

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL6 Lexus	GS 450h Hybrid PTS AT	2016-18	Type 2	1/DKP	Park / Auto Yes	Mod/DDM	Yellow (8)	Green White/Blue X

This installation requires **BLADE-AL(DL)-TL6** firmware, flash module and update controller before beginning the installation.

Install Type 2: Main Body ECU, driver side kick panel area, optional trunk/hatch connection, lock modification optional, see notes.

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 install requires additional connections to the driver door module (DDM) ensuring proper synchronization with the OEM remotes. **The 6-pin connector must be modified as illustrated, and wires extended to the DDM for correct operation.**

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** REQUIRED CONNECTIONS
- B** REQUIRED CONNECTIONS
- C** OPTIONAL CONNECTION
- D** REQUIRED CONFIGURATION
- E** MODIFICATION REQUIRED



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				

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

Jumper Setting

Parking Light (Blue) Accessory (Green) Ignition (Default)

(+)Door Trigger In (-)Door Trigger In (Default)

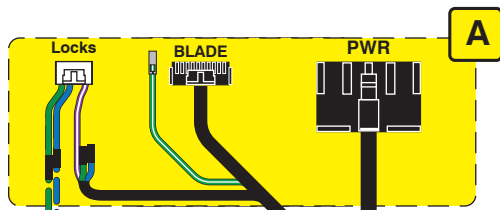
Trunk Starter (Green) Parking Light (Default)

Starter Ignition (White) Accessory (Default)

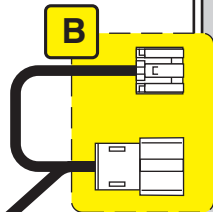
CM7000/7200 Cut loop for A/T

CM900AS/900S Jumper

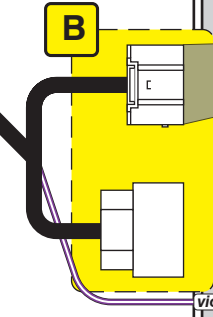
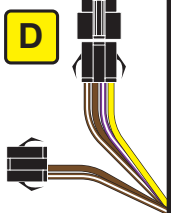
START ACC IGN1



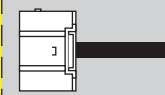
TLP4



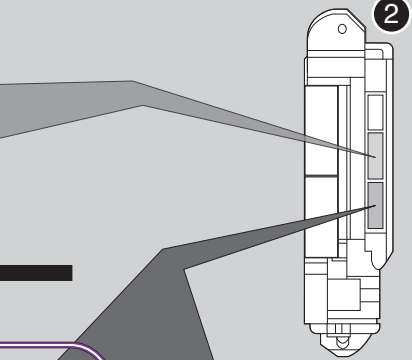
Steering Lock Connector



Main Body ECU

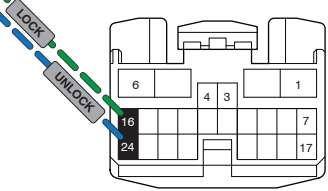


violet/white



E Door Lock Connections

Driver's Door module



OPTIONAL CONNECTIONS:
If connected, OEM and aftermarket remotes will always be synchronized.

If not connected, user must lock vehicle doors using OEM remote or door request switch after operating vehicle, every time.

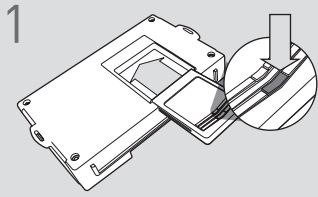
For more information, read "Warning: Door Lock Synchronization", in the BLADE install document.

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

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

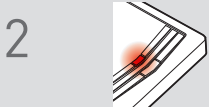
MODULE PROGRAMMING PROCEDURE

NOTE

Between each step, LED will turn solid RED, this is the default standby mode.



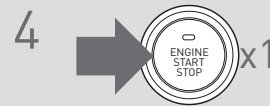
1 Push start button twice [2x] to ON position.



2 LED will turn solid RED.



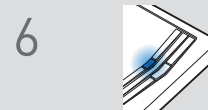
3 Within 5 seconds, LED will flash BLUE rapidly.



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



5 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