

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL2 Lexus	GX 460 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**



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	AUTO LIGHT CONTROL								

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

Jumper Setting

Parking Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ignition (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trunk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Starter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parking Light (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

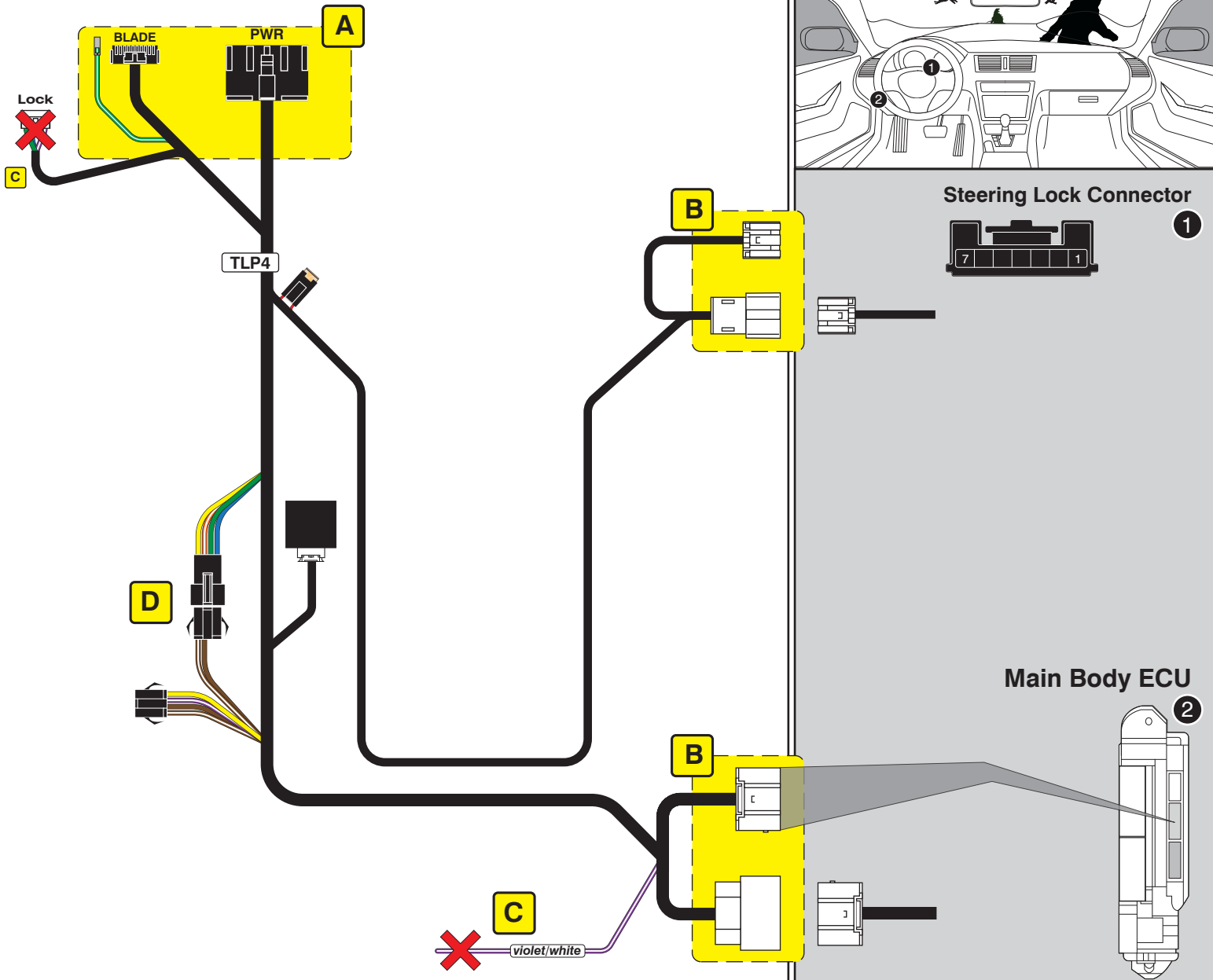
(+)-Door Trigger In (Default)
(-)-Door Trigger In (Default)

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

**START
ACC
IGN1**



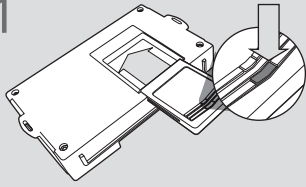
TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

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

CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

2

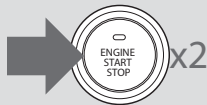
Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

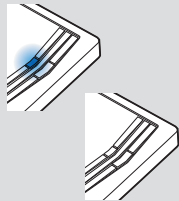
I Between each step, LED will turn solid RED, this is the default standby mode.

1



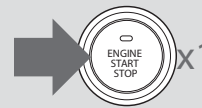
Push start button twice [2x] to ON position.

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.