

Make	Model	Year	Install	ECU	Lights	DCM	Trunk/Hatch	I/O Changes
DL-TL7 Lexus	RX350L PTS AT	2018-19	Type 1	DKP	Park / Auto Yes	No	Red (5)	Green White/Blue X

This installation requires **BLADE-AL(DL)-TL7** 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, no DCM interface required.

**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 controllers gray I/O connector and replace with the one specified, for status and diagnostic reporting.

**Locks:** This installation type requires additional connections to the vehicle door locks to ensure proper synchronization with the OEM remotes. **The 6-pin lock connector is required for correct operation.** Connect to the control module lock output port.

**Idle Mode is not a supported feature of the FTI-TLP3 Harness:** The Idle Mode feature which allows the user to exit a running has been excluded from the FTI-TLP3 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-TLP3: Installation and Configuration Notes

- A CONNECTION REQUIRED
- B CONNECTIONS REQUIRED
- C OPTIONAL CONNECTION
- D NOT REQUIRED



FEATURE COVERAGE																					
IMMOBILIZER DATA	3X LOCK START	PTS CONTROL	ARM OEM ALARM	DISARM OEM ALARM	A/M CONTROL FROM OEM REMOTES	A/M RS CONTROL FROM OEM REMOTE	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	DOOR STATUS	TRUNK STATUS	HOOD STATUS	TACH OUTPUT	BRAKE STATUS	E-BRAKE STATUS	PARKING LIGHTS	AUTOLIGHT CONTROL			

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

Jumper Setting

Parking Light	(+)-Door Trigger In	(-)-Door Trigger In
Accessory	Ignition (Default)	Ignition (Default)
Trunk	Starter	Starter
Starter	Ignition	Ignition
Parking Light (Default)	Accessory (Default)	Accessory (Default)

**CM7000/7200** Cut loop for A/T

**CM-900S/900AS**

**CM900AS/900S Jumper**

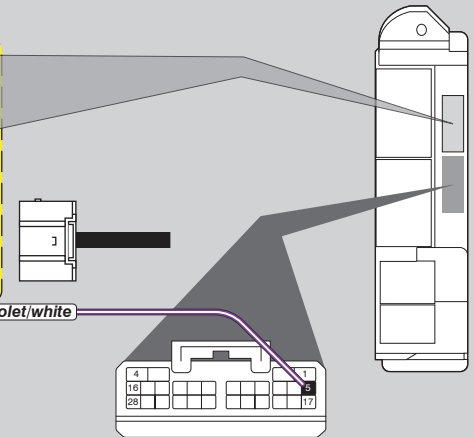
START  
ACC  
IGN1



**Steering Lock Connector**



**Main Body ECU**



**LED Programming Error Codes**

Module LED flashing RED during programming

- 1x - CAN error, confirm harness configuration
- 2x - No IGN, confirm IGN power and harness configuration
- 3x - IMMO/CAN error, confirm harness configuration
- 4x - No VIN, module may default to base platform #2
- 5x - Unknown VIN, module may default to base platform #2
- 6x - OEM starter detected, cycle IGN, if issue persists, remove and reprogram

**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

1 IMPORTANT: The hood must be closed.



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



2 Wait, if LED turns solid BLUE for 2 seconds, proceed to step 7.

If LED flashes BLUE rapidly, proceed to step 3.



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



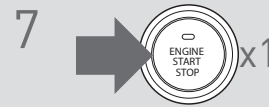
4 Wait, LED will turn solid RED. (This may take up to 5 minutes.)



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



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



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

8

Module Programming Procedure completed.