# FTI-TLK80: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

| Make | Model | Year | Install/ Adapter | CAN | Lights | SIL | Locks | I/O Changes |
|---|---|---|---|---|---|---|---|---|
| **DL-TL5** | | | | | **Park / Auto** | | | **Green White/Blue** |
| Scion | xD 80 bit STD Key AT | 2011-14 | Type 2 Type B | OBD-II | 4 / No | N/A | N/A | START 2 |

**Type 2** installation requires **BLADE-AL(DL)-TL5**, flash module and update controller firmware before beginning the installation.

**Ignition Adapter:** This installation requires using the **Type B** ignition adapter, using any other adapter will result in malfunction and possible vehicle damage.

**CAN:** Vehicle CAN data is gathered from the OBD-II connector, proper configuration of the harness CAN selection jumpers is also required. Configure as illustrated, using the **white** 2-pin connector.

**Parking Lights:** Park light and auto-light control are handled using the pre-terminated **green**/**white** wire bundled with the BLADE connector. Remove the (-) pk light wire from the controller's gray I/O connector and replace it with the one specified, for status and diagnostic reporting.

**Door Locks:** Connections vary by vehicle equipment and trim level, refer to wiring diagram for specific connections. Make no alternate connections, and secure all unused wires for safety.

**I/O Changes:** If indicated above, change the controller output from **Parking Light** to **START**:
- CM7 controllers - move jumper 3 to STARTER position
- CMX controllers - change HCP #1 to 2ND START (setting 2)
- CM900 controllers - set feature option 1-6 to 2.

***If issues arise disarming the OEM alarm during remote start, set option 1-01 to 2.***

**Vehicles not equipped with Immobilizer:** Connect black jumper to the white 2-pin connector marked **NO IMMO** before programming the module to the vehicle.

# FTI-TLK80: Installation and Configuration Notes

**A** **REQUIRED CONNECTOR - ADAPTER B**

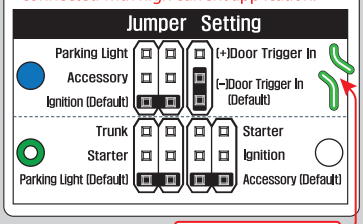
**B** **REQUIRED CONFIGURATION - OBD-II**

**C** **REQUIRED CONFIGURATION**

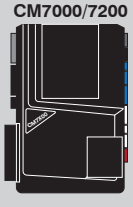
**D** **REQUIRED CONFIGURATION**

**E** **NO CONNECTION**

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

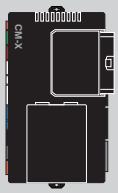



CM7000/7200



Cut loop for A/T

CMX



**CMX High Current Programmable (+) Output Channels**

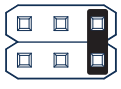
**HCP #1 - Parking Light (Default)**
HCP #2 - Accessory (Default)
HCP #3 - Ignition (Default)

**[ 2 ] 2ND START**
[ 3 ] 2ND IGNITION
[ 4 ] 2ND ACCESSORY

## FEATURE COVERAGE

| IMMOBILIZER DATA | A/M RS CONTROL FROM OEM REMOTE | A/M ALARM CTRL FROM OEM REMOTE | ARM OEM ALARM | DOOR LOCK | DOOR UNLOCK | PWR SLIDING DOOR (LEFT) | PWR SLIDING DOOR (RIGHT) | TRUNK/HATCH RELEASE | TACH OUTPUT | BRAKE STATUS | E-BRAKE STATUS | DOOR STATUS | TRUNK STATUS | HOOD STATUS | PARKING LIGHTS | AUTOLIGHT CONTROL | SIL/TPMS CIRCUIT INTERRUPT | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ○ | ○ | ○ | ○ | ○ | ○ | | | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | | | |

**CM900AS/900S Jumper**



CM-900S/900AS

# FTI-TLK80 - DL-TL5 - Type 2 2011-14 Scion xD 80 bit STD Key AT

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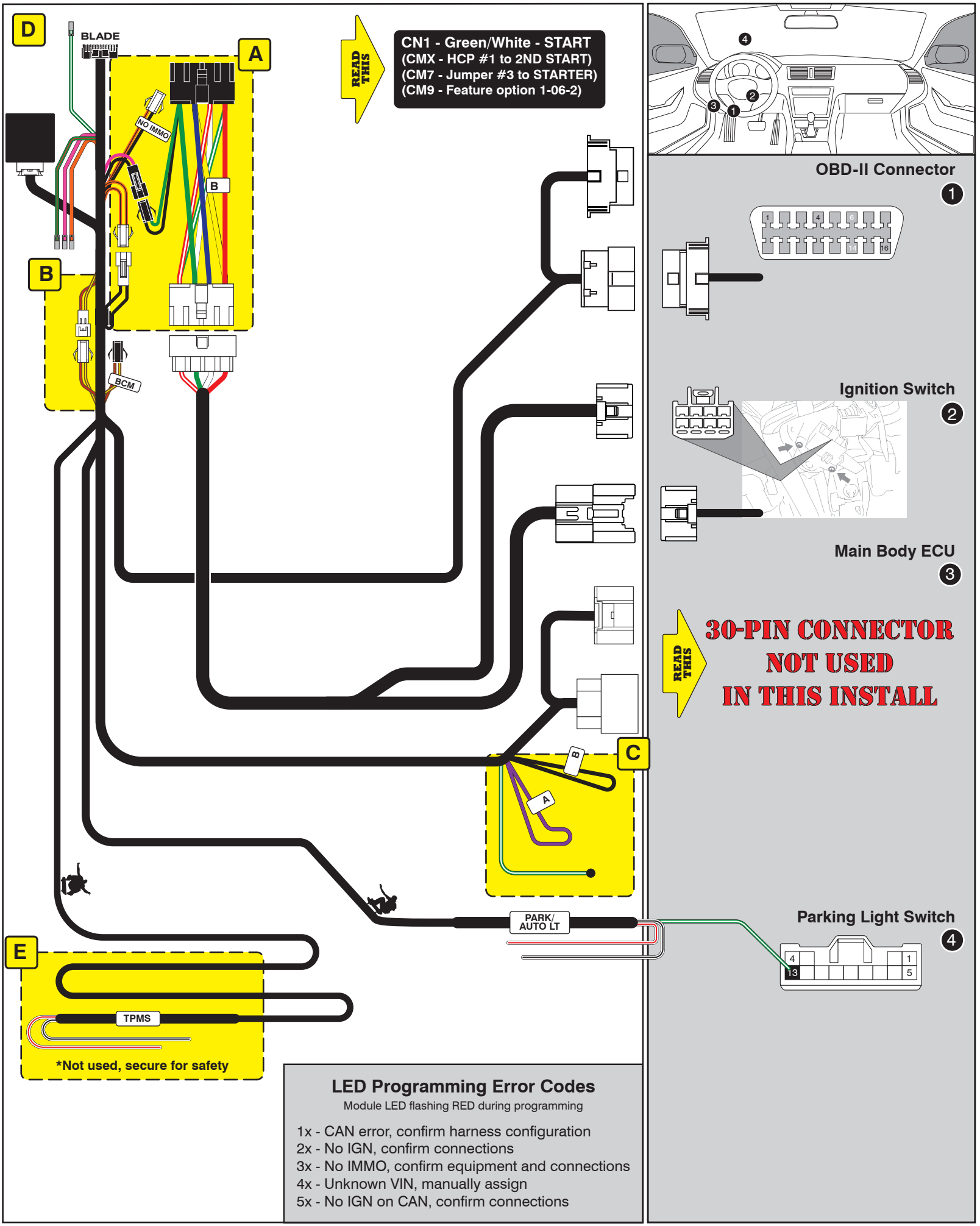






**OBD-II Connector** 1




**Ignition Switch** 2



**Main Body ECU** 3

READ THIS

**30-PIN CONNECTOR NOT USED IN THIS INSTALL**

**Parking Light Switch** 4

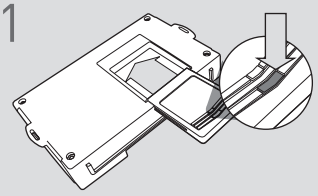



## LED Programming Error Codes

Module LED flashing RED during programming

1x - CAN error, confirm harness configuration
2x - No IGN, confirm connections
3x - No IMMO, confirm equipment and connections
4x - Unknown VIN, manually assign
5x - No IGN on CAN, confirm connections

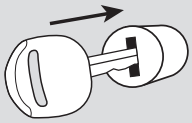
## CARTRIDGE INSTALLATION

1 

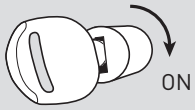
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

## MODULE PROGRAMMING PROCEDURE

1 

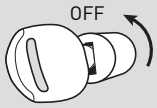
Insert key into ignition.

2 


Turn key to ON position.

3

Wait, LED will turn solid BLUE for 2 seconds.

4 


Turn key to OFF position.

5 Module Programming Procedure completed.



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