Toyota H Immobilizer All Keys Lost solution (Gen1 11910 & Gen2 12xxx)

I. Getting Started

I. Introduction

This Help relates to Tango software version 1.115 and Barracuda software version 13. The system allows to solve all keys lost (AKL) situation on Toyota vehicles equipped with all currently known generations (Gen1 MCU 11910, Gen2 MCU 12xxx) of 128bit H immobilization system regardless of market (EU/Asia/USA), by creating a master key on LKP-04 without need to replace or reset the immobilizer. During the process car data is not altered in any way.

System Requirements:

- Barracuda programmer
- Barracuda Adapter H Immo
- Barracuda activation H Immo
- Tango key programmer
- LKP-04 transponder
- Toyota maker
- Toyota Image Generator H

Barracuda Adapter H Immo
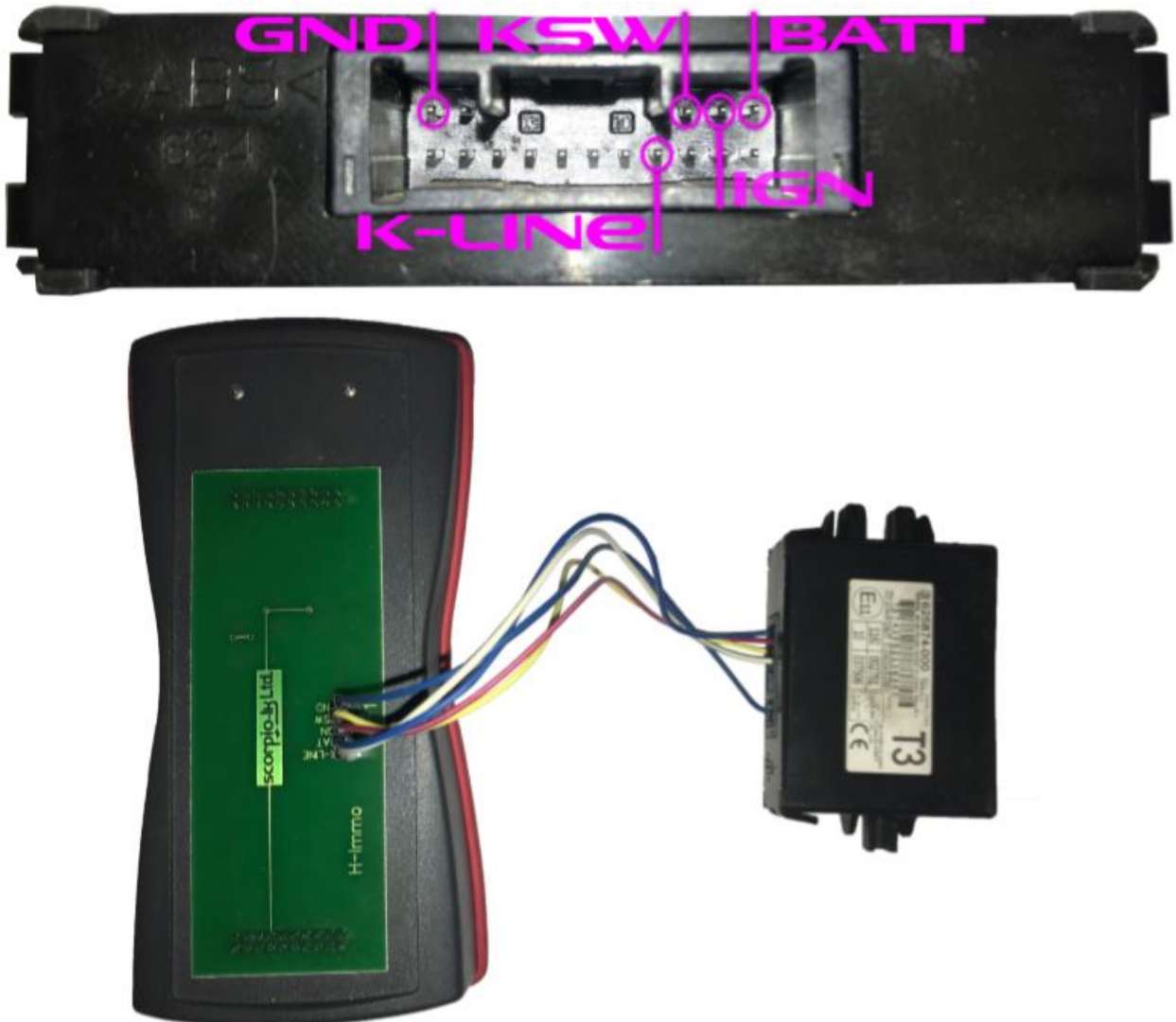
II. Operation Procedure

The system c can be summarized in two main stages, which are described below:

Read immobilizer data with Barracuda

Master key Creation (Write Transponder) with Tango
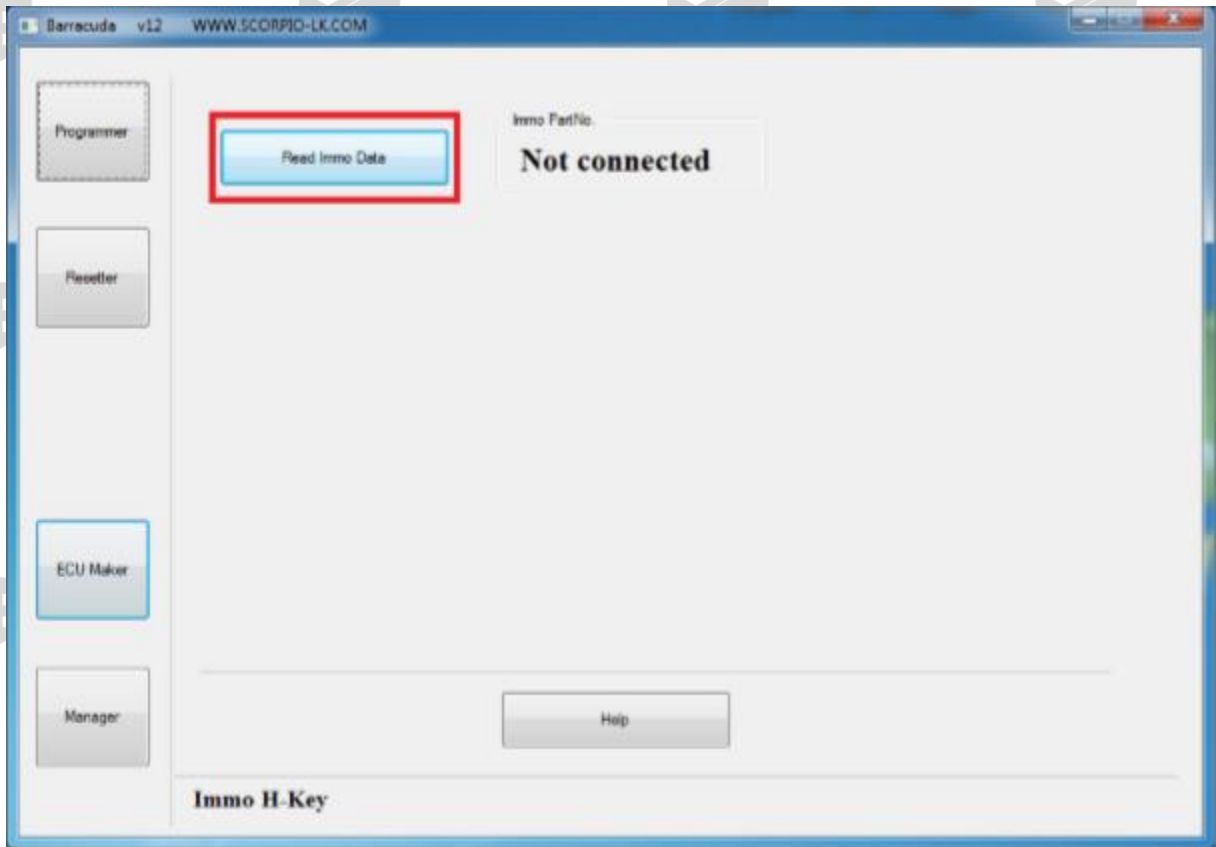
Read Immobilizer data

1. Take off the vehicle immobilizer and connect it to Adapter H Immo
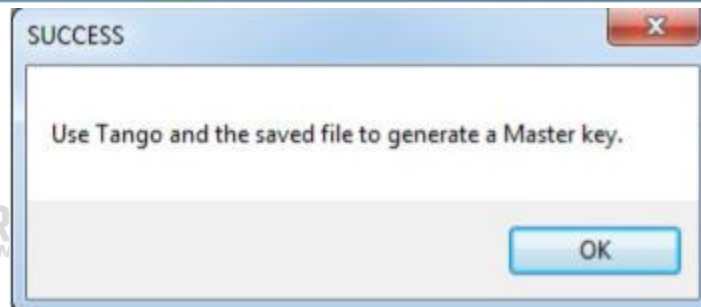
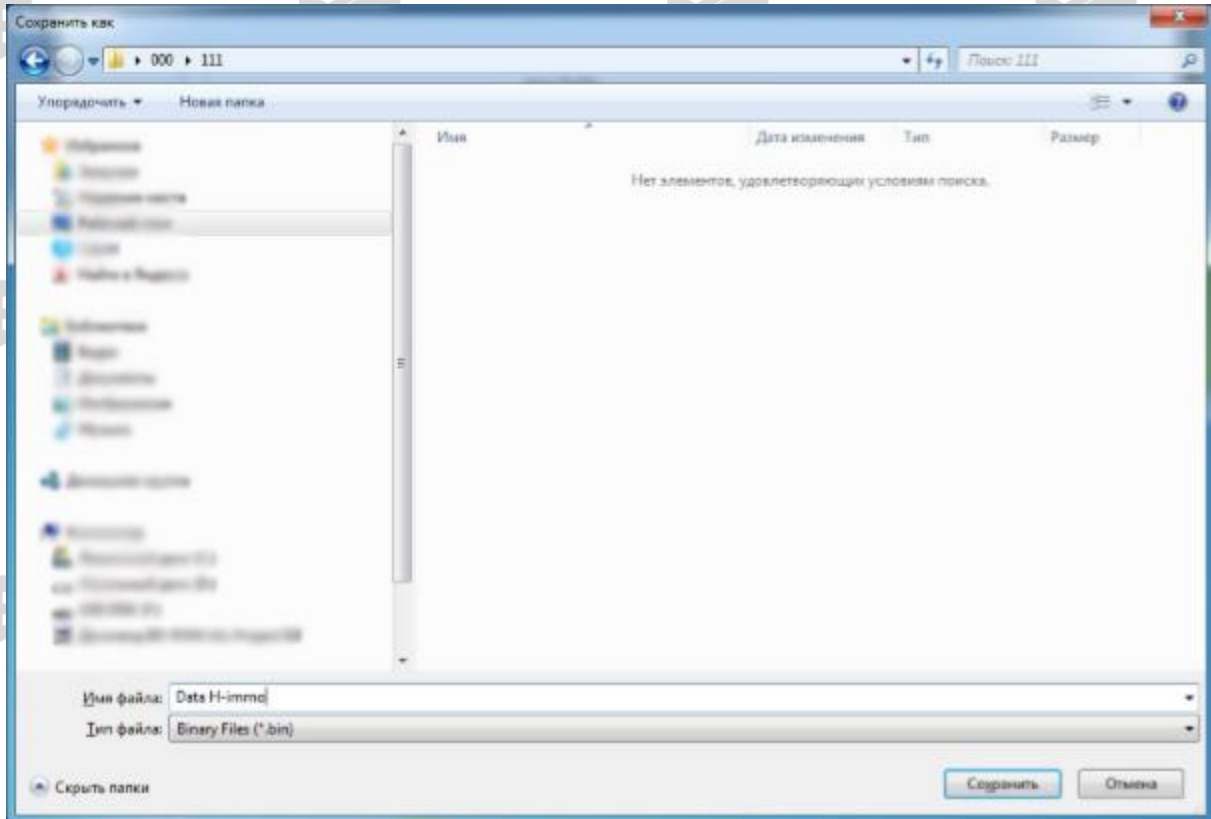2. Connect Barracuda and starts its software

3. Select ECU Maker->H-Immo. Then press Read Immo Data

4. Barracuda will connect to Immo, its part number will be shown, wait until readout id finished.

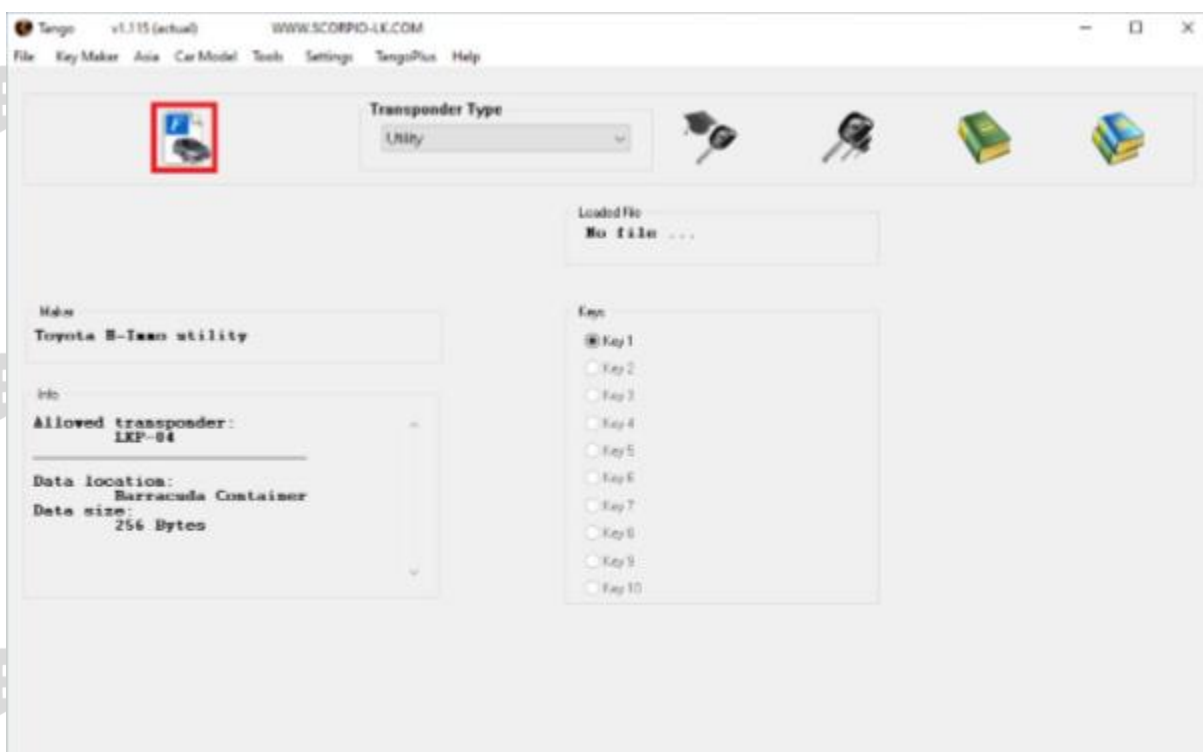5. Save the dump file(*.bin)

After step 4 there are no more operations concerning the immobilizer so it can be returned to vehicle.
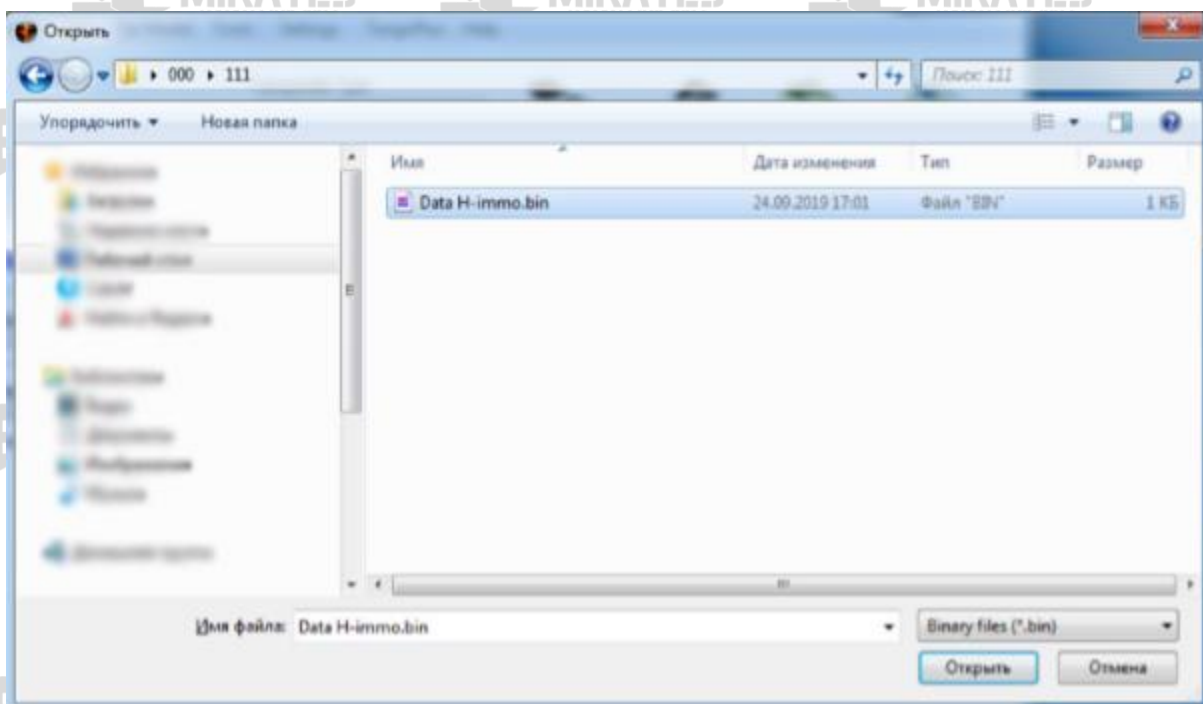
Write Transponder with Tango :

1. Connect Tango and start its software

2. Select region Asia, then Toyota->Utility->H-Immo
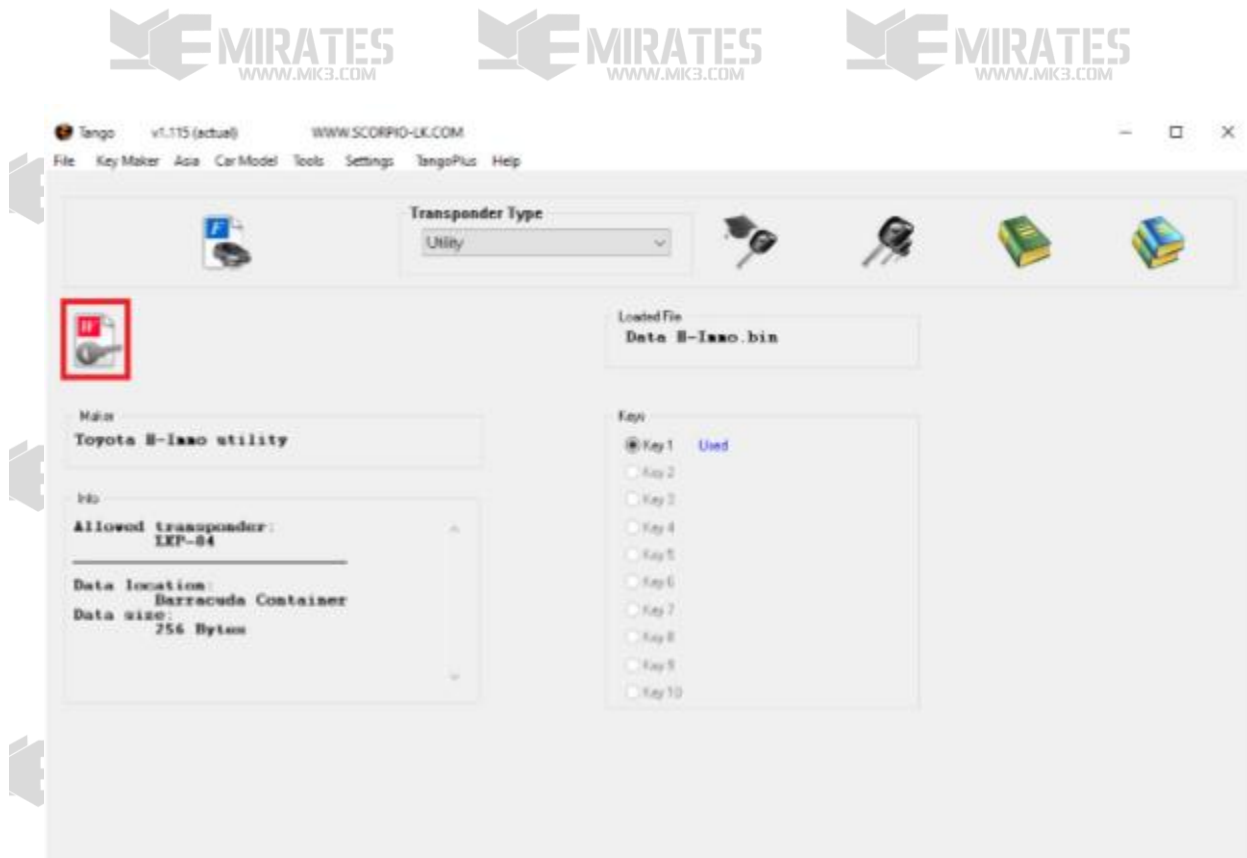
3. Place a LKP-04 transponder in Tango coil

4. Press Open File button

Tango   v1.115 (actual)   WWW.SCORPIO-LK.COM

File   Key Maker   Asia   Car Model   Tools   Settings   TangoPlus   Help

Transponder Type
Utility

Loaded File
No file ...

Make
Toyota H-Imm utility

Info

Allowed transponder:
LKP-04

Data location:
Barracuda Container
Data size:
256 Bytes

Keys
- Key 1
- Key 2
- Key 3
- Key 4
- Key 5
- Key 6
- Key 7
- Key 8
- Key 9
- Key 10

5. Select the dump file saved in step 5 of Read Immo Data

Открыть

000 ▸ 111   Поиск: 111

Упорядочить ▾   Новая папка

Имя	Дата изменения	Тип	Размер
Data H-immo.bin	24.09.2019 17:01	Файл "BIN"	1 КБ

Имя файла: Data H-immo.bin   Binary files (*.bin)

Открыть   Отмена

6. Select LKP-04 in the dialog window and press OK

7. Wait until Tango finishes writing the transponder

After step 6 the created LKP-04 transponder becomes a master key for the vehicle and can be used as diagnostic authorization (example Techstream) to ad TRPWS21 H keys (ethier Tango generated or original).