FTI-TLP4: Vehicle Coverage and Preparation Notes

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

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL2 Toyota	4Runner PTS AT	2010-19	Type 1	1/DKP	**Park / Auto** Yes	No	No	**Green White/Blue** N/A

This installation requires **BLADE-AL(DL)-TL2** firmware, flash module and update controller before beginning the installation.

Install Type 1: Main Body ECU, driver side kick panel area, no additional connections required, takeover not supported.

CAN: Vehicle CAN data is gathered through the 30-pin connection at the Main Body ECU, no other connections are required.

Lights: Parking 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.

Locks: This installation type does not require additional connections to the vehicle or controller for lock handling.
The 6-pin lock connector is not required for this installation. Secure the unused connector, for safety.

Idle Mode is not a supported feature of the FTI-TLP4 Harness: The **Idle Mode** feature which allows the user to exit a running has been excluded from the **FTI-TLP4** harness wiring. *If this feature is desired, please refer to the full BLADE installation diagram for the applicable wiring and make the required connection to the vehicle PTS button.*

TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

FTI-TLP4: Installation and Configuration Notes

A CONNECTIONS REQUIRED

B CONNECTIONS REQUIRED

C OPTIONAL CONNECTION

D REQUIRED CONFIGURATION

•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**

CM-900S/900AS

CM900AS/900S Jumper

START / ACC / IGN1

FEATURE COVERAGE

IMMOBILIZER DATA • PTS CONTROL • ARM OEM ALARM • DISARM OEM ALARM • A/M CONTROL FROM OEM REMOTES • A/M RS CONTROL FRMO OEM REMOTE • PRIORITY UNLOCK • DOOR LOCK • DOOR UNLOCK • TRUNK/HATCH RELEASE • TACH OUTPUT • BRAKE STATUS • E-BRAKE STATUS • DOOR STATUS • TRUNK STATUS • HOOD STATUS • PARKING LIGHTS • AUTOLIGHT CONTROL
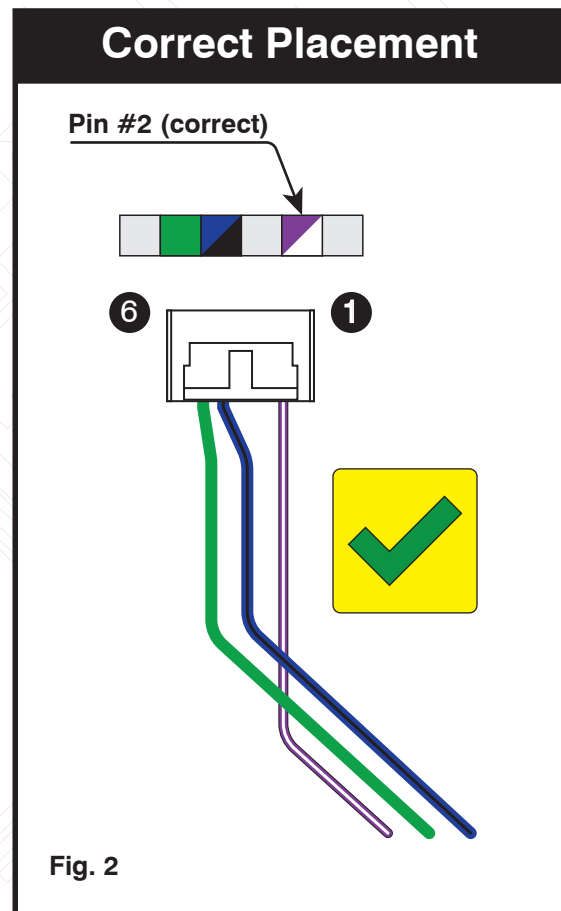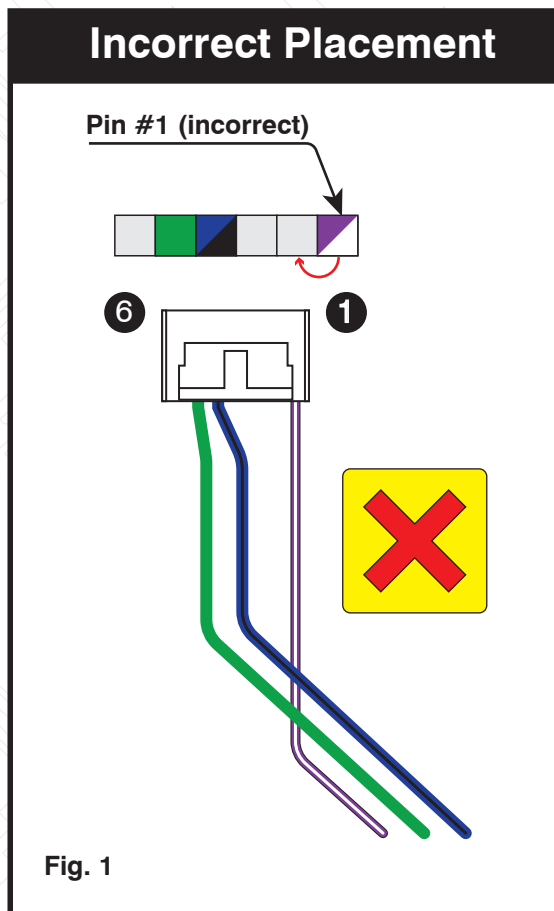
F||RSTECH,LLC.
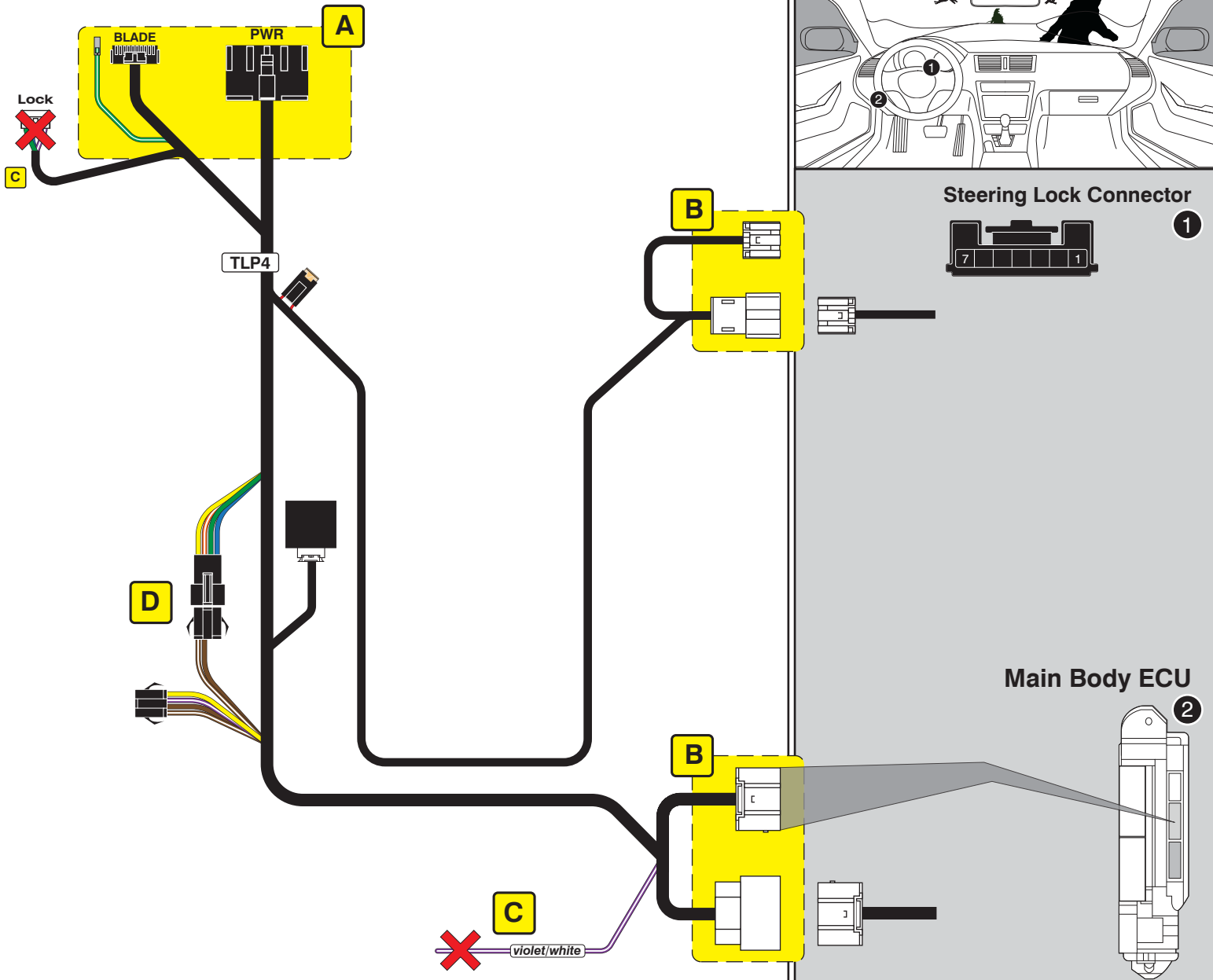SUPPORT - 1(888) 820-3690, EXT. 203

Overview: Mis-Wired door lock connector, field repair required.

Issue: A review of the latest samples of **FTI-TLP4 T-harnesses** has revealed a misplaced trunk output wire in the 6-pin Lock Accessory Connector requiring that the wire be relocated to the correct position, to ensure safe operation when used. ***Using the harness without addressing the issue will result in failed trunk/hatch control, and possible damage to the vehicle BCM.***

Correction: The harness purple/white wire in the latest production run of FTI-TLP4 harnesses has been inserted in the position normally used for the +12V power connection in the accessory harness. Before completing the installation, the installer must relocate the harness purple/white wire to the correct position, 1 space inward on the 6-pin connector, see illustrations below in Fig. 2.

To relocate the terminal, using a fine pick or Olfa type knife, depress the terminal locking barb and pull the purple/white wire from the connector housing. Once the terminal has been removed from the housing, again using the pick or knife, lift the locking barb about 1/16" (1.5 mm) and reinsert the terminal in the correct position. If upon initial examination of the harness the lock accessory connector looks like the illustration in Fig. 2, no modification is necessary, the wire is in the proper position.
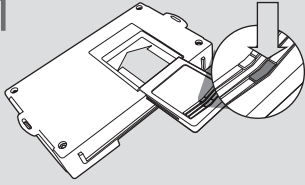

Fig. 1 — Incorrect Placement — Pin #1 (incorrect)

Fig. 2 — Correct Placement — Pin #2 (correct)

A BLADE PWR

Lock ✖

C

TLP4

D

B

C violet/white ✖

B

Steering Lock Connector 1

7 1

Main Body ECU 2

LED Programming Error Codes
Module LED flashing RED during programming
1x - No CAN detected, check connections
2x - VIN not read, check connections
3x - VIN unknown, force platform
4x - No IMMO
5x - OEM remote starter detected, remove
6x - Key platform detected, check connections
7x - No RX detected, check connections
8x - No TX detected, check connections

TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

INSTALL GUIDE

BLADE
S E R I E S

ALL IN ONE
TOYOTA/LEXUS

　　　COM-BLADE-AL(DL)-TL2-EN　　　Doc. No.: ##72697##　　20201119

CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE
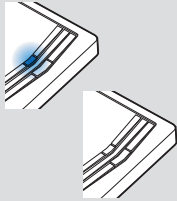
NOTE

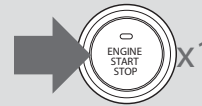I   Between each step, LED will turn solid RED, this is the default standby mode.

1 x2   Push start button twice [2x] to ON position.

2 Wait, LED will turn solid BLUE then will turn OFF.

3 x1   Push start button once [1x] to OFF position.

4 Module Programming Procedure completed.