FTI-TLK2: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	IMI/IMO	TPMS	I/O Changes
DL-TL9 Toyota	Camry STD Key (H)	2021-22	Type 5	ECU	**Park / Auto** DATA	SIL* OBD 7/16	35/36	**Green White/Blue** N/A

This install requires **BLADE-AL(DL)-TL9** firmware, flash module and update the controller before beginnning the installation.

CAN: CAN data connections are handled through connections at the ECU, no other connections are required.

SIL (immobilizer): SIL data connection is made at the OBD-II connector, using the pre-terminated **orange**/**black** wire included with this kit. Additional modification of the harness BLADE connector is required, remove the existing orange/black wire from the harness BLADE connector, replace it with the pre-terminated wire, then connect to the **blue** SIL data wire located at pin #7 of the vehicle OBD-II connector.

TPMS Ignition: The TPMS ignition wire, located in the 36-pin connector of the Main Body ECU, must be interrupted if 3X Lock control is required. If the feature is not required, and aftermarket remotes are being used, no connection is necessary.

Parking Lights: TL10 firmware handles parking lights through data, if issues arise the +parking light (green/white) can be used.

Keysense & RAP: The TLK2 harness includes pre-terminated connections for Keysense and RAP circuits.
    Keysense (brown/white) is only required in manual transmission applications, insert CM I/O connector keysense position.
    RAP (orange) connects to the driver door circuit, insert in any POC position and configure for RAP in the feature options.

I/O Changes: No changes are required.

FTI-TLK2: Installation and Configuration Notes

A CONNECTIONS REQUIRED

B CONNECTION REQUIRED

C NOT REQUIRED

D OPTIONAL CONNECTION

E OPTIONAL CONNECTION

* available only when ignition is off
** if equipped with factory hood pin switch

• 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)

CM7000/7200

Cut loop for A/T

CMX

CM900AS/900S Jumper

START / ACC / IGN1

CM-900S/900AS

FEATURE COVERAGE

IMMOBILIZER DATA	PRIORITY UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PARKING LIGHT CONTROL	POWER LIFTGATE	TRUNK/HATCH RELEASE*	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					
●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●					

KEY SENSE *

BLADE

PWR

A

DRIVER DOOR

SET POC FOR RAP (31)

* MANUAL TRANSMISSION ONLY

A

+12V

GWR

IMMOBILIZER DATA

E

(+) PARKING LIGHTS

C

SIL Data Connection

B ❹

OBD-II

1   7

16

OPTIONAL CONNECTION

❻

Autolight Shutdown

white or yellow

18   10   9   5   3   1

40   36   23   19

D

white/black

white/red

lt.purple/black

TPMS Ignition (cut)

❺

36 27 12
35

28 19 7

18   6

13   1

3D - WHITE

Ignition Connector ❶

Keysense ❷

Main Body ECU ❸

TL9 LED Programming Error Codes

Module LED flashing RED during programming

1x - No CAN activity, check harness connections.
2x - No analog Ignition, check harness connections.
3x - No Immobilizer data, check SIL to OBD connection.
4x - VIN received but not in table, contact iDatalink.

COM-BLADE-AL(DL)-TL10-EN   *Doc. No.:* *##76826##*   20210806

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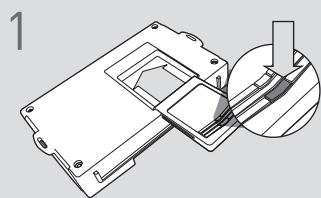
1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

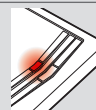### NOTE

! IMPORTANT: The hood must be closed.

1 OFF ACC **ON** START — Set ignition to ON position.
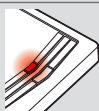
2 Wait, LED will turn solid RED to confirm that the ignition is ON.

3 Wait, LED will flash BLUE rapidly.

4 **OFF** ACC ON START — Set ignition to OFF position.
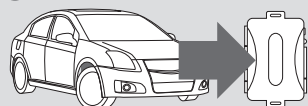
5 WARNING:
Disconnect power last.
Disconnect module from vehicle.
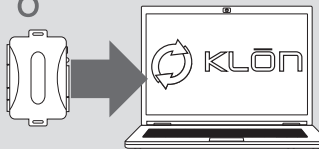
6 Connect module to computer and proceed with extended programming.
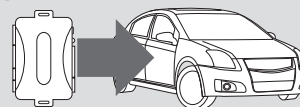
7 WARNING:
Connect power first.
Connect module to vehicle.

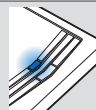**8** OFF ACC **ON** START — Set ignition to ON position.

9 Wait, LED will turn solid RED to confirm that the ignition is ON.

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

11 **OFF** ACC ON START — Set ignition to OFF position.

12 Module Programming Procedure completed.