

FTI-TLP3: Vehicle Coverage and Preparation Notes

| Make | Model | Year | Install | ECU | Lights | DCM | Trunk/Hatch | I/O Changes |
|------------------------|--------------|---------|---------|-----|--------------------|-----|-------------|-----------------------|
| DL-TL7 Lexus | IS350 PTS AT | 2017-20 | Type 1 | DKP | Park / Auto Yes | No | Pink (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.

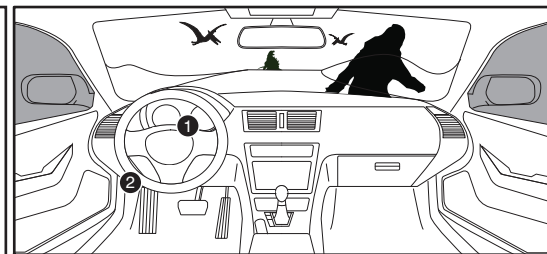
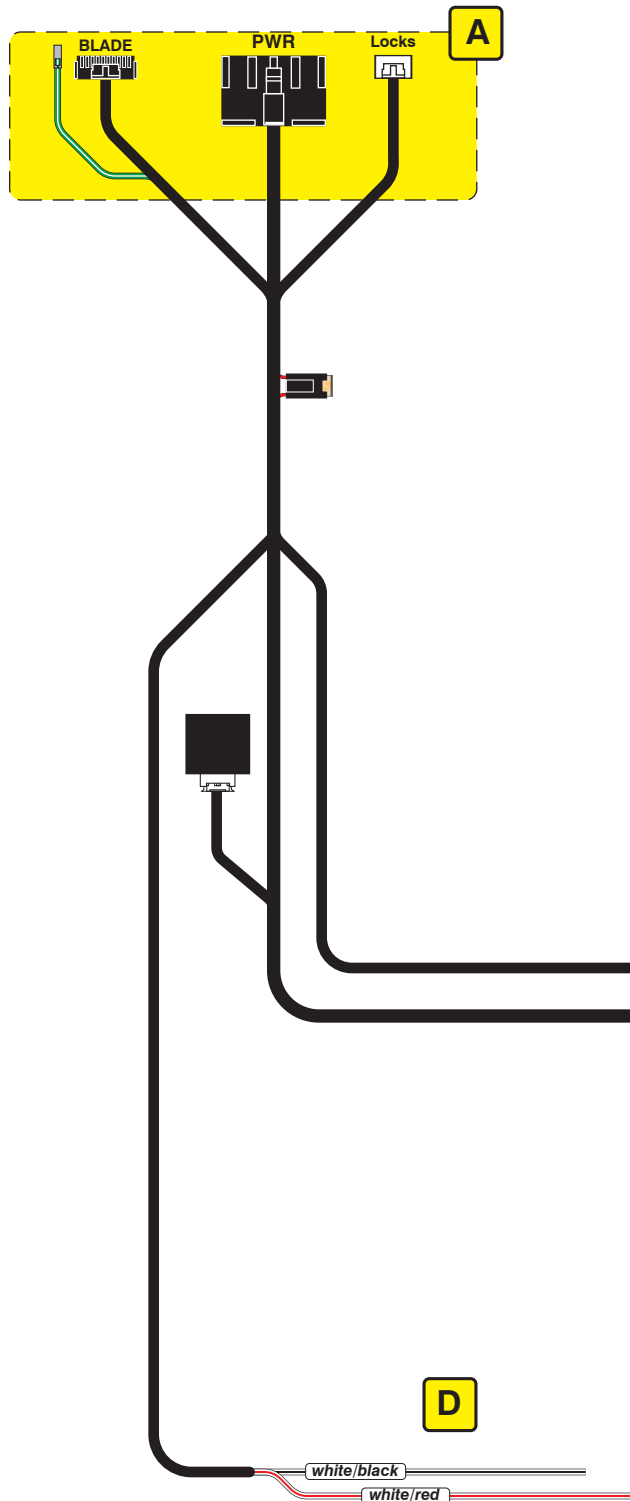
Jumper Setting

| | | | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------|------------------------------|--------------------------|--------------------------|
| Parking Light | Accessory | Ignition (Default) | Trunk | Starter | Parking Light (Default) | (+)-Door Trigger In (Default) | (-)Door Trigger In (Default) | Starter Ignition | Accessory (Default) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CM7000/7200 Cut loop for A/T

CM900AS/900S Jumper

**START
ACC
IGN1**



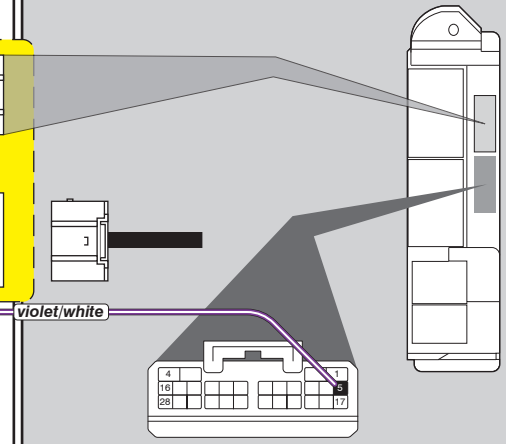
Steering Lock Connector



1

Main Body ECU

2



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.

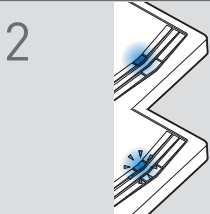
MODULE PROGRAMMING PROCEDURE

NOTE

I IMPORTANT: The hood must be closed.



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

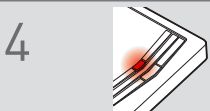


2 Wait, if LED turns solid BLUE for 2 seconds, proceed to step 7.

If LED flashes BLUE rapidly, proceed to step 3.



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



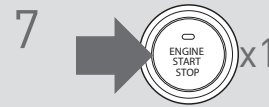
4 Wait, LED will turn solid RED. (This may take up to 5 minutes.)



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.