## FTI-TLP3: Vehicle Coverage and Preparation Notes



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

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.

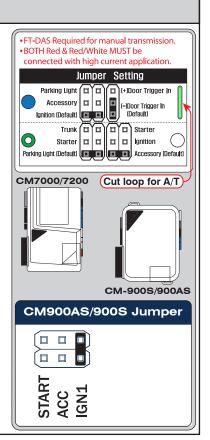
# TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

## FTI-TLP3: Installation and Configuration Notes

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



	FEATURE COVERAGE																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
l	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	тасн оптрит	BRAKE STATUS	E-BRAKE STATUS	PARKING LIGHTS	AUTOLIGHT CONTROL		



#### **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

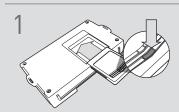


ALL IN ONE LEXUS/TOYO

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 IMPORTANT: The hood must be closed.

1 BROINE START STOP X2

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 ENGINE START STOP

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

4

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

5 ENGINE START STOP X2

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

6

Wait, LED will turn solid BLUE for 2 seconds.

7 PRINTED X 1

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

8

Module Programming Procedure completed.