FTI-TLK80: Vehicle Coverage and Preparation Notes

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

Make	Model	Year	Adapter/ RDA	CAN	Lights	TPMS	Trunk	I/O Changes
DL-TL9					**Park / Auto**			**Green White/Blue**
Toyota	Sequoia 80 bit H Key	2015-17	Type B violet (12)	OBD-II	Direct	GBX/10	BECU/26	NONE

Type 5 installation requires **BLADE-AL(DL)-TL9**, flash module and update controller firmware before beginning the installation.

Ignition Adapter: Each installation in this firmware group requires the use of a specific adapter, use only the adapter listed above and illustrated on the next page, using any other adapter will result in malfunction and possible vehicle damage.

CAN: Vehicle CAN data can be gathered from either the OBD-II connector or the BCM 30-pin connector, proper configuration of the harness CAN selection jumpers is required. Configure as illustrated on the following page.

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 (RDA): Type 5 installation requires making a hardwired RDA connection to the **red (pin #26, 26-pin connector)** at the main body ECU, configure as illustrated on the next page.b Make no alternate connections, and secure all unused wires for safety.

Trunk/**Hatch:** Trunk/hatch control is optional and requires additional wiring if feature control is desired. Connect as illustrated.

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 you encounter issues successfully disarming the OEM alarm during remote start, set option 1-01 to 2.

FTI-TLK80: Installation and Configuration Notes

A REQUIRED CONNECTION

B REQUIRED ADAPTER

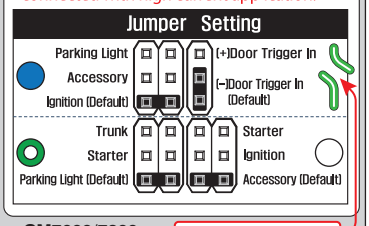
C REQUIRED CONNECTIONS

D REQUIRED CONNECTION

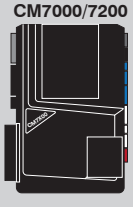
E REQUIRED CONNECTION

F OPTIONAL CONNECTION

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

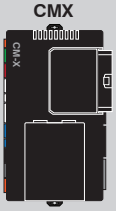


CM7000/7200

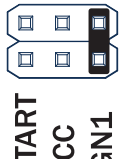


Cut loop for A/T

CMX



CM900AS/900S Jumper



FEATURE COVERAGE

IMMOBILIZER DATA	PARKING LIGHTS	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PWR SLIDING DOOR (LEFT)	PWR SLIDING DOOR (RIGHT)	TRUNK/HATCH RELEASE	POWER SLIDING DOOR (R)	DOOR STATUS	TRUNK STATUS	HOOD STATUS	TACH OUTPUT	BRAKE STATUS	E-BRAKE STATUS	A/M ALARM CTRL FROM OEM REMOTE	A/M RS CONTROL FROM OEM REMOTE	SECURE TAKEOVER	AUTO-LIGHT CONTROL	3X LOCK REMOTE START FROM OEM	DISCO BALL
○	○	○	○	○	○			○	○	○	○	○	○	○	○	○	○	○	○	○	○

FTI-TLK80 - DL-TL9 - Type 5 2015-17 Toyota Sequoia 80 bit STD Key (H)

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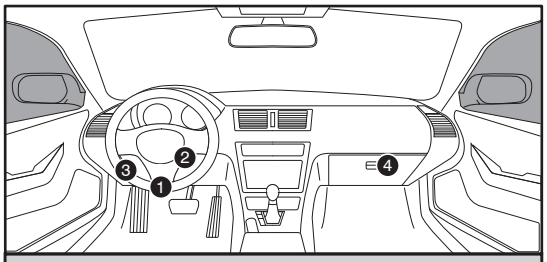
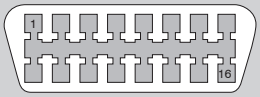
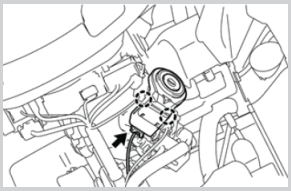


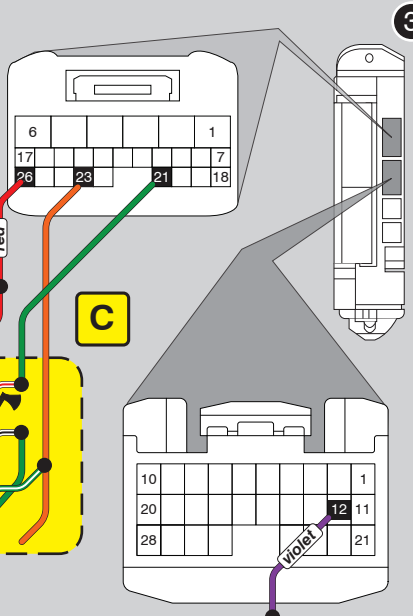
OBD-II Connector 1



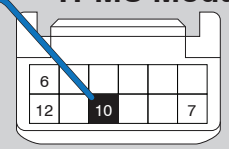
Ignition Switch 2

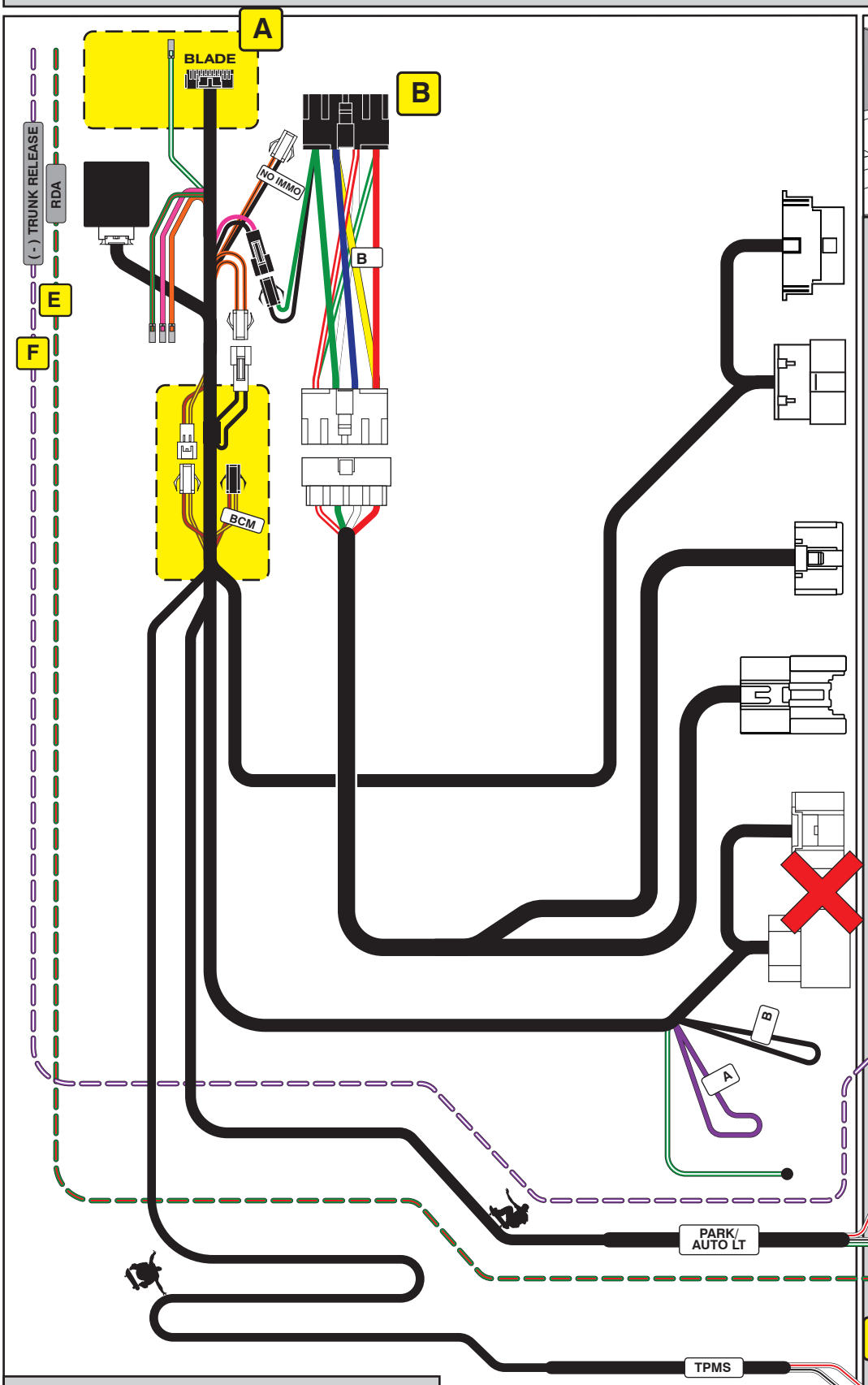


Main Body ECU 3



TPMS Module 4



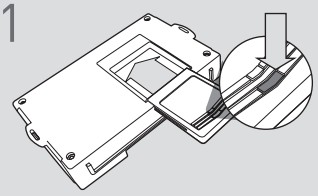


LED Programming Error Codes

Module LED flashing RED during programming

1x - Can error, confirm connections
2x - No IGN, check connections & adapter
3x - No IMMO, confirm connections and equipment trim level
4x - VIN error, contact engineering

CARTRIDGE INSTALLATION

1 

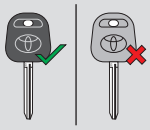
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

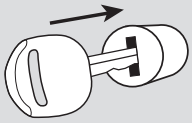
MODULE PROGRAMMING PROCEDURE

NOTE

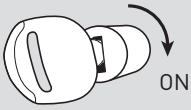
I IMPORTANT: The hood must be closed.

1 

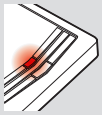
Use the BLACK key only.
DO NOT use the GRAY valet key.

2 

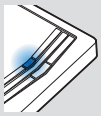
Insert key into ignition.

3 

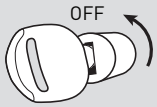
Turn key to ON position.

4 

LED will turn solid RED.

5 

Wait, LED will turn solid BLUE for 2 seconds.

6 

Turn key to OFF position.

7 Module Programming Procedure completed.

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