

Tango+ Toyota: Smart Systems 2018+

I. Overview

Supported Models for "All Keys Lost"

Brand	Model	Key Type	Emulator	Period	Requires activation
Toyota	Camry	DST AES A9	SLK-04	2018+	No (part of Base software)
Toyota	CHR	DST AES A9	SLK-04	2017+	Yes (Toyota CHR 2017+)
Toyota	Prius	DST AES A9	SLK-04	2018+	Yes (Toyota CHR 2018+)

Requirements

- Tango programmer
- J2534 compliant PassThru OBD Adapter
- SLK-04/04E emulator
- Toyota maker
- SLK-04 maker
- Corresponding additional activation for the paid models (**CHR, Prius**, etc...)

SLK Emulators

Page1	Logic	Orig. Chip	Emulator	Color Code
A9	DSTAES	RF430	SLK-04	White



II. Procedure

How To make a Smart Key

Briefly explained the goal of this software is to create a "dummy key" and get permission by the vehicle to register new Smart Keys in All Keys Lost situation.

The learning procedure consists of the two steps:

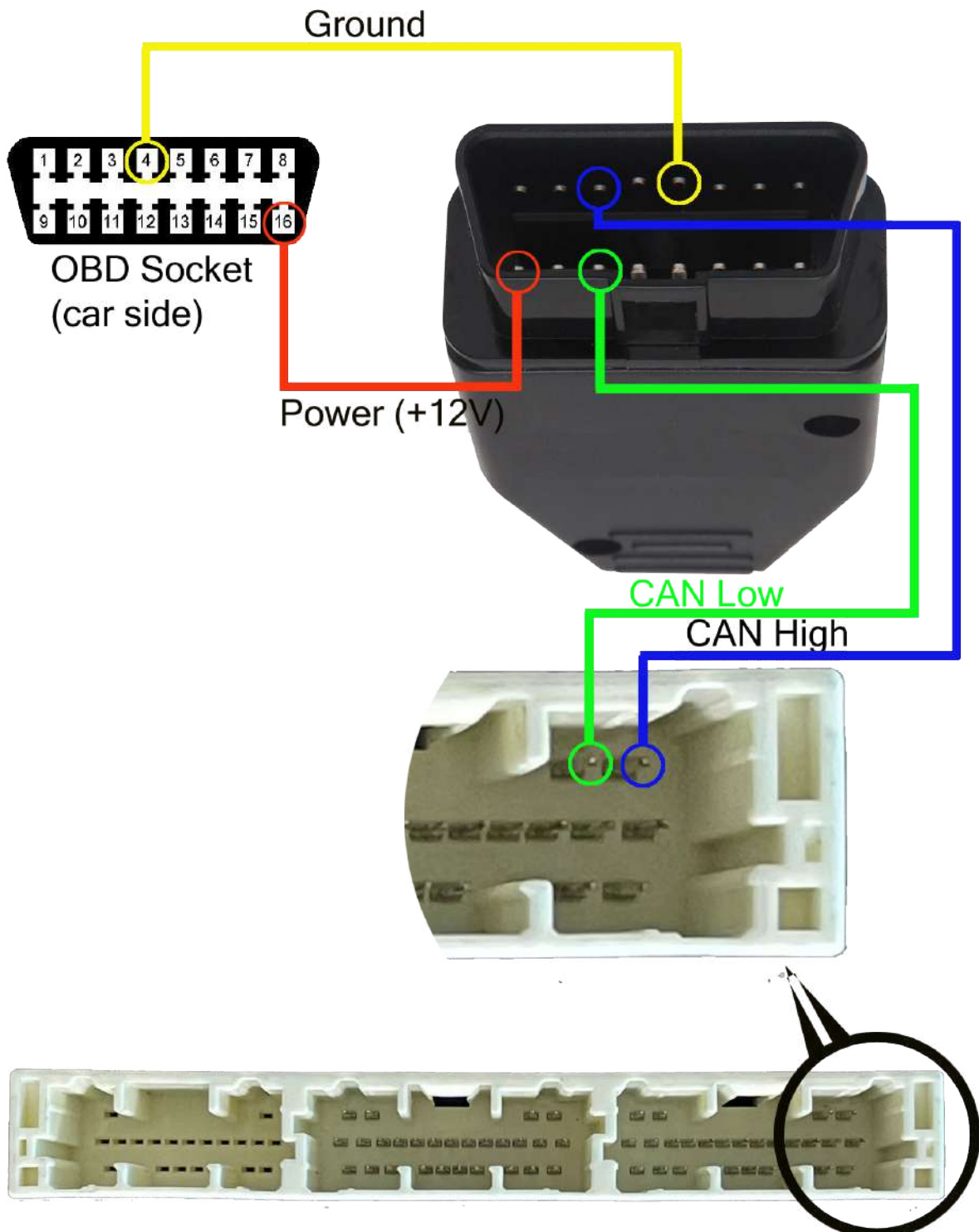
- Make the dummy key (emulator)
- Register new SmartKey(s)

Connection diagram

Although the procedure uses PassThru adapter and OBD protocols, for Toyota vehicles 2017+ it is required to connect directly to the Certification ECU (Smart Box) of the vehicle in order to obtain the keys data.

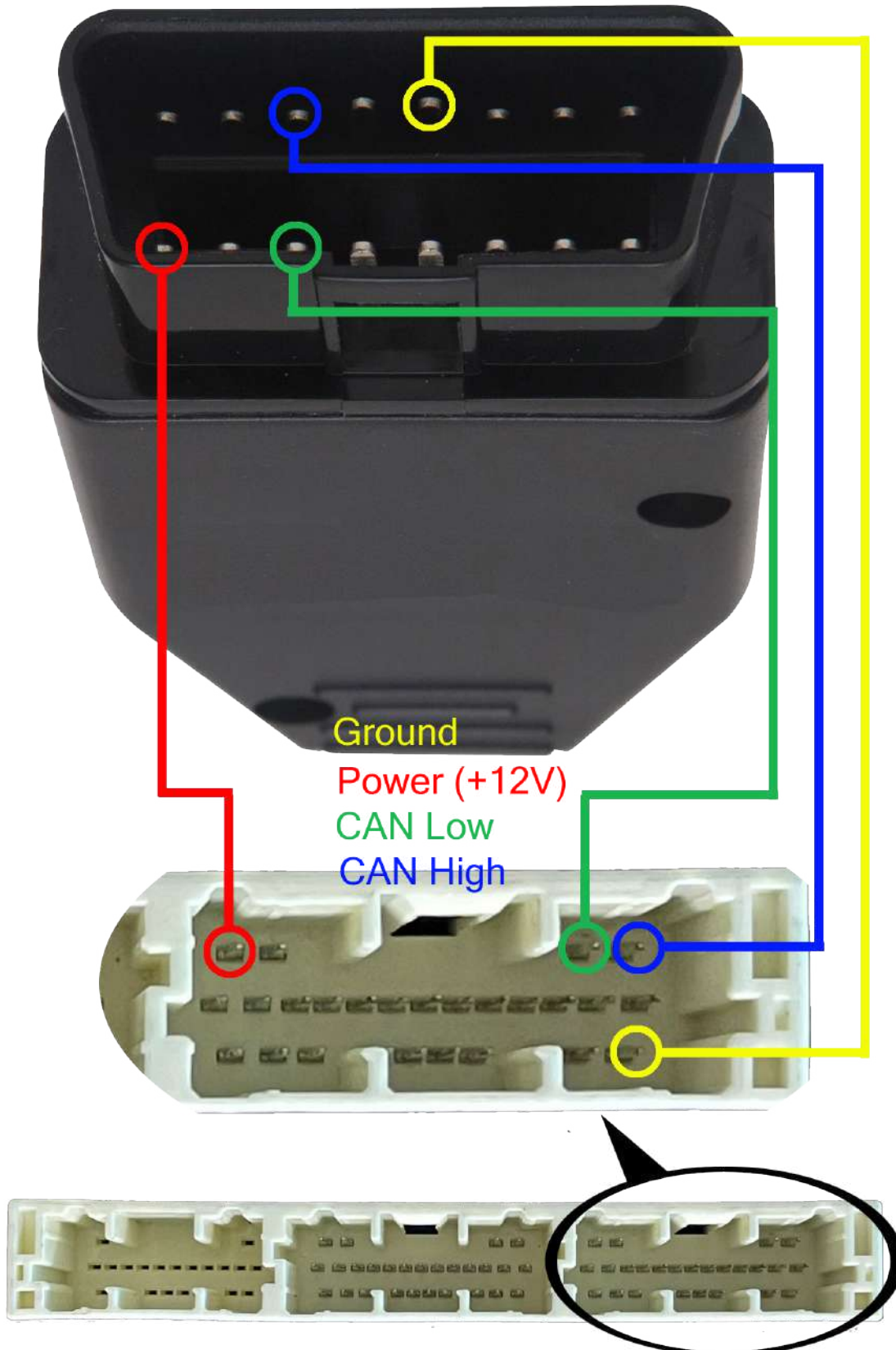
1. Connection in vehicle variant 1

NOTE: Don't remove the Smart Plug, connect to its CAN line!

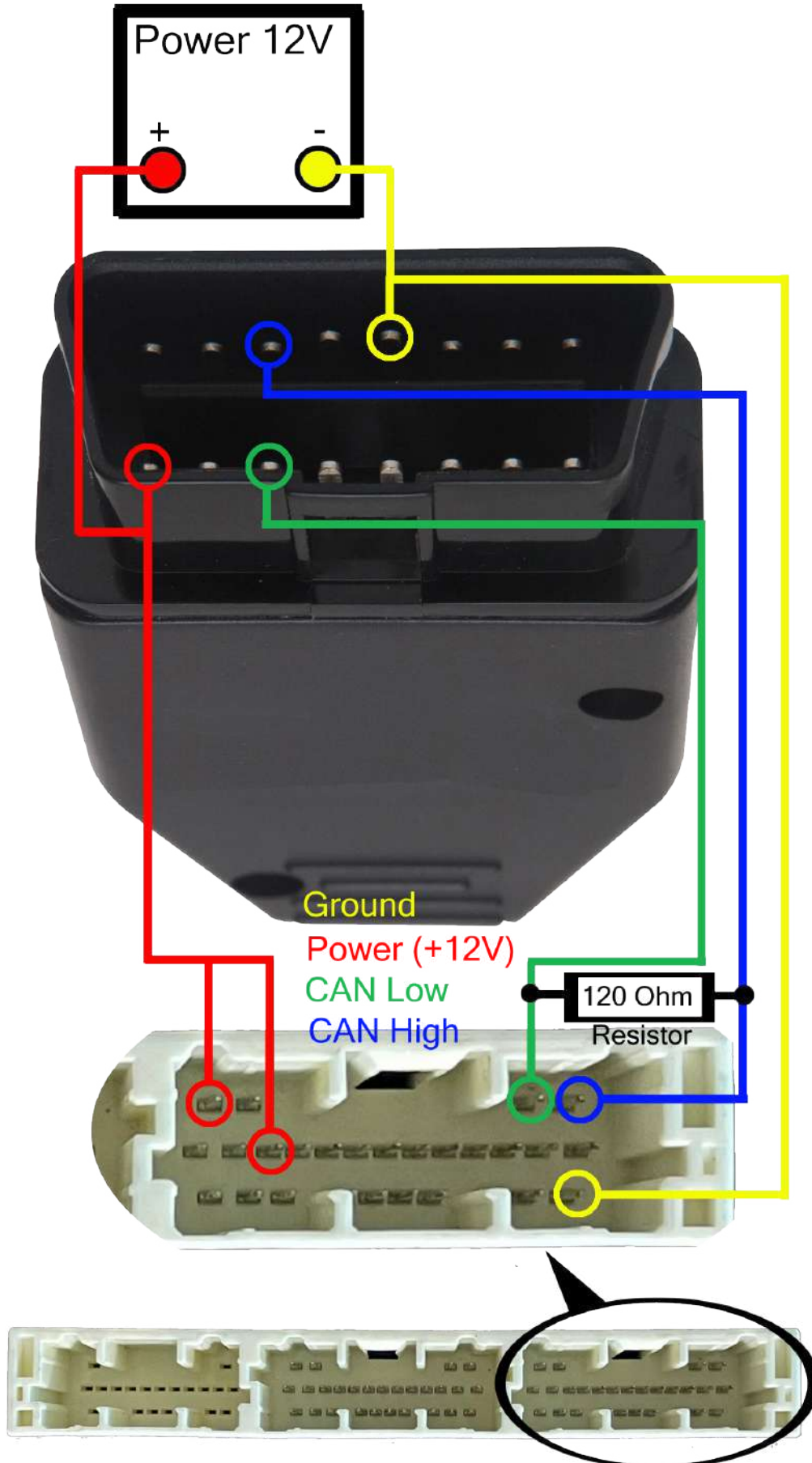


2. Connection in vehicle variant 2

NOTE: Don't remove the Smart Plug, connect to its CAN line/GND/BAT!



3. Connection on bench



Operating Procedure

1. Connect the Pass Thru adapter to the vehicle's Certification ECU and to a PC
2. Connect Tango to the PC
3. Run the Tango+ Toyota.exe (double click on the icon, or start from Tango main software)
4. Click the **Connect to Car** button
5. Press Read Data from Car
6. Select Key position (KEY No: KEY1/KEY2/etc..)
7. Place the SLK-0x Emulator in Tango coil (make sure it has a battery)
8. Press Write Emulator
9. Once emulator is written it can be used to authorize the standard diagnostic procedure for Key addition. For this purpose Techstream and other compatible diagnostic devices can be used.