FID 150: Kia/Hyundai Continental SIM2K-250/251/253/258 TC1782 2.5MB CAN BSL

Overview

Family for reading and writing in BSL Kia/Hyundai petrol vehicles with Continental SIM2K-250/251 ECUs.

Module: Kia/Hyundai Continental SIM2K-25x/26x

MCU: Infineon TC1782

Memory: Flash 2.5MB

FID allows reading and writing of calibration area in BSL mode. ECU needs to be opened. Checksum and CVN correction performs on writing.

BITS001 adapter or PowerBox for PCM is required for reading and writing!

Supporting features

Family supports:

- Calibration area and encrypted full flash backup file without EEPROM
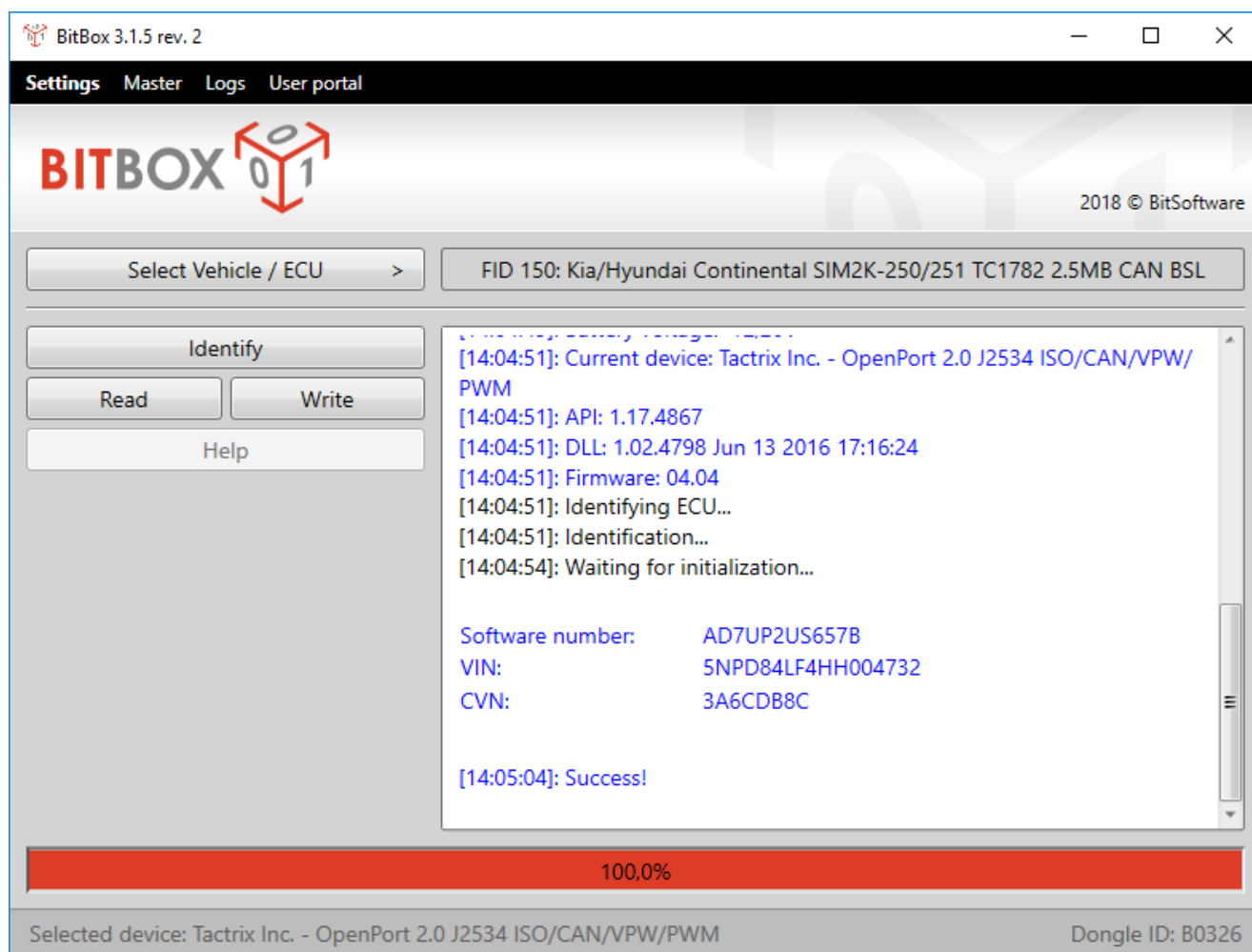- Writing calibration area with checksum and CVN correction

Identification

During identification you will get following info: software number, VIN and CVN.

Attention! Any incorrect actions with engine and transmission control units can lead to their failure . You are using BitBox software at your own risk.

Our team are not responsible for data loss, damages, loss of profits or any other kind of loss while using (or misusing) BitBox software.

Reading and writing

For reading and writing you must open ECU and use special adapter BITS001 with special connection. For Continental SIM2K-250 and SIM2K-258 use follow connection diagram:

+12 POWER
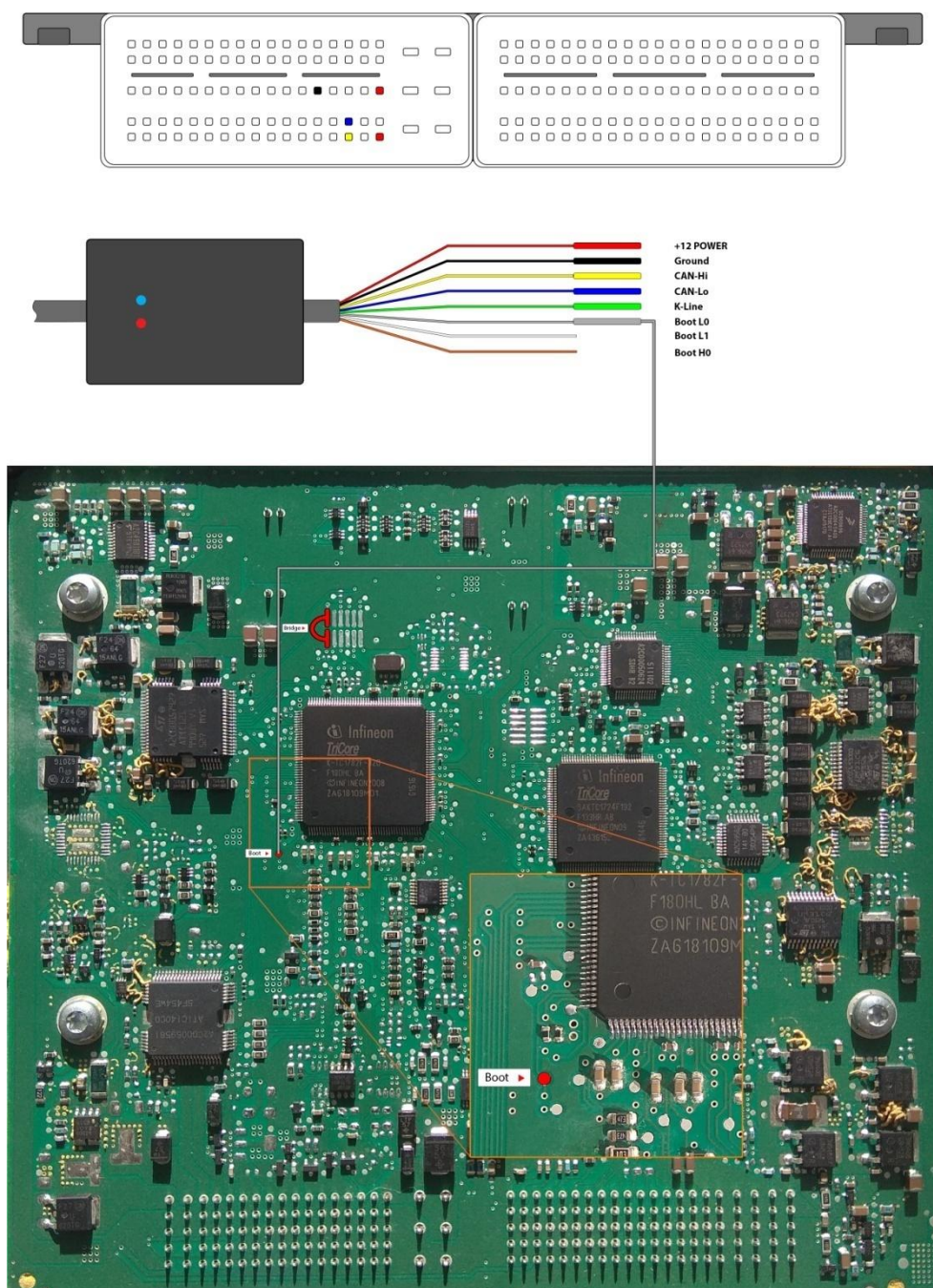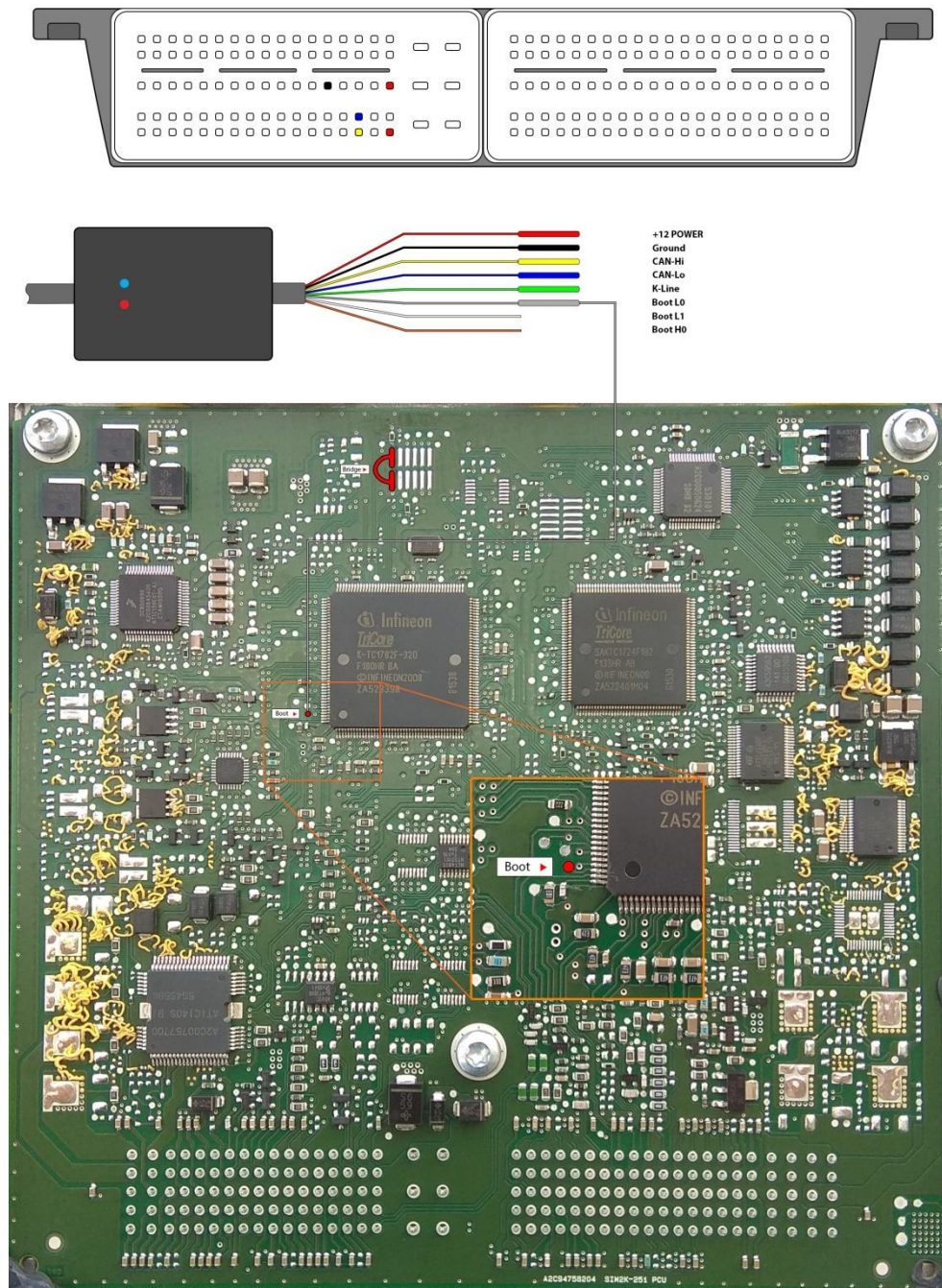Ground
CAN-Hi
CAN-Lo
K-Line
Boot L0
Boot L1
Boot H0

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For Continental SIM2K-251 use follow connection diagram:

+12 POWER
Ground
CAN-Hi
CAN-Lo
K-Line
Boot L0
Boot L1
Boot H0

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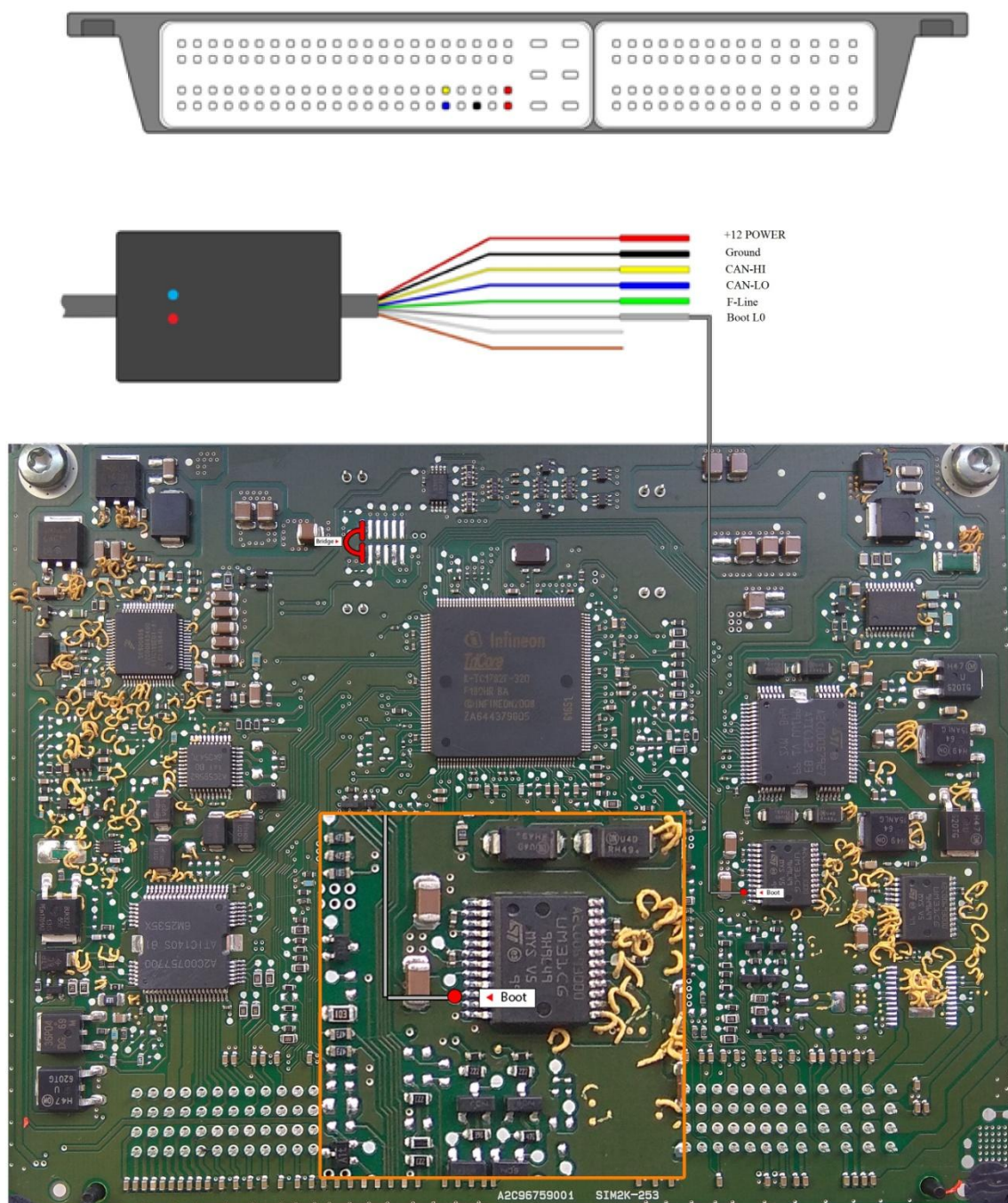For Continental SIM2K-253 use follow connection diagram:

+12 POWER
Ground
CAN-HI
CAN-LO
F-Line
Boot L0

Recovery

When you have problems during writing just start writing attempt again.