Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL6 Lexus	ES 350 PTS AT	2016-18	Type 1	1/DKP	**Park / Auto** Yes	Yes	Red (5)	**Green White/Blue** X

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

D REQUIRED CONFIGURATION

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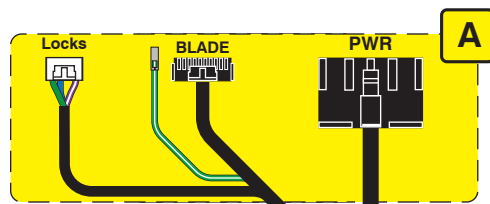• BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

Parking Light			(+)Door Trigger In
Accessory			(−)Door Trigger In [Default]
Ignition [Default]			

Trunk			Starter
Starter			Ignition
Parking Light [Default]			Accessory [Default]

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

CM-900S/900AS

CM900AS/900S Jumper

START
ACC
IGN1

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

A

Locks   BLADE   PWR

B

TLP4

D

B

C
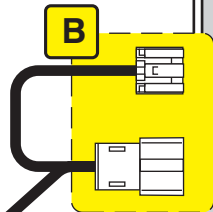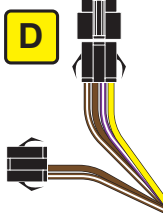
violet/white

Steering Lock Connector ①

7   1

Main Body ECU ②

4
16
28

1
5
17
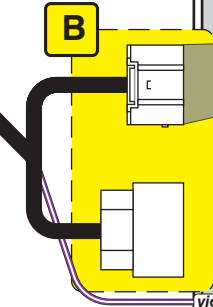
LED Programming Error Codes

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

COM-BLADE-AL(DL)-TL6-EN   Doc. No.: ##75162##   20210407

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.
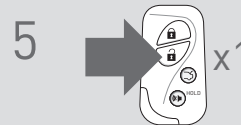
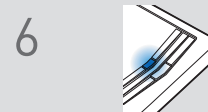**1** x2 — Push start button twice [2x] to ON position.

2 LED will turn solid RED.

3 Within 5 seconds, LED will flash BLUE rapidly.

4 x1 — Push start button once [1x] to OFF position.

5 x1 — Press unlock button once [1x] on OEM keyfob.

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

7 Module Programming Procedure completed.

TAKEOVER NOT AVAILABLE