FTI-TLP4: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install ECU		Lights	Locks	Trunk/ Hatch	I/O Changes	
DL-TL6 Lexus	ES 300h PTS AT	2013-15	Type 1	1/DKP	Park / Auto Yes	Yes	Red (5)	Green White/Blue N/A	

This installation requires **BLADE-AL(DL)-TL6** firmware, flash module and update controller before beginning the installation.

Install Type 1: Main Body ECU, driver side kick panel area, optional trunk/hatch connection.

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 requires additional connections to the vehicle door locks to ensure proper operation. *The 6-pin lock connector is required, connect to the control module lock output port.*

Trunk/Hatch: Additional wiring is required to control feature, wire color and location listed above, connect as illustrated.

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.

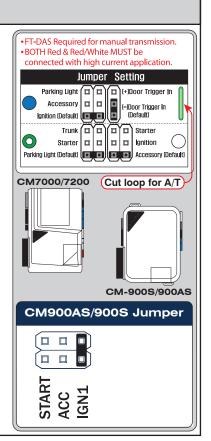
TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

FTI-TLP4: Installation and Configuration Notes

- A CONNECTIONS REQUIRED
- **B** CONNECTIONS REQUIRED
- C OPTIONAL CONNECTION
- PEQUIRED CONFIGURATION



							FE	ΑT	UR	E (CO	/EF	RAC	GΕ					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
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	тасн оптрит	BRAKE STATUS	E-BRAKE STATUS	DOOR STATUS	TRUNK STATUS	HOOD STATUS	PARKING LIGHTS	AUTOLIGHT CONTROL		



FTI-TLP4 Harness Bulletin: Mis-Wired Lock Connector

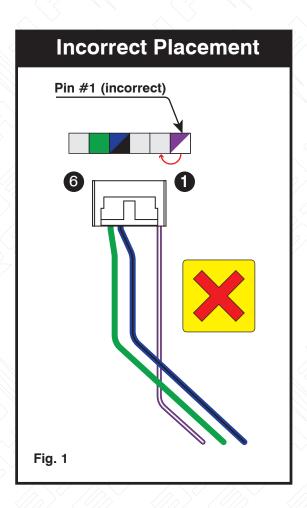


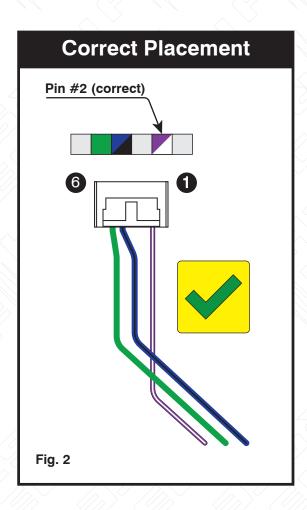
Overview: Mis-Wired door lock connector, field repair required.

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.**

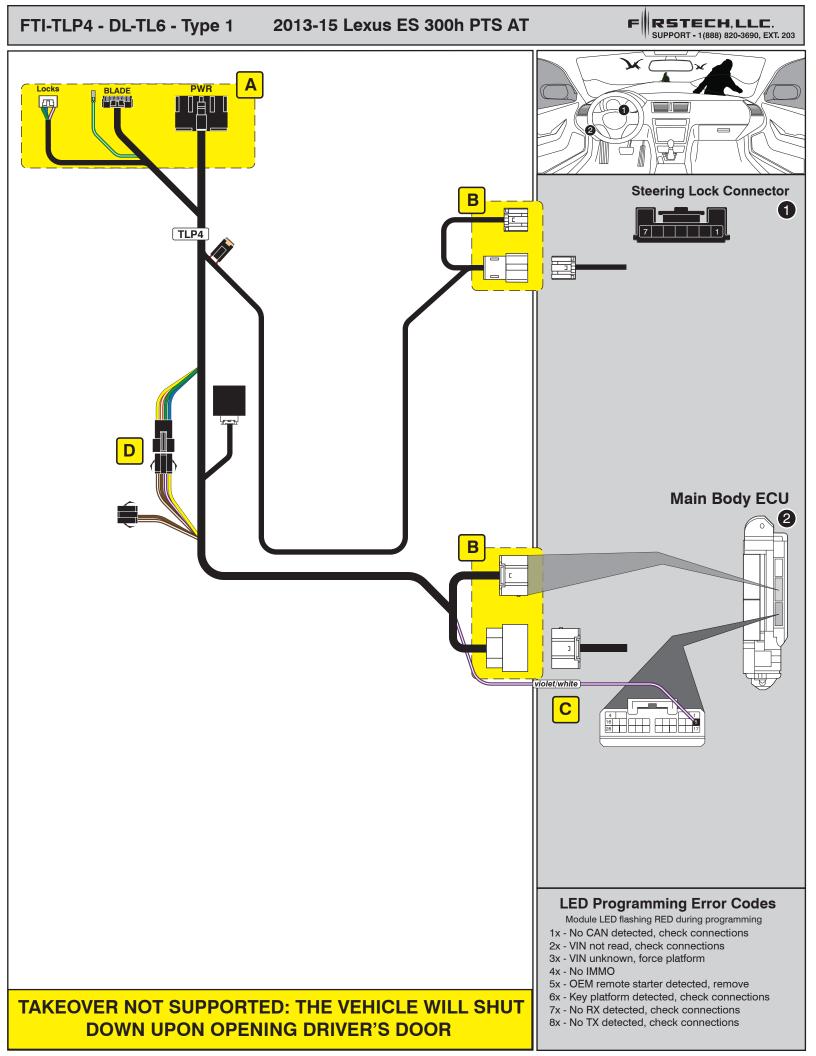
Correction: The harness purple/white wire in the latest production run of FTI-TLP4 harnesses has been inserted in the position normally used for the +12V power connection in the accessory harness. Before completing the installation, the installer must relocate the harness purple/white wire to the correct 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.









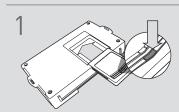


ALL IN ONE LEXUS/TOYOTA

Patent No. US 8,856,780 CA 2759622

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CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE I Betv

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

1 Surgine State X2

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

2

LED will turn solid RED.

3

Within 5 seconds, LED will flash BLUE rapidly.

4	ENGINE STAFF

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

Press unlock button once [1x] on OEM keyfob.

Wait, LED will turn solid BLUE for 2 seconds.

7

Module Programming Procedure completed.

TAKEOVER NOT AVAILABLE