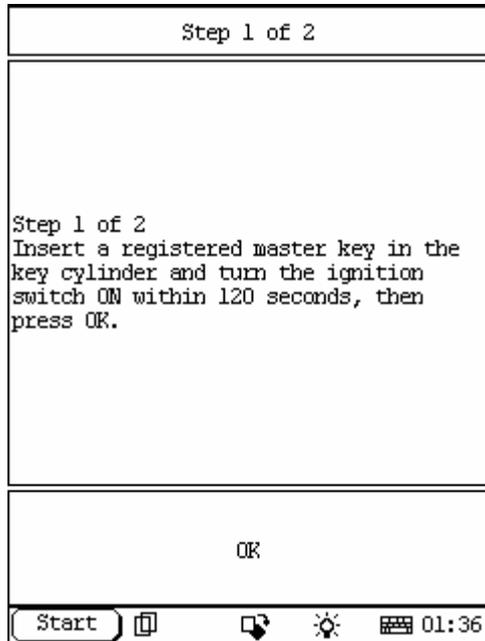


Fig.11

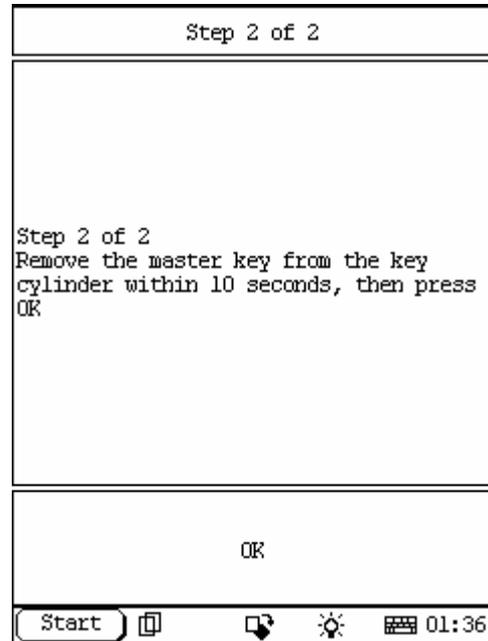


Fig.12

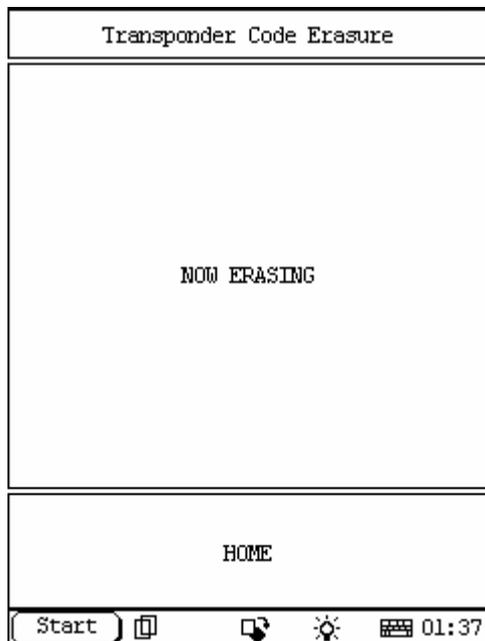


Fig.13

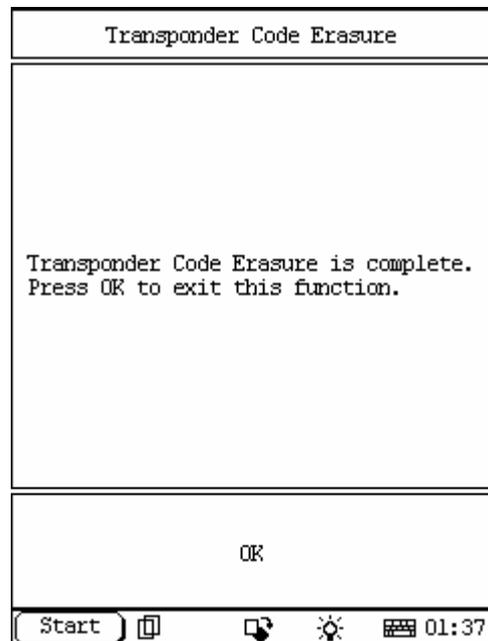


Fig.14