FIRSTECH FTI-STK1 Subaru WRX STD Key Instruction Manual

FIRSTECH FTI-STK1 Subaru WRX STD Key

Contents

FTI-STK1: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	IMMO	BCM	Clutch	I/O Changes
DL-SUB 9					Type			Green White/Blue
Subaru	WRX STD KEY A T	2022	Type 1	20-Pin	B	DSD	N/A	N/A
	(Canada)							

Covered vehicle use **BLADE-AL-SUB9** firmware and the following required accessories, Weblink Hub & ACC RFID1. Flash module, and update the controller firmware. **Please follow the directions for RFID programming before attempting to program the BLADE module to the vehicle.**

CAN: Type 1 CAN connections are made using the 20-Pin BCM adapter and require connecting the white 2-pin connectors at marker [D] of the illustration.

Immobilizer: Type B IMMO requires connecting the black and white 2-pin connectors at marker [C] of the illustration.

Lights: Parking lights are pre-wired in the FTI-STK1 harness. Replace the green/white wire of the CM I/O connector with the pre-terminated green/white wire of the harness.

ACC-RFID1 (REQUIRED): SUB9 firmware does not provide immobilizer data, an ACC-RFID1 is therefore required for remote start.

2nd START: The FTI-STK1 harness is pre-wired with a red/white 2nd START output (not required in TYPE 1), cut and insulate the provided wire to prevent short circuits when not used.

I/O Changes: None required

Advisory 1: Program ACC-RFID1 before attempting to program the BLADE module to the vehicle.
Advisory 2: Secure all 2-pin connections, both used and unused, to the main harness body.

FTI-STK1: Installation and Configuration Notes

A. REQUIRED ACCESSORY
B. ADAPTER REQUIRED
C. REQUIRED CONFIGURATION (TYPE B IMMO)
D. NO CONNECTION
E. NO CONNECTION

- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

Parking Light	☐ ☐	☐	[+]Door Trigger In	
Accessory	☐ ☐	▣	[−]Door Trigger In [Default]	
Ignition [Default]	▣ ▣	☐		

Trunk	☐ ☐	☐ ☐	Starter	
Starter	☐ ☐	☐ ☐	Ignition	
Parking Light [Default]	▣ ▣	▣ ▣	Accessory [Default]	

Cut loop for A/T

CM7000/7200

CMX

CM-X

CM900AS/900S Jumper

START ACC IGN1

FEATURE COVERAGE

IMMOBILIZER DATA	⬤
ARM OEM ALARM	⬤
DISARM OEM ALARM	⬤
DOOR LOCK	⬤
DOOR UNLOCK	⬤
PRIORITY UNLOCK	⬤
TRUNK/HATCH RELEASE	⬤
TACH OUTPUT	⬤
DOOR STATUS	⬤
TRUNK STATUS	⬤
BRAKE STATUS	⬤
E-BRAKE STATUS	⬤
A/M ALRM CONTROL FROM OEM REMOTE	⬤
A/M RS CONTROL FROM OEM REMOTE	⬤
AUTOLIGHT CTRL	⬤

FTI-STK1 – AL-SUB9 – Type 1 2022 Subaru WRX STD KEY AT (CA)

Notice:

Notice:

Ground Connection Required
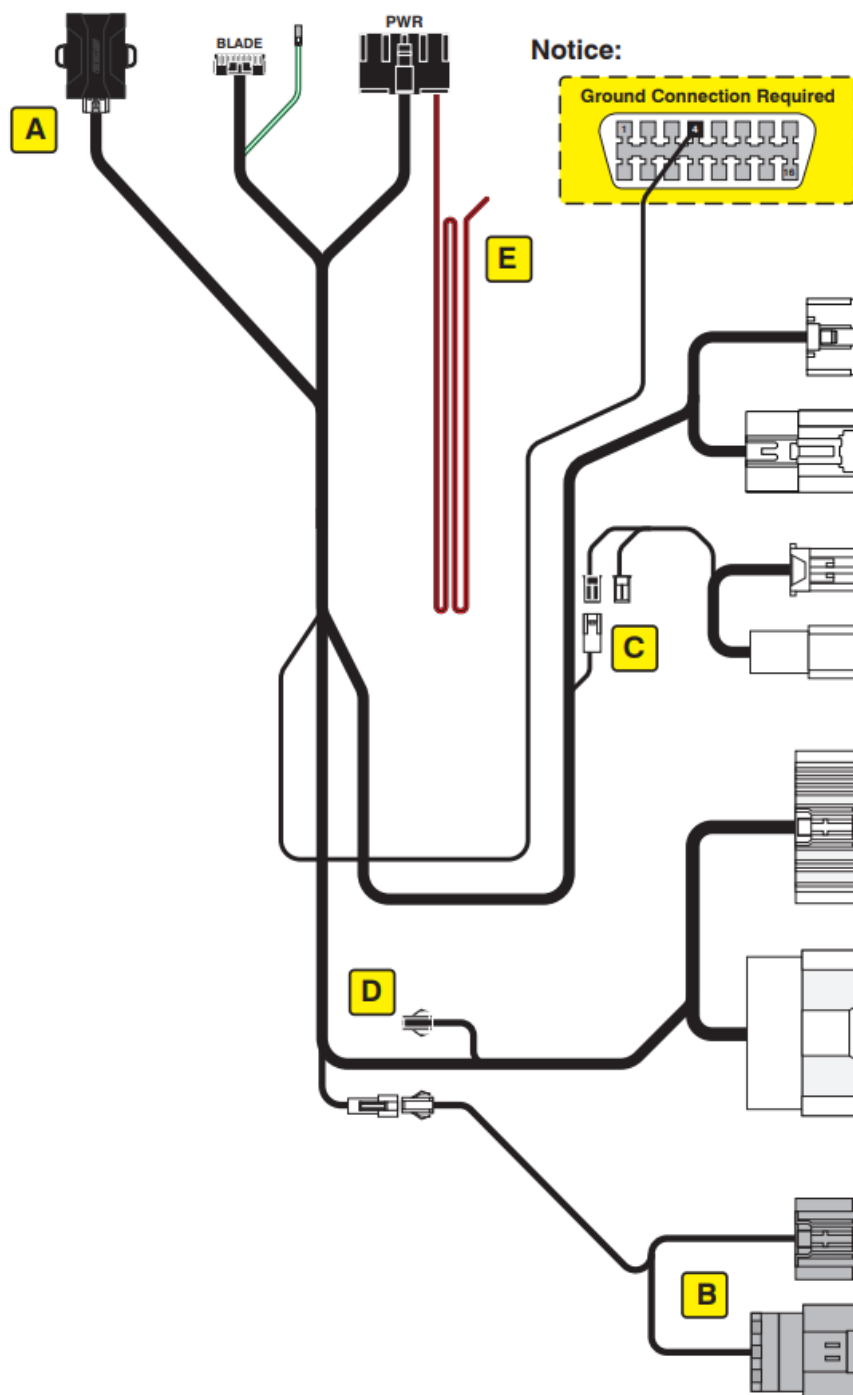
LED Programming Error Codes

Module LED flashing RED during programming

1x RED = Unable to communicate with RFID or immobilizer data.

2x RED = No CAN activity. Check the CAN wire connections.

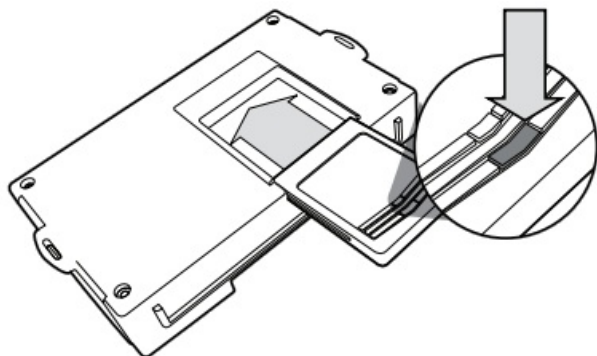3x RED = No ignition detected. Check the ignition wire connection and CAN.

4x RED = Required ignition output diode not detected.

Ignition Switch Assembly ❶

BCM/Fuse Box ❷

WHITE

20
40   21

BCM/FUSEBOX
DRIVER SIDE DASH

GRAY

10   1
20   11

REAR VIEW
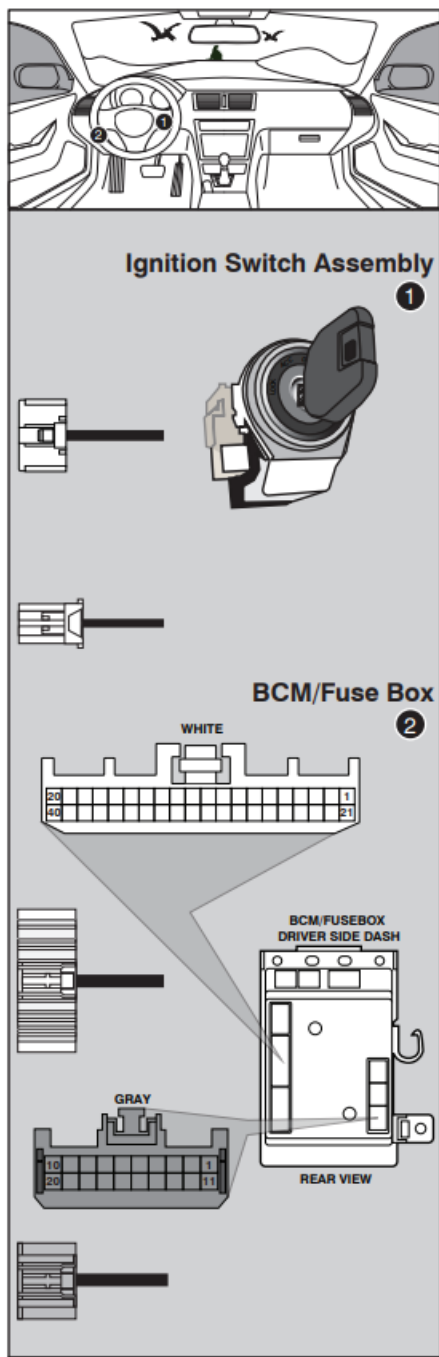
INSTALL GUIDE

CARTRIDGE INSTALLATION

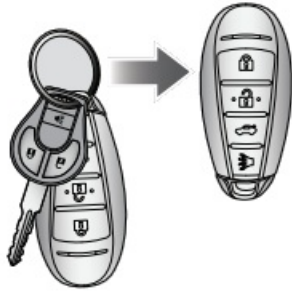1. Slide cartridge into unit. Notice button under LED.

2. Ready for Module Programming Procedure.

MODULE PROGRAMING PROCEDURE

1. For this installation, the Weblink HUB is required.

2. Remove OEM key 1 from keychain.

    ! Place all other key fobs at least 1 foot away from the Weblink HUB. Failure to comply may result in damage to other key fobs or interfere with the key fob reading process.
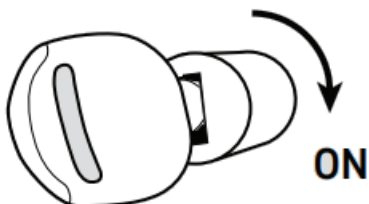
3. Flash the module using the Weblink HUB. Follow the on screen instructions to complete the key fob reading process.
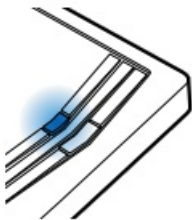
4. **WARNING:** Do not press the module programming button. Connect power first. Connect module to vehicle.
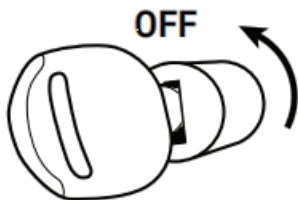
5. Using OEM key 1, turn key to ON position.

6. Wait, LED will turn solid BLUE for 2 seconds.
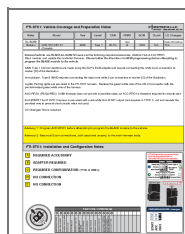
7. Turn key to OFF position.

8. Module Programming Procedure completed.

Documents / Resources

FIRSTECH FTI-STK1 Subaru WRX STD Key [pdf] Instruction Manual
FTI-STK1 Subaru WRX STD Key, FTI-STK1, Subaru WRX STD Key, WRX STD Key, STD Key, Key

References

- ⓘ **iDatalink - Home**
- **User Manual**