| Make | Model | Year | Install | ECU | Lights | DCM | Trunk/Hatch | I/O Changes |
|---|---|---|---|---|---|---|---|---|
| **DL-TL7** Lexus | NX300h PTS AT | 2015-19 | Type 1 | ADKP | **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

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

**Jumper Setting**

Parking Light
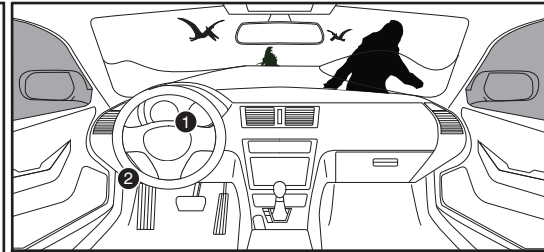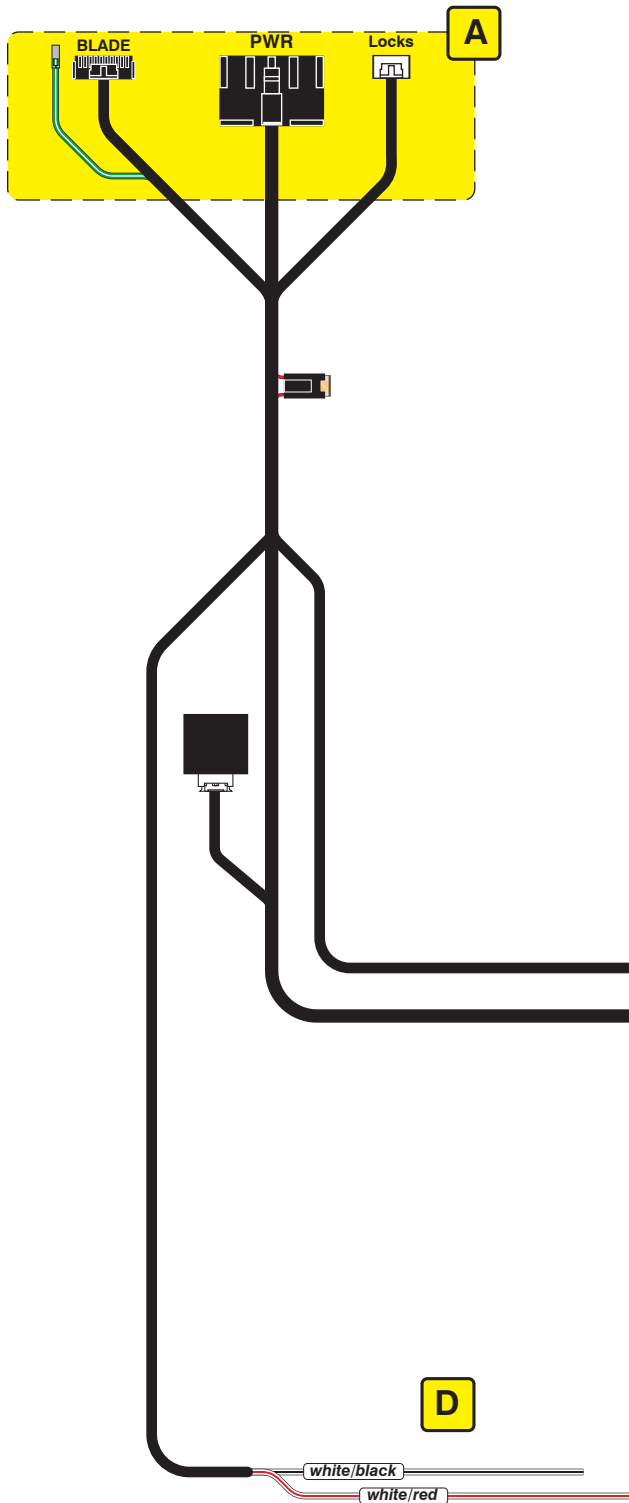Accessory
Ignition (Default)

(+)Door Trigger In
(−)Door Trigger In (Default)

Trunk
Starter
Parking Light (Default)

Starter
Ignition
Accessory (Default)

**CM7000/7200**

**Cut loop for A/T**

**CM-900S/900AS**

**CM900AS/900S Jumper**

START
ACC
IGN1



### 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 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | | |

**A**

BLADE    PWR    Locks

**B**

**B**

**C**

*violet/white*

**D**

*white/black*
*white/red*

**Steering Lock Connector** ①

**Main Body ECU** ②

4
16
28

1
5
17

## TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR
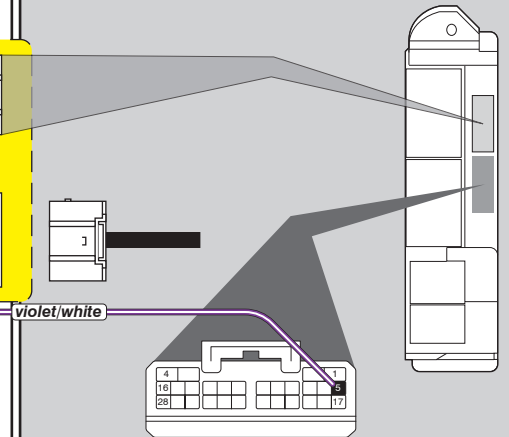
### LED Programming Error Codes
Module LED flashing RED during programming

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

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-TL7-EN          *Doc. No.:*  ##75340##    20210414

## CARTRIDGE INSTALLATION

**1** Slide cartridge into unit. Notice button under LED.
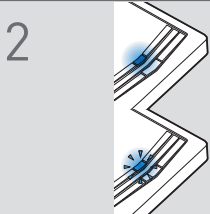
**2** Ready for Module Programming Procedure.

## MODULE PROGRAMMING PROCEDURE

### NOTE

I    IMPORTANT: The hood must be closed.

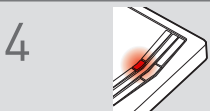**1** Push start button twice [2x] to ON position. (ENGINE START STOP x2)

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

If LED flashes BLUE rapidly, proceed to step 3.

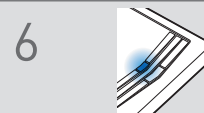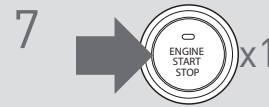**3** Push start button once [1x] to OFF position. (ENGINE START STOP x1)

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

**5** Push start button twice [2x] to ON position. (ENGINE START STOP x2)

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

**7** Push start button once [1x] to OFF position. (ENGINE START STOP x1)

**8** Module Programming Procedure completed.