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					**Park / Auto**			**Green White/Blue**
Lexus	RX 450h PTS AT	2010-15	Type 1	1/DKP	Yes	No	No	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

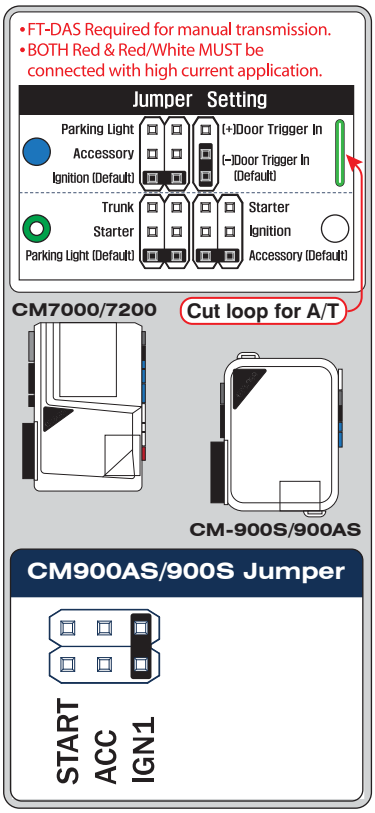
FTI-TLP4: Installation and Configuration Notes

A CONNECTIONS REQUIRED

B CONNECTIONS REQUIRED

C OPTIONAL CONNECTION

D REQUIRED CONFIGURATION



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				
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				

FTI-TLP4 - DL-TL2 - Type 1 2010-15 Lexus RX 450h PTS AT

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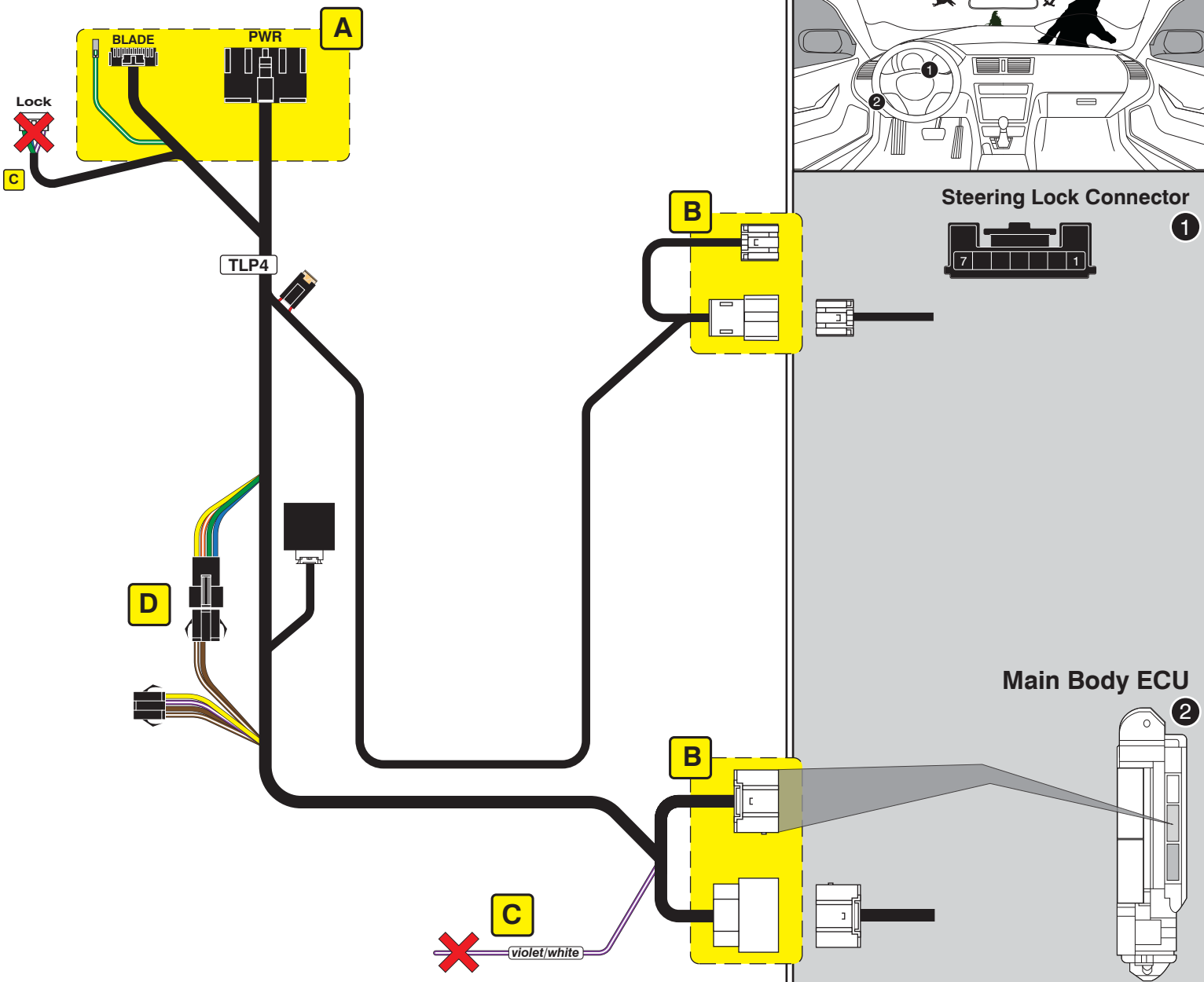


Steering Lock Connector 1

Main Body ECU 2

LED Programming Error Codes

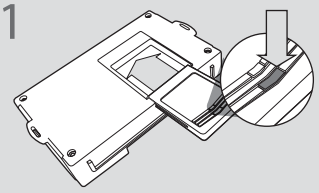
Module LED flashing RED during programming

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

CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

2

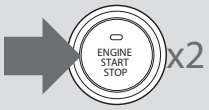
Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

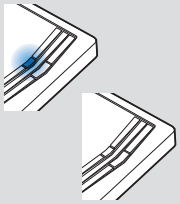
I Between each step, LED will turn solid RED, this is the default standby mode.

1



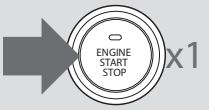
Push start button twice [2x] to ON position.

2



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

3



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

4

Module Programming Procedure completed.