



FTI-STK1 Firstech FTI T Harness Instruction Manual

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FTI-STK1 Firstech FTI T Harness



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 6 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 A IMMO requires connecting the white male and female 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
- Clutch (2nd START): The FTI-STK1 harness is pre-wired with a red/black 2nd START output (required in TYPE 6), extend the provided wire to the lt. green wire in position 7 of the white 10-pin connector of the clutch position switch, located on the clutch pedal. Make the configuration changes listed below to provide the appropriate output. Secure as needed to prevent short circuits.

I/O Changes

- CM7: Jumper 3 moved to STARTER position
- CMX: HCP #1, setting [2] (2nd START)

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 NOT REQUIRED
- C REQUIRED CONFIGURATION (TYPE A IMMO)
- D REQUIRED CONNECTION
- E REQUIRED CONNECTION



FEATURE COVERAGE																
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 ALARM CONTROL FROM OEM REMOTE	A/M RS CONTROL FROM OEM REMOTE	AUTOLIGHT CTRL		

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

Jumper Setting

Parking Light

Accessory

Ignition (Default)

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(+)Door Trigger In

(-)Door Trigger In (Default)

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Trunk

Starter

Parking Light (Default)

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Starter

Ignition

Accessory (Default)

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CM7000/7200

Do not cut for M/T

CMX

CMX High Current Programmable (+) Output Channels

HCP #1 - Parking Light

HCP #2 - Accessory

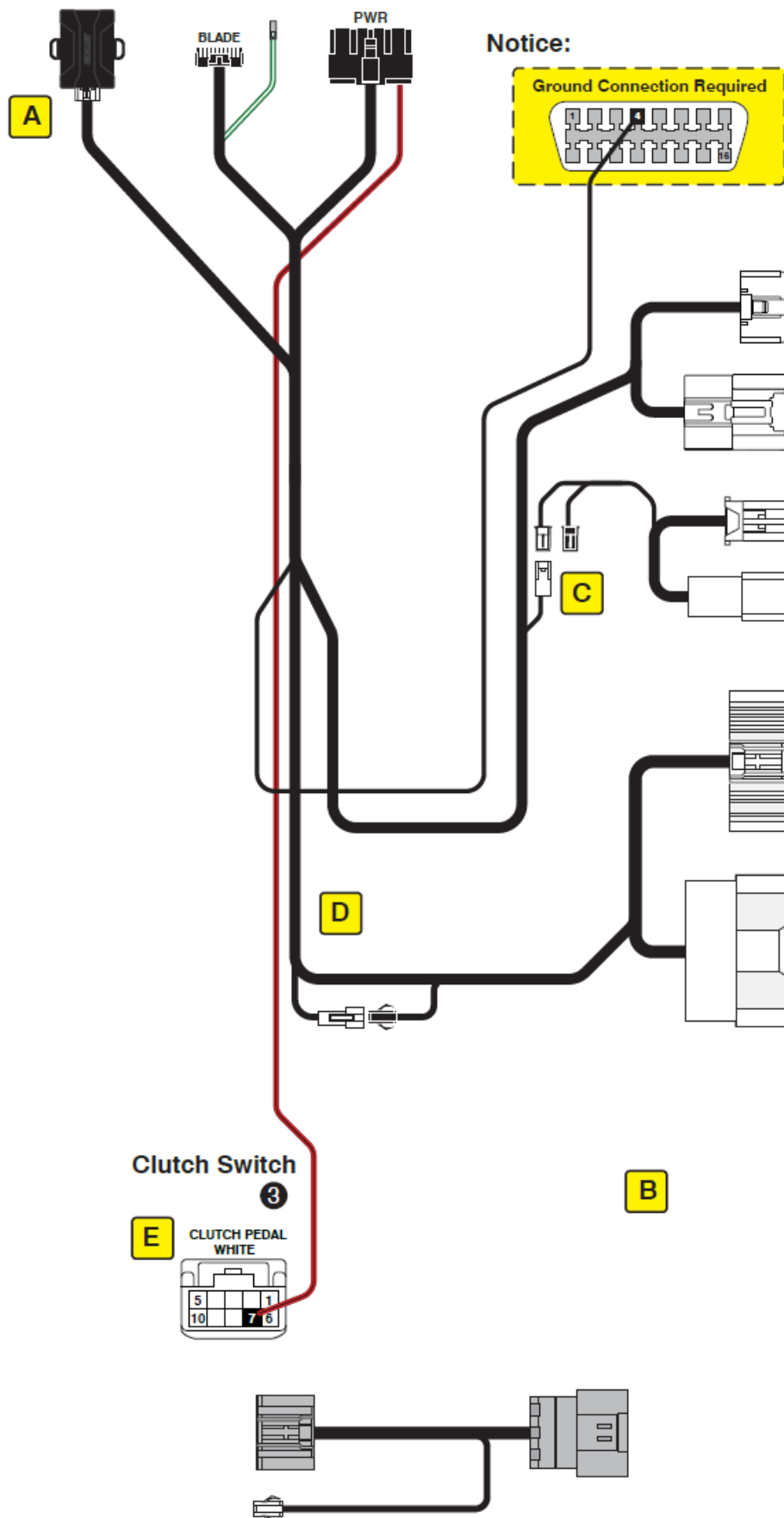
HCP #3 - Ignition

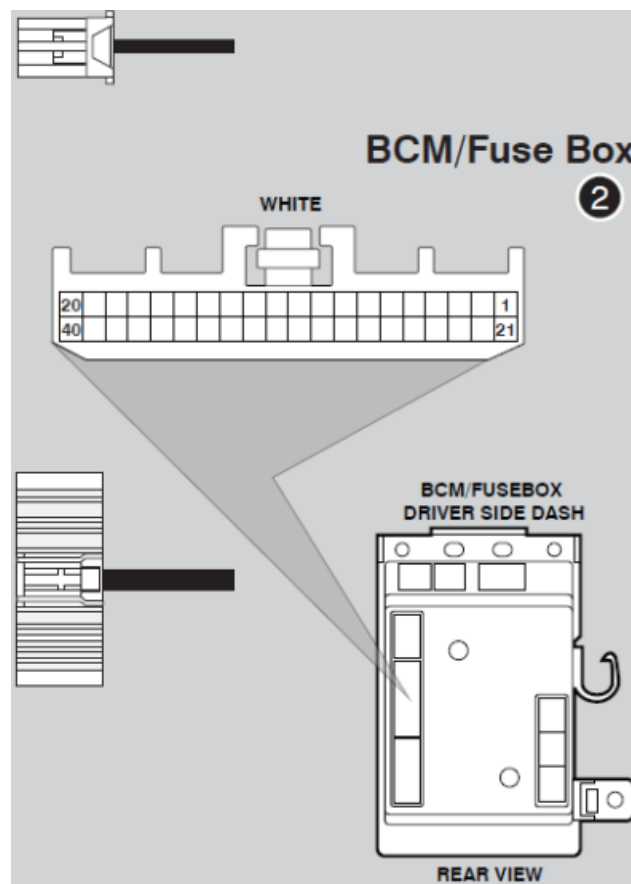
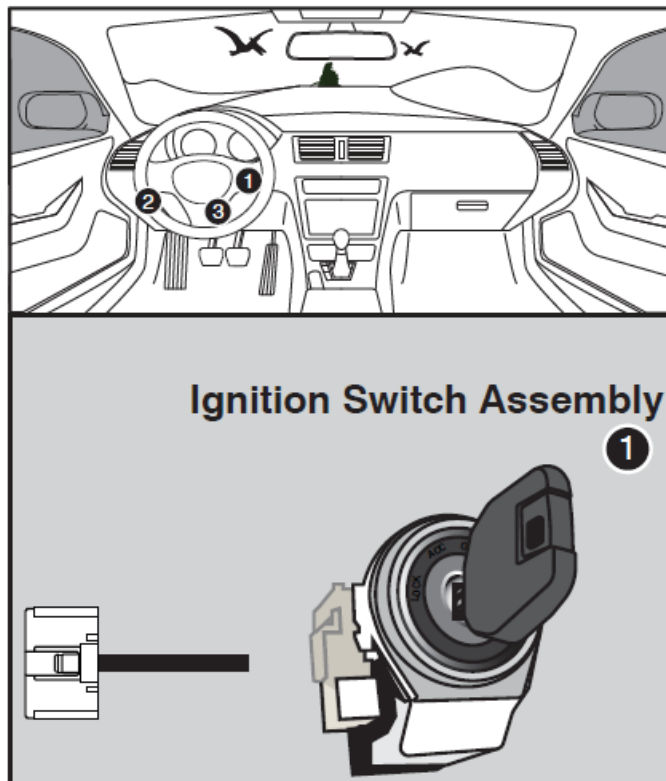
[2] 2ND START

[3] 2ND IGNITION

[4] 2ND ACCESSORY





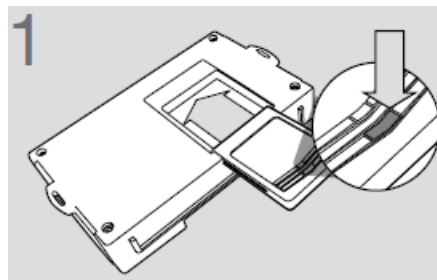


LED Programming Error Codes

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.

CARTRIDGE INSTALLATION

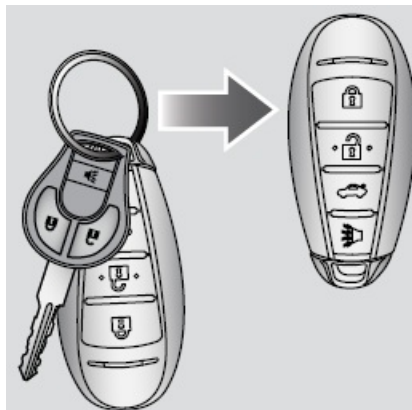


1. Slide cartridge into unit. Notice button under LED.
2. Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

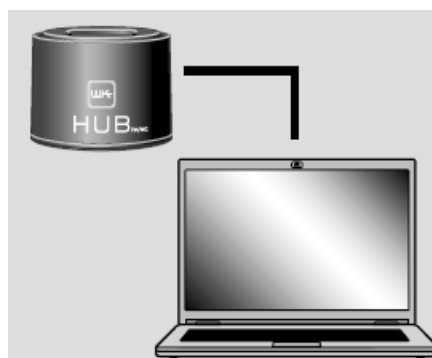


1. For this installation, the Weblink HUB is required.

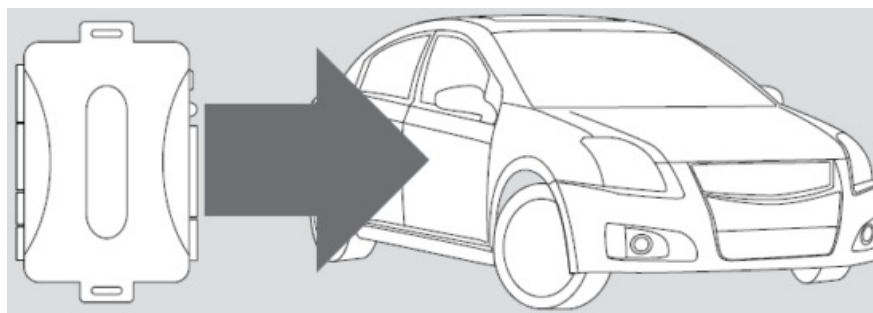


2. Remove OEM key 1 from key chain.

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



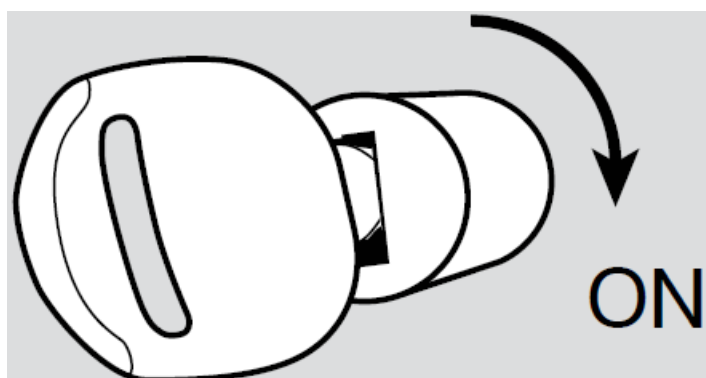
3. Flash the module using the Weblink HUB. Follow the on screen instructions to complete the keyfob reading process.



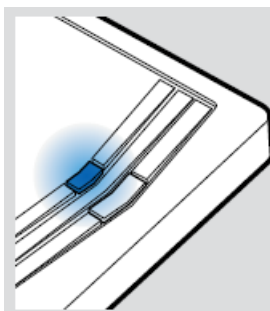
4. **WARNING:**

Do not press the module programming button.

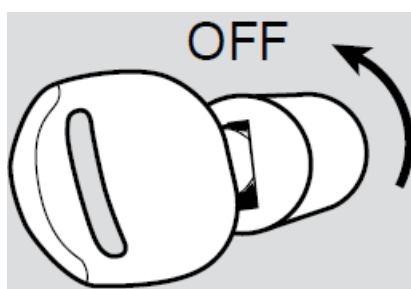
Connect power first. Connect module to vehicle.



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



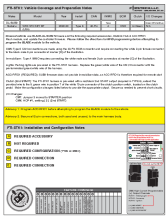
6. Wait, LED will turn solid BLUE for 2 seconds



7. Turn key to OFF position.
8. Module Programming Procedure completed.

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Documents / Resources



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FTI-STK1 Firsttech FTI T Harness, FTI-STK1, Firsttech FTI T Harness, FTI T Harness, Harness

References

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