



FIRSTECH FTI-STK1 Vehicle Coverage Instruction Manual

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FIRSTECH FTI-STK1 Vehicle Coverage



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FTI-STK1: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	IMMO	BCM	Clutch	I/O Changes
DL-SUB9					Type			Green White/Blue
Subaru	Ascent STD KEY AT	2019-22	Type 2	40-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 2 CAN connections are made using the 40-Pin BCM connector and require connecting the white 2-pin

female connector to the black male 2-pin connector 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 2), 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.

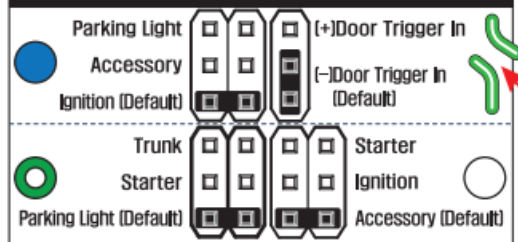
Advisory 2: Secure all 2-pin connections, both used and unused, to the main harness body.

FTI-STK1: Installation and Configuration Notes

- A. REQUIRED ACCESSORY**
- B. ADAPTER NOT REQUIRED**
- C. REQUIRED CONFIGURATION (TYPE B IMMO)**
- D. REQUIRED CONNECTION**
- E. NO CONNECTION**

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

Jumper Setting



CM7000/7200



Cut loop for A/T

CMX


















CM900AS/900S Jumper



START
ACC
IGN1

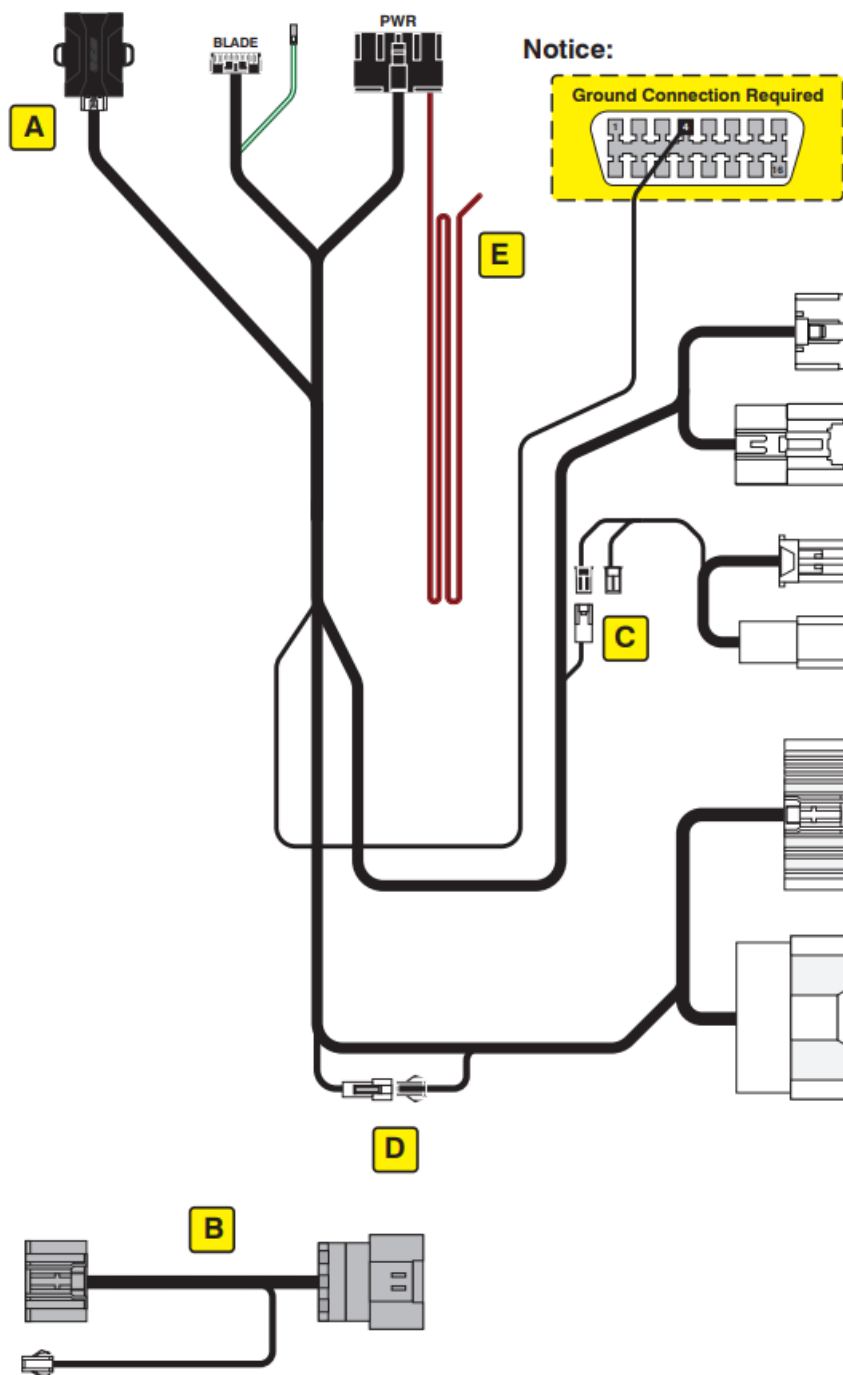


FEATURE COVERAGE

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	
A/M RS CONTROL FROM OEM REMOTE	

FTI-STK1 – AL-SUB9 – Type 2 2019-22 Subaru Ascent STD KEY AT (CA)

Notice:



LED Programming Error Codes

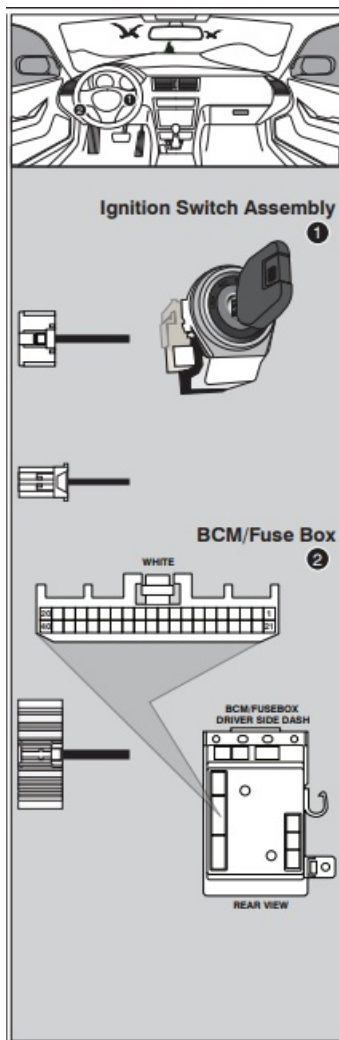
Module LED flashing RED during programming

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.

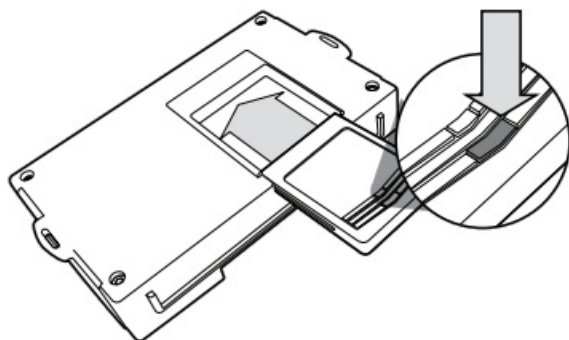
4x RED = Required ignition output diode not detected.



INSTALL GUIDE

CATRIDGE INSTALLATION

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




2. Ready for Module Programming Procedure.

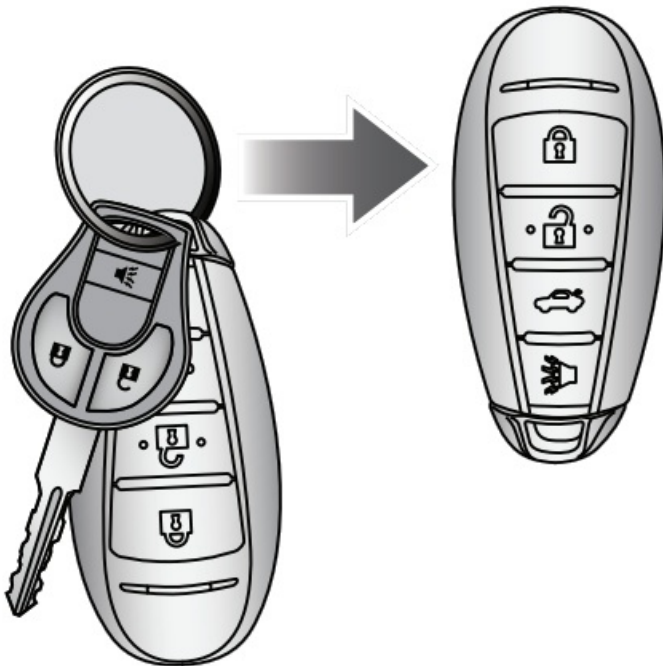
MODULE PAROGRAMING PROCEDURE

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

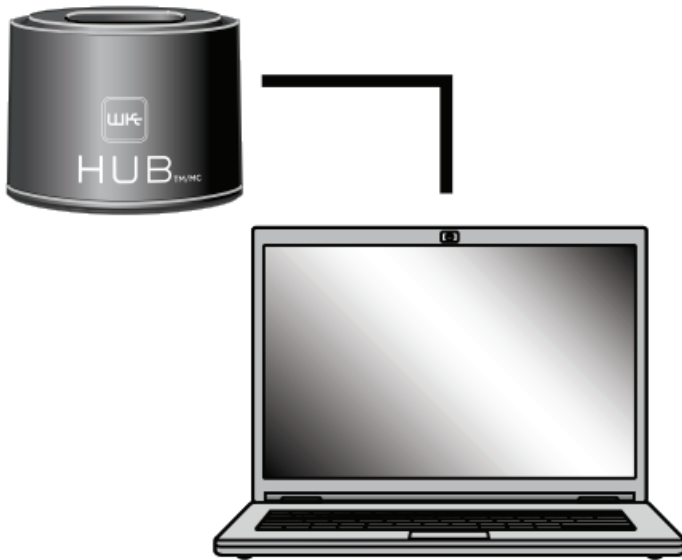


2. Remove OEM key 1 from keychain.

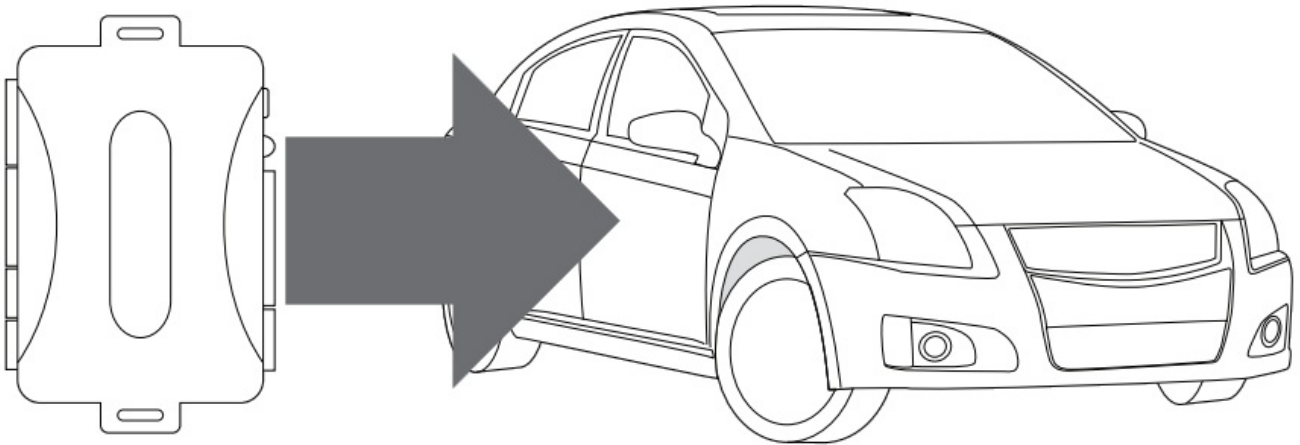
 Place all other key fobs at least 1 foot away from the Weblink HUB. Failure to comply may result in damage to other key fobs or interfere with the key fob reading process.



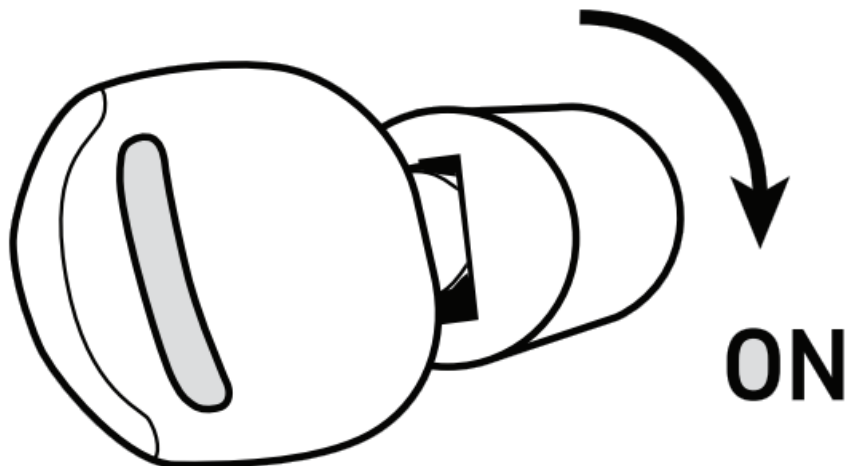
3. Flash the module using the Weblink HUB. Follow the on screen instructions to complete the key fob reading process.



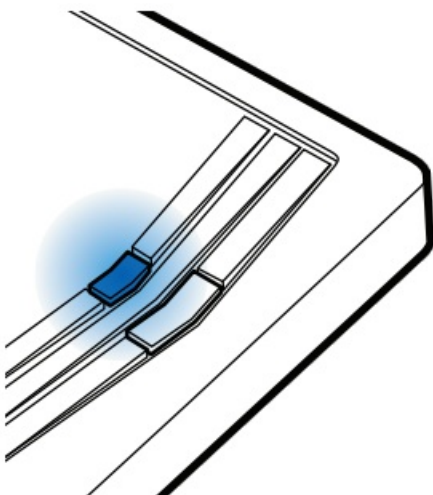
4. **WARNING:** Do not press the module programming button. Connect power first. Connect module to vehicle.



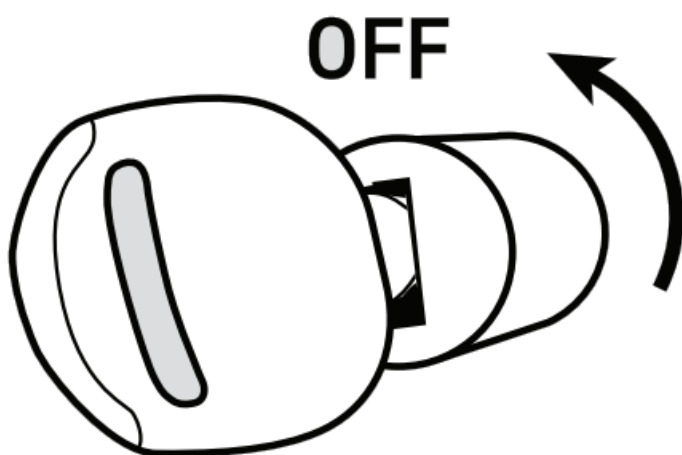
5. Using OEM key 1, turn key to ON position.



6. Wait, LED will turn solid BLUE for 2 seconds.



7. Turn key to OFF position.

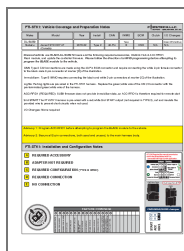


8. Module Programming Procedure completed.

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Documents / Resources



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FTI-STK1 Vehicle Coverage, FTI-STK1, Vehicle Coverage, Coverage

References

- [iDatalink - Home](#)

- [User Manual](#)

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