

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

I. Getting Started

Introduction

This Help relates to Tango software version <u>1.115</u> (September 2019) and Barracuda software version <u>13</u> (September 2019). The system allows to solve all keys lost (AKL) situation on **Toyota & PSA** vehicles equipped with all currently known generations (**Gen1 MCU 11910**, **Gen2 MCU 12xxx**) of 128bit H immobilization system (Page1 **39,59,3A,5A**) regardless of market (EU/Asia/USA), by creating a master key on <u>LKP-04</u> 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
- <u>Tango programmer</u>
- <u>LKP-04 transponder</u>
- <u>Toyota maker</u>
- <u>Toyota Image Generator H</u>

Barracuda Adapter H Immo



II. Operation Procedure

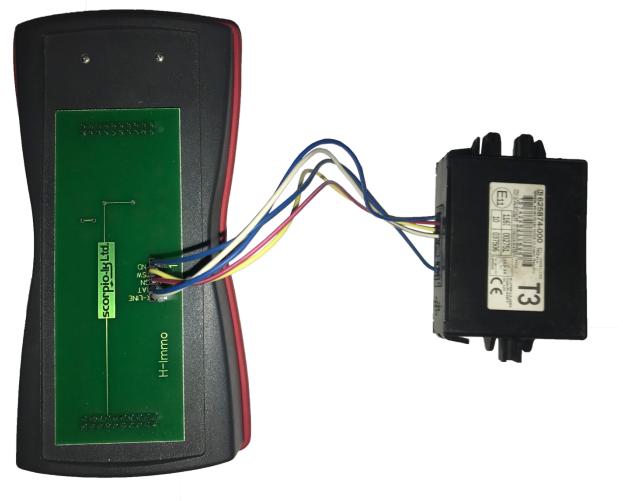
The system c can be summarized in two main stages, which are described below:

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 (PSA system variant [Citroen C1, Peugeot 108 & Toyota Aygo] **doesn't** require connection to KSW)





- 2. Connect Barracuda and start its software
- 3. Select ECU Maker->H-Immo. Then press Read Immo Data

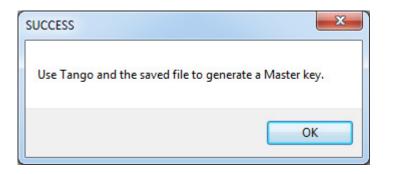
Barracuda v12	WWW.SCORPIO-LK.COM	x
Programmer	Read Immo Data Immo PartNo. Not connected	
Resetter		
ECU Maker		
Manager	Help	
	Immo H-Key	

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

Barracuda v12	WWW.SCORPIO-LK.COM	x
Programmer	Immo PartNo. Read Immo Data 89780 - 0D130	
Resetter		
	Reading	
ECU Maker		
Manager	Help	
	Immo H-Key	

5. Save the dump file (*.bin)

Сохранить как							×
) ▶ 111				👻 🍫 Поиск: 111		٩
Упорядочить 🔻	Новая папка					•	0
Antonio de la composición de l		E UMA	Нет элементов, уд	Дата изменения ковлетворяющих усл	Тип овиям поиска.	Размер	
<u>И</u> мя файла:	Data H-immo						-
<u>Т</u> ип файла:	Binary Files (*.bin)						•
🔿 Скрыть папки					Сохранить	Отмена	a



After step 4 there are no more operations concerning the immobilizer so it can be returned to vehicle

Master Key Creation (Write Transponder)

- 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

Tango v1.116 (actual) WWW.SCO	RPIO-LK.COM	
ile Key Maker Asia Car Model Tools Settin	gs TangoPlus Help	
Transponde Utility	er Type	🆻 🔗 🌾 🌾
		Loaded File Data H-1mmo.bin
Maker Toyota H-Immo utility		Keys
Info		 Key 2 Key 3
Allowed transponder: LKP-04	*	Кеу 4Кеу 5
Data location: Barracuda Container Data size:		 Key 6 Key 7 Key 8
256 Bytes	-	 Key 9 Key 10

4.Select the dump file saved in step 5 of Read Immobilizer data stage

😌 Открыть	-	ingelier resp			×
	_	-	• 4 ₇	Поиск: 111	٩
Упорядочить 👻 Новая папка	1				!≡ ▼ 🔟 🔞
· manna	^	Имя	Дата изменения	Тип	Размер
a factories		🔳 Data H-immo.bin	24.09.2019 17:01	Файл "BIN"	1 КБ
Advantation Contraction Contra	E	<	TI		
<u>И</u> мя файла:	<u>И</u> мя файла: Data H-immo.bin			Binary files (*	.bin) 🔻
				Открыть	Отмена

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

Specify Transponder Type	×
CLKP-04	
ОК	Cancel

6. 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 add TRPWS21 H keys (either Tango generated or original).

